

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077895.D
 Acq On : 15 Dec 2023 11:04
 Operator : RP/MD
 Sample : VD1215SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBS01

Quant Time: Dec 16 03:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	120644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	190011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71138	50.040	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.810	113	73932	52.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.120%			
50) Toluene-d8	10.275	98	299712	53.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.400%			
62) 4-Bromofluorobenzene	12.575	95	87960	52.227	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31672	21.016	ug/l	91
3) Chloromethane	2.152	50	46571	22.671	ug/l	96
4) Vinyl Chloride	2.293	62	63017	22.597	ug/l	99
5) Bromomethane	2.693	94	39398	25.178	ug/l	98
6) Chloroethane	2.840	64	43158	22.700	ug/l	98
7) Trichlorofluoromethane	3.187	101	56424	21.969	ug/l	98
8) Diethyl Ether	3.599	74	15866	21.999	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	32593	22.182	ug/l	97
10) Methyl Iodide	4.169	142	25549	23.906	ug/l #	88
11) Tert butyl alcohol	5.057	59	7746	106.686	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	30959	21.348	ug/l	86
13) Acrolein	3.804	56	15327	101.921	ug/l	98
14) Allyl chloride	4.569	41	40705	20.409	ug/l	87
15) Acrylonitrile	5.257	53	33749	109.295	ug/l	94
16) Acetone	4.022	43	47489	140.783	ug/l #	82
17) Carbon Disulfide	4.281	76	97725	19.919	ug/l	97
18) Methyl Acetate	4.569	43	23197	20.719	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	65508	21.291	ug/l	100
20) Methylene Chloride	4.810	84	40484	21.262	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	34901	21.248	ug/l	93
22) Diisopropyl ether	6.228	45	88177	21.156	ug/l #	94
23) Vinyl Acetate	6.163	43	212816	104.558	ug/l	95
24) 1,1-Dichloroethane	6.116	63	60399	21.399	ug/l	96
25) 2-Butanone	7.081	43	49257	118.126	ug/l #	78
26) 2,2-Dichloropropane	7.075	77	50548	21.330	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	38837	21.974	ug/l	88
28) Bromochloromethane	7.434	49	22873	20.055	ug/l #	77
29) Tetrahydrofuran	7.451	42	24520	108.314	ug/l	88
30) Chloroform	7.598	83	61909	21.916	ug/l	93
31) Cyclohexane	7.887	56	52845	20.899	ug/l	96
32) 1,1,1-Trichloroethane	7.798	97	53787	21.599	ug/l	98
36) 1,1-Dichloropropene	8.016	75	48000	21.336	ug/l	95
37) Ethyl Acetate	7.169	43	17785	20.274	ug/l	97
38) Carbon Tetrachloride	7.992	117	49387	22.020	ug/l	97
39) Methylcyclohexane	9.281	83	56539	21.199	ug/l	94
40) Benzene	8.251	78	140106	21.942	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9885	22.170	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	37179	22.463	ug/l	93
43) Isopropyl Acetate	8.363	43	33593	21.542	ug/l #	75
44) Trichloroethene	9.028	130	36575	21.980	ug/l	96
45) 1,2-Dichloropropane	9.304	63	34293	22.092	ug/l	96
46) Dibromomethane	9.398	93	18351	22.343	ug/l	92
47) Bromodichloromethane	9.586	83	46741	22.453	ug/l	98
48) Methyl methacrylate	9.381	41	19333	21.810	ug/l #	81
49) 1,4-Dioxane	9.398	88	3769	462.148	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	84653	106.368	ug/l	92
52) Toluene	10.333	92	86847	21.926	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45151	22.586	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	53110	21.974	ug/l #	90
55) 1,1,2-Trichloroethane	10.733	97	25582	22.771	ug/l	95
56) Ethyl methacrylate	10.598	69	21144	21.350	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	43253	22.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	63871	113.093	ug/l	92
59) 2-Hexanone	10.922	43	76405	115.717	ug/l	87
60) Dibromochloromethane	11.075	129	30570	22.601	ug/l	98
61) 1,2-Dibromoethane	11.180	107	23007	21.756	ug/l	99
64) Tetrachloroethene	10.810	164	27079	19.390	ug/l	94
65) Chlorobenzene	11.610	112	92308	19.474	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.680	131	33934	21.476	ug/l	96
67) Ethyl Benzene	11.686	91	165861	20.967	ug/l	98
68) m/p-Xylenes	11.792	106	127540	42.149	ug/l	92
69) o-Xylene	12.122	106	58888	21.116	ug/l	94
70) Styrene	12.139	104	88782	21.410	ug/l	94
71) Bromoform	12.298	173	17664	21.395	ug/l #	97
73) Isopropylbenzene	12.422	105	154266	20.655	ug/l	97
74) N-amyl acetate	12.233	43	29060	19.794	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	28272	21.710	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	15415m	18.011	ug/l	
77) Bromobenzene	12.704	156	37162	21.154	ug/l	91
78) n-propylbenzene	12.763	91	195081	21.435	ug/l	95
79) 2-Chlorotoluene	12.851	91	101889	20.890	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	128179	20.577	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9129	21.611	ug/l	97
82) 4-Chlorotoluene	12.945	91	108977	21.373	ug/l	97
83) tert-Butylbenzene	13.169	119	111340	21.172	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	129303	20.753	ug/l	98
85) sec-Butylbenzene	13.345	105	164671	21.183	ug/l	95
86) p-Isopropyltoluene	13.463	119	143350	20.597	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	75250	20.946	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	76122	20.274	ug/l	98
89) n-Butylbenzene	13.786	91	140147	21.400	ug/l	98
90) Hexachloroethane	14.057	117	28093	21.948	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	63903	20.915	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3805	19.573	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	41053	19.671	ug/l	95
94) Hexachlorobutadiene	15.210	225	22713	20.182	ug/l	96
95) Naphthalene	15.333	128	70173	20.237	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	33305	19.357	ug/l	96

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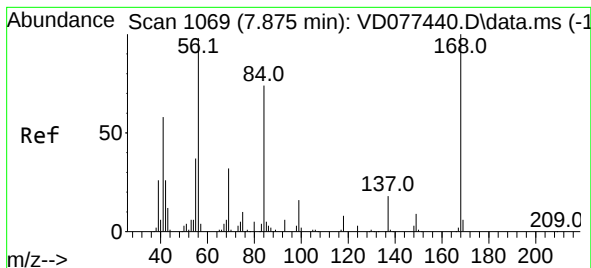
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01

Tgt Ion:168 Resp: 120644

Ion Ratio Lower Upper

168 100

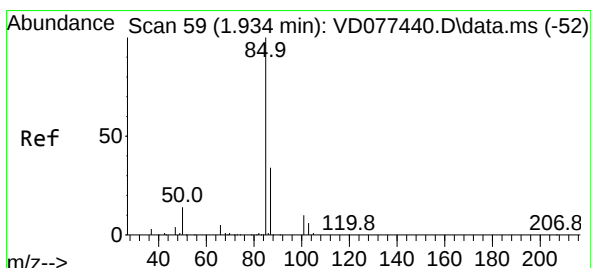
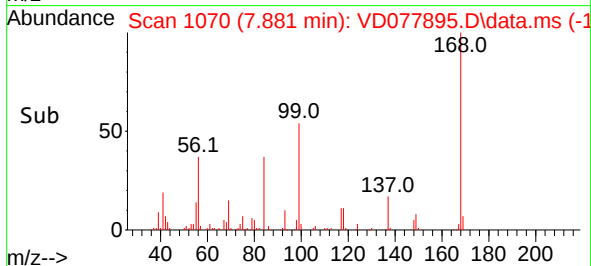
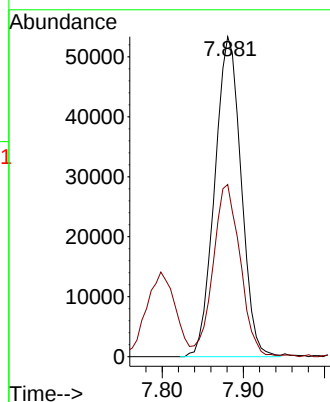
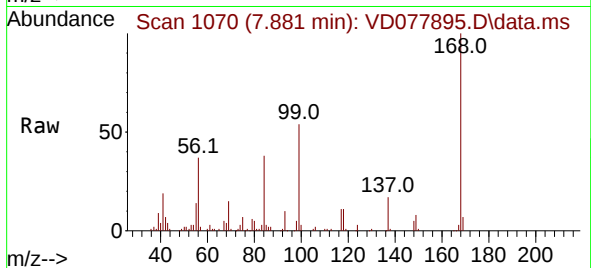
99 53.3 36.7 55.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.016 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077895.D

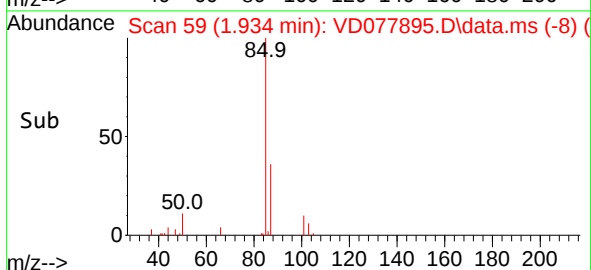
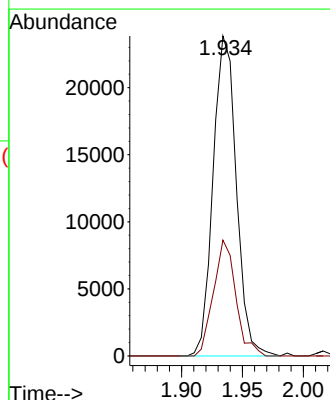
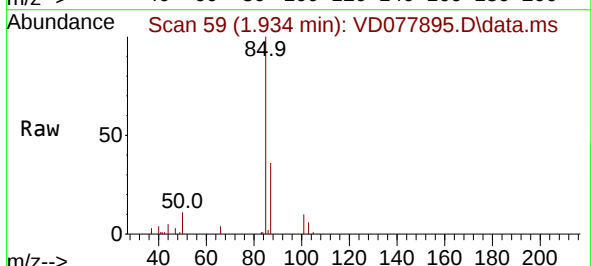
Acq: 15 Dec 2023 11:04

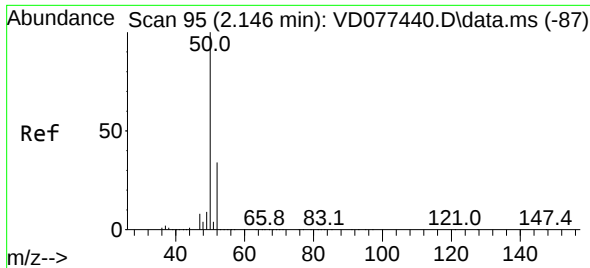
Tgt Ion: 85 Resp: 31672

Ion Ratio Lower Upper

85 100

87 36.2 15.7 47.0





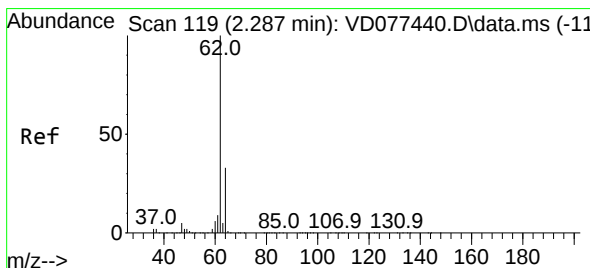
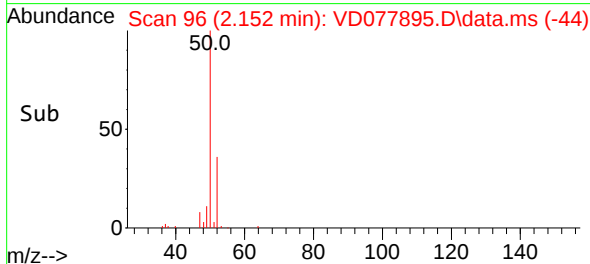
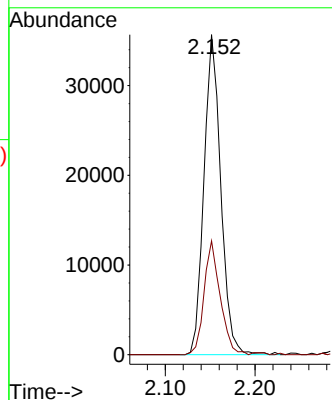
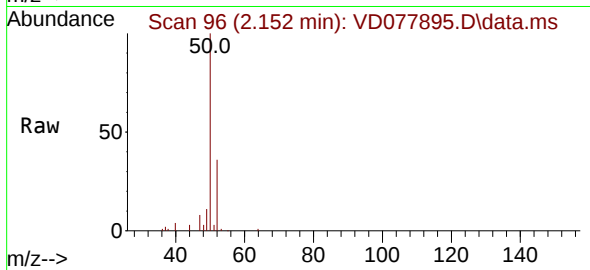
#3
Chloromethane
Concen: 22.671 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
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ClientSampleId :
VD1215SBS01

Tgt Ion: 50 Resp: 4657
Ion Ratio Lower Upper
50 100
52 35.6 26.6 40.0

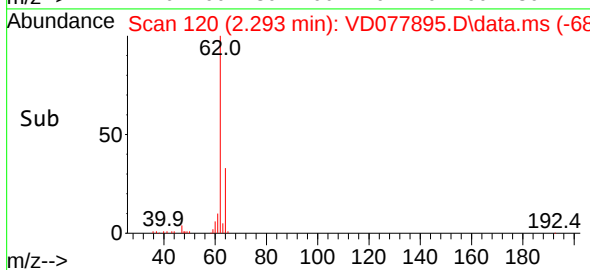
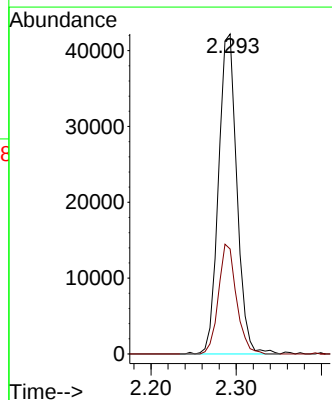
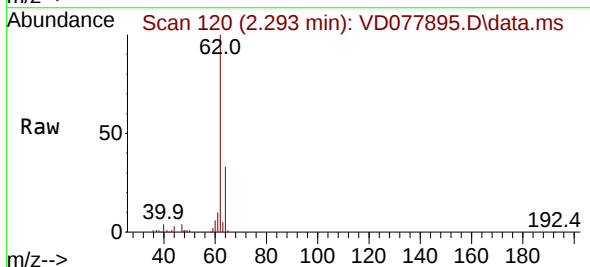
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#4
Vinyl Chloride
Concen: 22.597 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

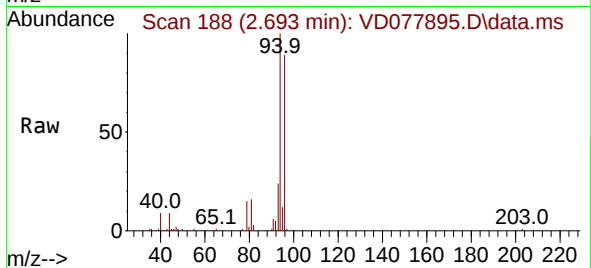
Tgt Ion: 62 Resp: 63017
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0





#5
Bromomethane
Concen: 25.178 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

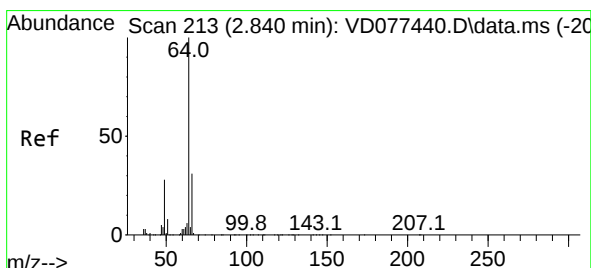
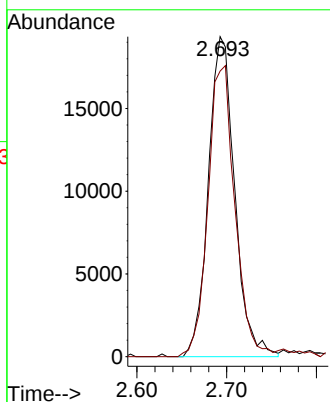
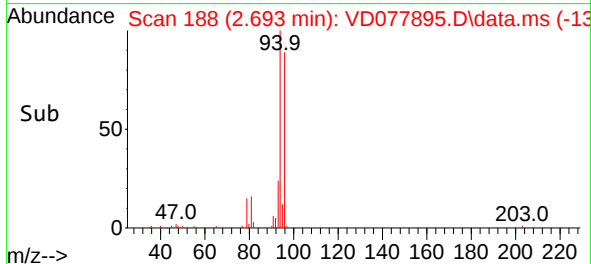
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



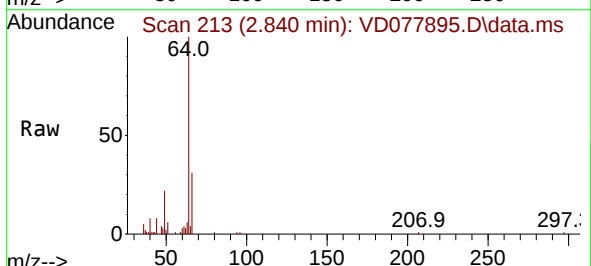
Tgt Ion: 94 Resp: 39398
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8

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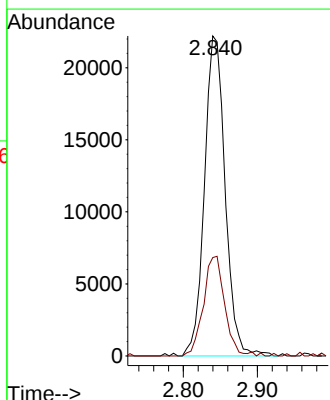
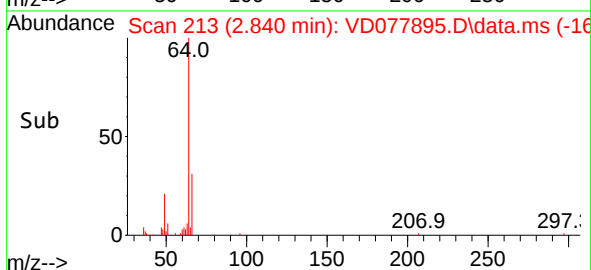
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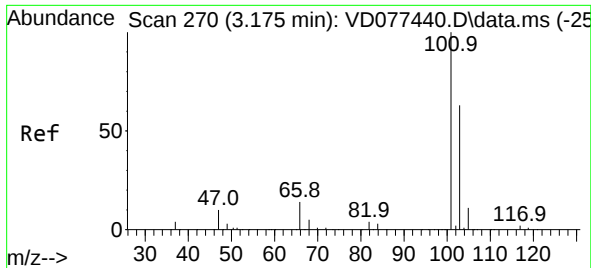


#6
Chloroethane
Concen: 22.700 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



Tgt Ion: 64 Resp: 43158
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3





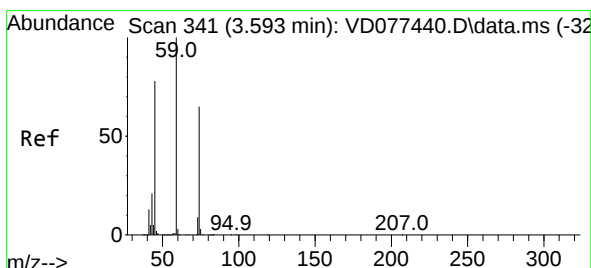
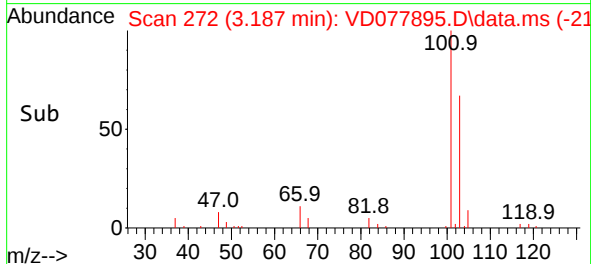
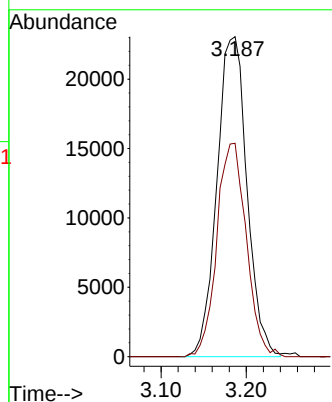
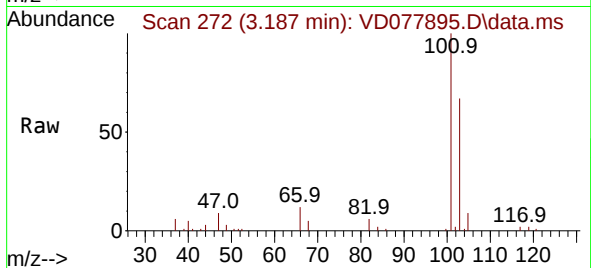
#7
Trichlorofluoromethane
Concen: 21.969 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01

Tgt Ion:101 Resp: 56424
Ion Ratio Lower Upper
101 100
103 66.7 52.3 78.5

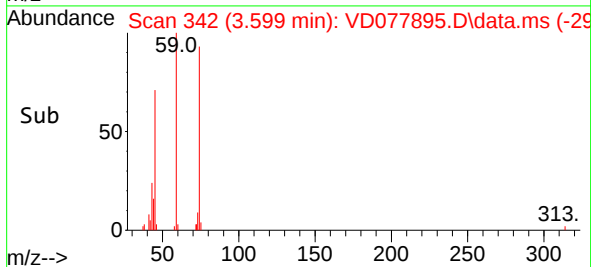
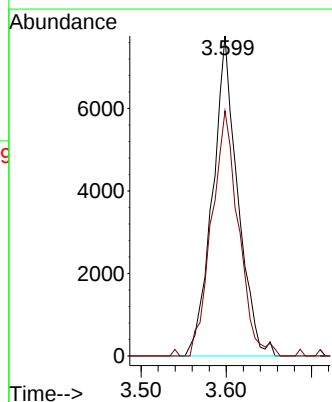
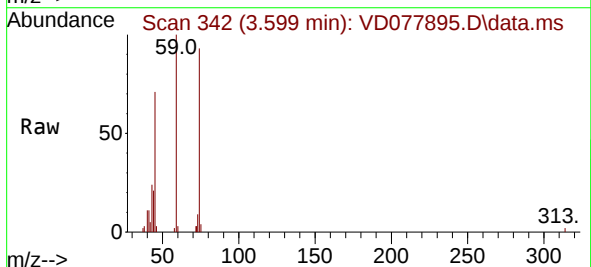
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#8
Diethyl Ether
Concen: 21.999 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 74 Resp: 15866
Ion Ratio Lower Upper
74 100
45 82.2 37.5 112.7





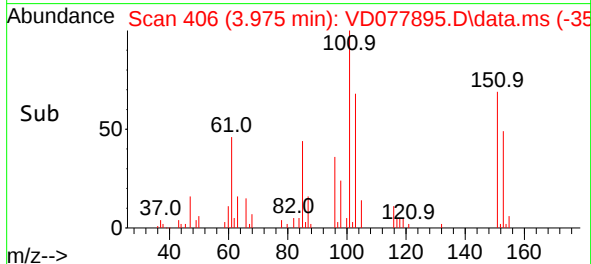
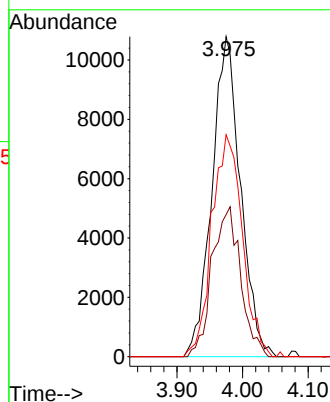
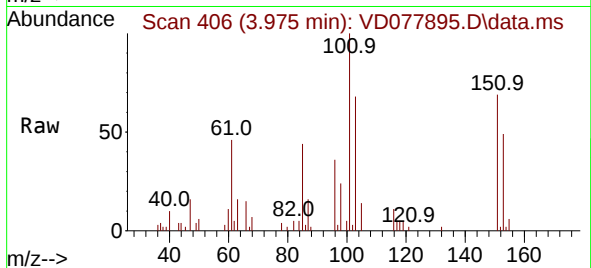
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.182 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01

Tgt Ion:101 Resp: 3259
Ion Ratio Lower Upper
101 100
85 46.8 33.8 50.6
151 73.8 59.8 89.6

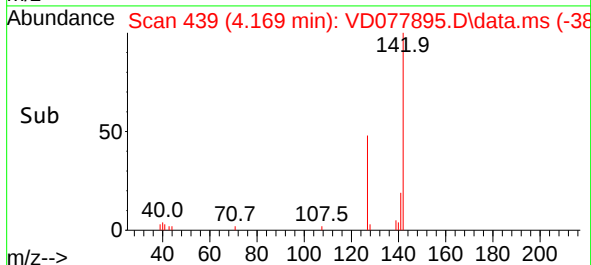
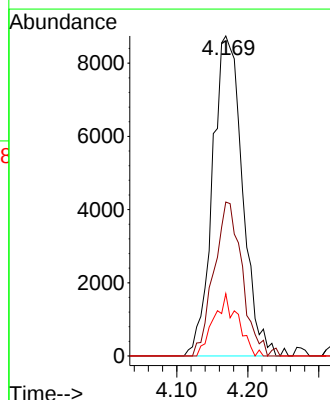
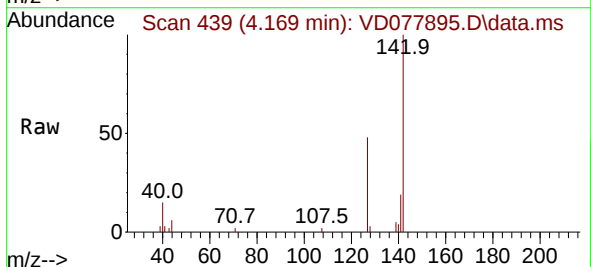
Manual Integrations
APPROVED

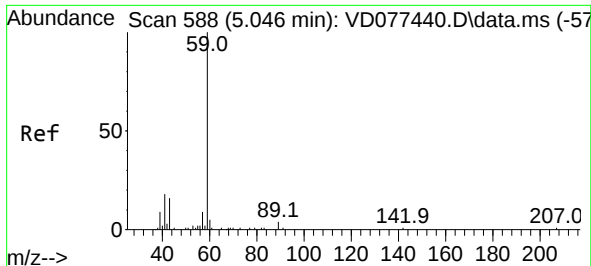
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 23.906 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

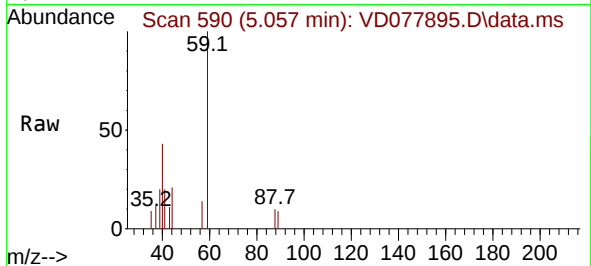
Tgt Ion:142 Resp: 25549
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 106.686 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.011 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

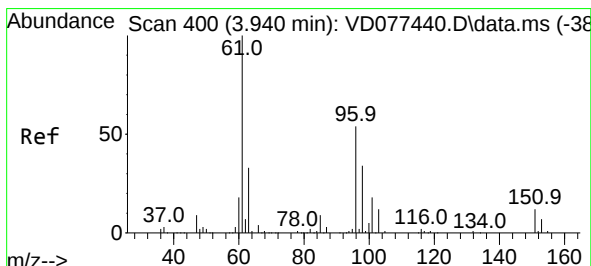
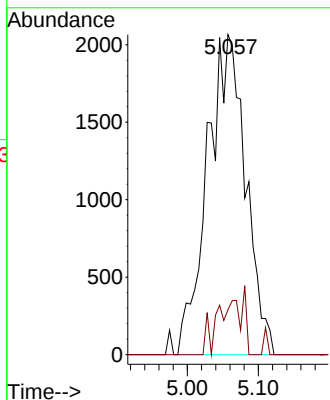
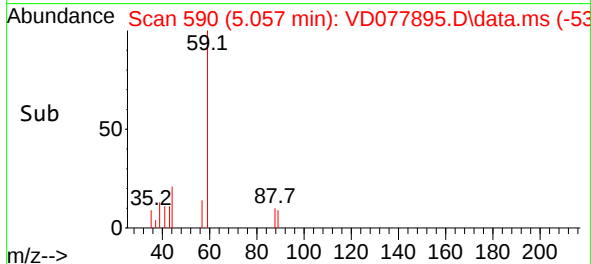
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



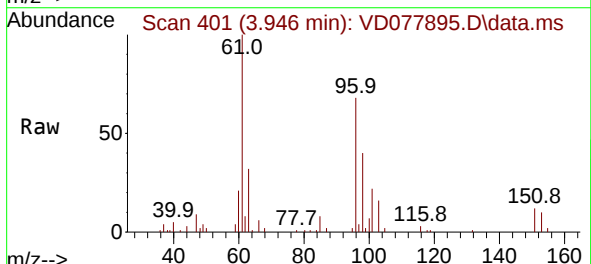
Tgt Ion: 59 Resp: 7740
Ion Ratio Lower Upper
59 100
57 4.9 7.8 11.8

Manual Integrations
APPROVED

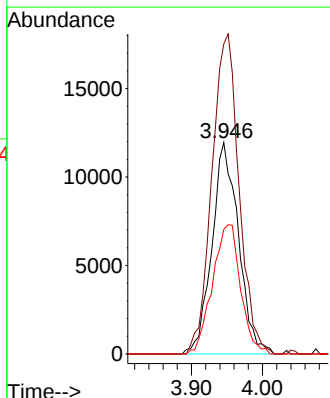
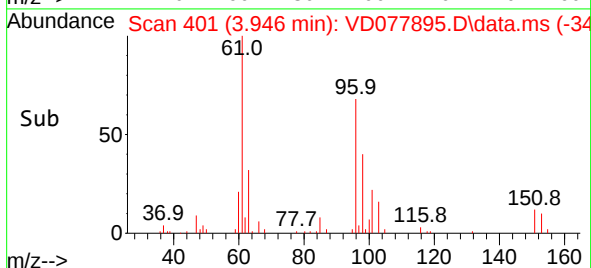
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 21.348 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



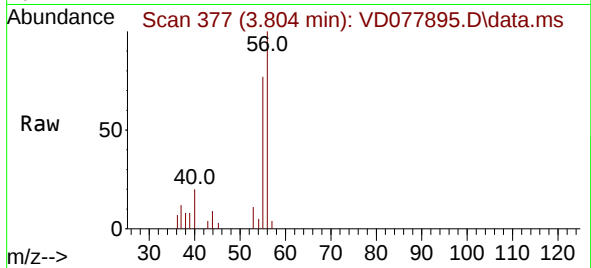
Tgt Ion: 96 Resp: 30959
Ion Ratio Lower Upper
96 100
61 146.7 100.6 150.8
98 59.0 50.2 75.2





#13
Acrolein
Concen: 101.921 ug/l
RT: 3.804 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

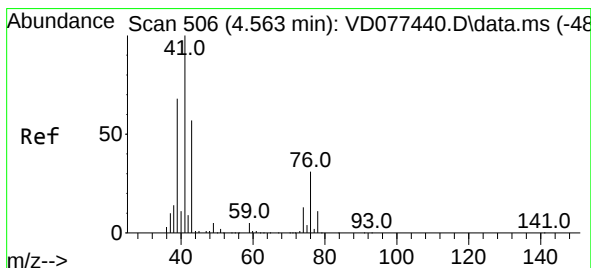
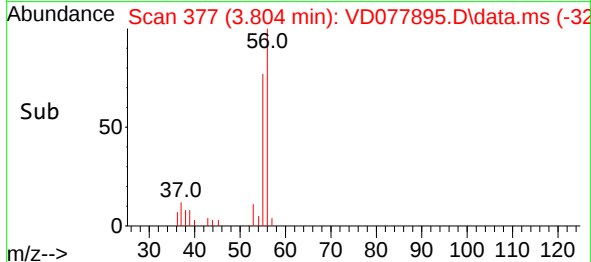
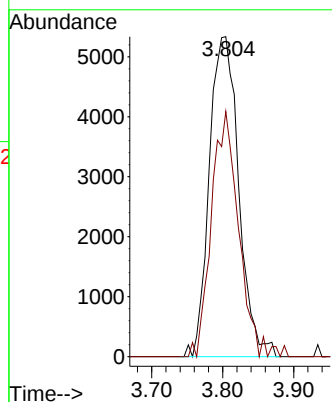
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 56 Resp: 1532
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7

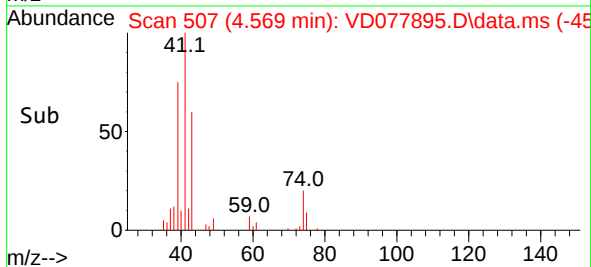
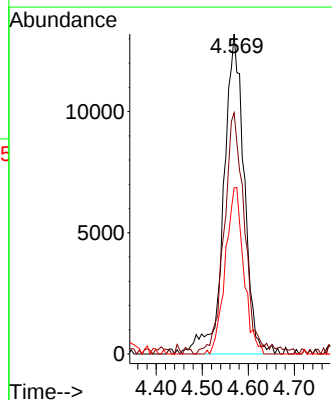
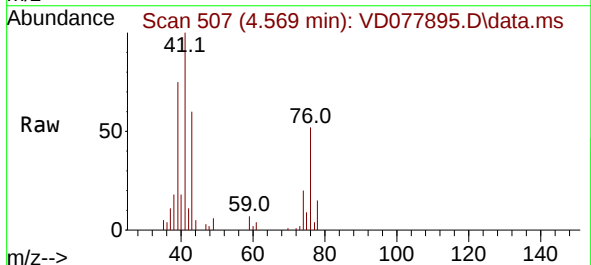
Manual Integrations
APPROVED

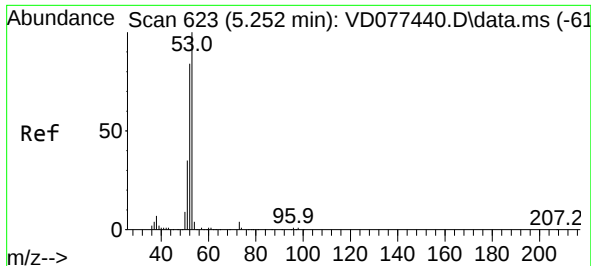
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 20.409 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

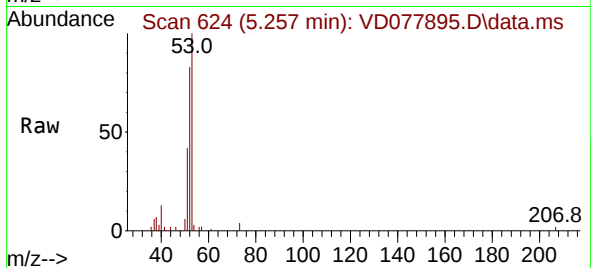
Tgt Ion: 41 Resp: 40705
Ion Ratio Lower Upper
41 100
39 76.1 53.8 80.6
76 46.6 45.8 68.8





#15
Acrylonitrile
Concen: 109.295 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

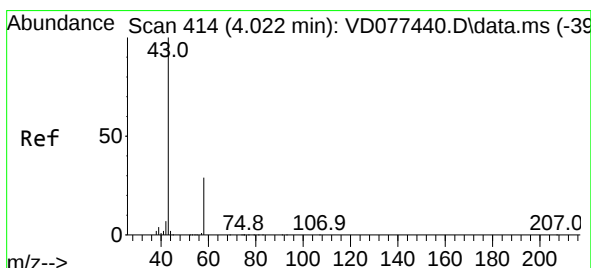
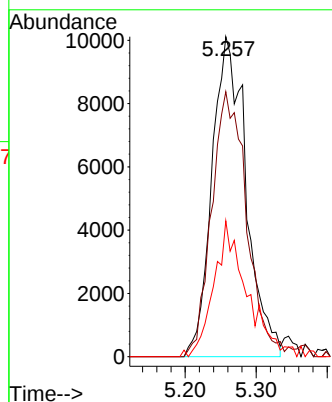
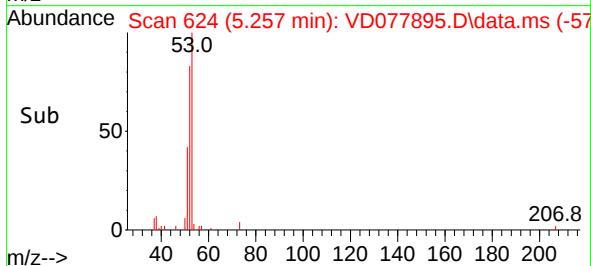
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 53 Resp: 33749
Ion Ratio Lower Upper
53 100
52 85.0 65.0 97.4
51 41.0 28.3 42.5

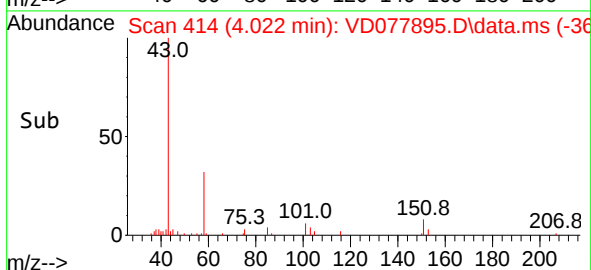
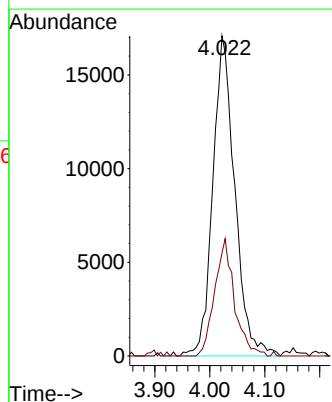
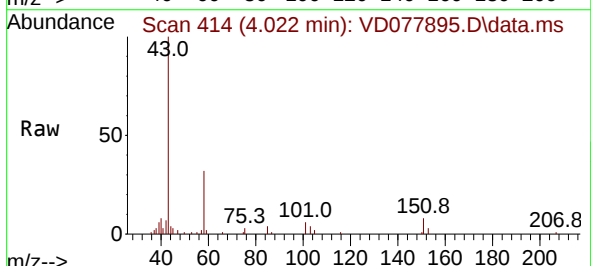
Manual Integrations
APPROVED

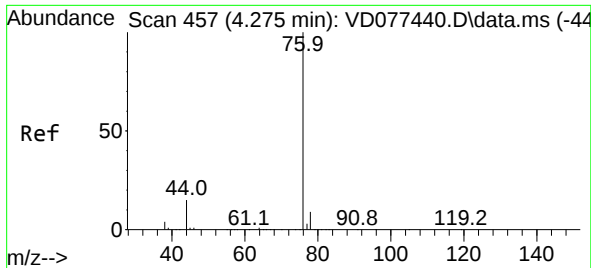
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 140.783 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 43 Resp: 47489
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#





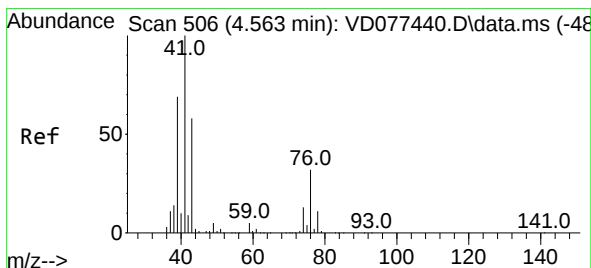
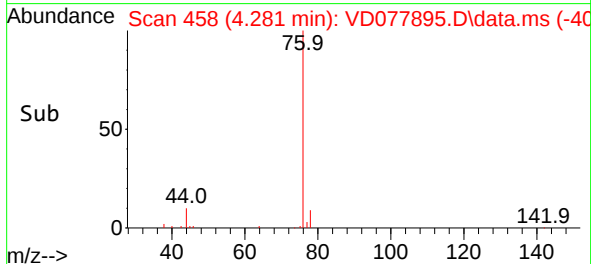
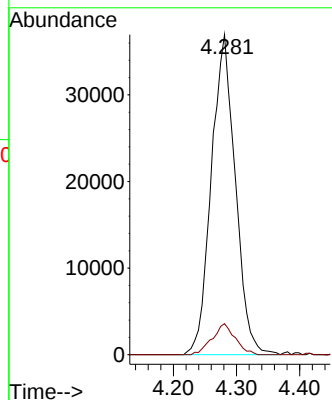
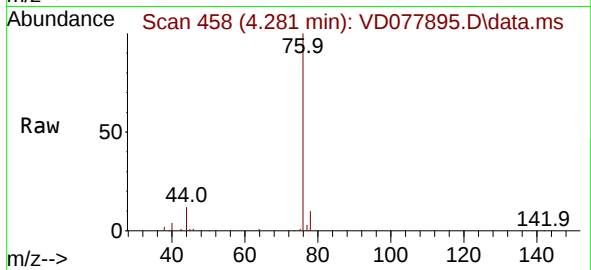
#17
Carbon Disulfide
Concen: 19.919 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01

Tgt Ion: 76 Resp: 97725
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

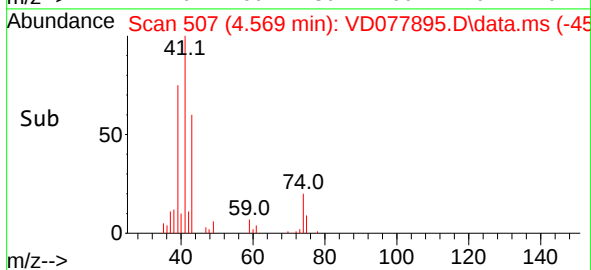
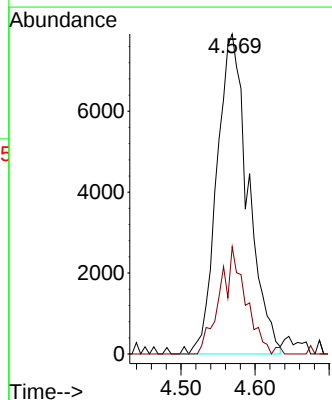
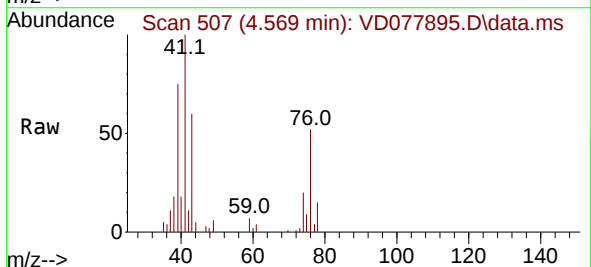
Manual Integrations
APPROVED

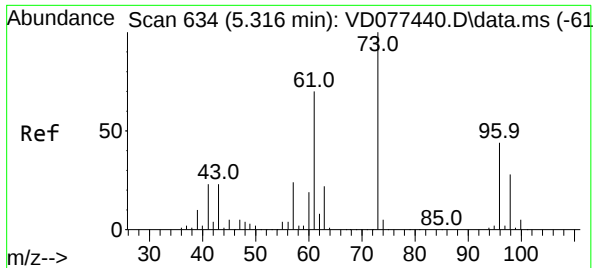
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 20.719 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

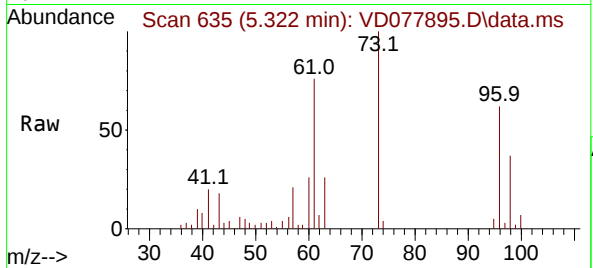
Tgt Ion: 43 Resp: 23197
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 21.291 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

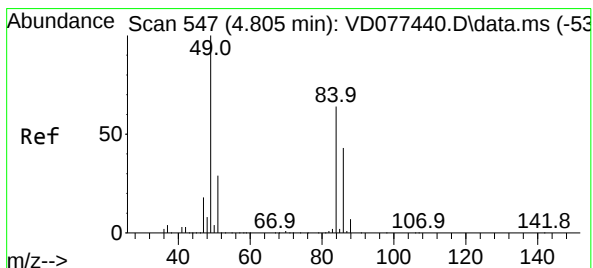
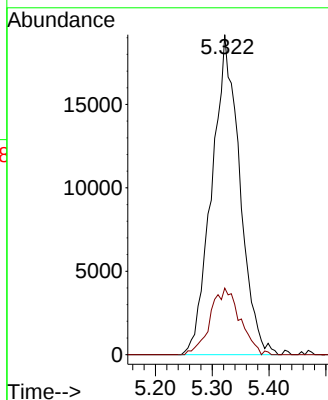
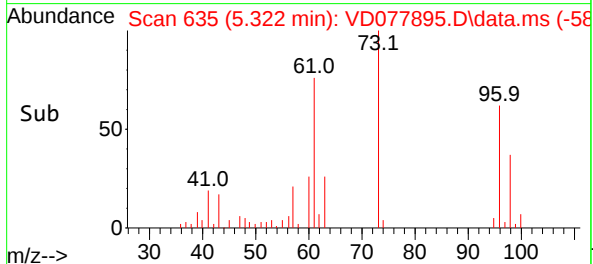
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 73 Resp: 65508
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

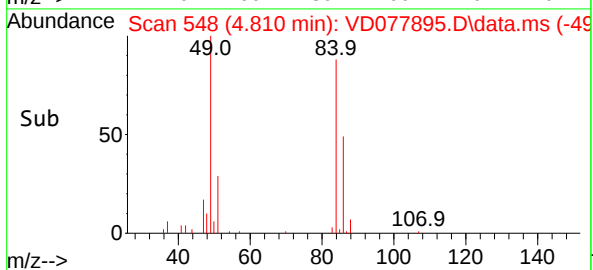
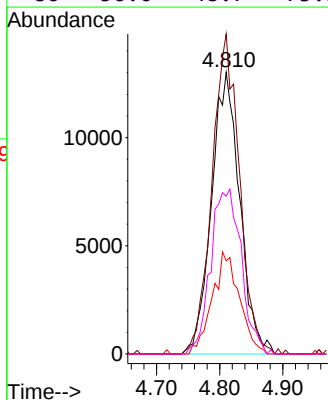
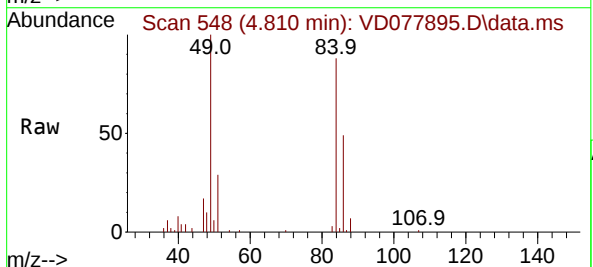
Manual Integrations
APPROVED

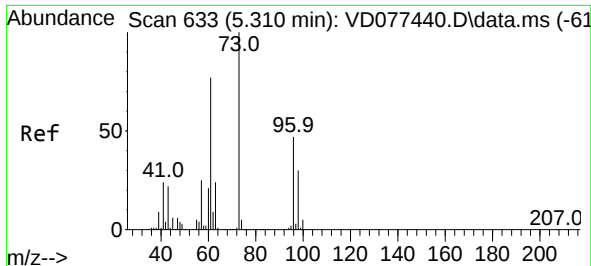
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 21.262 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

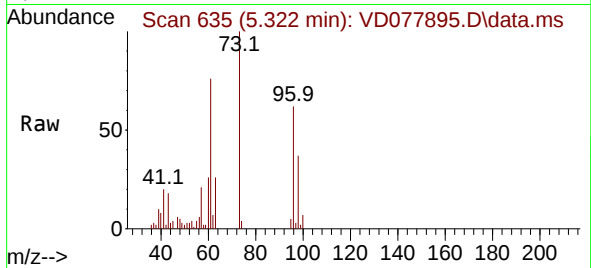
Tgt Ion: 84 Resp: 40484
Ion Ratio Lower Upper
84 100
49 113.6 71.4 107.2#
51 33.0 24.5 36.7
86 56.0 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.248 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

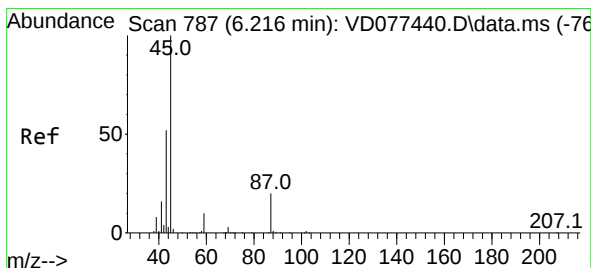
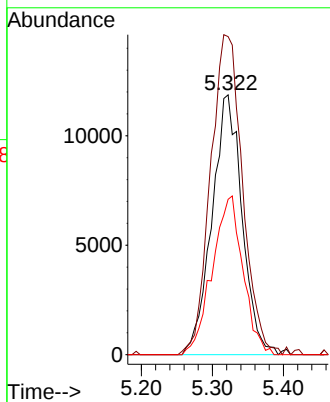
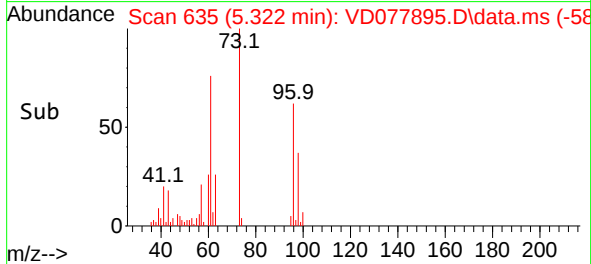
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 96 Resp: 3490
Ion Ratio Lower Upper
96 100
61 122.4 89.3 133.9
98 59.7 48.6 73.0

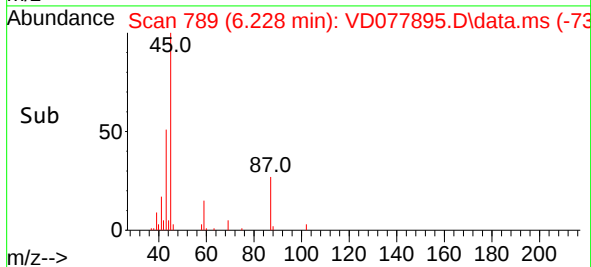
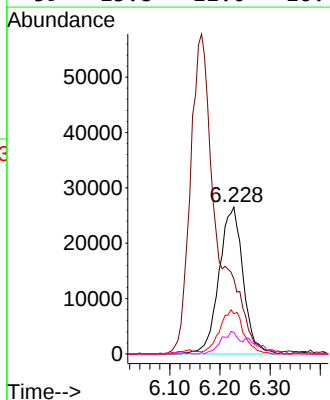
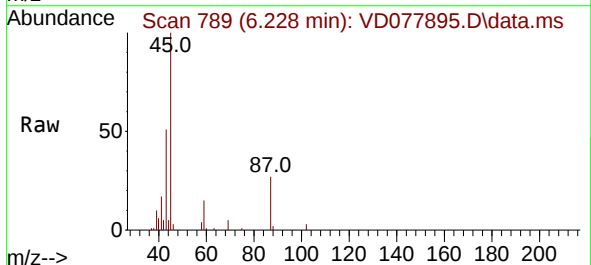
Manual Integrations
APPROVED

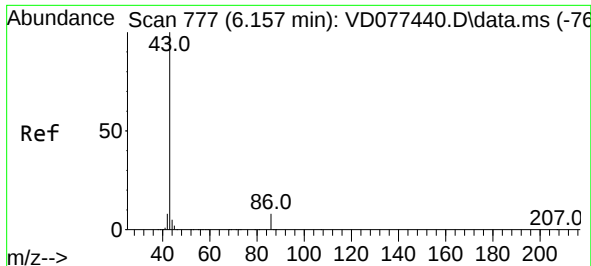
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 21.156 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 45 Resp: 88177
Ion Ratio Lower Upper
45 100
43 49.0 40.0 60.0
87 27.3 28.2 42.4#
59 13.8 11.0 16.4





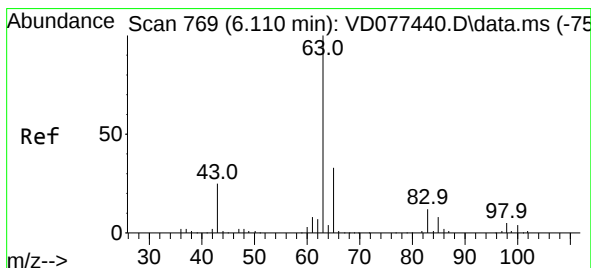
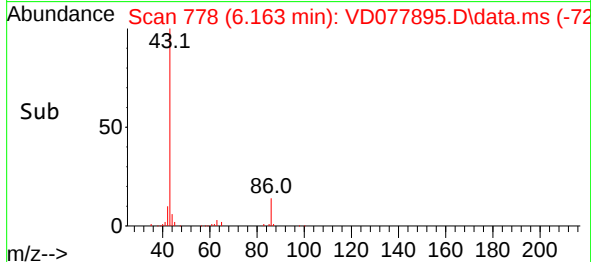
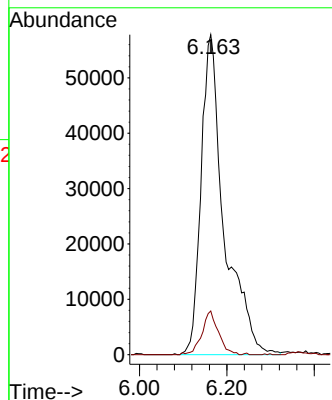
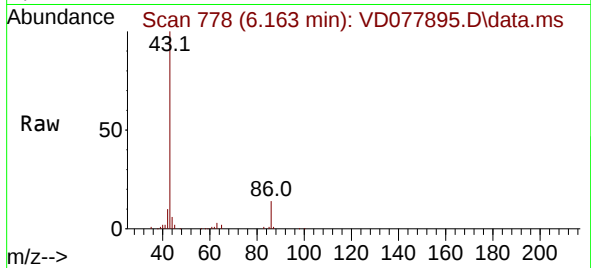
#23
 Vinyl Acetate
 Concen: 104.558 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBS01

Tgt Ion: 43 Resp: 212810
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7

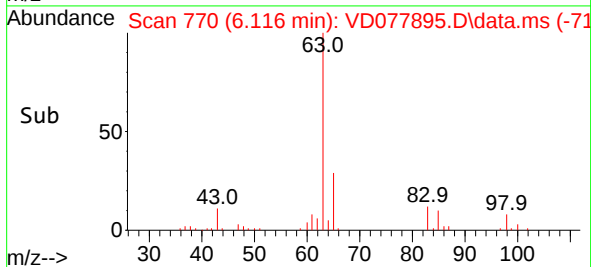
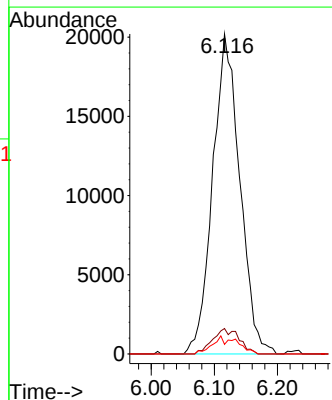
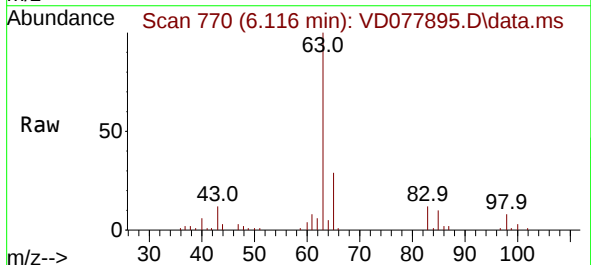
Manual Integrations
 APPROVED

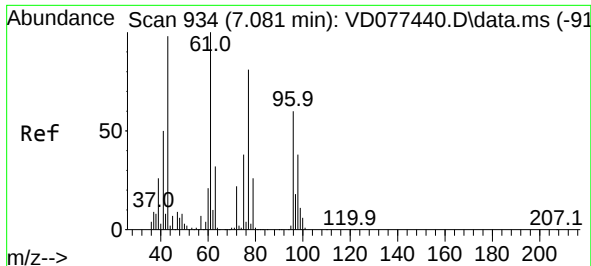
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 21.399 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

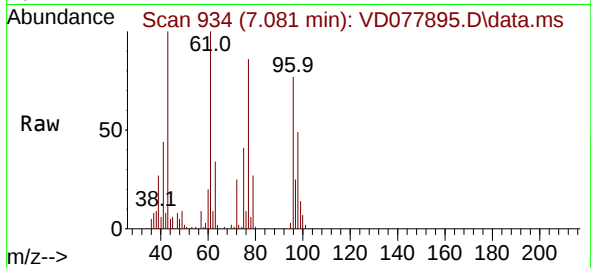
Tgt Ion: 63 Resp: 60399
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 3.0 2.5 7.5





#25
2-Butanone
Concen: 118.126 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

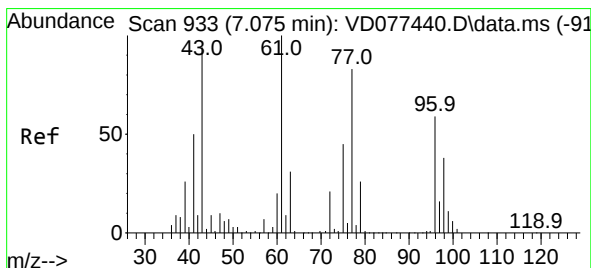
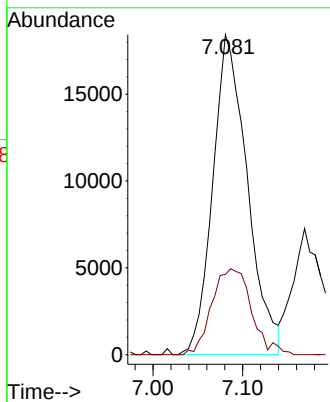
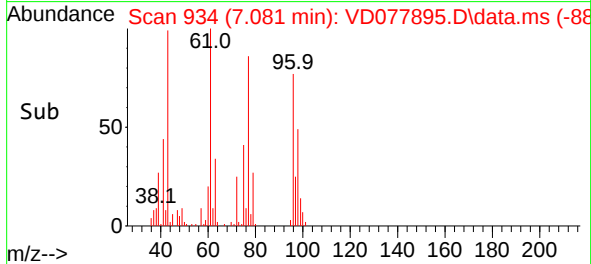
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 43 Resp: 4925
Ion Ratio Lower Upper
43 100
72 25.1 30.7 46.1

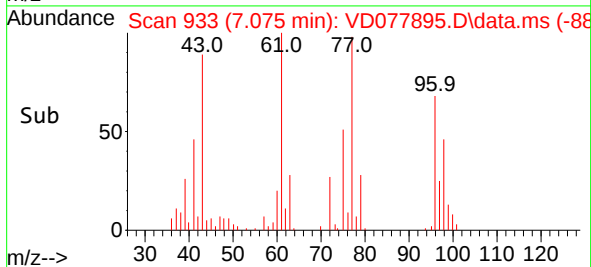
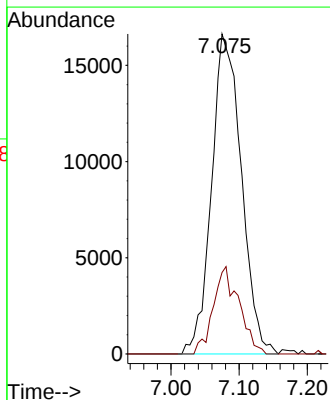
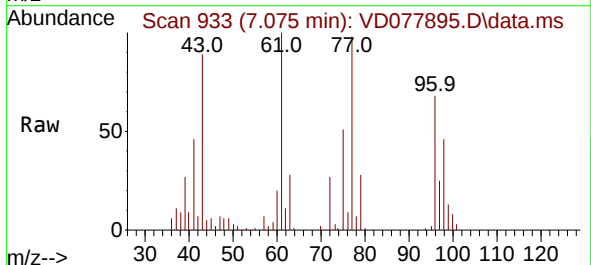
Manual Integrations
APPROVED

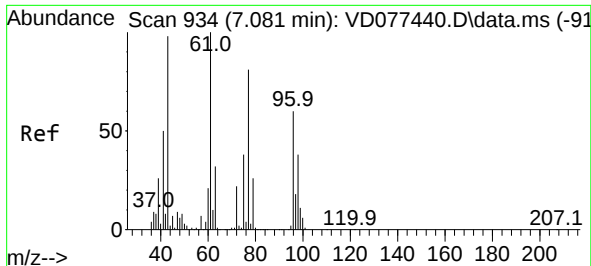
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#26
2,2-Dichloropropane
Concen: 21.330 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

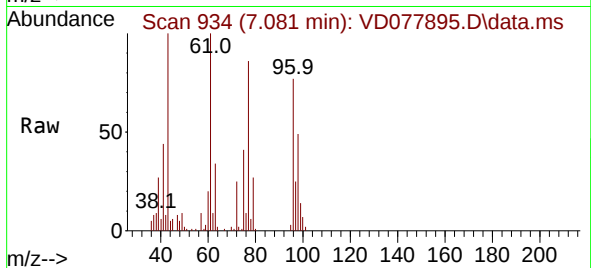
Tgt Ion: 77 Resp: 50548
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 21.974 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

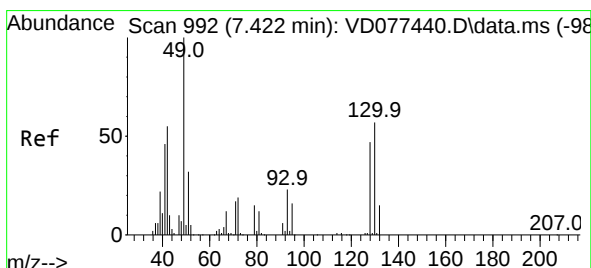
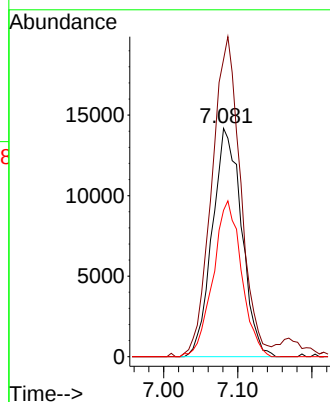
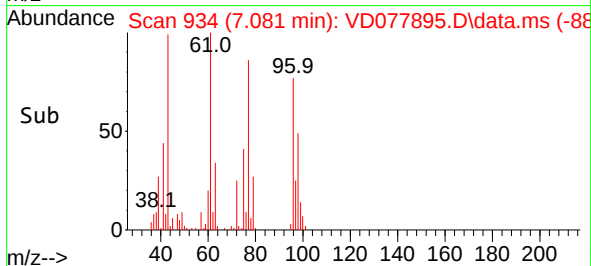
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 96 Resp: 3883
Ion Ratio Lower Upper
96 100
61 138.4 0.0 239.2
98 66.4 0.0 128.6

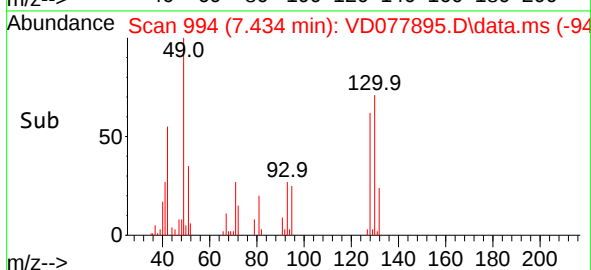
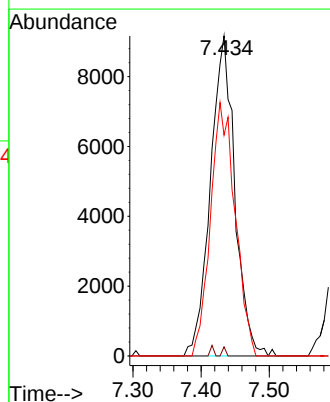
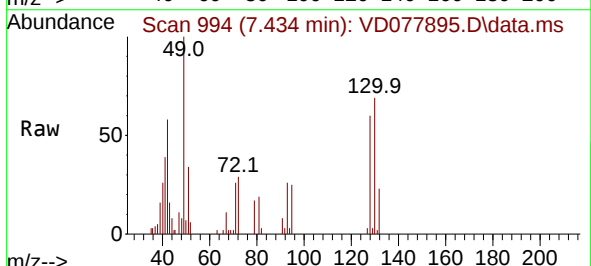
Manual Integrations
APPROVED

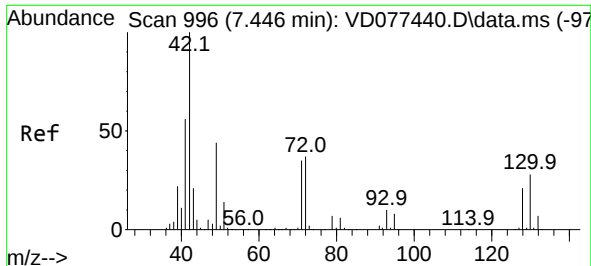
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#28
Bromochloromethane
Concen: 20.055 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 49 Resp: 22873
Ion Ratio Lower Upper
49 100
129 0.4 0.0 6.0
130 80.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 108.314 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

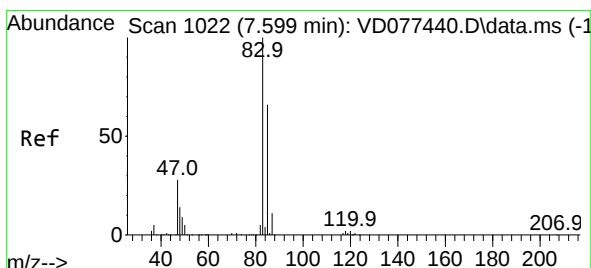
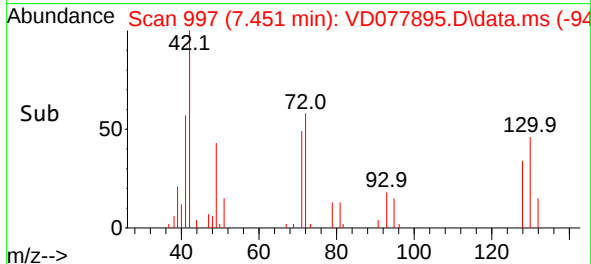
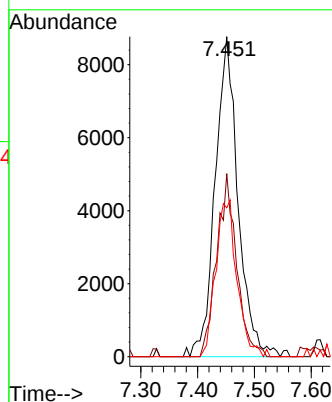
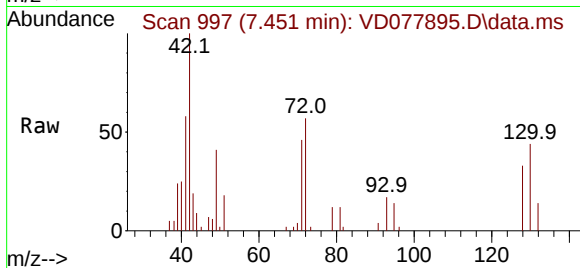
VD1215SBS01

Tgt Ion:	42	Resp:	24520
Ion Ratio	Lower	Upper	
42	100		
72	49.9	46.5	69.7
71	45.7	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 21.916 ug/l

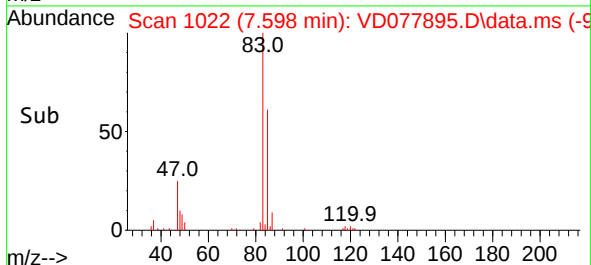
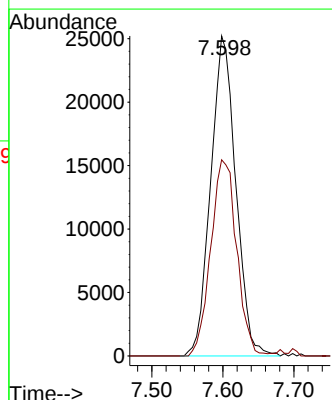
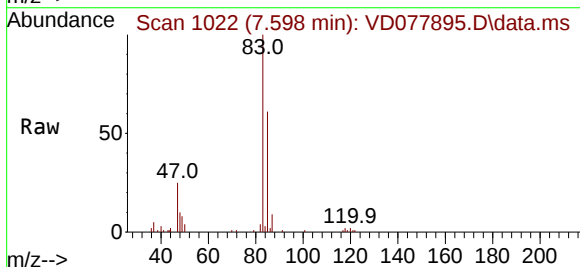
RT: 7.598 min Scan# 1022

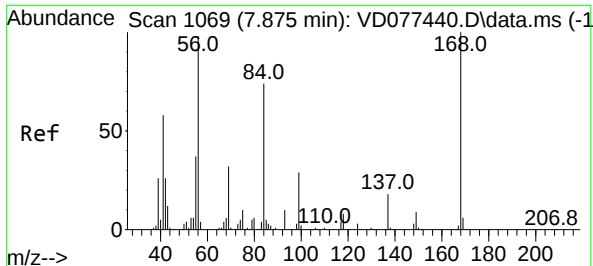
Delta R.T. -0.001 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

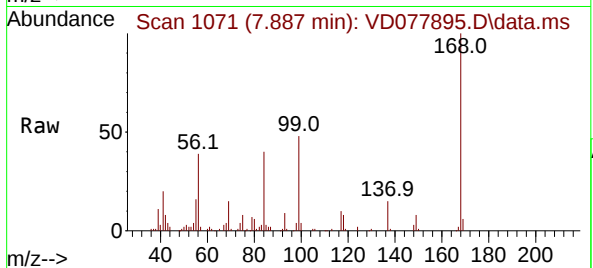
Tgt Ion:	83	Resp:	61909
Ion Ratio	Lower	Upper	
83	100		
85	61.3	53.4	80.2





#31
Cyclohexane
Concen: 20.899 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

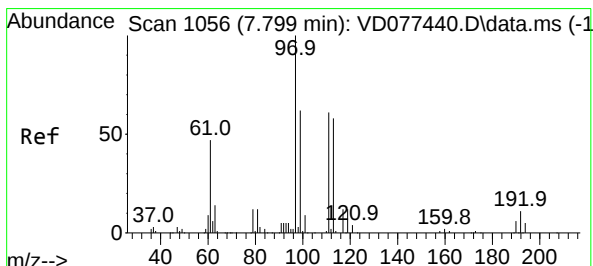
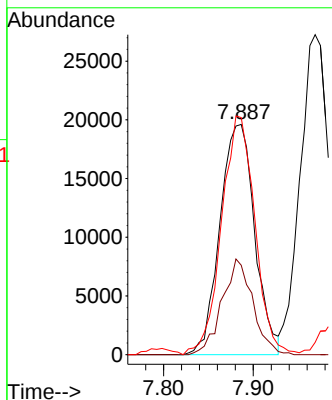
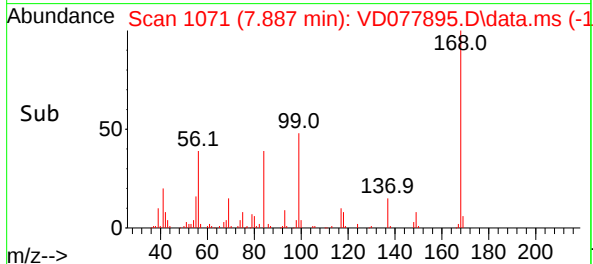
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 56 Resp: 5284
Ion Ratio Lower Upper
56 100
69 38.8 28.6 43.0
84 101.9 84.8 127.2

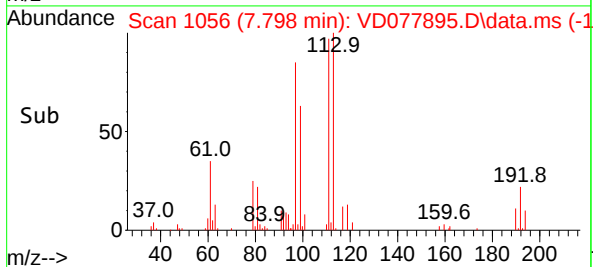
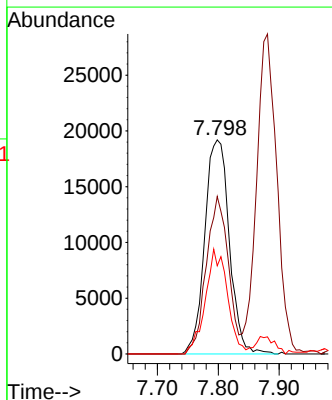
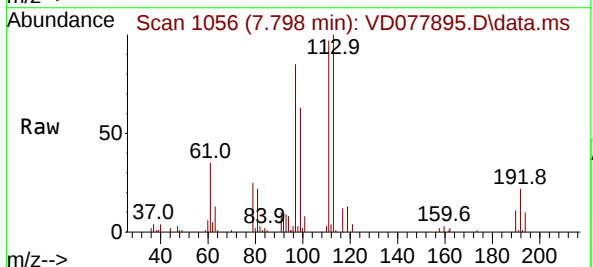
Manual Integrations
APPROVED

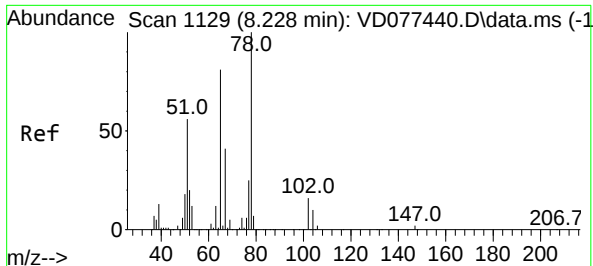
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#32
1,1,1-Trichloroethane
Concen: 21.599 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 97 Resp: 53787
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 44.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.040 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01

Tgt Ion: 65 Resp: 71138

Ion Ratio Lower Upper

65 100

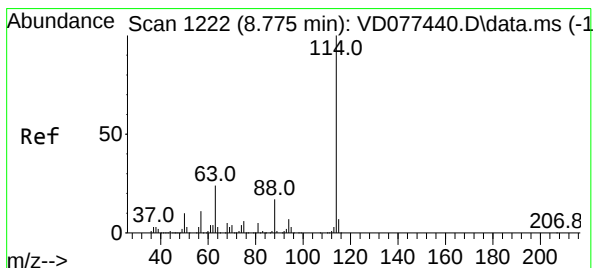
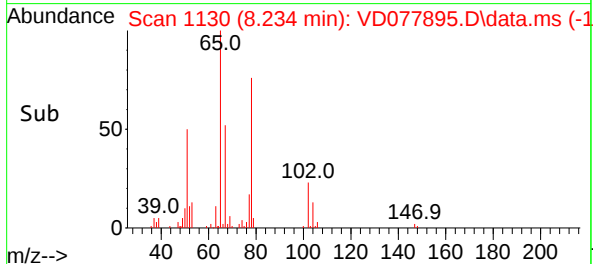
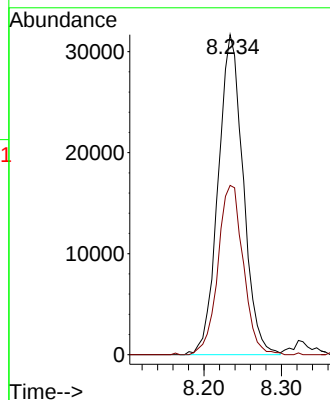
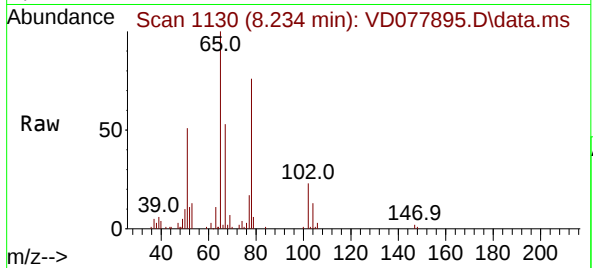
67 53.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

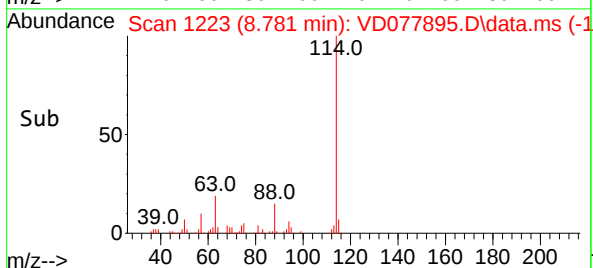
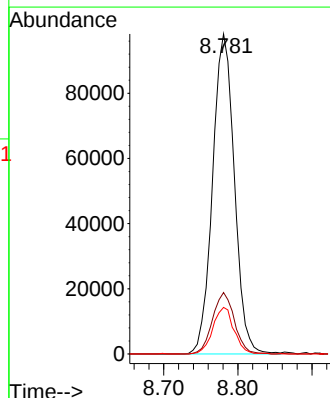
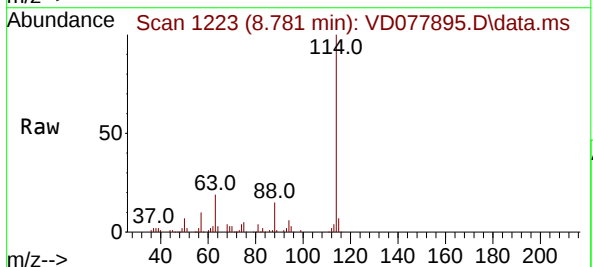
Tgt Ion:114 Resp: 200794

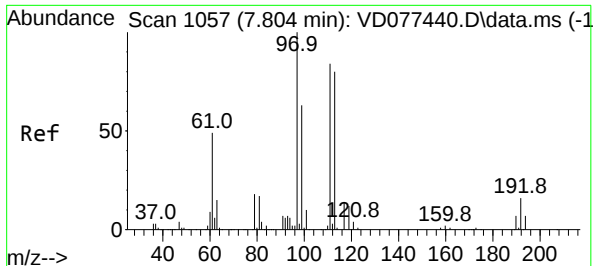
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.565 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01

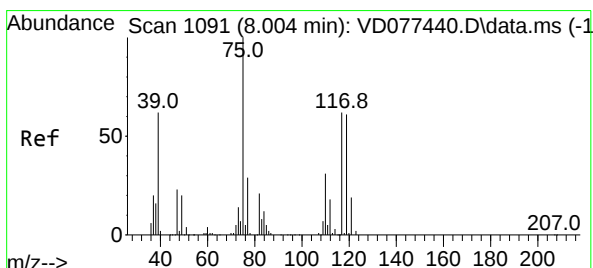
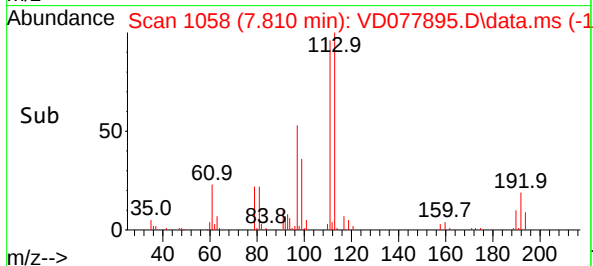
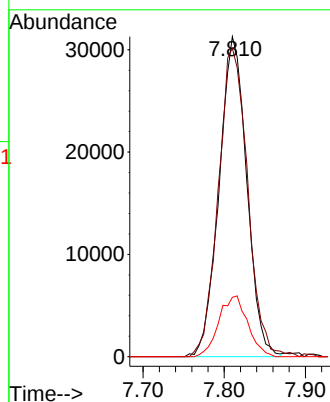
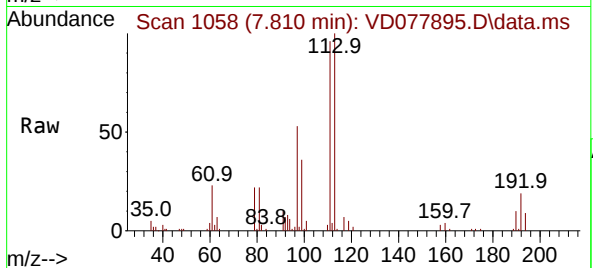
Tgt Ion: 113 Resp: 7393

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.7	127.1
192	19.9	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36

1,1-Dichloropropene

Concen: 21.336 ug/l

RT: 8.016 min Scan# 1093

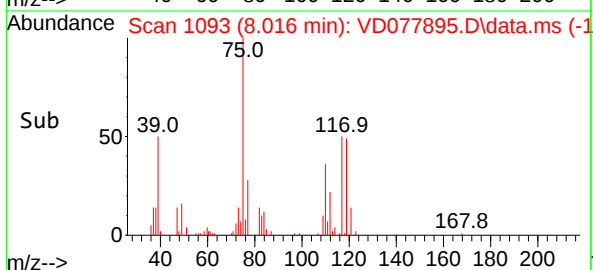
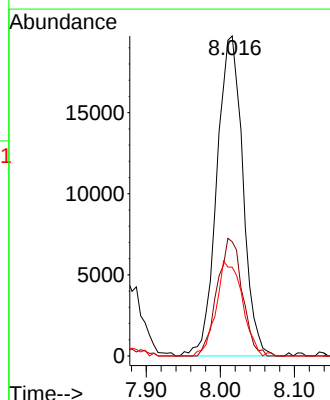
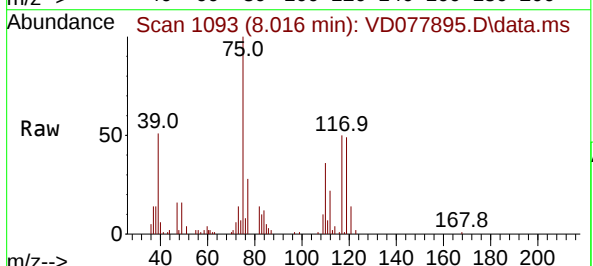
Delta R.T. 0.012 min

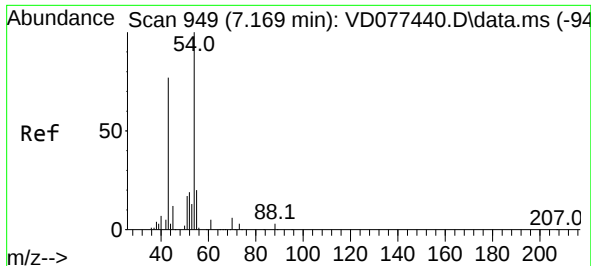
Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Tgt Ion: 75 Resp: 48000

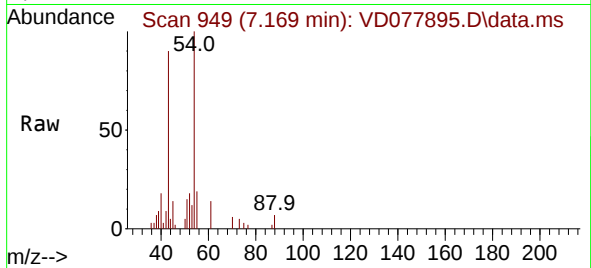
Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.9	59.6
77	29.8	24.7	37.1





#37
Ethyl Acetate
Concen: 20.274 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

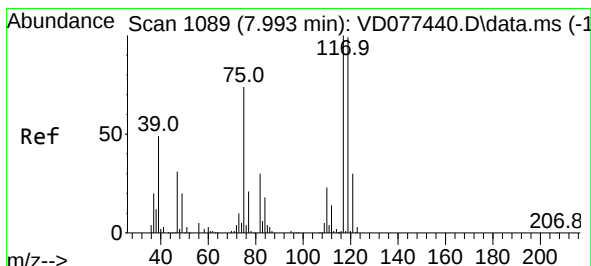
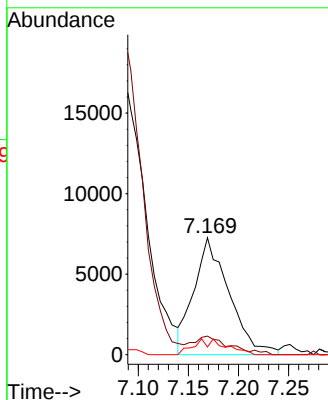
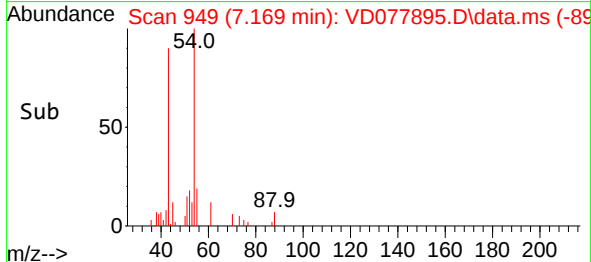
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 43 Resp: 17785
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
70 12.2 10.0 15.0

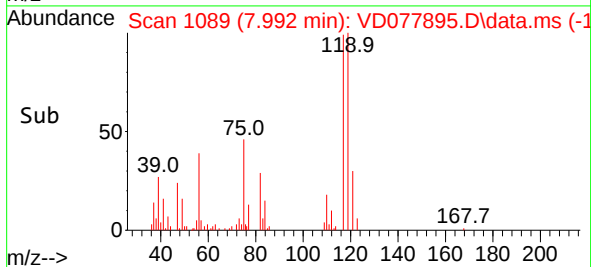
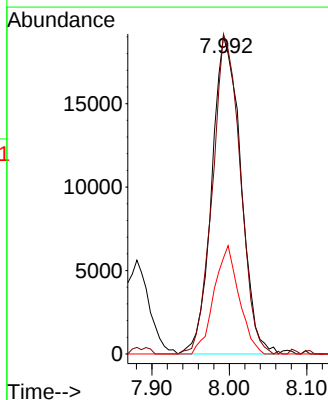
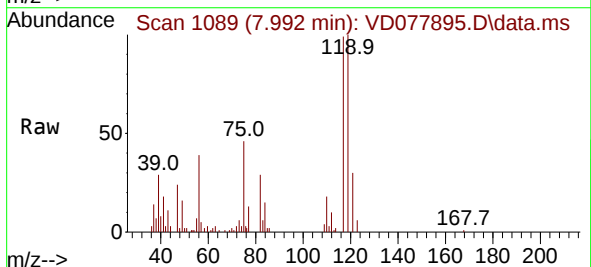
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38
Carbon Tetrachloride
Concen: 22.020 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:117 Resp: 49387
Ion Ratio Lower Upper
117 100
119 100.8 78.0 117.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 21.199 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

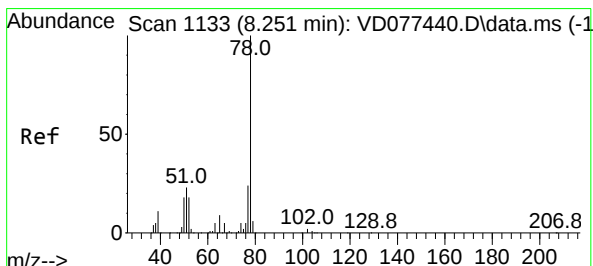
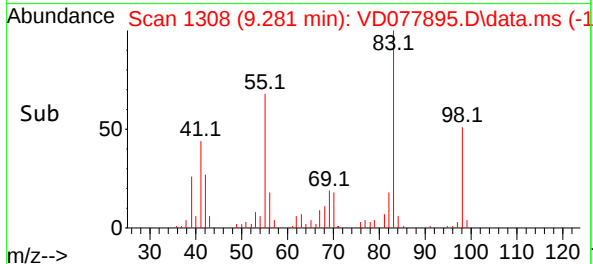
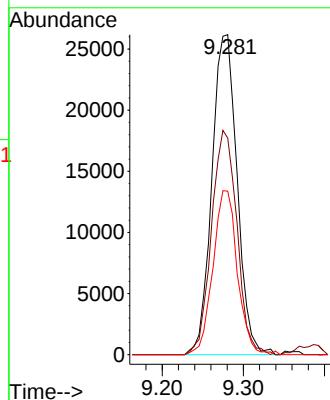
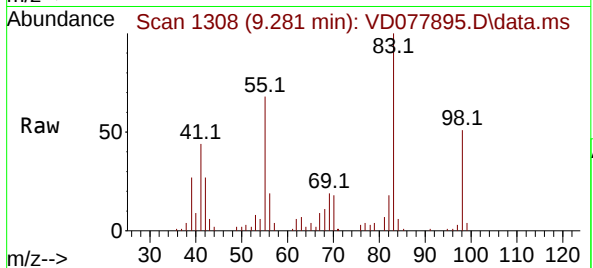
VD1215SBS01

Tgt Ion:	83	Resp:	56539
Ion Ratio	Lower	Upper	
83	100		
55	67.7	49.4	74.0
98	51.1	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40

Benzene

Concen: 21.942 ug/l

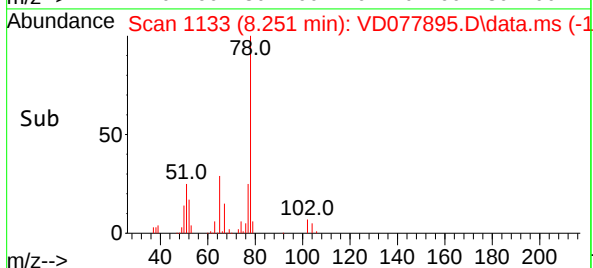
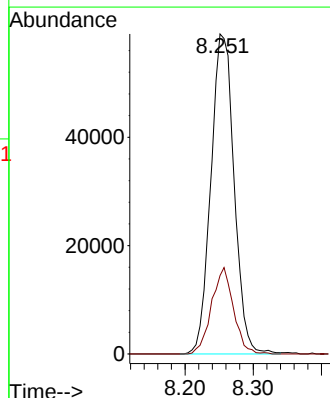
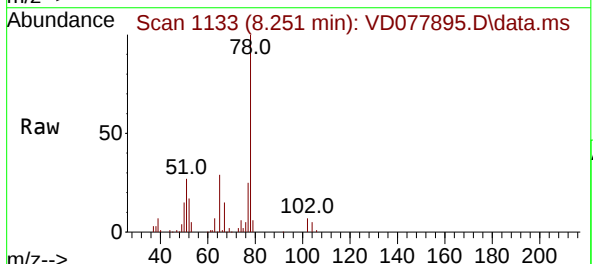
RT: 8.251 min Scan# 1133

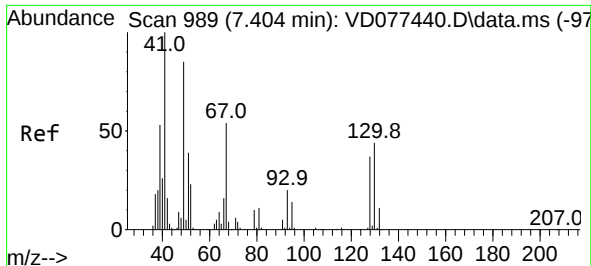
Delta R.T. 0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

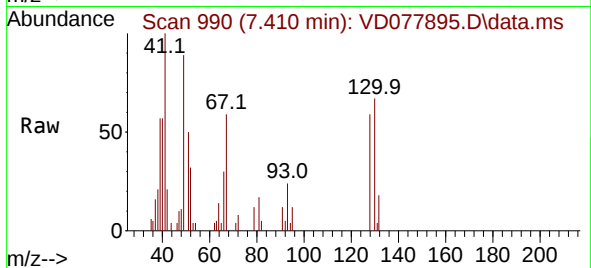
Tgt Ion:	78	Resp:	140106
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.4	29.0





#41
Methacrylonitrile
Concen: 22.170 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

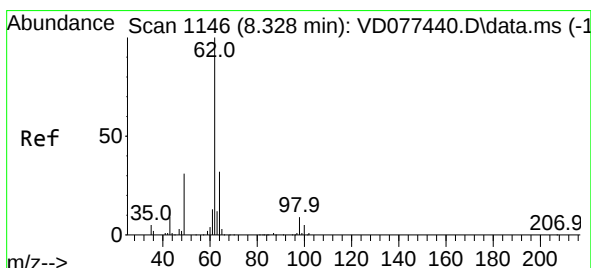
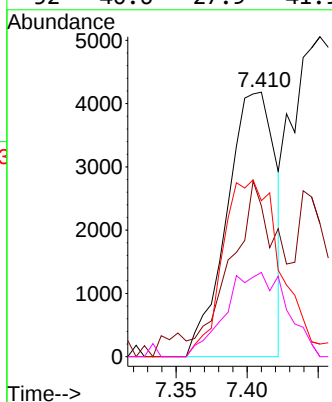
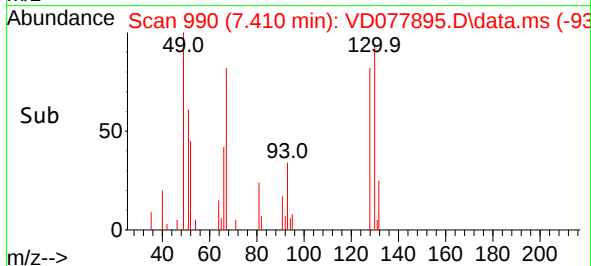
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 41 Resp: 988
Ion Ratio Lower Upper
41 100
39 53.7 34.0 51.0
67 81.8 77.0 115.4
52 40.6 27.9 41.9

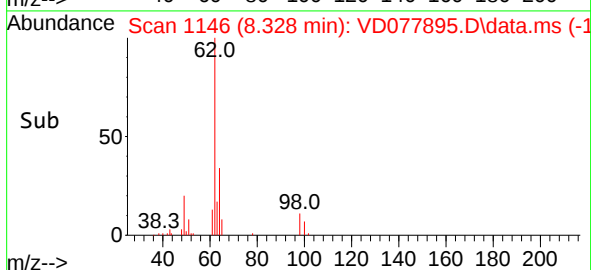
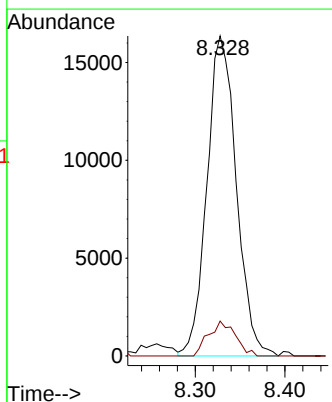
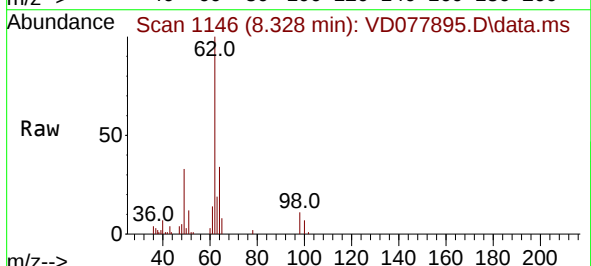
Manual Integrations
APPROVED

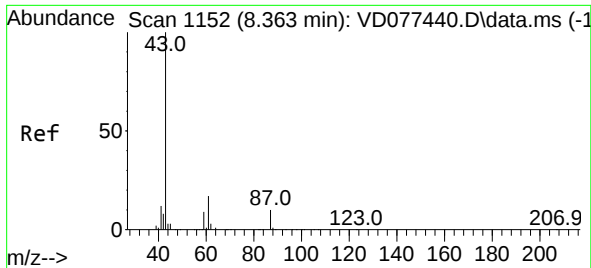
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 22.463 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

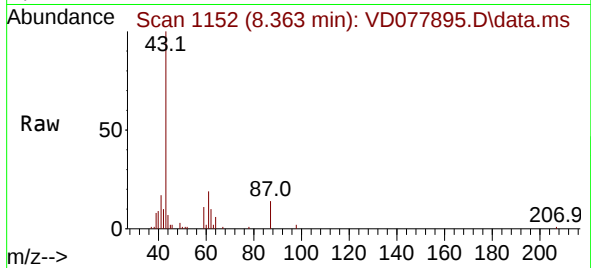
Tgt Ion: 62 Resp: 37179
Ion Ratio Lower Upper
62 100
98 10.0 0.0 25.4





#43
Isopropyl Acetate
Concen: 21.542 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

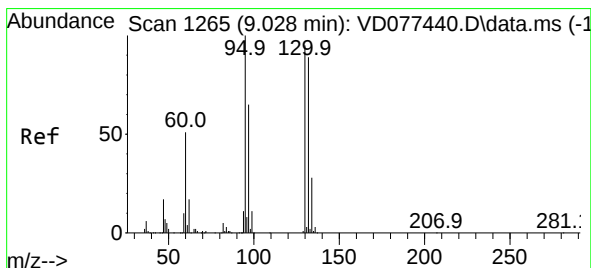
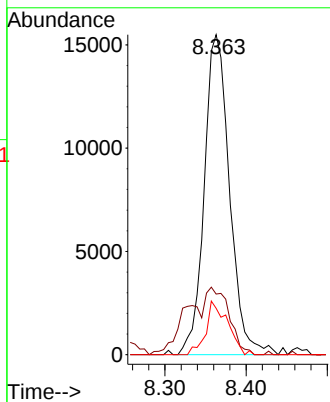
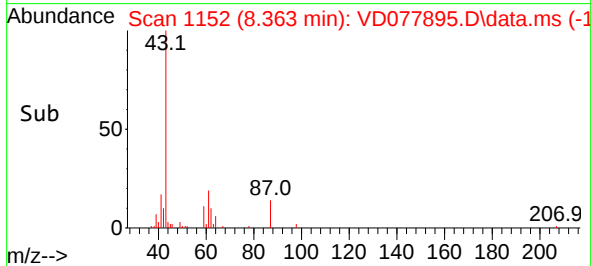
Instrument : MSVOA_D
ClientSampleId : VD1215SBS01



Tgt Ion: 43 Resp: 3359
Ion Ratio Lower Upper
43 100
61 19.5 31.4 47.0
87 14.4 14.9 22.3

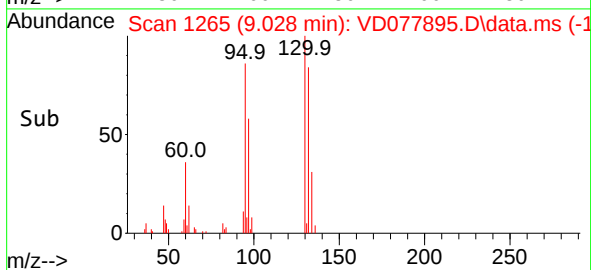
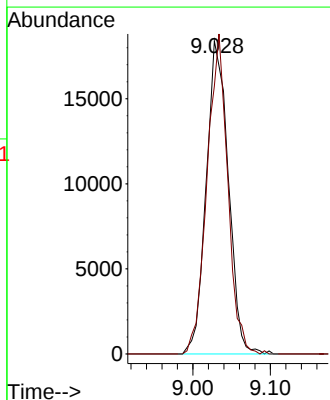
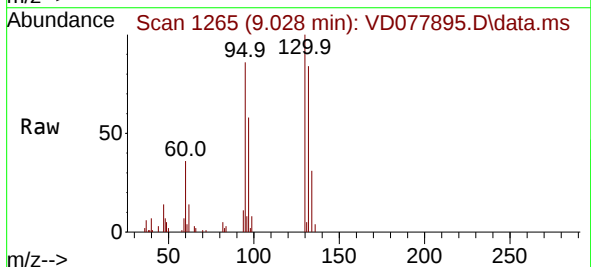
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 21.980 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:130 Resp: 36575
Ion Ratio Lower Upper
130 100
95 85.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.092 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01

Tgt Ion: 63 Resp: 3429

Ion Ratio Lower Upper

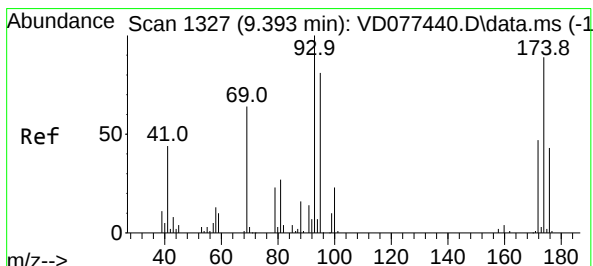
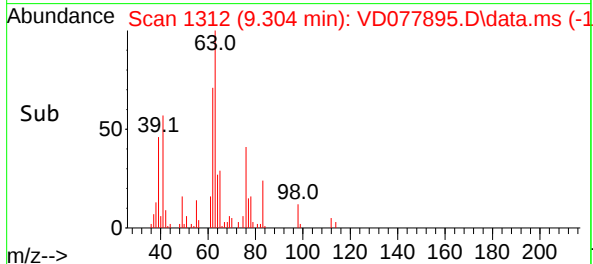
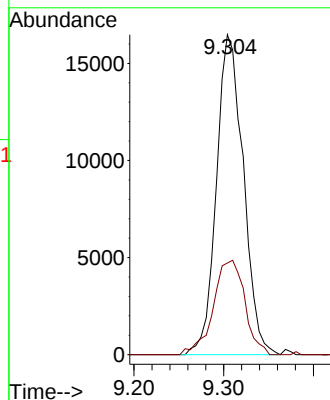
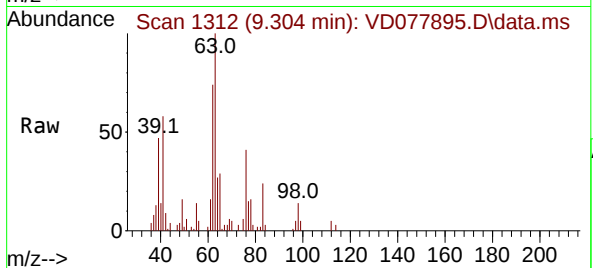
63 100

65 28.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 22.343 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

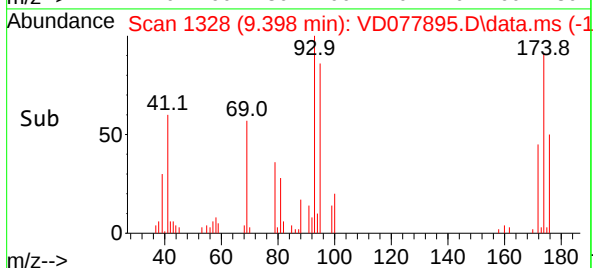
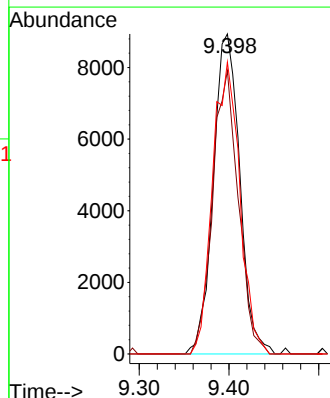
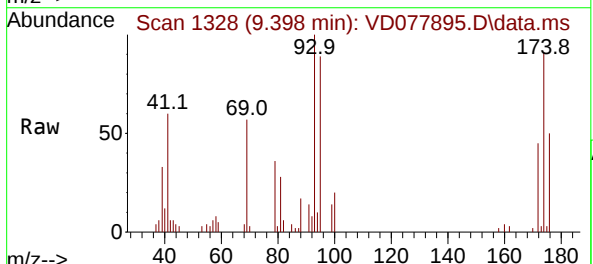
Tgt Ion: 93 Resp: 18351

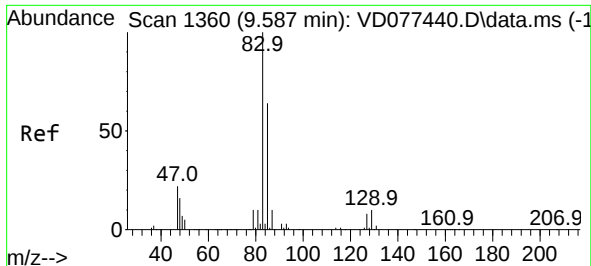
Ion Ratio Lower Upper

93 100

95 85.9 67.7 101.5

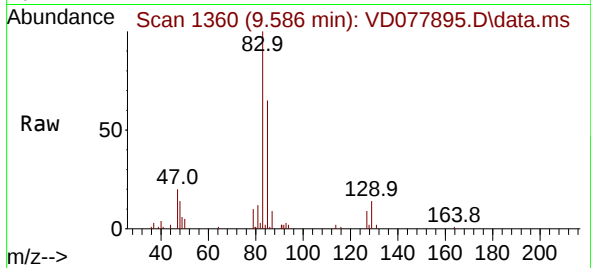
174 93.5 85.4 128.2





#47
Bromodichloromethane
Concen: 22.453 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

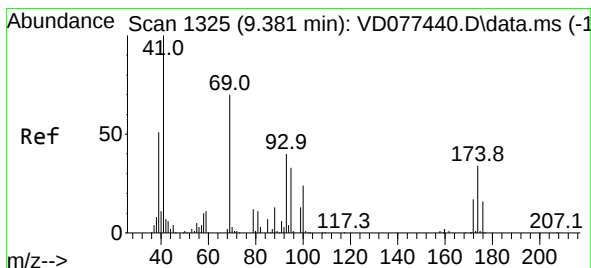
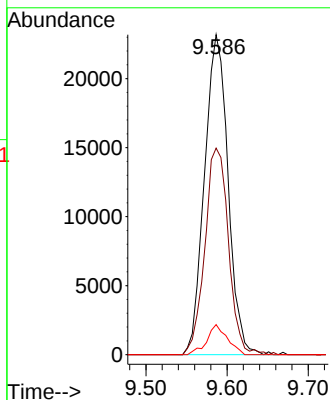
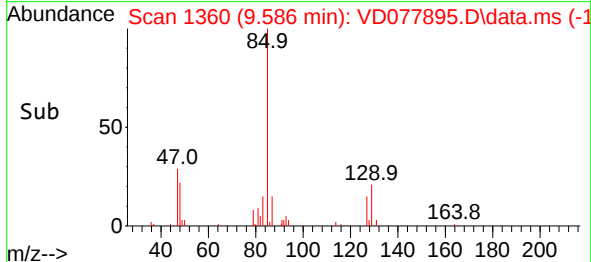
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



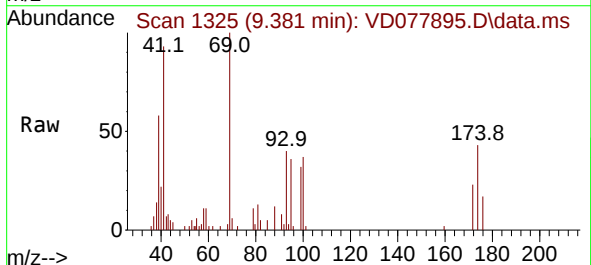
Tgt Ion: 83 Resp: 4674
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 9.4 6.3 9.5

Manual Integrations
APPROVED

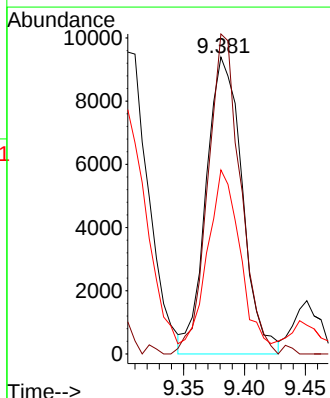
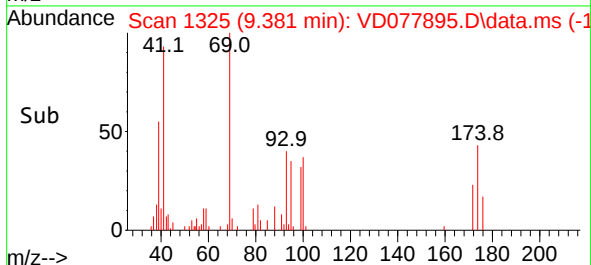
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

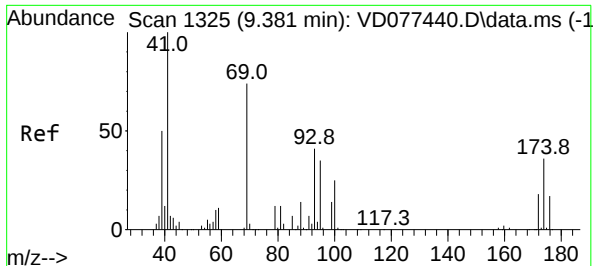


#48
Methyl methacrylate
Concen: 21.810 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



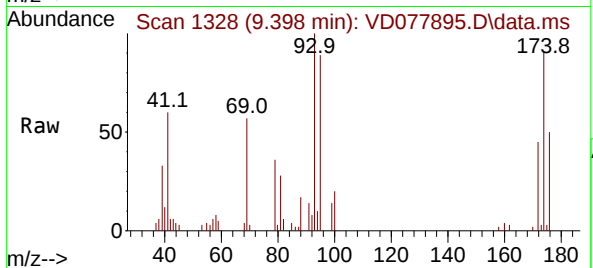
Tgt Ion: 41 Resp: 19333
Ion Ratio Lower Upper
41 100
69 97.2 102.2 153.2#
39 50.6 41.4 62.2





#49
1,4-Dioxane
Concen: 462.148 ug/l
RT: 9.398 min Scan# 11
Delta R.T. 0.017 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

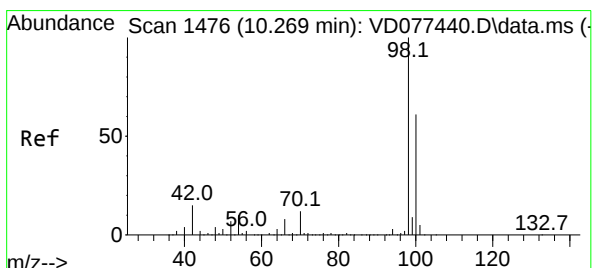
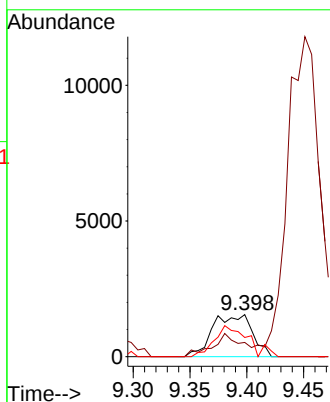
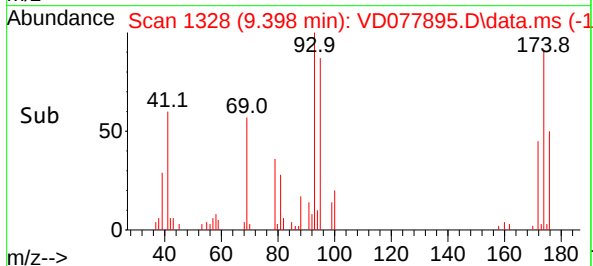
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 88 Resp: 3769
Ion Ratio Lower Upper
88 100
43 40.1 19.0 28.6
58 62.9 43.5 65.3

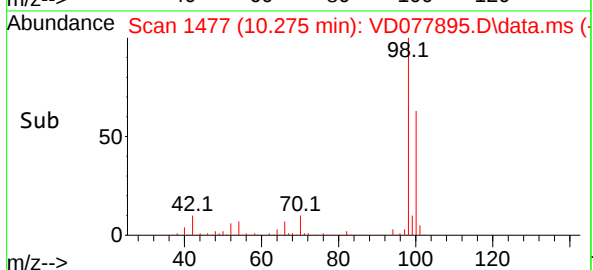
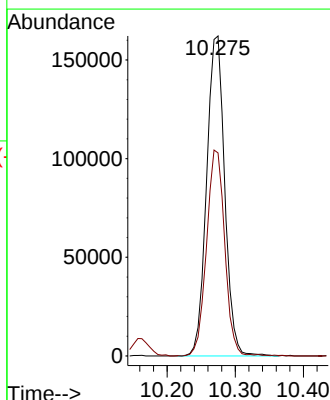
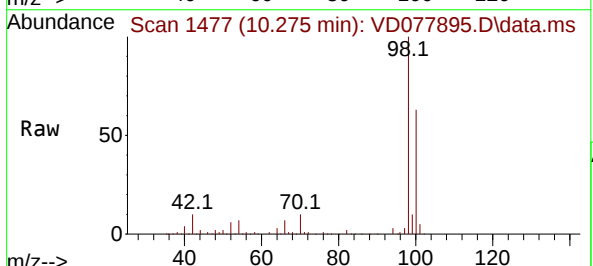
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50
Toluene-d8
Concen: 53.205 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

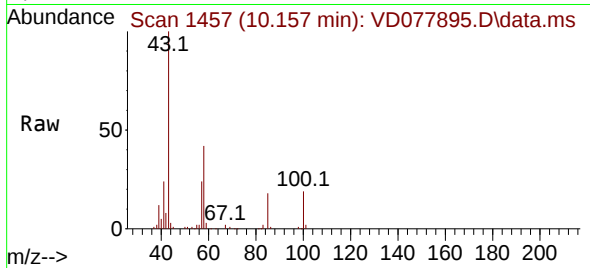
Tgt Ion: 98 Resp: 299712
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 106.368 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

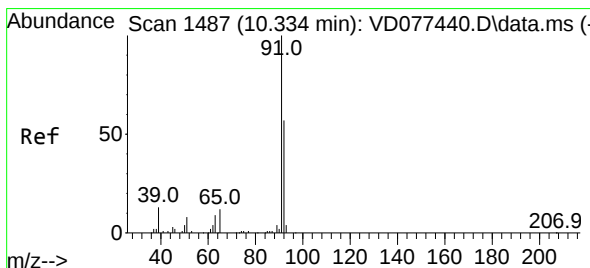
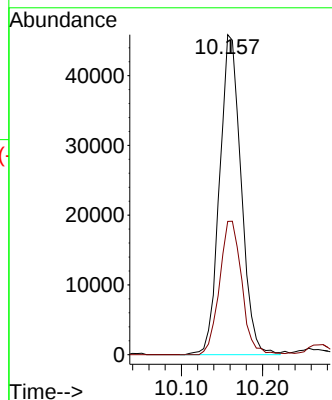
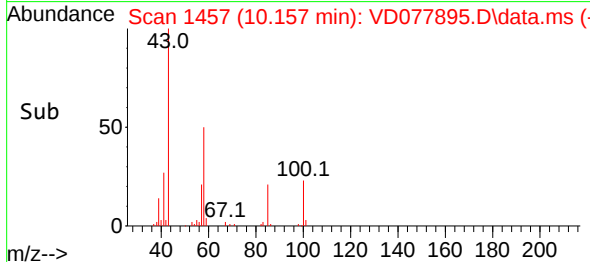
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



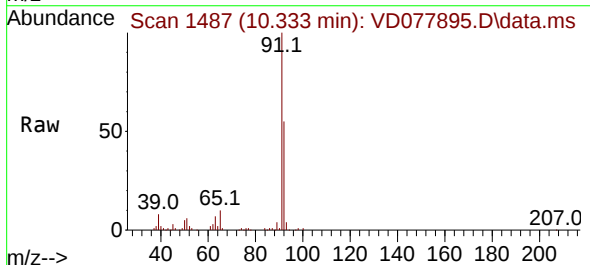
Tgt Ion: 43 Resp: 8465
Ion Ratio Lower Upper
43 100
58 43.1 38.9 58.3

Manual Integrations
APPROVED

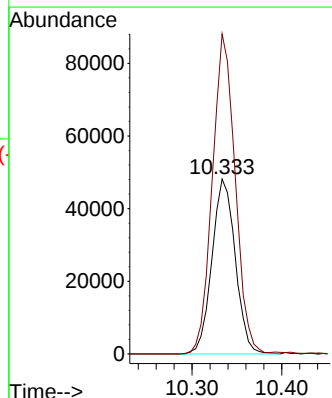
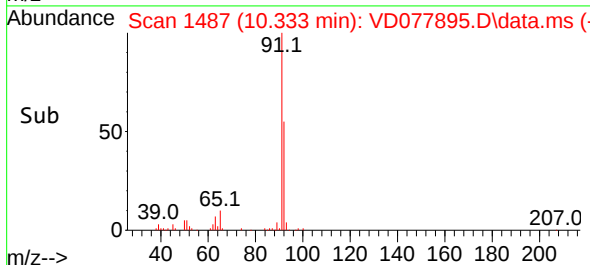
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

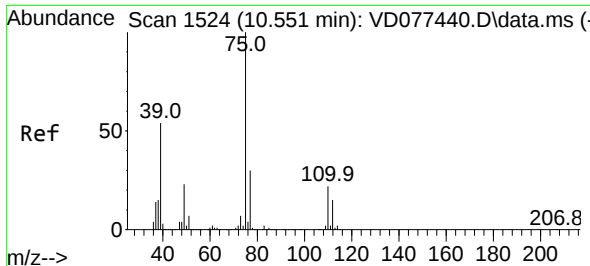


#52
Toluene
Concen: 21.926 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



Tgt Ion: 92 Resp: 86847
Ion Ratio Lower Upper
92 100
91 179.4 143.0 214.4





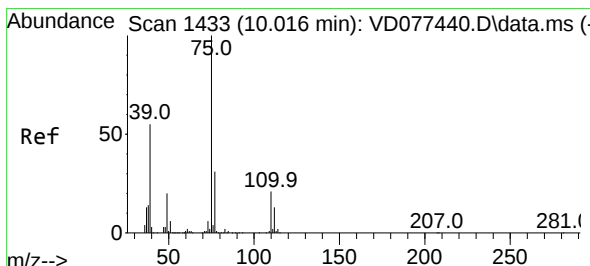
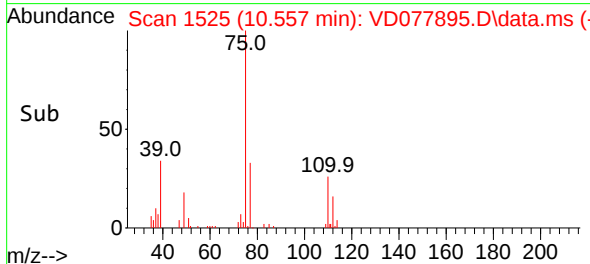
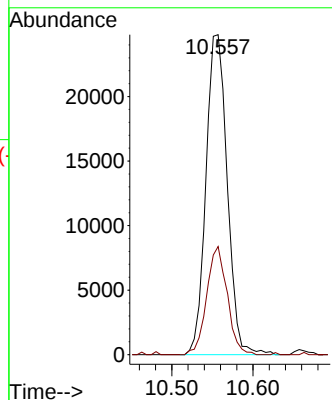
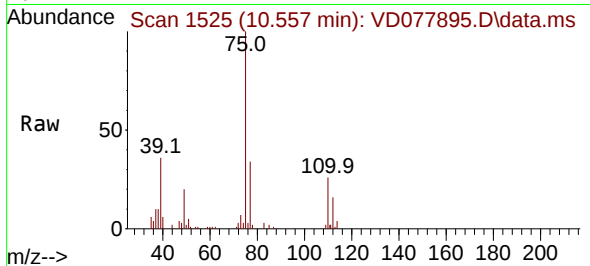
#53
t-1,3-Dichloropropene
Concen: 22.586 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01

Tgt Ion: 75 Resp: 4515
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9

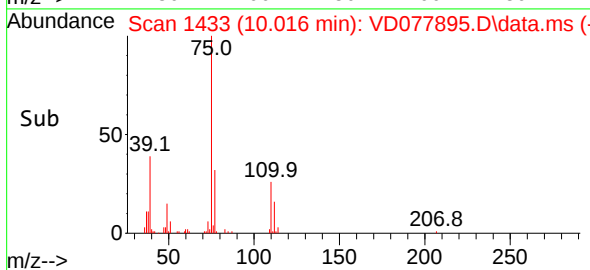
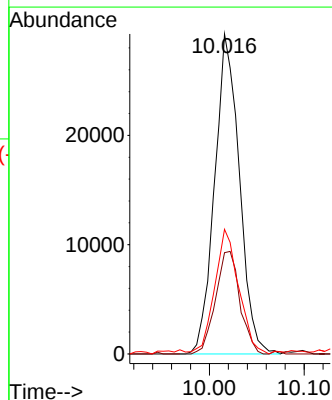
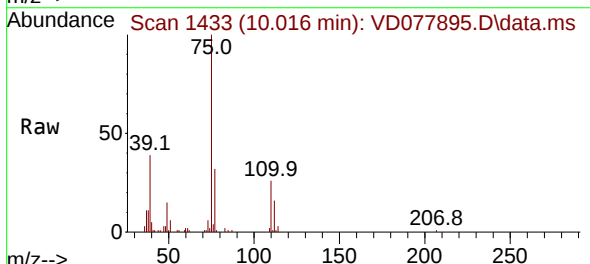
Manual Integrations
APPROVED

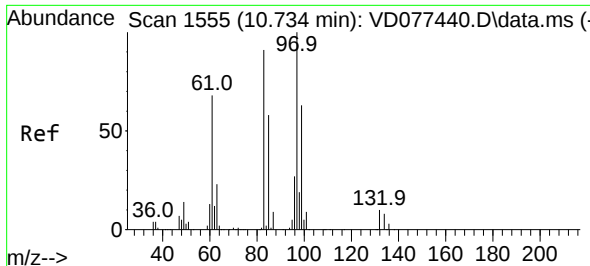
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#54
cis-1,3-Dichloropropene
Concen: 21.974 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

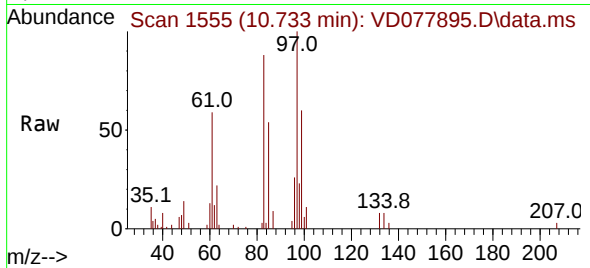
Tgt Ion: 75 Resp: 53110
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 38.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 22.771 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

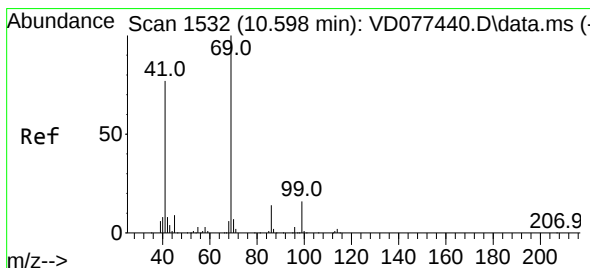
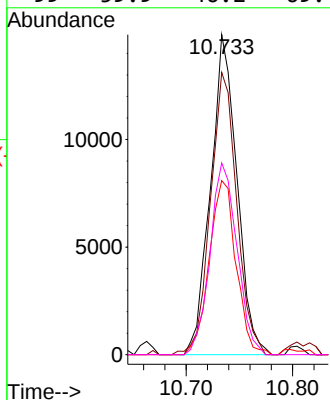
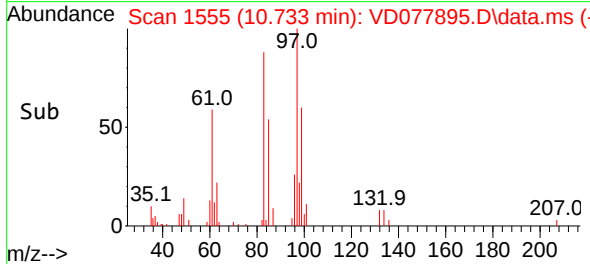
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion:	97	Resp:	2558
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.6
85	54.4	45.7	68.5
99	59.9	46.2	69.4

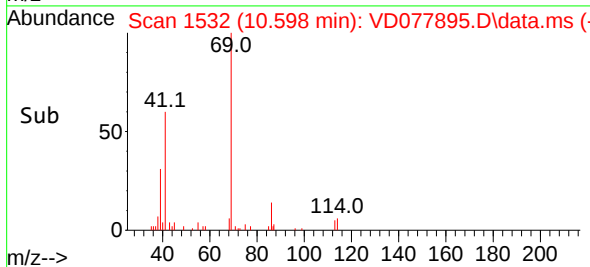
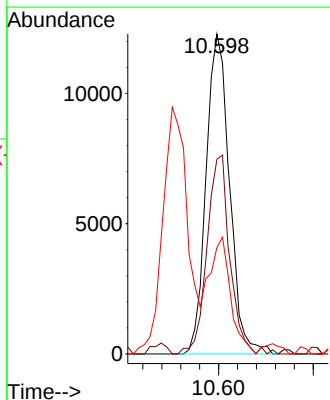
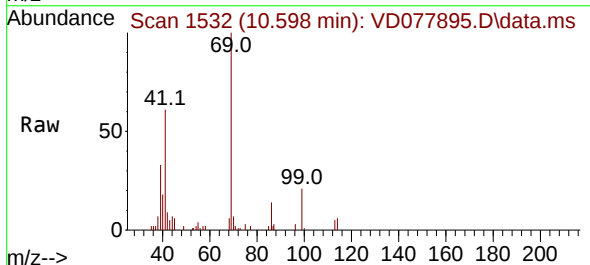
Manual Integrations
APPROVED

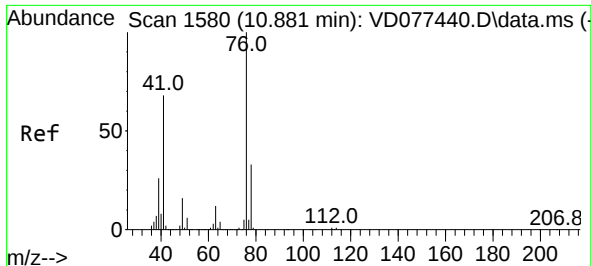
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#56
Ethyl methacrylate
Concen: 21.350 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:	69	Resp:	21144
Ion	Ratio	Lower	Upper
69	100		
41	59.8	39.1	58.7#
39	34.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 22.336 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01

Tgt Ion: 76 Resp: 4325

Ion Ratio Lower Upper

76 100

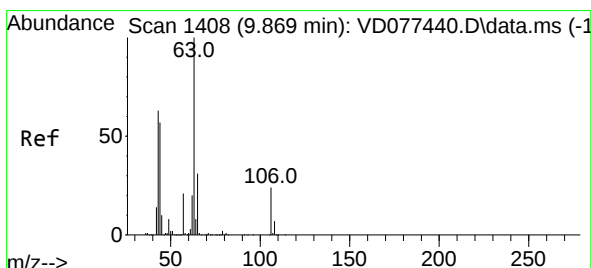
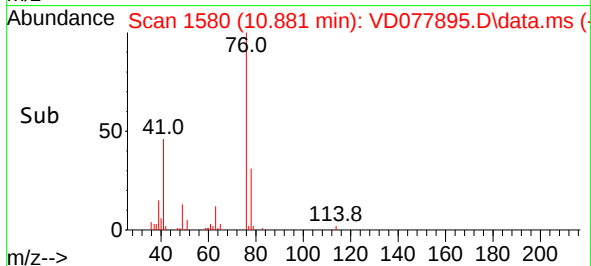
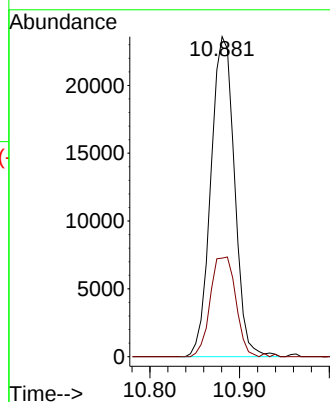
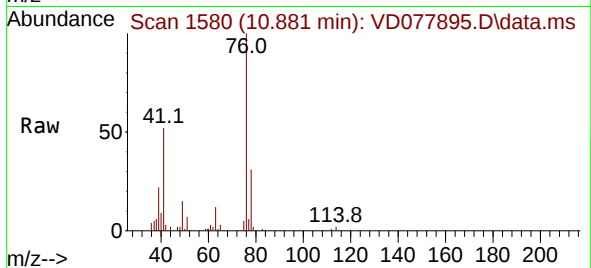
78 33.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 113.093 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077895.D

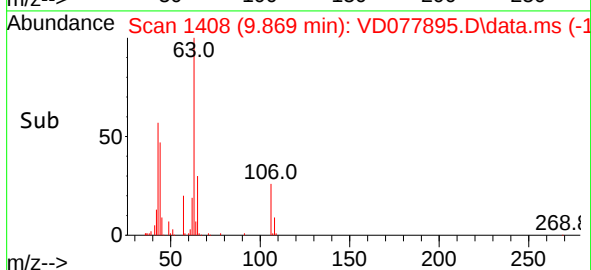
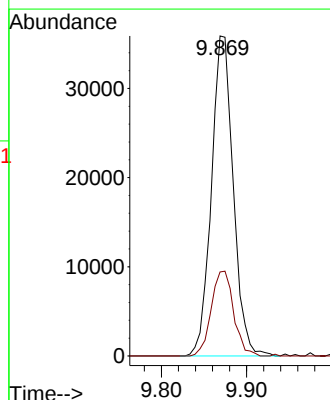
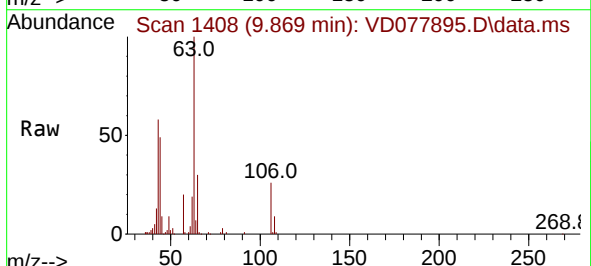
Acq: 15 Dec 2023 11:04

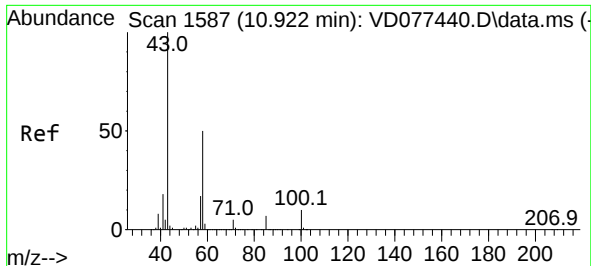
Tgt Ion: 63 Resp: 63871

Ion Ratio Lower Upper

63 100

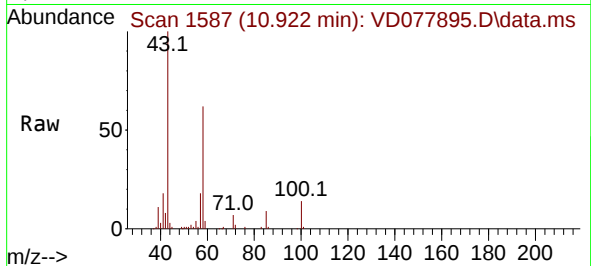
106 27.2 25.3 37.9





#59
2-Hexanone
Concen: 115.717 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

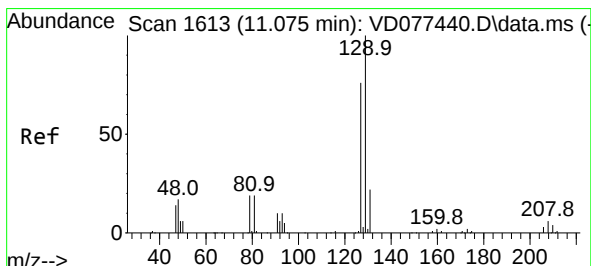
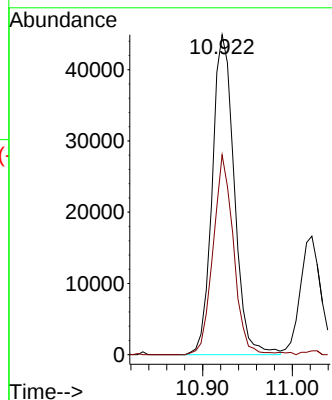
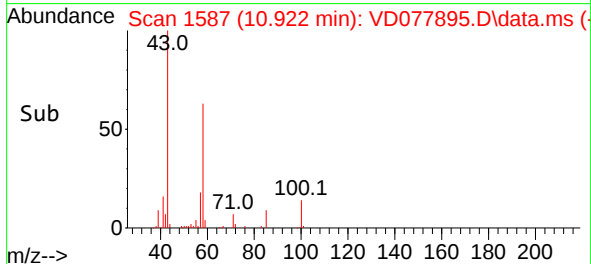
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 43 Resp: 7640
Ion Ratio Lower Upper
43 100
58 57.9 34.1 102.2

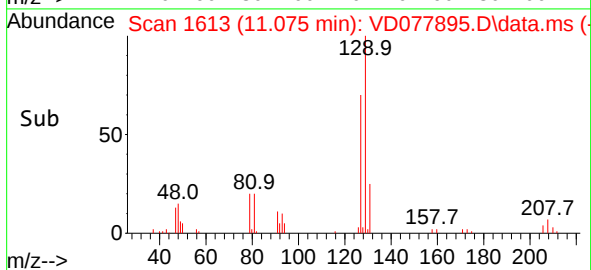
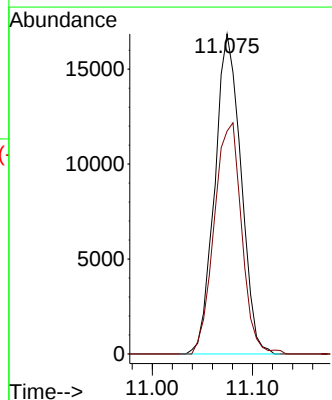
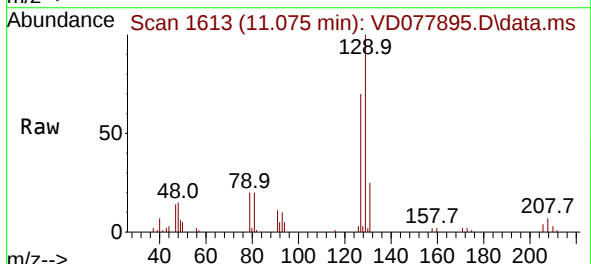
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 22.601 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

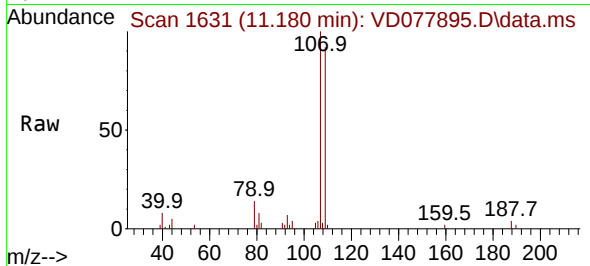
Tgt Ion:129 Resp: 30570
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 21.756 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

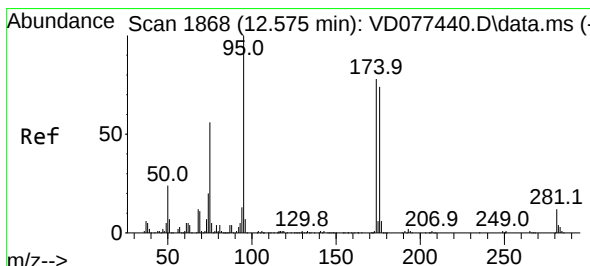
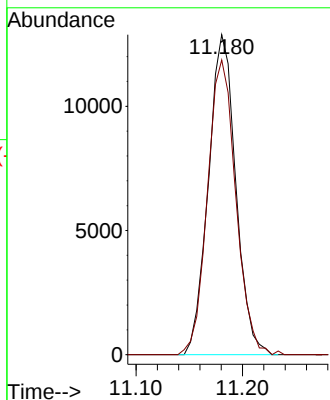
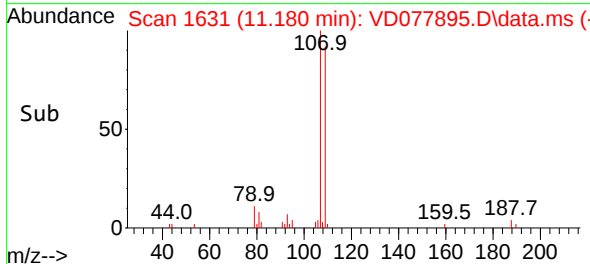
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



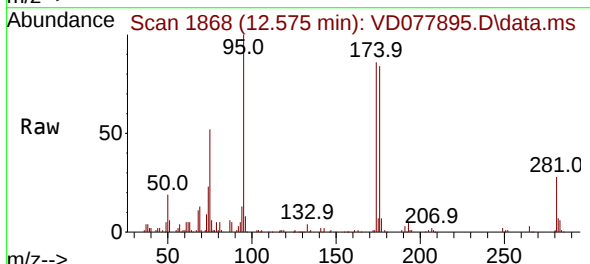
Tgt Ion:107 Resp: 2300
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

Manual Integrations
APPROVED

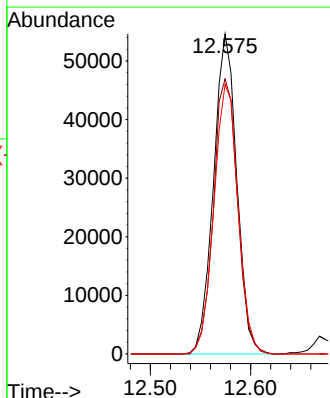
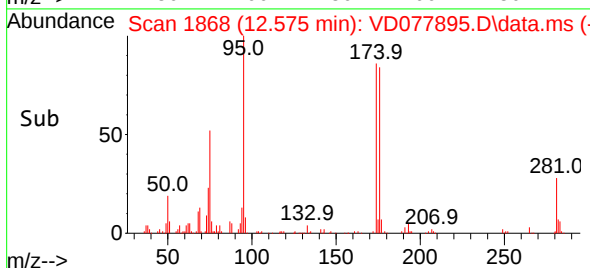
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

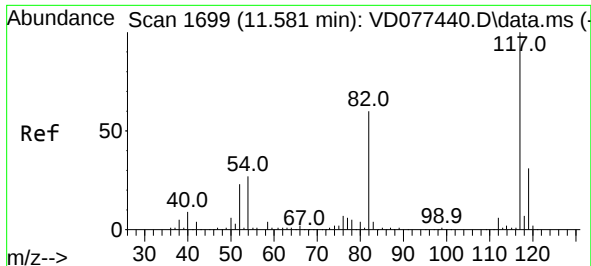


#62
4-Bromofluorobenzene
Concen: 52.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



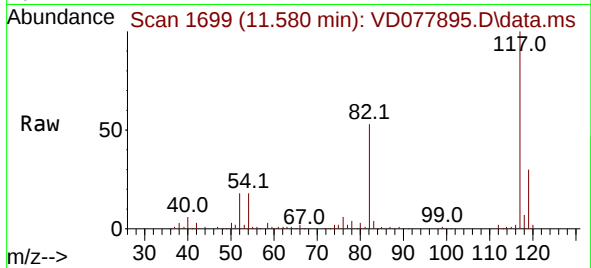
Tgt Ion: 95 Resp: 87960
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 87.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

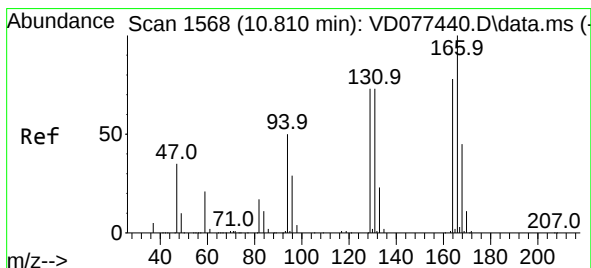
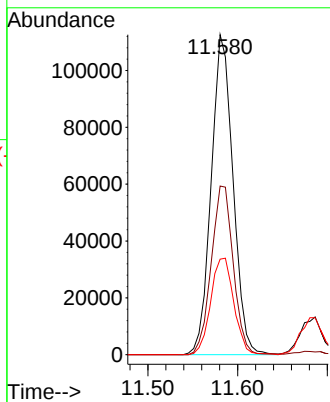
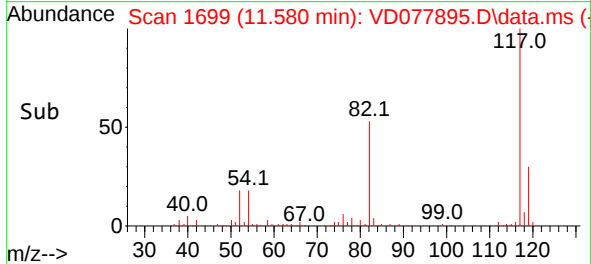
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion:117 Resp: 19001
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 29.9 25.0 37.4

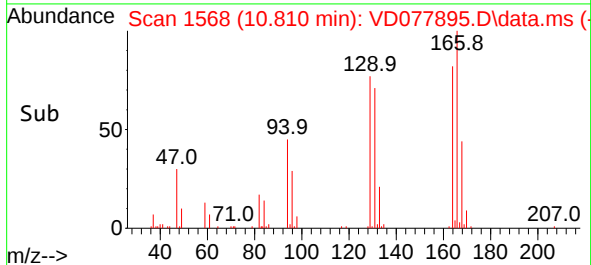
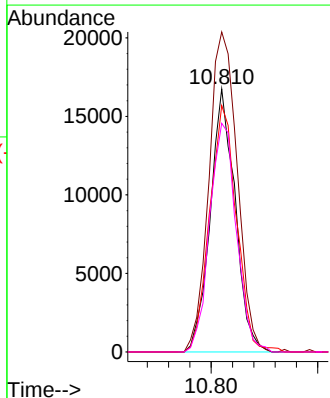
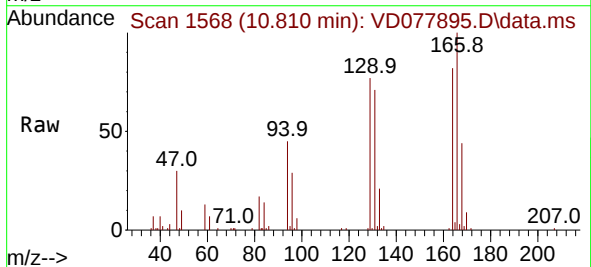
Manual Integrations
APPROVED

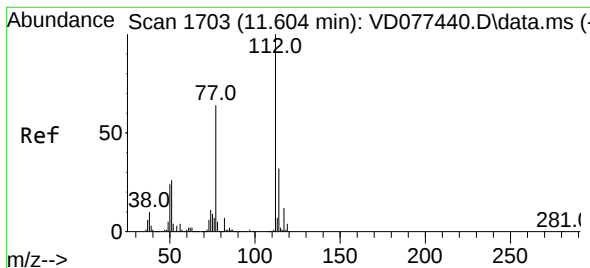
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#64
Tetrachloroethene
Concen: 19.390 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:164 Resp: 27079
Ion Ratio Lower Upper
164 100
166 121.6 99.2 148.8
129 93.7 68.4 102.6
131 86.9 63.8 95.8





#65

Chlorobenzene

Concen: 19.474 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077895.D

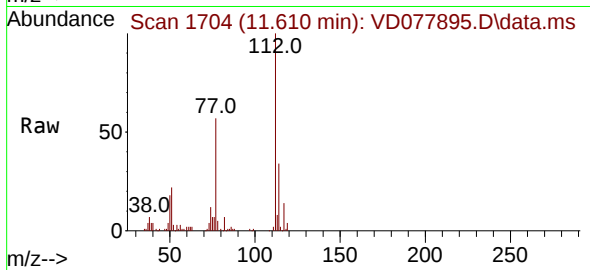
Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01



Tgt Ion:112 Resp: 92308

Ion Ratio Lower Upper

112 100

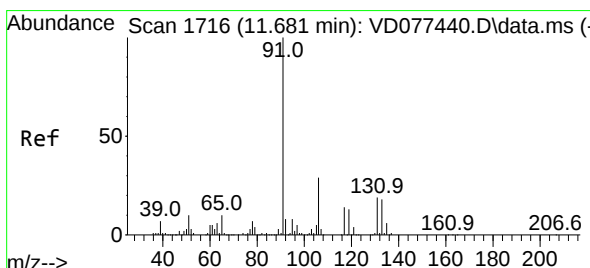
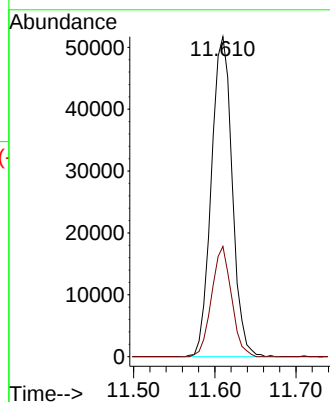
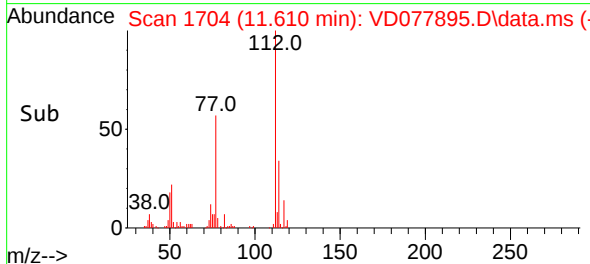
114 34.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 21.476 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

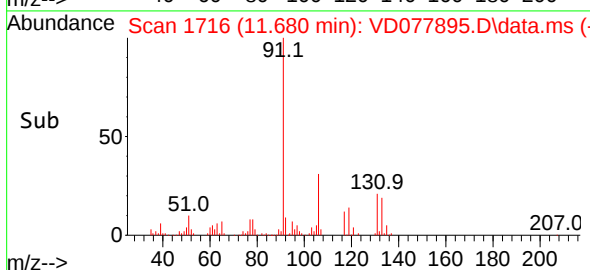
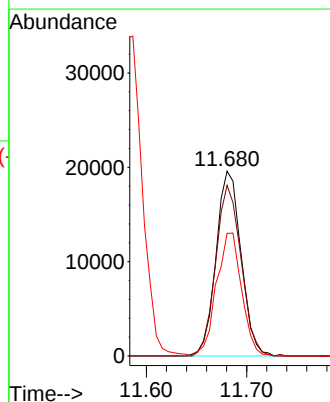
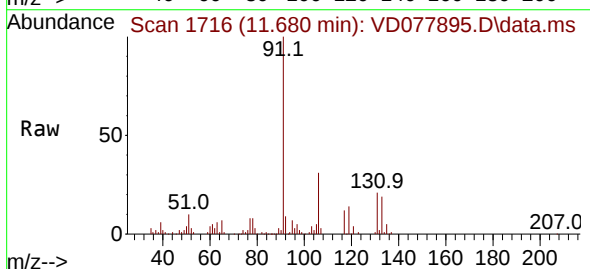
Tgt Ion:131 Resp: 33934

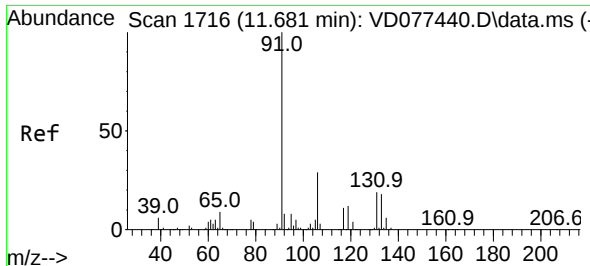
Ion Ratio Lower Upper

131 100

133 93.7 48.5 145.5

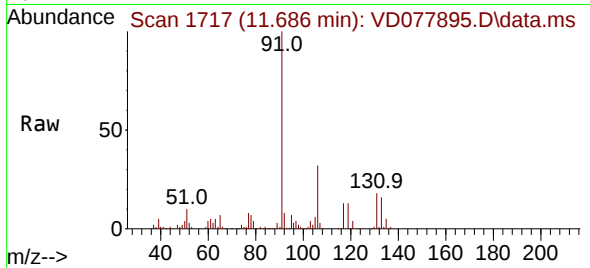
119 66.8 35.6 106.9





#67
Ethyl Benzene
Concen: 20.967 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

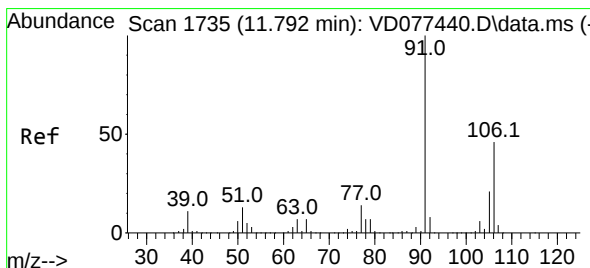
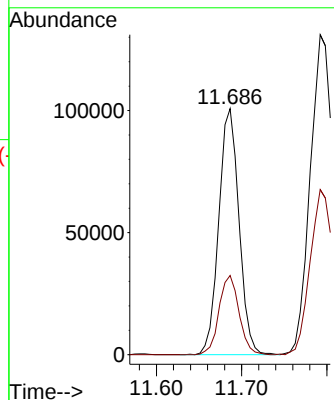
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 91 Resp: 16586
Ion Ratio Lower Upper
91 100
106 32.2 26.5 39.7

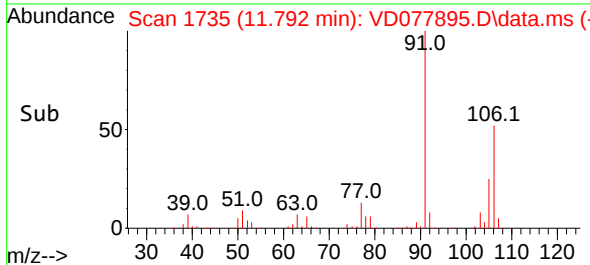
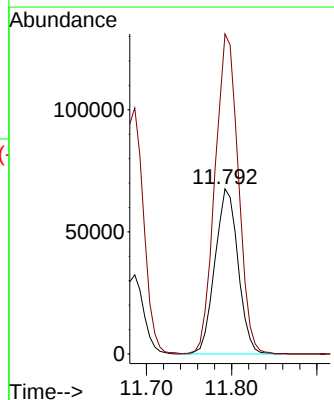
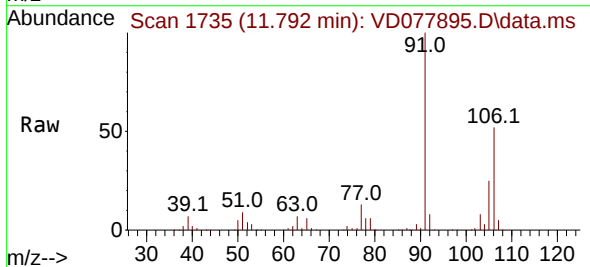
Manual Integrations
APPROVED

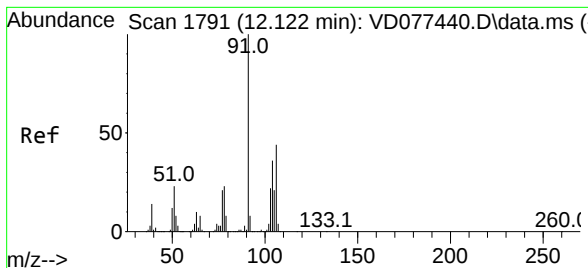
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#68
m/p-Xylenes
Concen: 42.149 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

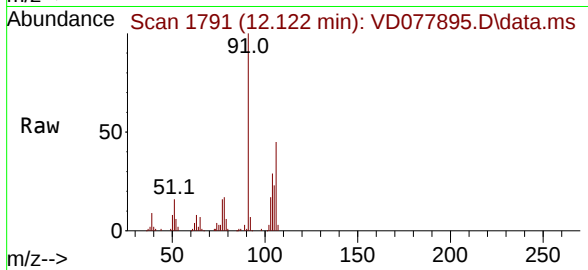
Tgt Ion:106 Resp: 127540
Ion Ratio Lower Upper
106 100
91 195.6 147.0 220.6





#69
o-Xylene
Concen: 21.116 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

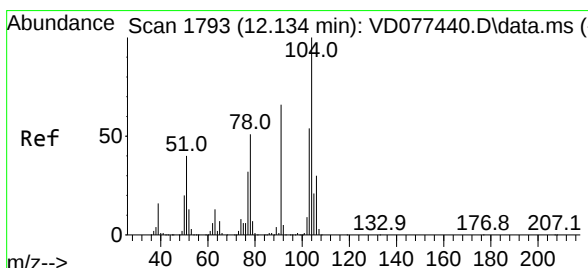
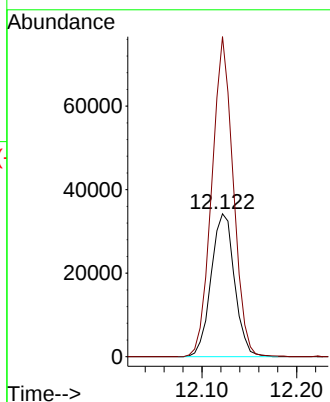
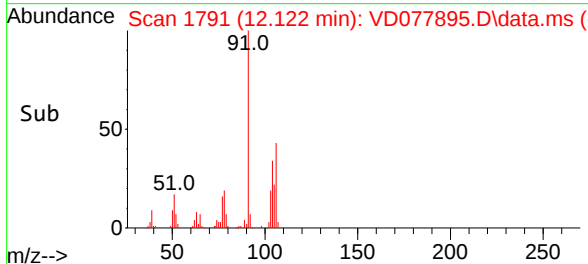
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion:106 Resp: 5888
Ion Ratio Lower Upper
106 100
91 205.0 97.9 293.6

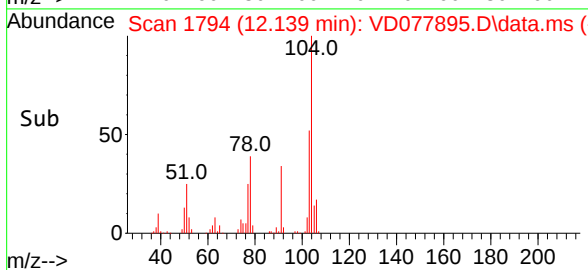
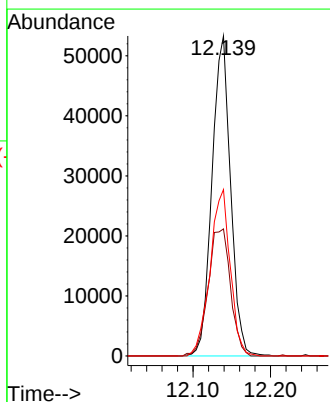
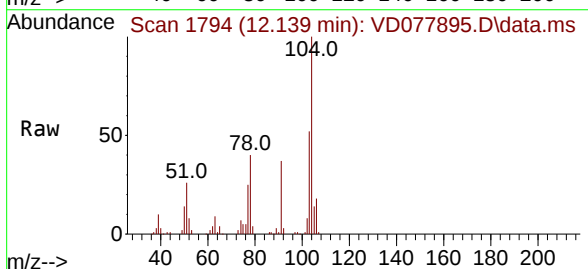
Manual Integrations
APPROVED

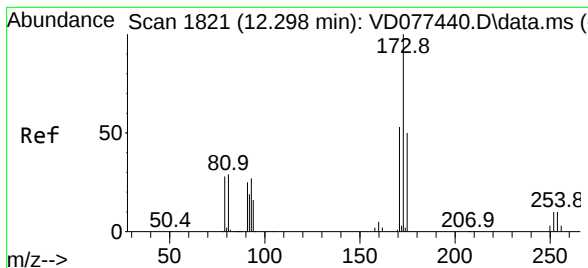
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 21.410 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

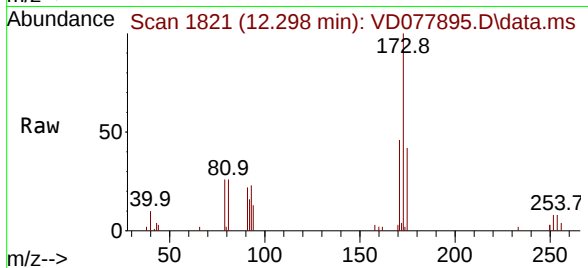
Tgt Ion:104 Resp: 88782
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 56.4 43.6 65.4





#71
Bromoform
Concen: 21.395 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

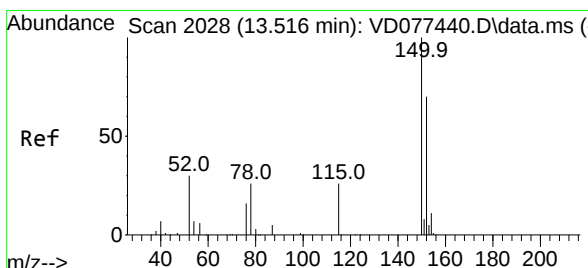
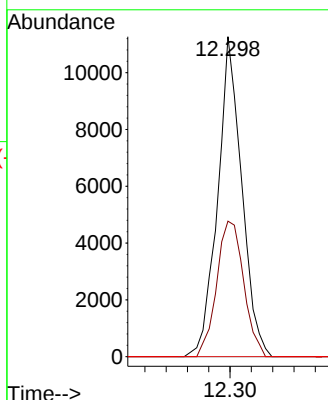
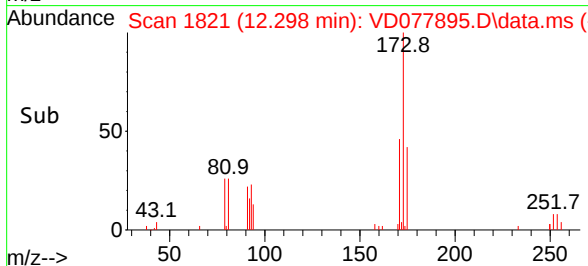
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



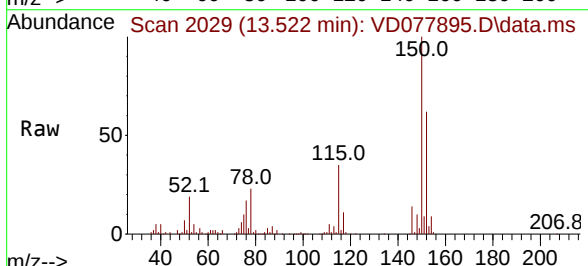
Tgt Ion:173 Resp: 17664
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

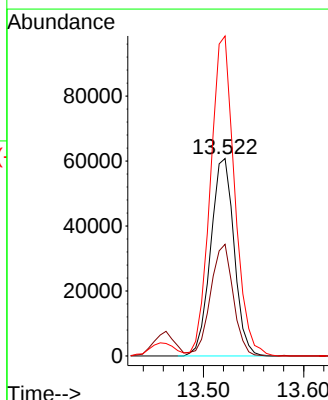
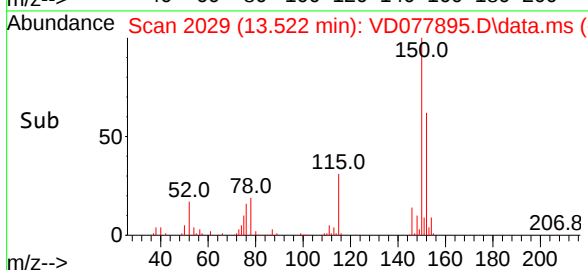
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

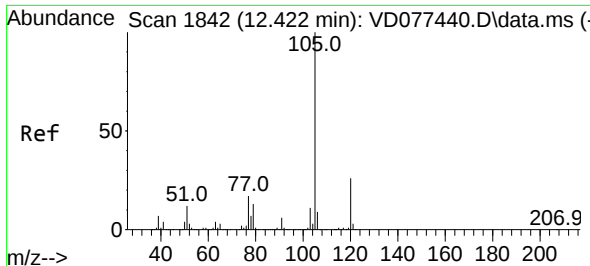


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



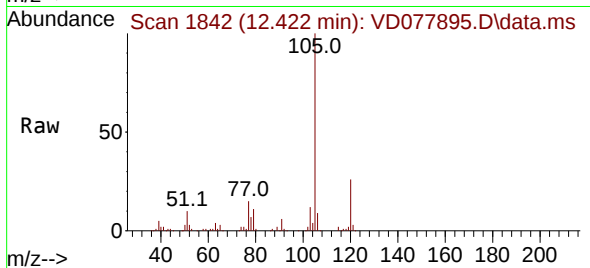
Tgt Ion:152 Resp: 98545
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 167.3 0.0 353.6





#73
Isopropylbenzene
Concen: 20.655 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

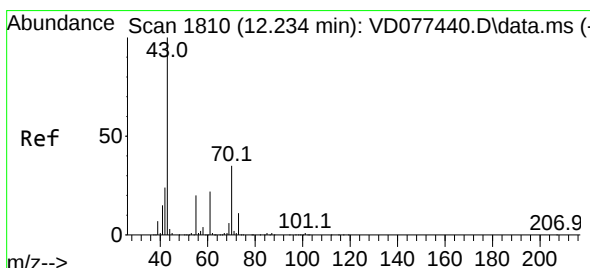
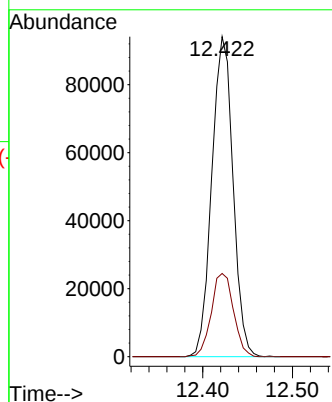
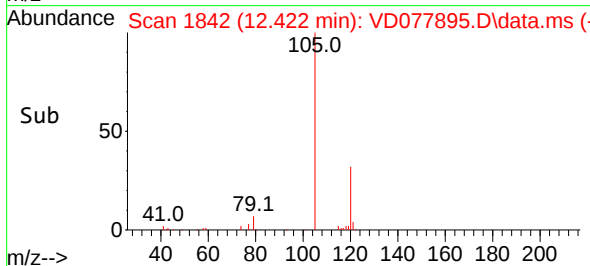
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



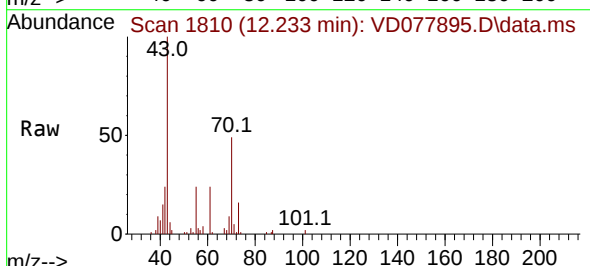
Tgt Ion:105 Resp: 154260
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9

Manual Integrations
APPROVED

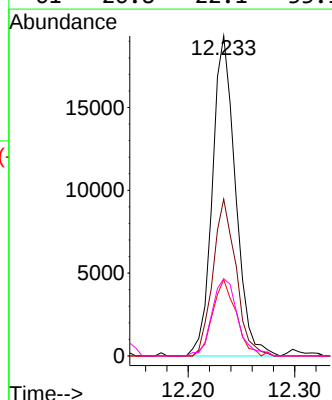
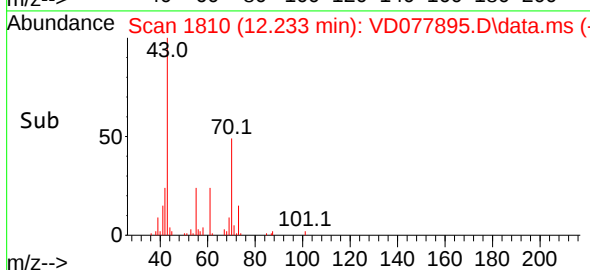
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

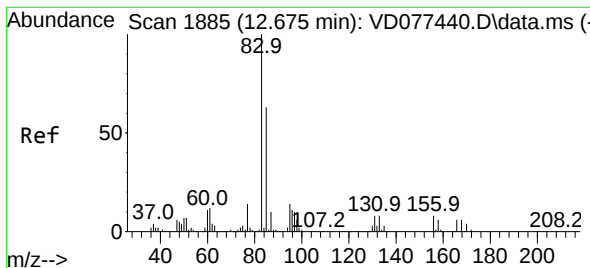


#74
N-ethyl acetate
Concen: 19.794 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



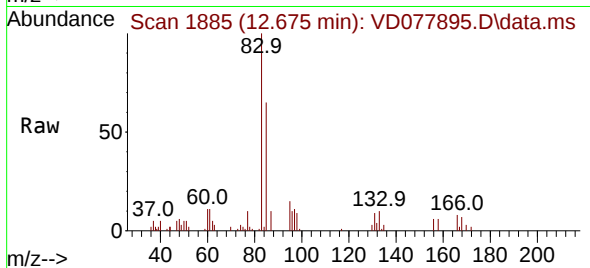
Tgt Ion: 43 Resp: 29060
Ion Ratio Lower Upper
43 100
70 48.9 45.0 67.4
55 24.3 23.8 35.6
61 26.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.710 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

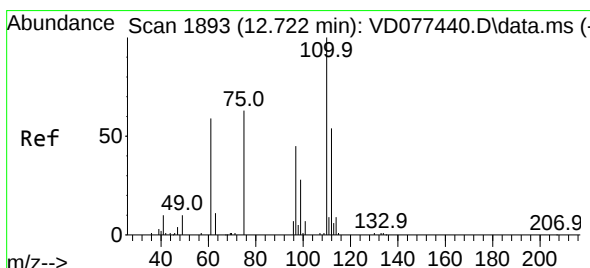
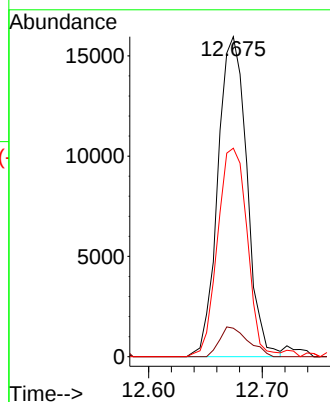
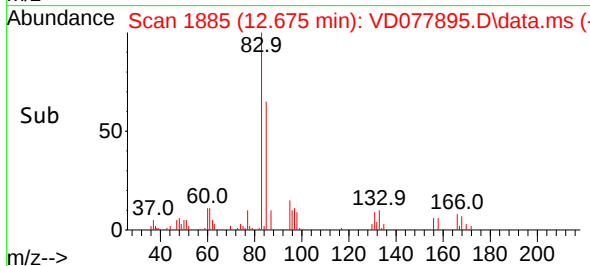
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



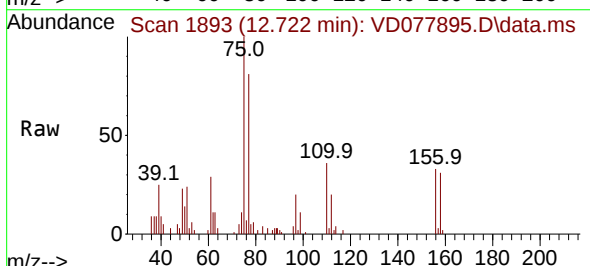
Tgt Ion: 83 Resp: 2827
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 66.5 32.6 97.8

Manual Integrations
APPROVED

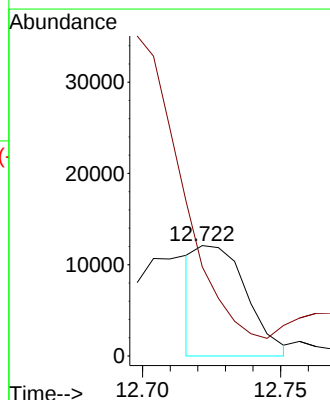
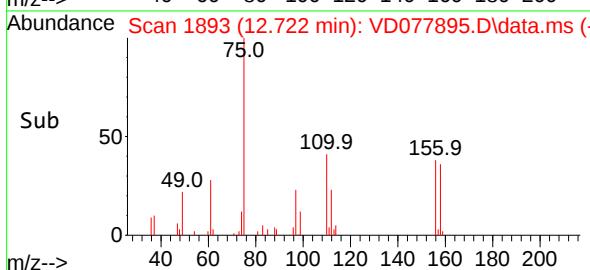
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

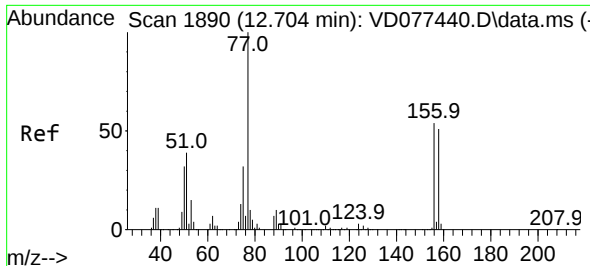


#76
1,2,3-Trichloropropane
Concen: 18.011 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



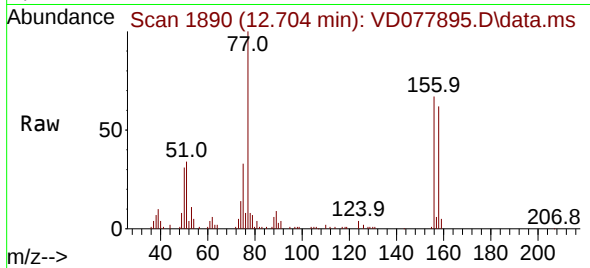
Tgt Ion: 75 Resp: 15415
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.154 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

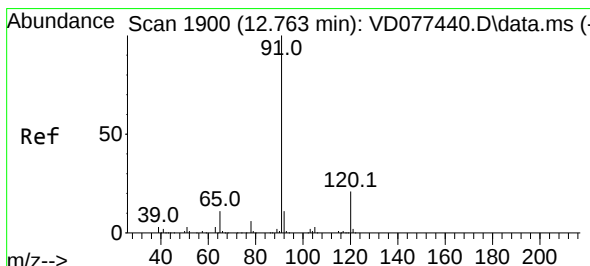
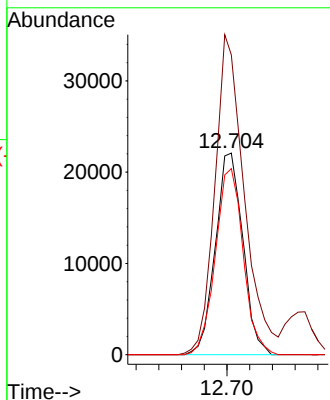
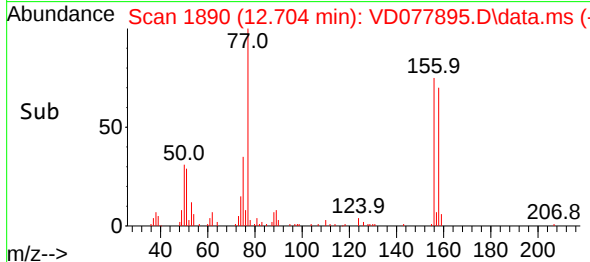
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion:156 Resp: 37162
Ion Ratio Lower Upper
156 100
77 169.3 76.8 230.4
158 93.4 48.6 145.9

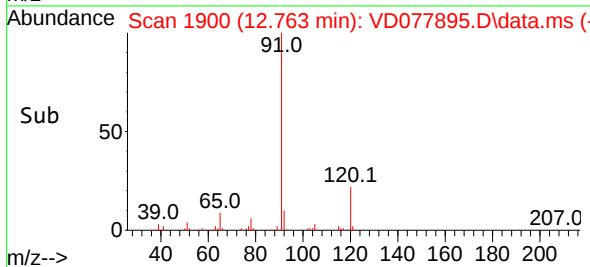
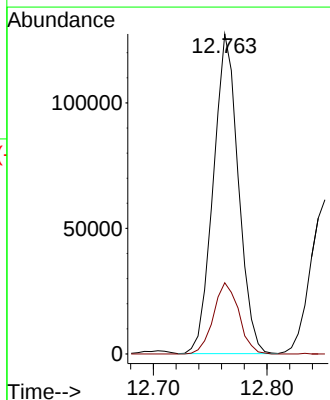
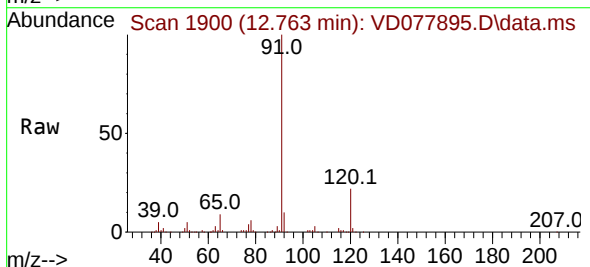
Manual Integrations
APPROVED

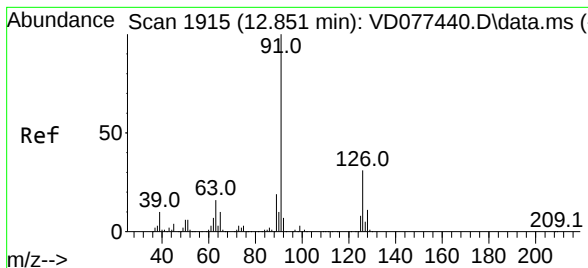
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78
n-propylbenzene
Concen: 21.435 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 91 Resp: 195081
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





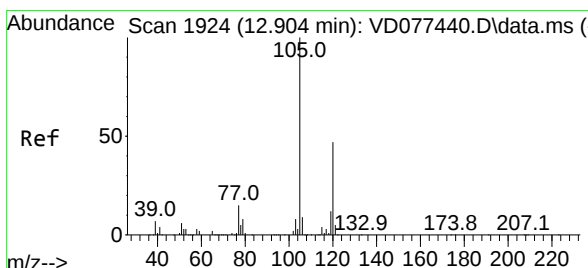
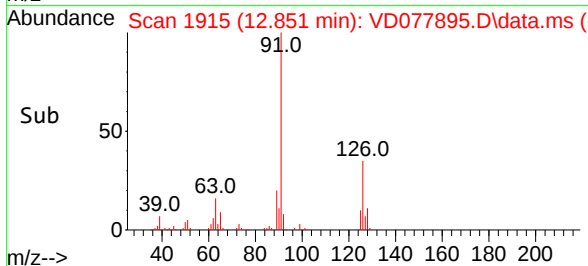
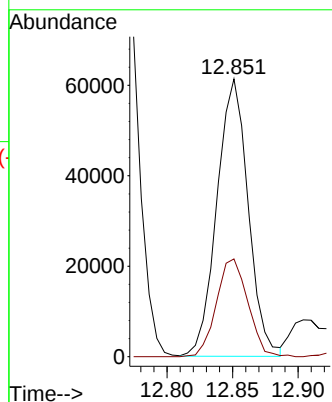
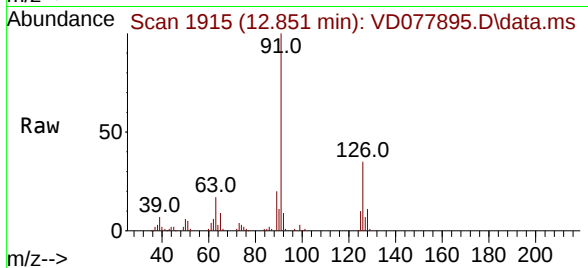
#79
2-Chlorotoluene
Concen: 20.890 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01

Tgt Ion: 91 Resp: 101889
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.1

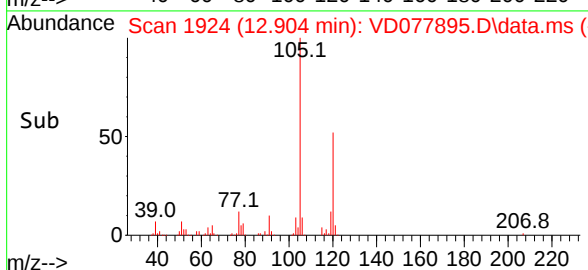
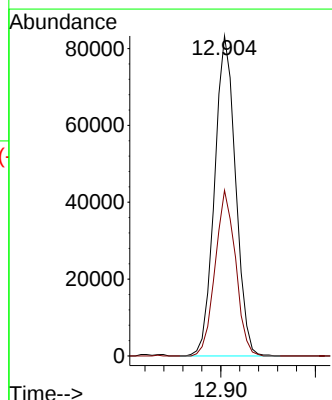
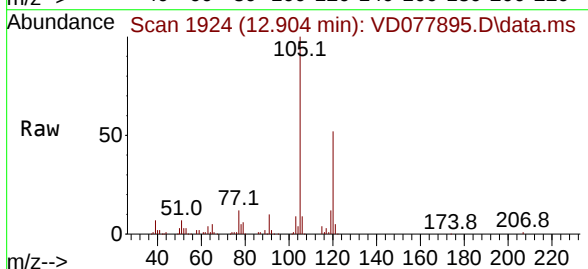
Manual Integrations
APPROVED

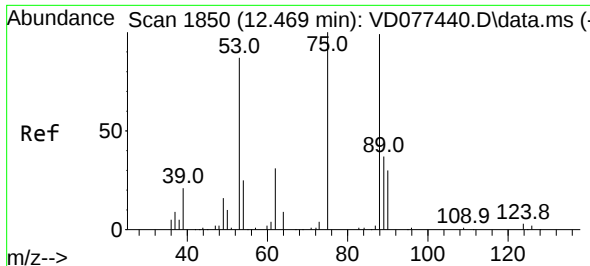
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.577 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

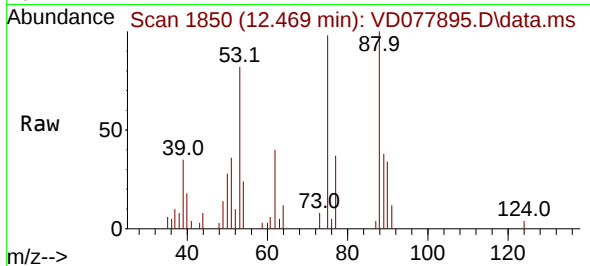
Tgt Ion:105 Resp: 128179
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 21.611 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

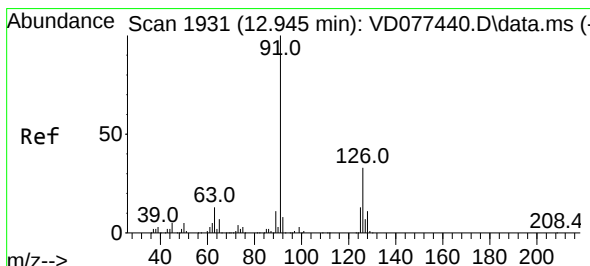
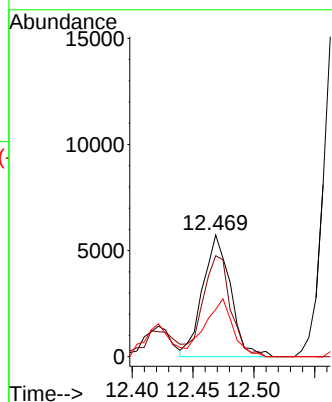
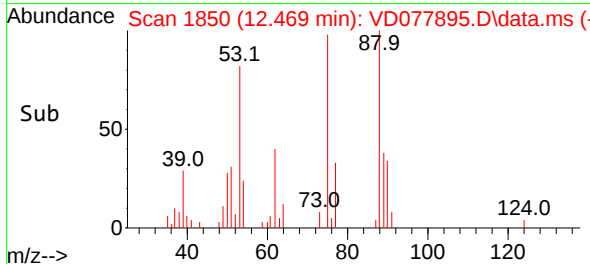
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



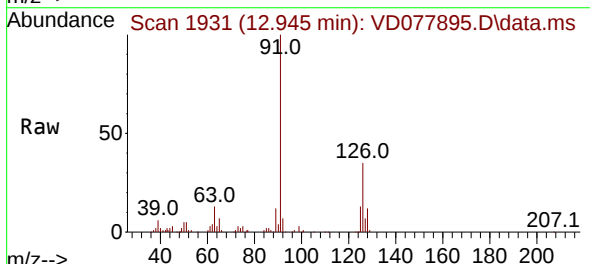
Tgt Ion: 75 Resp: 9129
Ion Ratio Lower Upper
75 100
53 83.0 63.0 94.4
89 46.9 37.9 56.9

Manual Integrations
APPROVED

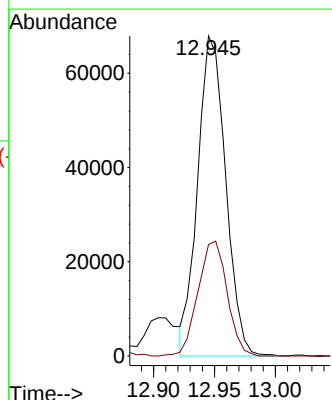
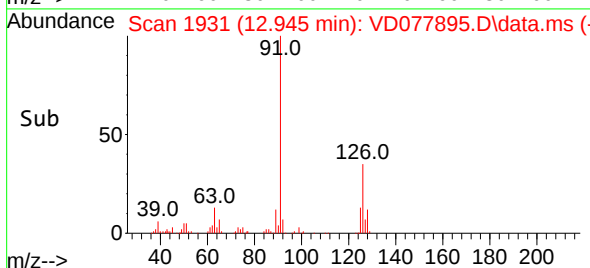
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

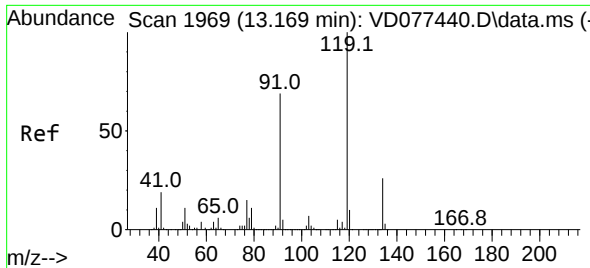


#82
4-Chlorotoluene
Concen: 21.373 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



Tgt Ion: 91 Resp: 108977
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4





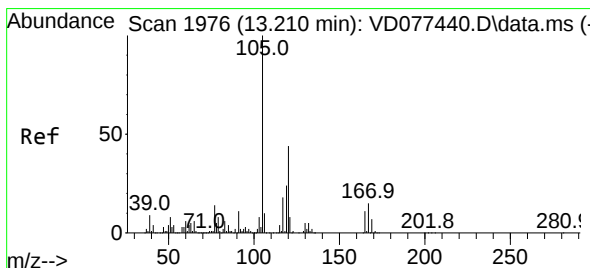
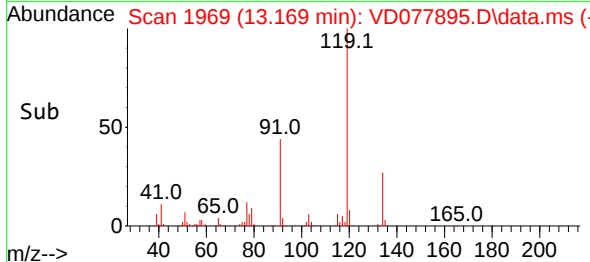
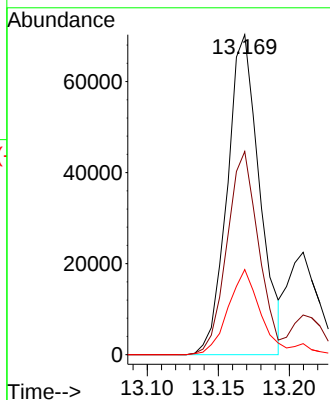
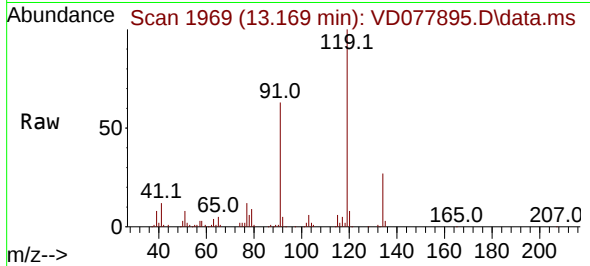
#83
tert-Butylbenzene
Concen: 21.172 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01

Tgt Ion:119 Resp: 111340
Ion Ratio Lower Upper
119 100
91 62.0 29.3 87.8
134 28.4 14.1 42.3

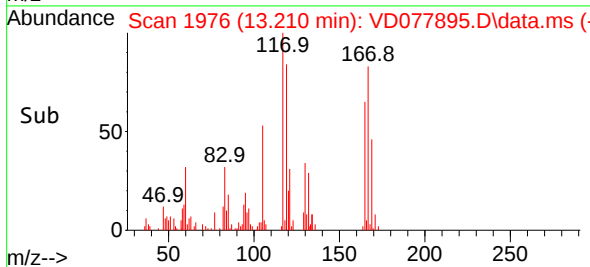
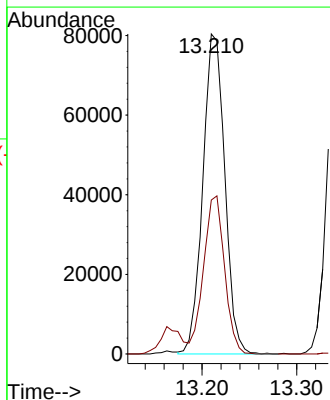
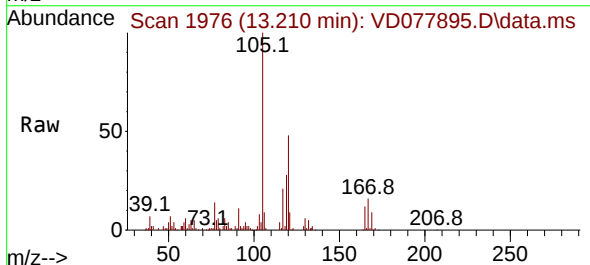
Manual Integrations
APPROVED

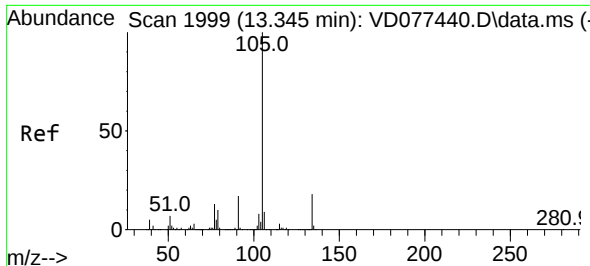
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.753 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

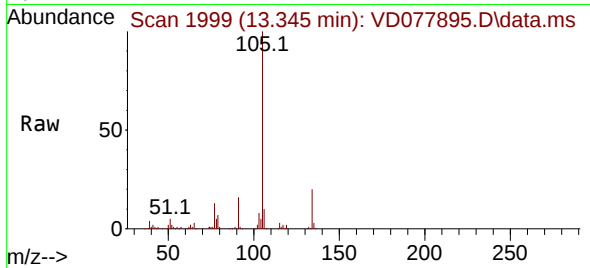
Tgt Ion:105 Resp: 129303
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 21.183 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

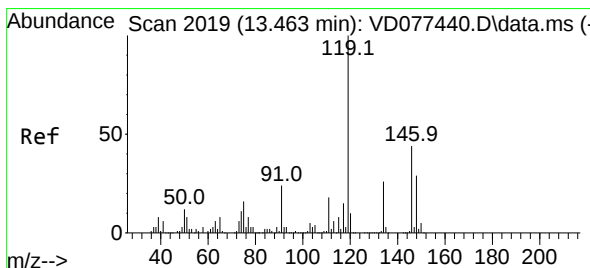
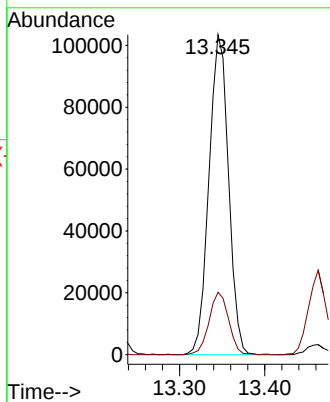
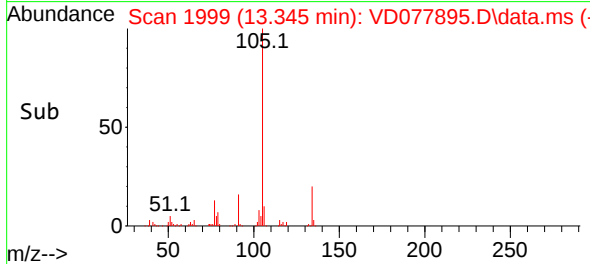
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBS01



Tgt Ion:105 Resp: 16467
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9

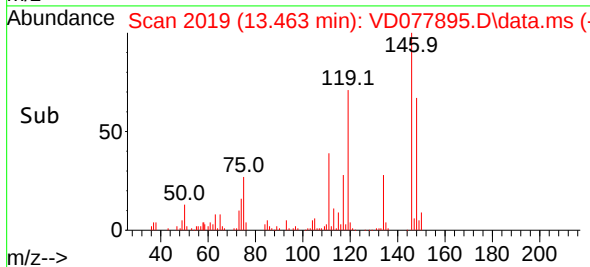
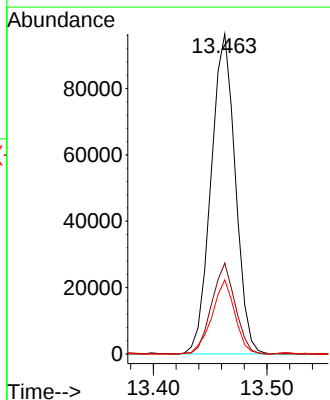
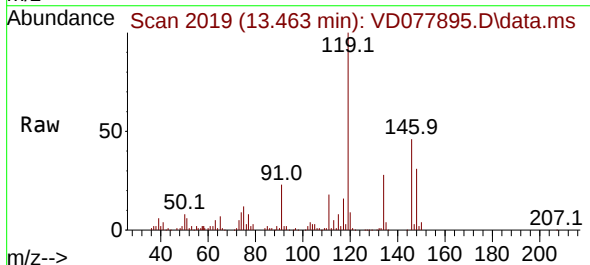
Manual Integrations
 APPROVED

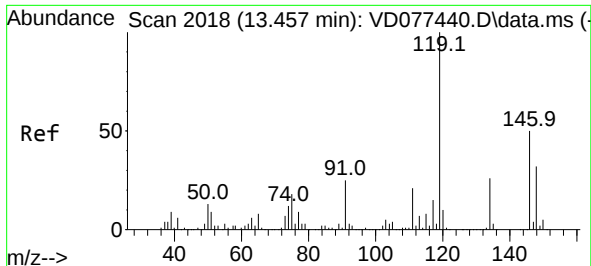
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#86
 p-Isopropyltoluene
 Concen: 20.597 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

Tgt Ion:119 Resp: 143350
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.2 42.6
 91 21.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.946 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBS01

Tgt Ion:146 Resp: 75250

Ion Ratio Lower Upper

146 100

111 36.8 17.9 53.8

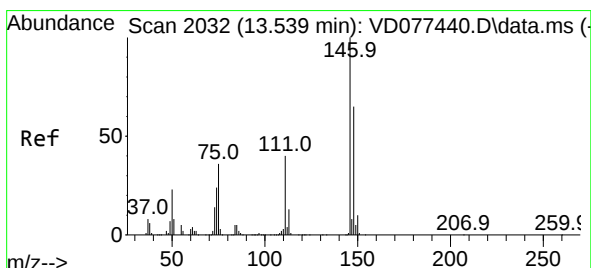
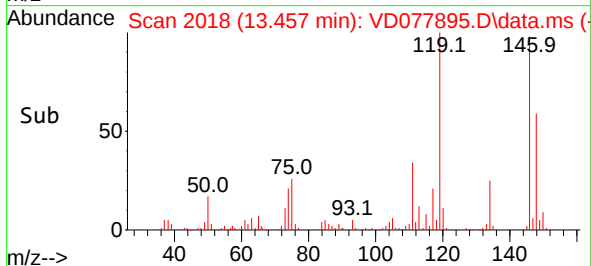
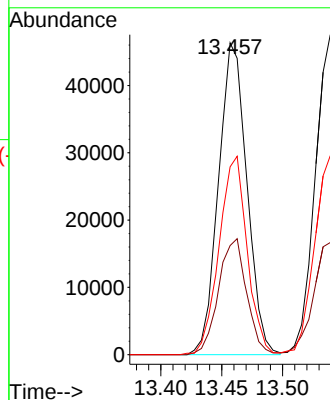
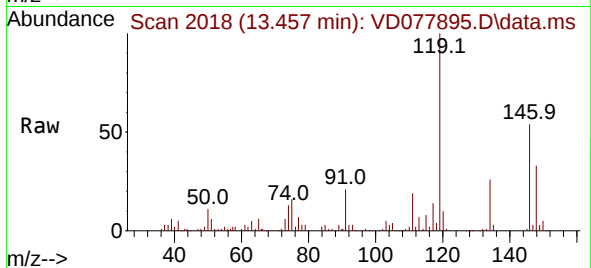
148 62.9 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#88

1,4-Dichlorobenzene

Concen: 20.274 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

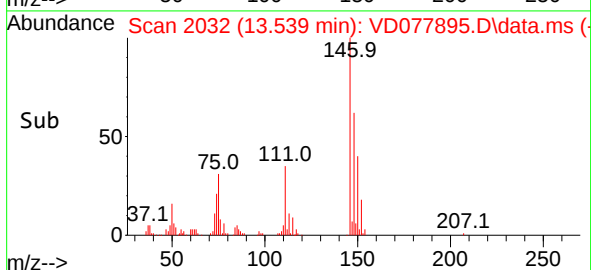
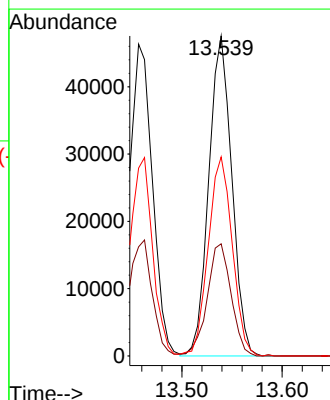
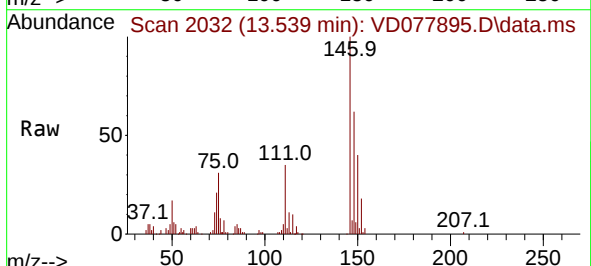
Tgt Ion:146 Resp: 76122

Ion Ratio Lower Upper

146 100

111 36.3 17.4 52.3

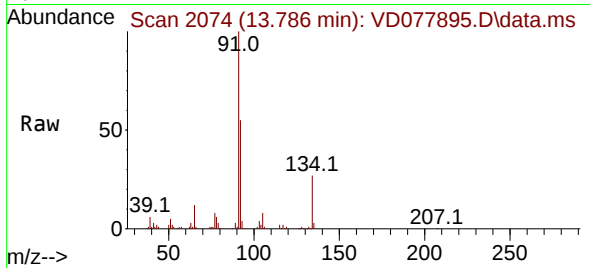
148 64.8 31.7 95.1





#89
n-Butylbenzene
Concen: 21.400 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

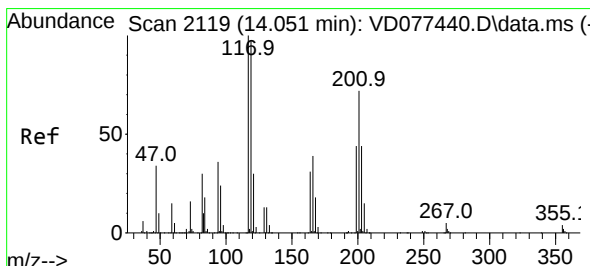
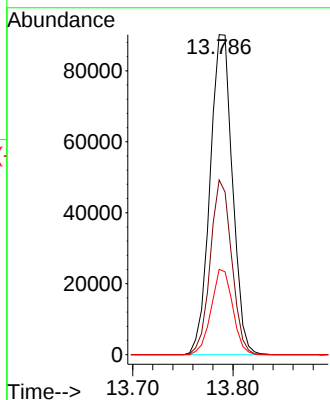
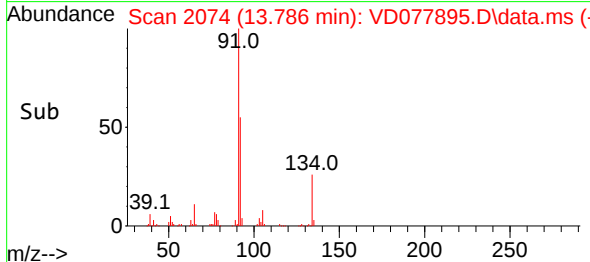
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion: 91 Resp: 14014
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 25.6 13.8 41.3

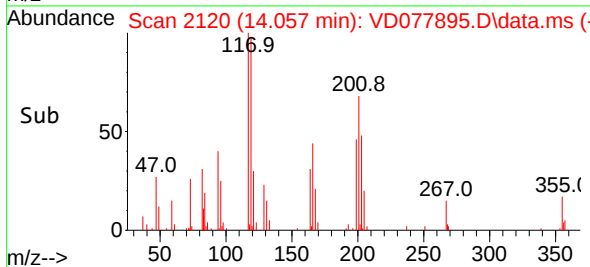
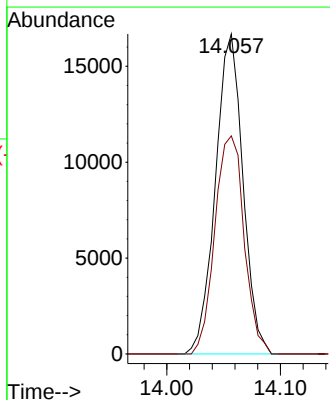
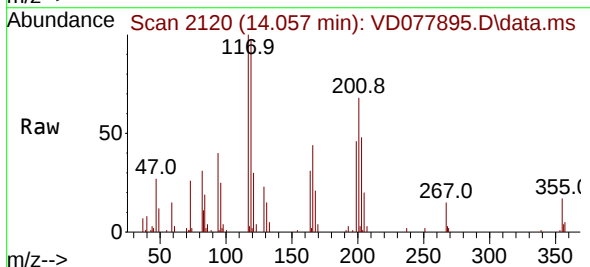
Manual Integrations
APPROVED

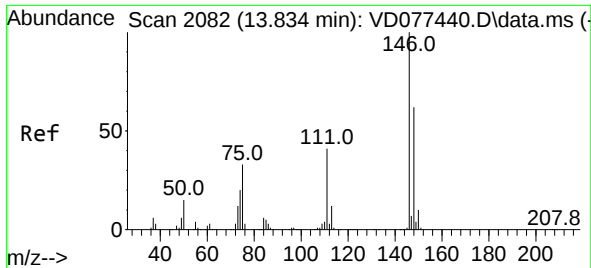
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 21.948 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

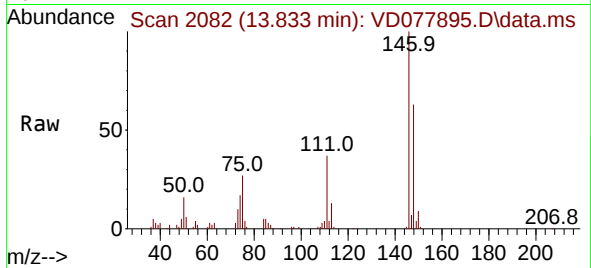
Tgt Ion:117 Resp: 28093
Ion Ratio Lower Upper
117 100
201 72.4 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 20.915 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

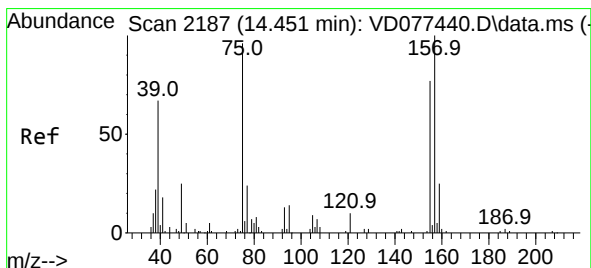
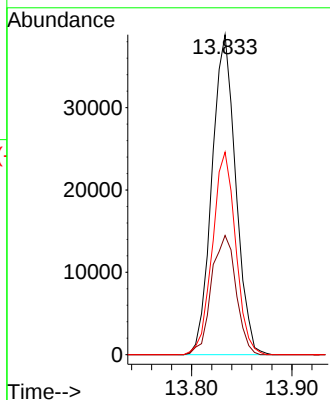
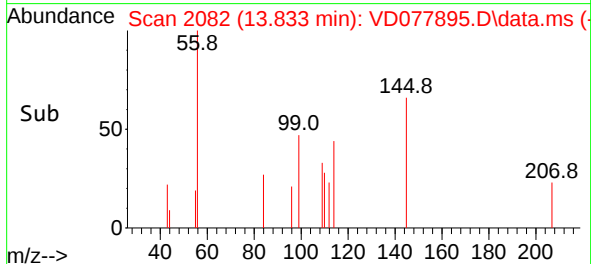
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



Tgt Ion:146 Resp: 6390
Ion Ratio Lower Upper
146 100
111 38.4 18.3 54.8
148 62.0 31.6 94.7

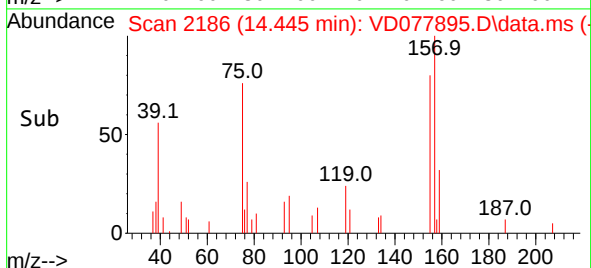
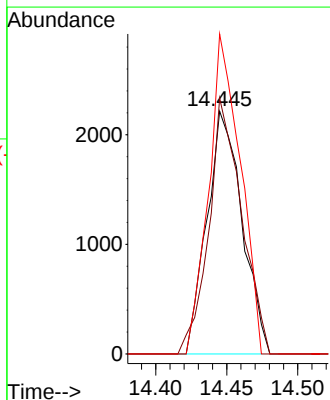
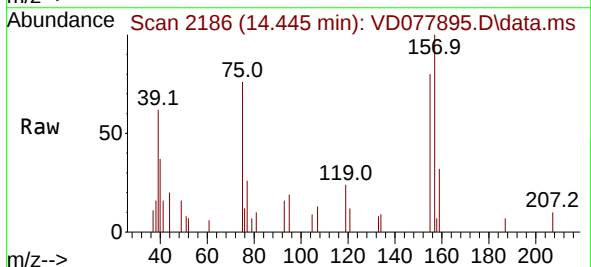
Manual Integrations
APPROVED

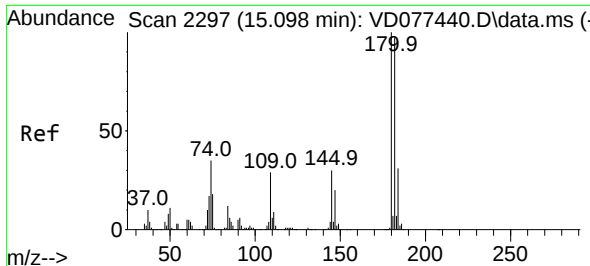
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.573 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

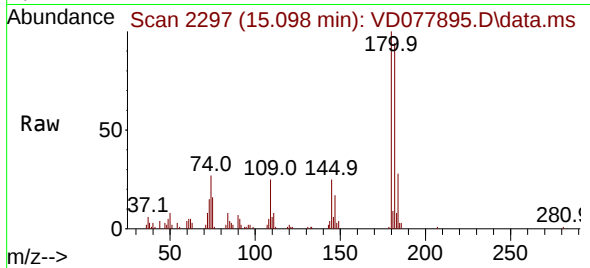
Tgt Ion: 75 Resp: 3805
Ion Ratio Lower Upper
75 100
155 98.5 47.9 143.8
157 119.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.671 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

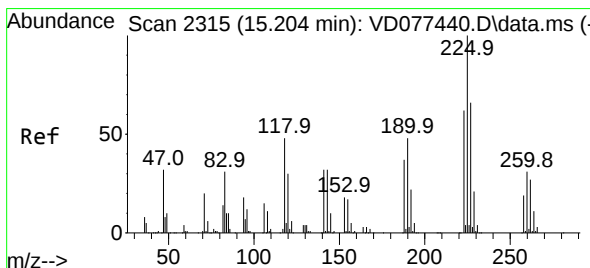
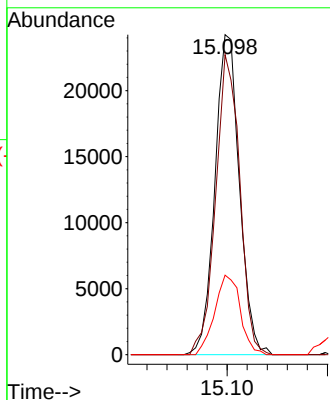
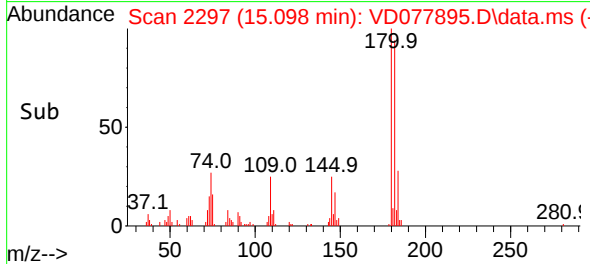
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



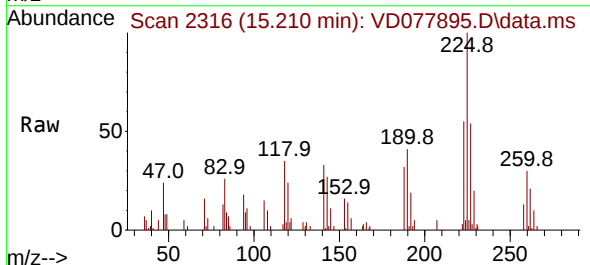
Tgt Ion:180 Resp: 4105
Ion Ratio Lower Upper
180 100
182 92.0 48.5 145.6
145 26.0 14.2 42.6

Manual Integrations
APPROVED

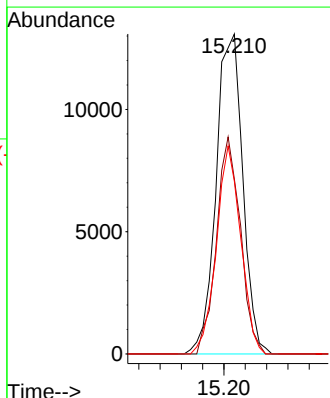
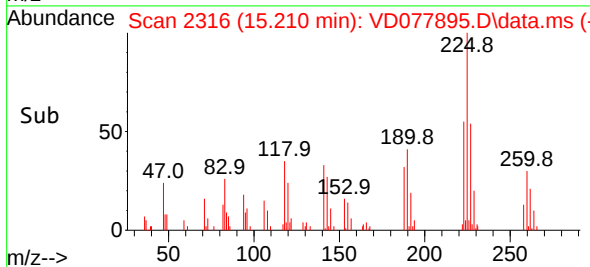
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

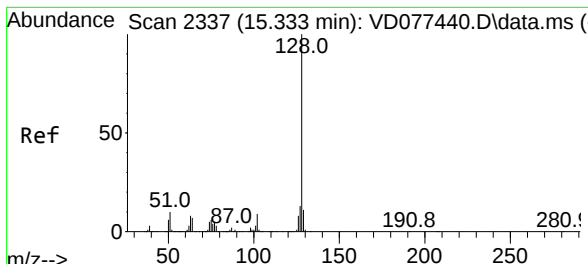


#94
Hexachlorobutadiene
Concen: 20.182 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



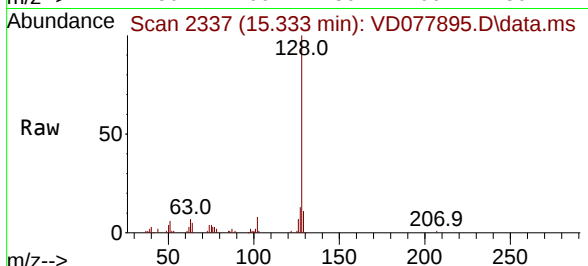
Tgt Ion:225 Resp: 22713
Ion Ratio Lower Upper
225 100
223 61.0 31.6 94.8
227 59.3 31.7 95.1





#95
Naphthalene
Concen: 20.237 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

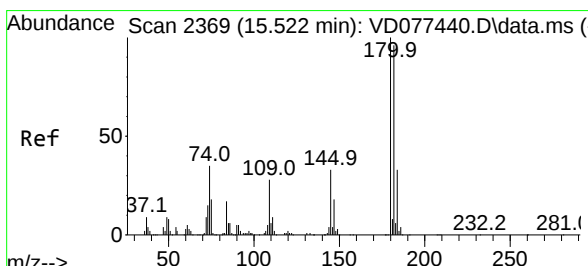
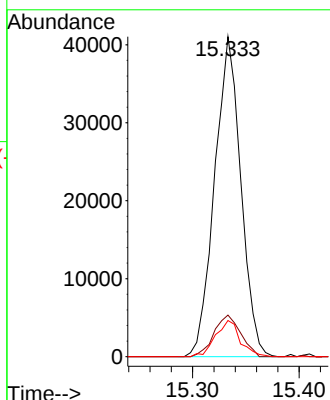
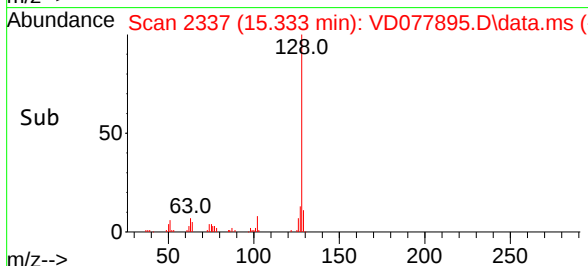
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBS01



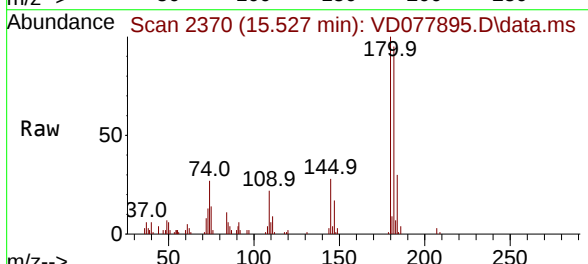
Tgt Ion:128 Resp: 7017
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.357 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



Tgt Ion:180 Resp: 33305
Ion Ratio Lower Upper
180 100
182 99.1 47.3 141.9
145 30.8 15.1 45.3

