

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077340.D
 Acq On : 17 Oct 2023 14:36
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:44:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	168850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	280092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9074	6.018	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.040%#		
35) Dibromofluoromethane	7.804	113	11214	5.699	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.400%#		
50) Toluene-d8	10.269	98	36018	5.111	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.220%#		
62) 4-Bromofluorobenzene	12.575	95	10328	5.091	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8377	5.336	ug/l	87
3) Chloromethane	2.152	50	17717	5.542	ug/l	92
4) Vinyl Chloride	2.287	62	20407	5.404	ug/l	99
5) Bromomethane	2.699	94	13099	5.398	ug/l	99
6) Chloroethane	2.840	64	14786	5.570	ug/l	94
7) Trichlorofluoromethane	3.181	101	21589	5.636	ug/l	90
8) Diethyl Ether	3.605	74	4264	4.153	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	9785	4.938	ug/l	93
10) Methyl Iodide	4.164	142	11220	4.627	ug/l #	88
11) Tert butyl alcohol	5.046	59	2623	30.926	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	9026	4.643	ug/l	82
13) Acrolein	3.799	56	3644	24.750	ug/l	100
14) Allyl chloride	4.563	41	8524	4.621	ug/l	94
15) Acrylonitrile	5.258	53	7765	24.958	ug/l	95
16) Acetone	4.028	43	7154	21.638	ug/l	96
17) Carbon Disulfide	4.275	76	28069	4.911	ug/l	96
18) Methyl Acetate	4.575	43	5436	4.724	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	14987	4.526	ug/l #	90
20) Methylene Chloride	4.799	84	15639	3.366	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	10094	4.992	ug/l	97
22) Diisopropyl ether	6.216	45	15223	4.204	ug/l #	89
23) Vinyl Acetate	6.158	43	38793	22.860	ug/l #	87
24) 1,1-Dichloroethane	6.105	63	16046	5.330	ug/l	96
25) 2-Butanone	7.087	43	8708	25.390	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	14008	5.103	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	10991	4.848	ug/l	99
28) Bromochloromethane	7.428	49	6020	5.474	ug/l #	96
29) Tetrahydrofuran	7.452	42	4665	23.579	ug/l #	85
30) Chloroform	7.599	83	17983	5.206	ug/l	95
31) Cyclohexane	7.875	56	13338	5.686	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	15103	5.068	ug/l	98
36) 1,1-Dichloropropene	8.010	75	12488	4.830	ug/l	99
37) Ethyl Acetate	7.169	43	4350	5.356	ug/l #	67
38) Carbon Tetrachloride	7.993	117	14502	5.042	ug/l	97
39) Methylcyclohexane	9.275	83	15331	4.880	ug/l #	91
40) Benzene	8.257	78	37978	4.840	ug/l	91

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1715	4.425	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	9366	5.068	ug/l	94
43) Isopropyl Acetate	8.357	43	6789	4.643	ug/l #	56
44) Trichloroethene	9.028	130	11575	5.046	ug/l	97
45) 1,2-Dichloropropane	9.310	63	8801	4.866	ug/l	93
46) Dibromomethane	9.399	93	5555	4.912	ug/l	98
47) Bromodichloromethane	9.587	83	13202	4.896	ug/l #	94
48) Methyl methacrylate	9.381	41	2796	4.227	ug/l	97
49) 1,4-Dioxane	9.375	88	614	90.118	ug/l #	28
51) 4-Methyl-2-Pentanone	10.157	43	14983	20.442	ug/l	98
52) Toluene	10.334	92	23286	4.545	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	10371	4.285	ug/l #	78
54) cis-1,3-Dichloropropene	10.016	75	13646	4.608	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	7698	4.915	ug/l	94
56) Ethyl methacrylate	10.598	69	6274	4.192	ug/l	96
57) 1,3-Dichloropropane	10.881	76	11898	4.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15272	20.632	ug/l	91
59) 2-Hexanone	10.928	43	10901	20.708	ug/l	92
60) Dibromochloromethane	11.075	129	9916	4.958	ug/l	99
61) 1,2-Dibromoethane	11.181	107	7166	4.856	ug/l	98
64) Tetrachloroethene	10.810	164	9421	4.862	ug/l	92
65) Chlorobenzene	11.610	112	28122	4.949	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	10433	4.830	ug/l	98
67) Ethyl Benzene	11.687	91	41736	4.431	ug/l	100
68) m/p-Xylenes	11.798	106	33098	8.557	ug/l	100
69) o-Xylene	12.116	106	15232	4.278	ug/l	94
70) Styrene	12.134	104	24821	4.086	ug/l	98
71) Bromoform	12.298	173	5524	4.665	ug/l #	98
73) Isopropylbenzene	12.422	105	37431	4.477	ug/l	97
74) N-amyl acetate	12.234	43	5422	4.508	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	8181	5.385	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	5224m	3.546	ug/l	
77) Bromobenzene	12.704	156	10417	4.746	ug/l	99
78) n-propylbenzene	12.763	91	46214	4.590	ug/l	99
79) 2-Chlorotoluene	12.851	91	26490	4.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	29569	4.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	2216	4.698	ug/l	91
82) 4-Chlorotoluene	12.945	91	26676	4.672	ug/l	99
83) tert-Butylbenzene	13.169	119	27870	4.556	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	28243	4.066	ug/l	95
85) sec-Butylbenzene	13.345	105	42040	4.567	ug/l	94
86) p-Isopropyltoluene	13.463	119	33794	4.226	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	22008	4.764	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	23010	5.027	ug/l	93
89) n-Butylbenzene	13.787	91	31320	4.498	ug/l	99
90) Hexachloroethane	14.051	117	8030	4.968	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	19216	4.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	728	3.915	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.104	180	10811	4.447	ug/l	99
94) Hexachlorobutadiene	15.210	225	7128	5.162	ug/l	99
95) Naphthalene	15.339	128	17667	4.304	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	9449	4.478	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 18 02:44:21 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

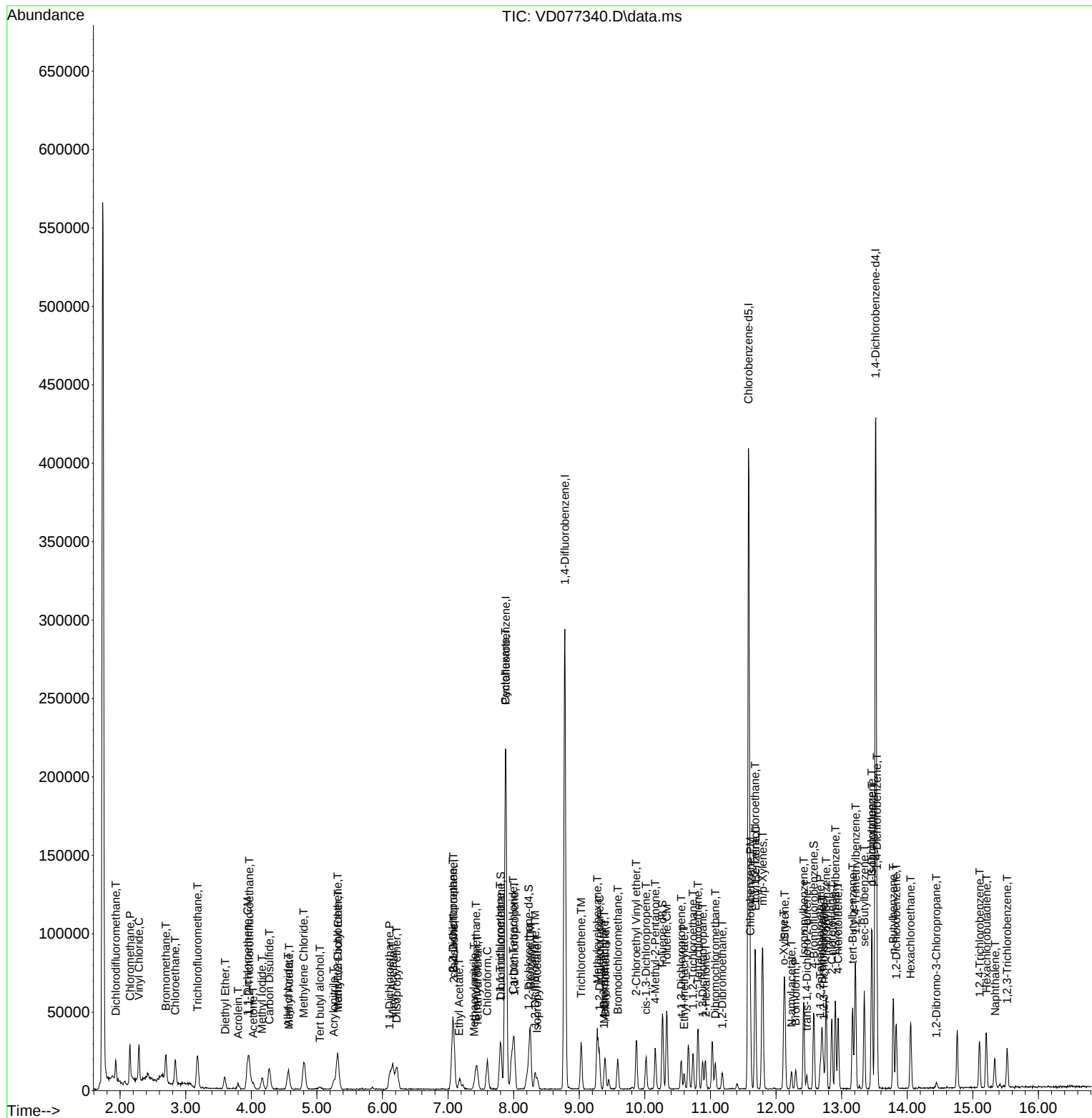
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 ALS Vial : 5 Sample Multiplier: 1

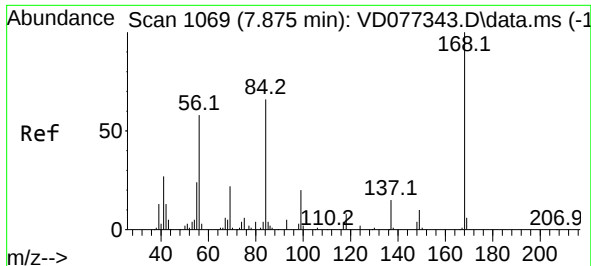
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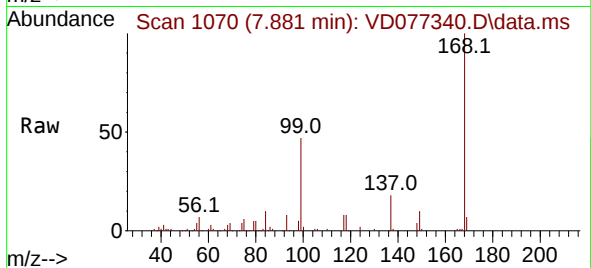
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

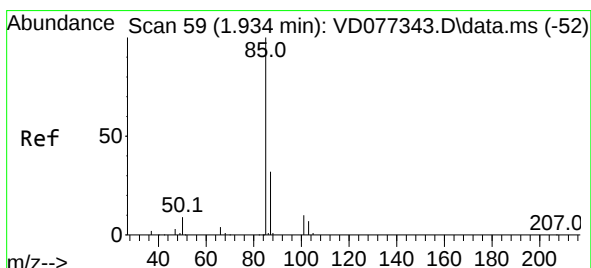
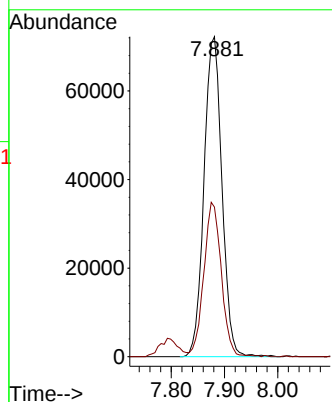
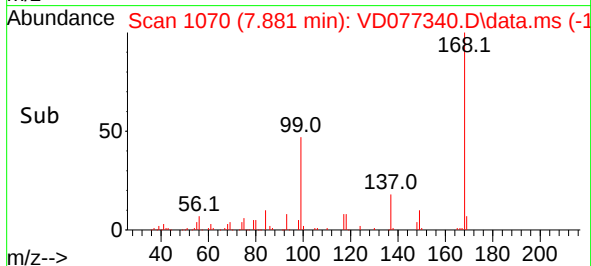


Tgt Ion:168 Resp: 168850
Ion Ratio Lower Upper
168 100
99 46.7 36.7 55.1

Manual Integrations

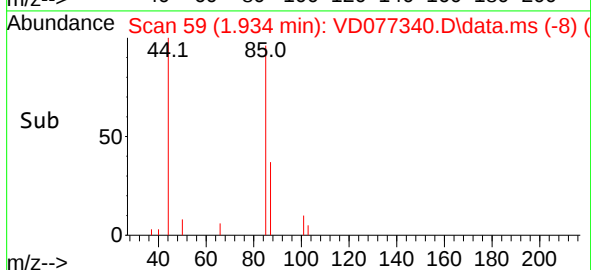
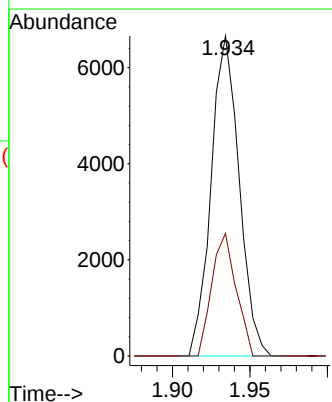
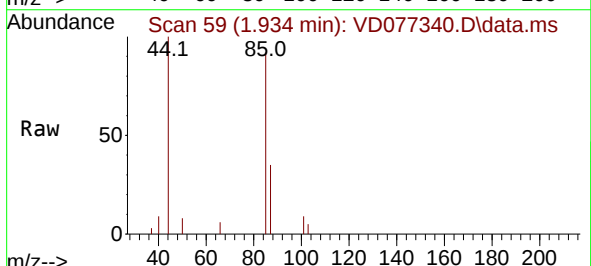
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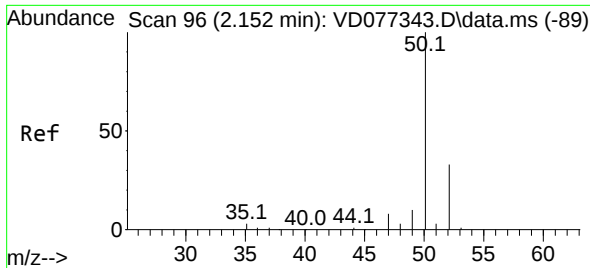
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 5.336 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

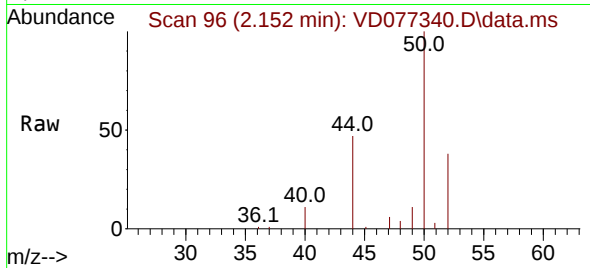
Tgt Ion: 85 Resp: 8377
Ion Ratio Lower Upper
85 100
87 38.3 15.7 47.0





#3
Chloromethane
Concen: 5.542 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

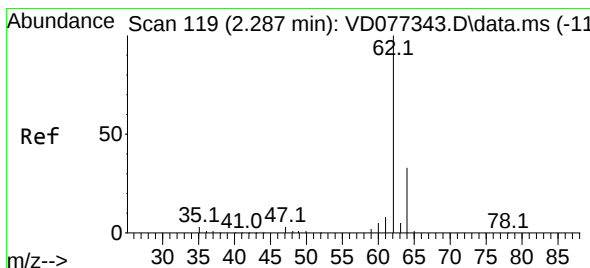
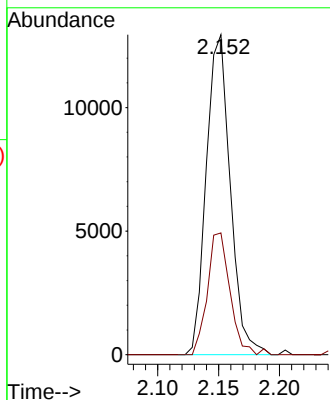
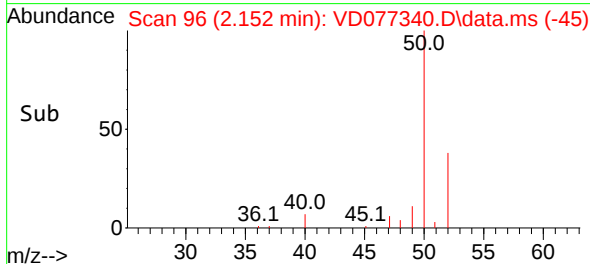
Instrument :
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ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 1771
Ion Ratio Lower Upper
50 100
52 38.0 26.6 40.0

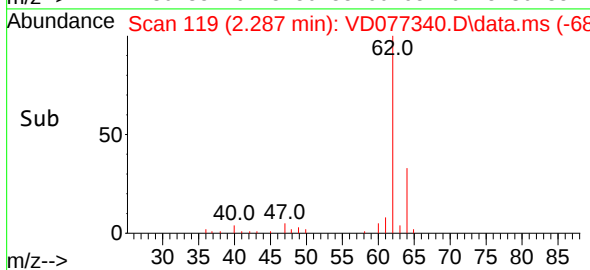
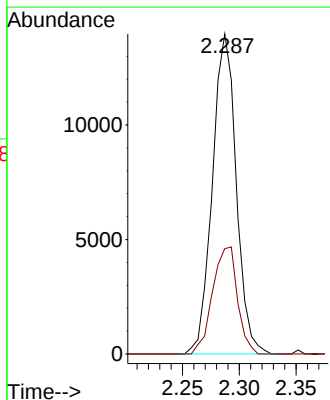
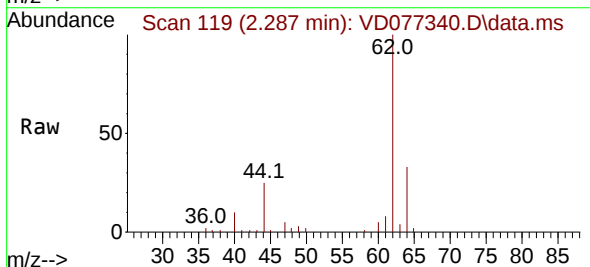
Manual Integrations
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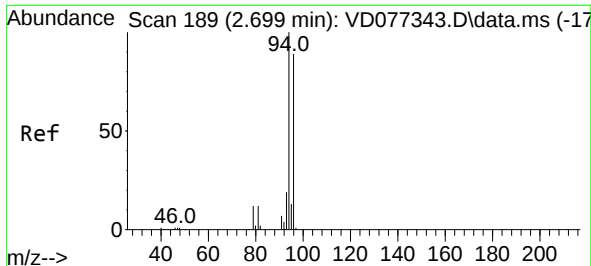
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#4
Vinyl Chloride
Concen: 5.404 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

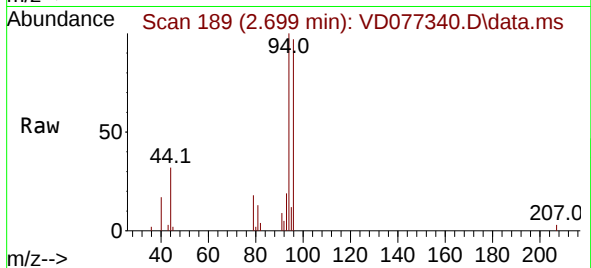
Tgt Ion: 62 Resp: 20407
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





#5
Bromomethane
Concen: 5.398 ug/l
RT: 2.699 min Scan# 189
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

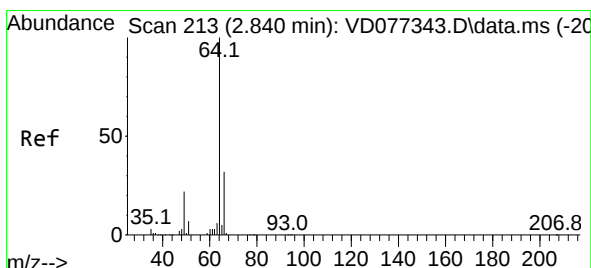
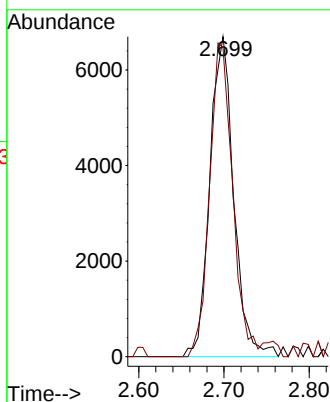
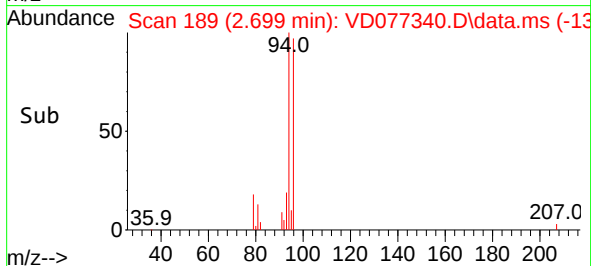
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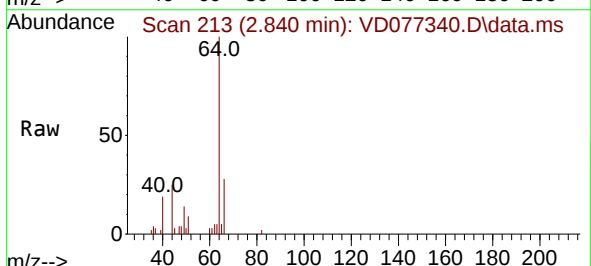
Tgt Ion: 94 Resp: 13099
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8

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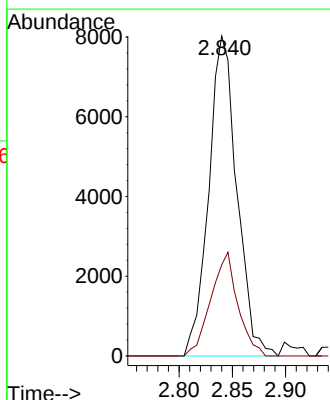
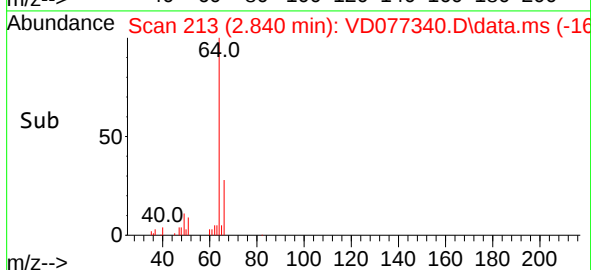
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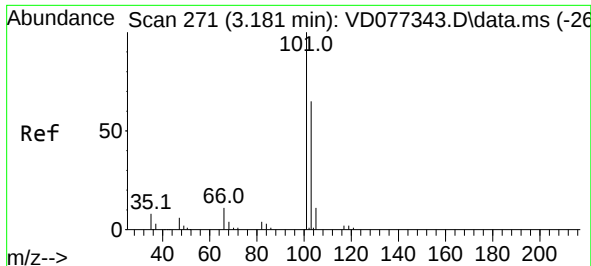


#6
Chloroethane
Concen: 5.570 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



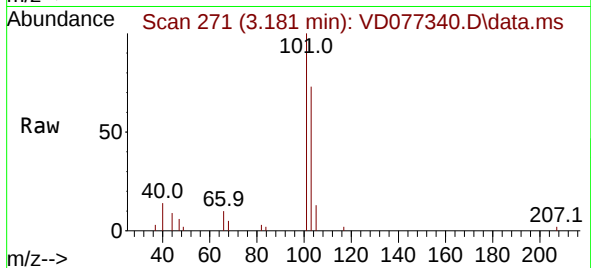
Tgt Ion: 64 Resp: 14786
Ion Ratio Lower Upper
64 100
66 28.5 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 5.636 ug/l
 RT: 3.181 min Scan# 21589
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

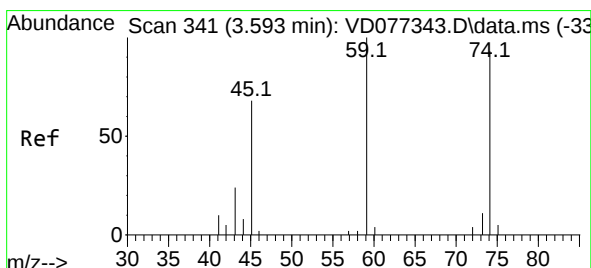
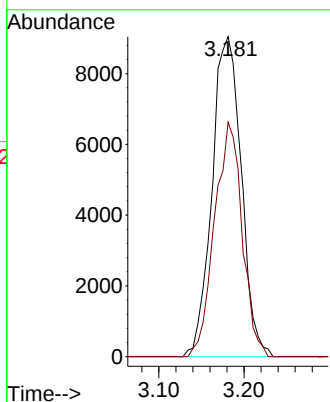
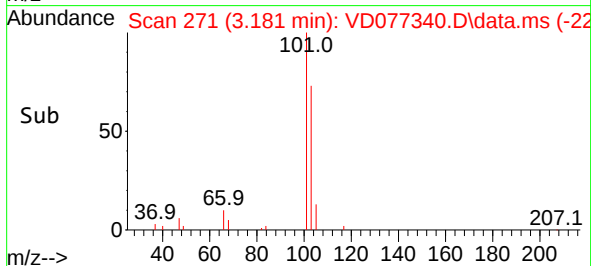
Instrument :
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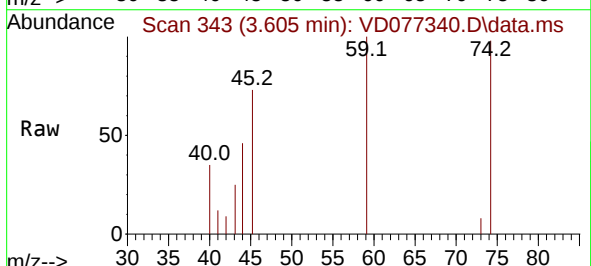
Tgt Ion:101 Resp: 21589
 Ion Ratio Lower Upper
 101 100
 103 73.3 52.3 78.5

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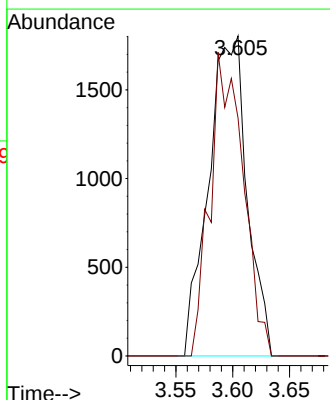
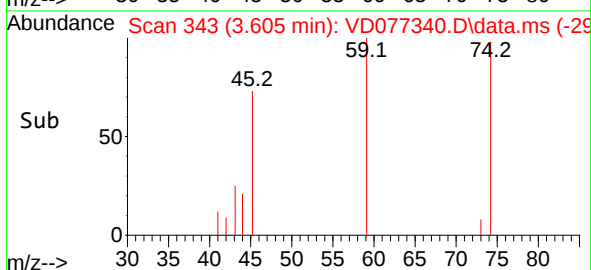
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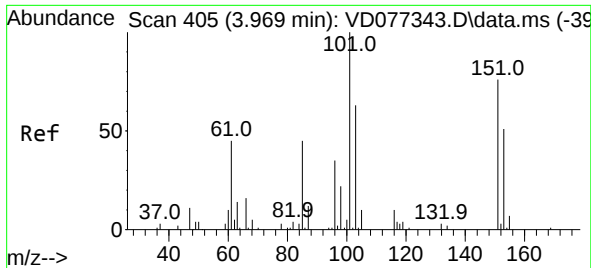


#8
 Diethyl Ether
 Concen: 4.153 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36



Tgt Ion: 74 Resp: 4264
 Ion Ratio Lower Upper
 74 100
 45 81.3 37.5 112.7





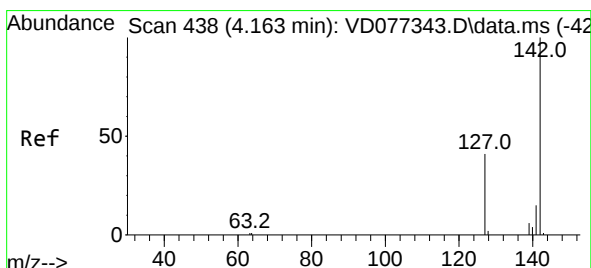
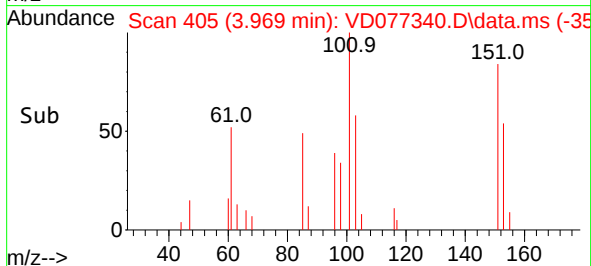
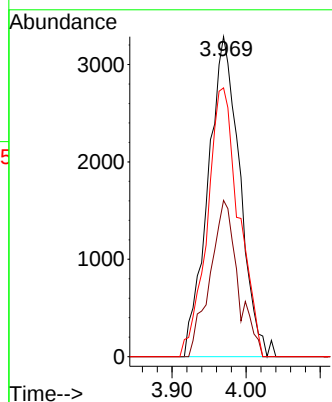
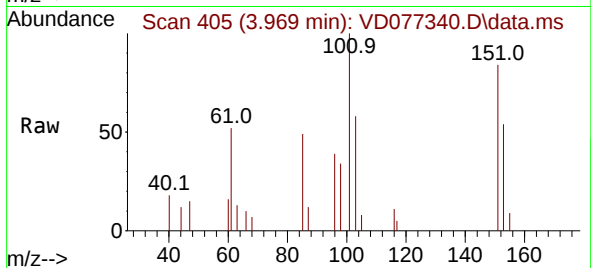
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.938 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 978
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 83.6 59.8 89.6

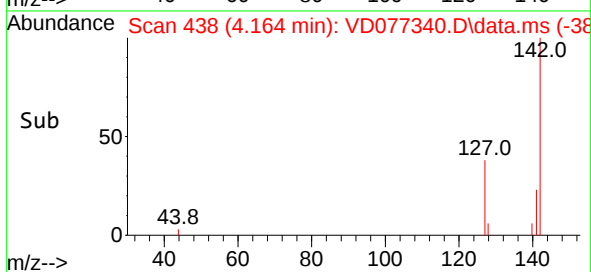
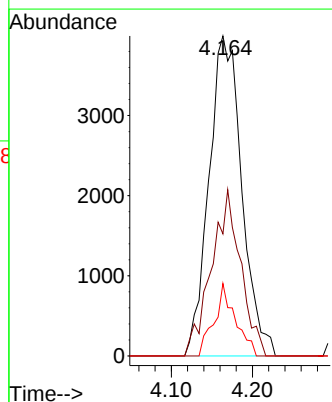
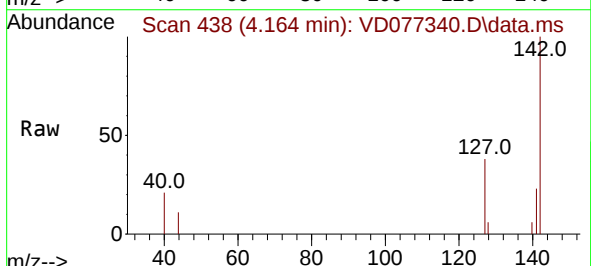
Manual Integrations
APPROVED

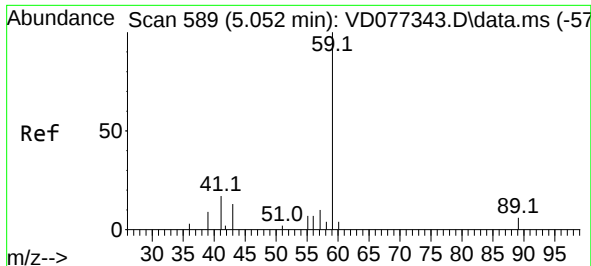
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
Methyl Iodide
Concen: 4.627 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:142 Resp: 11220
Ion Ratio Lower Upper
142 100
127 46.3 29.4 44.0#
141 14.6 11.1 16.7





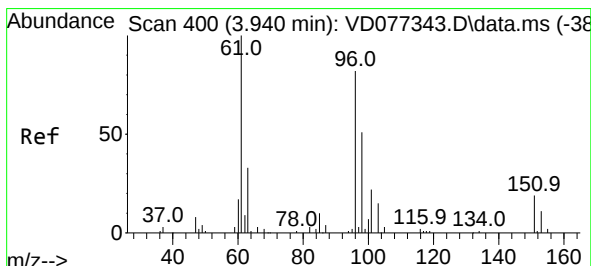
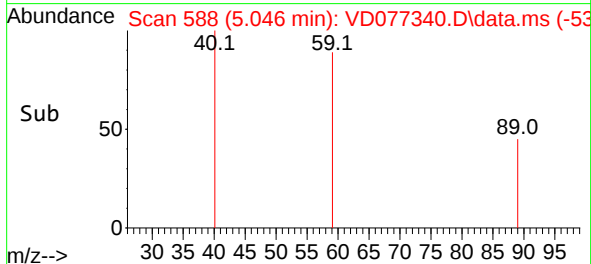
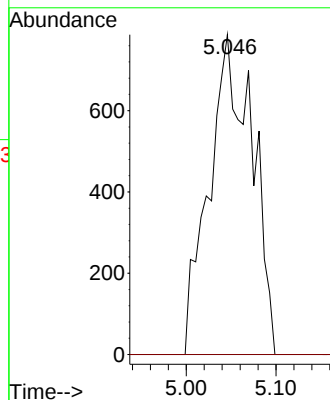
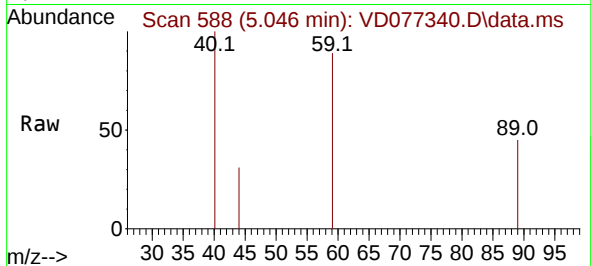
#11
Tert butyl alcohol
Concen: 30.926 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

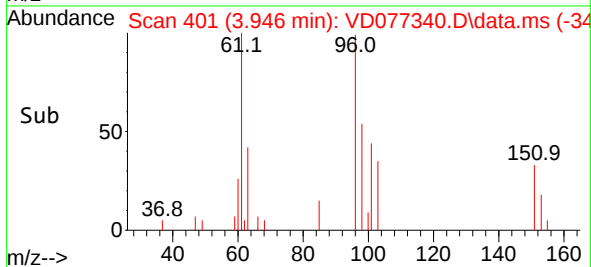
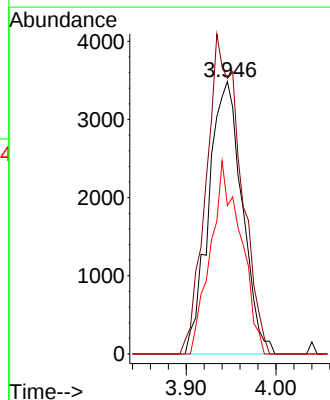
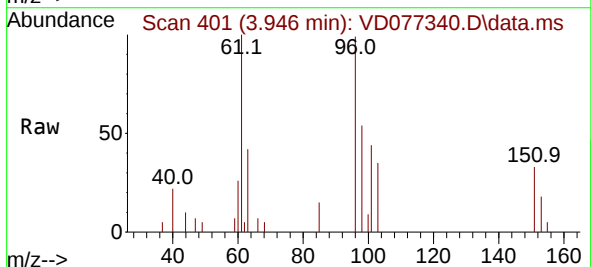
Manual Integrations
APPROVED

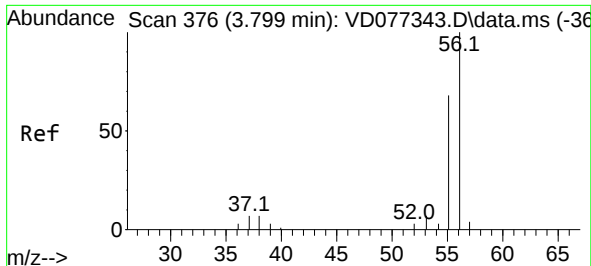
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#12
1,1-Dichloroethene
Concen: 4.643 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion: 96 Resp: 9026
Ion Ratio Lower Upper
96 100
61 101.1 100.6 150.8
98 54.5 50.2 75.2





#13

Acrolein

Concen: 24.750 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 364

Ion Ratio Lower Upper

56 100

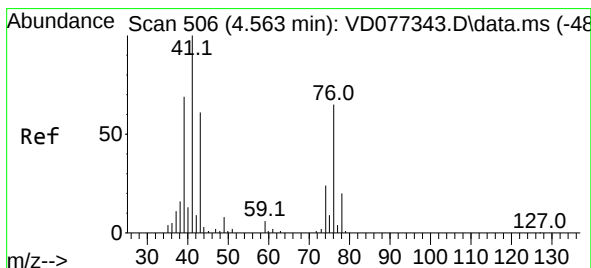
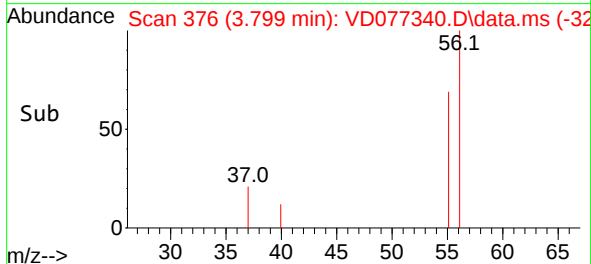
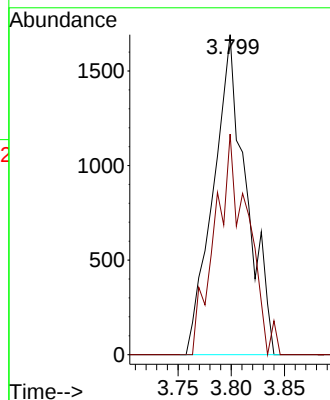
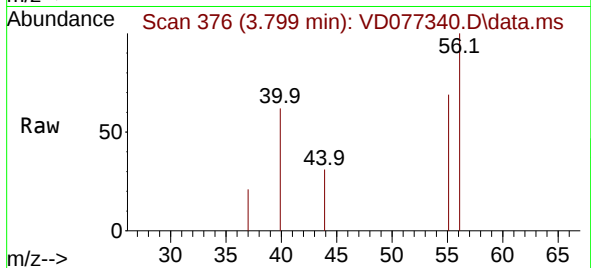
55 69.2 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#14

Allyl chloride

Concen: 4.621 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

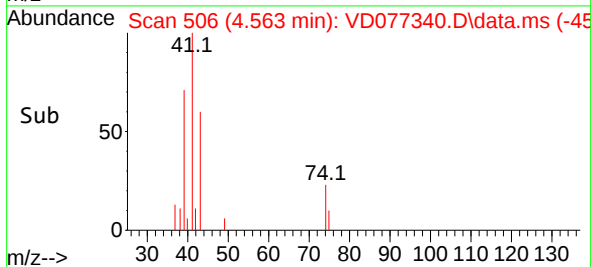
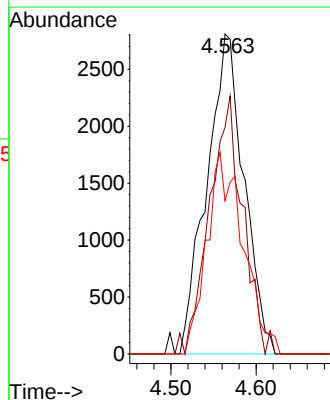
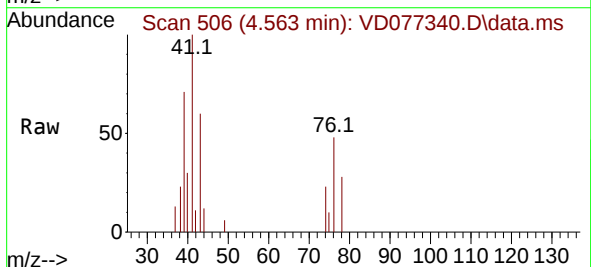
Tgt Ion: 41 Resp: 8524

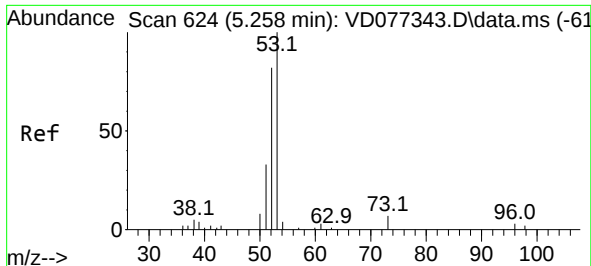
Ion Ratio Lower Upper

41 100

39 72.2 53.8 80.6

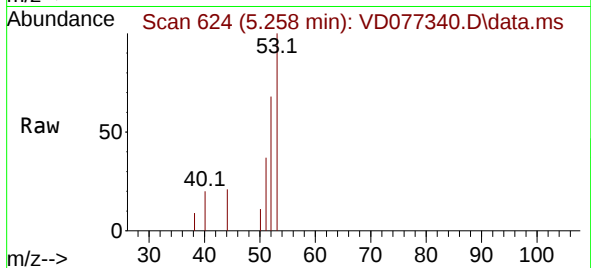
76 61.7 45.8 68.8





#15
Acrylonitrile
Concen: 24.958 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

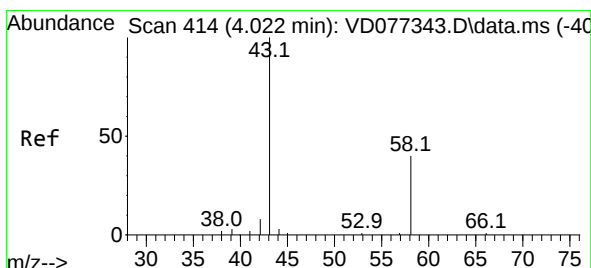
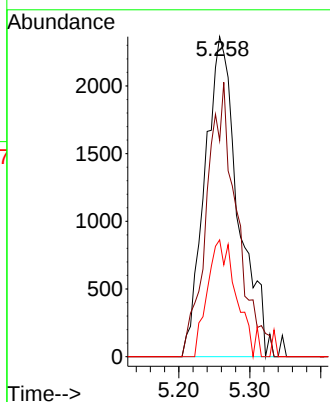
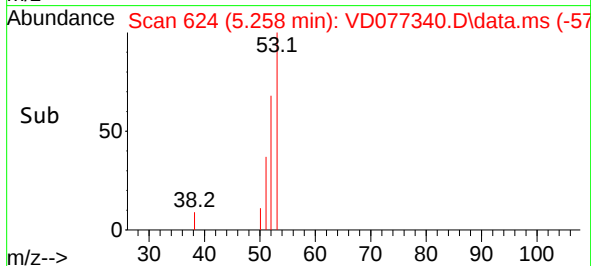
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



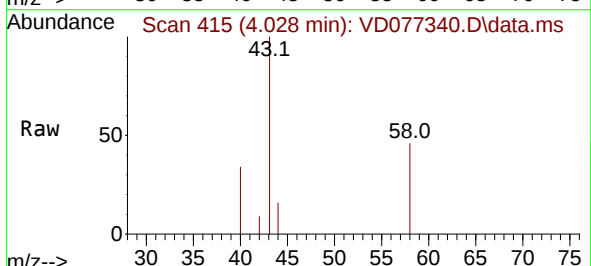
Tgt Ion: 53 Resp: 776
Ion Ratio Lower Upper
53 100
52 77.0 65.0 97.4
51 31.7 28.3 42.5

Manual Integrations
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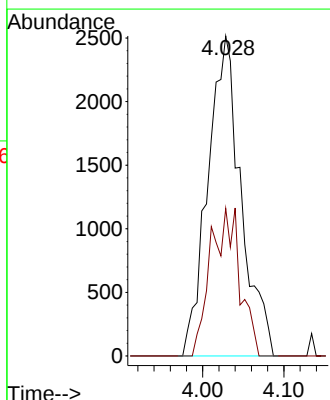
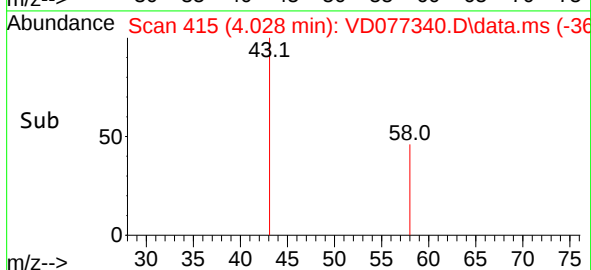
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

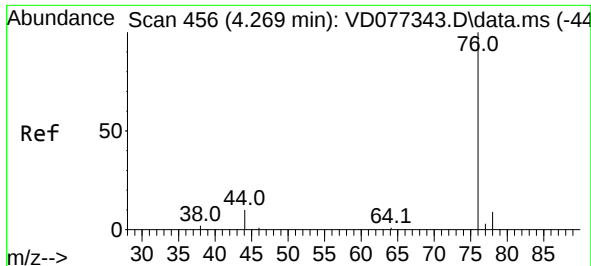


#16
Acetone
Concen: 21.638 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



Tgt Ion: 43 Resp: 7154
Ion Ratio Lower Upper
43 100
58 46.1 34.7 52.1





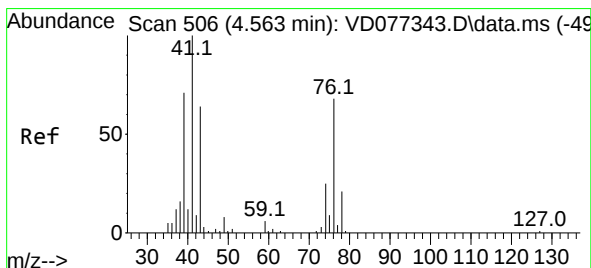
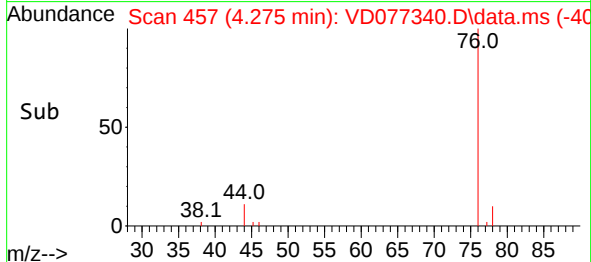
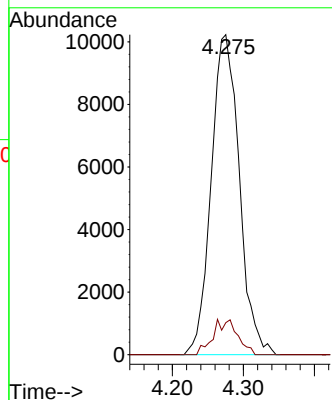
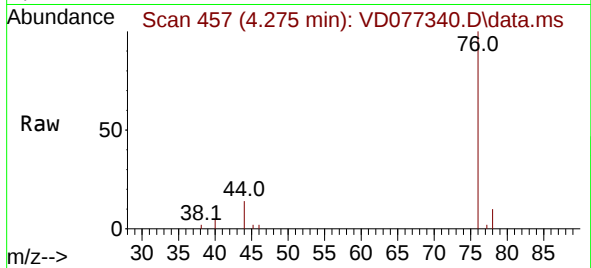
#17
Carbon Disulfide
Concen: 4.911 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2806
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2

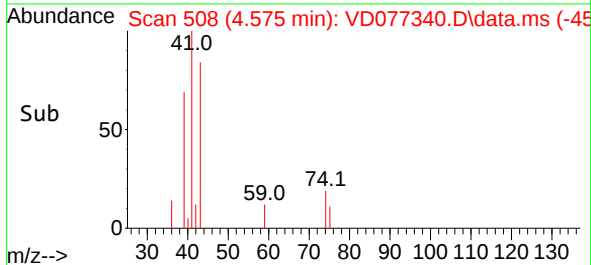
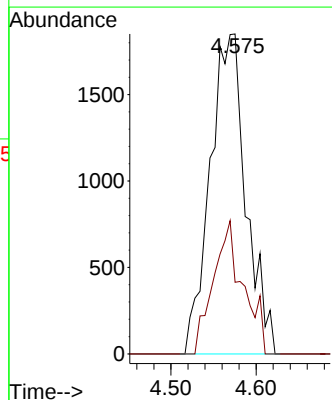
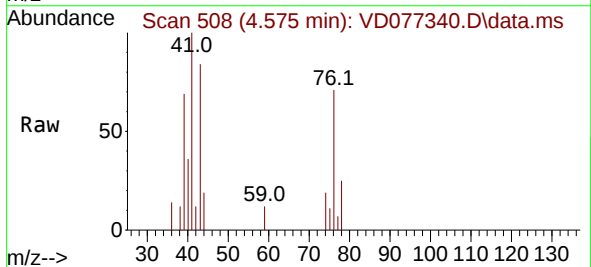
Manual Integrations
APPROVED

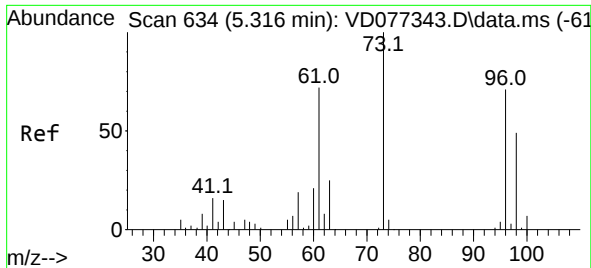
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#18
Methyl Acetate
Concen: 4.724 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion: 43 Resp: 5436
Ion Ratio Lower Upper
43 100
74 34.5 26.4 39.6





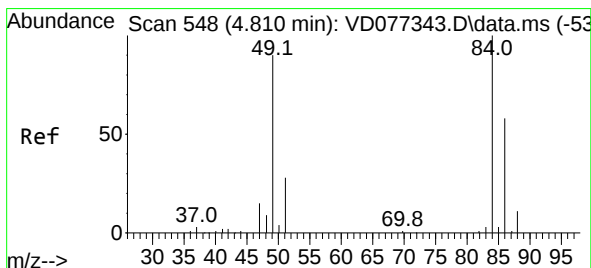
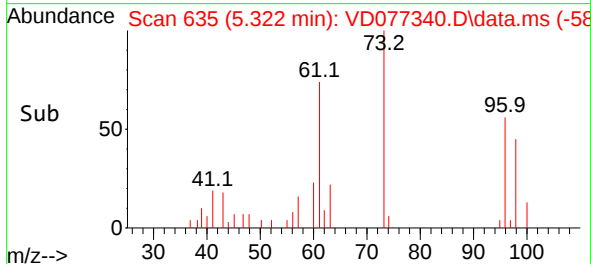
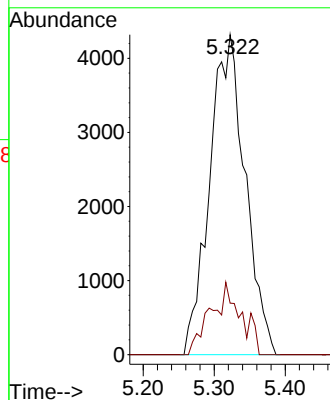
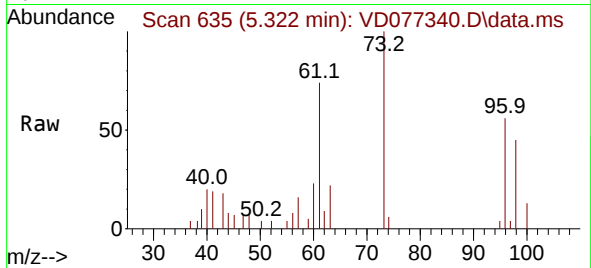
#19
Methyl tert-butyl Ether
Concen: 4.526 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1498
Ion Ratio Lower Upper
73 100
57 16.1 16.6 25.0

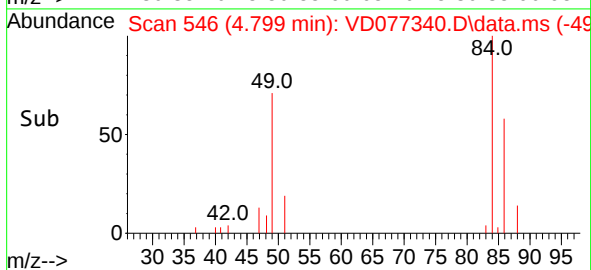
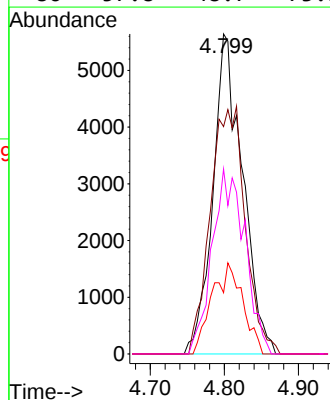
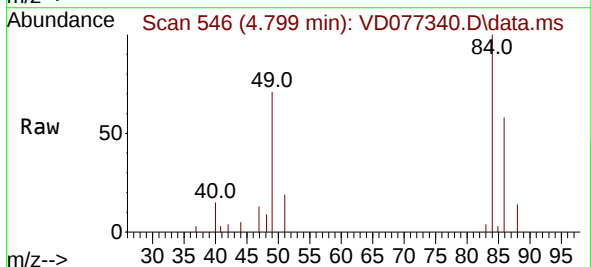
Manual Integrations
APPROVED

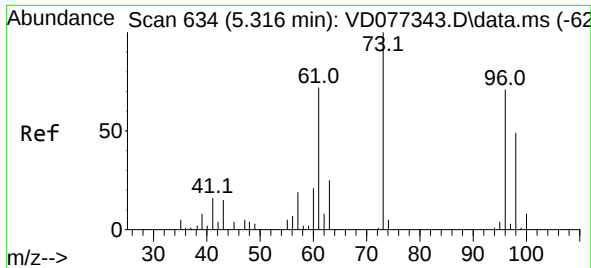
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
Methylene Chloride
Concen: 3.366 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

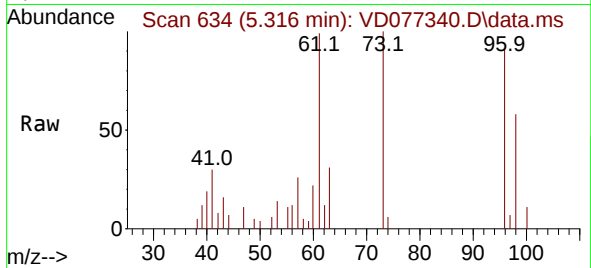
Tgt Ion: 84 Resp: 15639
Ion Ratio Lower Upper
84 100
49 71.1 71.4 107.2#
51 19.2 24.5 36.7#
86 57.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 4.992 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

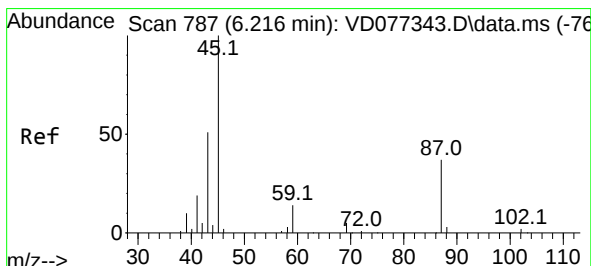
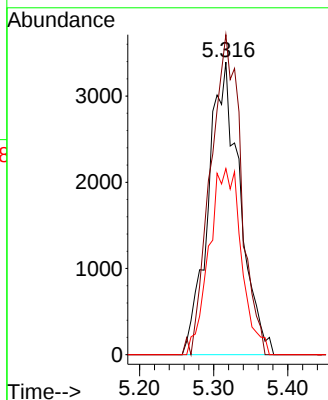
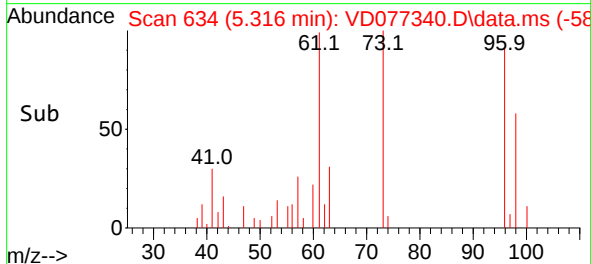
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



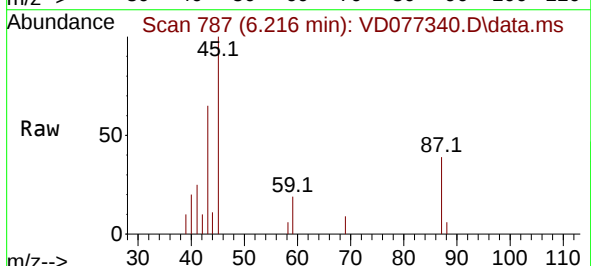
Tgt Ion: 96 Resp: 10094
Ion Ratio Lower Upper
96 100
61 109.3 89.3 133.9
98 63.6 48.6 73.0

Manual Integrations
APPROVED

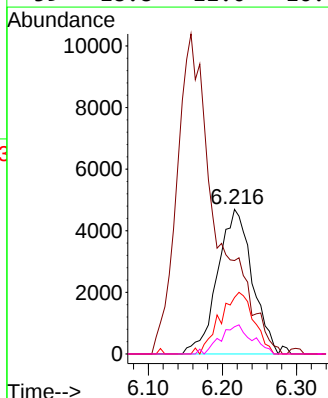
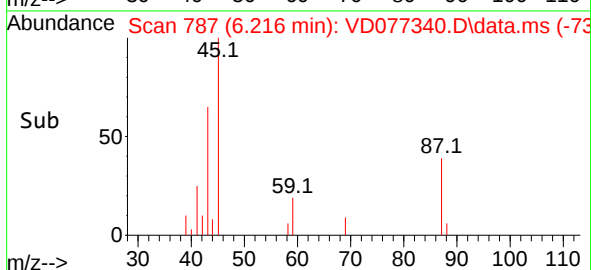
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

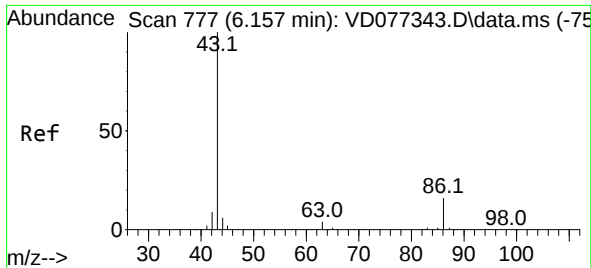


#22
Diisopropyl ether
Concen: 4.204 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



Tgt Ion: 45 Resp: 15223
Ion Ratio Lower Upper
45 100
43 59.8 40.0 60.0
87 39.0 28.2 42.4
59 18.8 11.0 16.4#





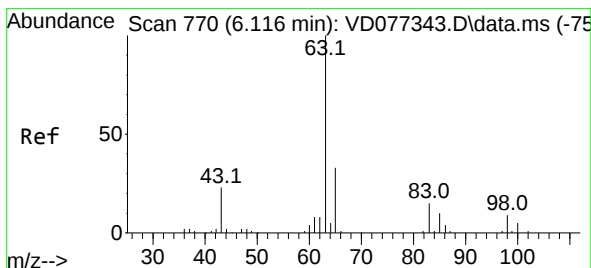
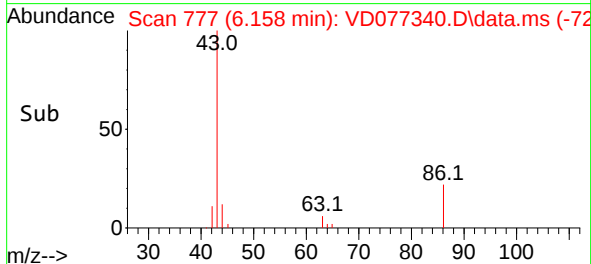
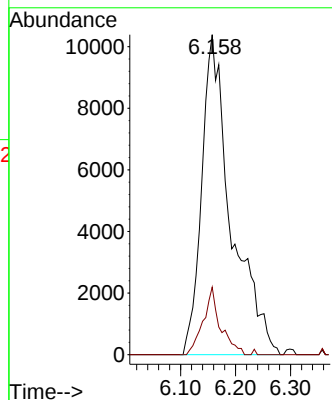
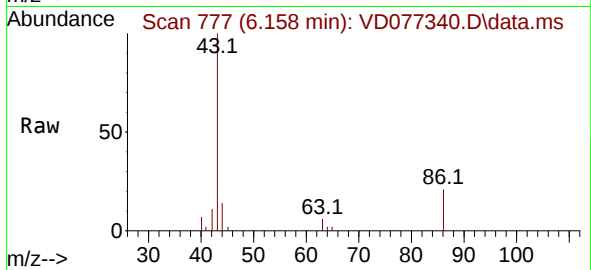
#23
 Vinyl Acetate
 Concen: 22.860 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 3879
 Ion Ratio Lower Upper
 43 100
 86 21.1 12.5 18.7

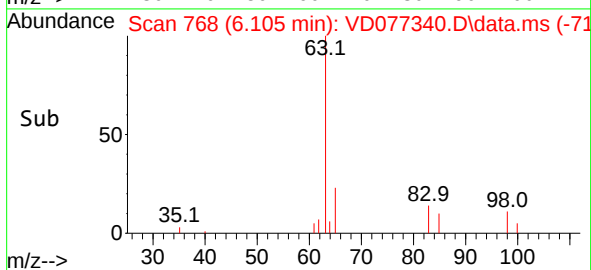
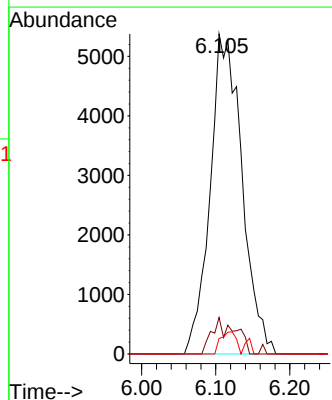
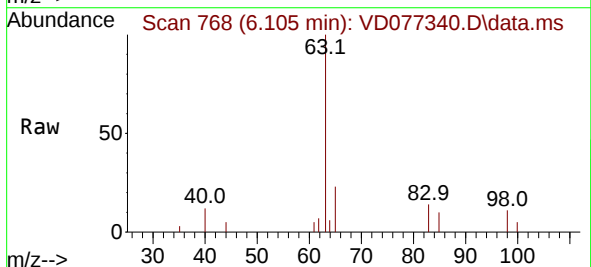
Manual Integrations
 APPROVED

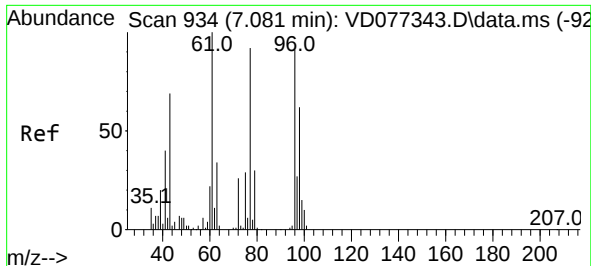
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 5.330 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

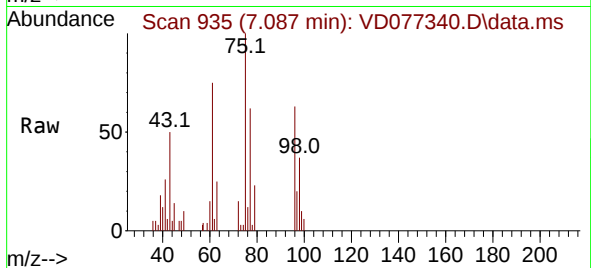
Tgt Ion: 63 Resp: 16046
 Ion Ratio Lower Upper
 63 100
 98 11.4 4.5 13.7
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 25.390 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

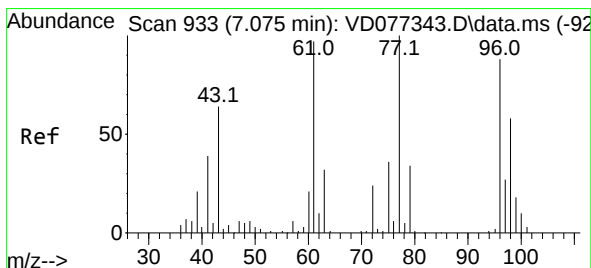
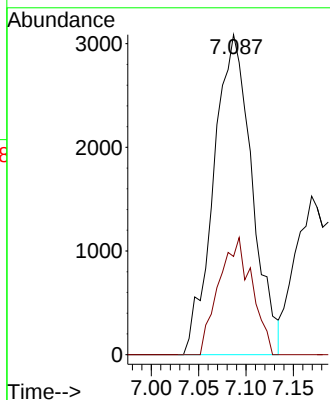
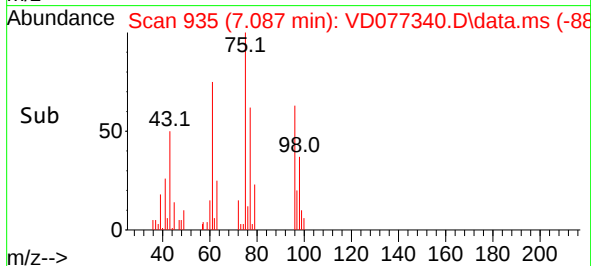
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 8708
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1

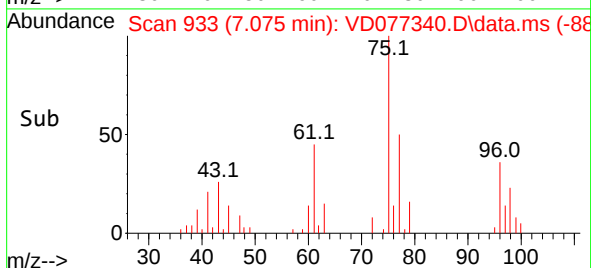
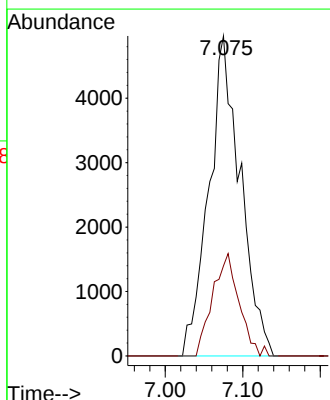
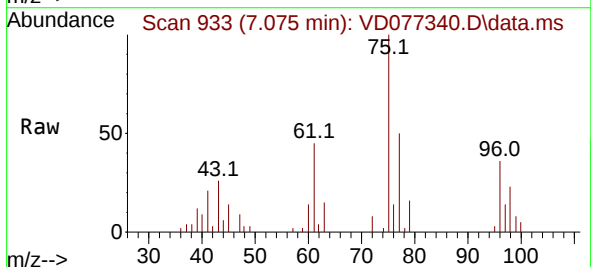
Manual Integrations
APPROVED

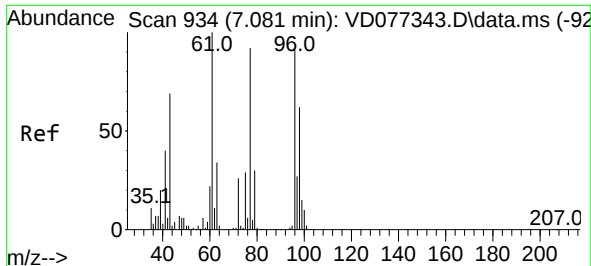
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
2,2-Dichloropropane
Concen: 5.103 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

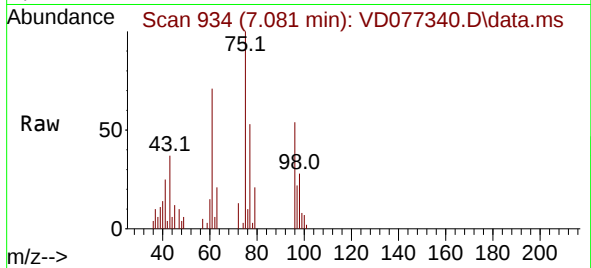
Tgt Ion: 77 Resp: 14008
Ion Ratio Lower Upper
77 100
97 27.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.848 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

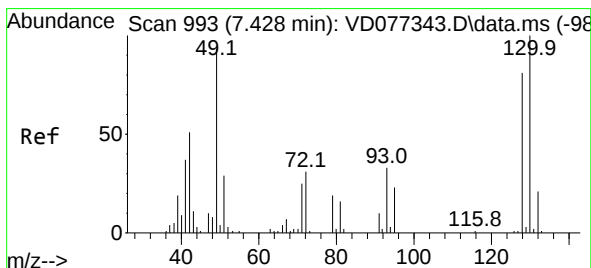
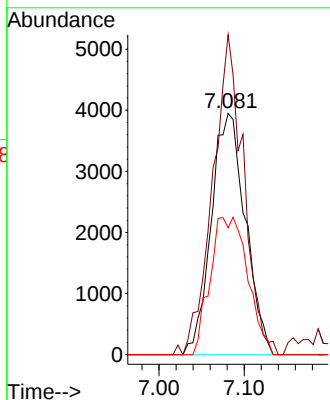
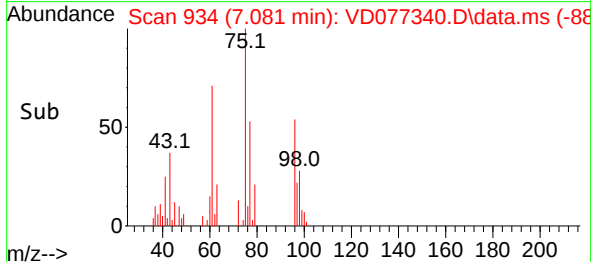
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 1099
 Ion Ratio Lower Upper
 96 100
 61 120.3 0.0 239.2
 98 62.9 0.0 128.6

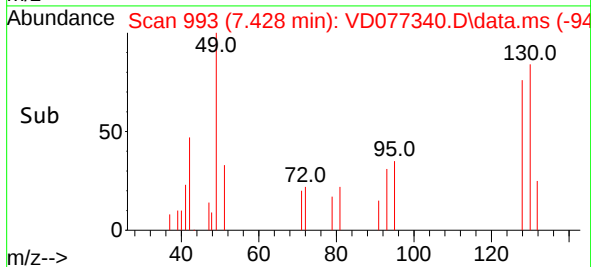
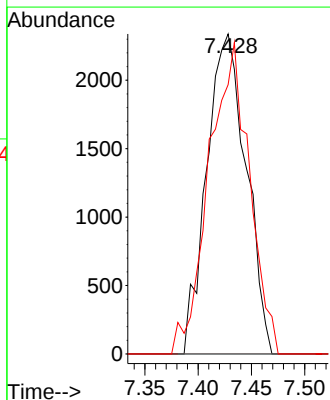
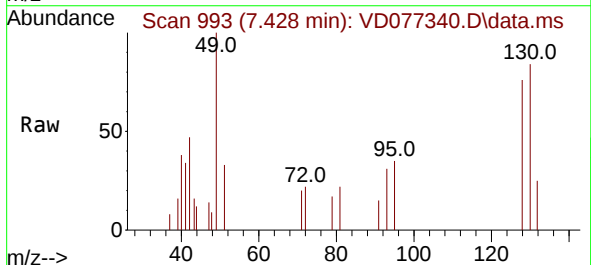
Manual Integrations
 APPROVED

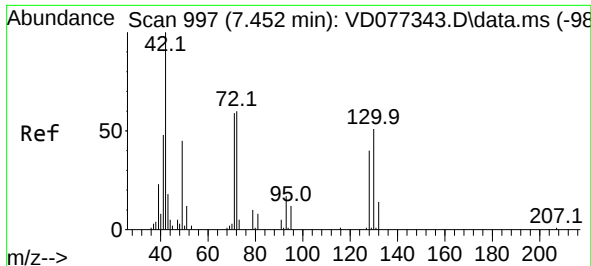
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#28
 Bromochloromethane
 Concen: 5.474 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

Tgt Ion: 49 Resp: 6020
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 99.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 23.579 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

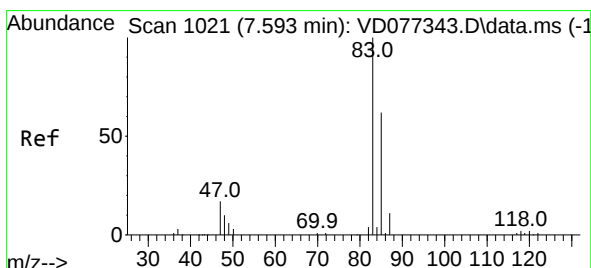
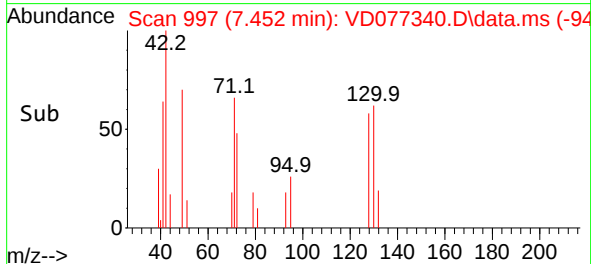
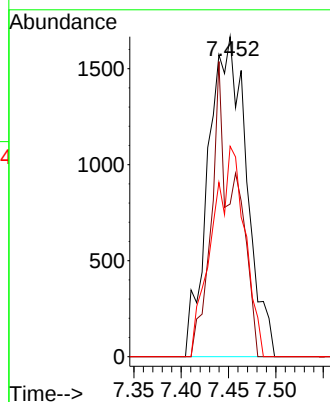
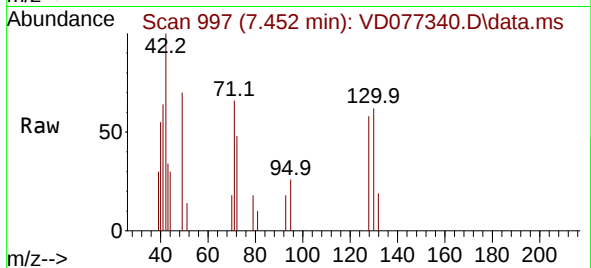
VSTDIC005

Tgt Ion:	42	Resp:	466
Ion Ratio	Lower	Upper	
42	100		
72	36.7	46.5	69.7
71	56.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#30

Chloroform

Concen: 5.206 ug/l

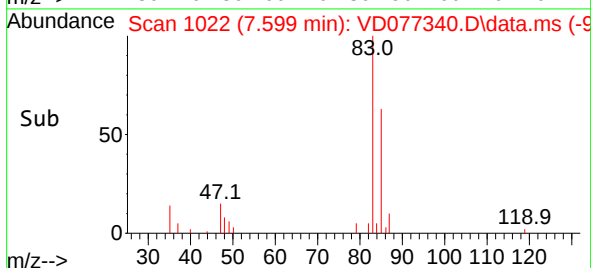
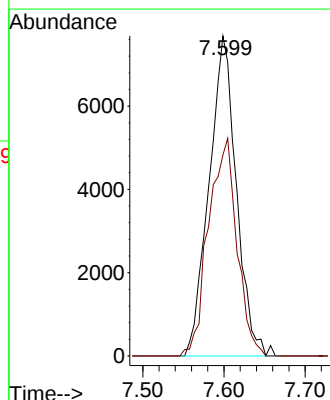
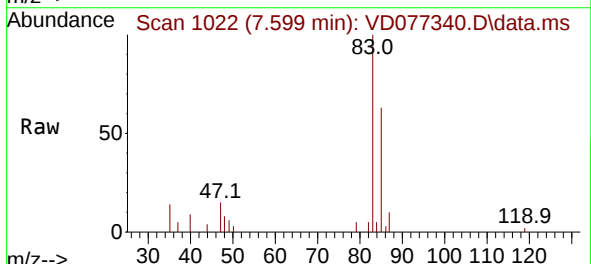
RT: 7.599 min Scan# 1022

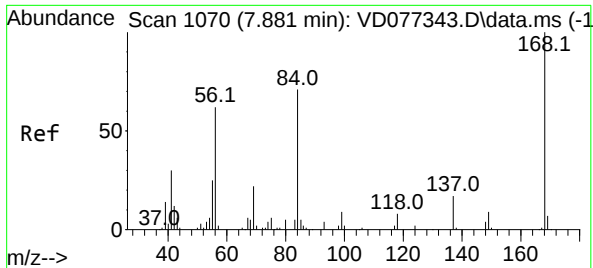
Delta R.T. 0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

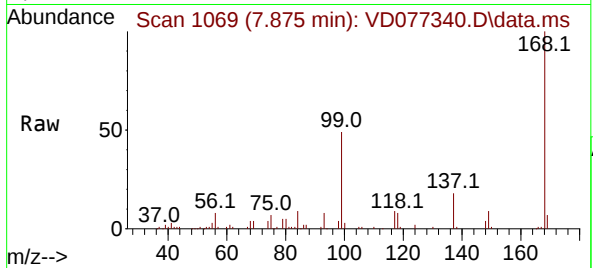
Tgt Ion:	83	Resp:	17983
Ion Ratio	Lower	Upper	
83	100		
85	62.8	53.4	80.2





#31
Cyclohexane
Concen: 5.686 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

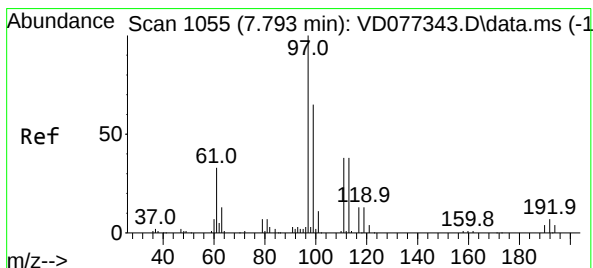
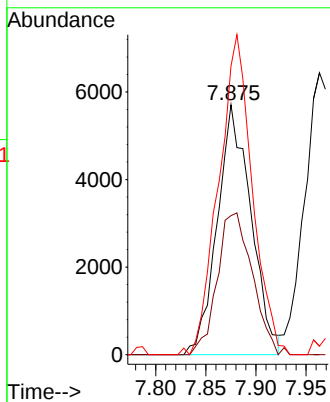
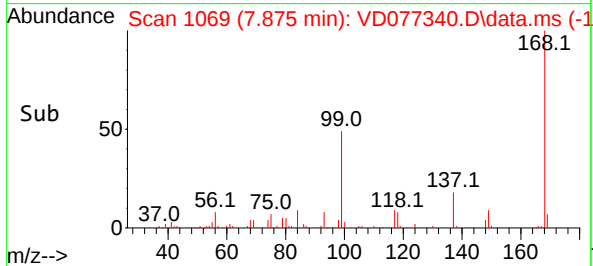
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



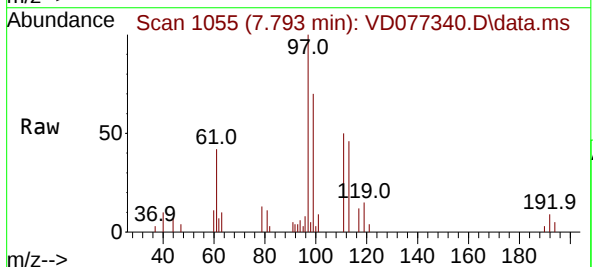
Tgt Ion: 56 Resp: 13338
Ion Ratio Lower Upper
56 100
69 55.6 28.6 43.0
84 115.5 84.8 127.2

Manual Integrations
APPROVED

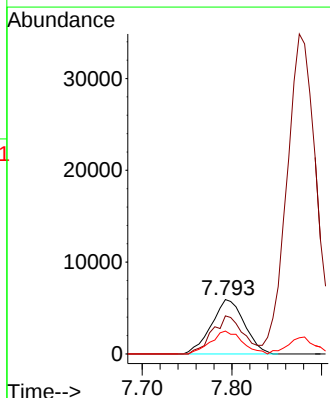
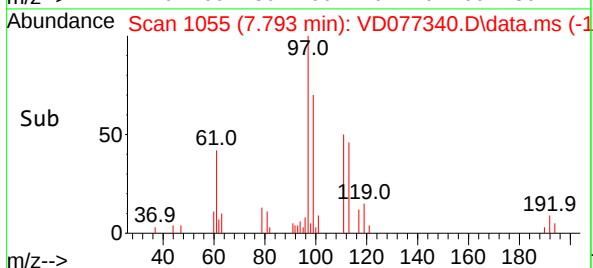
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

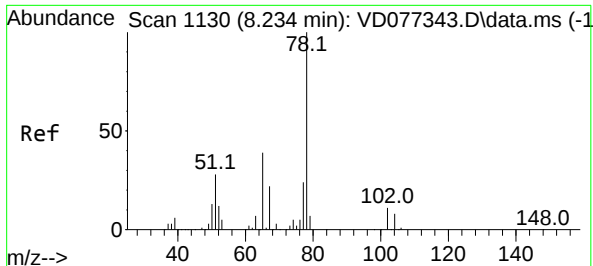


#32
1,1,1-Trichloroethane
Concen: 5.068 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



Tgt Ion: 97 Resp: 15103
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 6.018 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 9074

Ion Ratio Lower Upper

65 100

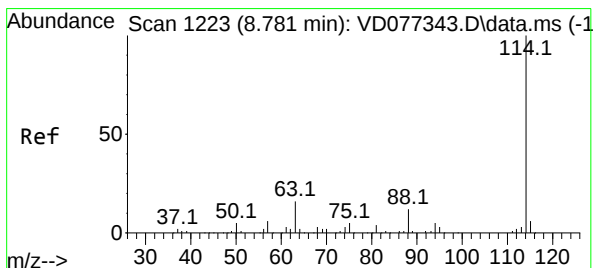
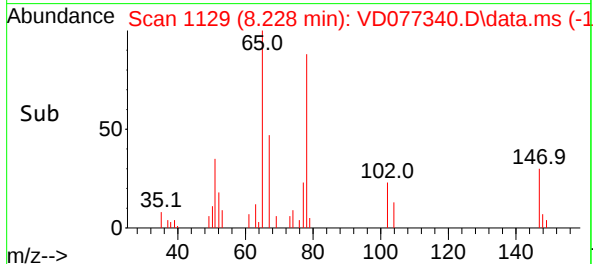
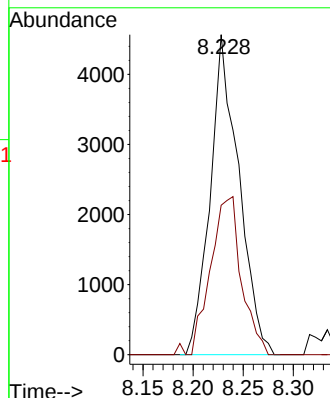
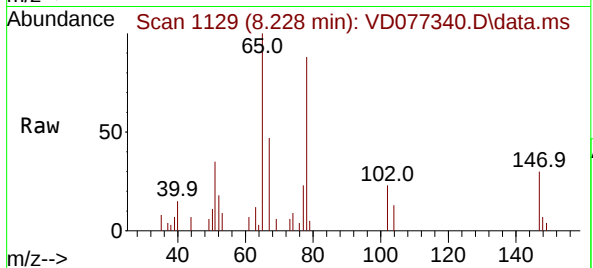
67 53.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

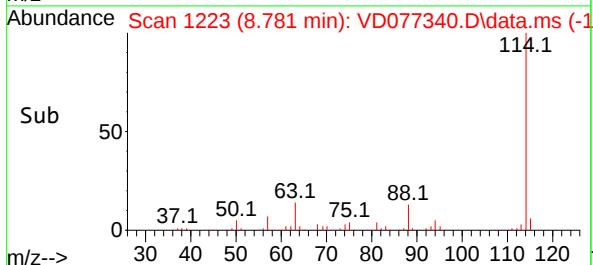
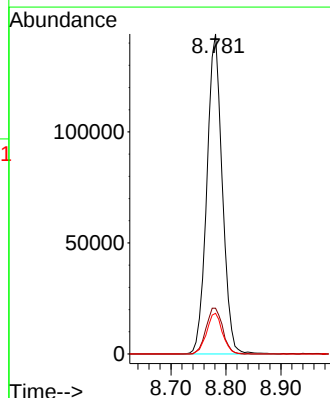
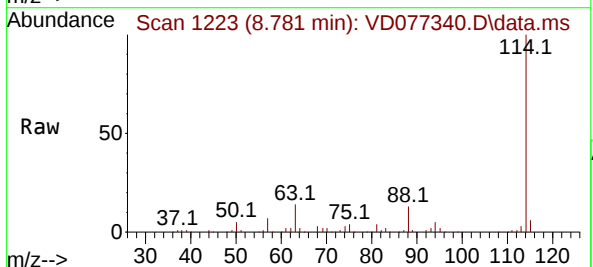
Tgt Ion:114 Resp: 280092

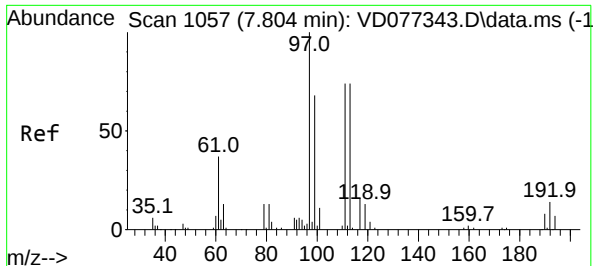
Ion Ratio Lower Upper

114 100

63 14.3 0.0 33.4

88 12.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 5.699 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

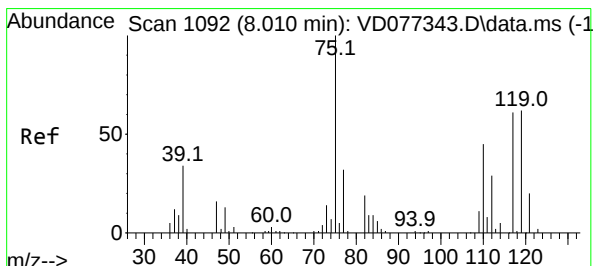
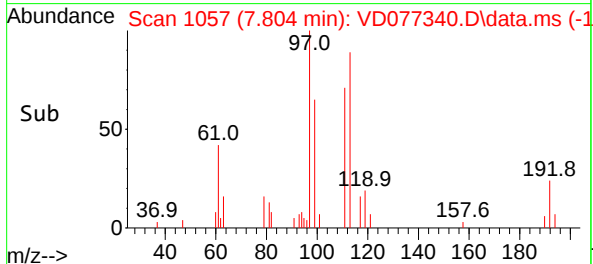
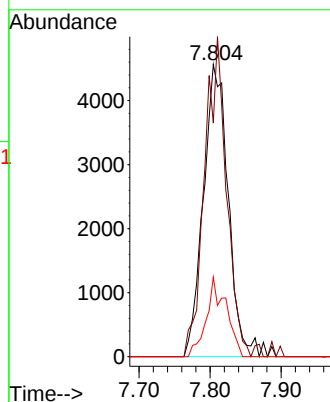
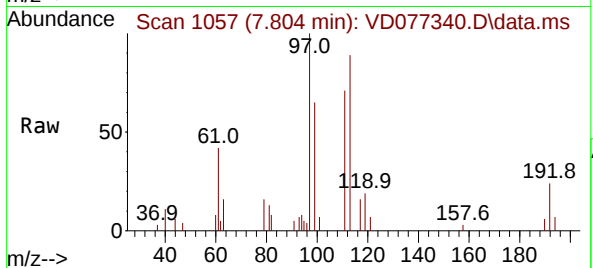
VSTDIC005

Tgt Ion:	113	Resp:	11214
Ion	Ratio	Lower	Upper
113	100		
111	95.5	84.7	127.1
192	21.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#36

1,1-Dichloropropene

Concen: 4.830 ug/l

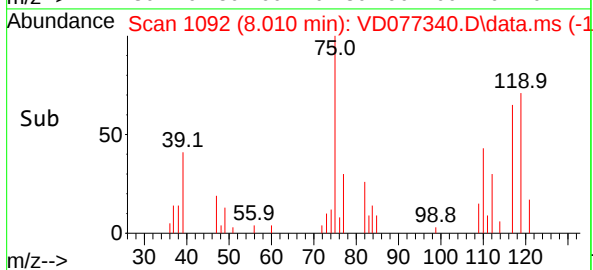
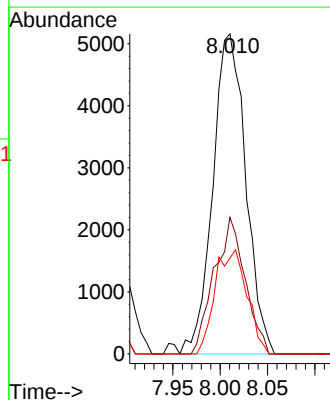
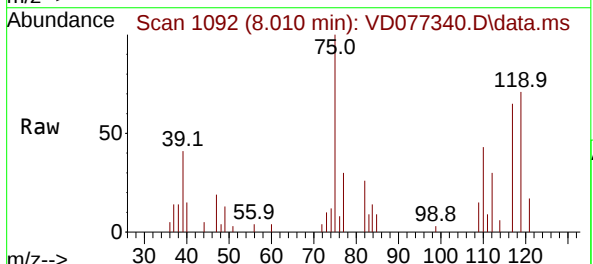
RT: 8.010 min Scan# 1092

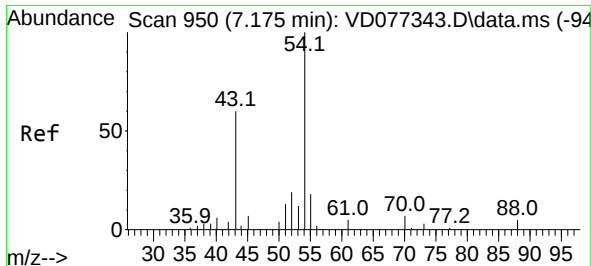
Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Tgt Ion:	75	Resp:	12488
Ion	Ratio	Lower	Upper
75	100		
110	40.0	19.9	59.6
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 5.356 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

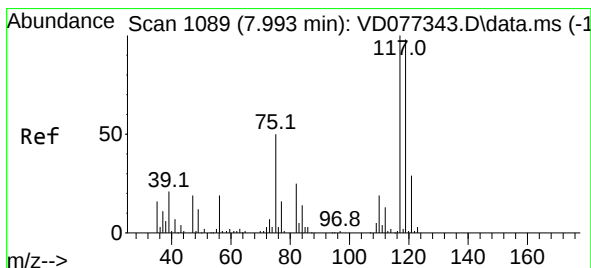
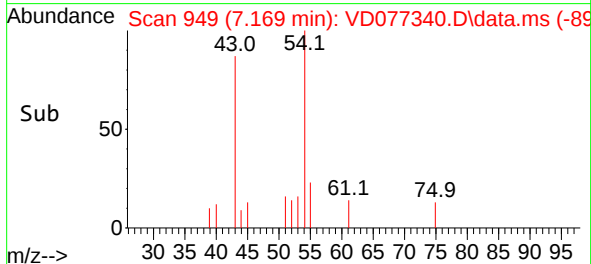
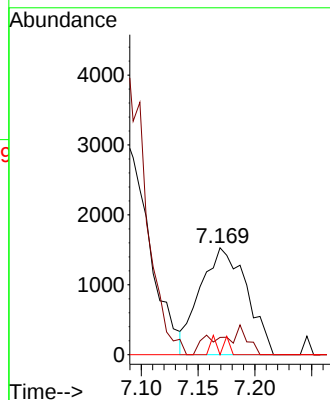
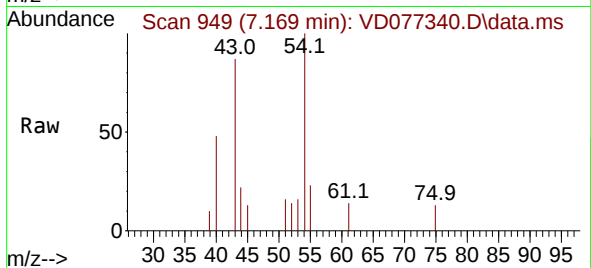
Tgt Ion: 43 Resp: 4350

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3
70	4.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38

Carbon Tetrachloride

Concen: 5.042 ug/l

RT: 7.993 min Scan# 1089

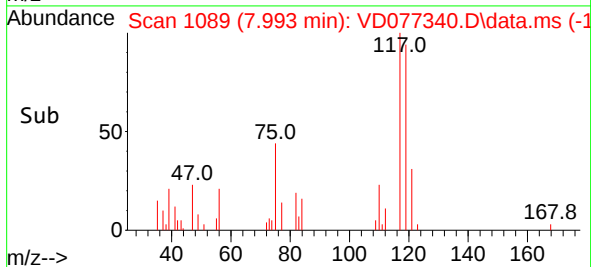
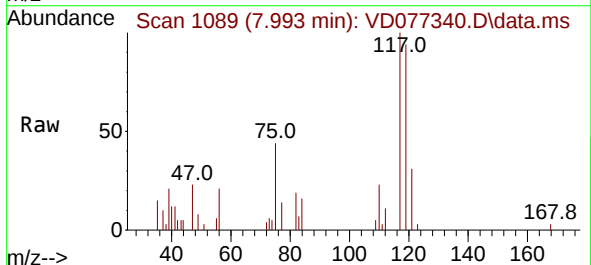
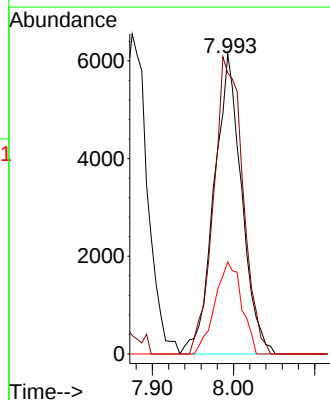
Delta R.T. -0.000 min

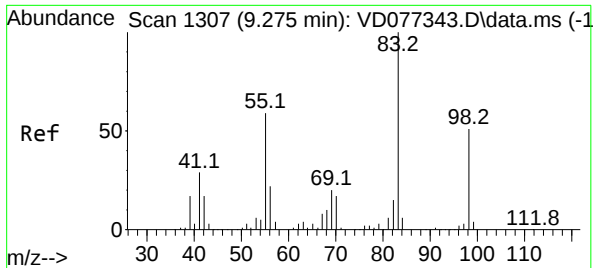
Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Tgt Ion:117 Resp: 14502

Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.0	117.0
121	30.7	24.2	36.2





#39

Methylcyclohexane

Concen: 4.880 ug/l

RT: 9.275 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

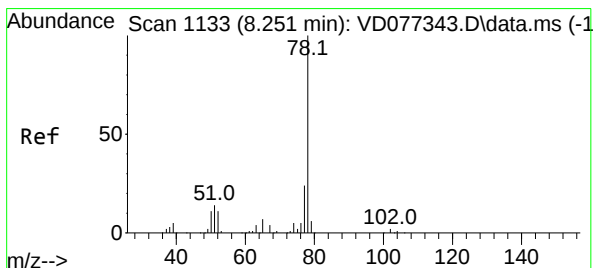
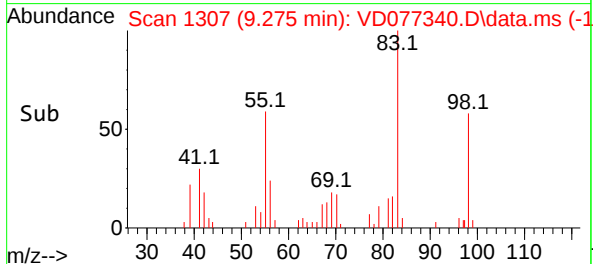
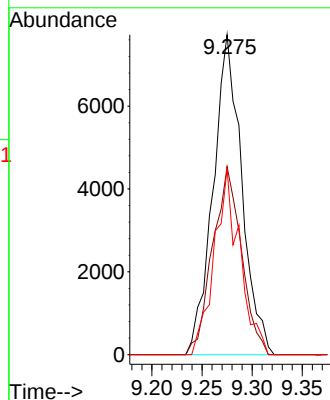
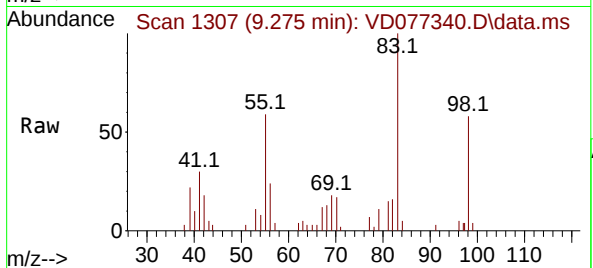
VSTDIC005

Tgt Ion: 83	Resp: 1533
Ion Ratio	Lower Upper
83 100	
55 58.8	49.4 74.0
98 58.1	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40

Benzene

Concen: 4.840 ug/l

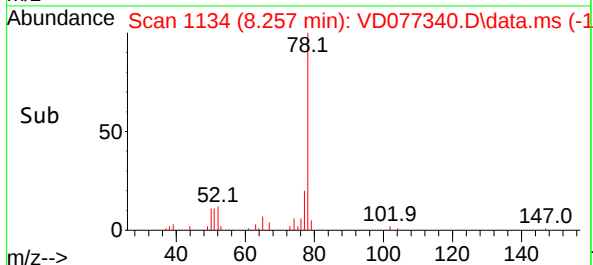
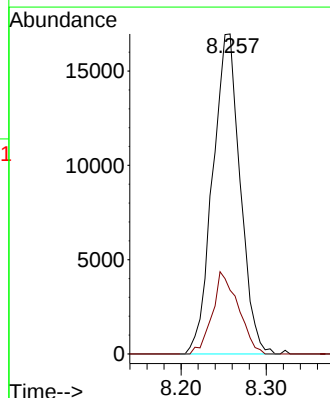
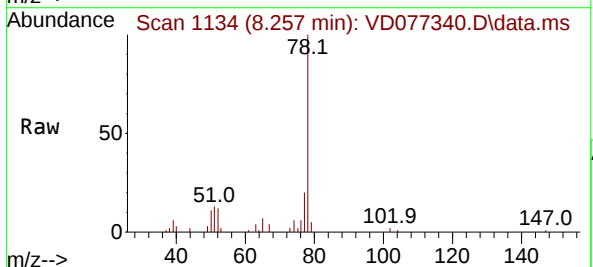
RT: 8.257 min Scan# 1134

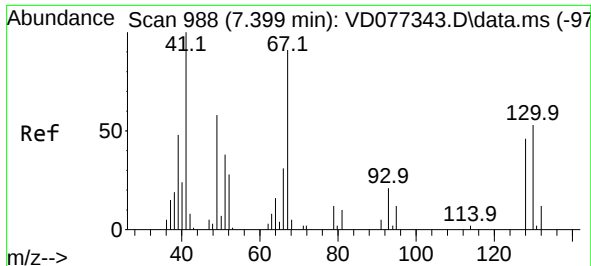
Delta R.T. 0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Tgt Ion: 78	Resp: 37978
Ion Ratio	Lower Upper
78 100	
77 19.9	19.4 29.0





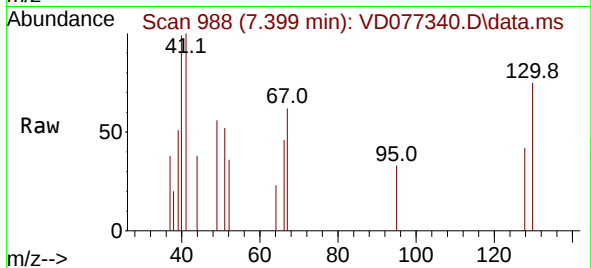
#41
Methacrylonitrile
Concen: 4.425 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

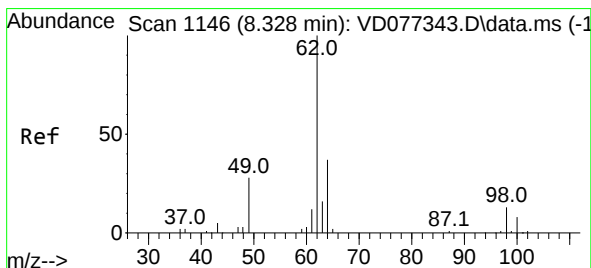
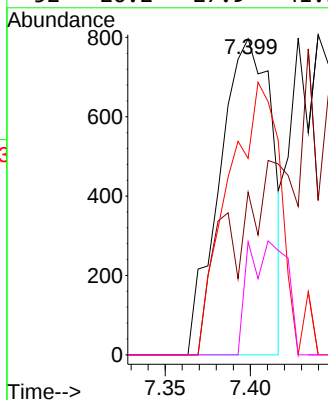
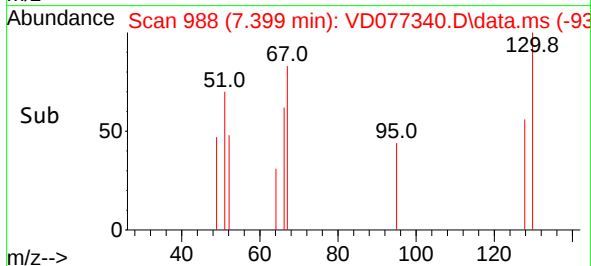


Tgt Ion: 41 Resp: 1715
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0
67 87.0 77.0 115.4
52 26.2 27.9 41.9#

Manual Integrations

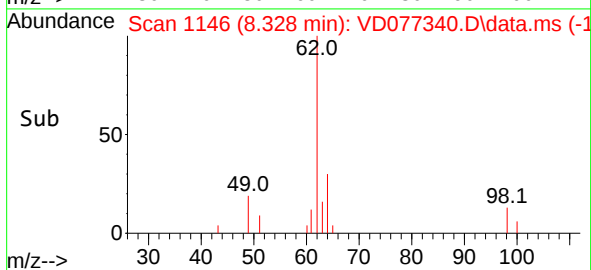
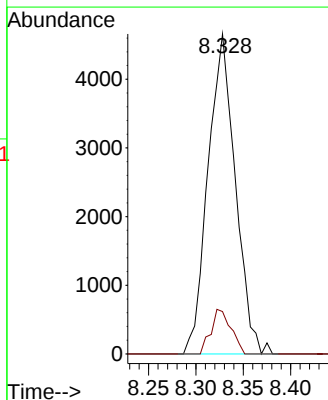
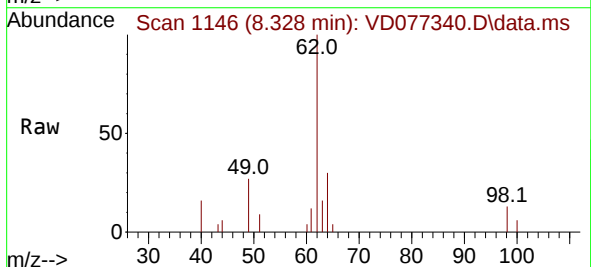
APPROVED

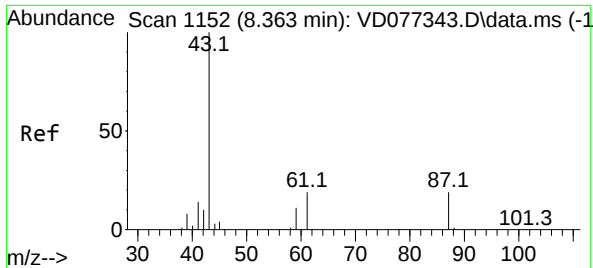
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
1,2-Dichloroethane
Concen: 5.068 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion: 62 Resp: 9366
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4





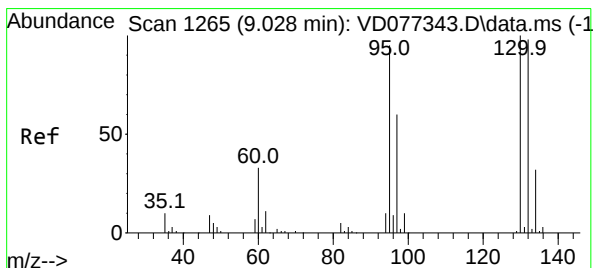
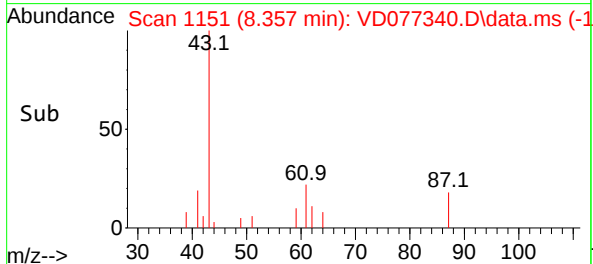
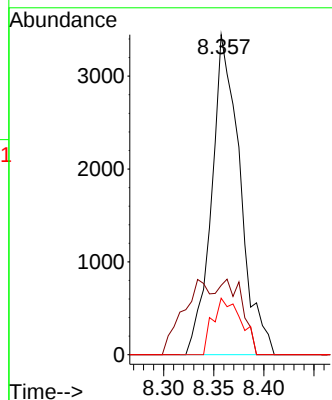
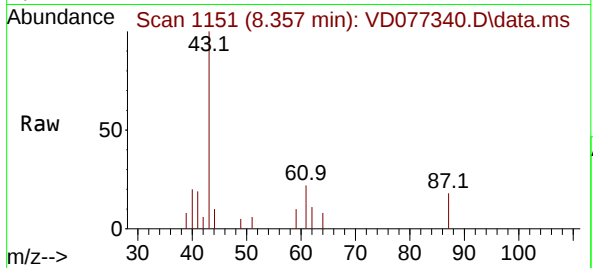
#43
Isopropyl Acetate
Concen: 4.643 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument : MSVOA_D
ClientSampleId : VSTDIC005

Tgt Ion: 43 Resp: 6789
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0
87 17.7 14.9 22.3

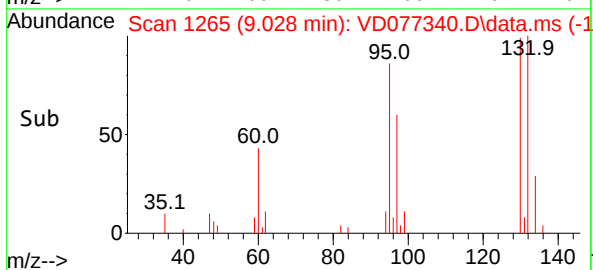
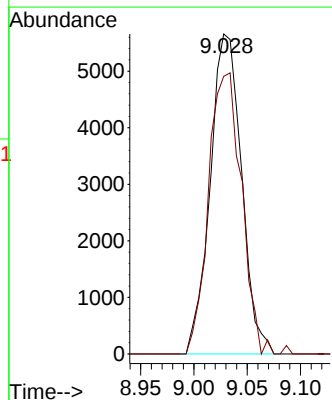
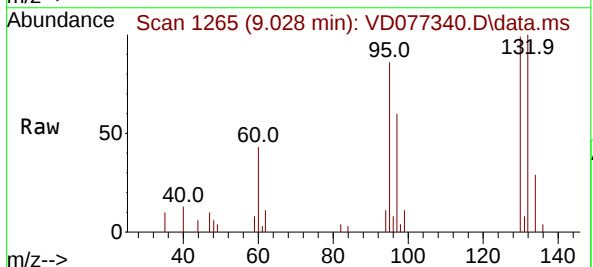
Manual Integrations
APPROVED

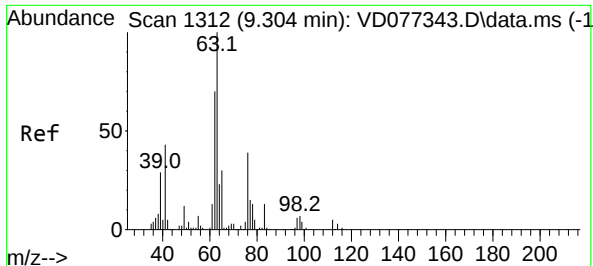
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#44
Trichloroethene
Concen: 5.046 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:130 Resp: 11575
Ion Ratio Lower Upper
130 100
95 86.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.866 ug/l

RT: 9.310 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 880

Ion Ratio Lower Upper

63 100

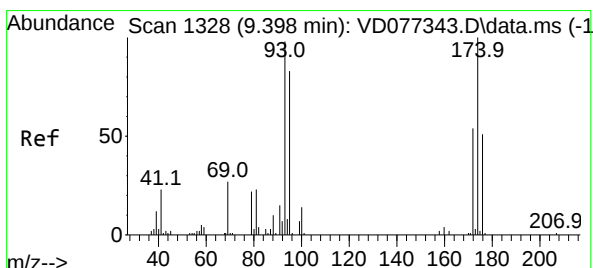
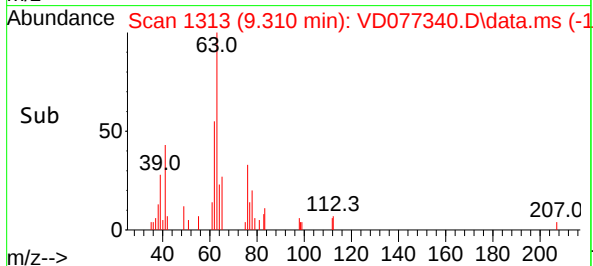
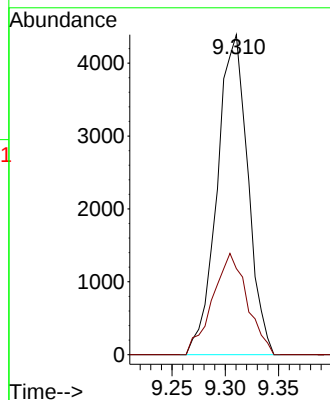
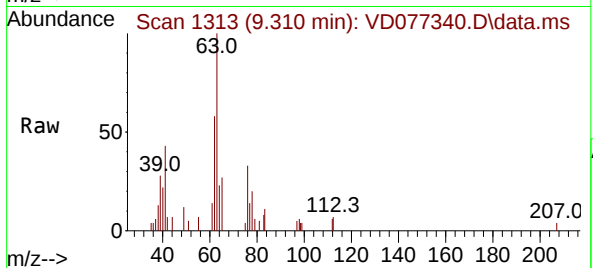
65 26.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#46

Dibromomethane

Concen: 4.912 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.001 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

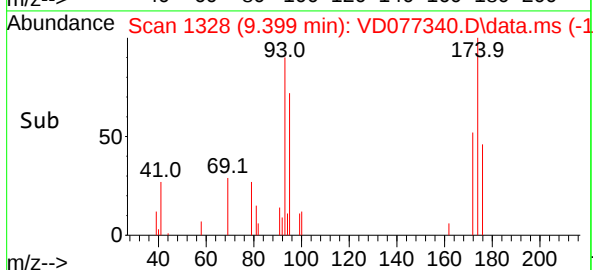
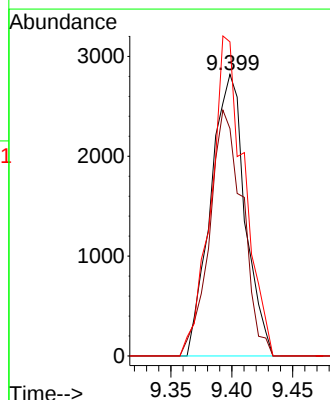
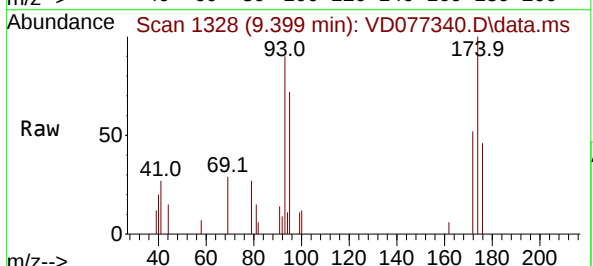
Tgt Ion: 93 Resp: 5555

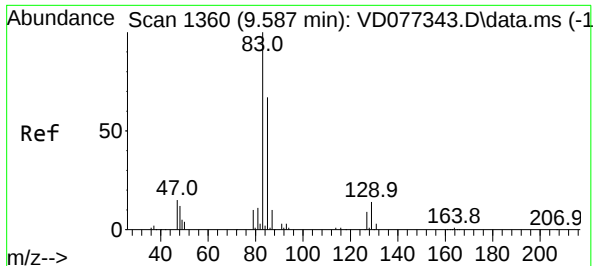
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

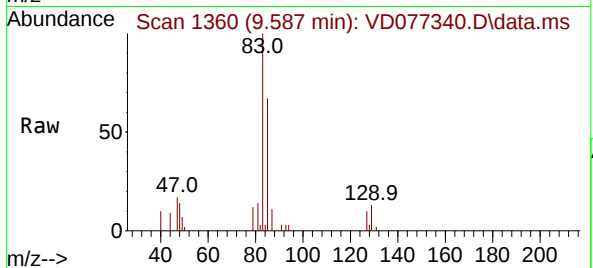
174 109.4 85.4 128.2





#47
Bromodichloromethane
Concen: 4.896 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

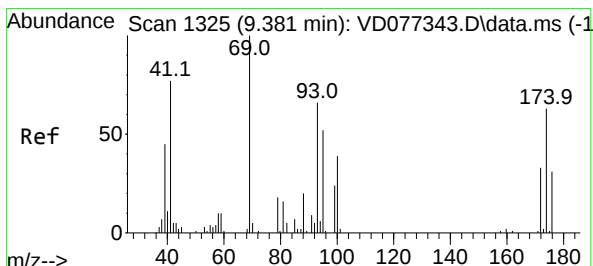
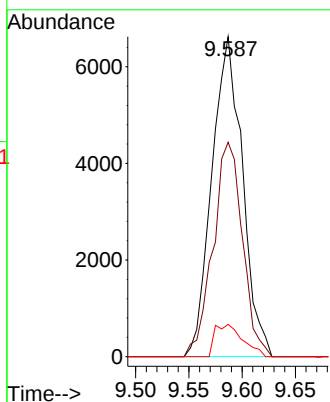
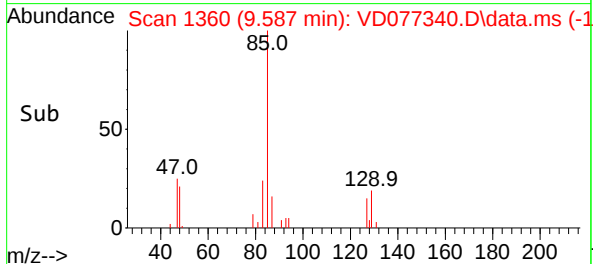
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



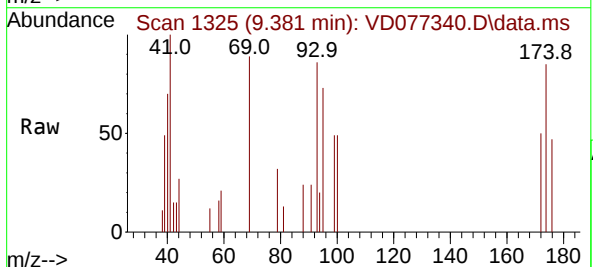
Tgt Ion: 83 Resp: 1320
Ion Ratio Lower Upper
83 100
85 67.0 50.2 75.4
127 10.1 6.3 9.5

Manual Integrations
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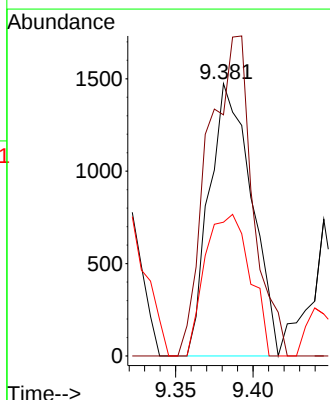
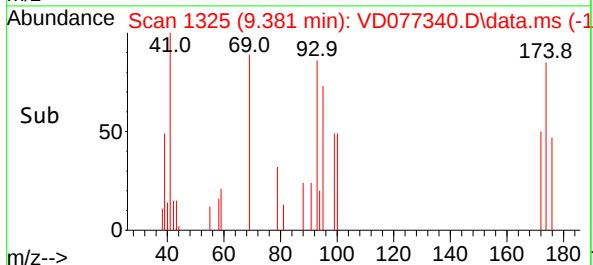
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

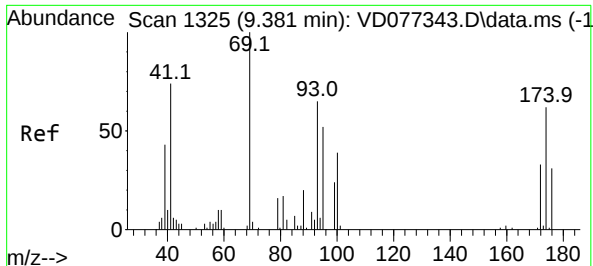


#48
Methyl methacrylate
Concen: 4.227 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



Tgt Ion: 41 Resp: 2796
Ion Ratio Lower Upper
41 100
69 124.6 102.2 153.2
39 55.5 41.4 62.2





#49

1,4-Dioxane

Concen: 90.118 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 614

Ion Ratio Lower Upper

88 100

43 35.3 19.0 28.6

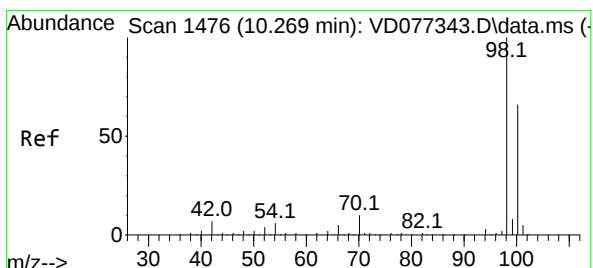
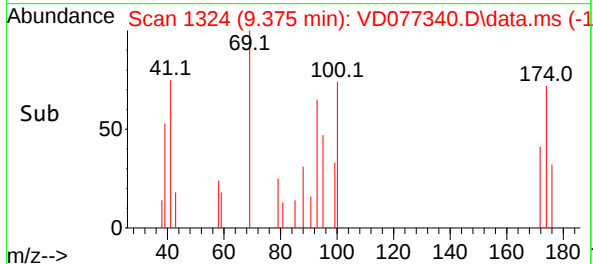
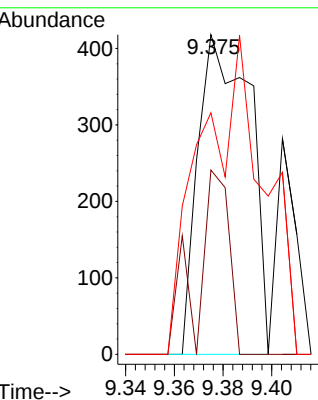
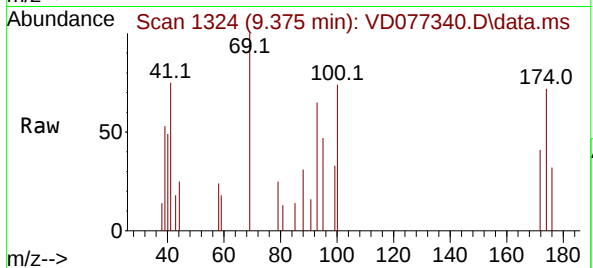
58 121.2 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#50

Toluene-d8

Concen: 5.111 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077340.D

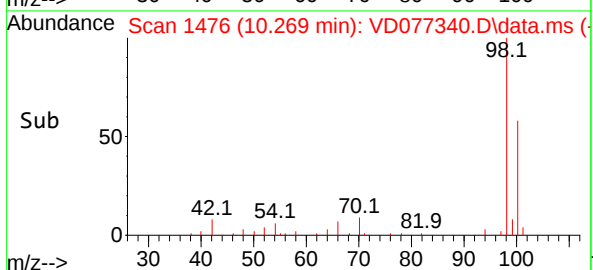
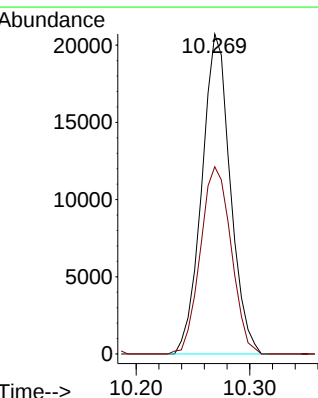
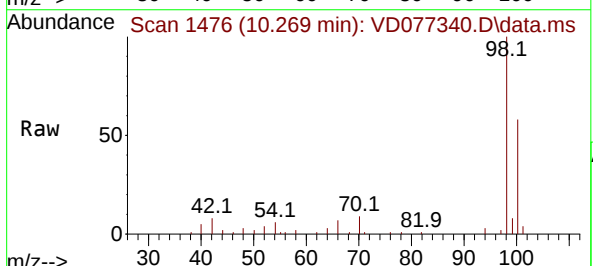
Acq: 17 Oct 2023 14:36

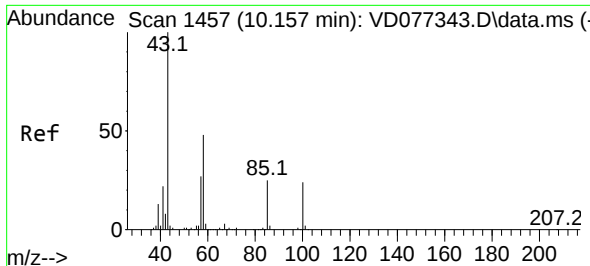
Tgt Ion: 98 Resp: 36018

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5





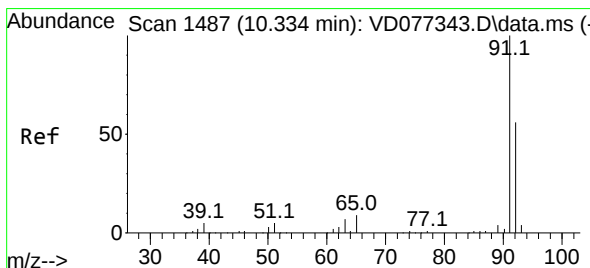
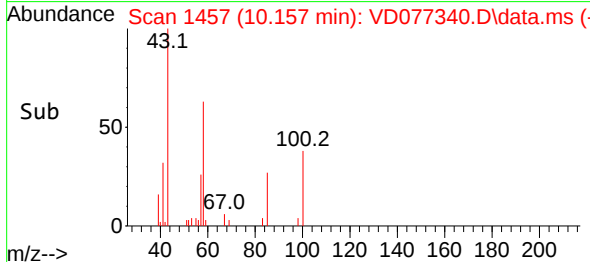
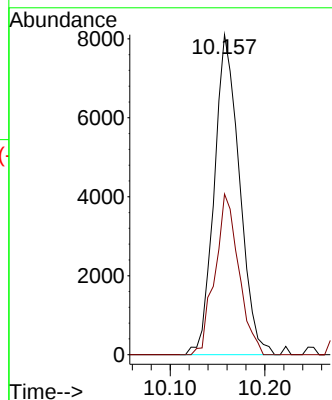
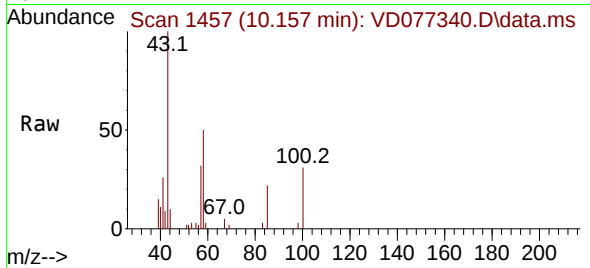
#51
4-Methyl-2-Pentanone
Concen: 20.442 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 47.4 38.9 58.3

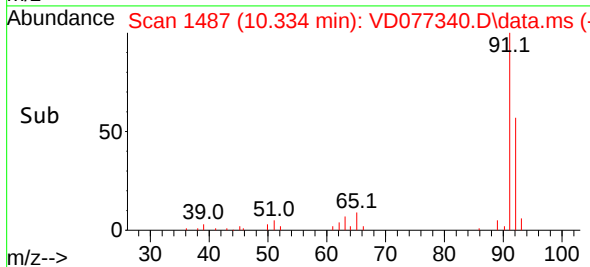
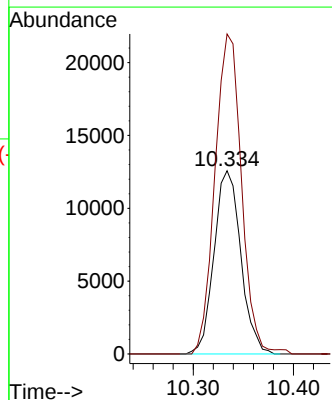
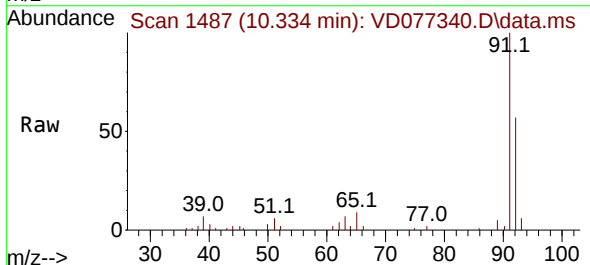
Manual Integrations
APPROVED

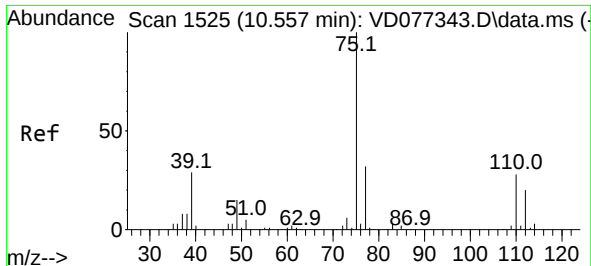
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#52
Toluene
Concen: 4.545 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion: 92 Resp: 23286
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 4.285 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

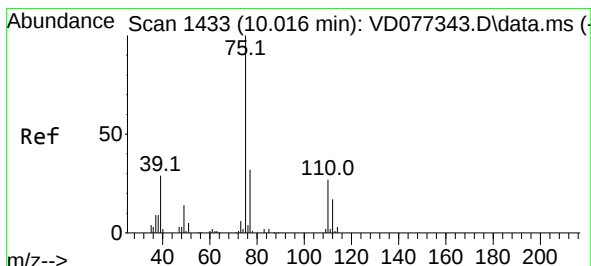
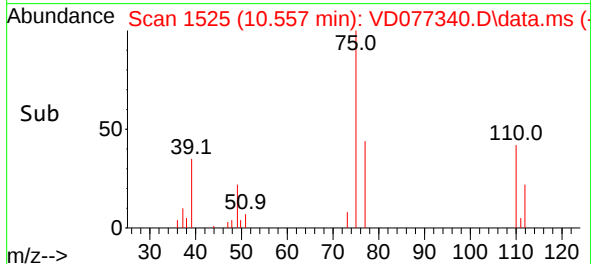
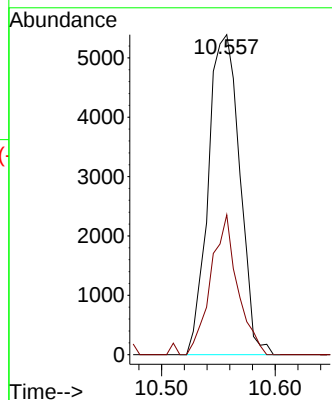
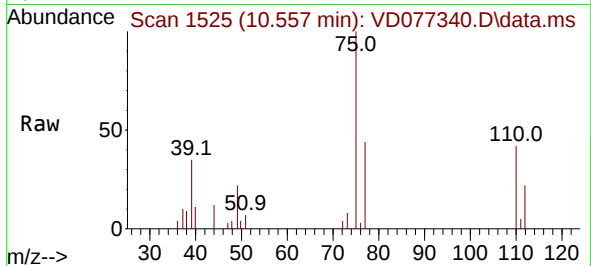
VSTDIC005

Tgt Ion: 75 Resp: 1037
 Ion Ratio Lower Upper
 75 100
 77 43.7 25.3 37.9

Manual Integrations

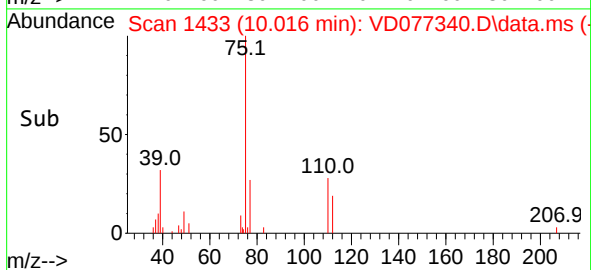
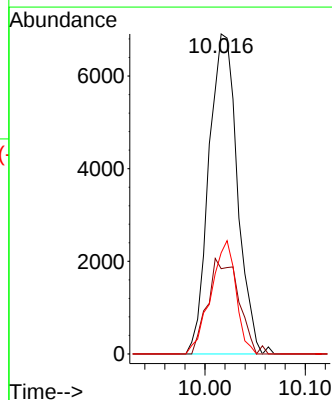
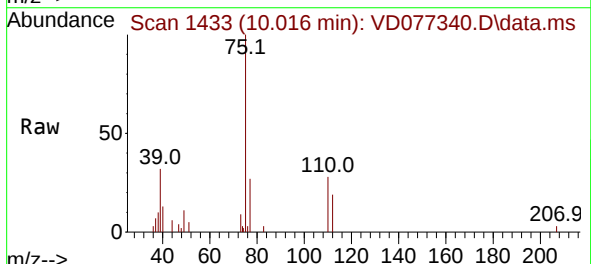
APPROVED

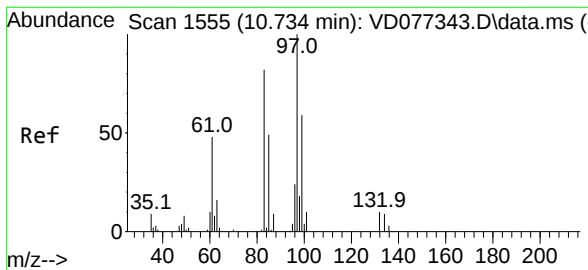
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.608 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

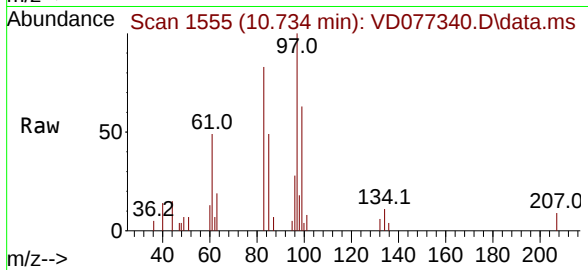
Tgt Ion: 75 Resp: 13646
 Ion Ratio Lower Upper
 75 100
 77 26.7 25.5 38.3
 39 31.6 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 4.915 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

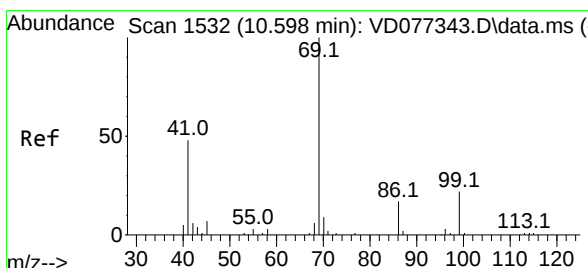
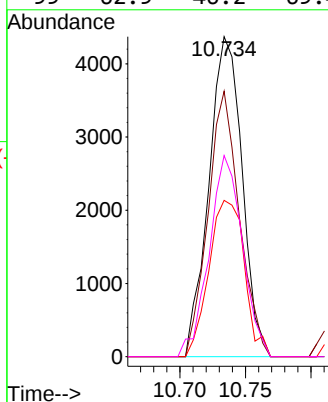
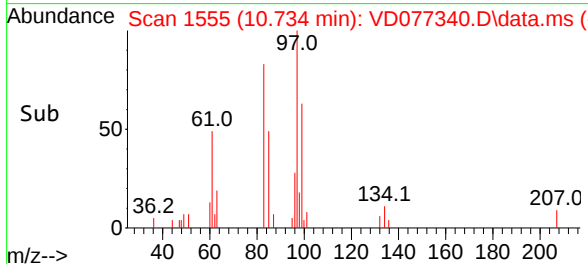
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.8	98.6
85	48.9	45.7	68.5
99	62.9	46.2	69.4

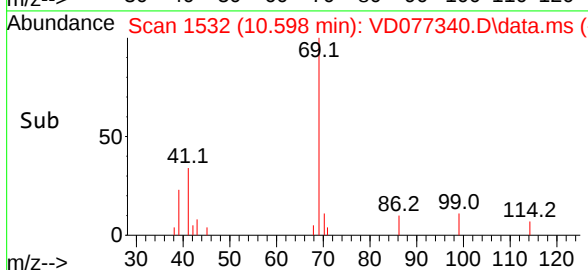
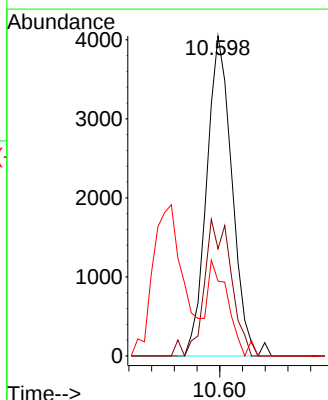
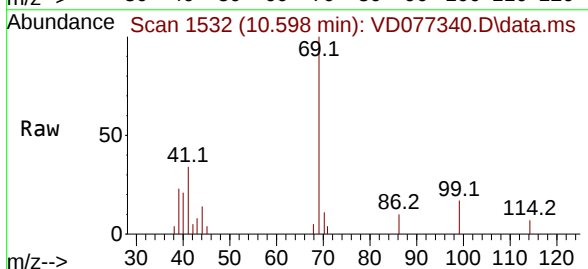
Manual Integrations
APPROVED

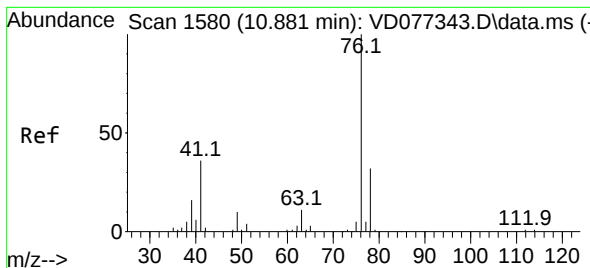
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Ethyl methacrylate
Concen: 4.192 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

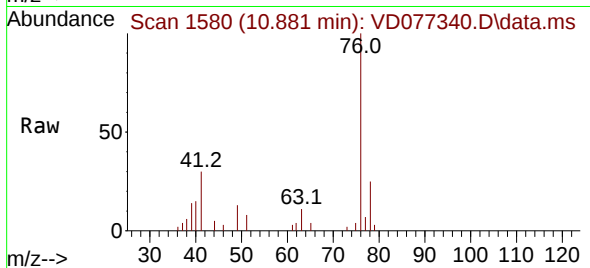
Tgt Ion	Ratio	Lower	Upper
69	100		
41	45.3	39.1	58.7
39	25.4	20.0	30.0





#57
1,3-Dichloropropane
Concen: 4.945 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

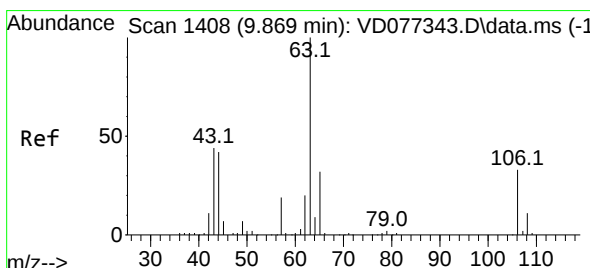
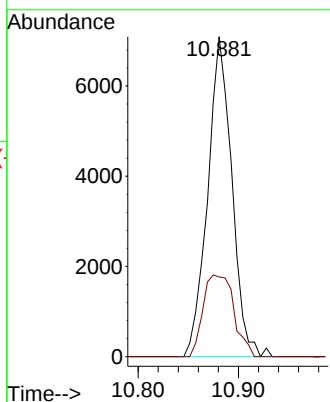
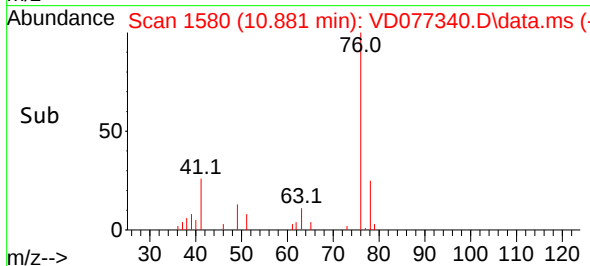
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



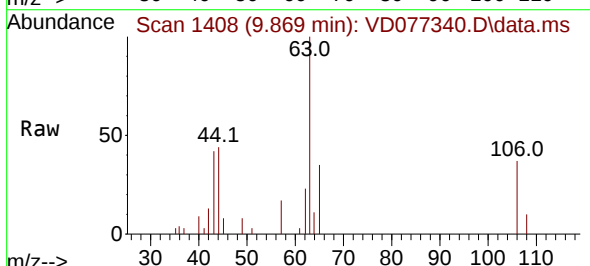
Tgt Ion: 76 Resp: 11898
Ion Ratio Lower Upper
76 100
78 32.4 26.4 39.6

Manual Integrations
APPROVED

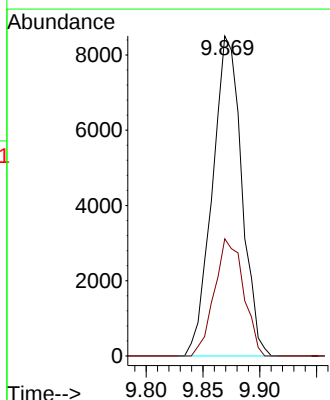
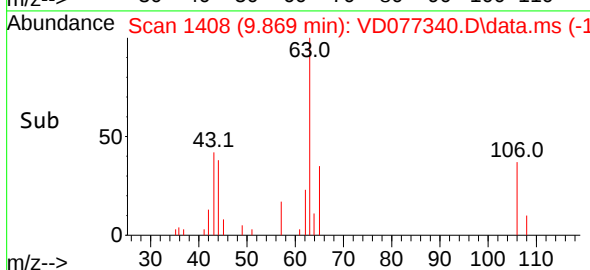
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

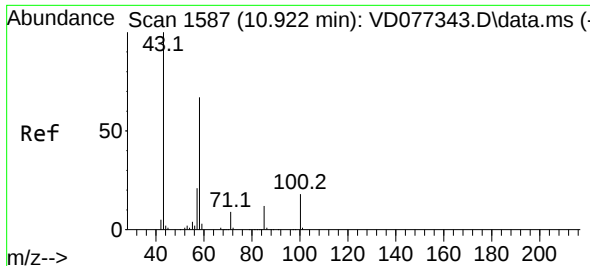


#58
2-Chloroethyl Vinyl ether
Concen: 20.632 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



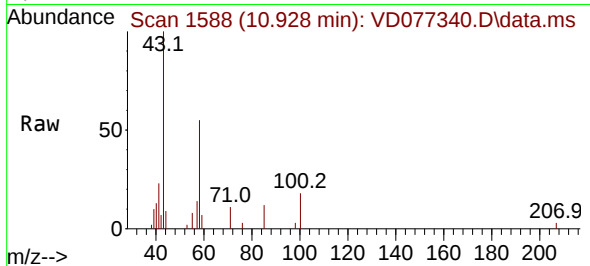
Tgt Ion: 63 Resp: 15272
Ion Ratio Lower Upper
63 100
106 36.3 25.3 37.9





#59
2-Hexanone
Concen: 20.708 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

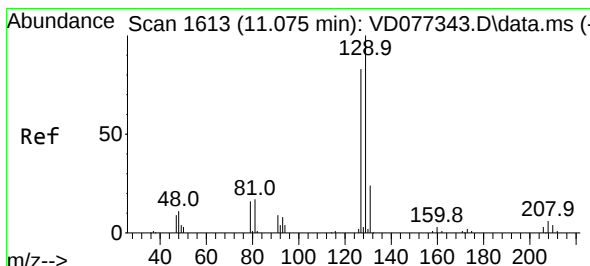
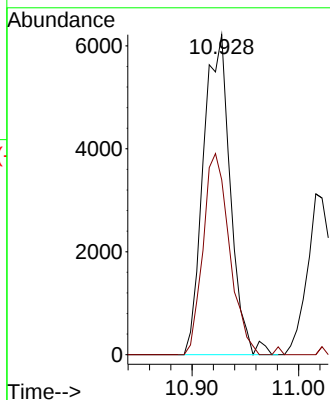
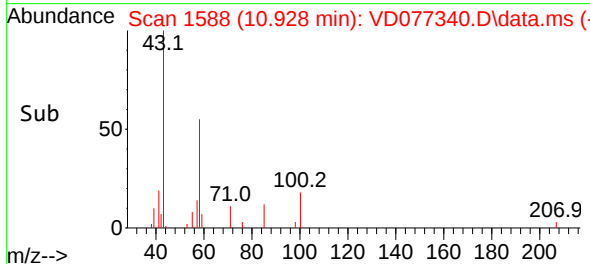
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2

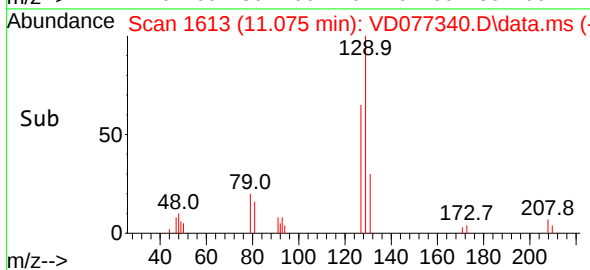
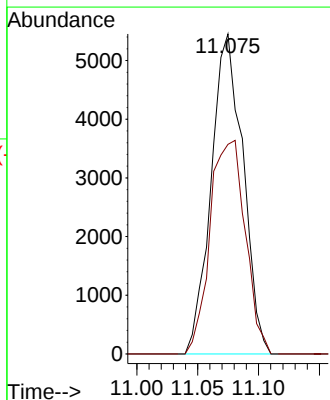
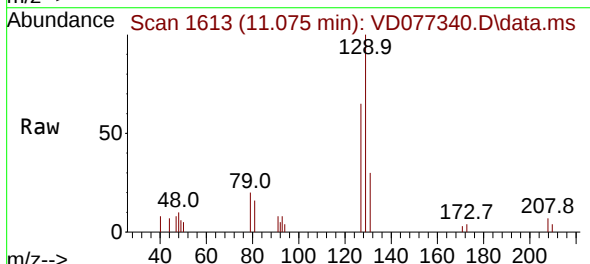
Manual Integrations
APPROVED

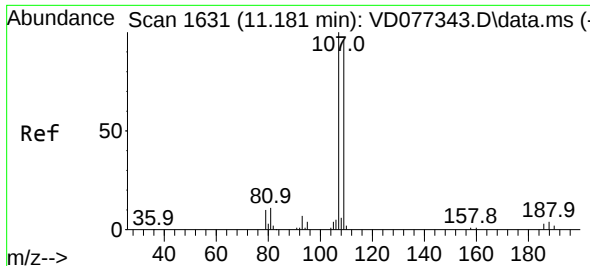
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#60
Dibromochloromethane
Concen: 4.958 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:129 Resp: 9916
Ion Ratio Lower Upper
129 100
127 73.8 37.1 111.5





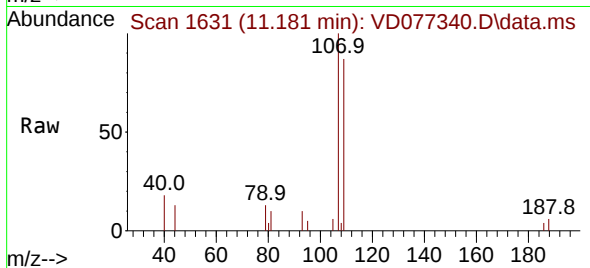
#61
1,2-Dibromoethane
Concen: 4.856 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

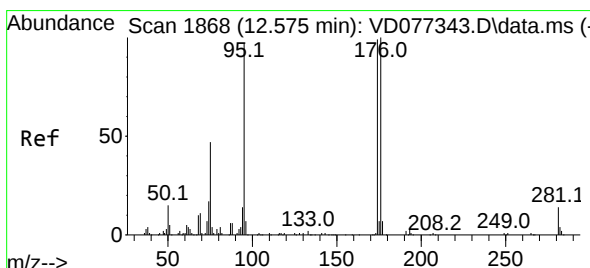
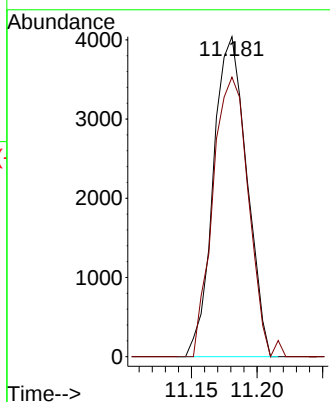
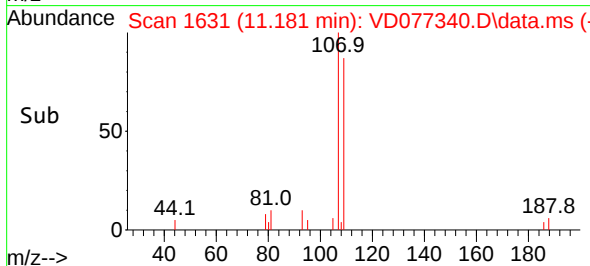


Tgt Ion:107 Resp: 7160
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

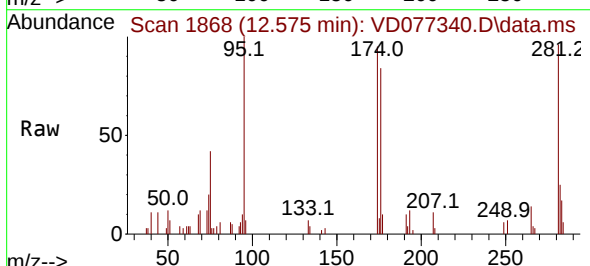
Manual Integrations

APPROVED

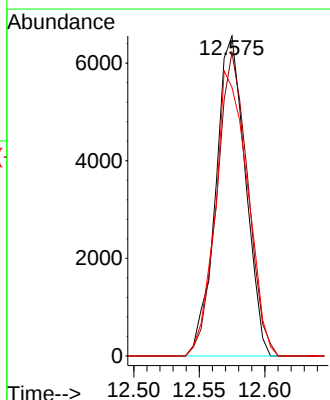
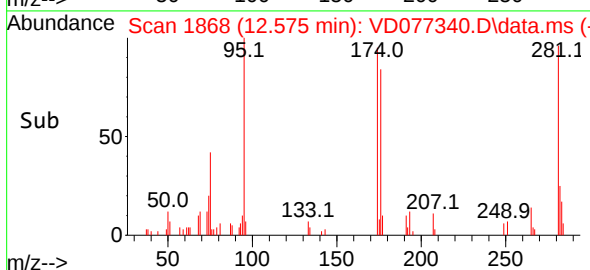
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

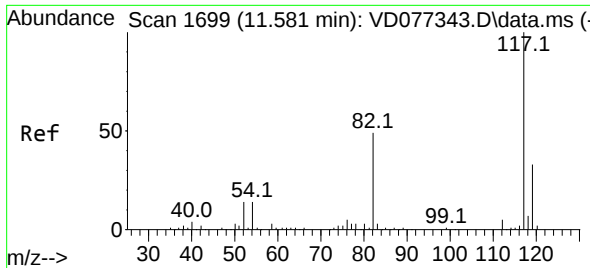


#62
4-Bromofluorobenzene
Concen: 5.091 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



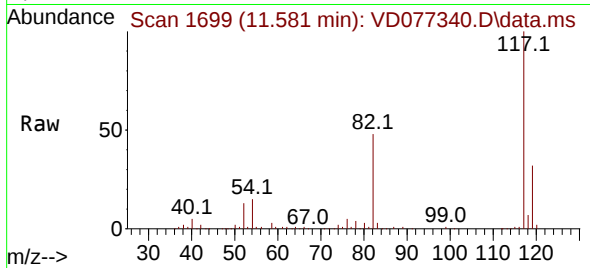
Tgt Ion: 95 Resp: 10328
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 97.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

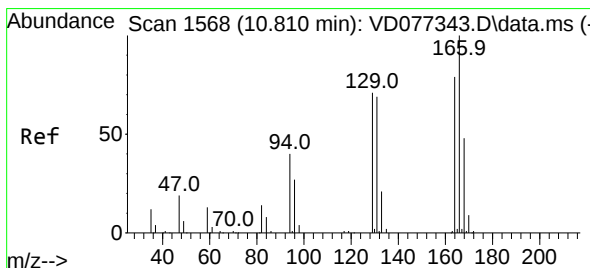
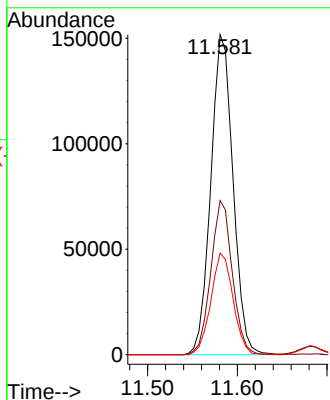
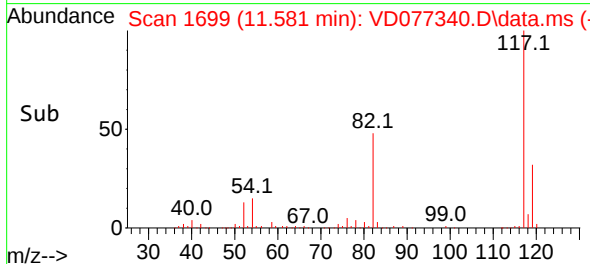
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 260689
Ion Ratio Lower Upper
117 100
82 48.1 38.3 57.5
119 31.7 25.0 37.4

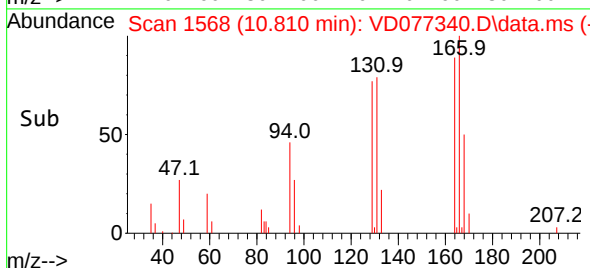
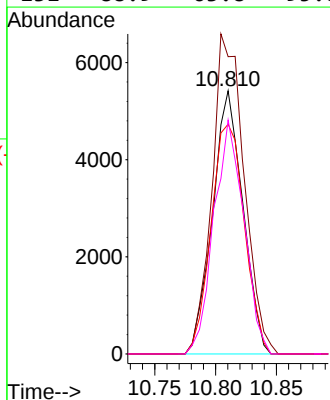
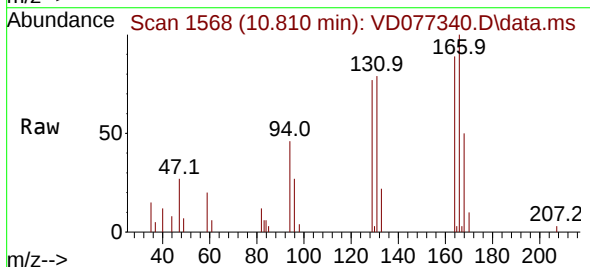
Manual Integrations
APPROVED

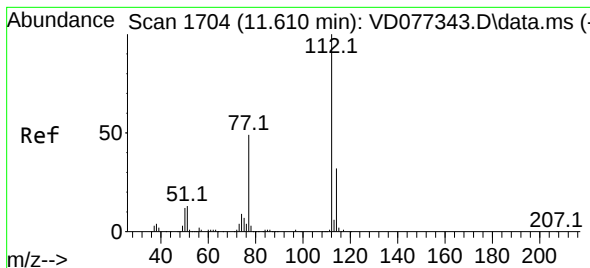
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#64
Tetrachloroethene
Concen: 4.862 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:164 Resp: 9421
Ion Ratio Lower Upper
164 100
166 112.9 99.2 148.8
129 87.3 68.4 102.6
131 88.9 63.8 95.8





#65

Chlorobenzene

Concen: 4.949 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion:112 Resp: 2812

Ion Ratio Lower Upper

112 100

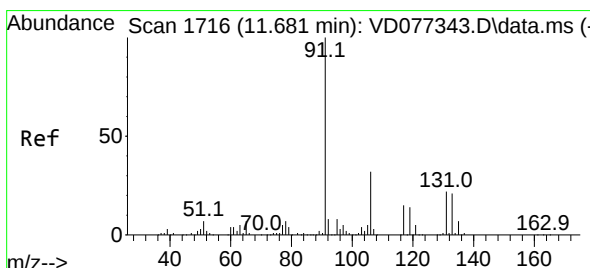
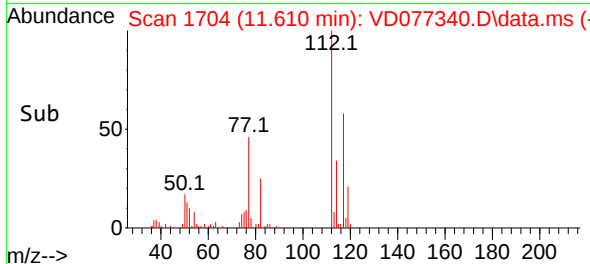
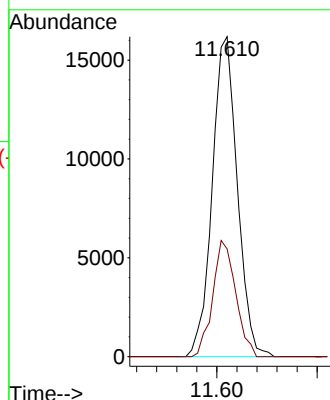
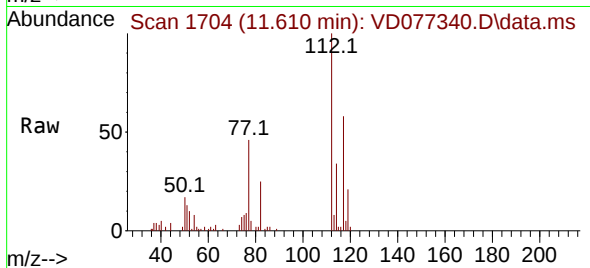
114 33.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 4.830 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

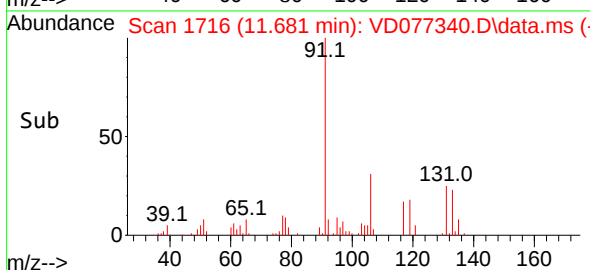
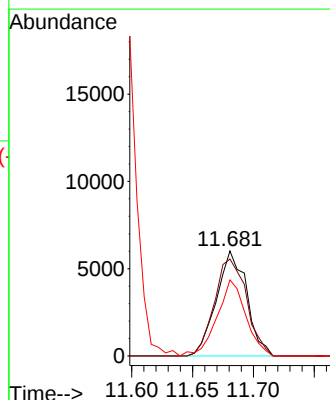
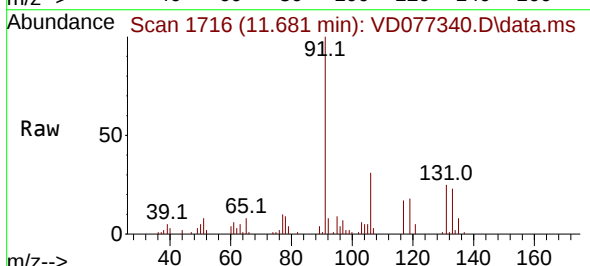
Tgt Ion:131 Resp: 10433

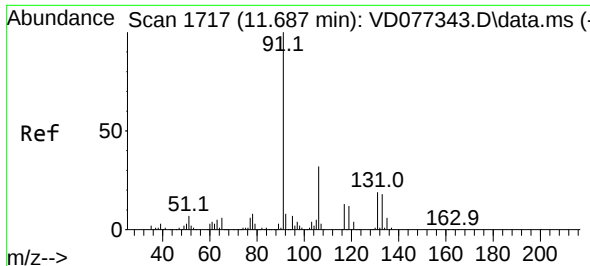
Ion Ratio Lower Upper

131 100

133 98.4 48.5 145.5

119 68.4 35.6 106.9





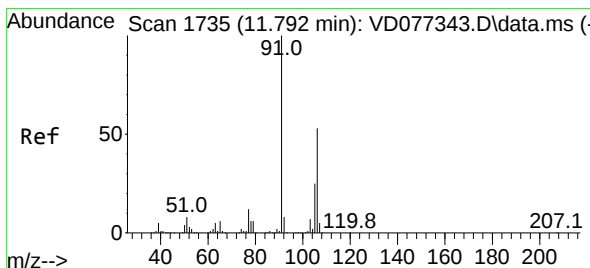
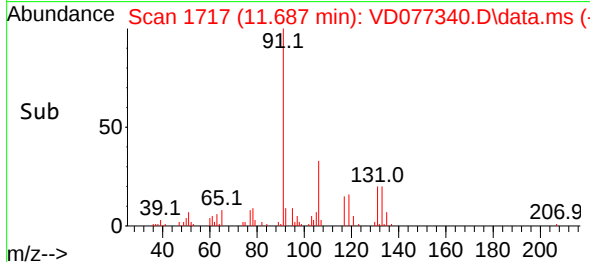
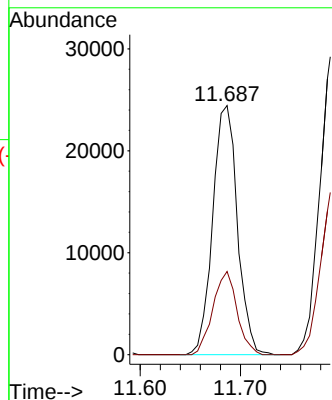
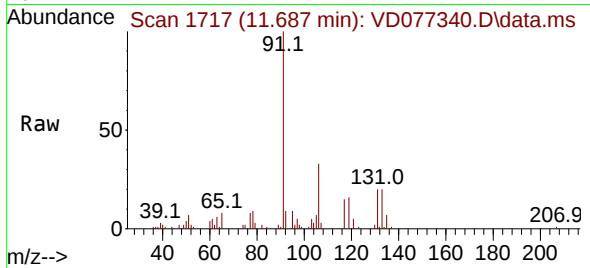
#67
Ethyl Benzene
Concen: 4.431 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 41730
Ion Ratio Lower Upper
91 100
106 33.4 26.5 39.7

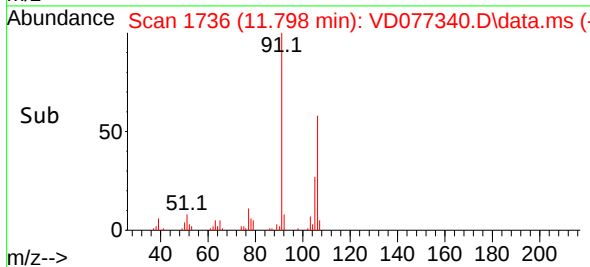
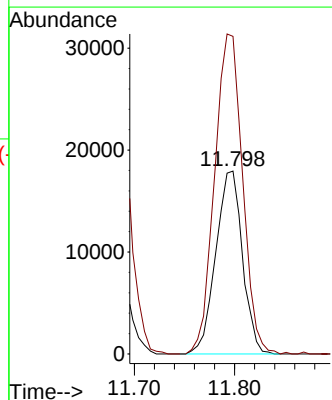
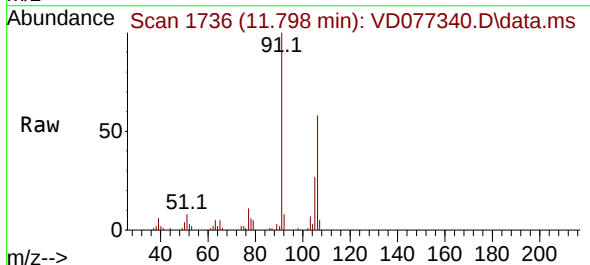
Manual Integrations
APPROVED

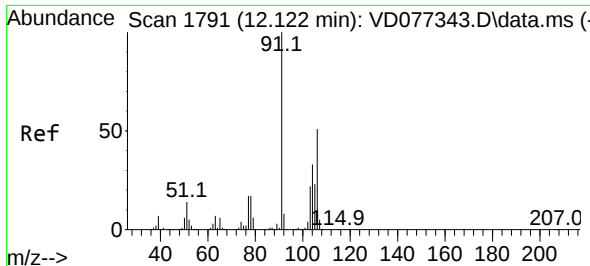
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68
m/p-Xylenes
Concen: 8.557 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:106 Resp: 33098
Ion Ratio Lower Upper
106 100
91 183.7 147.0 220.6





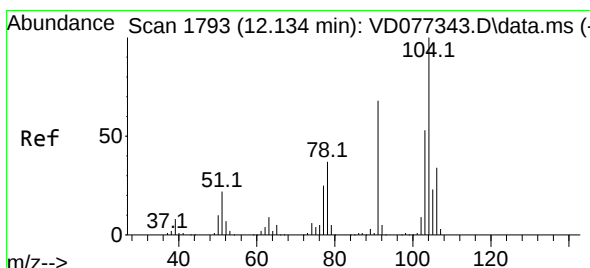
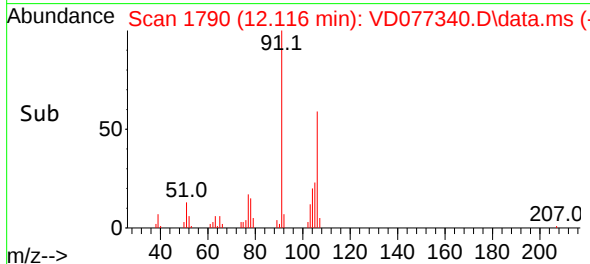
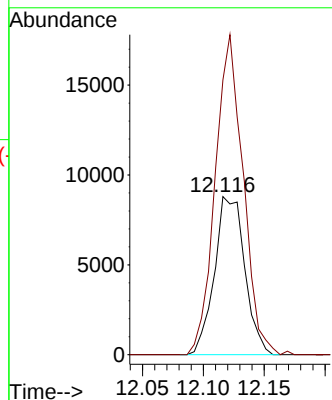
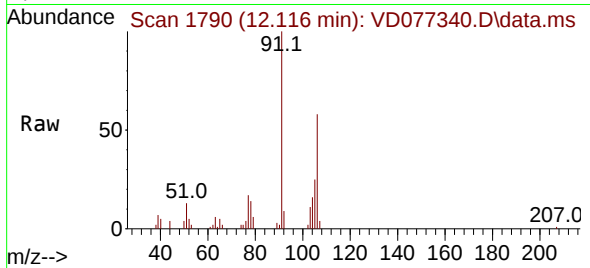
#69
o-Xylene
Concen: 4.278 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1523
Ion Ratio Lower Upper
106 100
91 187.2 97.9 293.6

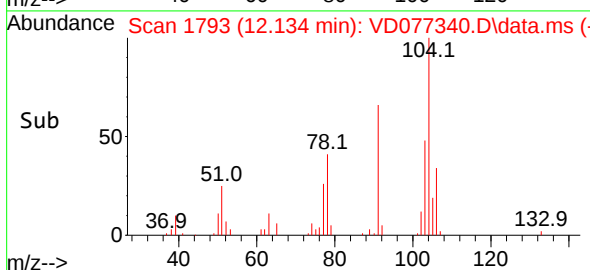
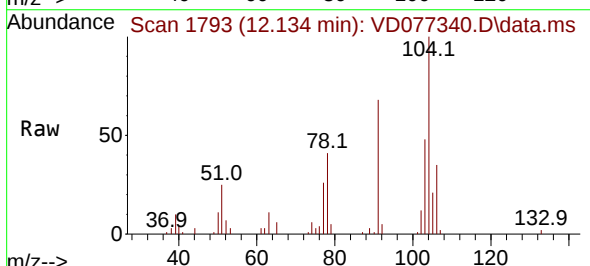
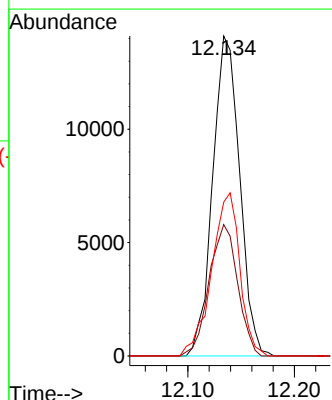
Manual Integrations
APPROVED

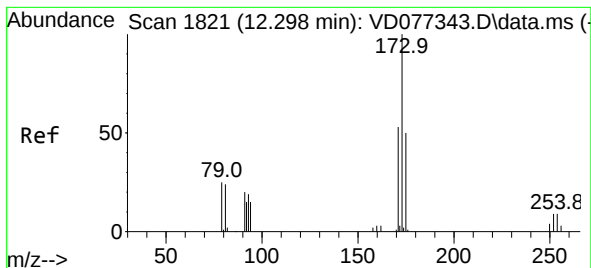
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Styrene
Concen: 4.086 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:104 Resp: 24821
Ion Ratio Lower Upper
104 100
78 43.3 33.2 49.8
103 53.3 43.6 65.4





#71

Bromoform

Concen: 4.665 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

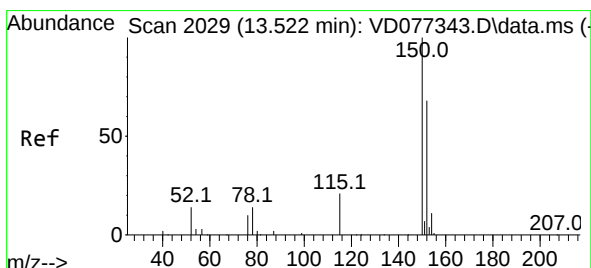
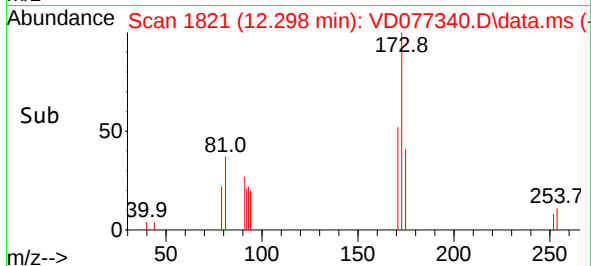
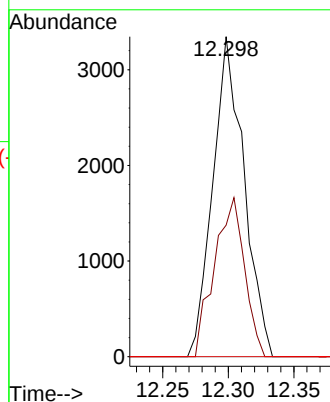
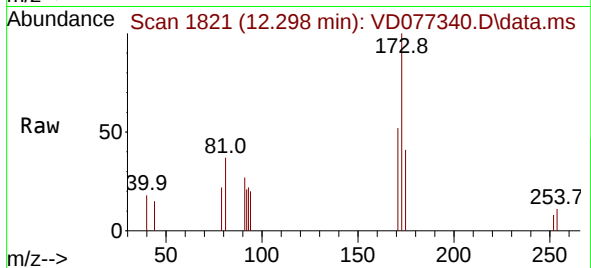
VSTDIC005

Tgt Ion:173	Resp:	5524
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

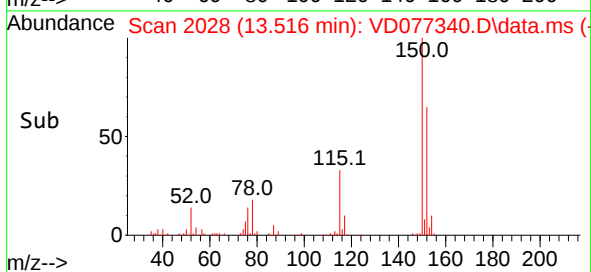
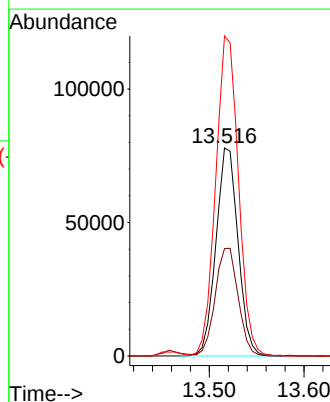
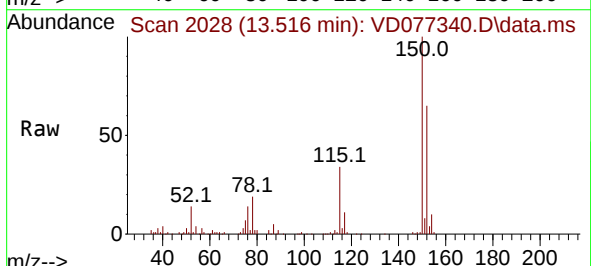
RT: 13.516 min Scan# 2028

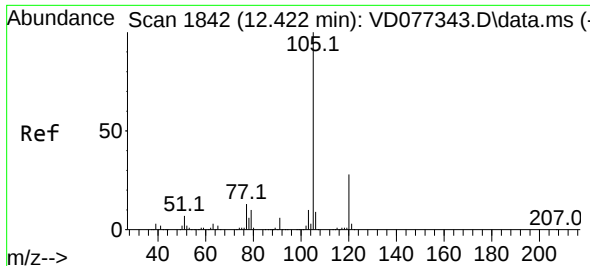
Delta R.T. -0.006 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Tgt Ion:152	Resp:	126398
Ion Ratio	Lower	Upper
152	100	
115	53.6	27.1 81.3
150	158.5	0.0 353.6





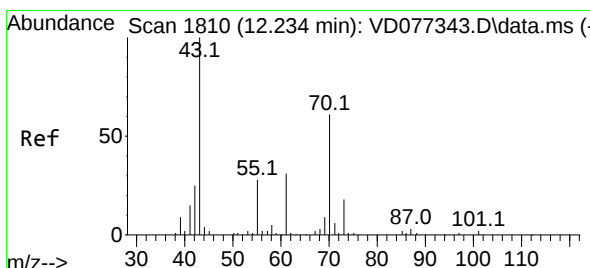
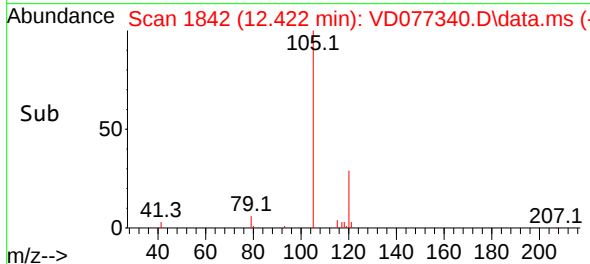
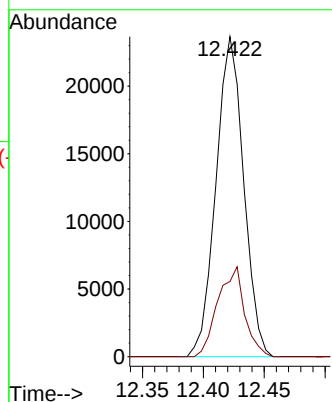
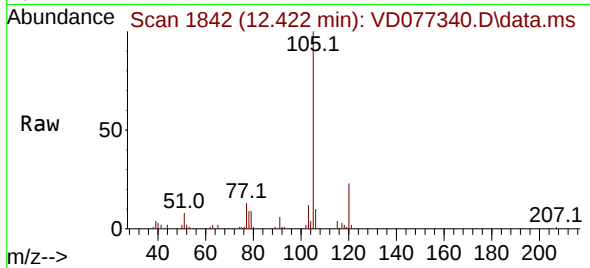
#73
Isopropylbenzene
Concen: 4.477 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3743
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

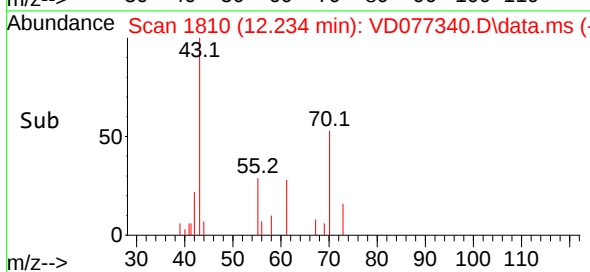
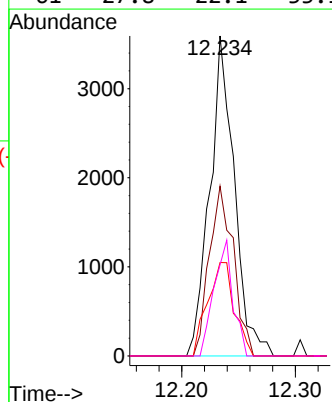
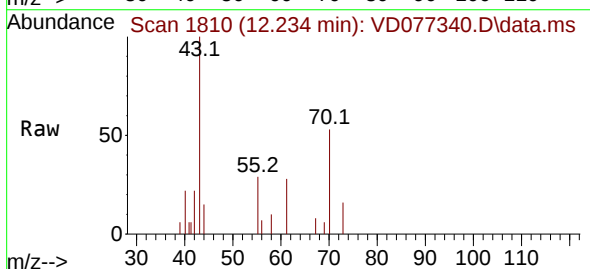
Manual Integrations
APPROVED

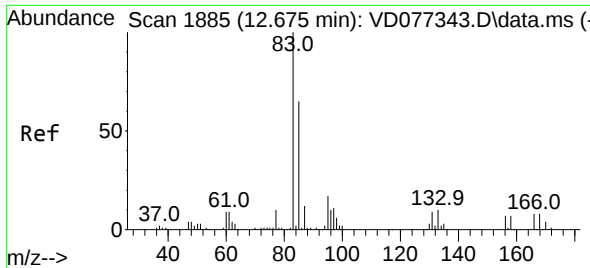
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#74
N-ethyl acetate
Concen: 4.508 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

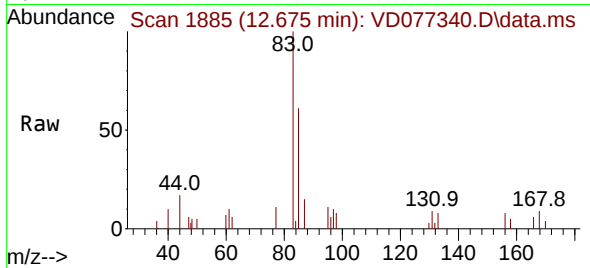
Tgt Ion: 43 Resp: 5422
Ion Ratio Lower Upper
43 100
70 51.9 45.0 67.4
55 31.7 23.8 35.6
61 27.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 5.385 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

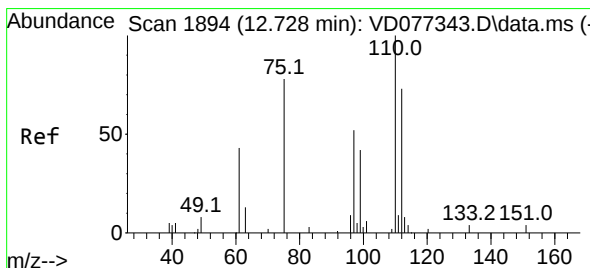
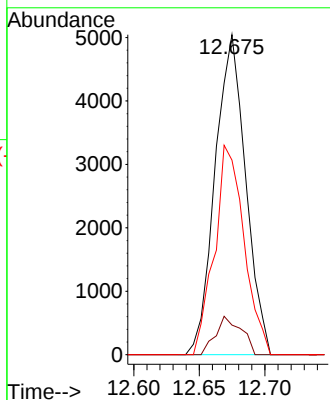
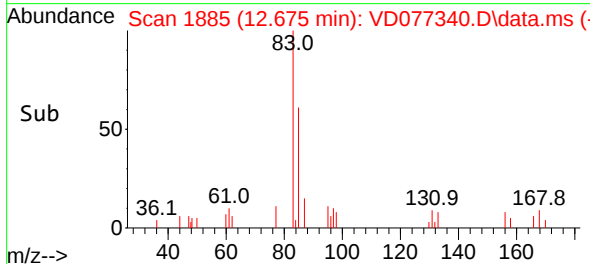
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 818
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.4 32.6 97.8

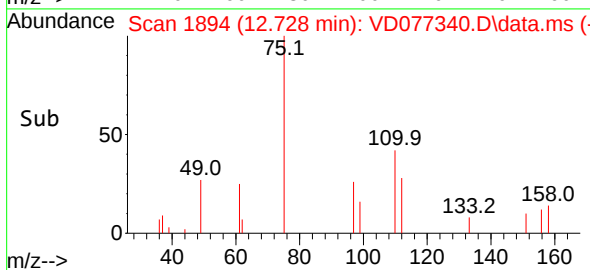
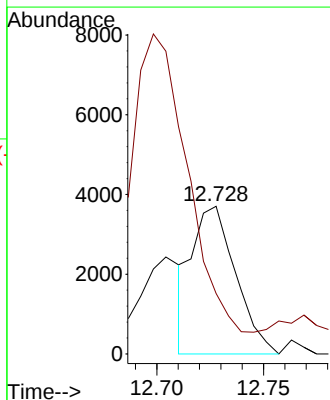
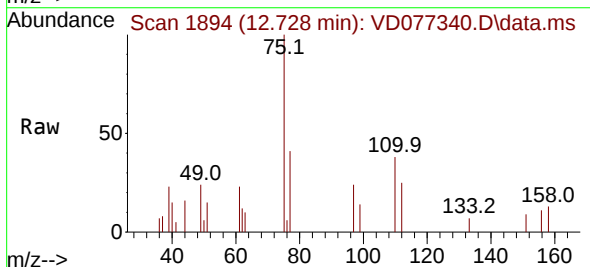
Manual Integrations
APPROVED

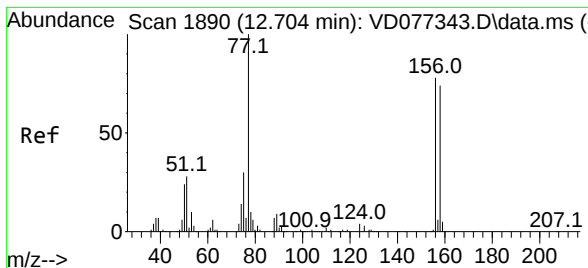
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 3.546 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion: 75 Resp: 5224
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.746 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

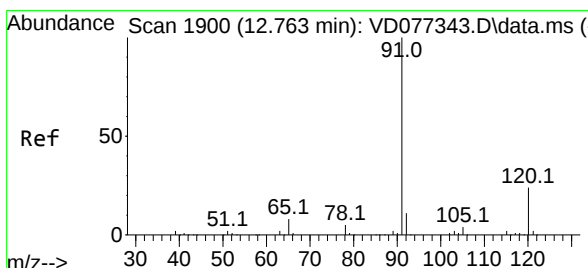
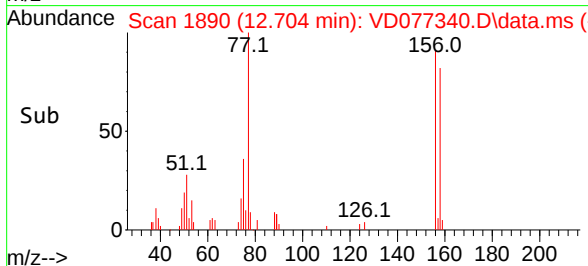
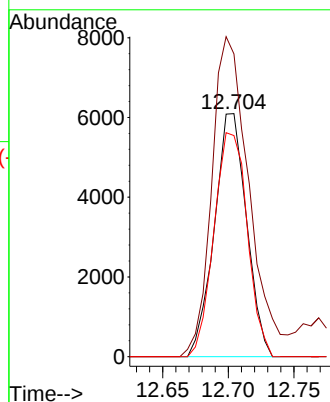
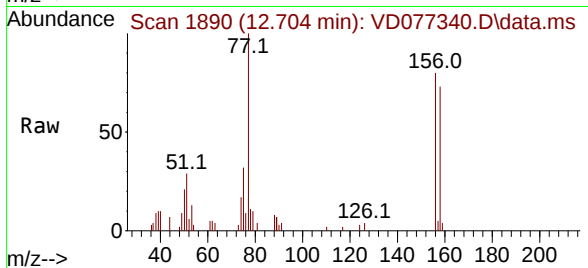
VSTDICC005

Tgt Ion:	156	Resp:	1041
Ion Ratio	Lower	Upper	
156	100		
77	152.3	76.8	230.4
158	95.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#78

n-propylbenzene

Concen: 4.590 ug/l

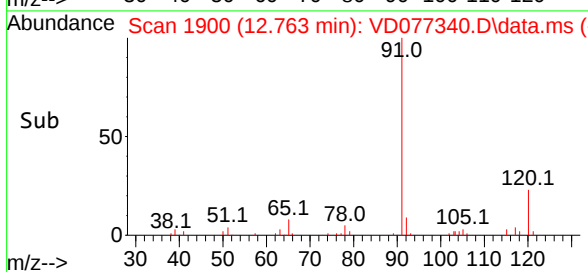
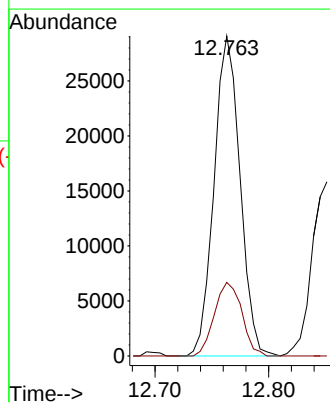
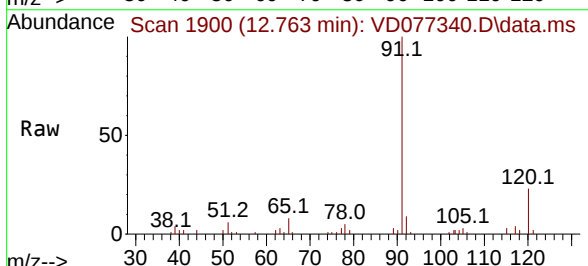
RT: 12.763 min Scan# 1900

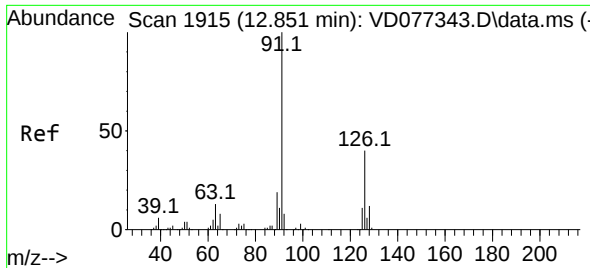
Delta R.T. 0.000 min

Lab File: VD077340.D

Acq: 17 Oct 2023 14:36

Tgt Ion:	91	Resp:	46214
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.2





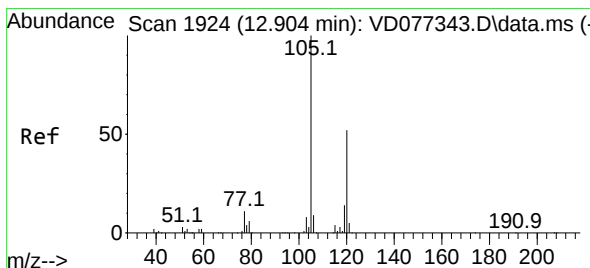
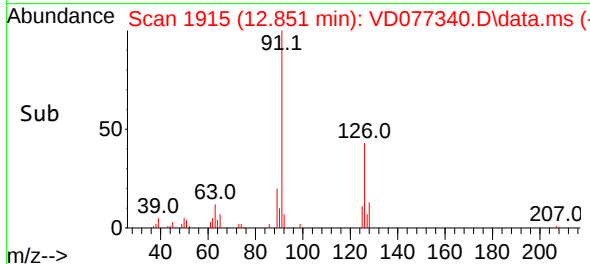
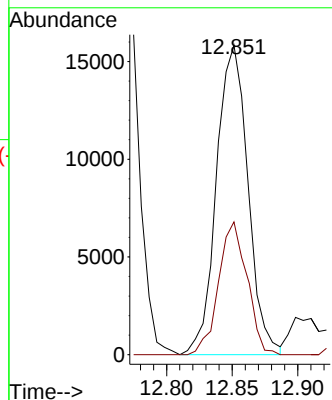
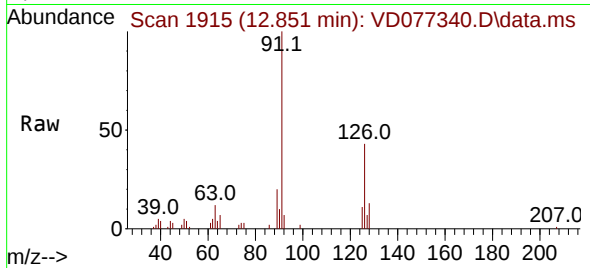
#79
2-Chlorotoluene
Concen: 4.830 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 26490
Ion Ratio Lower Upper
91 100
126 38.8 19.4 58.1

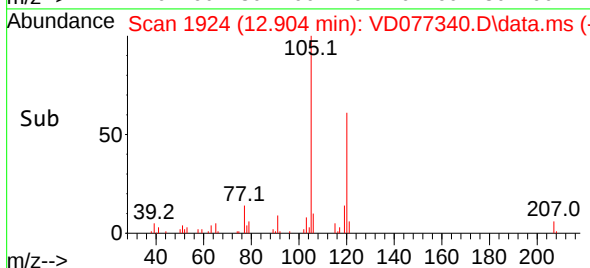
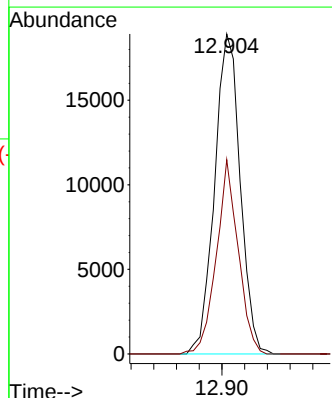
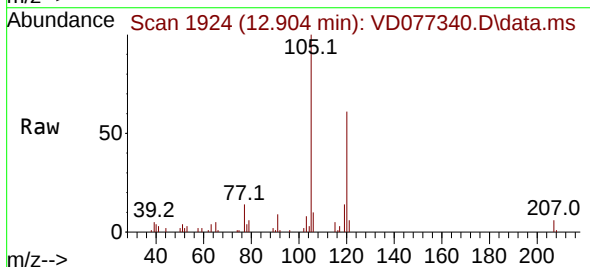
Manual Integrations
APPROVED

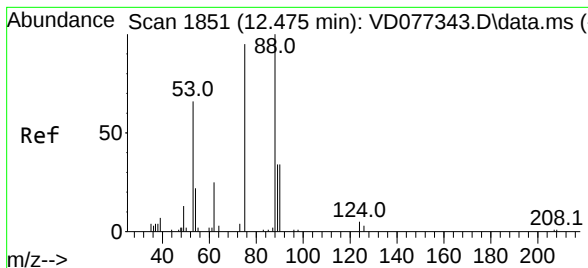
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.286 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

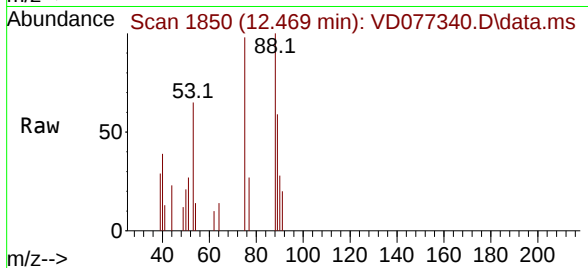
Tgt Ion:105 Resp: 29569
Ion Ratio Lower Upper
105 100
120 51.9 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.698 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

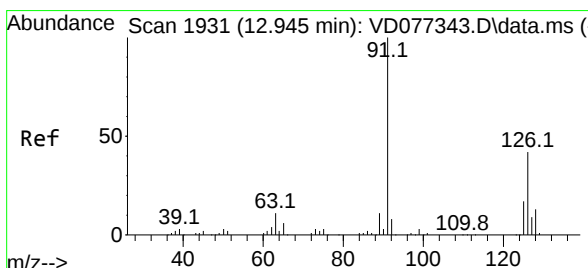
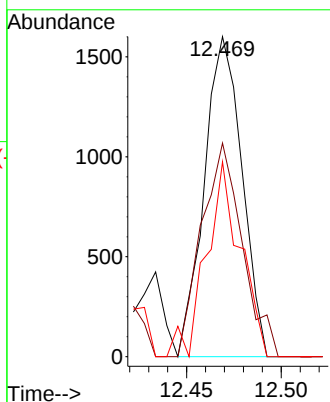
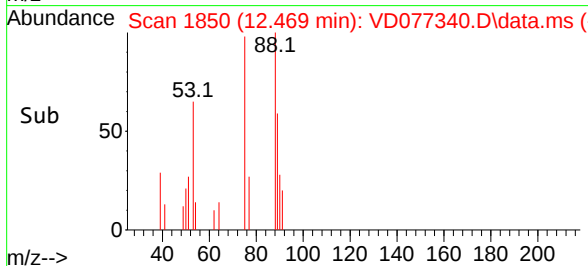
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



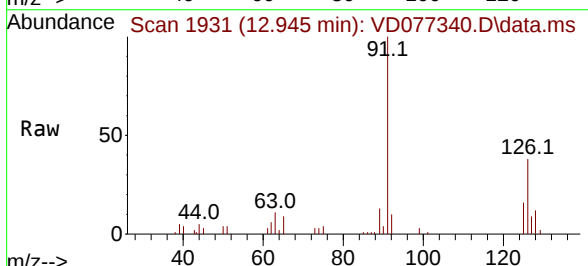
Tgt Ion: 75 Resp: 2210
Ion Ratio Lower Upper
75 100
53 72.2 63.0 94.4
89 55.2 37.9 56.9

Manual Integrations
APPROVED

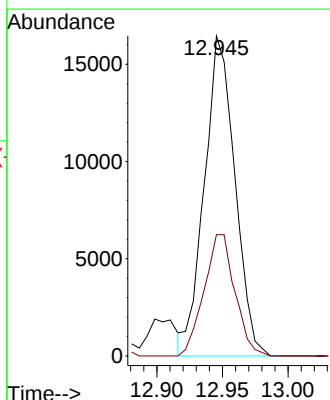
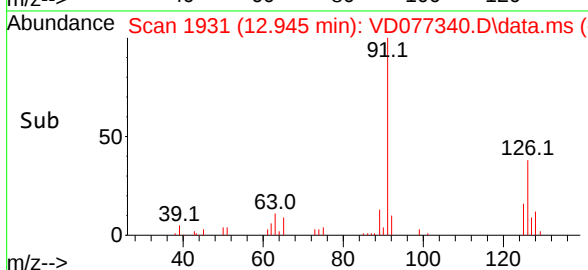
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

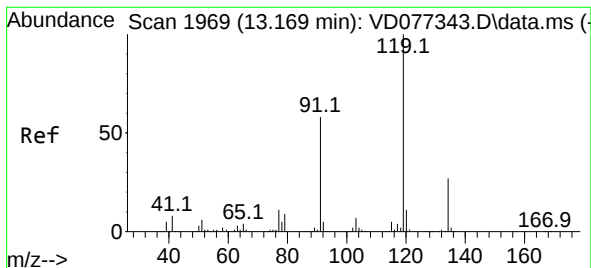


#82
4-Chlorotoluene
Concen: 4.672 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



Tgt Ion: 91 Resp: 26676
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.4





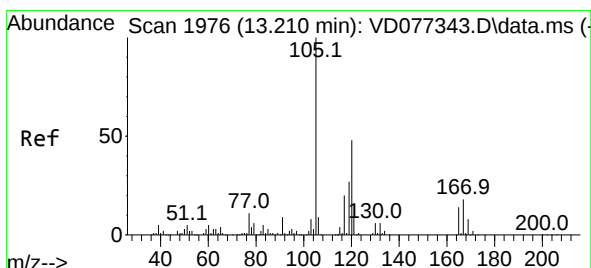
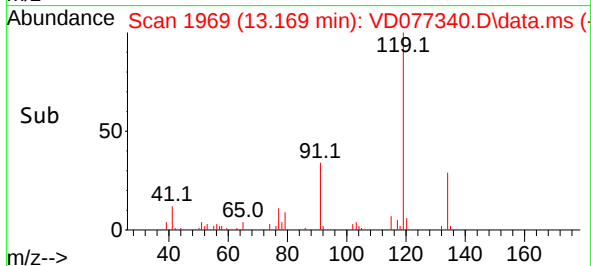
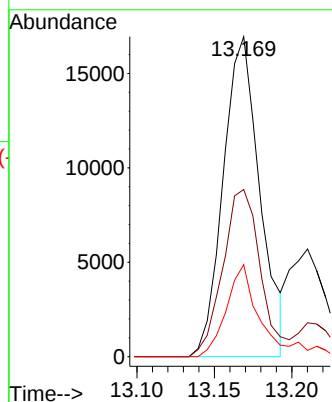
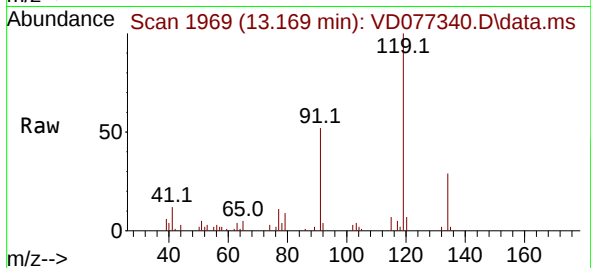
#83
tert-Butylbenzene
Concen: 4.556 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 27870
Ion Ratio Lower Upper
119 100
91 53.9 29.3 87.8
134 27.2 14.1 42.3

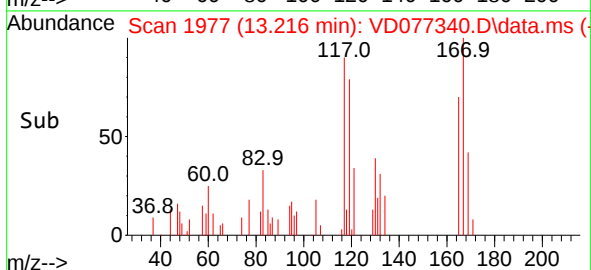
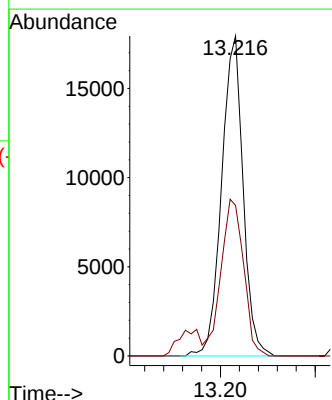
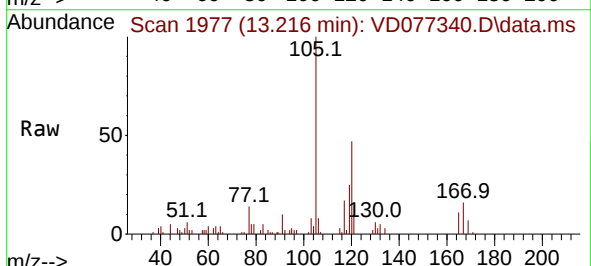
Manual Integrations
APPROVED

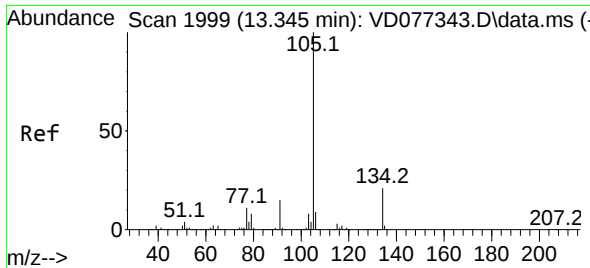
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.066 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:105 Resp: 28243
Ion Ratio Lower Upper
105 100
120 51.8 24.3 72.9





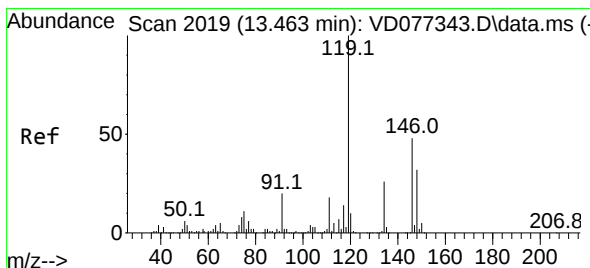
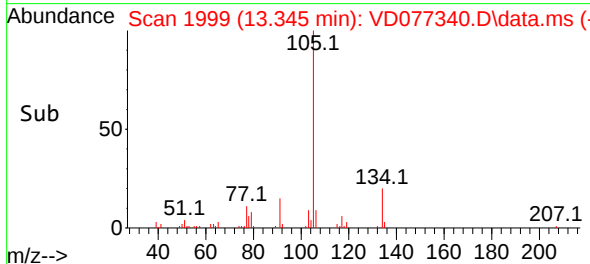
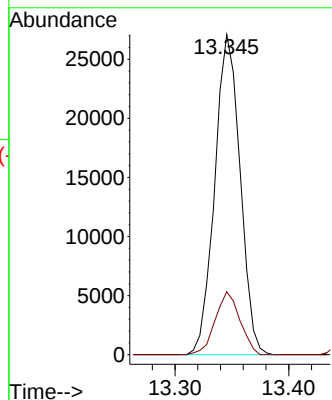
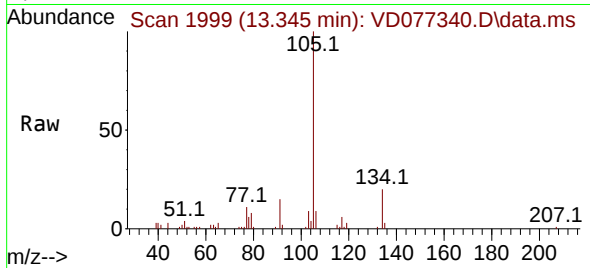
#85
 sec-Butylbenzene
 Concen: 4.567 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 42040
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

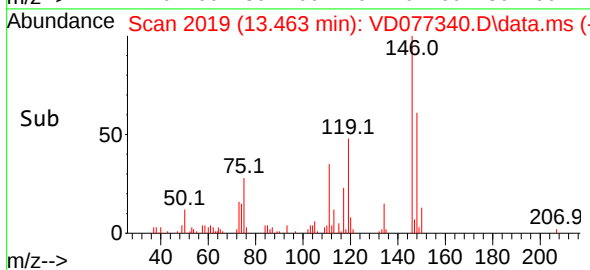
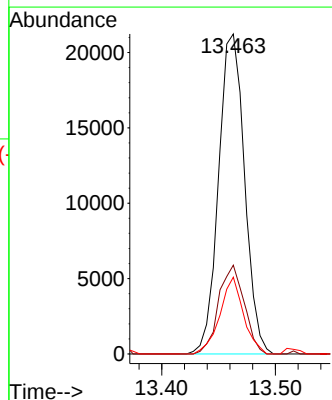
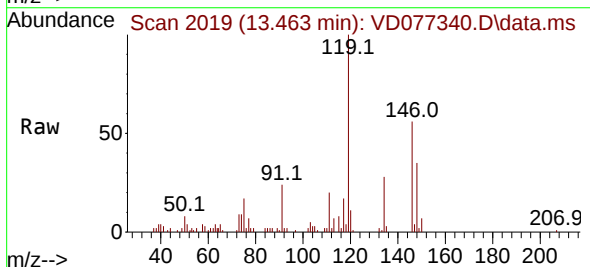
Manual Integrations
 APPROVED

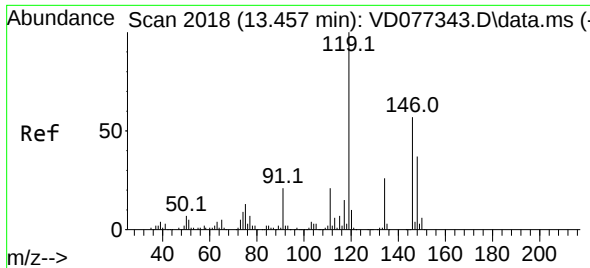
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 4.226 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077340.D
 Acq: 17 Oct 2023 14:36

Tgt Ion:119 Resp: 33794
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.2 42.6
 91 21.9 10.5 31.5





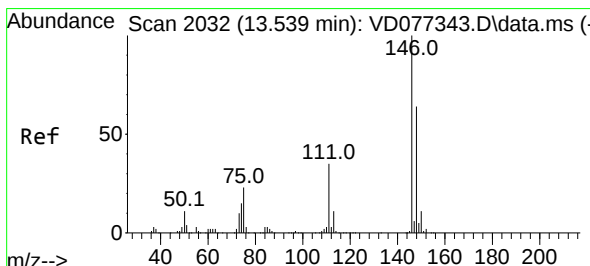
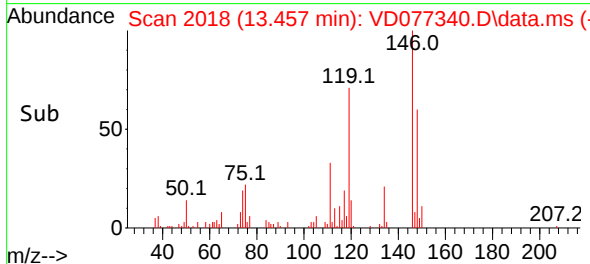
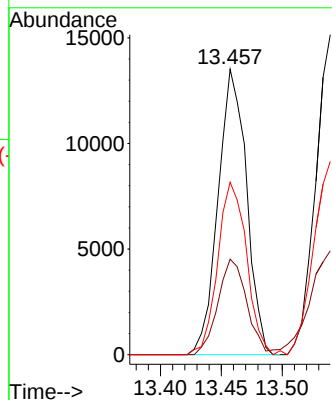
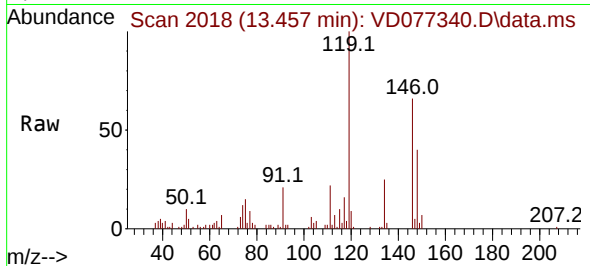
#87
1,3-Dichlorobenzene
Concen: 4.764 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 22008
Ion Ratio Lower Upper
146 100
111 34.1 17.9 53.8
148 61.0 32.3 96.8

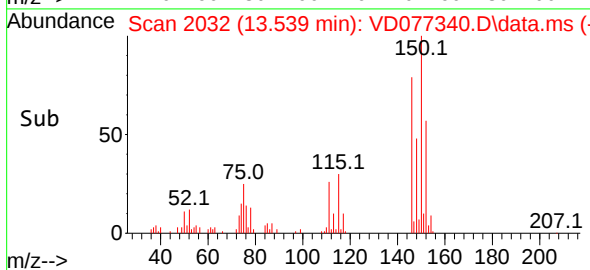
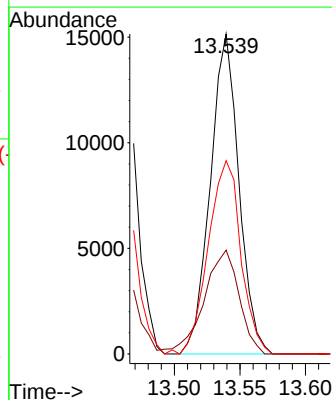
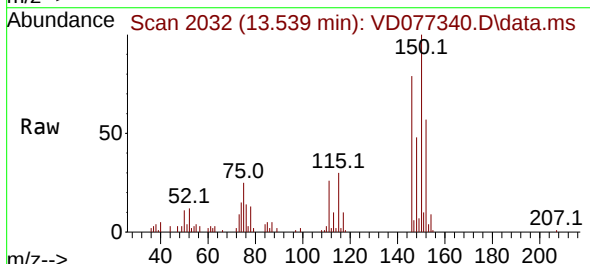
Manual Integrations
APPROVED

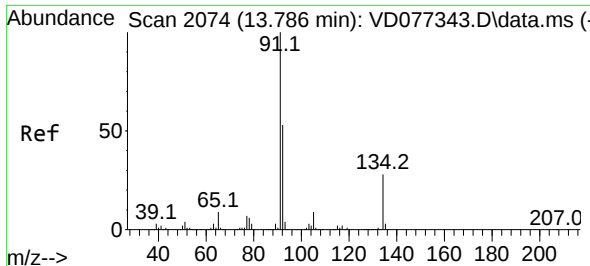
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 5.027 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:146 Resp: 23010
Ion Ratio Lower Upper
146 100
111 39.6 17.4 52.3
148 68.5 31.7 95.1





#89
n-Butylbenzene
Concen: 4.498 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

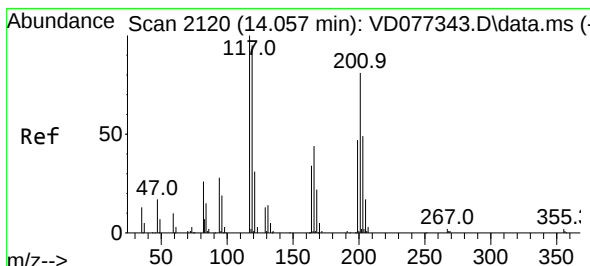
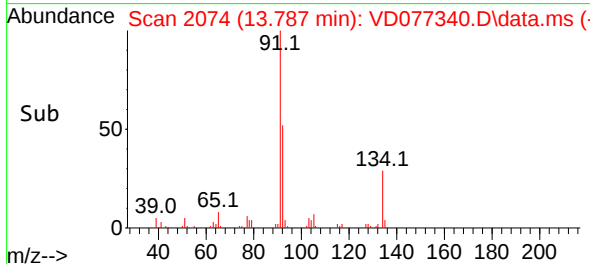
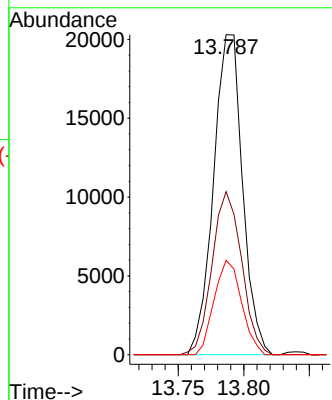
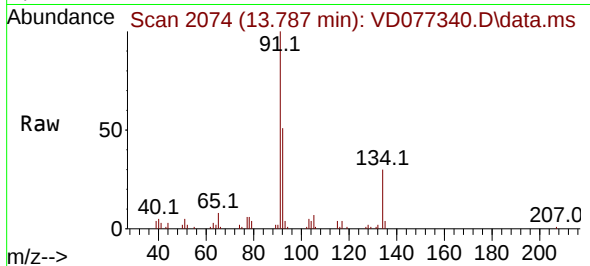
VSTDIC005

Tgt Ion: 91 Resp: 31320
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 27.7 13.8 41.3

Manual Integrations

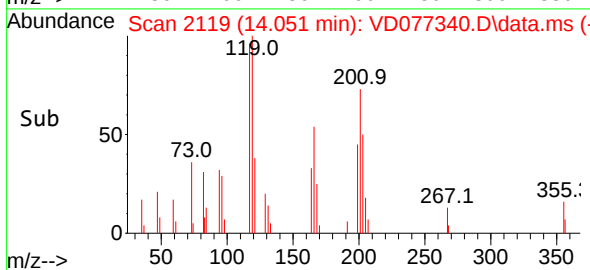
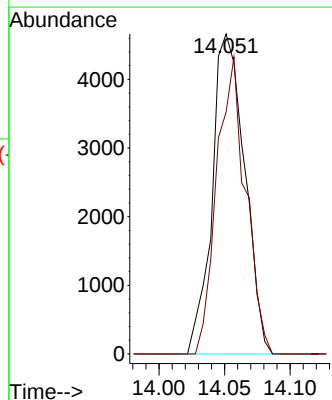
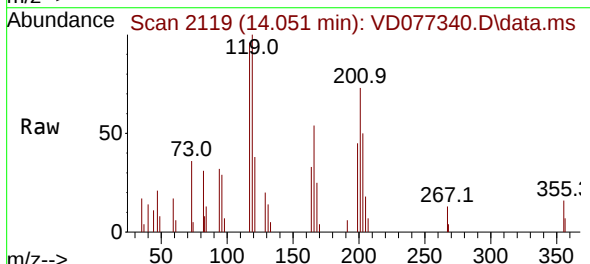
APPROVED

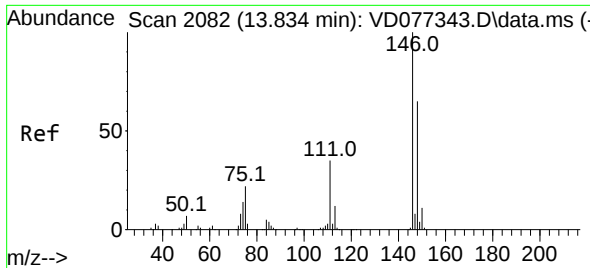
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#90
Hexachloroethane
Concen: 4.968 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Tgt Ion:117 Resp: 8030
Ion Ratio Lower Upper
117 100
201 82.3 38.5 115.5





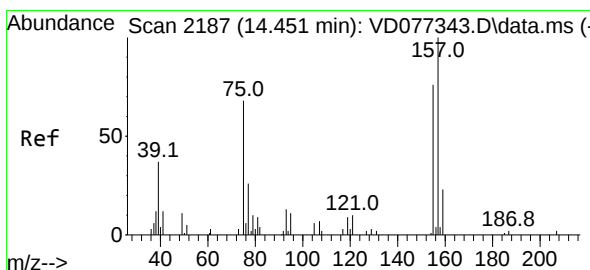
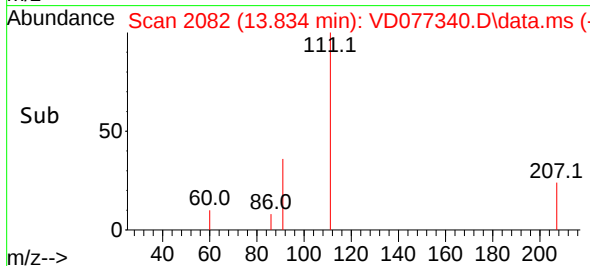
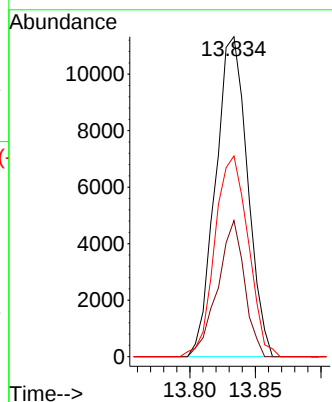
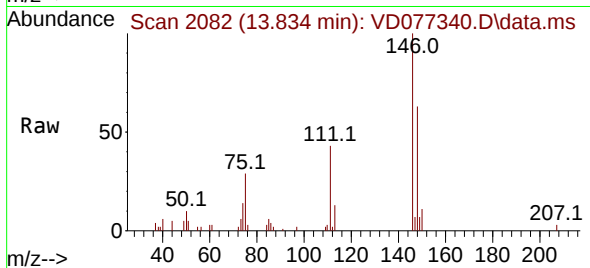
#91
1,2-Dichlorobenzene
Concen: 4.925 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 19210
Ion Ratio Lower Upper
146 100
111 35.7 18.3 54.8
148 65.2 31.6 94.7

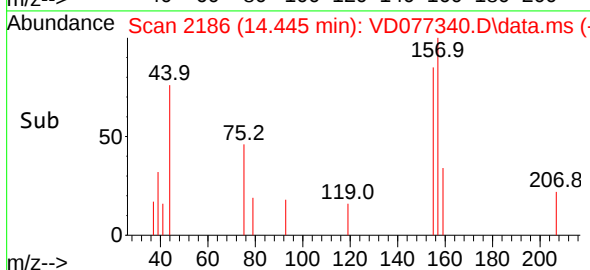
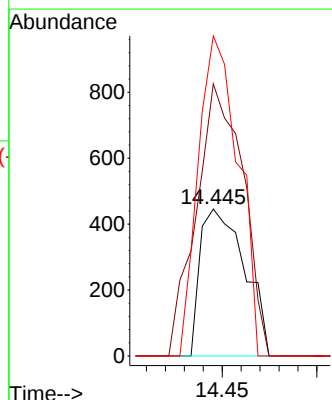
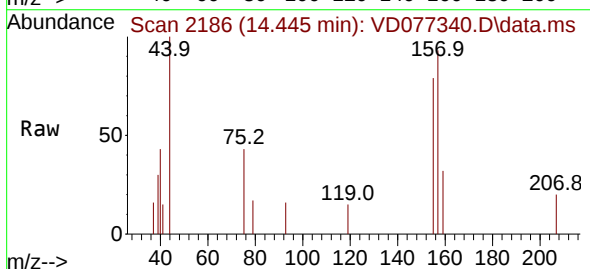
Manual Integrations
APPROVED

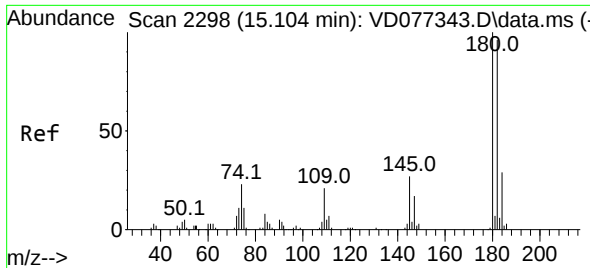
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.915 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

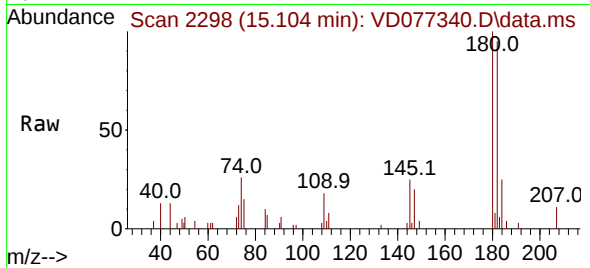
Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
155 194.8 47.9 143.8#
157 196.6 59.9 179.7#





#93
1,2,4-Trichlorobenzene
Concen: 4.447 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

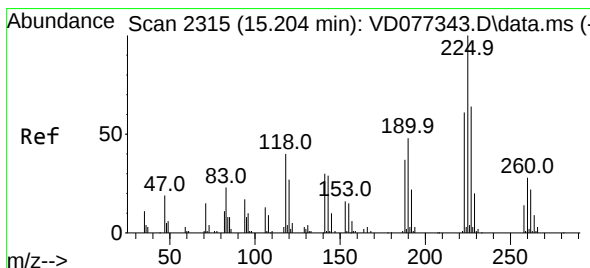
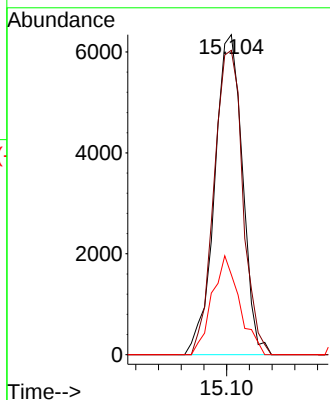
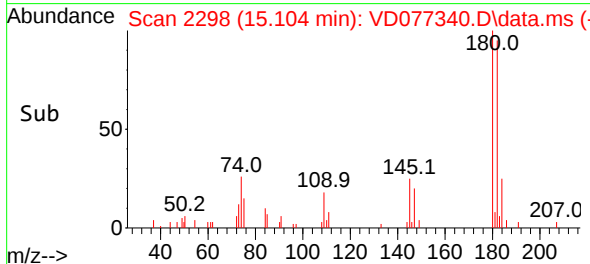
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



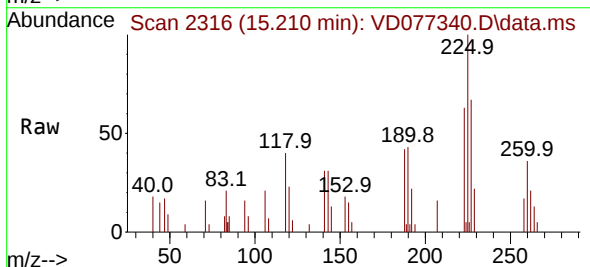
Tgt Ion:180 Resp: 1081
Ion Ratio Lower Upper
180 100
182 97.9 48.5 145.6
145 30.3 14.2 42.6

Manual Integrations
APPROVED

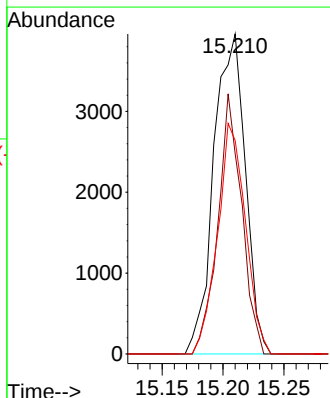
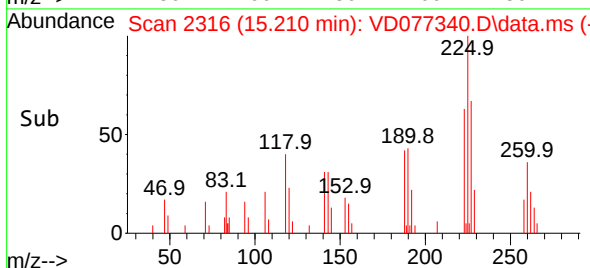
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

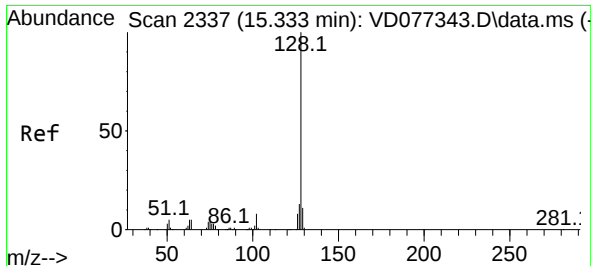


#94
Hexachlorobutadiene
Concen: 5.162 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



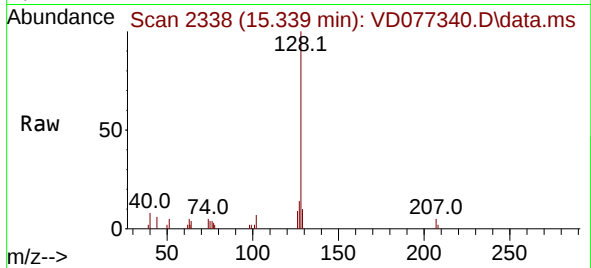
Tgt Ion:225 Resp: 7128
Ion Ratio Lower Upper
225 100
223 61.6 31.6 94.8
227 64.0 31.7 95.1





#95
Naphthalene
Concen: 4.304 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36

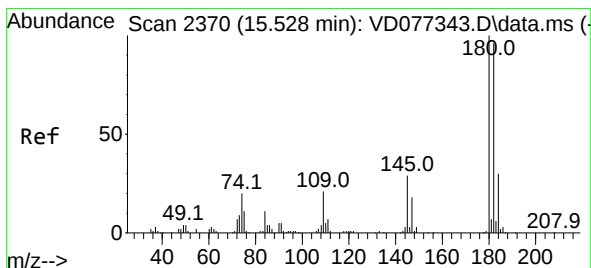
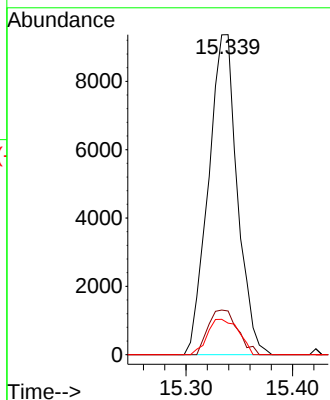
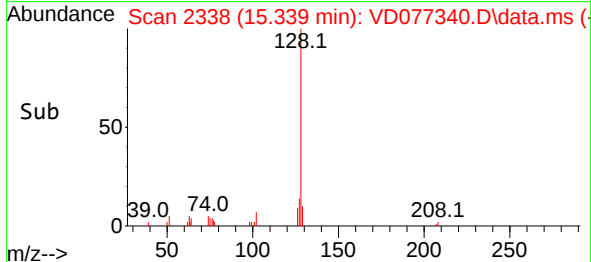
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



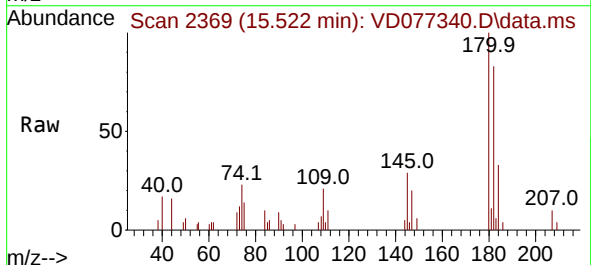
Tgt Ion:128 Resp: 1766
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 9.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.478 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077340.D
Acq: 17 Oct 2023 14:36



Tgt Ion:180 Resp: 9449
Ion Ratio Lower Upper
180 100
182 91.7 47.3 141.9
145 32.3 15.1 45.3

