

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077312.D
 Acq On : 11 Oct 2023 18:06
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:59:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	264871	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	475522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	447803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	202582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	205565	97.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.000%#	
35) Dibromofluoromethane	7.804	113	239258	94.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 189.420%#	
50) Toluene-d8	10.269	98	848907	102.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 204.420%#	
62) 4-Bromofluorobenzene	12.575	95	276741	99.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 198.420%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	231389	94.043	ug/l	98
3) Chloromethane	2.146	50	349292	89.646	ug/l	100
4) Vinyl Chloride	2.281	62	415488	97.743	ug/l	99
5) Bromomethane	2.675	94	313694	104.935	ug/l	100
6) Chloroethane	2.828	64	309976	110.465	ug/l	97
7) Trichlorofluoromethane	3.169	101	501351	114.046	ug/l	100
8) Diethyl Ether	3.587	74	171545	111.964	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	306633	96.883	ug/l	96
10) Methyl Iodide	4.163	142	432755	110.688	ug/l	92
11) Tert butyl alcohol	5.063	59	81782	509.878	ug/l	97
12) 1,1-Dichloroethene	3.934	96	315863	103.354	ug/l	87
13) Acrolein	3.793	56	133647	714.551	ug/l	96
14) Allyl chloride	4.558	41	447424	106.466	ug/l #	90
15) Acrylonitrile	5.246	53	391350	518.893	ug/l	100
16) Acetone	4.022	43	315543	481.167	ug/l	91
17) Carbon Disulfide	4.269	76	973505	105.554	ug/l	97
18) Methyl Acetate	4.558	43	275043	105.513	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	739622	108.437	ug/l	97
20) Methylene Chloride	4.799	84	417280	98.146	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	371340	101.758	ug/l	94
22) Diisopropyl ether	6.216	45	1020597	107.216	ug/l #	94
23) Vinyl Acetate	6.152	43	2478368	555.559	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	645523	101.984	ug/l	96
25) 2-Butanone	7.081	43	462482	529.397	ug/l	89
26) 2,2-Dichloropropane	7.075	77	524029	102.961	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	425021	104.046	ug/l	93
28) Bromochloromethane	7.422	49	254820	101.712	ug/l #	76
29) Tetrahydrofuran	7.440	42	285989	548.721	ug/l	87
30) Chloroform	7.599	83	646136	99.620	ug/l	97
31) Cyclohexane	7.875	56	503615	100.068	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	517081	99.421	ug/l	99
36) 1,1-Dichloropropene	8.004	75	476540	104.062	ug/l	96
37) Ethyl Acetate	7.163	43	207044	107.767	ug/l	95
38) Carbon Tetrachloride	7.987	117	426196	102.596	ug/l	97
39) Methylcyclohexane	9.275	83	555422	107.622	ug/l	93
40) Benzene	8.251	78	1461176	103.419	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	114053	109.908	ug/l	90
42) 1,2-Dichloroethane	8.328	62	339399	99.940	ug/l	98
43) Isopropyl Acetate	8.357	43	372242	109.334	ug/l	91
44) Trichloroethene	9.028	130	359269	103.769	ug/l	88
45) 1,2-Dichloropropane	9.304	63	375619	103.370	ug/l	99
46) Dibromomethane	9.393	93	196154	102.988	ug/l	89
47) Bromodichloromethane	9.587	83	472815	101.252	ug/l	97
48) Methyl methacrylate	9.381	41	174596	111.323	ug/l #	82
49) 1,4-Dioxane	9.387	88	41093	2065.616	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	978640	549.977	ug/l	92
52) Toluene	10.334	92	918531	106.524	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	473564	108.158	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	579370	106.701	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	270235	104.391	ug/l	94
56) Ethyl methacrylate	10.598	69	343017	101.868	ug/l	93
57) 1,3-Dichloropropane	10.881	76	466368	104.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	848167	502.217	ug/l	93
59) 2-Hexanone	10.922	43	698405	554.985	ug/l	91
60) Dibromochloromethane	11.075	129	308176	104.232	ug/l	96
61) 1,2-Dibromoethane	11.181	107	252491	106.854	ug/l	99
64) Tetrachloroethene	10.810	164	282695	98.887	ug/l	95
65) Chlorobenzene	11.604	112	935950	100.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	333451	101.510	ug/l	97
67) Ethyl Benzene	11.687	91	1775659	106.843	ug/l	98
68) m/p-Xylenes	11.792	106	1342874	209.949	ug/l	89
69) o-Xylene	12.122	106	641384	108.337	ug/l	91
70) Styrene	12.134	104	1095717	106.812	ug/l	96
71) Bromoform	12.298	173	169919	101.913	ug/l #	99
73) Isopropylbenzene	12.422	105	1616753	108.059	ug/l	96
74) N-amyl acetate	12.234	43	348374	110.734	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	310392	103.379	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	244067m	109.659	ug/l	
77) Bromobenzene	12.704	156	355232	103.779	ug/l	82
78) n-propylbenzene	12.763	91	2008654	105.880	ug/l	94
79) 2-Chlorotoluene	12.851	91	1078780	105.474	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1321866	106.026	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	98873	105.919	ug/l	98
82) 4-Chlorotoluene	12.945	91	1129977	104.573	ug/l	92
83) tert-Butylbenzene	13.169	119	1104962	106.102	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	1344522	107.661	ug/l	95
85) sec-Butylbenzene	13.345	105	1706239	105.063	ug/l	95
86) p-Isopropyltoluene	13.463	119	1428781	107.084	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	727642	101.360	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	710354	100.177	ug/l	98
89) n-Butylbenzene	13.786	91	1367865	104.857	ug/l	97
90) Hexachloroethane	14.051	117	263241	100.063	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	625370	100.804	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	42283	107.608	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	397801	106.309	ug/l	96
94) Hexachlorobutadiene	15.210	225	186747	99.829	ug/l	99
95) Naphthalene	15.333	128	826806	113.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	346127	104.675	ug/l	98

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Instrument :
MSVOA_D
ClientSampleId :
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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

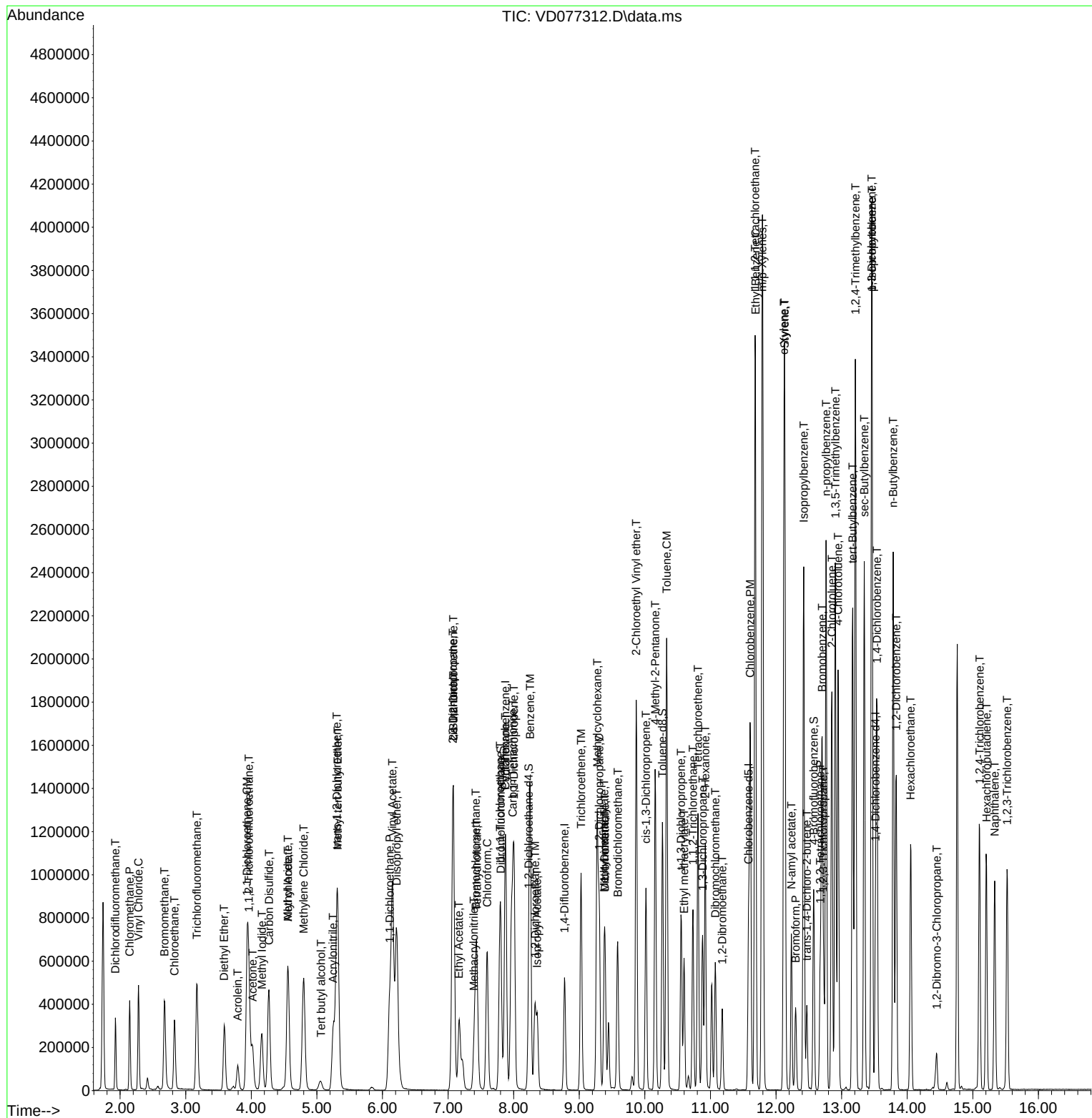
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
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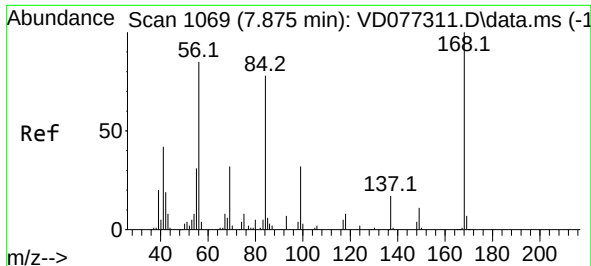
Instrument :
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Manual Integrations
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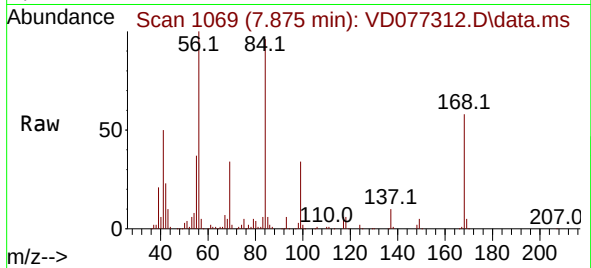
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

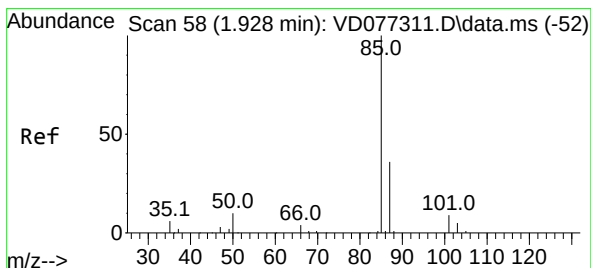
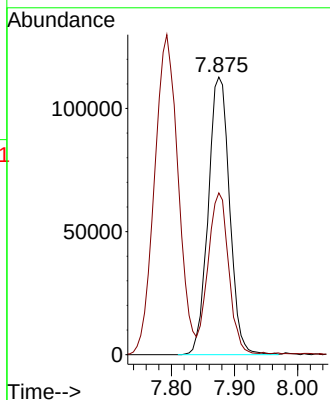
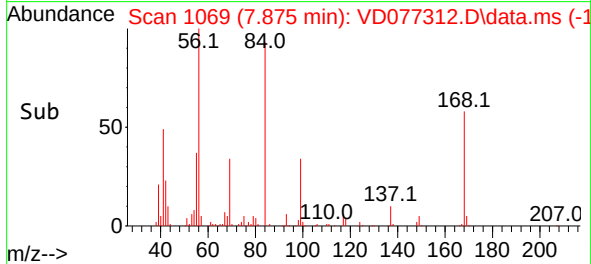
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 26487
Ion Ratio Lower Upper
168 100
99 57.6 36.7 55.1

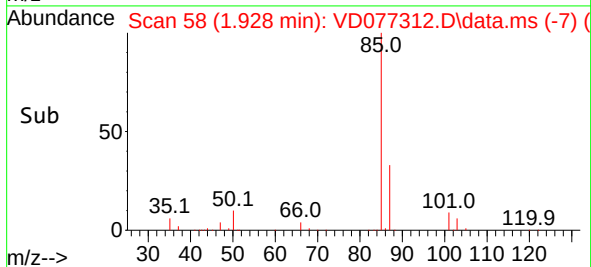
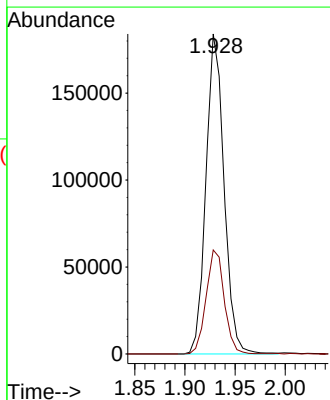
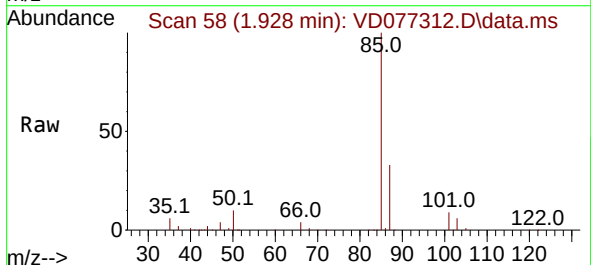
Manual Integrations
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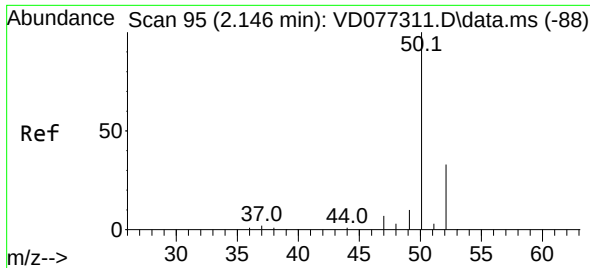
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#2
Dichlorodifluoromethane
Concen: 94.043 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

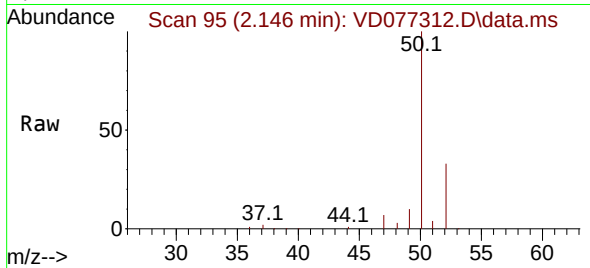
Tgt Ion: 85 Resp: 231389
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





#3
Chloromethane
Concen: 89.646 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

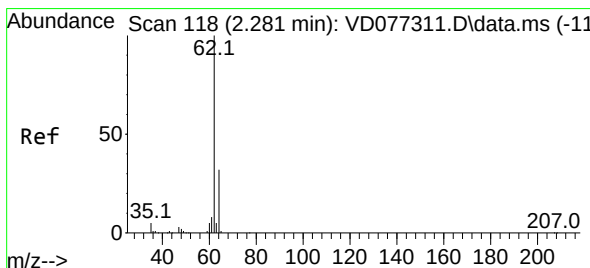
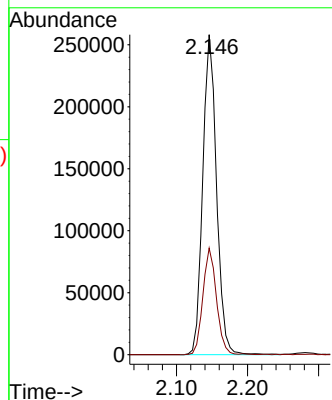
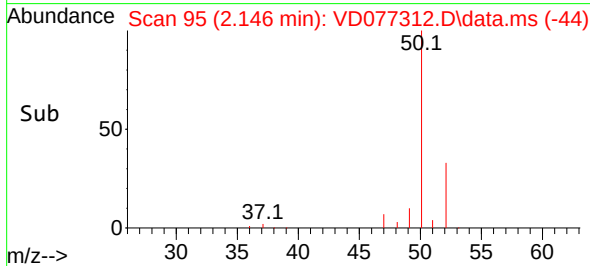
Instrument :
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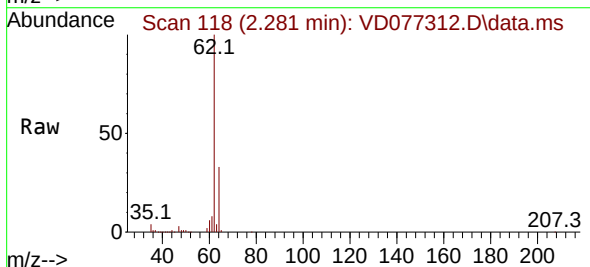
Tgt Ion: 50 Resp: 349292
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

Manual Integrations
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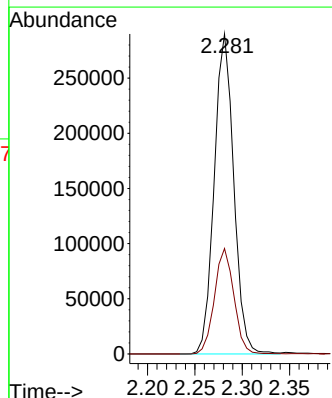
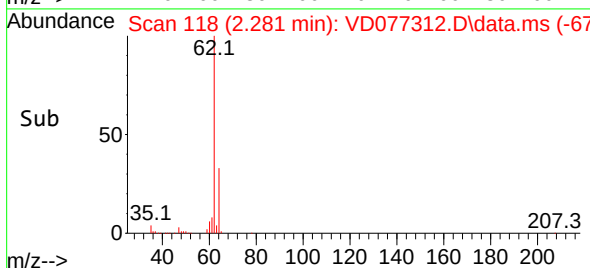
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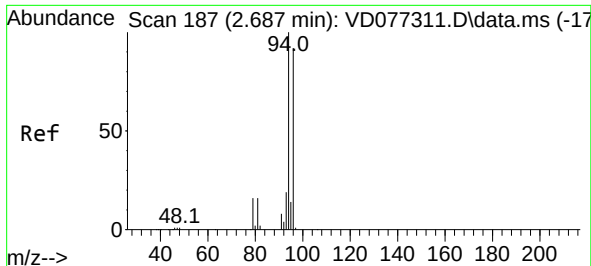


#4
Vinyl Chloride
Concen: 97.743 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



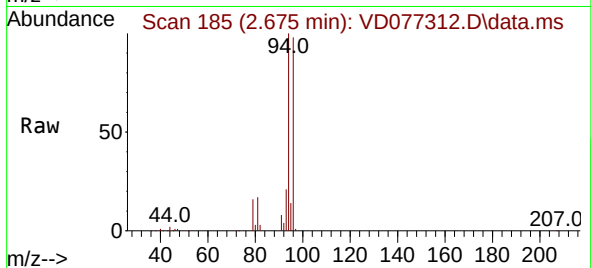
Tgt Ion: 62 Resp: 415488
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 104.935 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

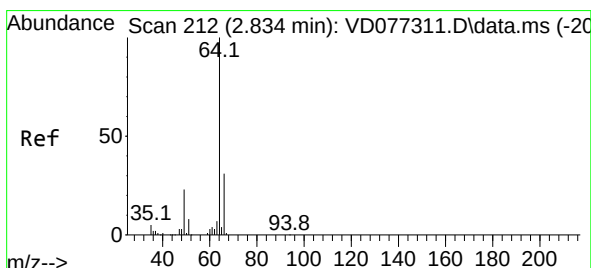
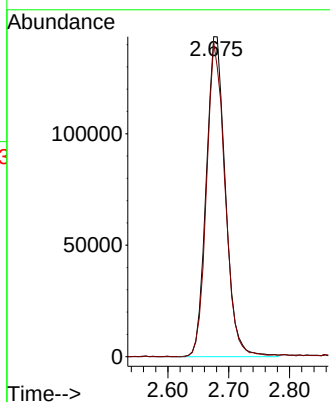
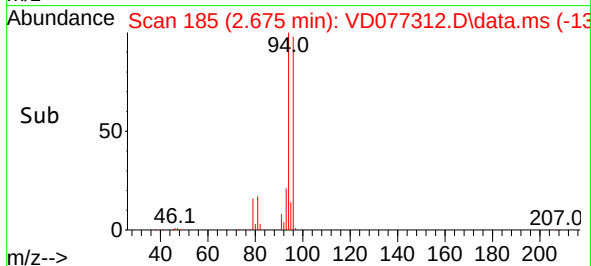
Instrument :
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Tgt Ion: 94 Resp: 313694
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.8

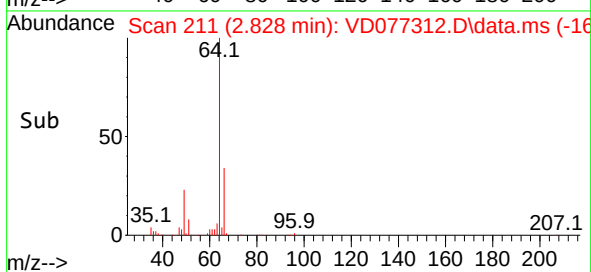
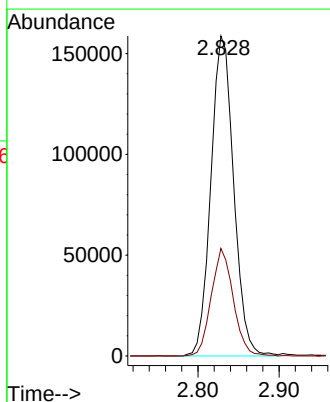
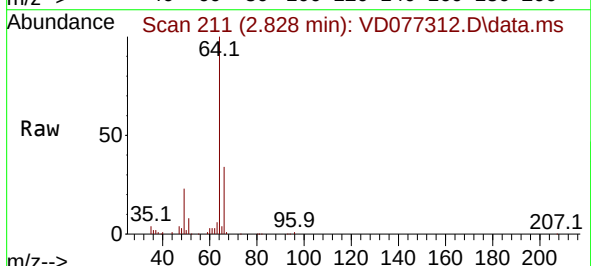
Manual Integrations
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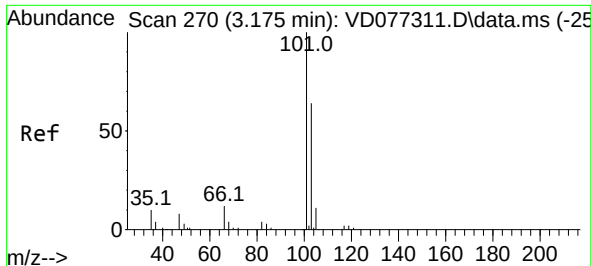
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#6
Chloroethane
Concen: 110.465 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

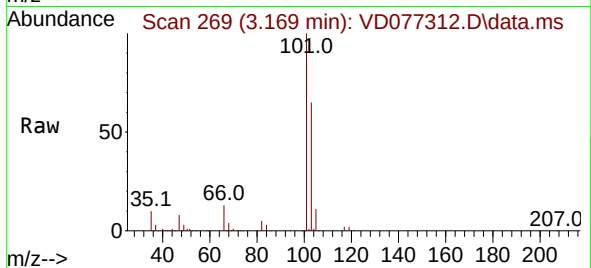
Tgt Ion: 64 Resp: 309976
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3





#7
Trichlorofluoromethane
Concen: 114.046 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

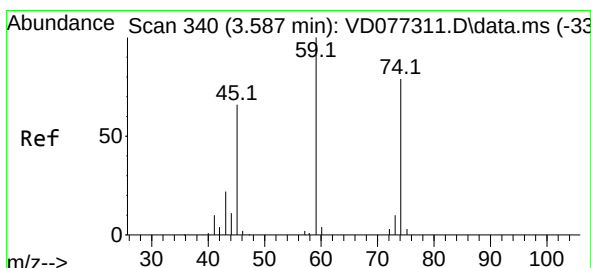
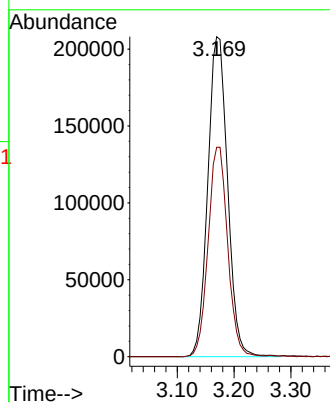
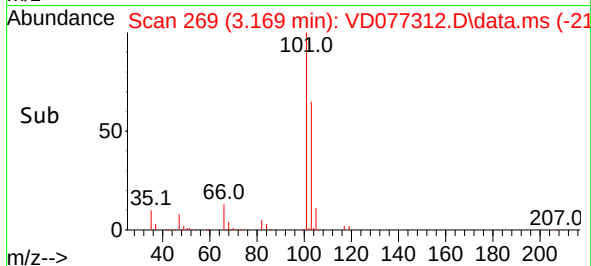
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 50135
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

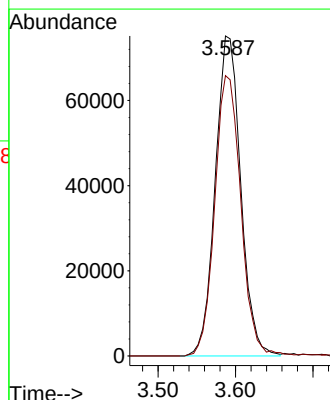
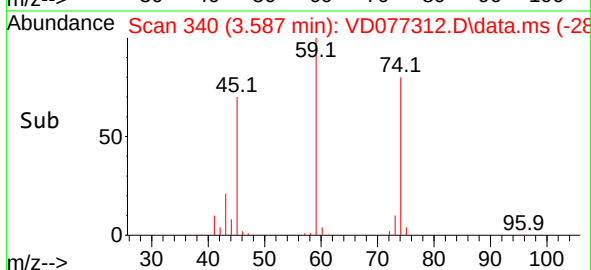
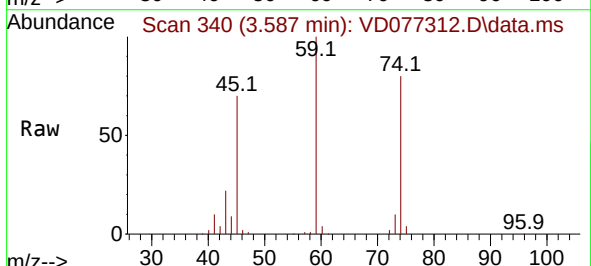
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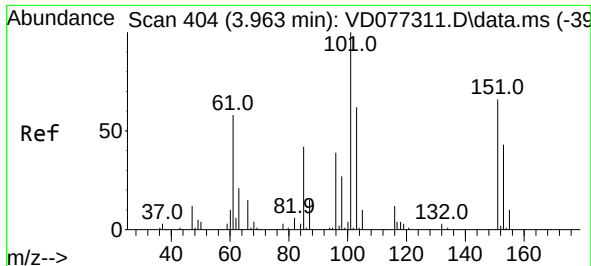
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#8
Diethyl Ether
Concen: 111.964 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion: 74 Resp: 171545
Ion Ratio Lower Upper
74 100
45 89.7 37.5 112.7





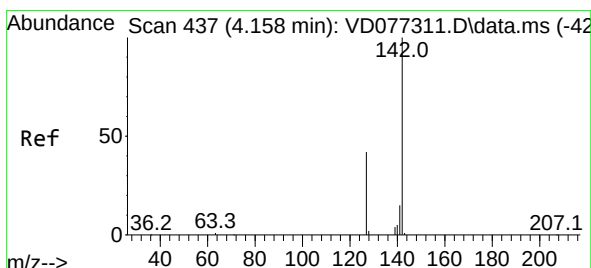
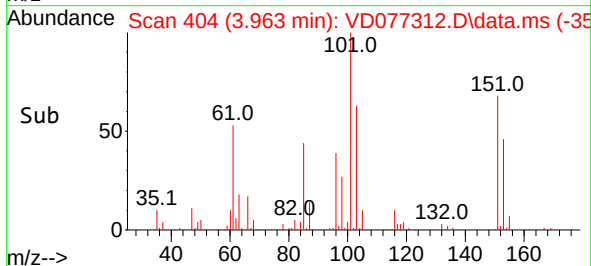
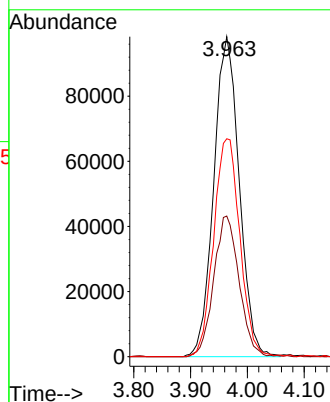
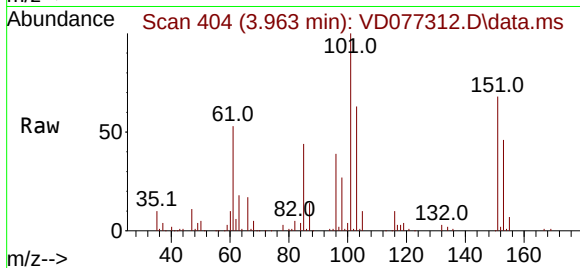
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.883 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 30663
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 70.1 59.8 89.6

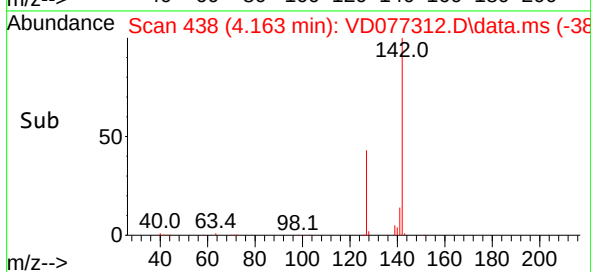
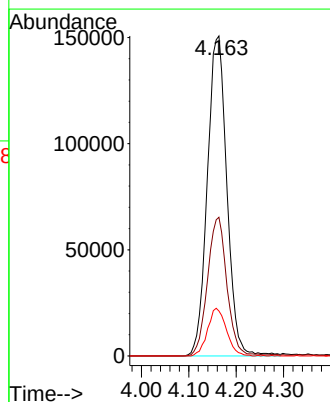
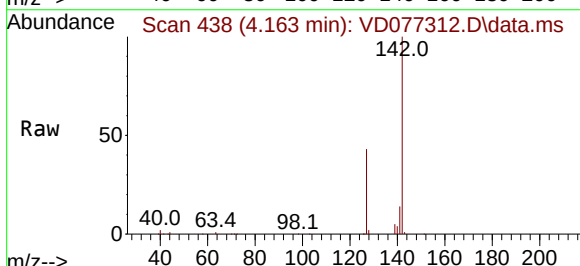
Manual Integrations
APPROVED

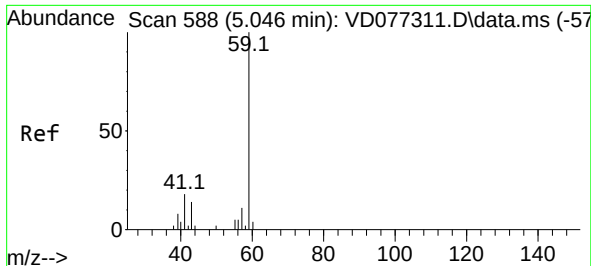
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#10
Methyl Iodide
Concen: 110.688 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:142 Resp: 432755
Ion Ratio Lower Upper
142 100
127 43.1 29.4 44.0
141 14.3 11.1 16.7





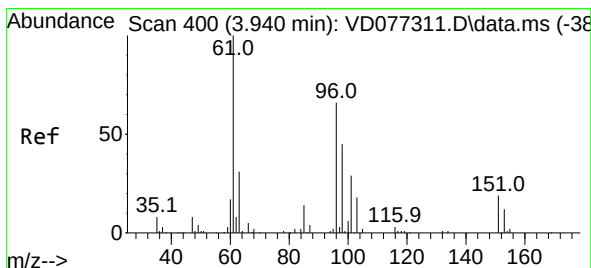
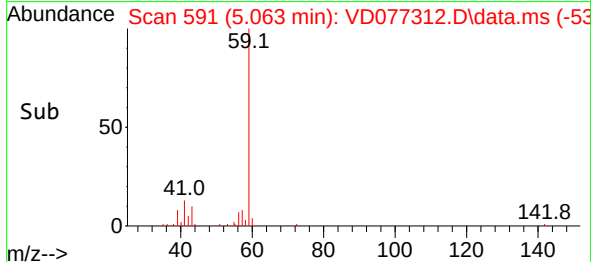
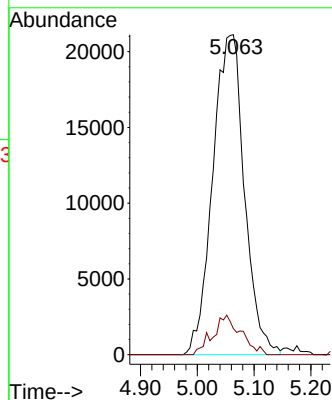
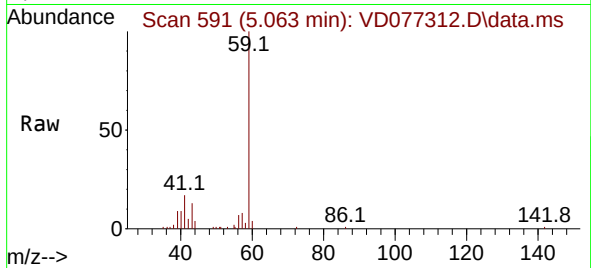
#11
Tert butyl alcohol
Concen: 509.878 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 81782
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

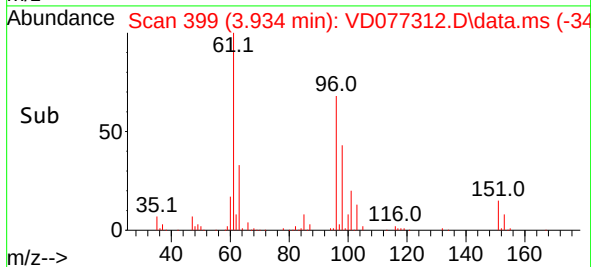
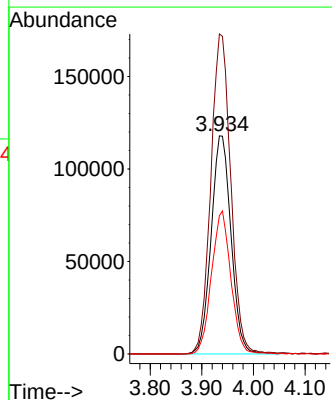
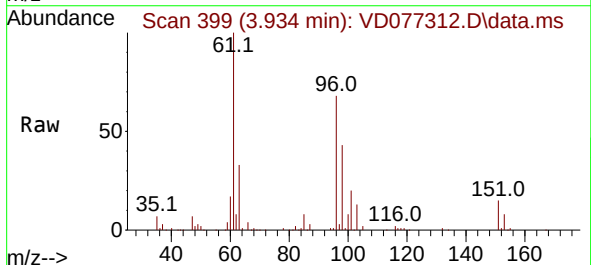
Manual Integrations
APPROVED

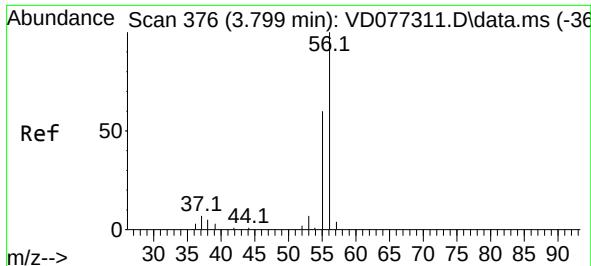
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#12
1,1-Dichloroethene
Concen: 103.354 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion: 96 Resp: 315863
Ion Ratio Lower Upper
96 100
61 146.8 100.6 150.8
98 63.4 50.2 75.2





#13

Acrolein

Concen: 714.551 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 13364

Ion Ratio Lower Upper

56 100

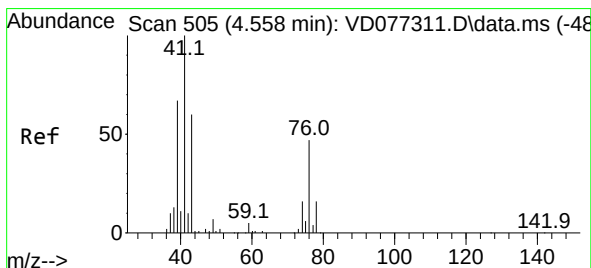
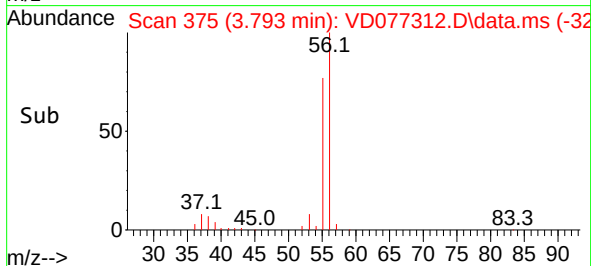
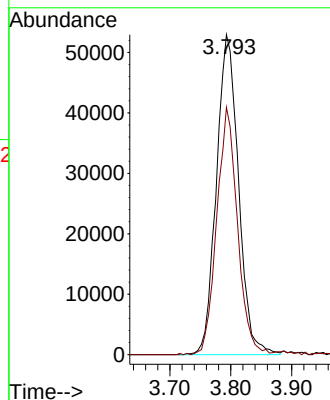
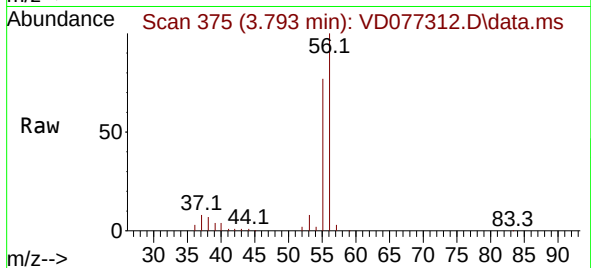
55 72.5 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#14

Allyl chloride

Concen: 106.466 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

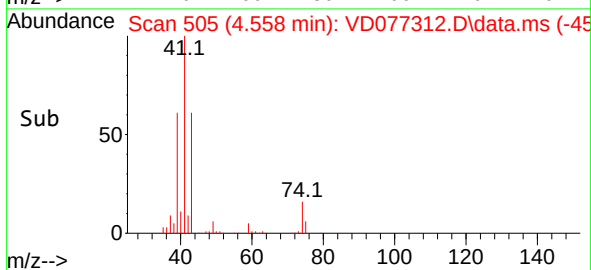
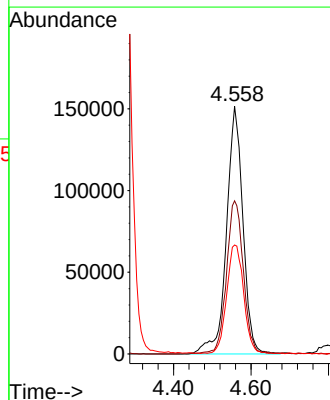
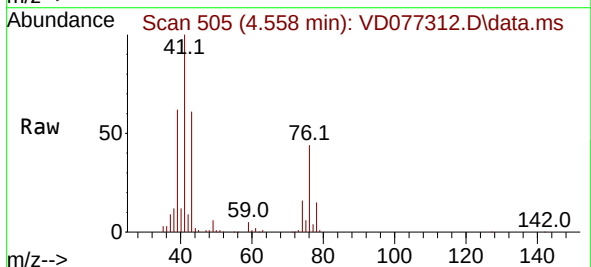
Tgt Ion: 41 Resp: 447424

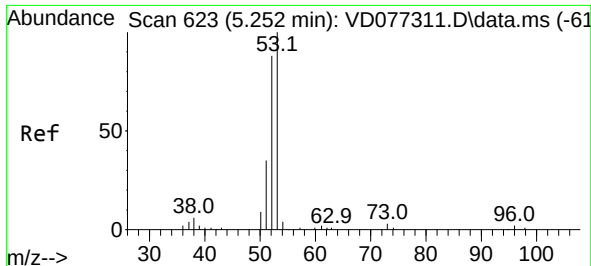
Ion Ratio Lower Upper

41 100

39 63.5 53.8 80.6

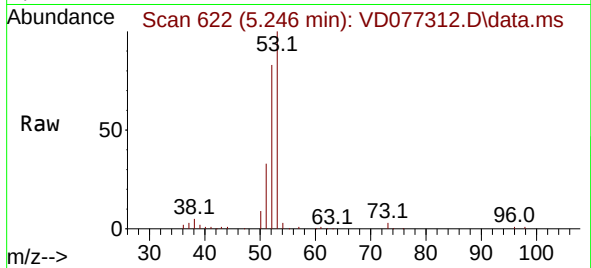
76 45.1 45.8 68.8#





#15
Acrylonitrile
Concen: 518.893 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

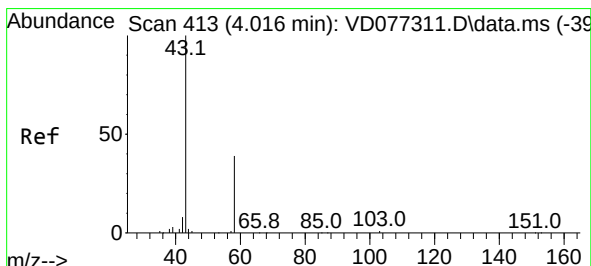
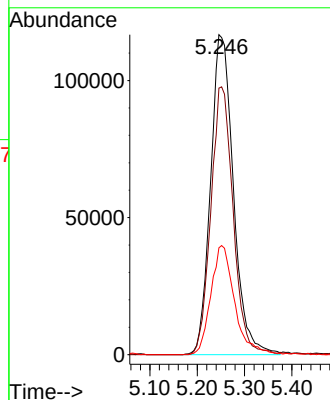
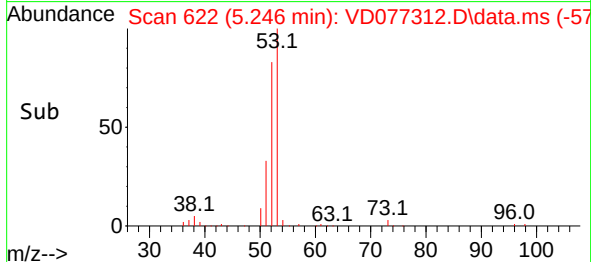
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 391350
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 35.4 28.3 42.5

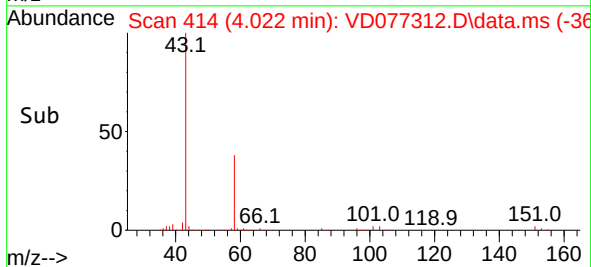
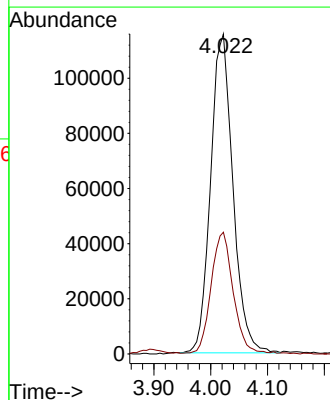
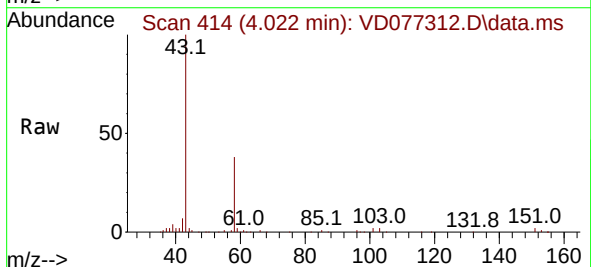
Manual Integrations
APPROVED

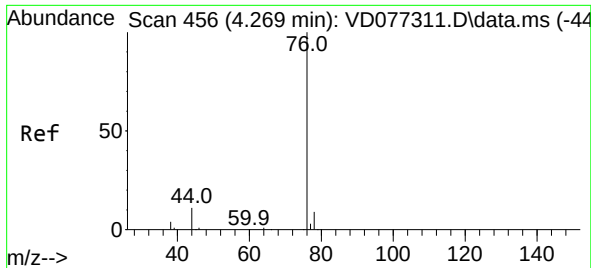
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#16
Acetone
Concen: 481.167 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion: 43 Resp: 315543
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1





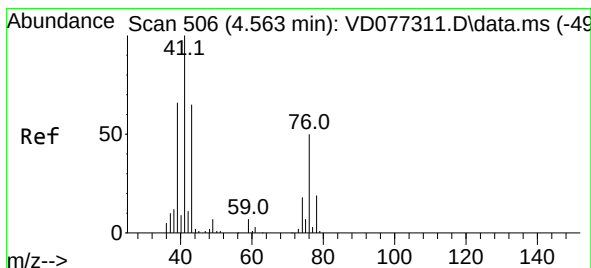
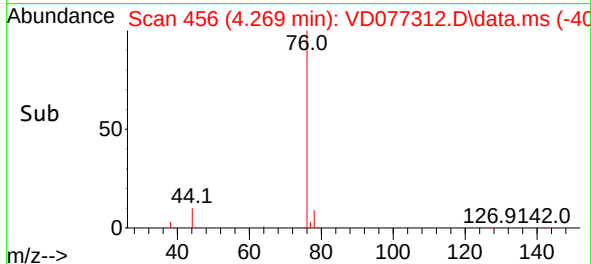
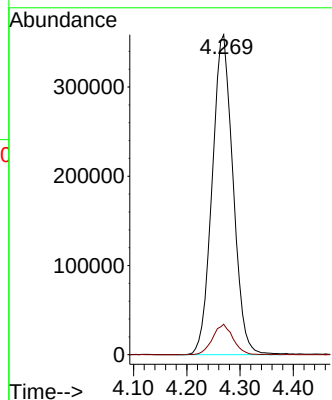
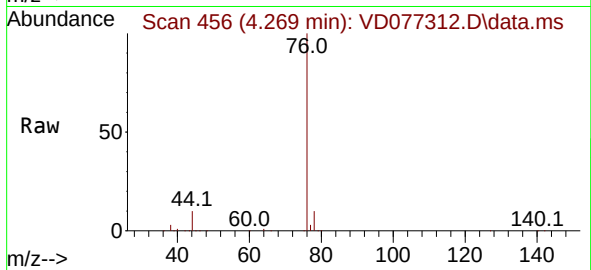
#17
Carbon Disulfide
Concen: 105.554 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 97350
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

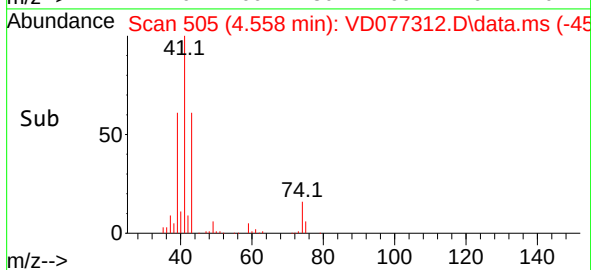
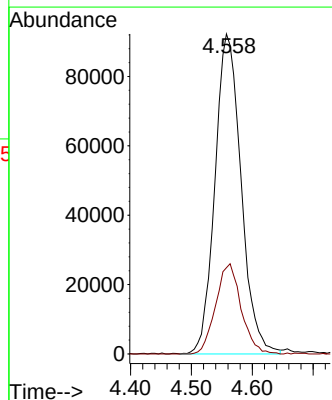
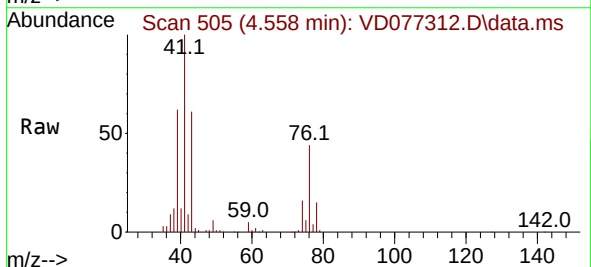
Manual Integrations
APPROVED

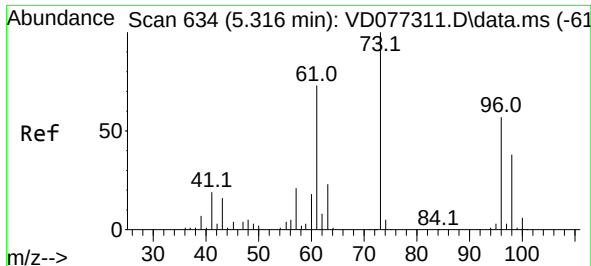
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#18
Methyl Acetate
Concen: 105.513 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

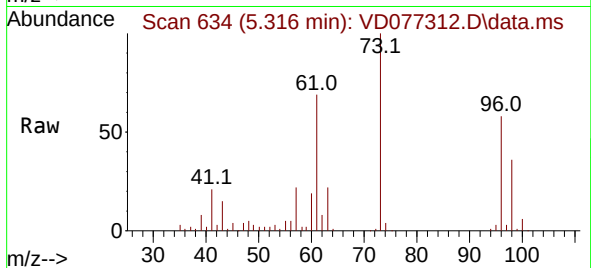
Tgt Ion: 43 Resp: 275043
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 108.437 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

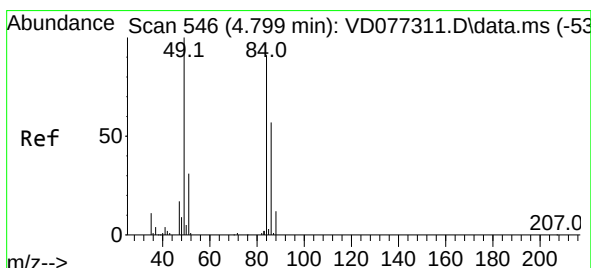
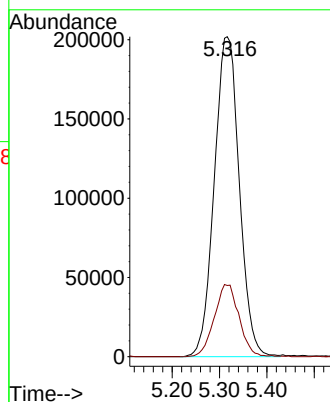
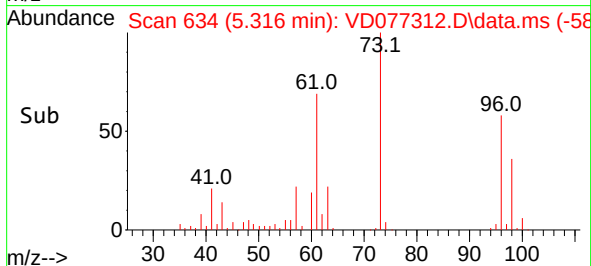
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



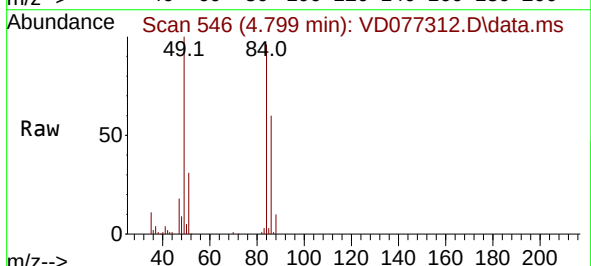
Tgt Ion: 73 Resp: 73962
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0

Manual Integrations
APPROVED

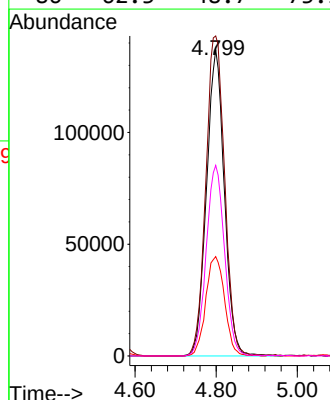
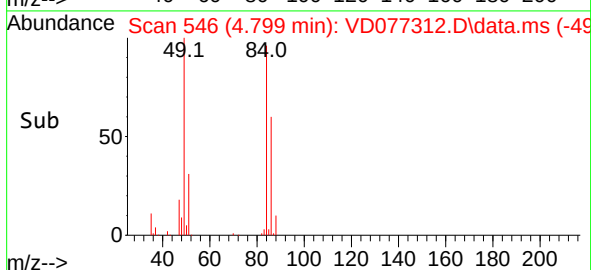
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

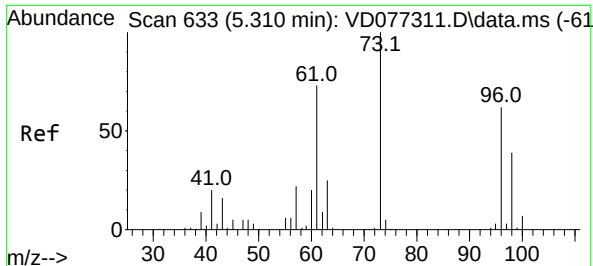


#20
Methylene Chloride
Concen: 98.146 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



Tgt Ion: 84 Resp: 417280
Ion Ratio Lower Upper
84 100
49 104.5 71.4 107.2
51 32.5 24.5 36.7
86 62.3 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 101.758 ug/l

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 371340

Ion Ratio Lower Upper

96 100

61 121.2 89.3 133.9

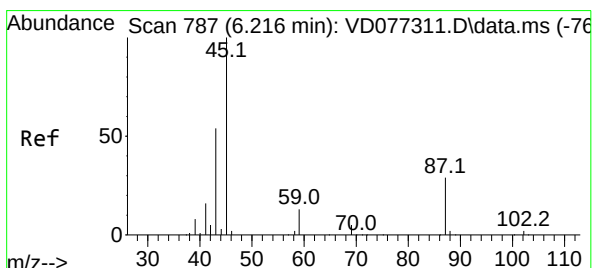
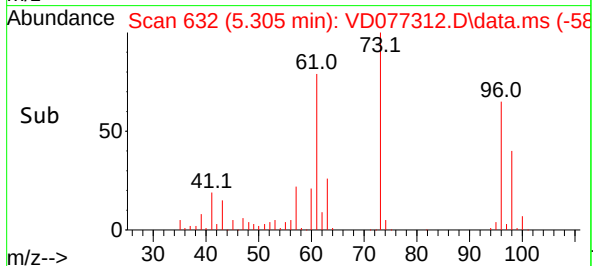
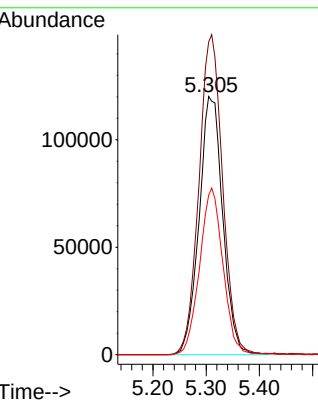
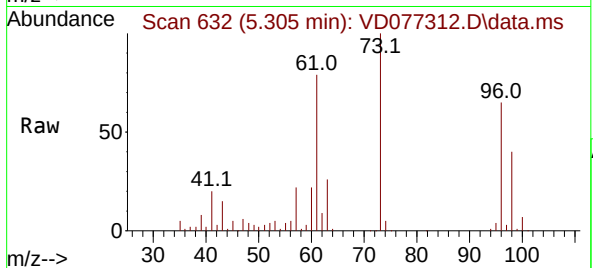
98 61.8 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#22

Diisopropyl ether

Concen: 107.216 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Tgt Ion: 45 Resp: 1020597

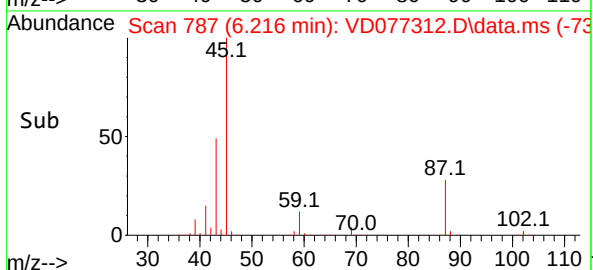
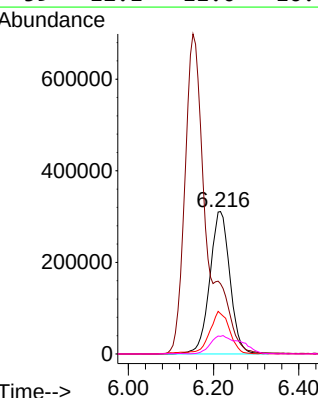
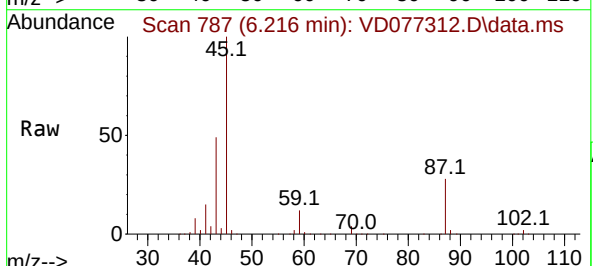
Ion Ratio Lower Upper

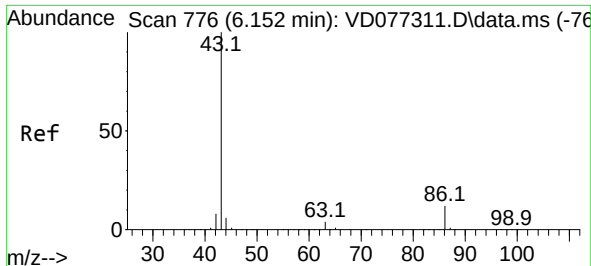
45 100

43 48.5 40.0 60.0

87 28.2 28.2 42.4#

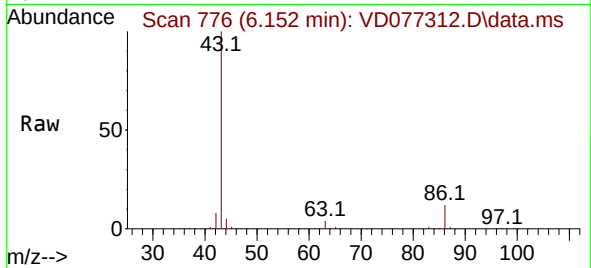
59 12.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 555.559 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077312.D
 Acq: 11 Oct 2023 18:06

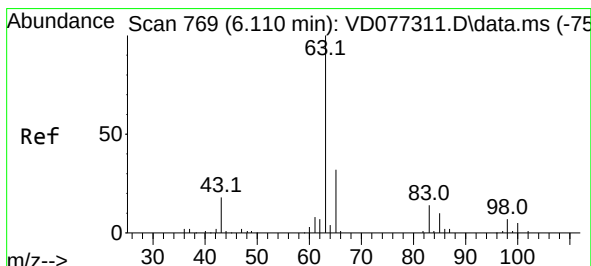
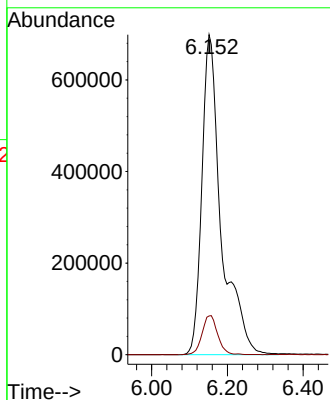
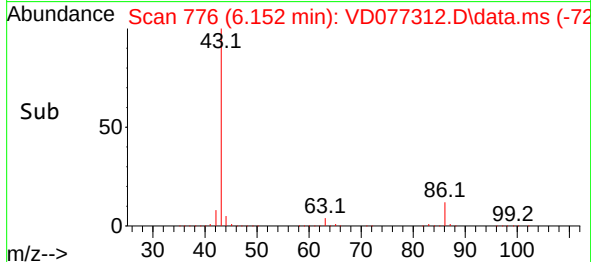
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



Tgt Ion: 43 Resp: 247836
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7

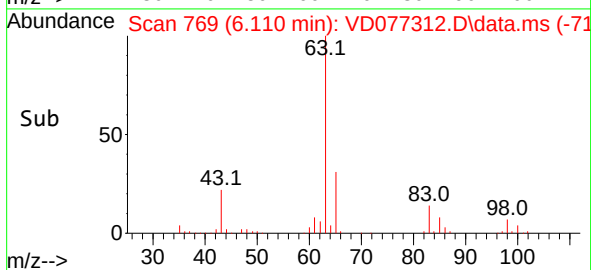
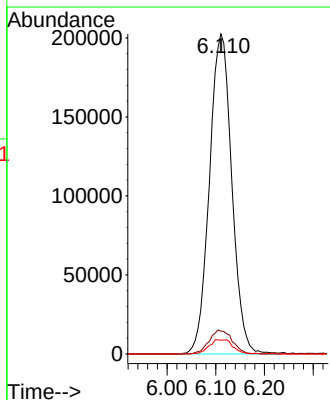
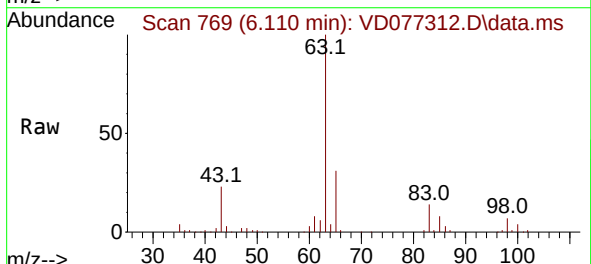
Manual Integrations
 APPROVED

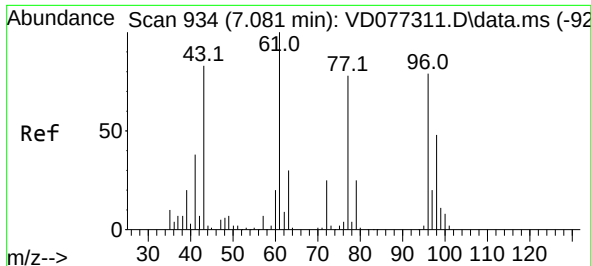
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 101.984 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077312.D
 Acq: 11 Oct 2023 18:06

Tgt Ion: 63 Resp: 645523
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.3 2.5 7.5





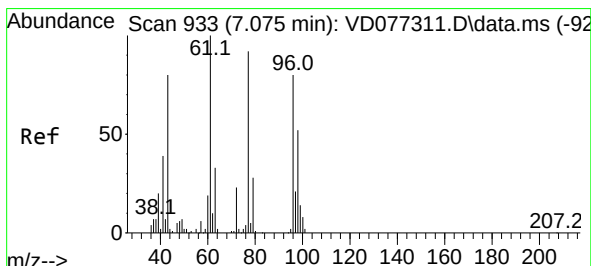
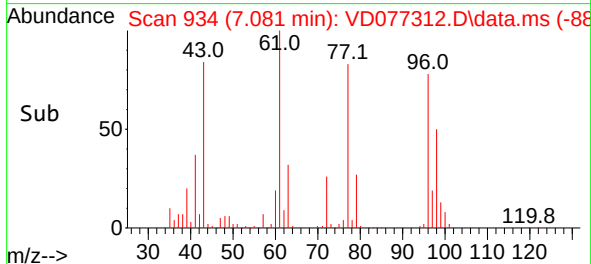
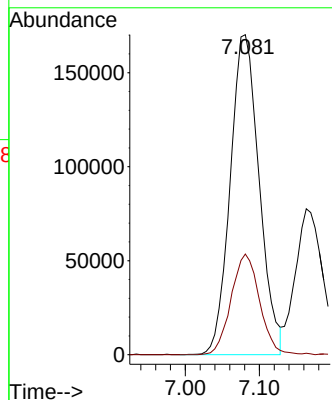
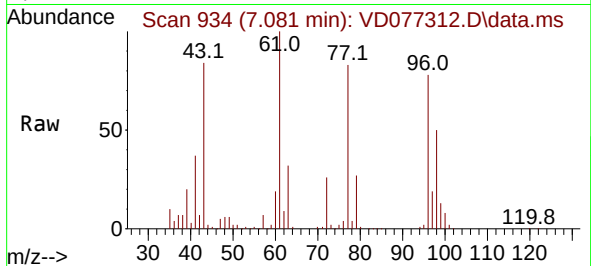
#25
2-Butanone
Concen: 529.397 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 46248
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1

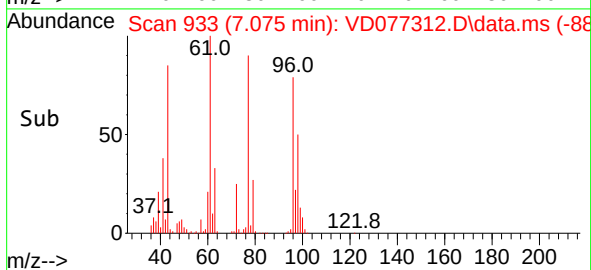
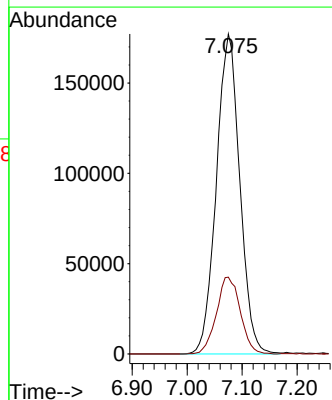
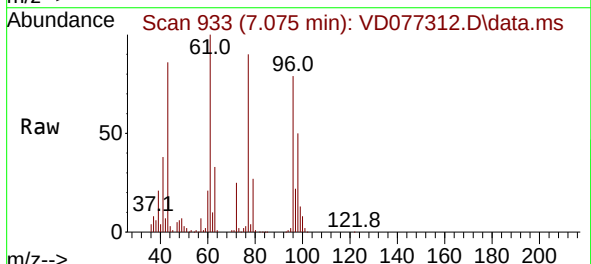
Manual Integrations
APPROVED

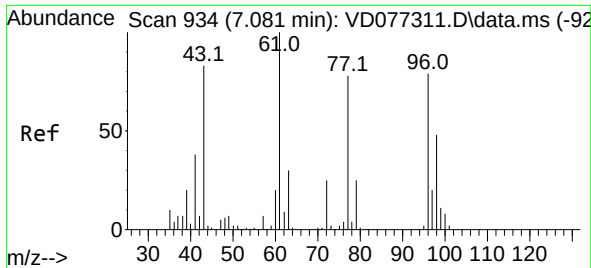
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#26
2,2-Dichloropropane
Concen: 102.961 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

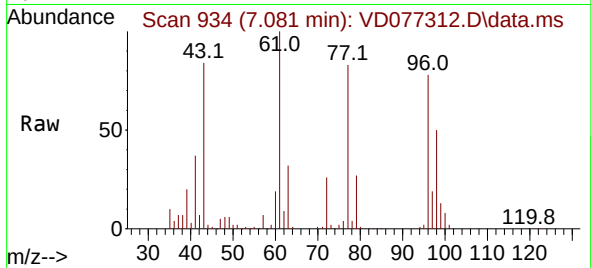
Tgt Ion: 77 Resp: 524029
Ion Ratio Lower Upper
77 100
97 24.5 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 104.046 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077312.D
 Acq: 11 Oct 2023 18:06

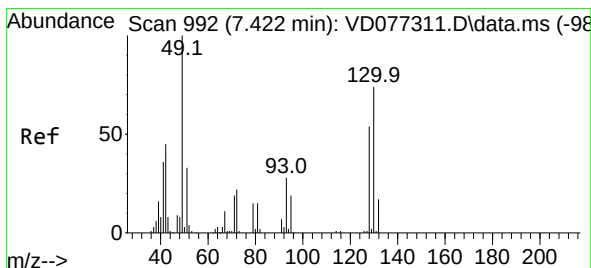
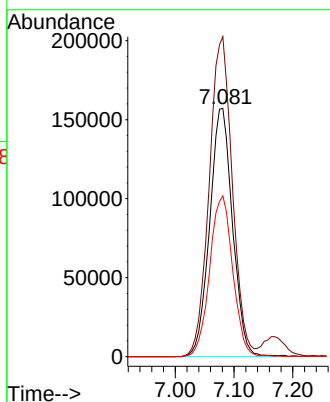
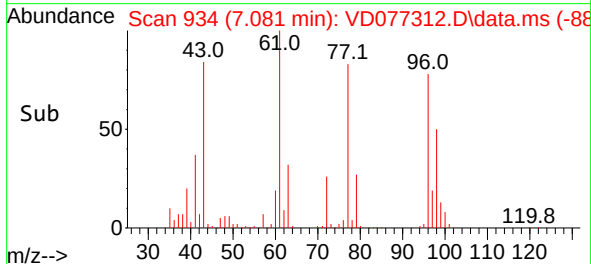
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 42502
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 239.2
 98 65.3 0.0 128.6

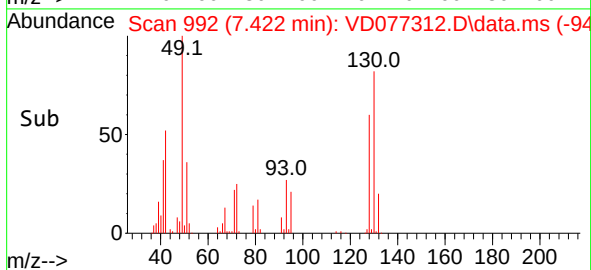
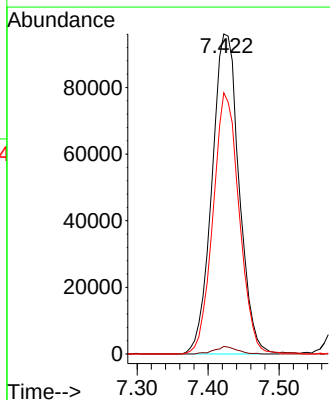
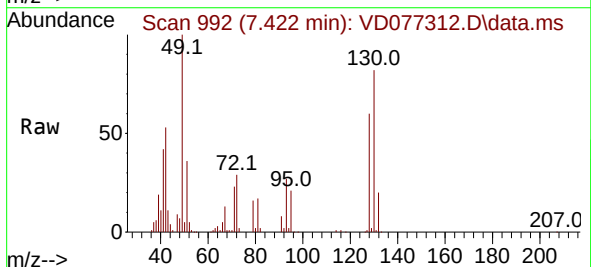
Manual Integrations
 APPROVED

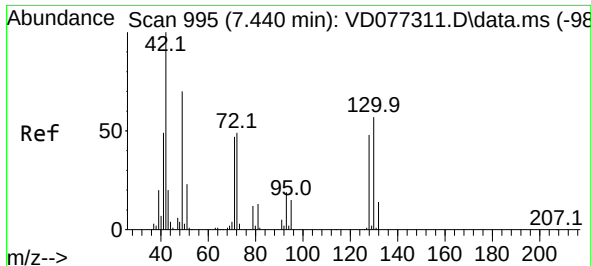
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#28
 Bromochloromethane
 Concen: 101.712 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077312.D
 Acq: 11 Oct 2023 18:06

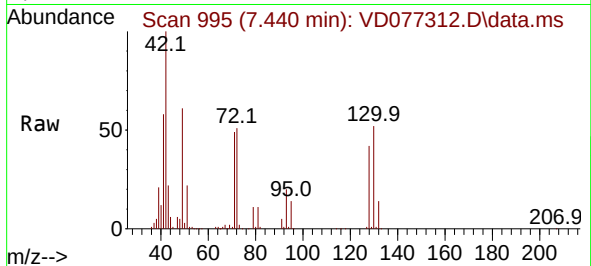
Tgt Ion: 49 Resp: 254820
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 6.0
 130 78.6 83.2 124.8#





#29
Tetrahydrofuran
Concen: 548.721 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

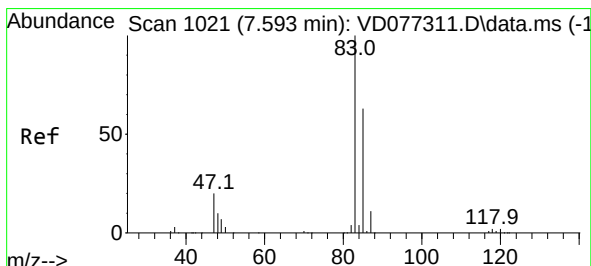
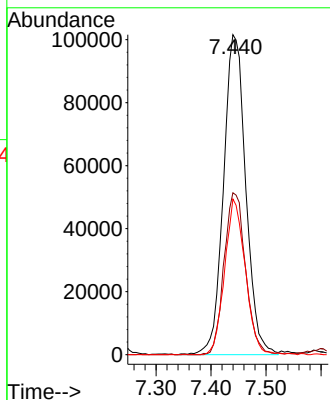
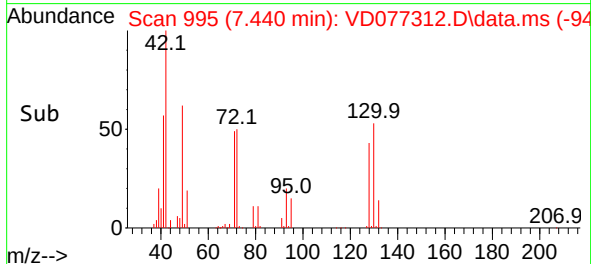
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



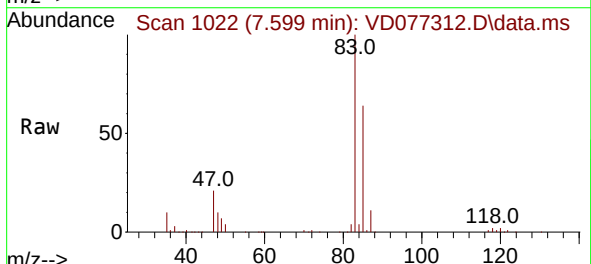
Tgt Ion: 42 Resp: 285989
Ion Ratio Lower Upper
42 100
72 48.9 46.5 69.7
71 45.1 44.5 66.7

Manual Integrations
APPROVED

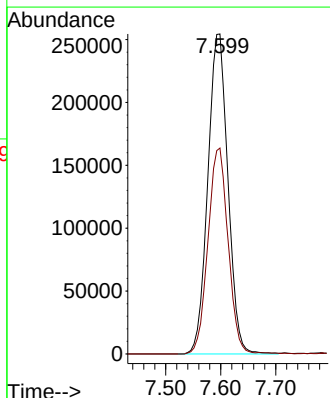
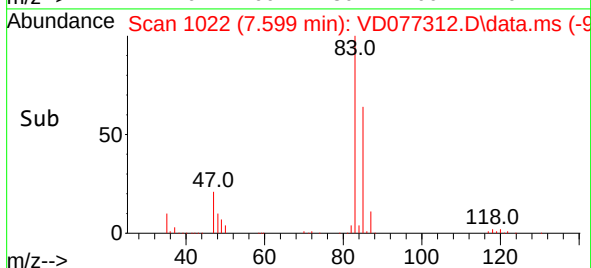
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

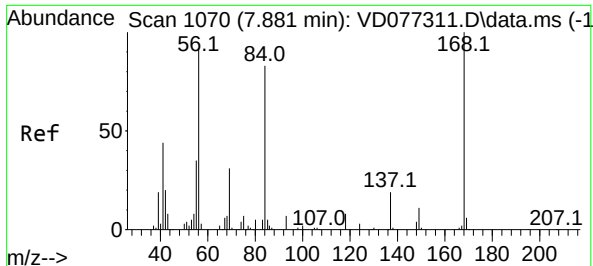


#30
Chloroform
Concen: 99.620 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



Tgt Ion: 83 Resp: 646136
Ion Ratio Lower Upper
83 100
85 64.3 53.4 80.2





#31

Cyclohexane

Concen: 100.068 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077312.D

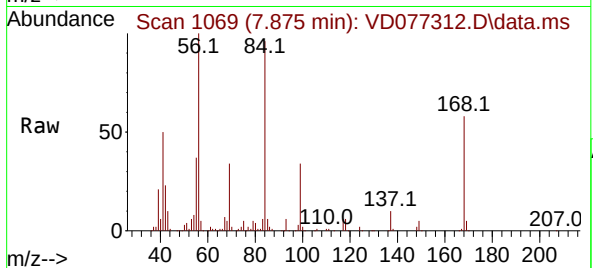
Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

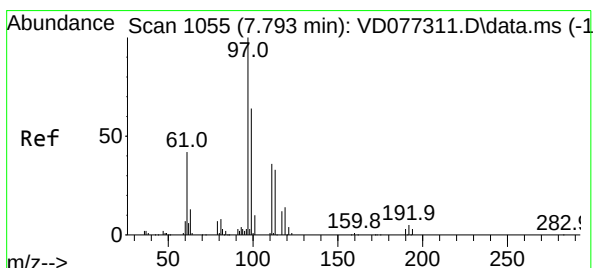
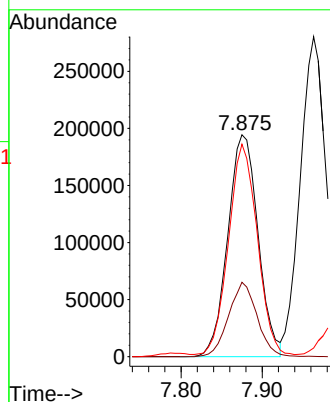
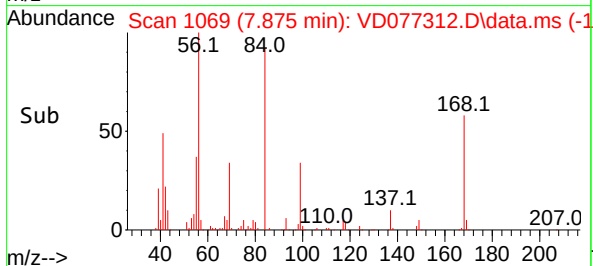


Tgt Ion:	56	Resp:	50361
Ion Ratio	Lower	Upper	
56	100		
69	33.6	28.6	43.0
84	94.3	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#32

1,1,1-Trichloroethane

Concen: 99.421 ug/l

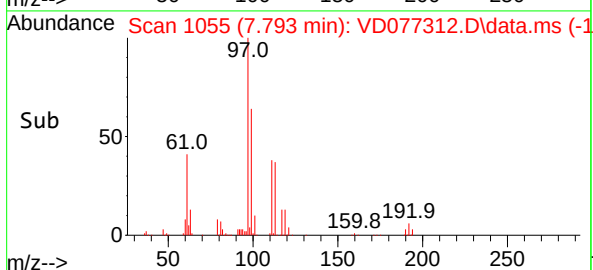
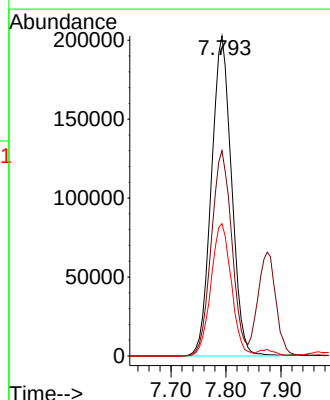
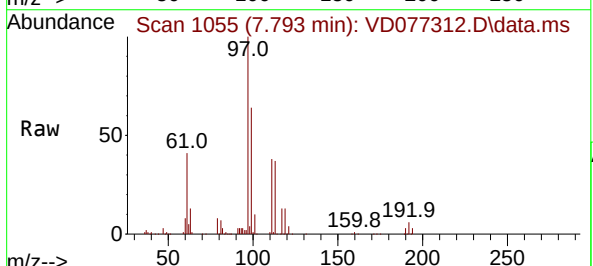
RT: 7.793 min Scan# 1055

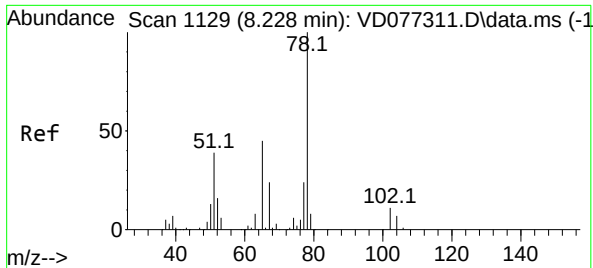
Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Tgt Ion:	97	Resp:	517081
Ion Ratio	Lower	Upper	
97	100		
99	65.4	52.0	78.0
61	41.7	33.8	50.8





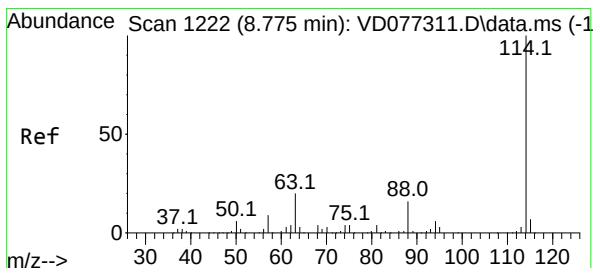
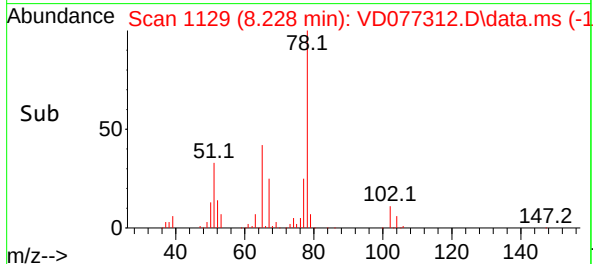
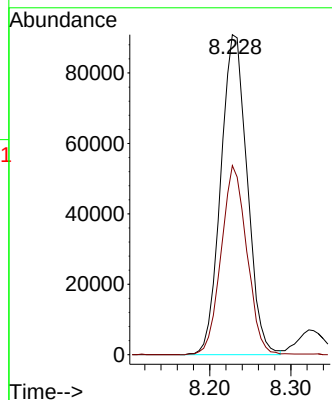
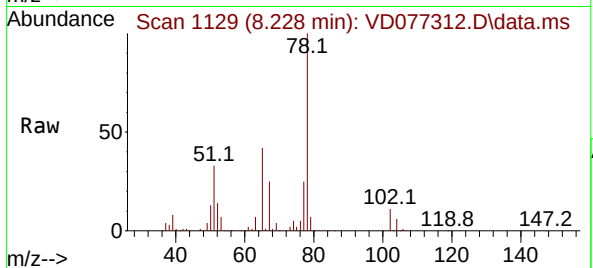
#33
1,2-Dichloroethane-d4
Concen: 97.002 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 20556
Ion Ratio Lower Upper
65 100
67 57.4 0.0 115.0

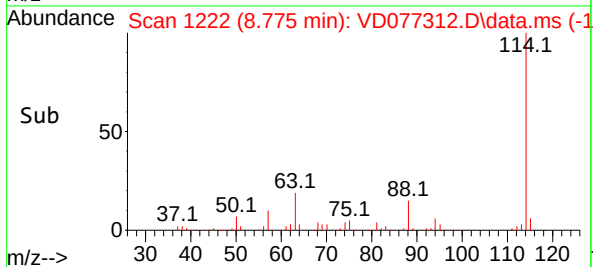
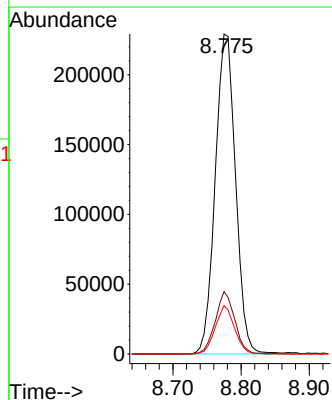
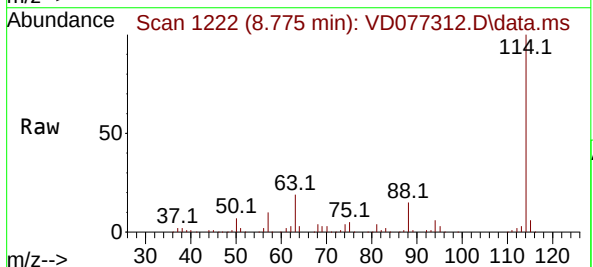
Manual Integrations
APPROVED

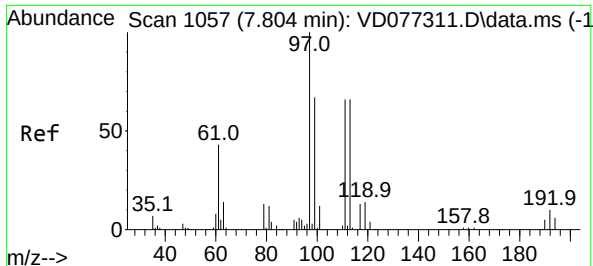
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:114 Resp: 475522
Ion Ratio Lower Upper
114 100
63 19.5 0.0 33.4
88 15.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 94.711 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 239258

Ion Ratio Lower Upper

113 100

111 105.8 84.7 127.1

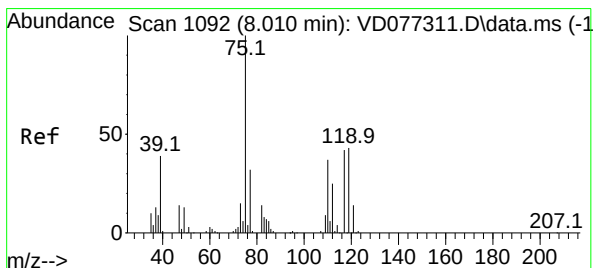
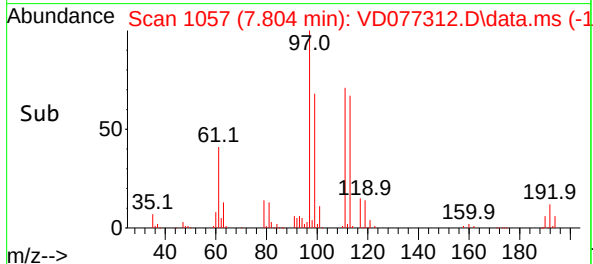
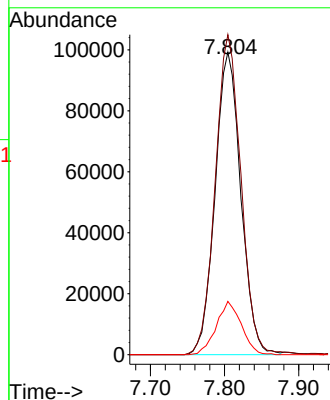
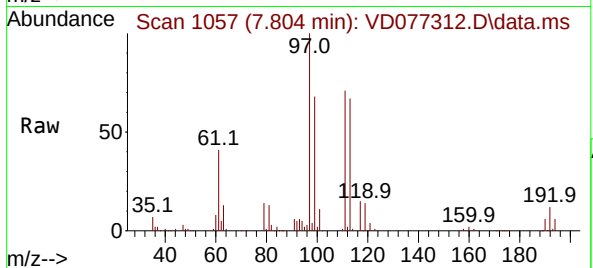
192 17.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#36

1,1-Dichloropropene

Concen: 104.062 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

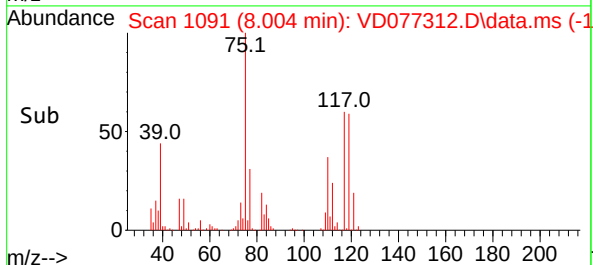
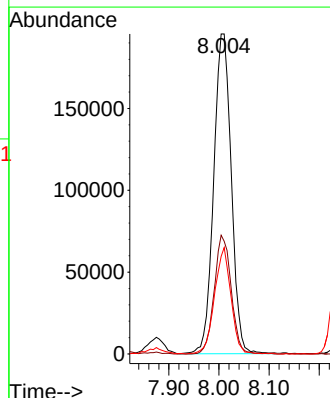
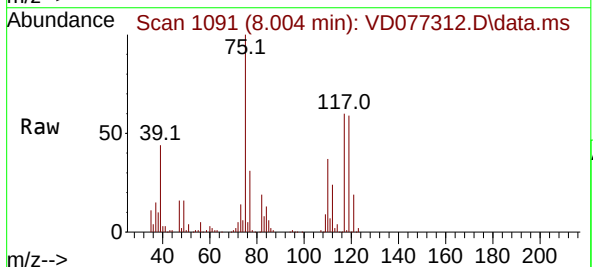
Tgt Ion: 75 Resp: 476540

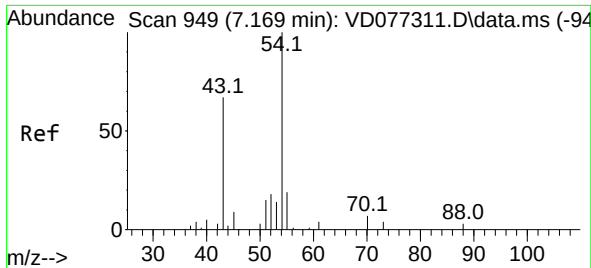
Ion Ratio Lower Upper

75 100

110 35.7 19.9 59.6

77 31.0 24.7 37.1





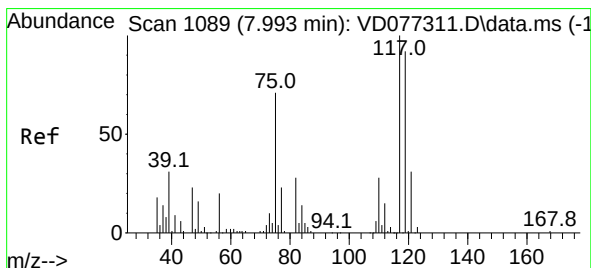
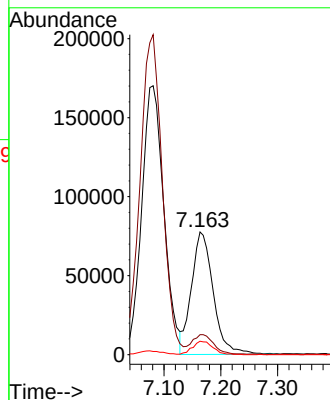
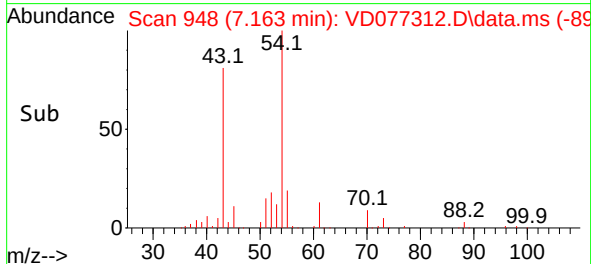
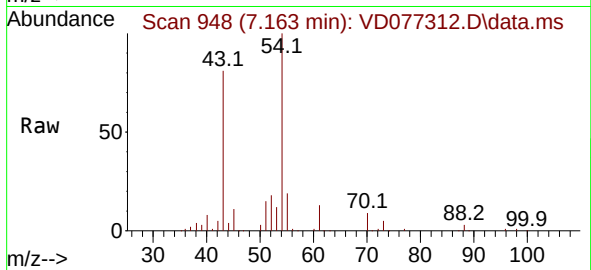
#37
Ethyl Acetate
Concen: 107.767 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 207044
Ion Ratio Lower Upper
43 100
61 16.3 14.9 22.3
70 10.4 10.0 15.0

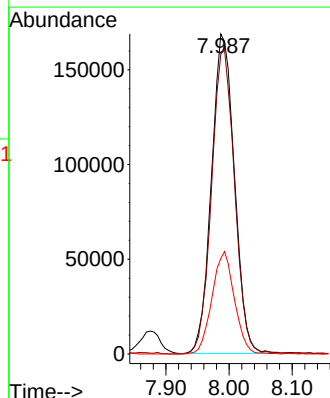
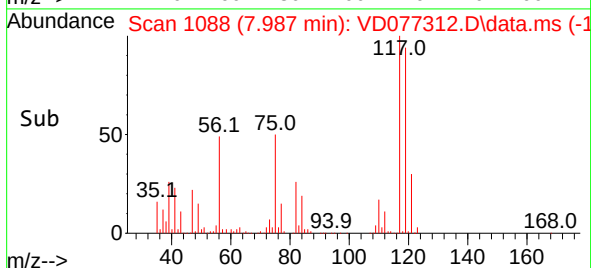
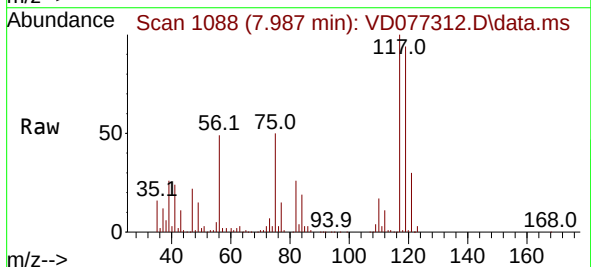
Manual Integrations
APPROVED

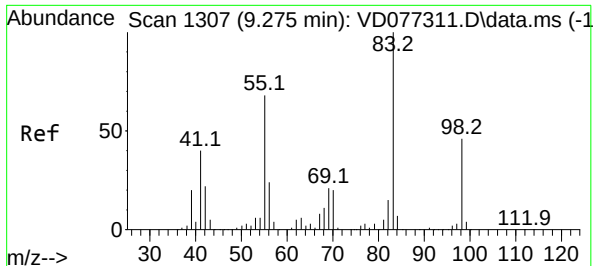
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#38
Carbon Tetrachloride
Concen: 102.596 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:117 Resp: 426196
Ion Ratio Lower Upper
117 100
119 93.9 78.0 117.0
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 107.622 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 55542

Ion Ratio Lower Upper

83 100

55 69.9 49.4 74.0

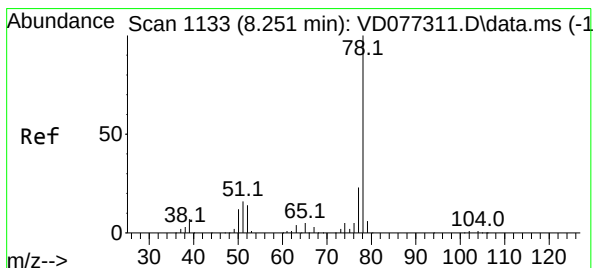
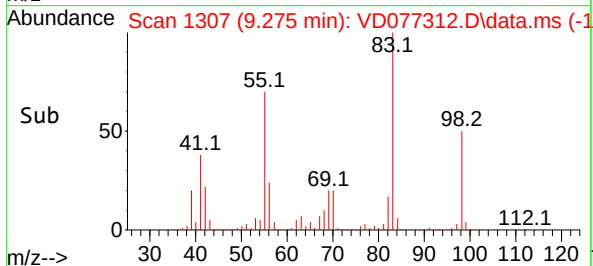
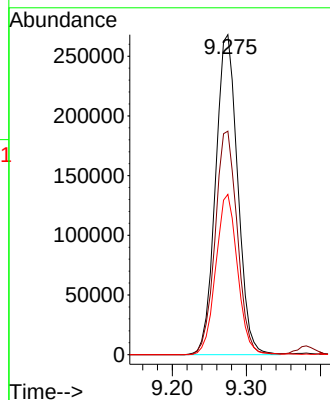
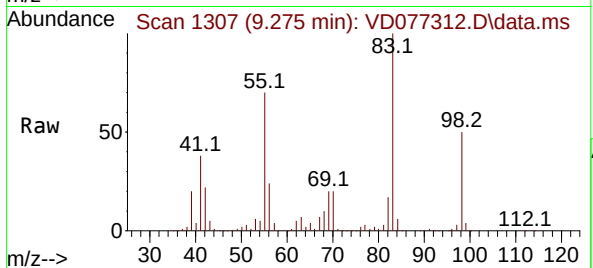
98 50.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#40

Benzene

Concen: 103.419 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077312.D

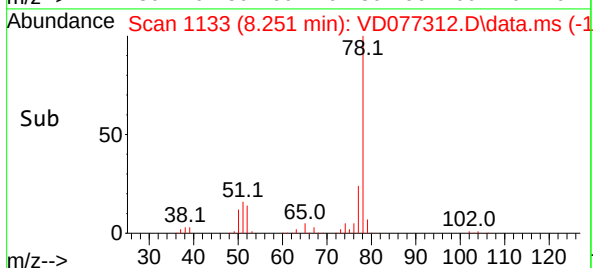
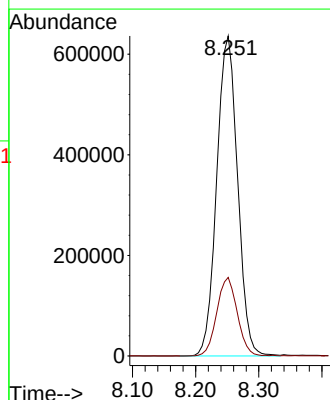
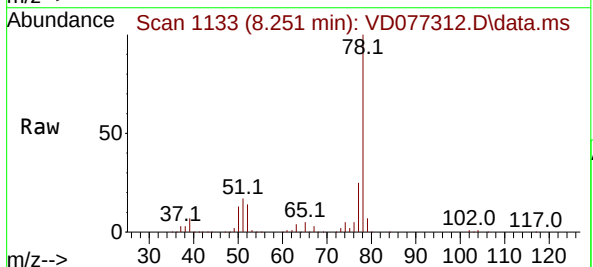
Acq: 11 Oct 2023 18:06

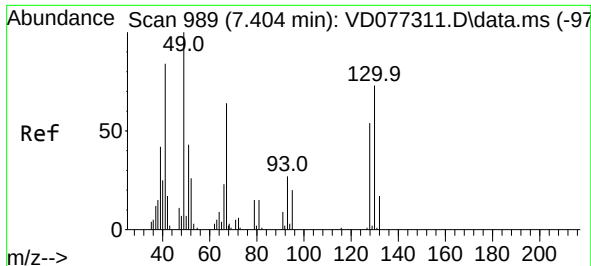
Tgt Ion: 78 Resp: 1461176

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0





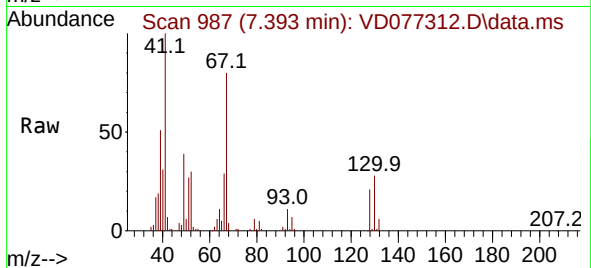
#41
Methacrylonitrile
Concen: 109.908 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

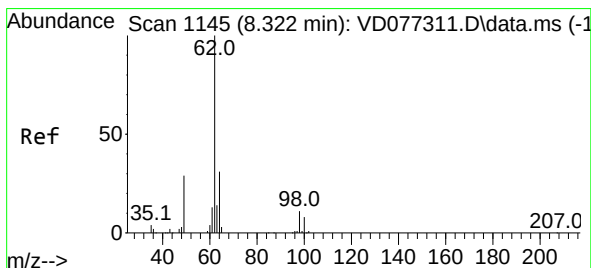
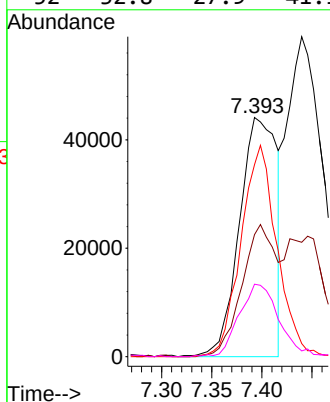
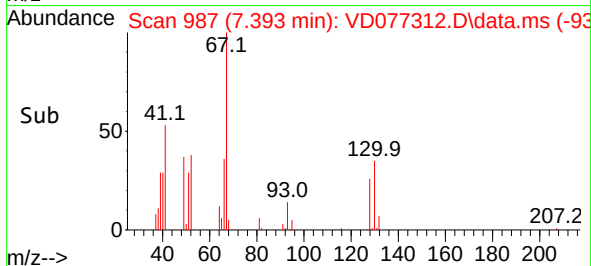


Tgt Ion: 41 Resp: 11405
Ion Ratio Lower Upper
41 100
39 49.8 34.0 51.0
67 85.1 77.0 115.4
52 32.8 27.9 41.9

Manual Integrations

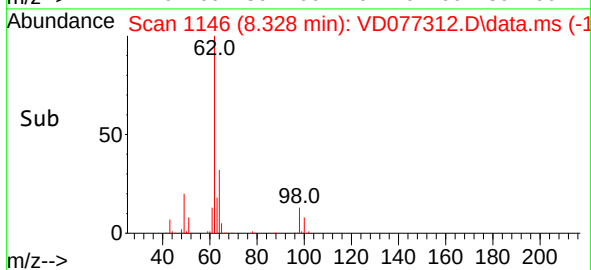
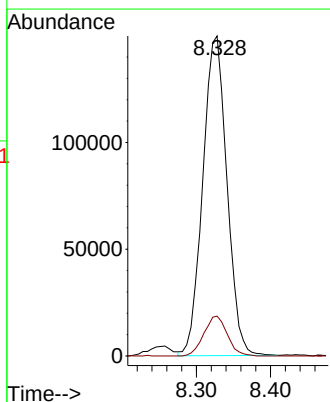
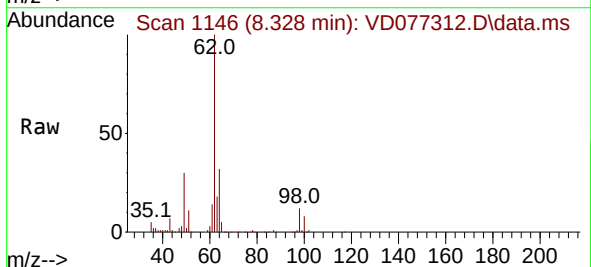
APPROVED

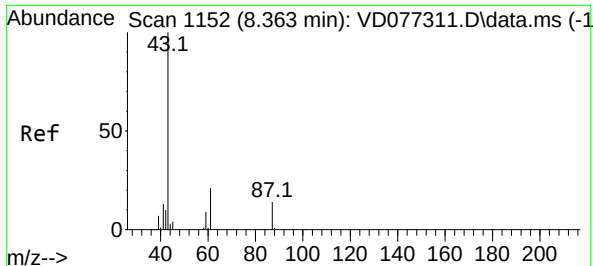
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#42
1,2-Dichloroethane
Concen: 99.940 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion: 62 Resp: 339399
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 109.334 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

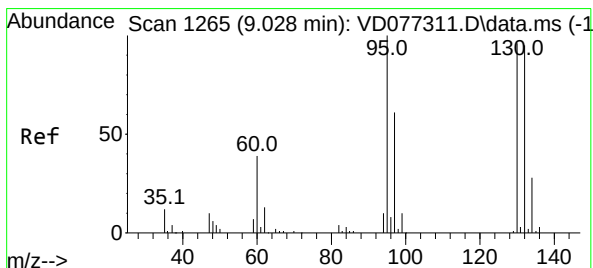
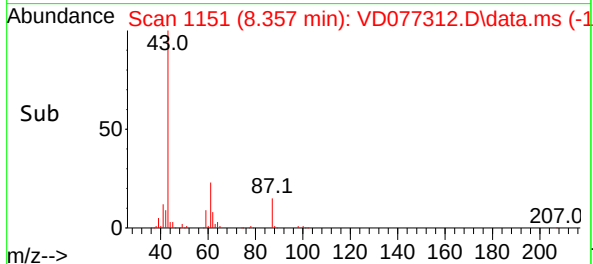
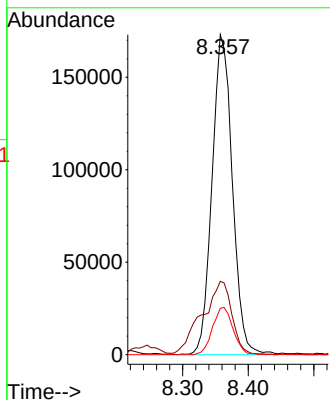
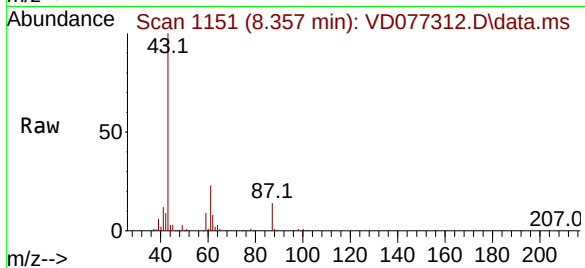
Tgt Ion: 43 Resp: 37224

Ion	Ratio	Lower	Upper
43	100		
61	33.7	31.4	47.0
87	14.9	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#44

Trichloroethene

Concen: 103.769 ug/l

RT: 9.028 min Scan# 1265

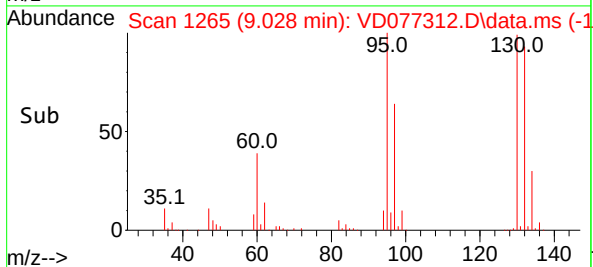
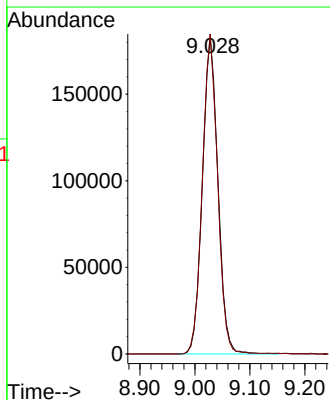
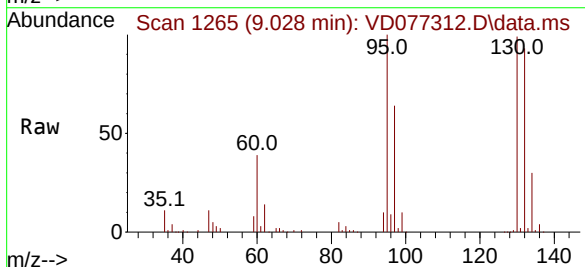
Delta R.T. 0.000 min

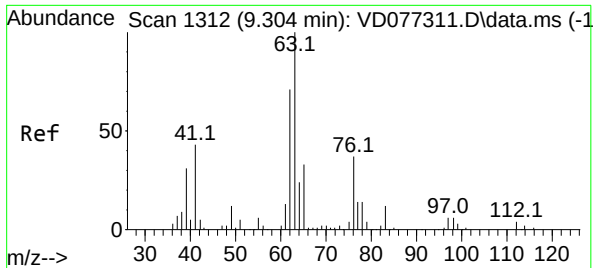
Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Tgt Ion:130 Resp: 359269

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	179.2





#45

1,2-Dichloropropane

Concen: 103.370 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 375619

Ion Ratio Lower Upper

63 100

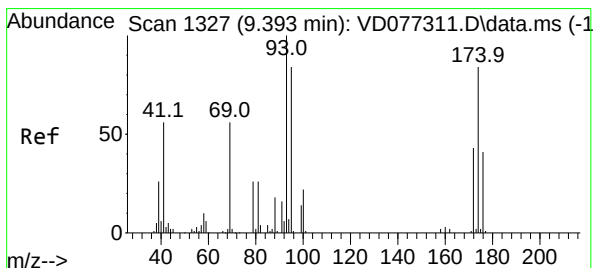
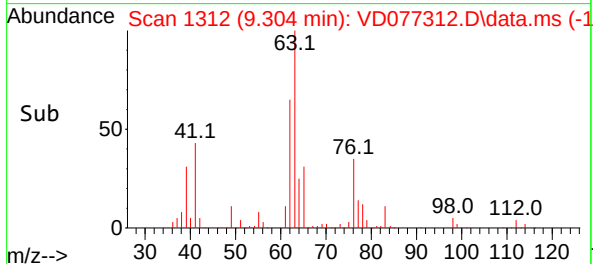
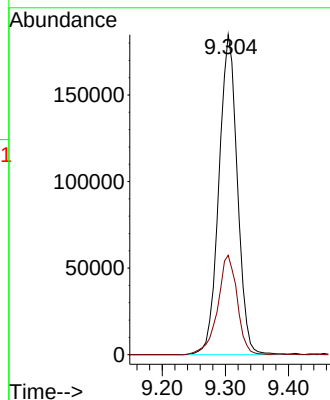
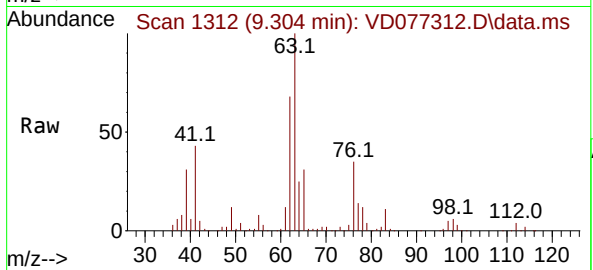
65 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#46

Dibromomethane

Concen: 102.988 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

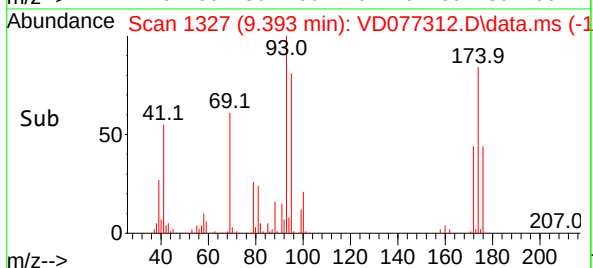
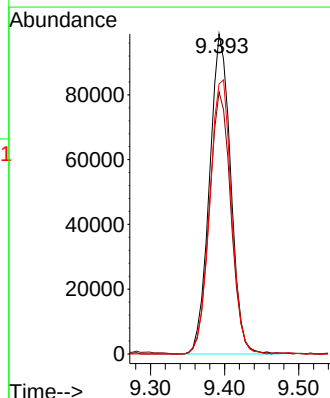
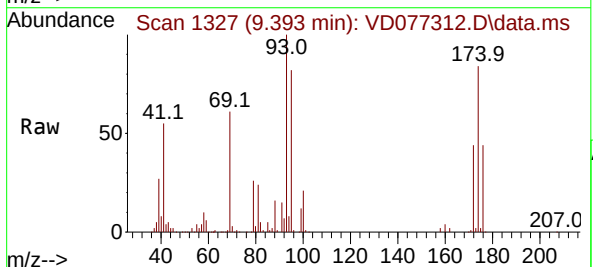
Tgt Ion: 93 Resp: 196154

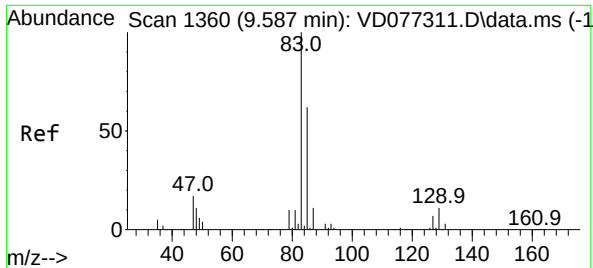
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 87.3 85.4 128.2





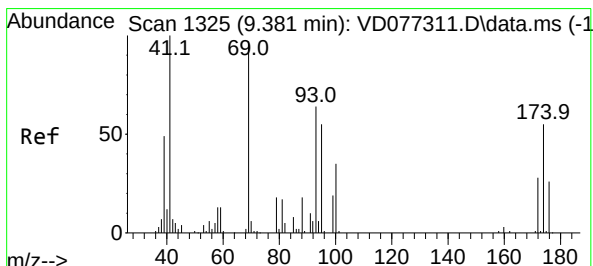
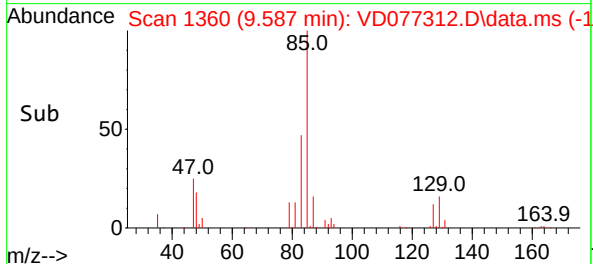
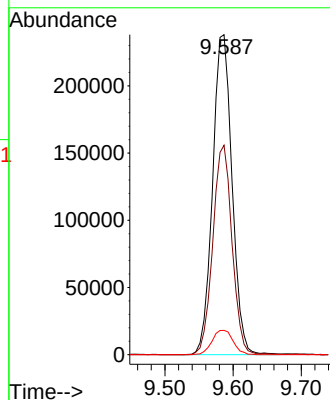
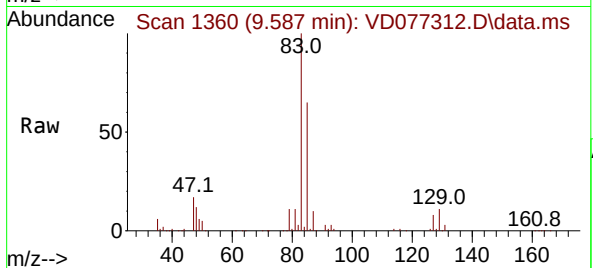
#47
Bromodichloromethane
Concen: 101.252 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 472815
Ion Ratio Lower Upper
83 100
85 65.5 50.2 75.4
127 7.6 6.3 9.5

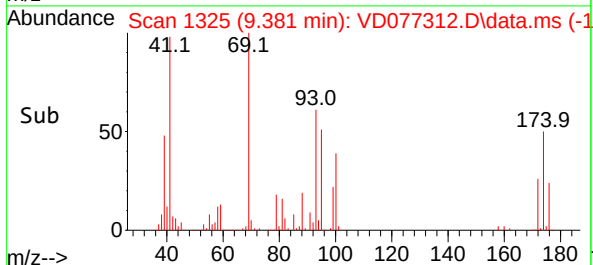
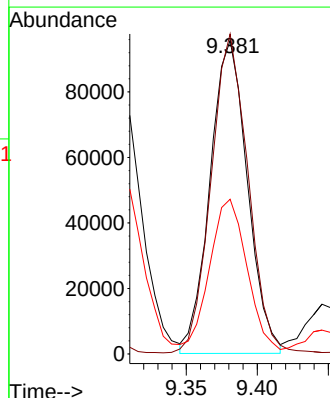
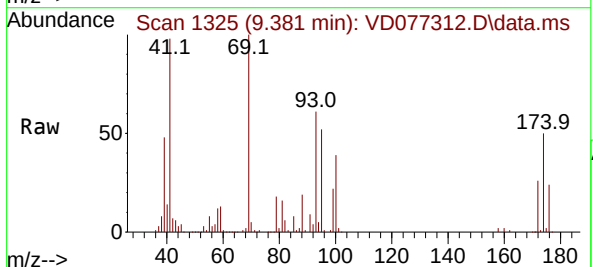
Manual Integrations
APPROVED

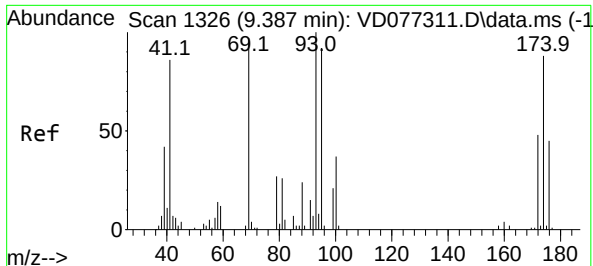
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#48
Methyl methacrylate
Concen: 111.323 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion: 41 Resp: 174596
Ion Ratio Lower Upper
41 100
69 101.7 102.2 153.2#
39 47.2 41.4 62.2





#49

1,4-Dioxane

Concen: 2065.616 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 4109

Ion Ratio Lower Upper

88 100

43 28.5 19.0 28.6

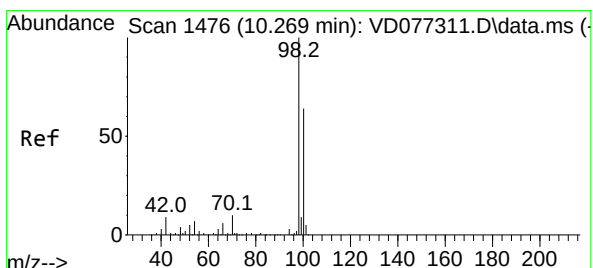
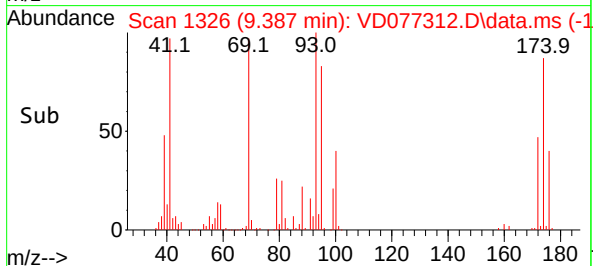
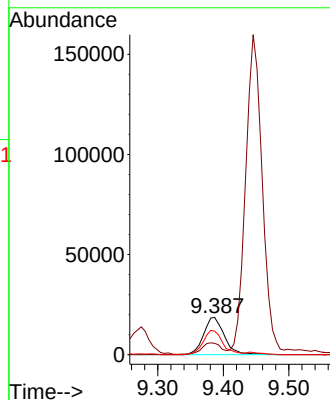
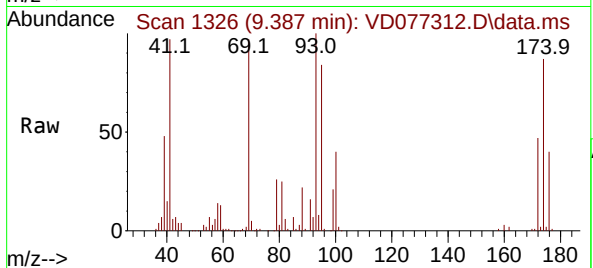
58 61.7 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#50

Toluene-d8

Concen: 102.211 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077312.D

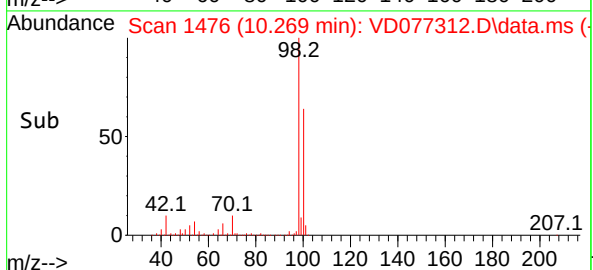
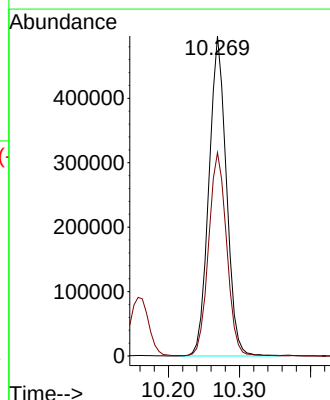
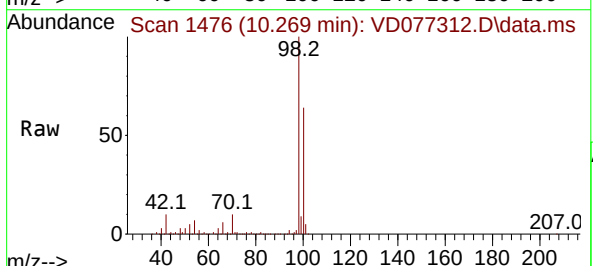
Acq: 11 Oct 2023 18:06

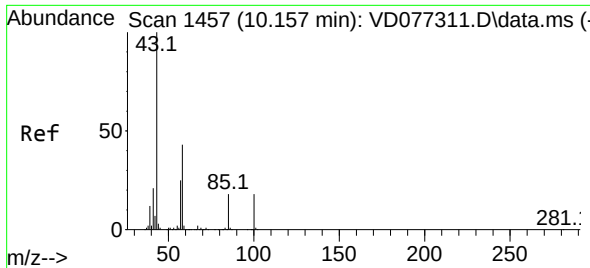
Tgt Ion: 98 Resp: 848907

Ion Ratio Lower Upper

98 100

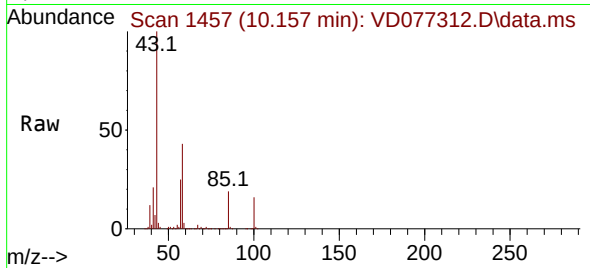
100 65.5 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 549.977 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

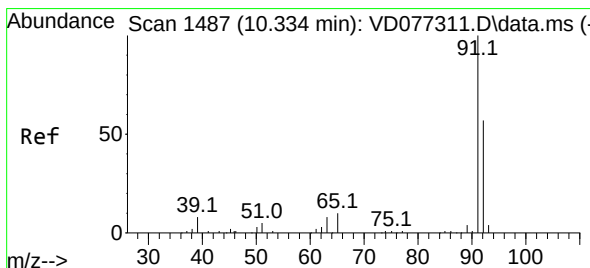
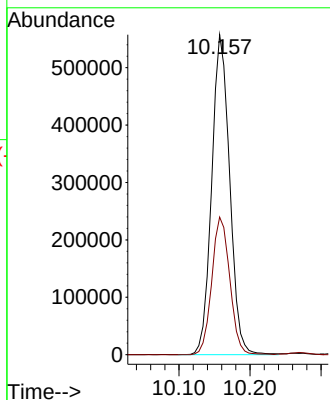
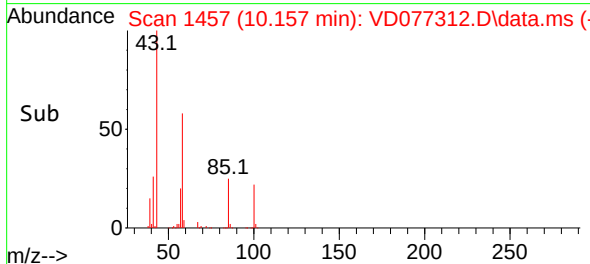
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



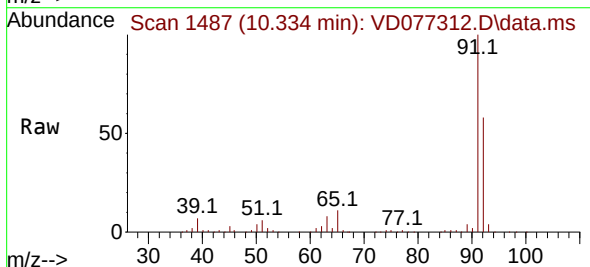
Tgt Ion: 43 Resp: 978640
Ion Ratio Lower Upper
43 100
58 43.1 38.9 58.3

Manual Integrations
APPROVED

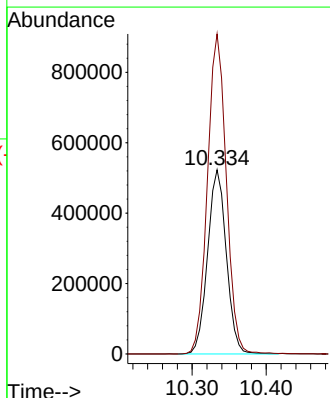
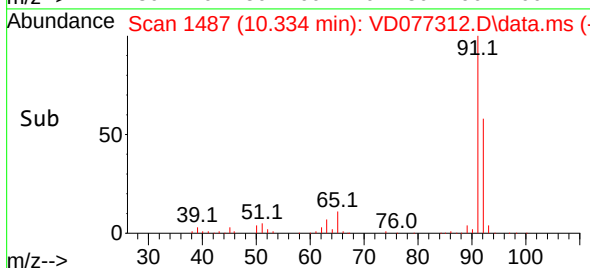
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

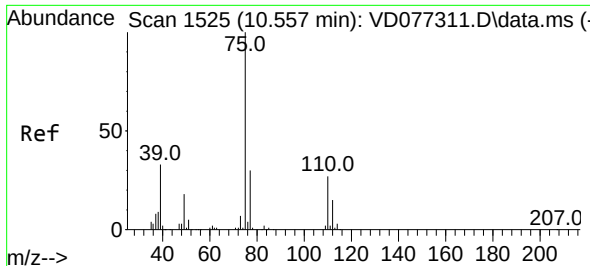


#52
Toluene
Concen: 106.524 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



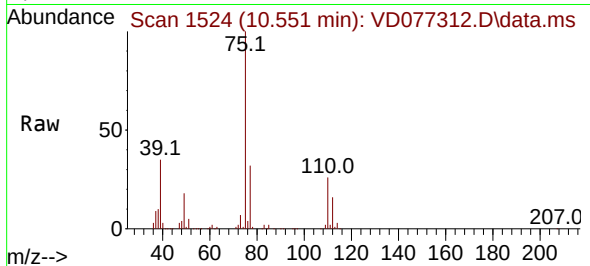
Tgt Ion: 92 Resp: 918531
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 108.158 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

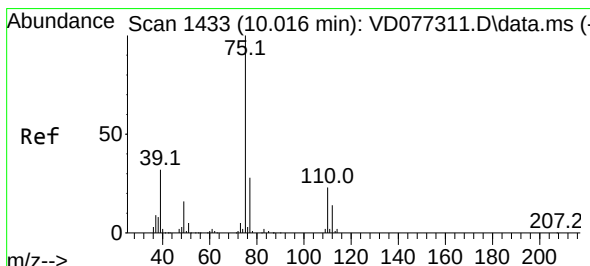
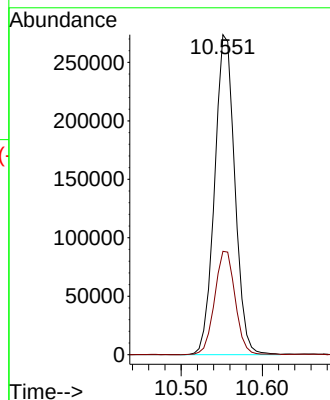
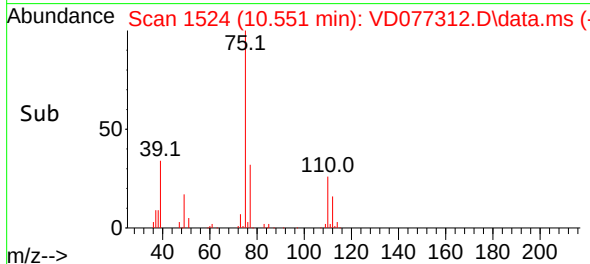
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 473564
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

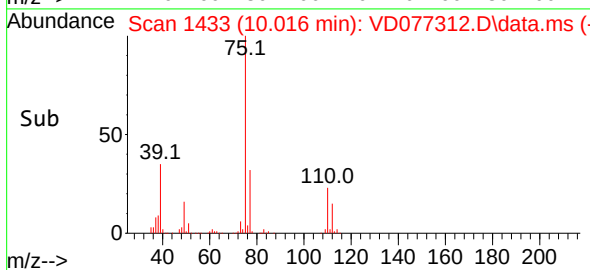
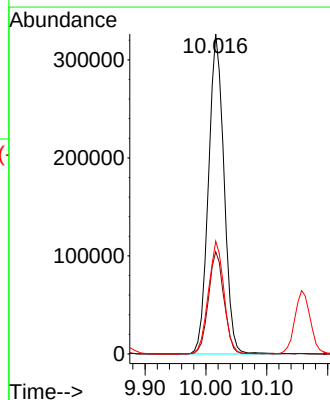
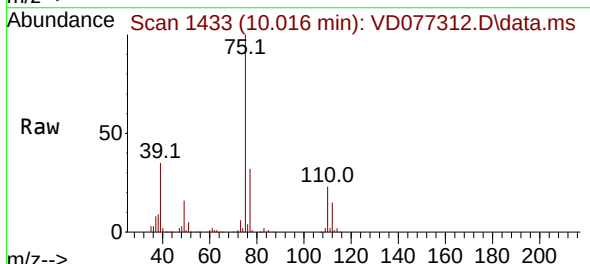
Manual Integrations
APPROVED

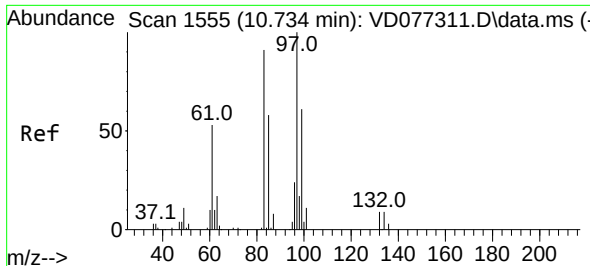
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#54
cis-1,3-Dichloropropene
Concen: 106.701 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

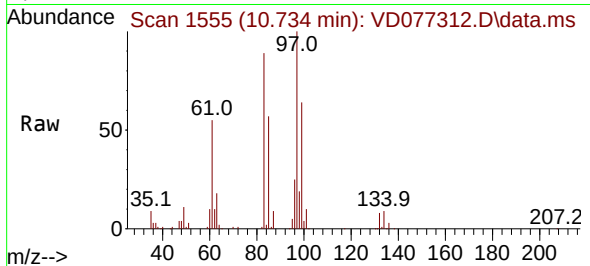
Tgt Ion: 75 Resp: 579370
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 35.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 104.391 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

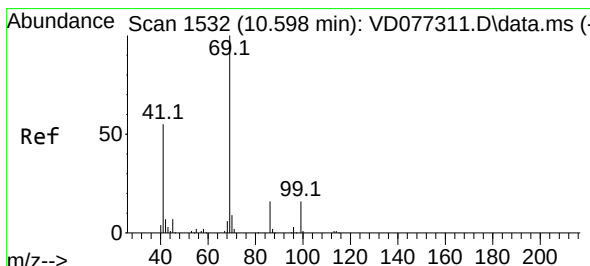
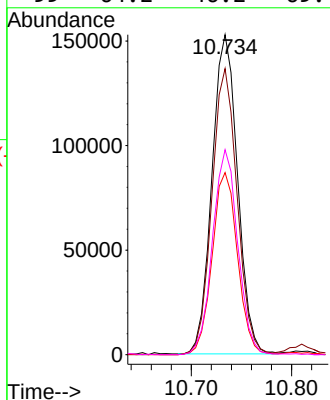
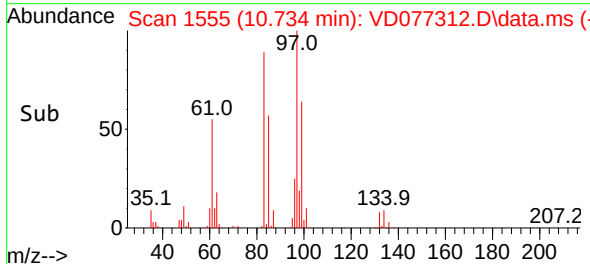
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion:	97	Resp:	27023
Ion	Ratio	Lower	Upper
97	100		
83	89.6	65.8	98.6
85	57.0	45.7	68.5
99	64.2	46.2	69.4

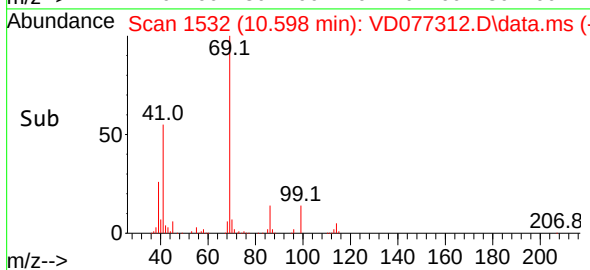
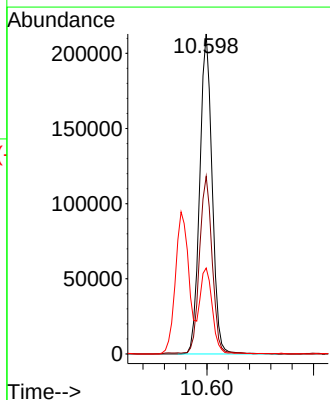
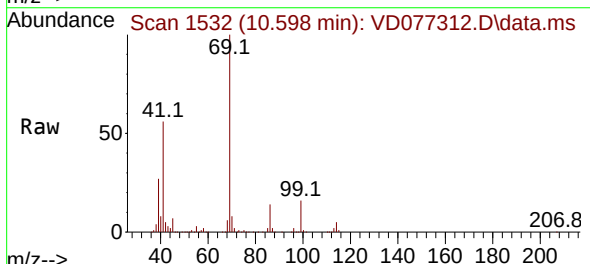
Manual Integrations
APPROVED

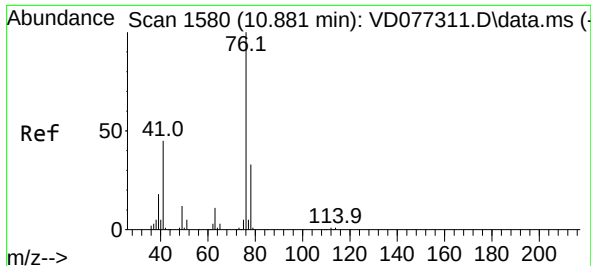
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#56
Ethyl methacrylate
Concen: 101.868 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:	69	Resp:	343017
Ion	Ratio	Lower	Upper
69	100		
41	56.3	39.1	58.7
39	25.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 104.329 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 466368

Ion Ratio Lower Upper

76 100

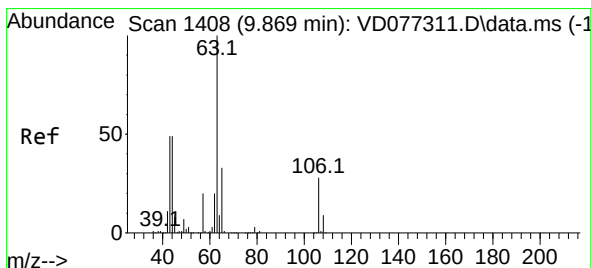
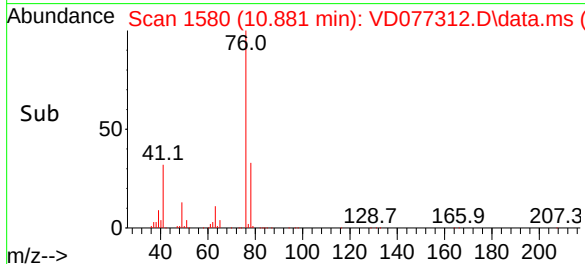
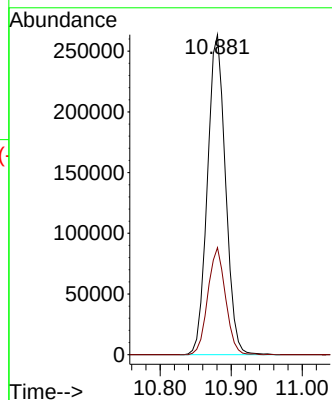
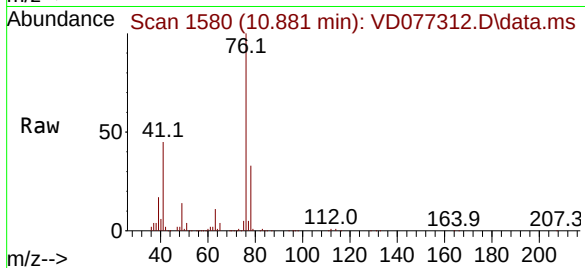
78 32.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 502.217 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077312.D

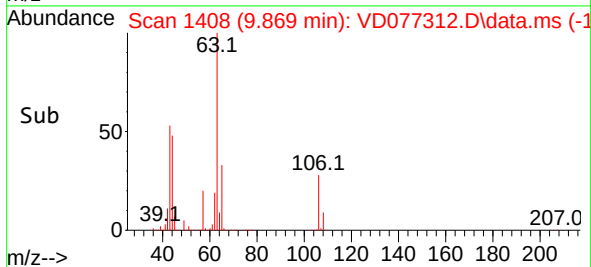
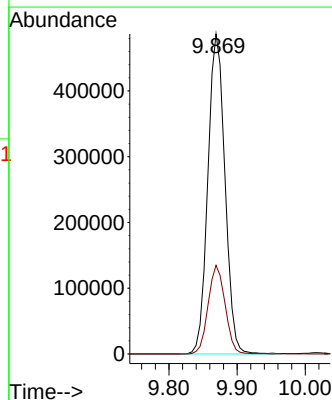
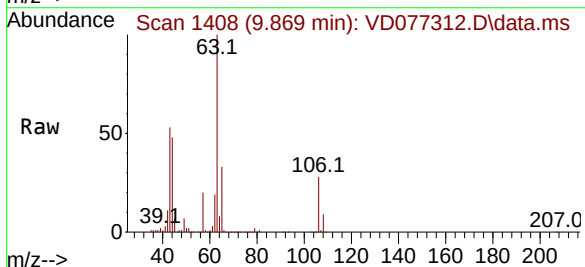
Acq: 11 Oct 2023 18:06

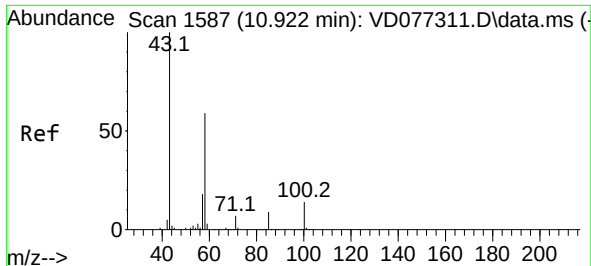
Tgt Ion: 63 Resp: 848167

Ion Ratio Lower Upper

63 100

106 27.5 25.3 37.9





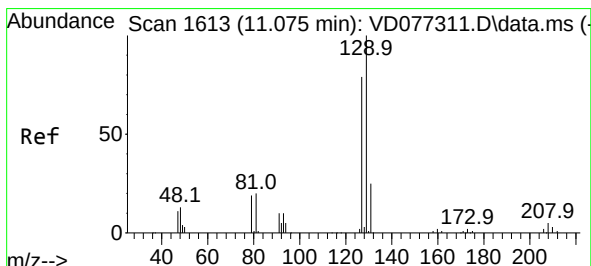
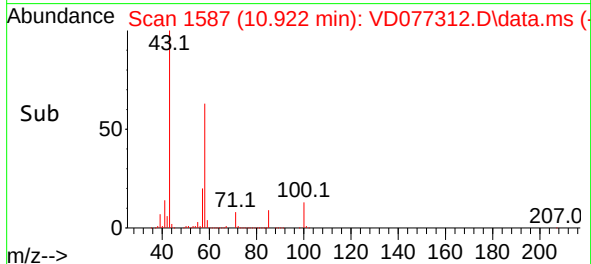
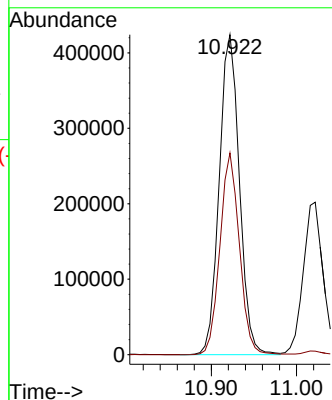
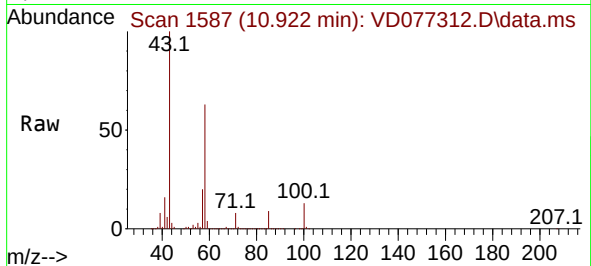
#59
2-Hexanone
Concen: 554.985 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 69840
Ion Ratio Lower Upper
43 100
58 60.8 34.1 102.2

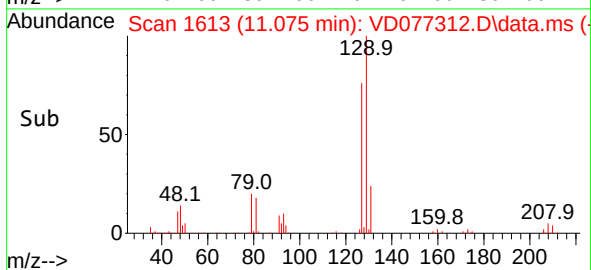
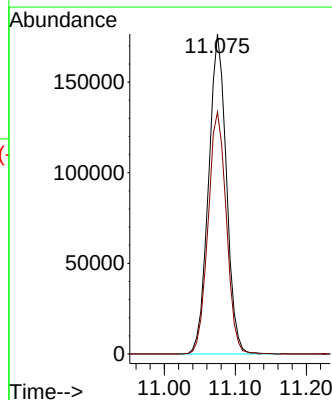
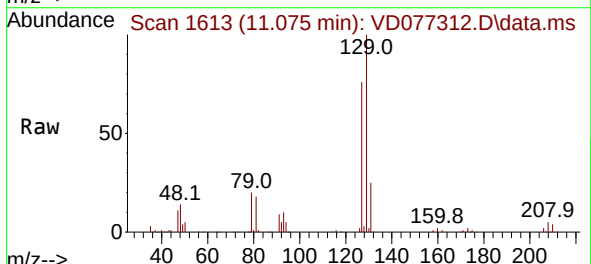
Manual Integrations
APPROVED

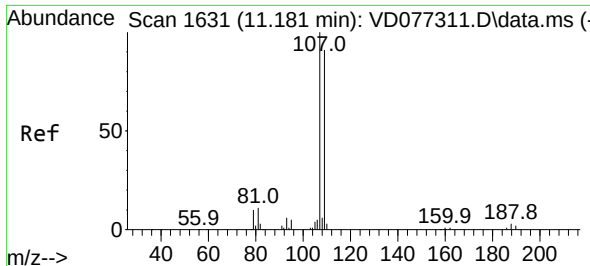
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#60
Dibromochloromethane
Concen: 104.232 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

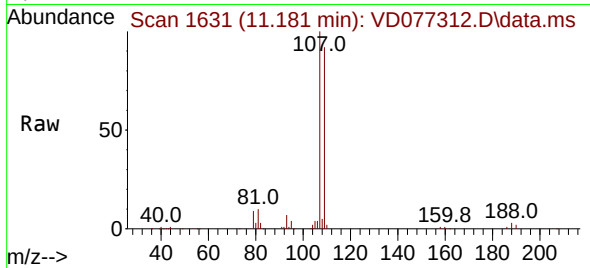
Tgt Ion:129 Resp: 308176
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 106.854 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

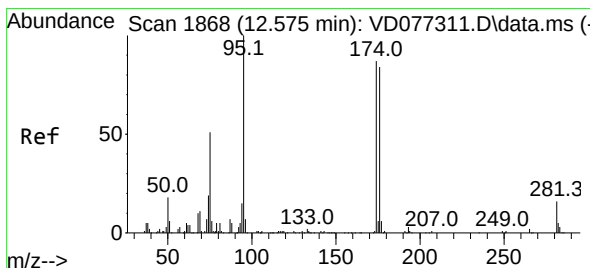
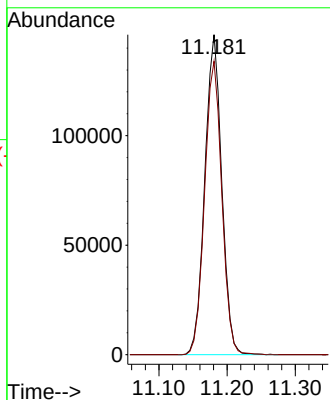
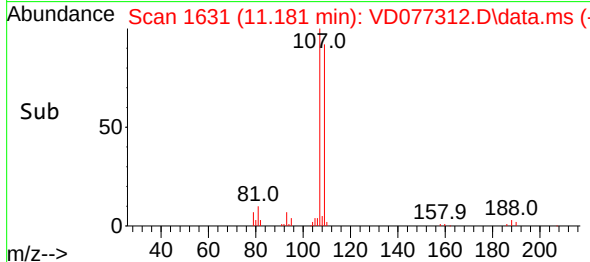
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



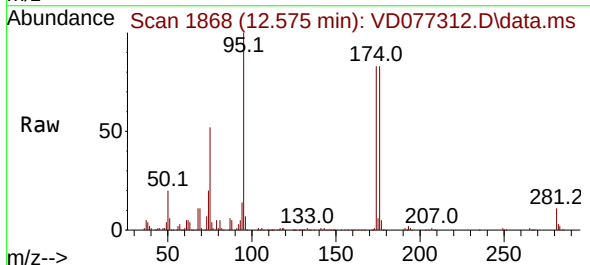
Tgt Ion:107 Resp: 25249
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
APPROVED

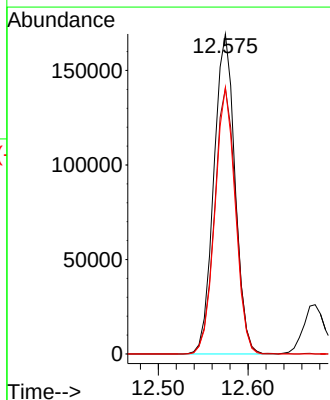
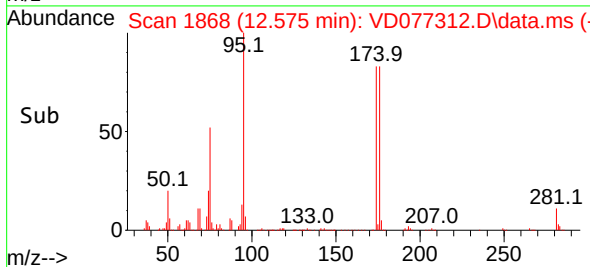
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

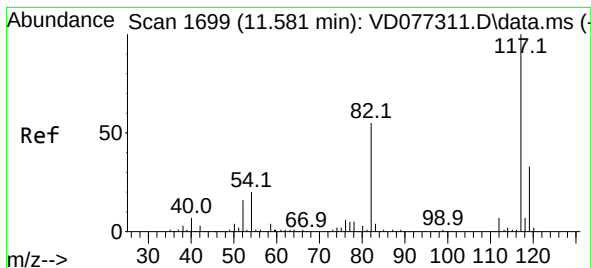


#62
4-Bromofluorobenzene
Concen: 99.209 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



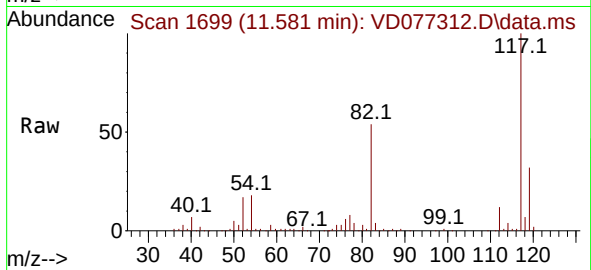
Tgt Ion: 95 Resp: 276741
Ion Ratio Lower Upper
95 100
174 83.6 0.0 201.8
176 80.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

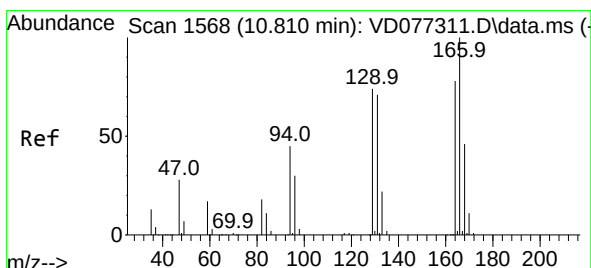
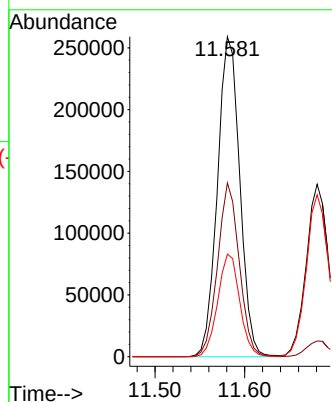
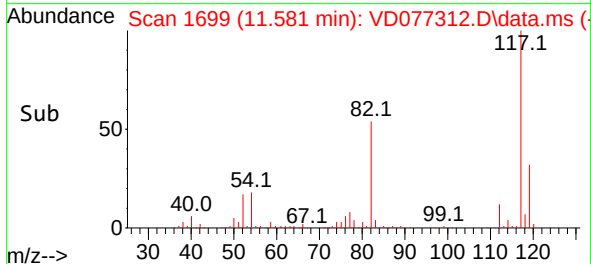
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



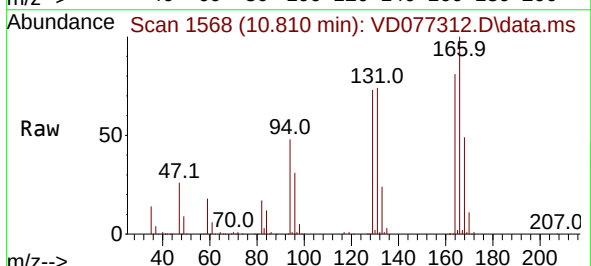
Tgt Ion:117 Resp: 44780
Ion Ratio Lower Upper
117 100
82 54.3 38.3 57.5
119 32.1 25.0 37.4

Manual Integrations
APPROVED

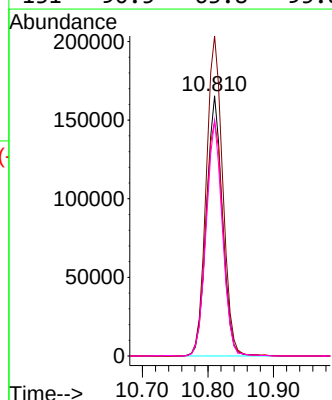
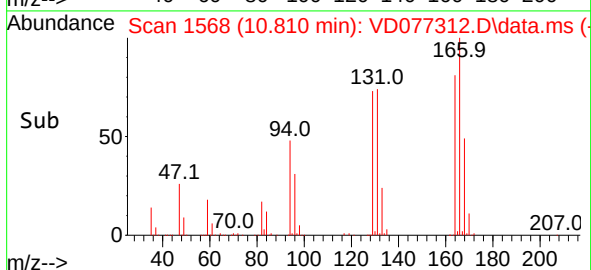
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

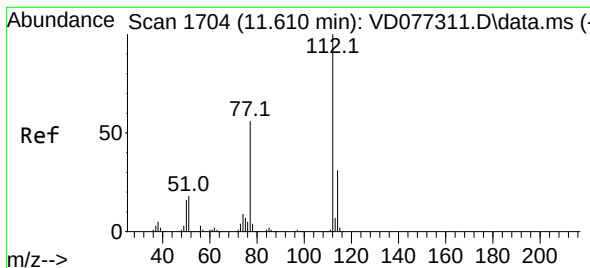


#64
Tetrachloroethene
Concen: 98.887 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



Tgt Ion:164 Resp: 282695
Ion Ratio Lower Upper
164 100
166 123.0 99.2 148.8
129 90.2 68.4 102.6
131 90.5 63.8 95.8





#65

Chlorobenzene

Concen: 100.501 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:112 Resp: 935950

Ion Ratio Lower Upper

112 100

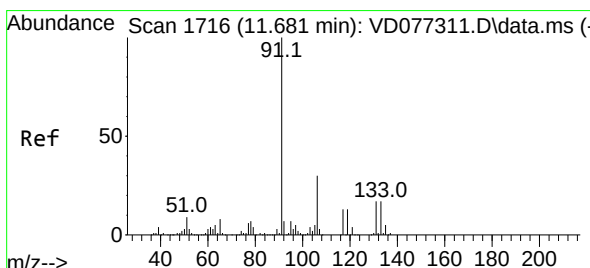
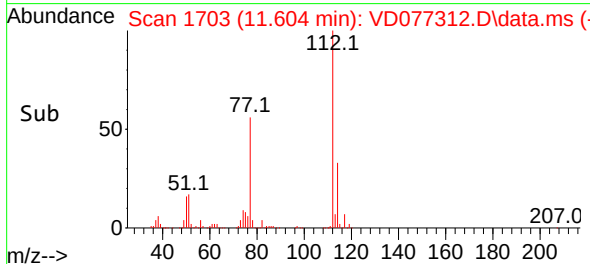
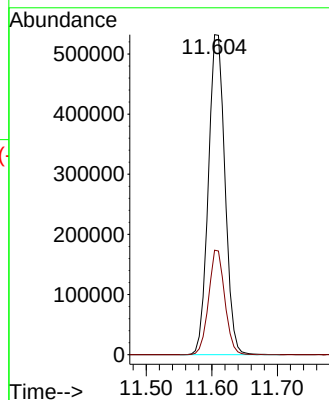
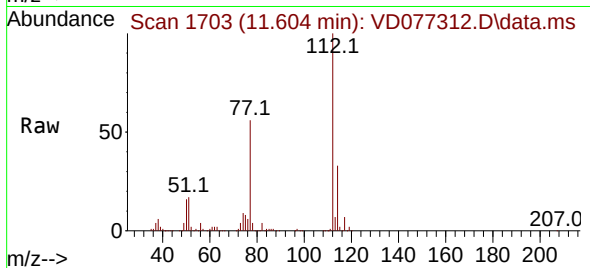
114 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 101.510 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

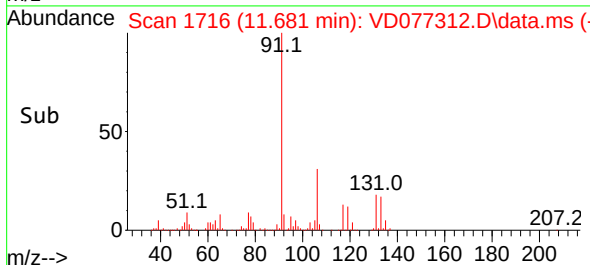
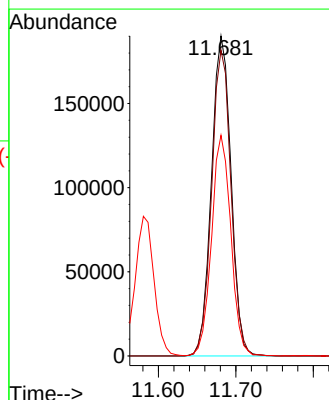
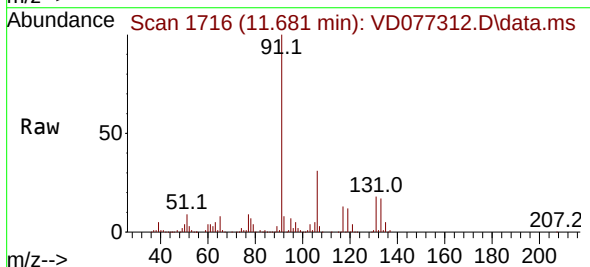
Tgt Ion:131 Resp: 333451

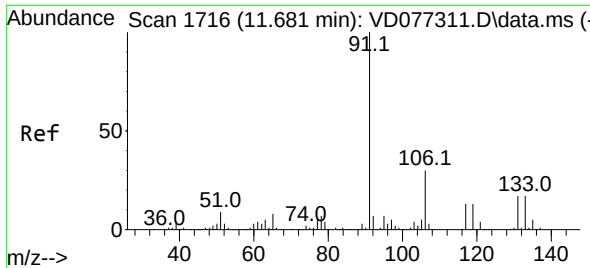
Ion Ratio Lower Upper

131 100

133 94.7 48.5 145.5

119 68.2 35.6 106.9





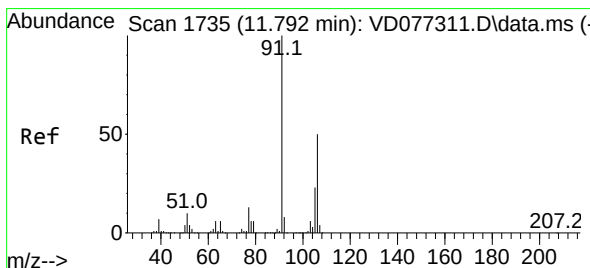
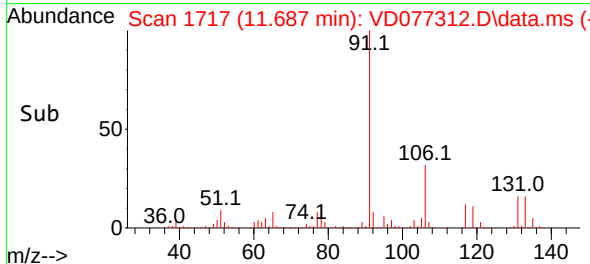
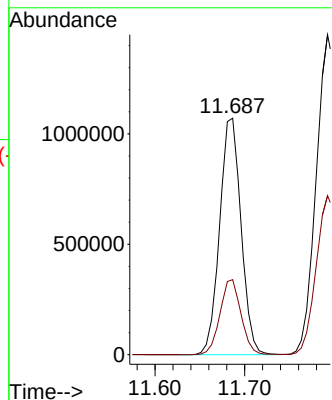
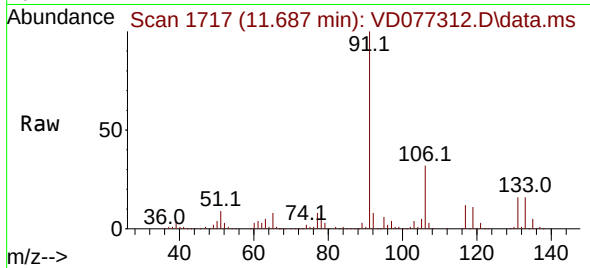
#67
Ethyl Benzene
Concen: 106.843 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1775659
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7

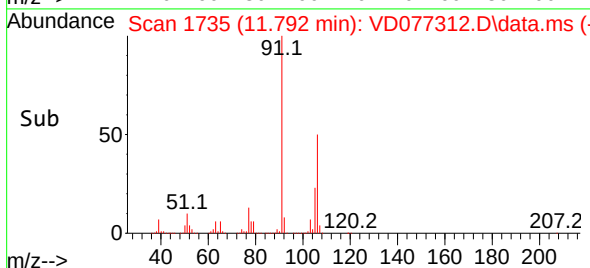
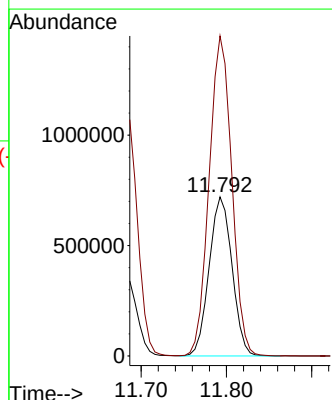
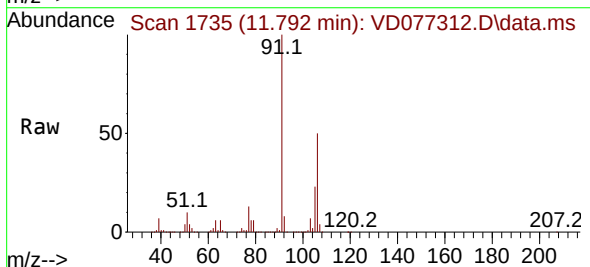
Manual Integrations
APPROVED

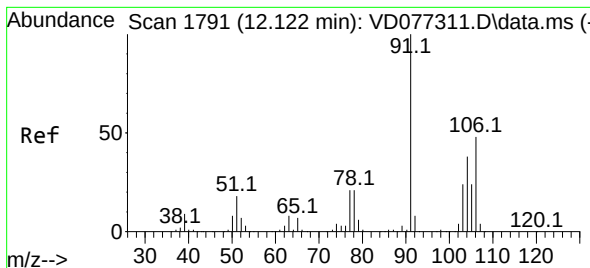
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#68
m/p-Xylenes
Concen: 209.949 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:106 Resp: 1342874
Ion Ratio Lower Upper
106 100
91 199.5 147.0 220.6





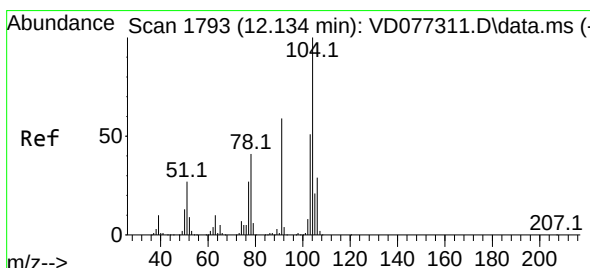
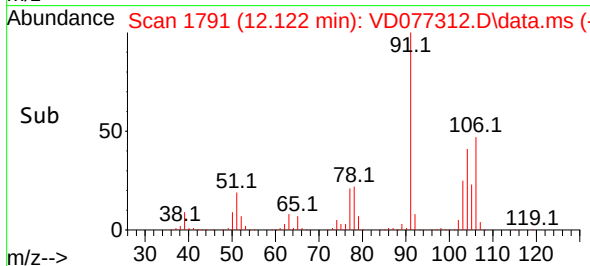
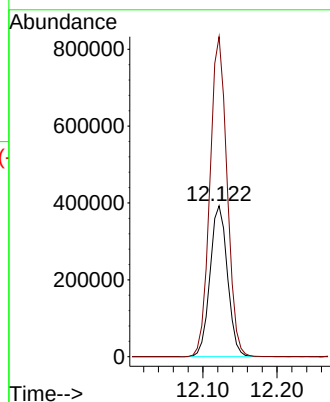
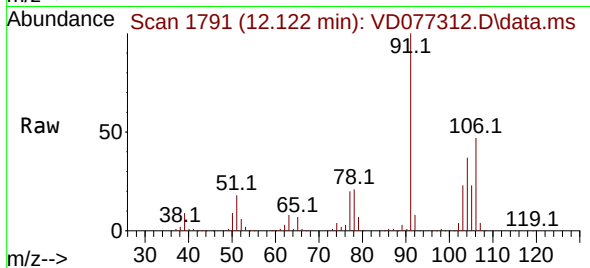
#69
o-Xylene
Concen: 108.337 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 641384
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6

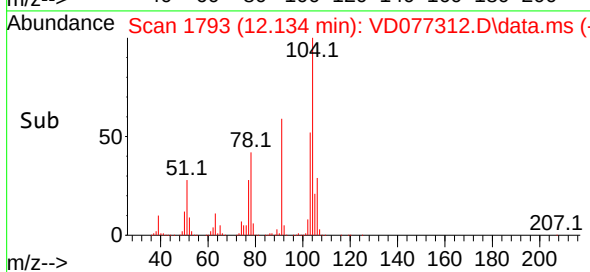
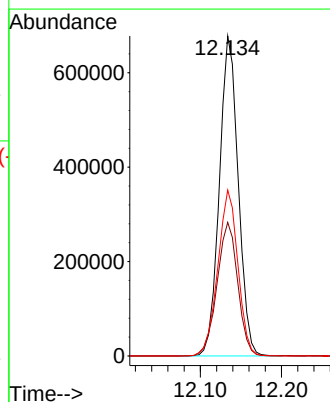
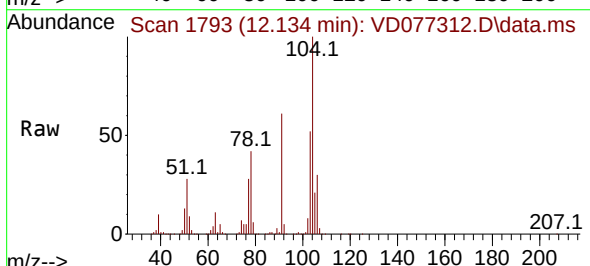
Manual Integrations
APPROVED

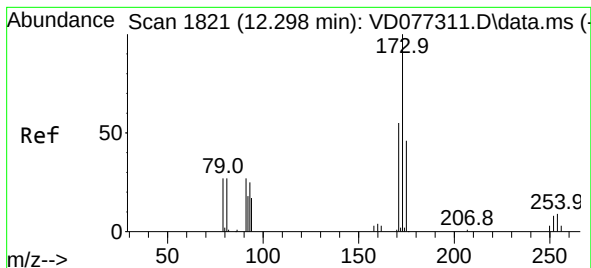
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#70
Styrene
Concen: 106.812 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:104 Resp: 1095717
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.2 43.6 65.4





#71

Bromoform

Concen: 101.913 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 169919

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

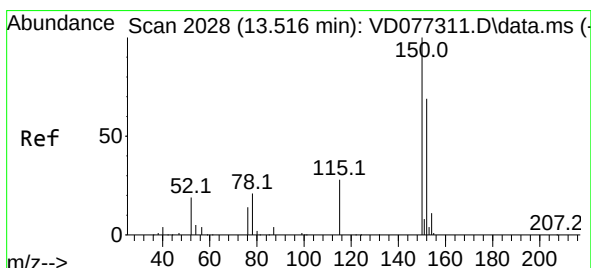
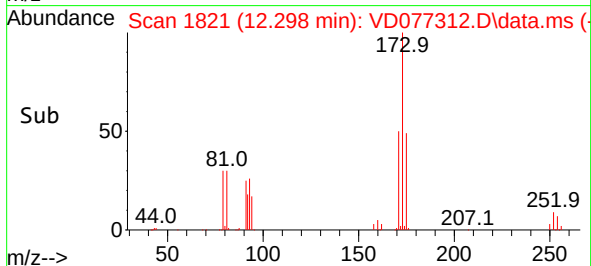
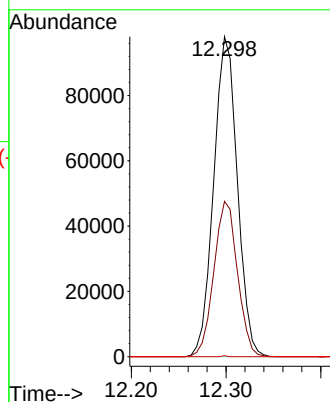
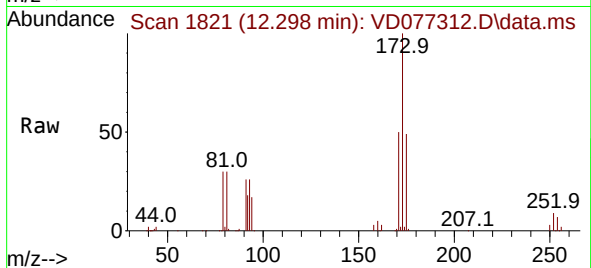
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

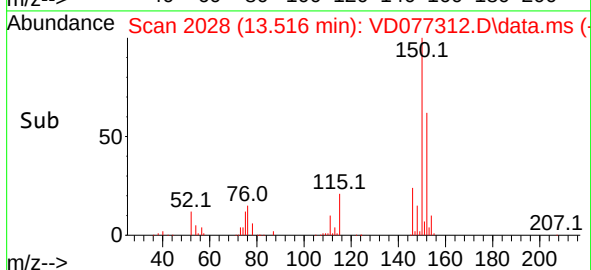
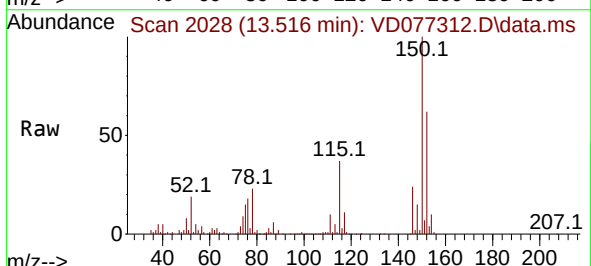
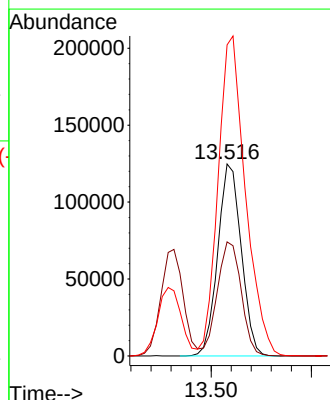
Tgt Ion:152 Resp: 202582

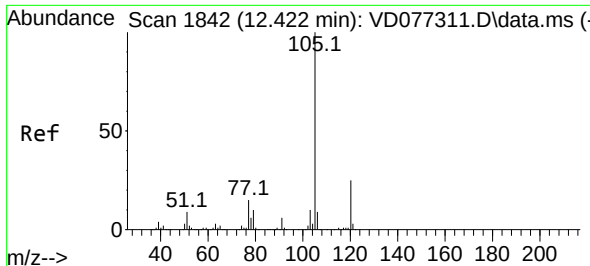
Ion Ratio Lower Upper

152 100

115 61.0 27.1 81.3

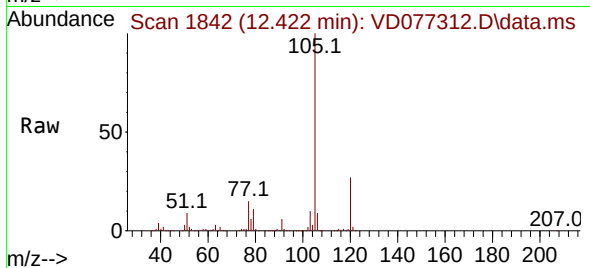
150 194.3 0.0 353.6





#73
Isopropylbenzene
Concen: 108.059 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

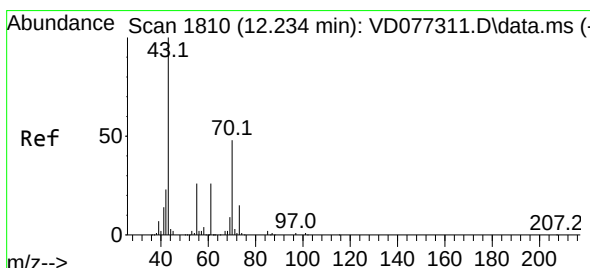
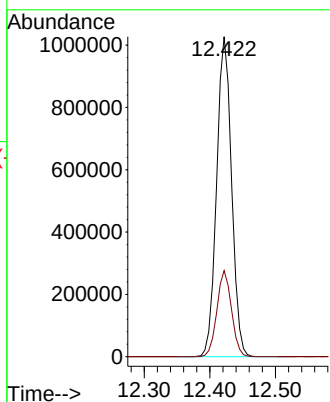
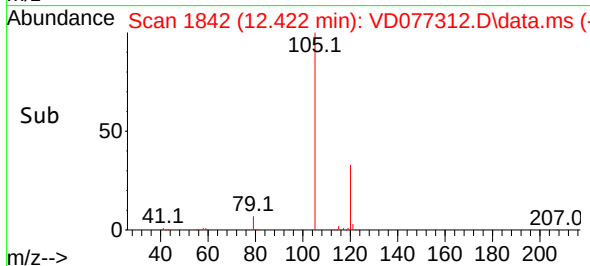
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 161675
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9

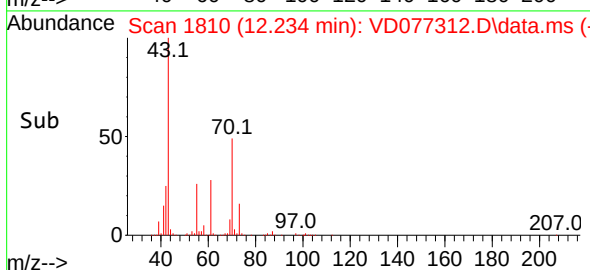
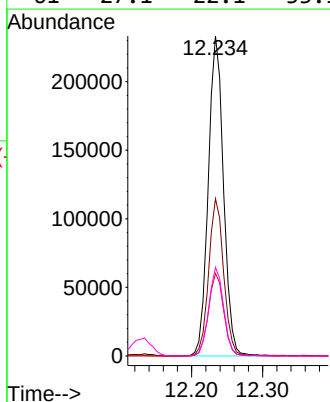
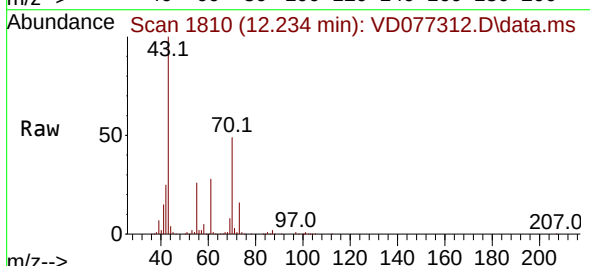
Manual Integrations
APPROVED

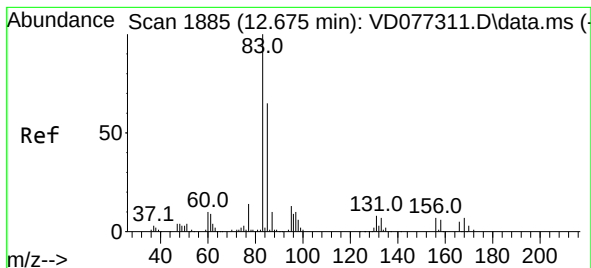
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#74
N-ethyl acetate
Concen: 110.734 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

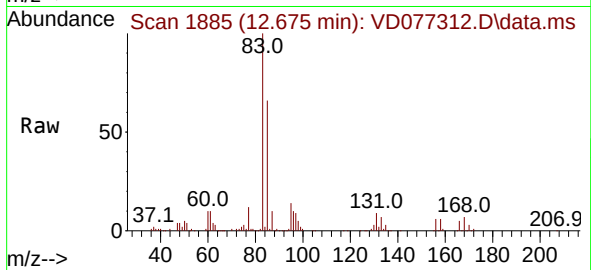
Tgt Ion: 43 Resp: 348374
Ion Ratio Lower Upper
43 100
70 48.4 45.0 67.4
55 25.9 23.8 35.6
61 27.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 103.379 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

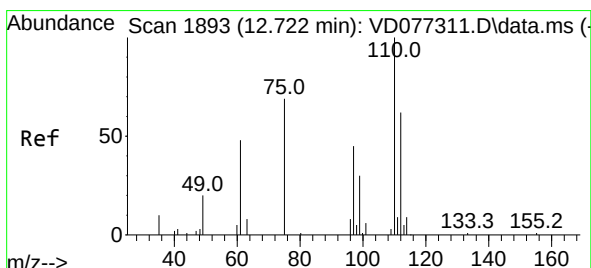
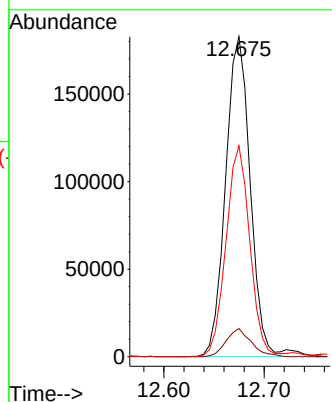
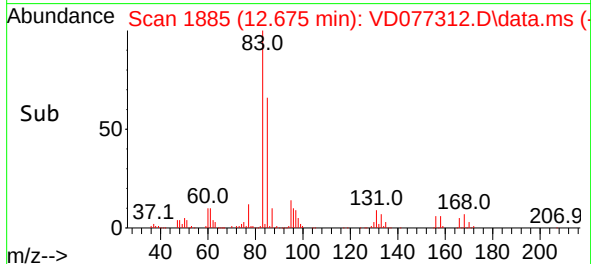
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



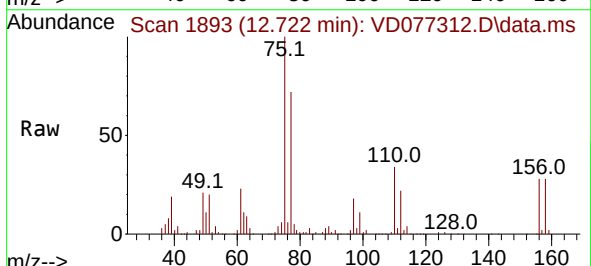
Tgt Ion: 83 Resp: 310392
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 63.9 32.6 97.8

Manual Integrations
APPROVED

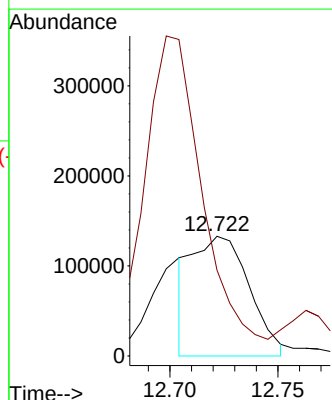
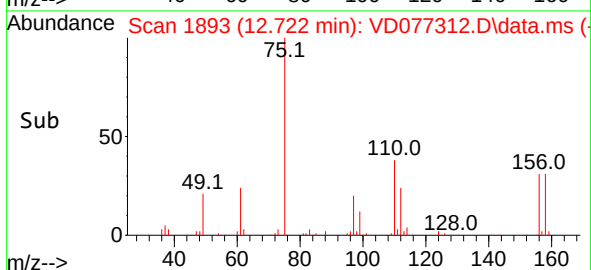
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

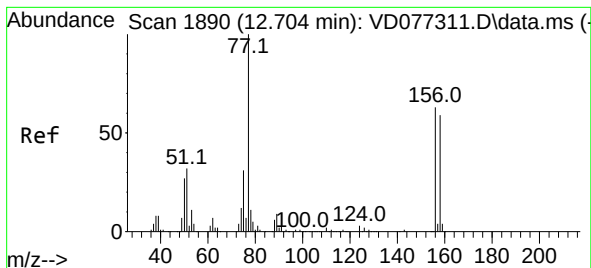


#76
1,2,3-Trichloropropane
Concen: 109.659 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



Tgt Ion: 75 Resp: 244067
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.779 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

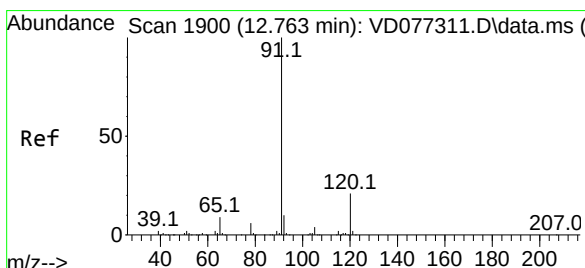
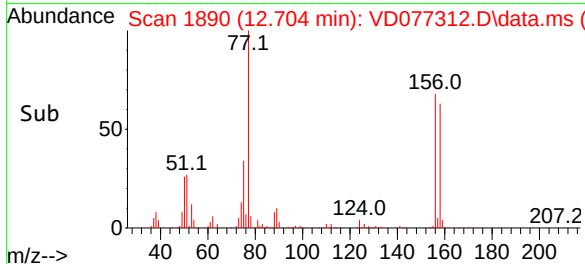
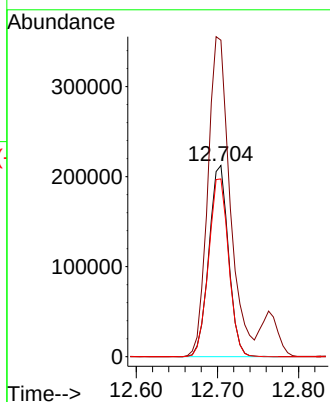
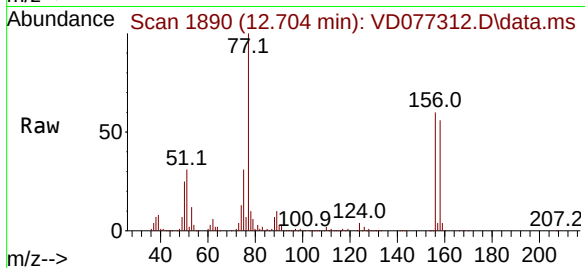
VSTDICC100

Tgt Ion:156 Resp: 35523
 Ion Ratio Lower Upper
 156 100
 77 189.5 76.8 230.4
 158 95.6 48.6 145.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#78

n-propylbenzene

Concen: 105.880 ug/l

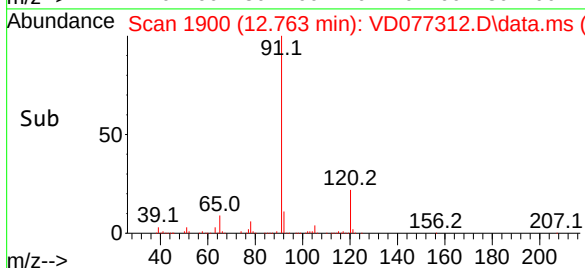
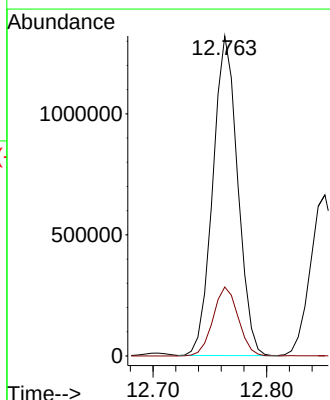
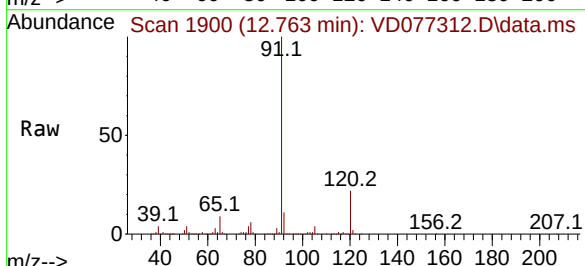
RT: 12.763 min Scan# 1900

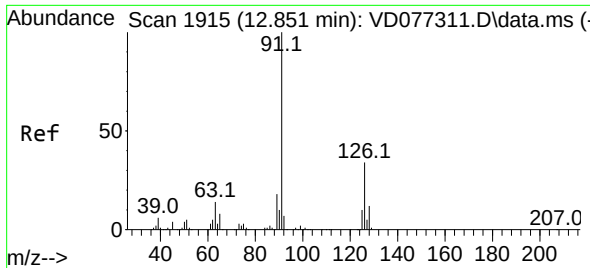
Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Tgt Ion: 91 Resp: 2008654
 Ion Ratio Lower Upper
 91 100
 120 21.8 12.4 37.2





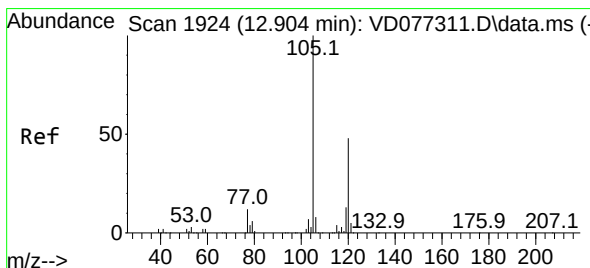
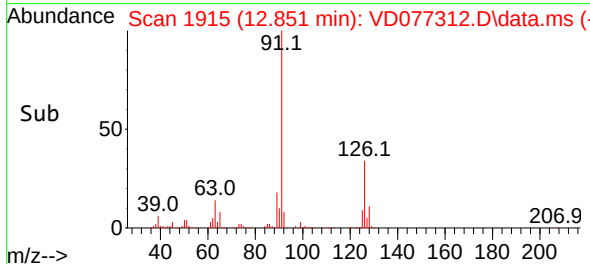
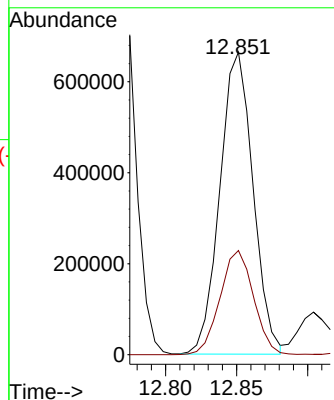
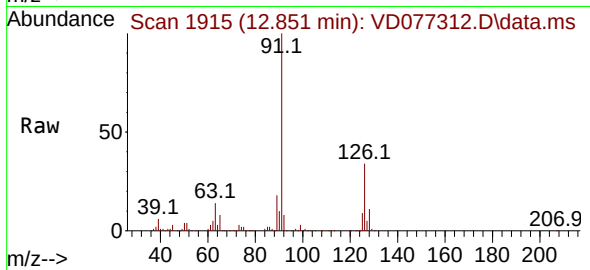
#79
2-Chlorotoluene
Concen: 105.474 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1078780
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.1

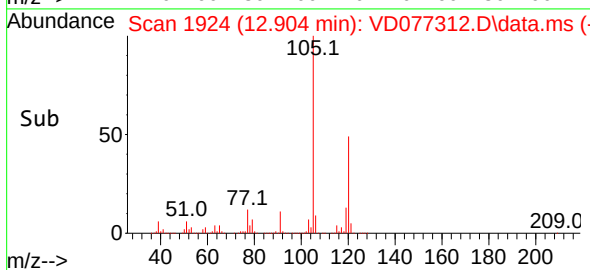
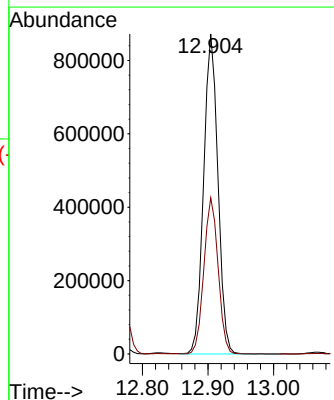
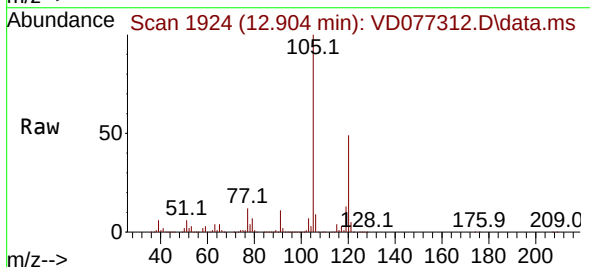
Manual Integrations
APPROVED

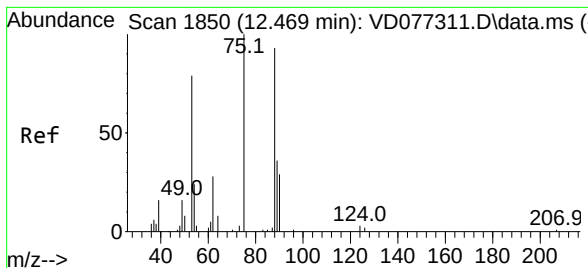
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 106.026 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

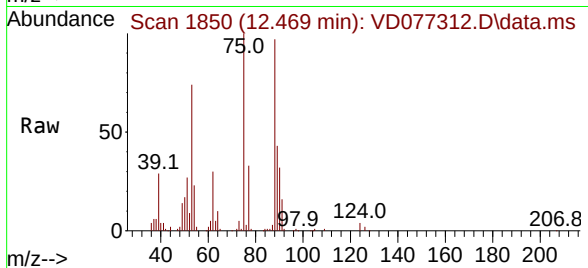
Tgt Ion:105 Resp: 1321866
Ion Ratio Lower Upper
105 100
120 48.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 105.919 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

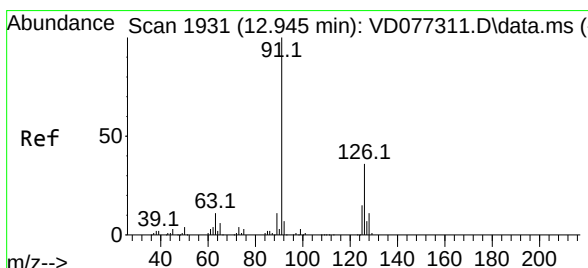
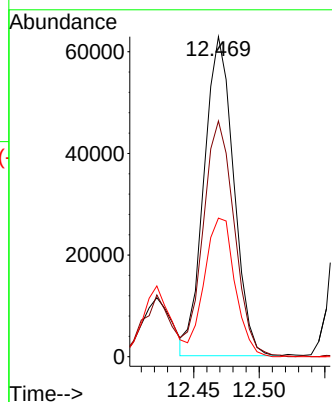
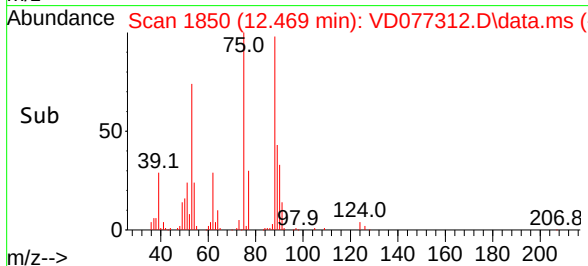
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 9887
Ion Ratio Lower Upper
75 100
53 77.7 63.0 94.4
89 44.6 37.9 56.9

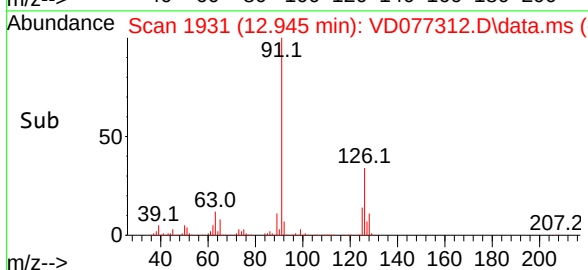
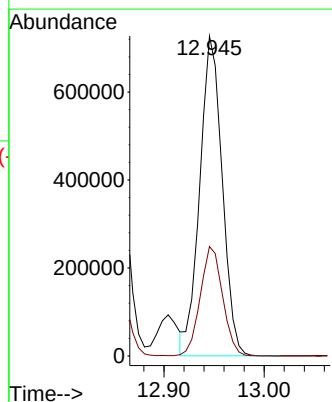
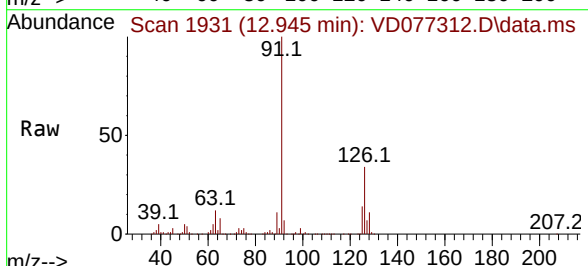
Manual Integrations
APPROVED

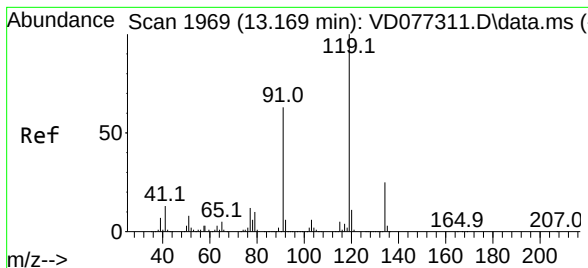
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#82
4-Chlorotoluene
Concen: 104.573 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

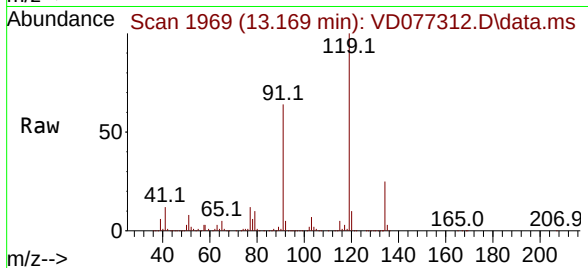
Tgt Ion: 91 Resp: 1129977
Ion Ratio Lower Upper
91 100
126 34.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 106.102 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

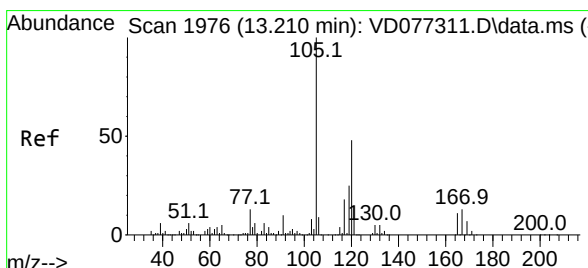
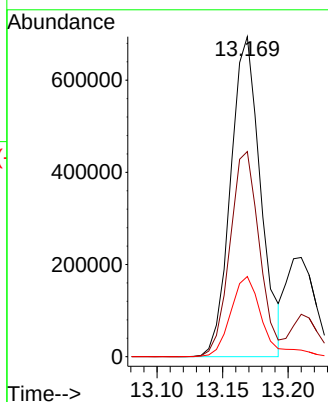
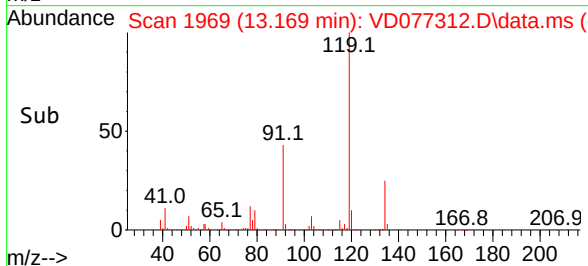
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



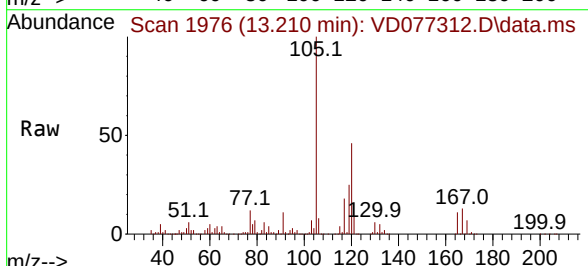
Tgt Ion:119 Resp: 1104962
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 26.7 14.1 42.3

Manual Integrations
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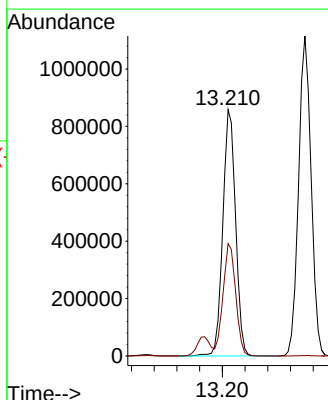
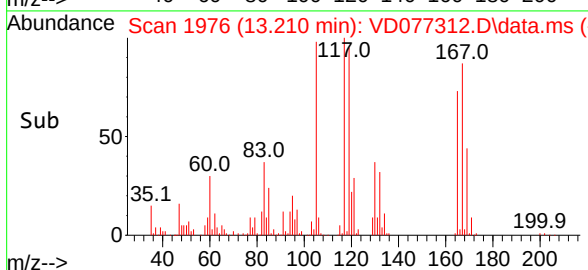
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

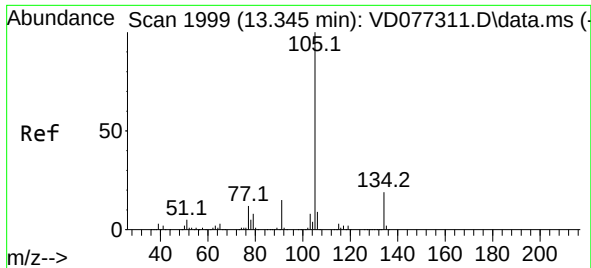


#84
1,2,4-Trimethylbenzene
Concen: 107.661 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06



Tgt Ion:105 Resp: 1344522
Ion Ratio Lower Upper
105 100
120 45.1 24.3 72.9





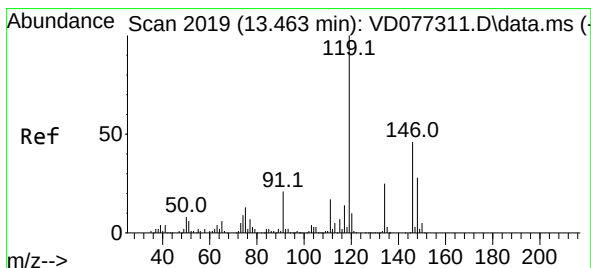
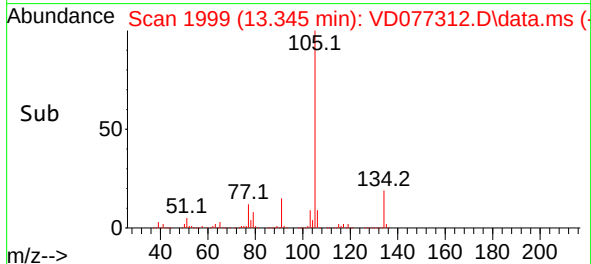
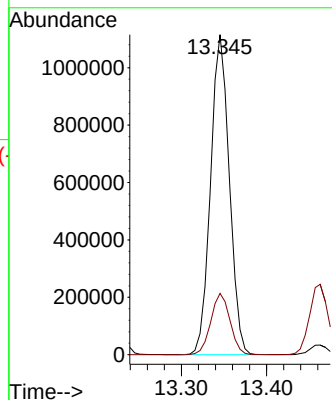
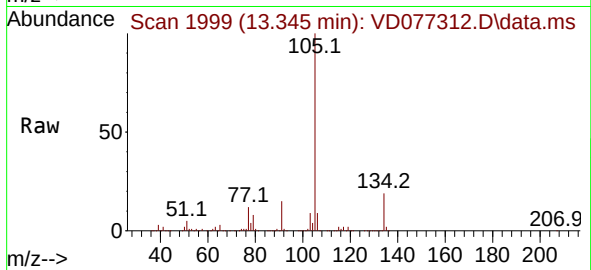
#85
 sec-Butylbenzene
 Concen: 105.063 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077312.D
 Acq: 11 Oct 2023 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1706239
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9

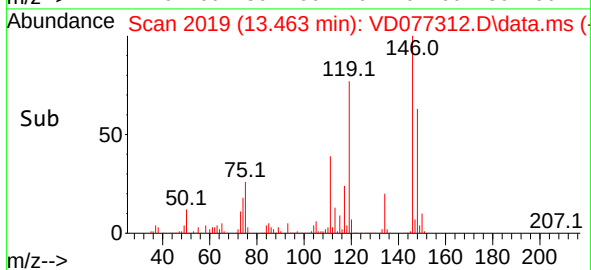
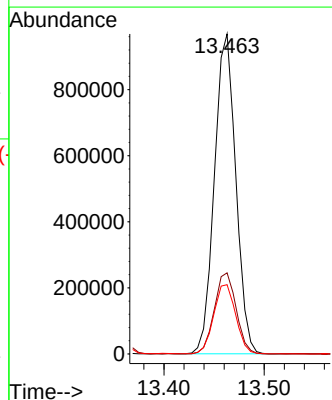
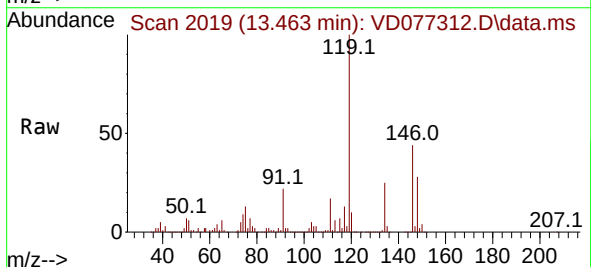
Manual Integrations
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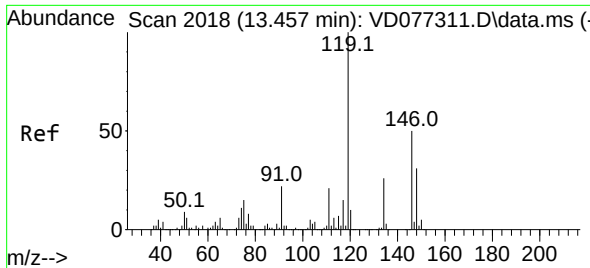
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#86
 p-Isopropyltoluene
 Concen: 107.084 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077312.D
 Acq: 11 Oct 2023 18:06

Tgt Ion:119 Resp: 1428781
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.6 10.5 31.5





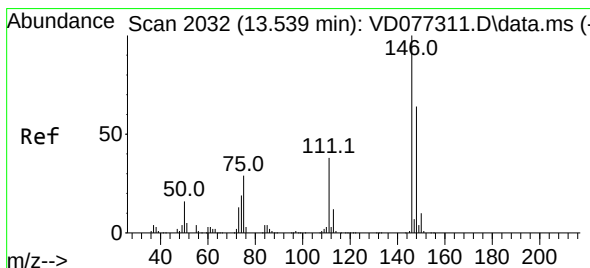
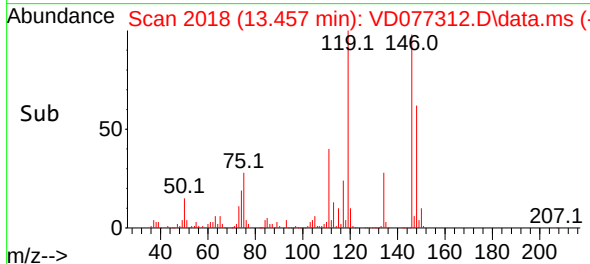
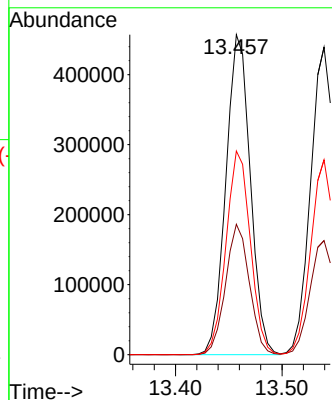
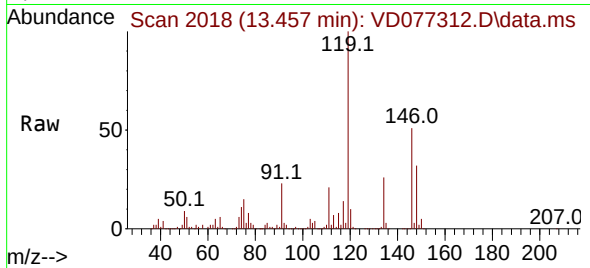
#87
1,3-Dichlorobenzene
Concen: 101.360 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 727642
Ion Ratio Lower Upper
146 100
111 39.8 17.9 53.8
148 63.6 32.3 96.8

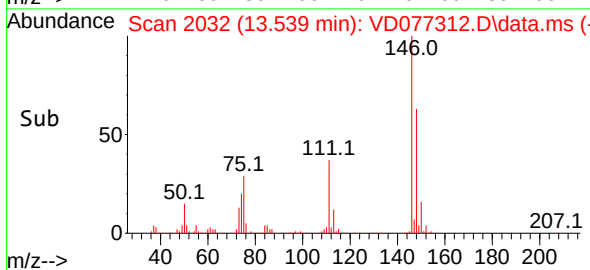
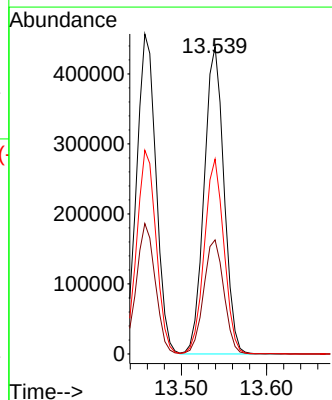
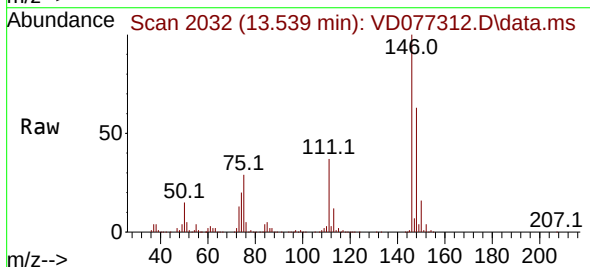
Manual Integrations
APPROVED

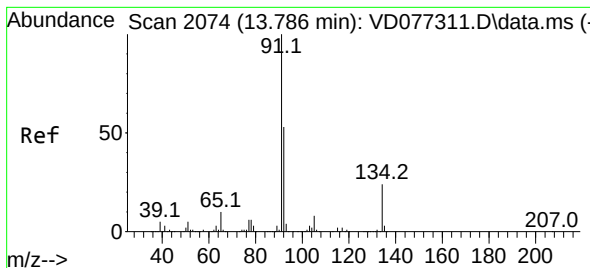
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#88
1,4-Dichlorobenzene
Concen: 100.177 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077312.D
Acq: 11 Oct 2023 18:06

Tgt Ion:146 Resp: 710354
Ion Ratio Lower Upper
146 100
111 37.7 17.4 52.3
148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 104.857 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 136786

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

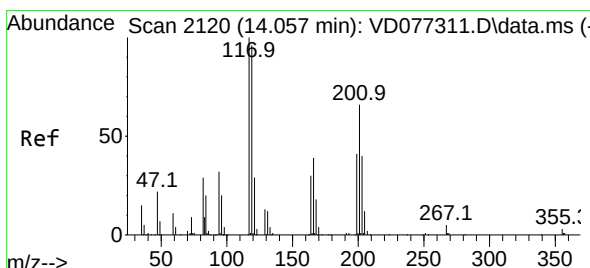
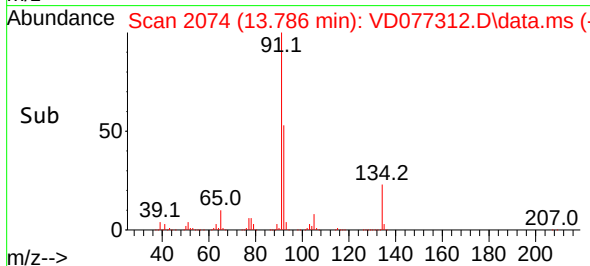
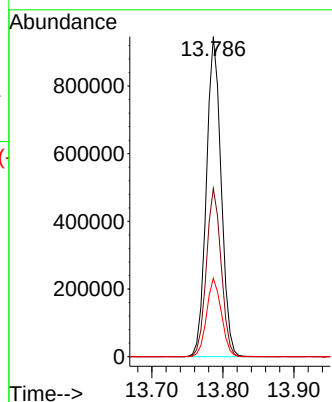
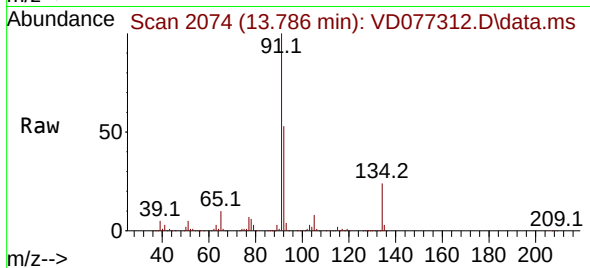
134 24.5 13.8 41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#90

Hexachloroethane

Concen: 100.063 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077312.D

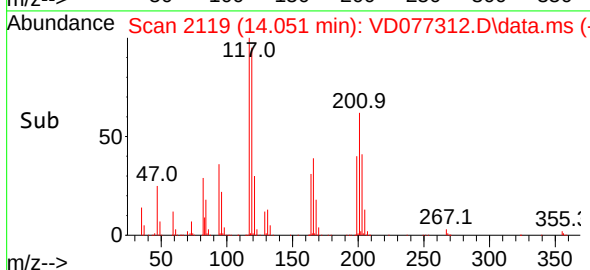
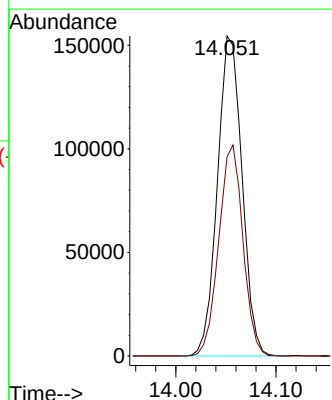
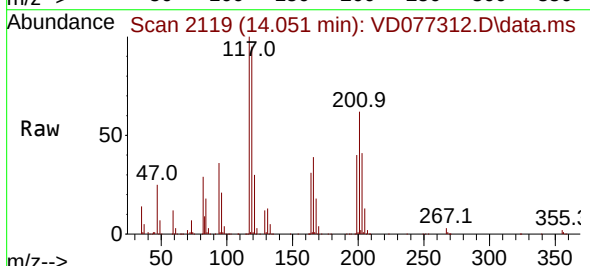
Acq: 11 Oct 2023 18:06

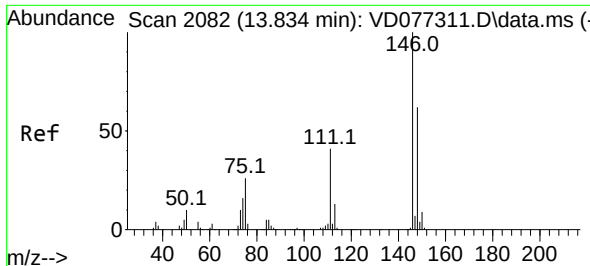
Tgt Ion:117 Resp: 263241

Ion Ratio Lower Upper

117 100

201 64.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 100.804 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 625370

Ion Ratio Lower Upper

146 100

111 41.6 18.3 54.8

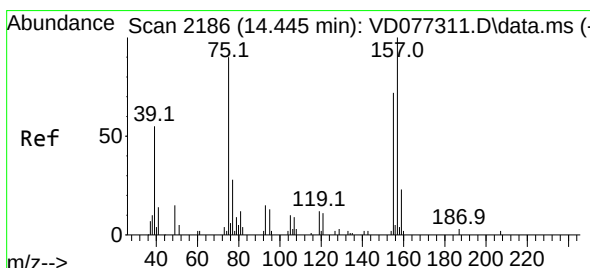
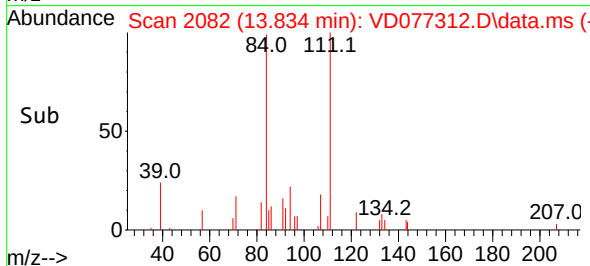
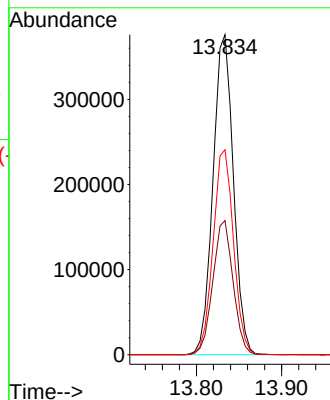
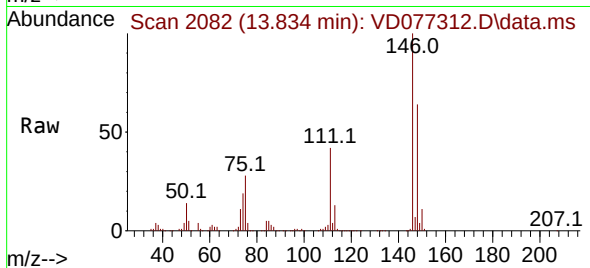
148 64.1 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.608 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

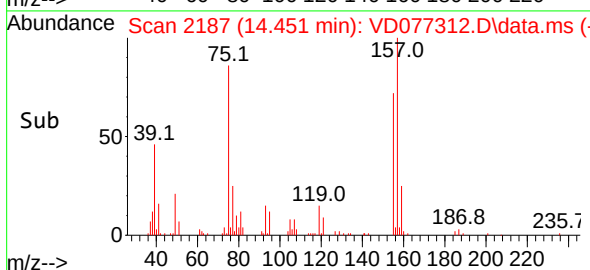
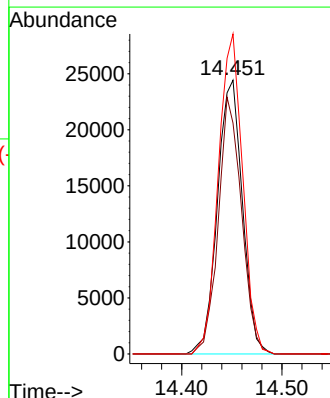
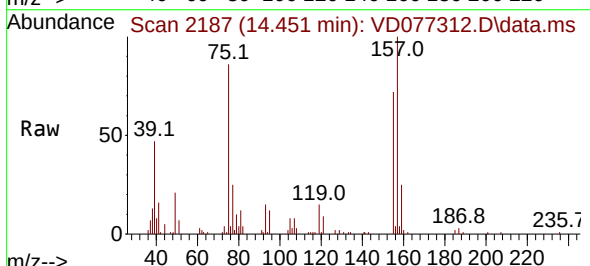
Tgt Ion: 75 Resp: 42283

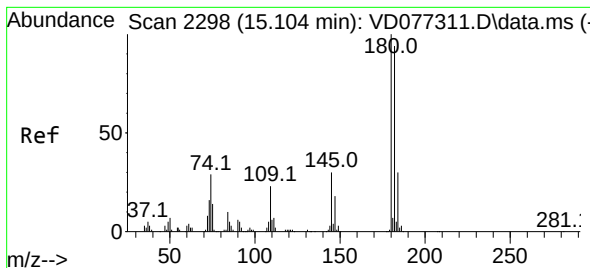
Ion Ratio Lower Upper

75 100

155 87.0 47.9 143.8

157 113.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 106.309 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 39780

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.6

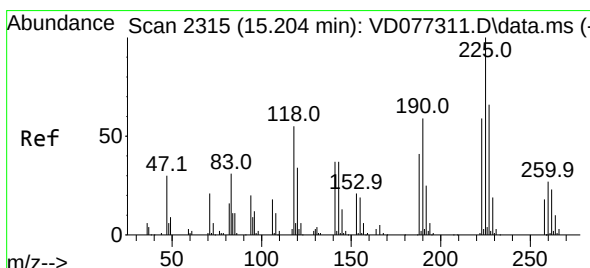
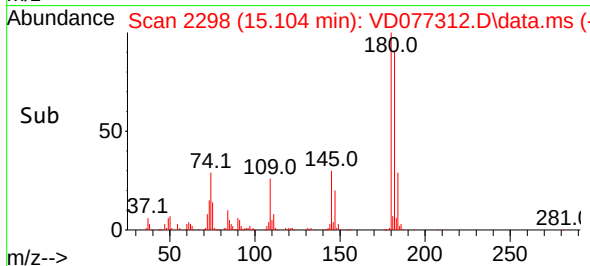
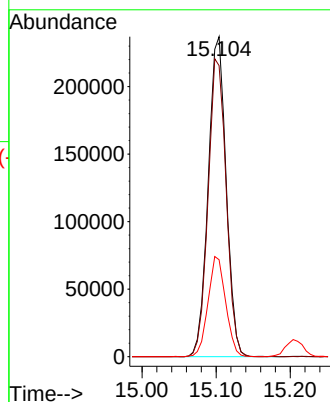
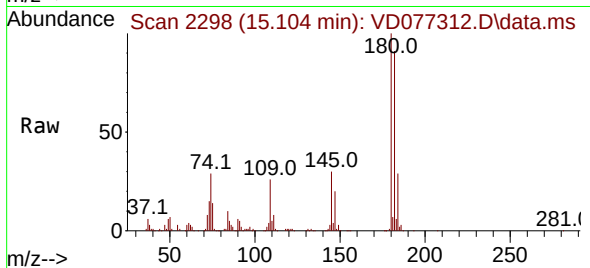
145 30.8 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#94

Hexachlorobutadiene

Concen: 99.829 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

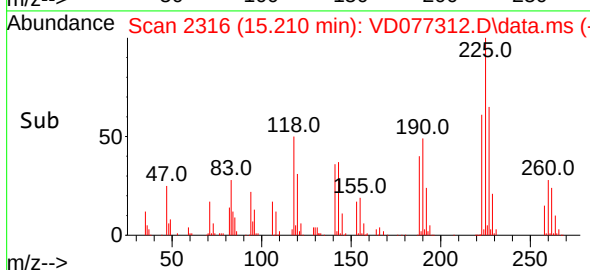
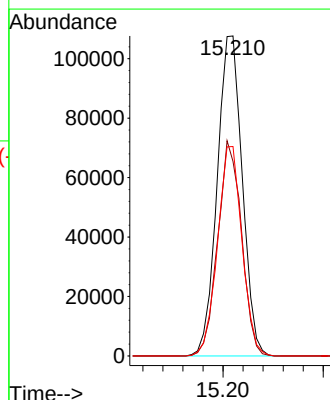
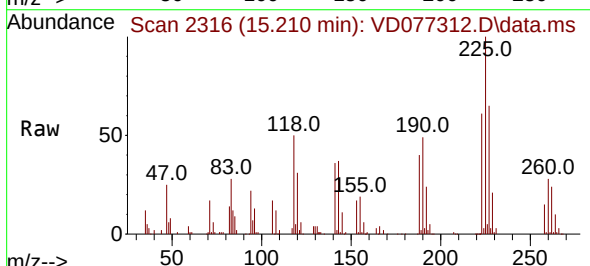
Tgt Ion:225 Resp: 186747

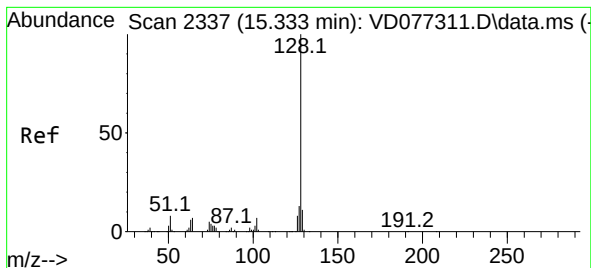
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.8

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 113.954 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

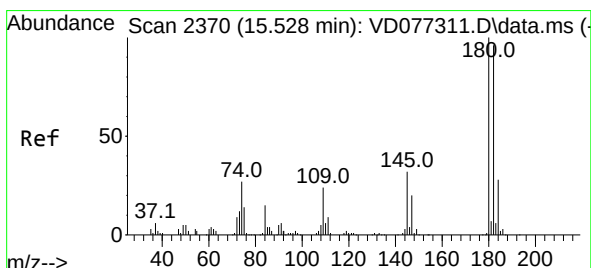
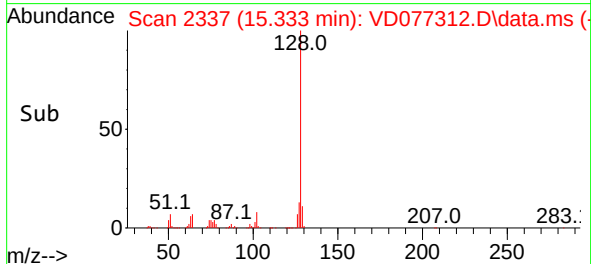
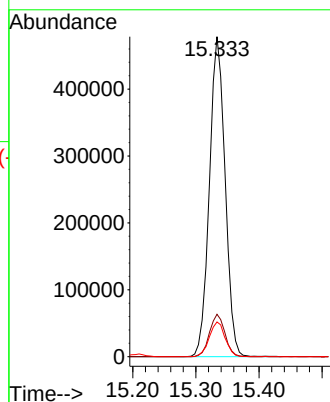
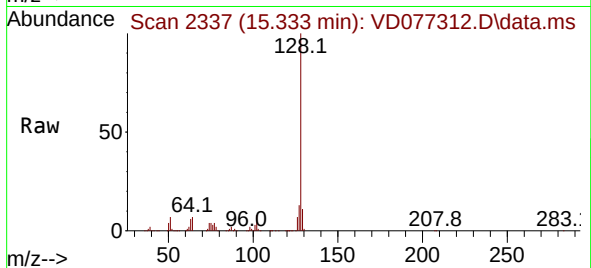
VSTDICC100

Tgt Ion:	128	Resp:	826800
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 104.675 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077312.D

Acq: 11 Oct 2023 18:06

Tgt Ion:	180	Resp:	346127
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.9
145	31.9	15.1	45.3

