

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080229.D
 Acq On : 03 Feb 2025 16:33
 Operator : RP/MD
 Sample : VD0203SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 06:09:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	204237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82070	54.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.560%			
35) Dibromofluoromethane	7.805	113	72721	50.239	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.480%			
50) Toluene-d8	10.269	98	270015	50.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.575	95	90262	52.406	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33870	27.561	ug/l	99
3) Chloromethane	2.146	50	57788	23.865	ug/l	96
4) Vinyl Chloride	2.281	62	70974	24.228	ug/l	100
5) Bromomethane	2.681	94	46406	23.471	ug/l	97
6) Chloroethane	2.828	64	45021	23.074	ug/l	95
7) Trichlorofluoromethane	3.170	101	50361	20.745	ug/l	95
8) Diethyl Ether	3.593	74	14429	21.726	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	29221	20.794	ug/l	99
10) Methyl Iodide	4.158	142	29797	28.119	ug/l	99
11) Tert butyl alcohol	5.064	59	9230	110.505	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	28385	21.324	ug/l	82
13) Acrolein	3.799	56	15924	101.112	ug/l	98
14) Allyl chloride	4.558	41	44333	21.611	ug/l	98
15) Acrylonitrile	5.258	53	32006	100.308	ug/l	96
16) Acetone	4.022	43	23864	97.926	ug/l	91
17) Carbon Disulfide	4.269	76	101912	21.227	ug/l	98
18) Methyl Acetate	4.569	43	16993	20.666	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	62787	21.424	ug/l	97
20) Methylene Chloride	4.805	84	33139	20.039	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	32854	21.725	ug/l	94
22) Diisopropyl ether	6.216	45	86682	20.304	ug/l	99
23) Vinyl Acetate	6.158	43	248542	100.838	ug/l	99
24) 1,1-Dichloroethane	6.111	63	59445	21.241	ug/l	98
25) 2-Butanone	7.087	43	38191	101.038	ug/l	98
26) 2,2-Dichloropropane	7.069	77	48888	20.140	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	33891	19.837	ug/l	99
28) Bromochloromethane	7.428	49	25949	20.318	ug/l #	99
29) Tetrahydrofuran	7.446	42	24206	97.774	ug/l	98
30) Chloroform	7.593	83	61790	21.595	ug/l	98
31) Cyclohexane	7.881	56	44091	19.680	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	49385	20.630	ug/l	98
36) 1,1-Dichloropropene	8.010	75	40086	19.335	ug/l	99
37) Ethyl Acetate	7.169	43	17887	17.594	ug/l #	93
38) Carbon Tetrachloride	7.993	117	42115	19.448	ug/l	98
39) Methylcyclohexane	9.275	83	42886	19.040	ug/l	91
40) Benzene	8.252	78	132115	20.330	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9147	16.346	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	35766	19.340	ug/l	99
43) Isopropyl Acetate	8.363	43	35270	19.548	ug/l #	84
44) Trichloroethene	9.028	130	30725	20.466	ug/l	92
45) 1,2-Dichloropropane	9.304	63	30897	18.902	ug/l	95
46) Dibromomethane	9.393	93	18165	19.947	ug/l	99
47) Bromodichloromethane	9.587	83	43473	18.930	ug/l	97
48) Methyl methacrylate	9.381	41	18666	22.356	ug/l #	84
49) 1,4-Dioxane	9.393	88	4229	426.877	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	86619	94.941	ug/l	98
52) Toluene	10.334	92	75995	19.993	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	35787	18.280	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	44655	18.752	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	21234	17.945	ug/l	95
56) Ethyl methacrylate	10.593	69	23150	17.146	ug/l	93
57) 1,3-Dichloropropane	10.881	76	34555	17.656	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	57940	100.545	ug/l	100
59) 2-Hexanone	10.922	43	51324	85.728	ug/l	98
60) Dibromochloromethane	11.069	129	27129	18.601	ug/l	95
61) 1,2-Dibromoethane	11.175	107	19938	18.501	ug/l	99
64) Tetrachloroethene	10.810	164	24254	20.084	ug/l	96
65) Chlorobenzene	11.604	112	77524	19.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	27474	19.819	ug/l	98
67) Ethyl Benzene	11.681	91	125716	19.071	ug/l	99
68) m/p-Xylenes	11.793	106	99632	38.932	ug/l	100
69) o-Xylene	12.122	106	47138	20.199	ug/l	99
70) Styrene	12.134	104	85880	20.674	ug/l	96
71) Bromoform	12.298	173	17132	20.964	ug/l #	93
73) Isopropylbenzene	12.422	105	124147	17.142	ug/l	99
74) N-amyl acetate	12.234	43	30855	16.208	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	27545	18.278	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	17805m	16.440	ug/l	
77) Bromobenzene	12.698	156	32373	17.329	ug/l	99
78) n-propylbenzene	12.763	91	160976	17.458	ug/l	99
79) 2-Chlorotoluene	12.851	91	97525	18.617	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	121925	20.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	9689	18.293	ug/l	94
82) 4-Chlorotoluene	12.945	91	112856	20.273	ug/l	100
83) tert-Butylbenzene	13.163	119	101722	20.543	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	125734	20.395	ug/l	98
85) sec-Butylbenzene	13.345	105	153808	20.316	ug/l	99
86) p-Isopropyltoluene	13.457	119	128111	19.817	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	74173	20.159	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	74526	20.012	ug/l	100
89) n-Butylbenzene	13.787	91	124200	19.771	ug/l	100
90) Hexachloroethane	14.051	117	27818	19.362	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	64100	19.771	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4883	20.366	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	33193	16.061	ug/l	98
94) Hexachlorobutadiene	15.204	225	19269	17.216	ug/l	97
95) Naphthalene	15.334	128	54143	16.811	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	29185	15.648	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

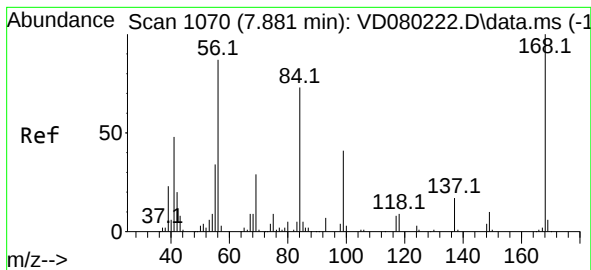
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD080229.D

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Instrument :

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ClientSampleId :

VD0203SBSD01

Tgt Ion:168 Resp: 11624

Ion Ratio Lower Upper

168 100

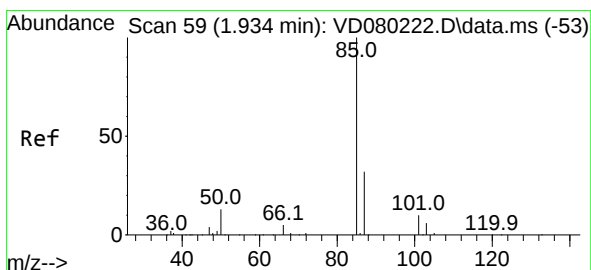
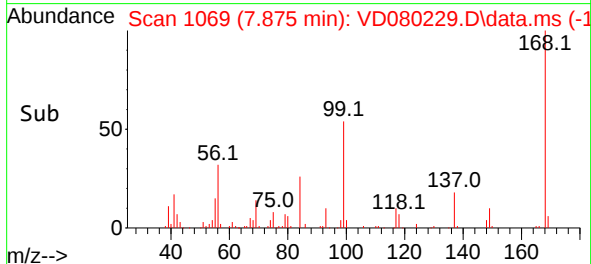
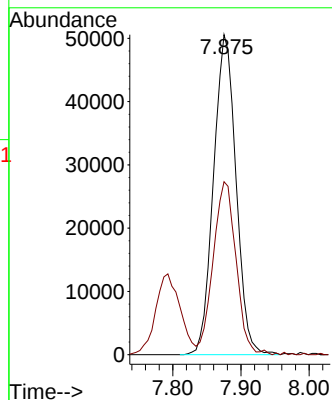
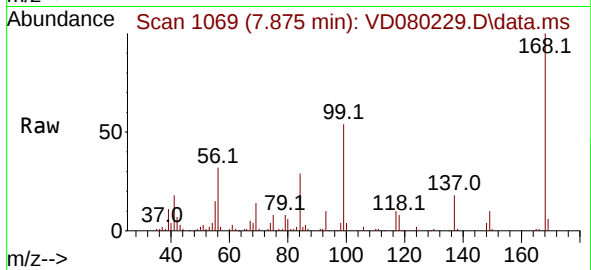
99 54.1 44.4 66.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/04/2025



#2

Dichlorodifluoromethane

Concen: 27.561 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080229.D

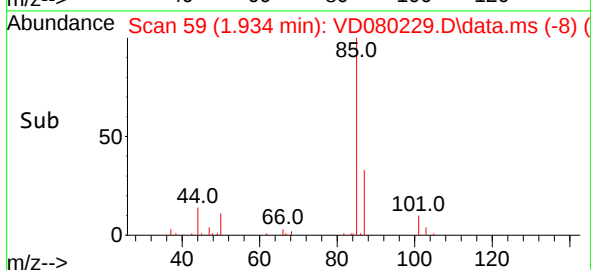
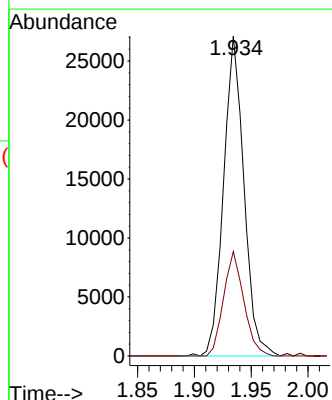
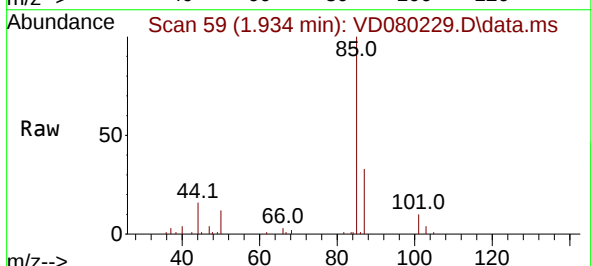
Acq: 03 Feb 2025 16:33

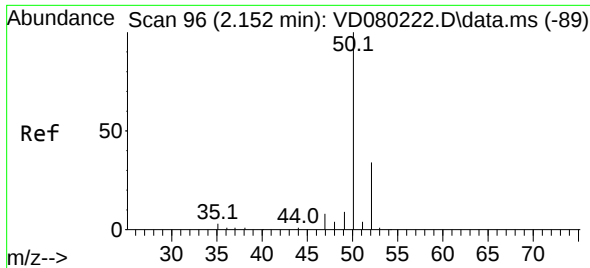
Tgt Ion: 85 Resp: 33870

Ion Ratio Lower Upper

85 100

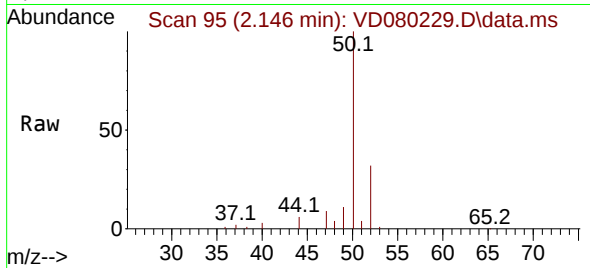
87 32.6 16.0 47.9





#3
Chloromethane
Concen: 23.865 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

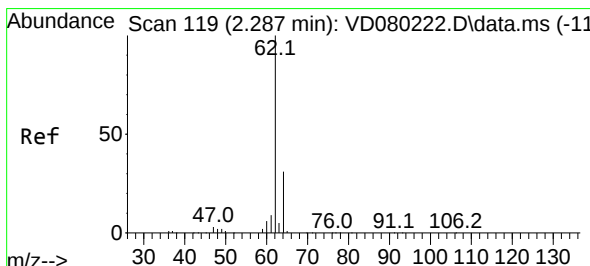
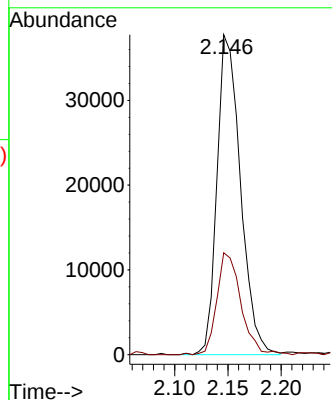
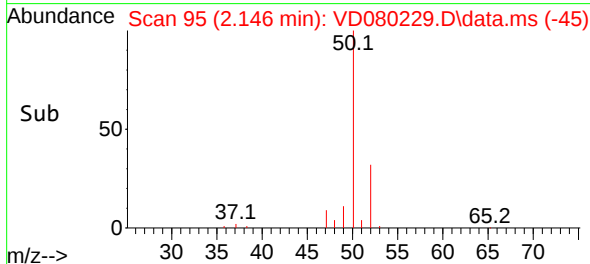
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 50 Resp: 5778
Ion Ratio Lower Upper
50 100
52 31.8 27.2 40.8

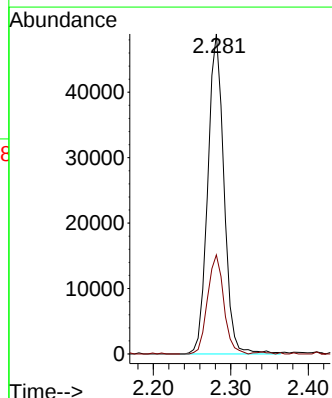
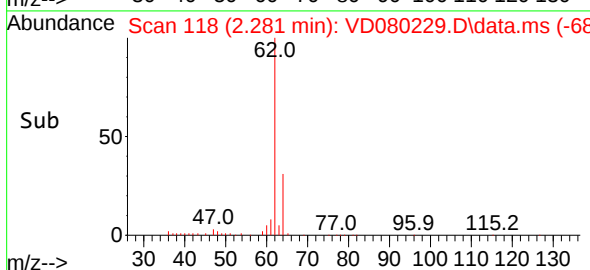
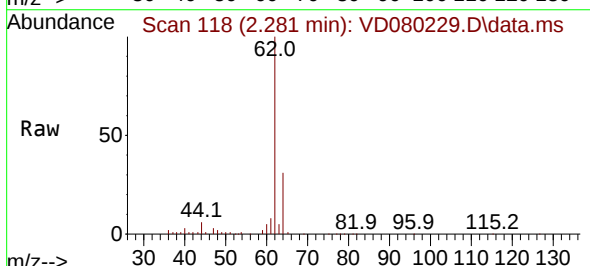
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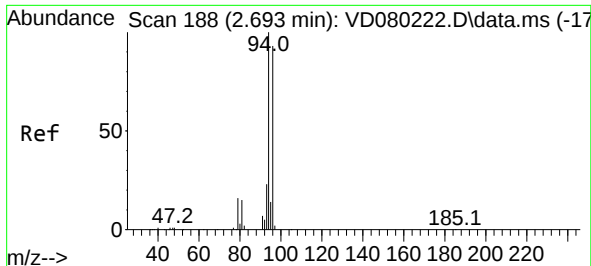
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#4
Vinyl Chloride
Concen: 24.228 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 62 Resp: 70974
Ion Ratio Lower Upper
62 100
64 30.9 24.8 37.2





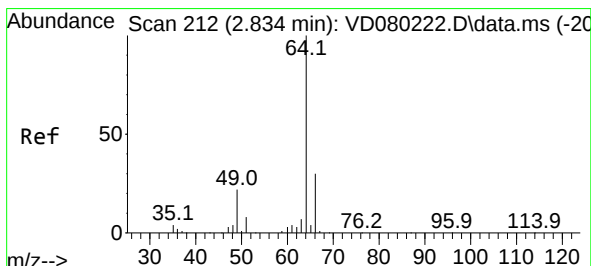
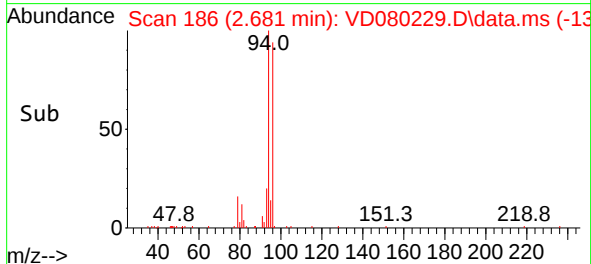
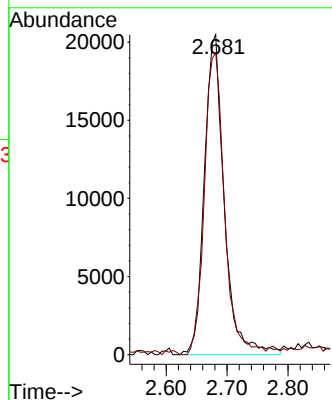
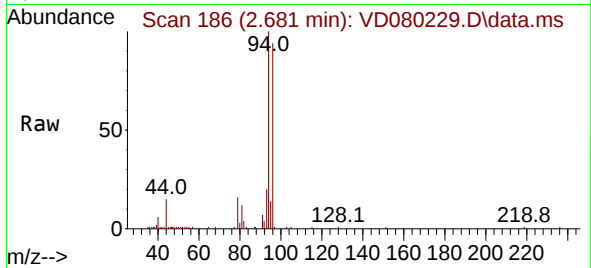
#5
Bromomethane
Concen: 23.471 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
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Tgt Ion: 94 Resp: 46400
Ion Ratio Lower Upper
94 100
96 95.8 74.4 111.6

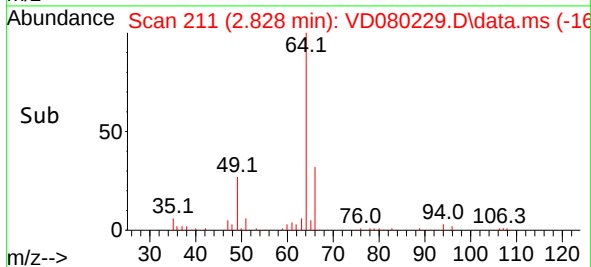
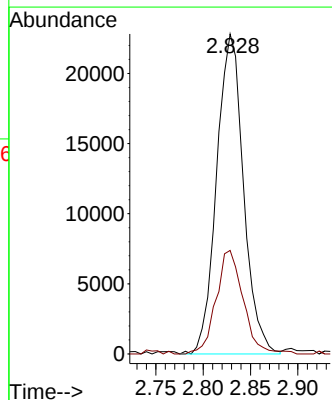
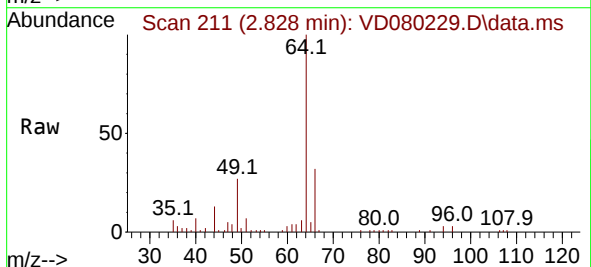
Manual Integrations
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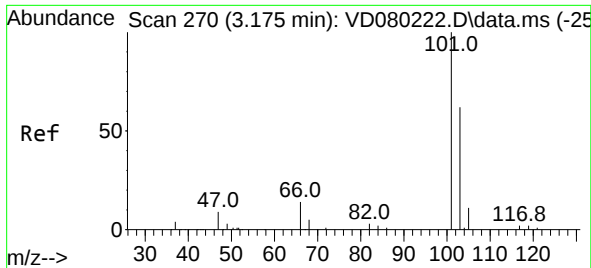
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#6
Chloroethane
Concen: 23.074 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 64 Resp: 45021
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





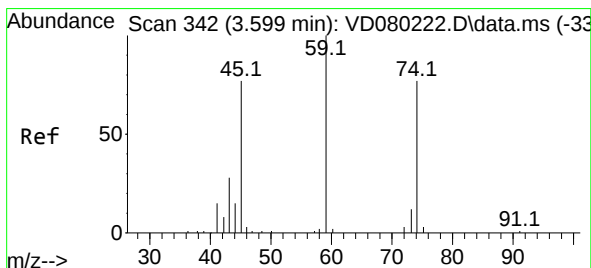
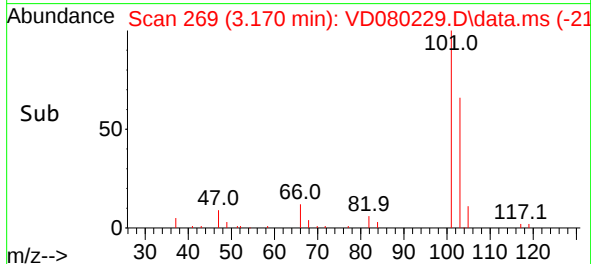
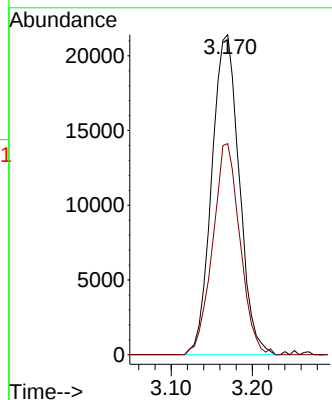
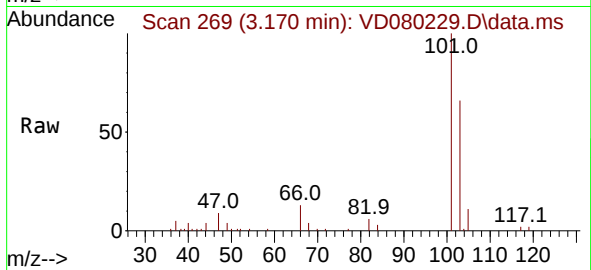
#7
 Trichlorofluoromethane
 Concen: 20.745 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.005 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBSD01

Tgt Ion:101 Resp: 5036
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.9 74.9

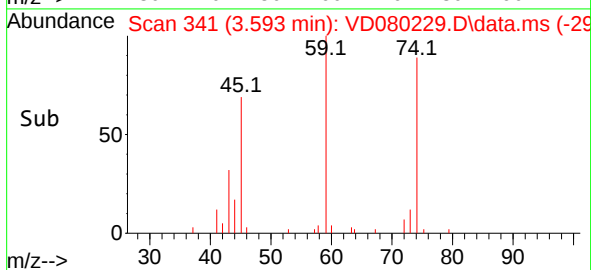
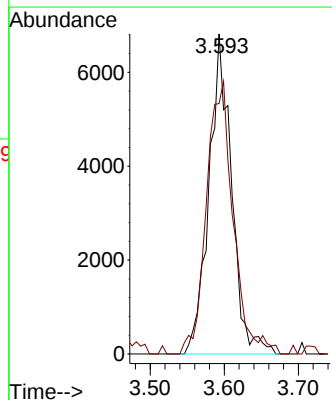
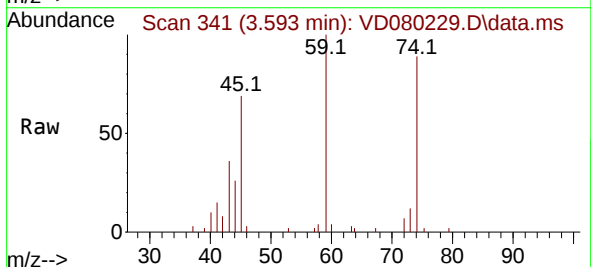
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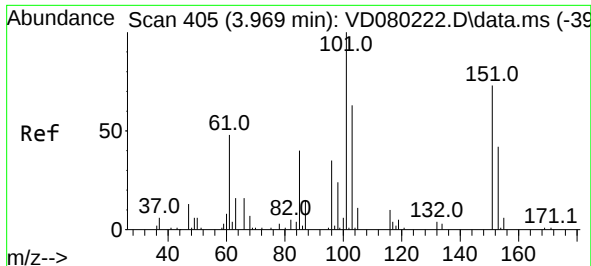
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#8
 Diethyl Ether
 Concen: 21.726 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

Tgt Ion: 74 Resp: 14429
 Ion Ratio Lower Upper
 74 100
 45 100.9 51.0 153.1





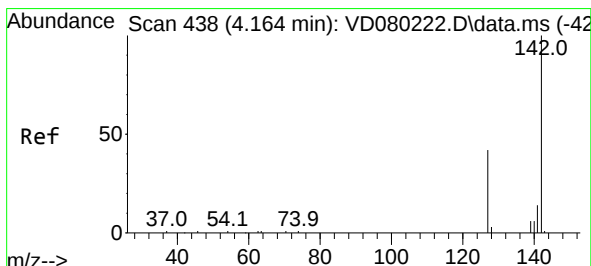
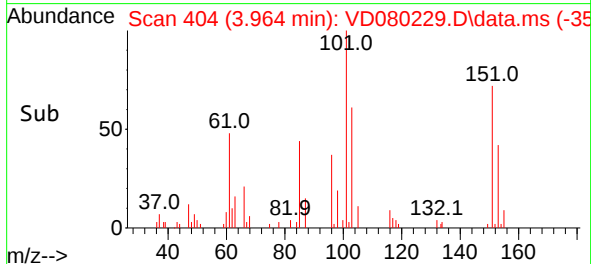
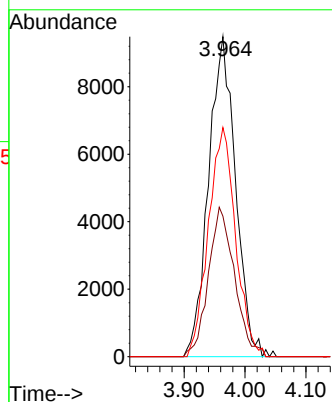
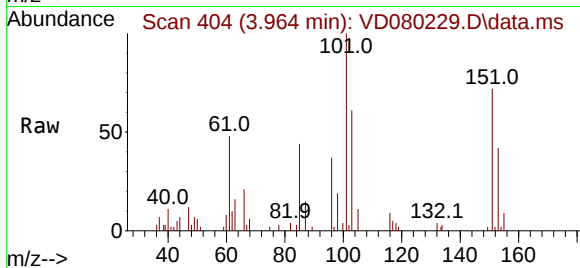
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.794 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:101 Resp: 2922
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 72.0 59.0 88.6

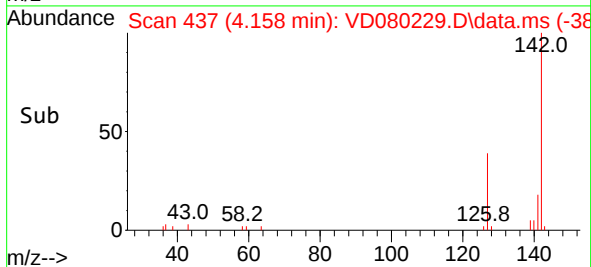
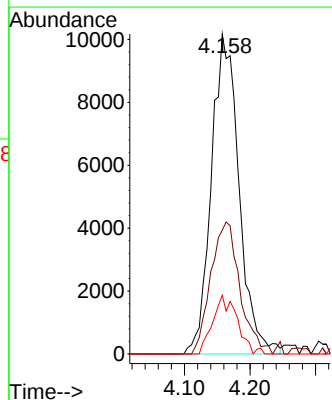
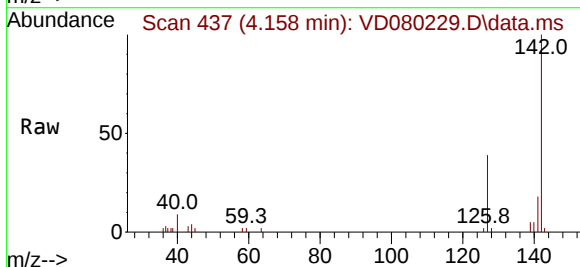
Manual Integrations
APPROVED

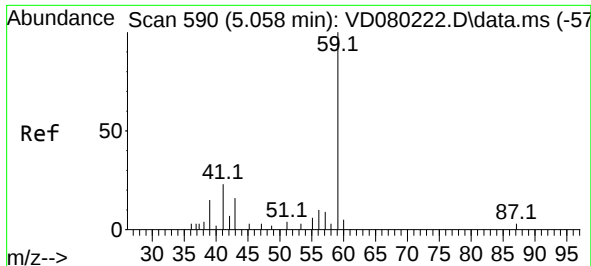
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#10
Methyl Iodide
Concen: 28.119 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

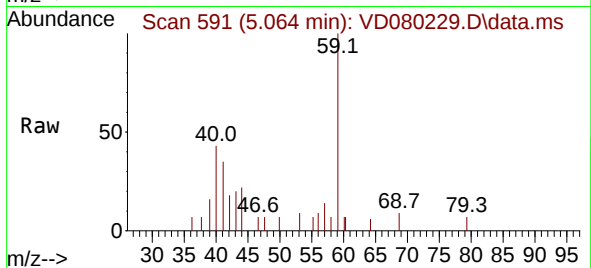
Tgt Ion:142 Resp: 29797
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.2
141 16.2 12.6 18.8





#11
Tert butyl alcohol
Concen: 110.505 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

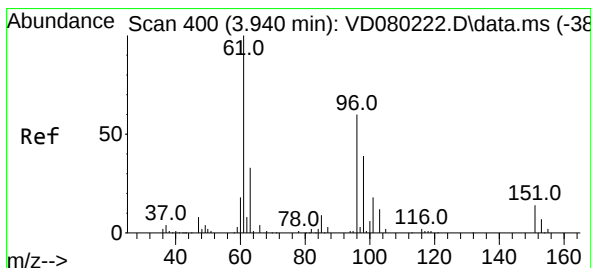
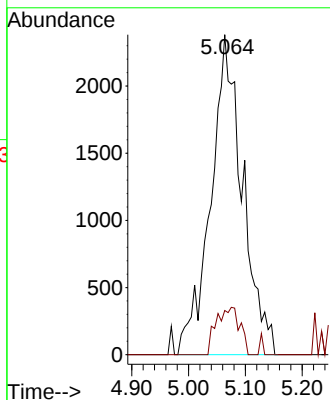
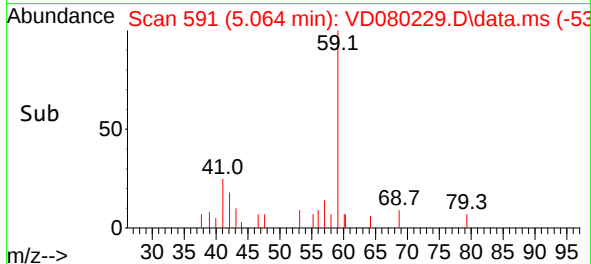
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



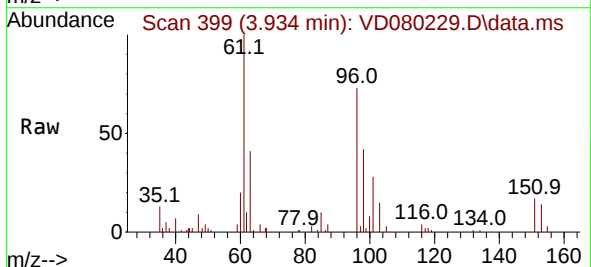
Tgt Ion: 59 Resp: 9230
Ion Ratio Lower Upper
59 100
57 11.0 7.2 10.8

Manual Integrations
APPROVED

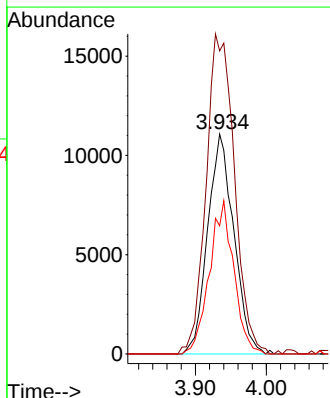
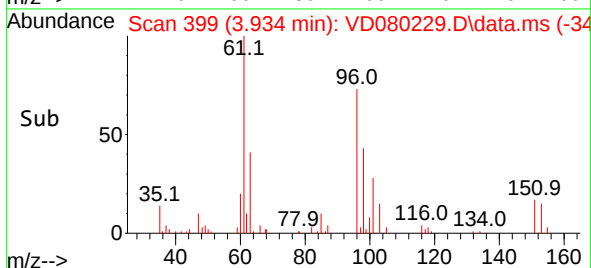
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

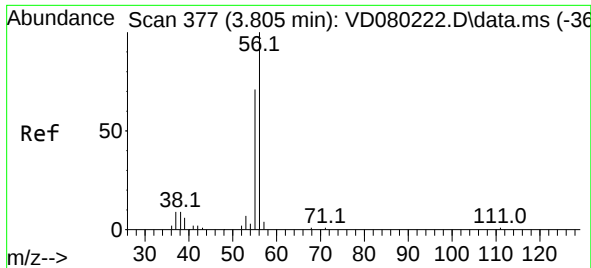


#12
1,1-Dichloroethene
Concen: 21.324 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33



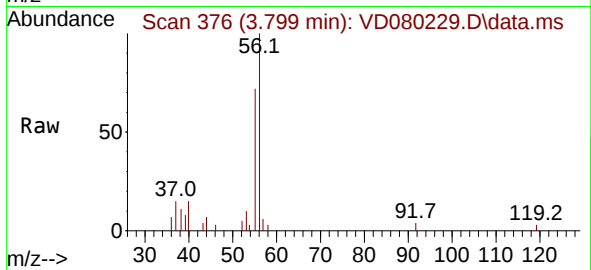
Tgt Ion: 96 Resp: 28385
Ion Ratio Lower Upper
96 100
61 137.8 133.8 200.6
98 58.3 52.2 78.2





#13
Acrolein
Concen: 101.112 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

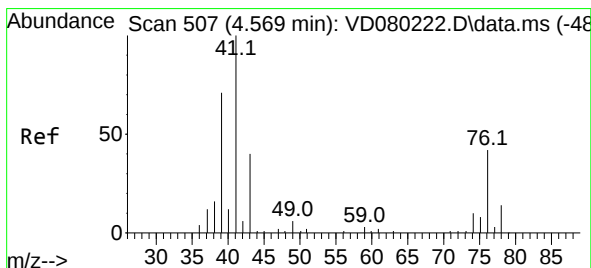
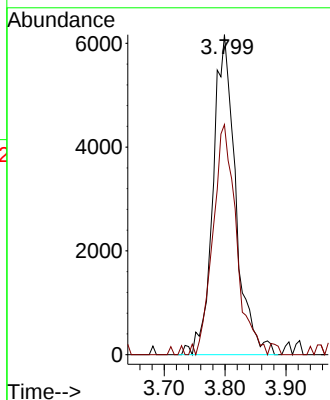
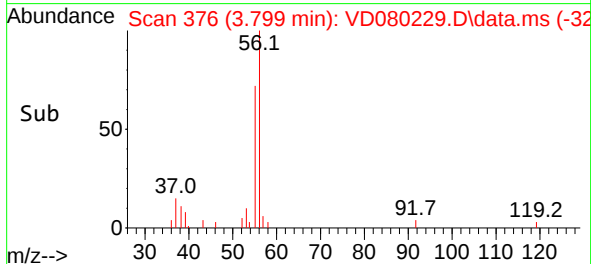
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 56 Resp: 15924
Ion Ratio Lower Upper
56 100
55 74.1 57.8 86.8

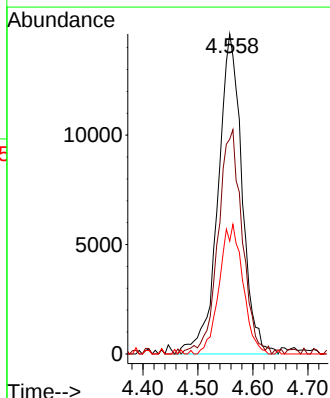
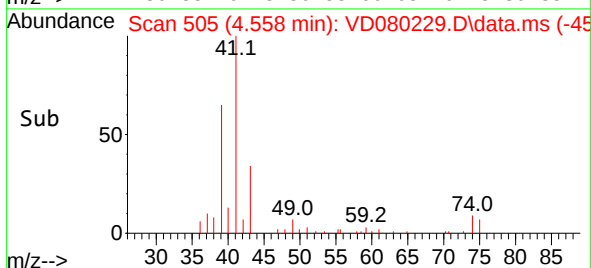
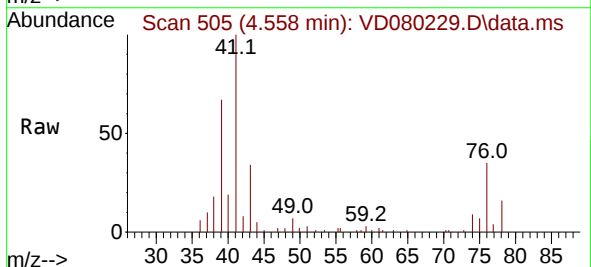
Manual Integrations
APPROVED

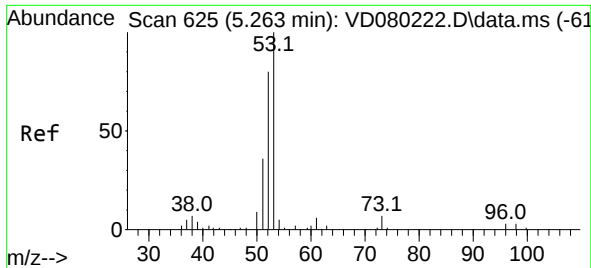
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#14
Allyl chloride
Concen: 21.611 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

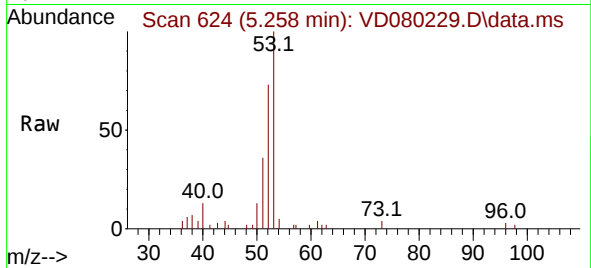
Tgt Ion: 41 Resp: 44333
Ion Ratio Lower Upper
41 100
39 70.5 55.0 82.4
76 39.7 31.0 46.4





#15
Acrylonitrile
Concen: 100.308 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

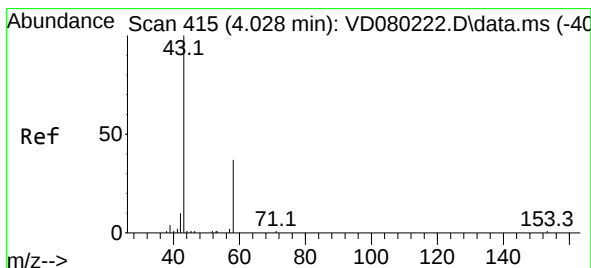
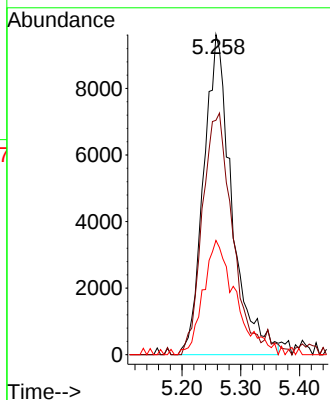
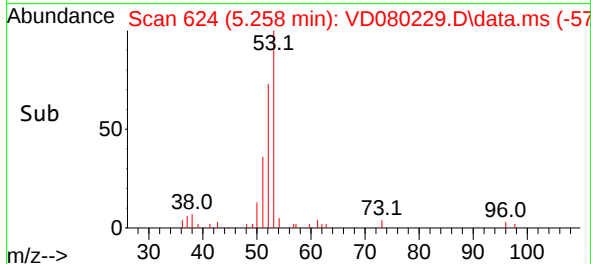
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 53 Resp: 32000
Ion Ratio Lower Upper
53 100
52 79.6 65.9 98.9
51 41.5 30.1 45.1

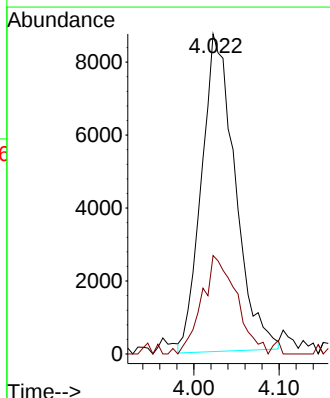
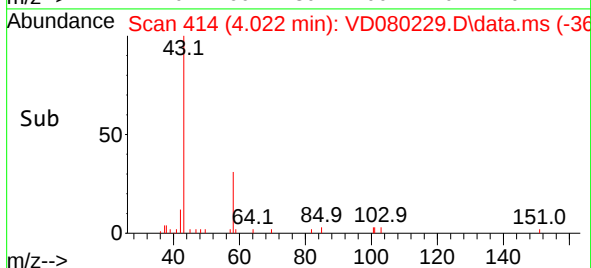
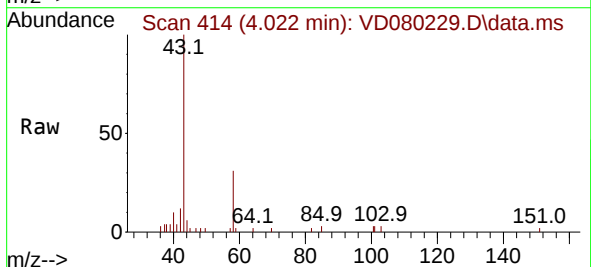
Manual Integrations
APPROVED

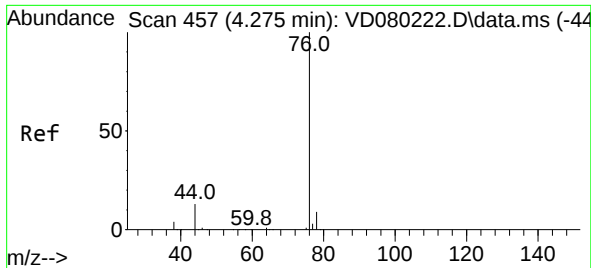
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#16
Acetone
Concen: 97.926 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 43 Resp: 23864
Ion Ratio Lower Upper
43 100
58 31.8 29.5 44.3





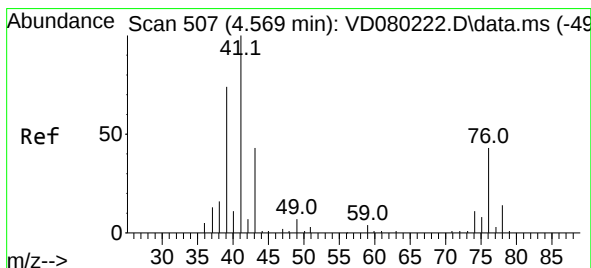
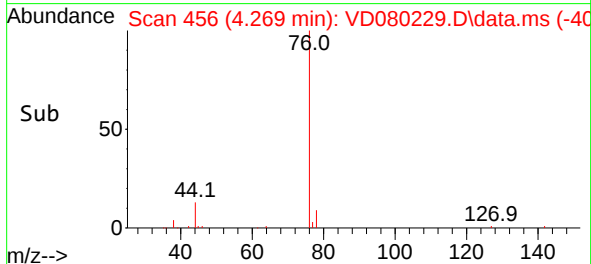
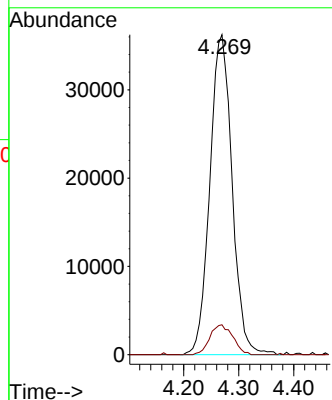
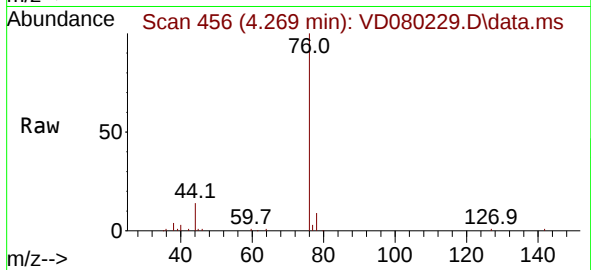
#17
Carbon Disulfide
Concen: 21.227 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion: 76 Resp: 10191
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

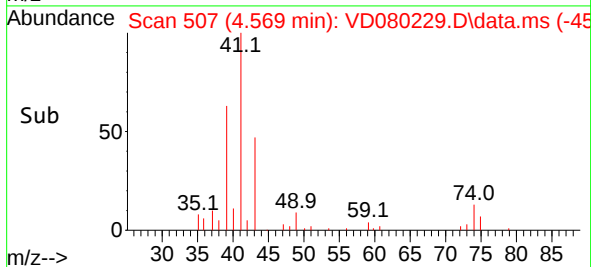
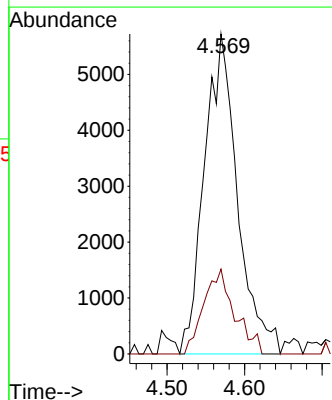
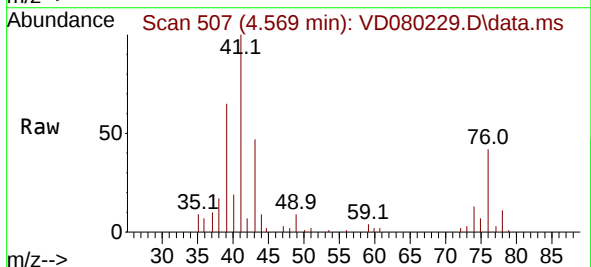
Manual Integrations
APPROVED

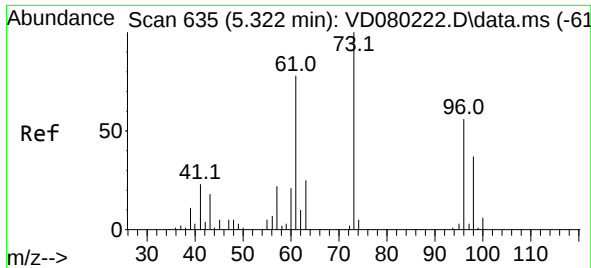
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#18
Methyl Acetate
Concen: 20.666 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 43 Resp: 16993
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2





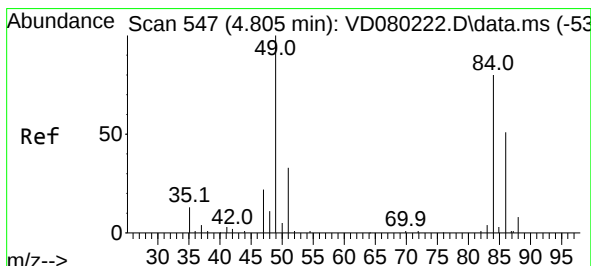
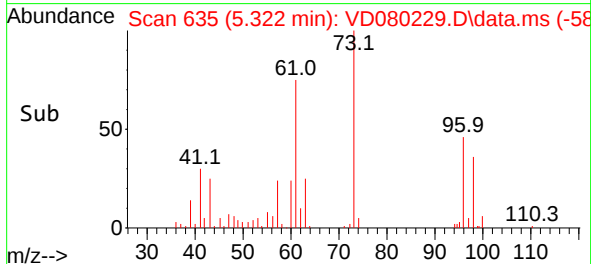
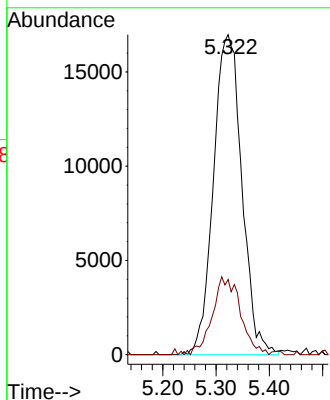
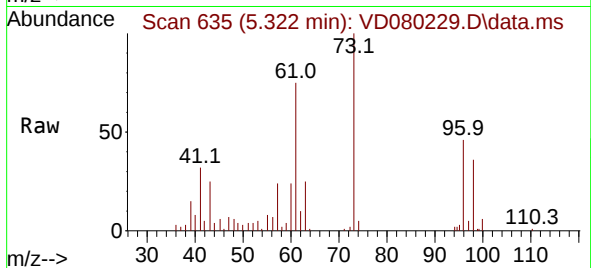
#19
Methyl tert-butyl Ether
Concen: 21.424 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion: 73 Resp: 6278
Ion Ratio Lower Upper
73 100
57 23.5 17.8 26.8

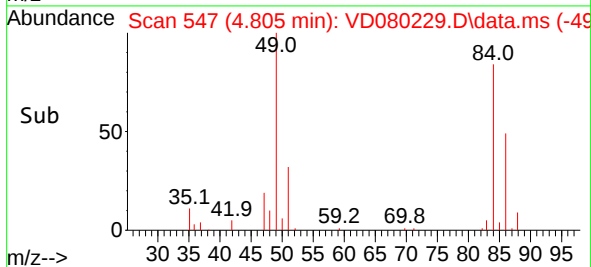
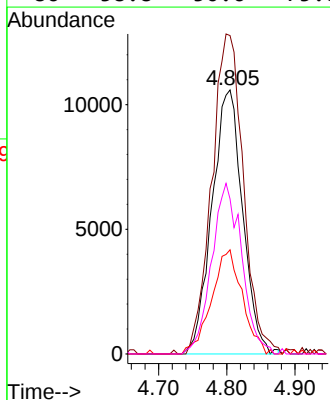
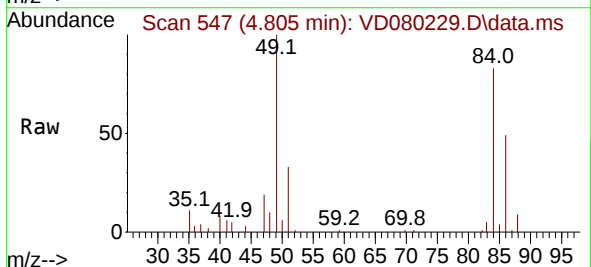
Manual Integrations
APPROVED

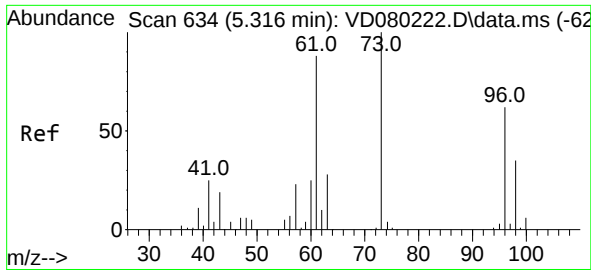
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#20
Methylene Chloride
Concen: 20.039 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

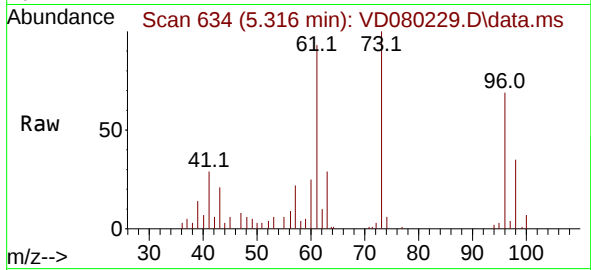
Tgt Ion: 84 Resp: 33139
Ion Ratio Lower Upper
84 100
49 120.6 99.4 149.2
51 39.5 32.6 49.0
86 58.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.725 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

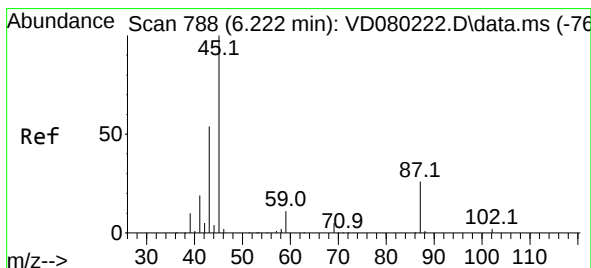
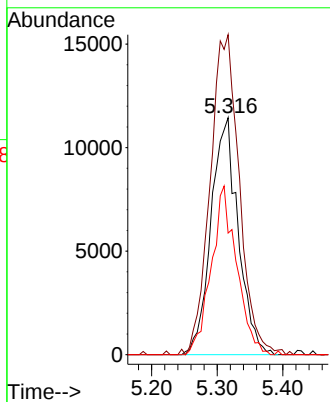
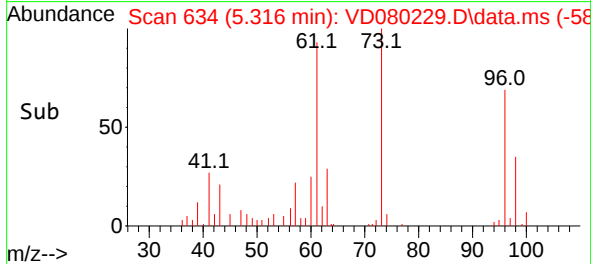
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



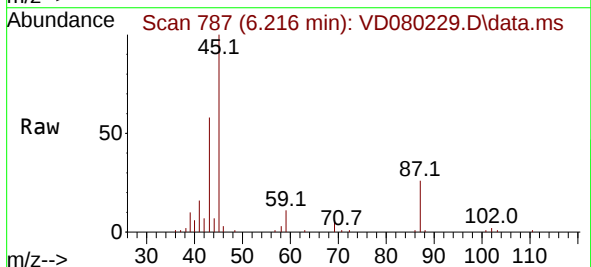
Tgt Ion: 96 Resp: 32854
Ion Ratio Lower Upper
96 100
61 135.0 113.7 170.5
98 51.3 45.4 68.2

Manual Integrations
APPROVED

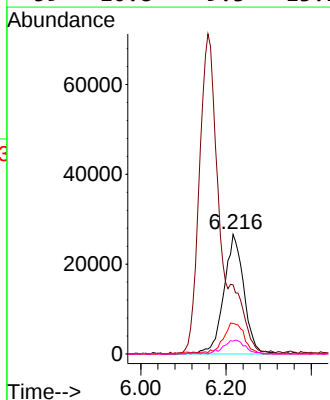
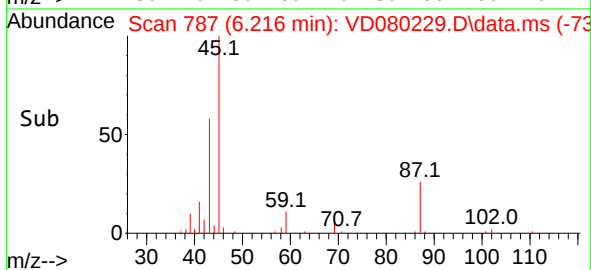
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

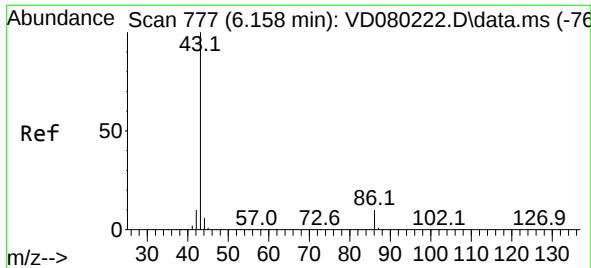


#22
Diisopropyl ether
Concen: 20.304 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33



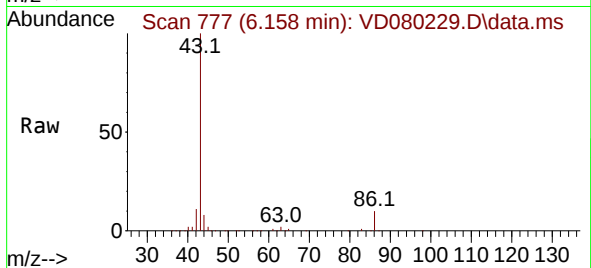
Tgt Ion: 45 Resp: 86682
Ion Ratio Lower Upper
45 100
43 56.9 44.3 66.5
87 25.6 20.5 30.7
59 10.8 9.3 13.9





#23
 Vinyl Acetate
 Concen: 100.838 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

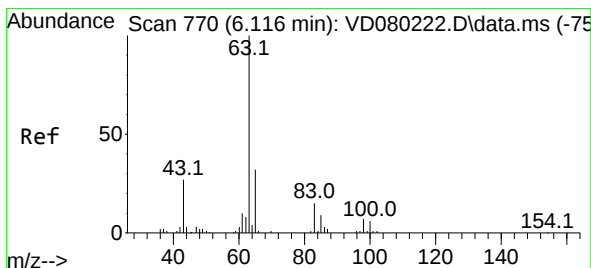
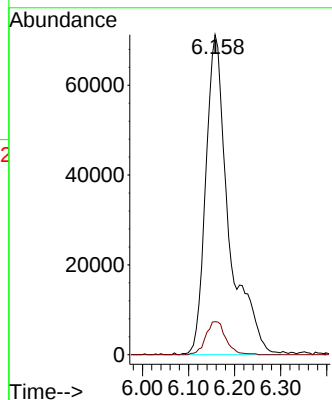
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBSD01



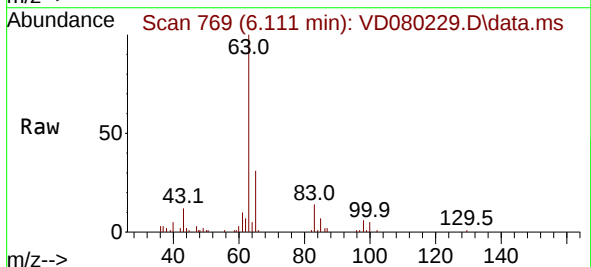
Tgt Ion: 43 Resp: 24854
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1

Manual Integrations
 APPROVED

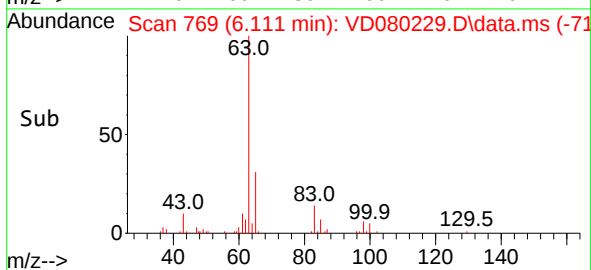
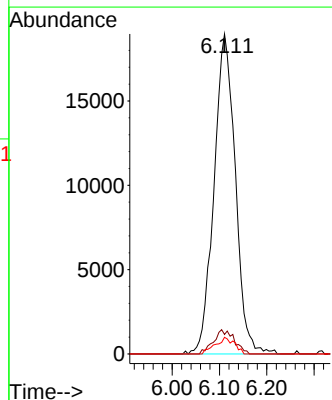
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

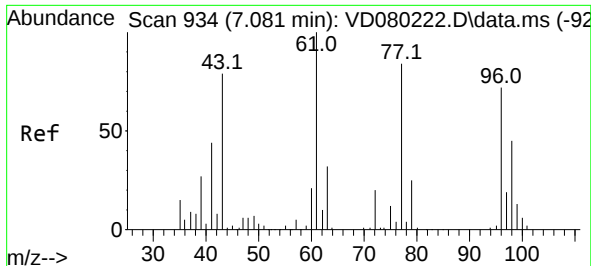


#24
 1,1-Dichloroethane
 Concen: 21.241 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33



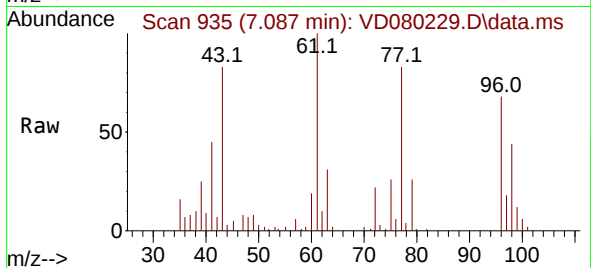
Tgt Ion: 63 Resp: 59445
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 5.2 2.8 8.4





#25
2-Butanone
Concen: 101.038 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

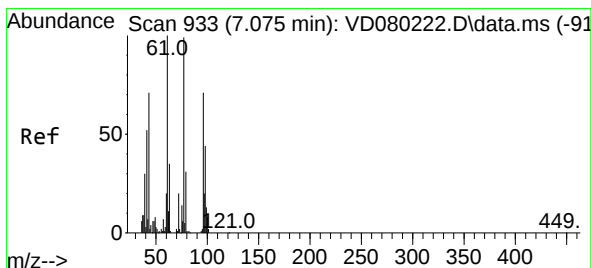
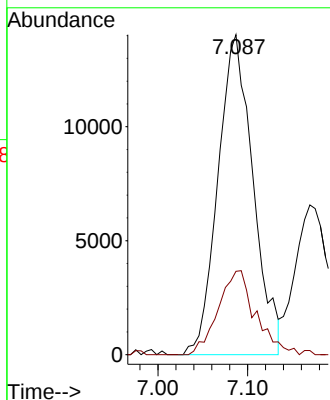
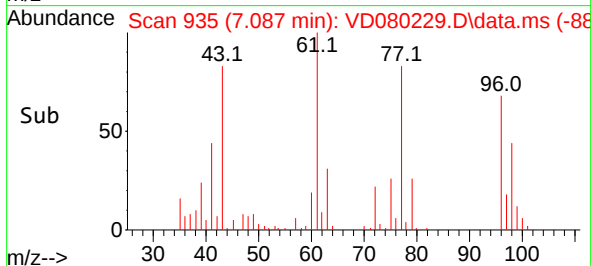
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 43 Resp: 3819
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9

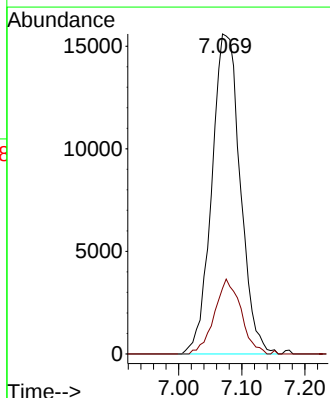
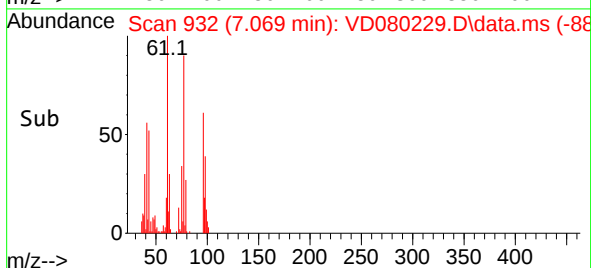
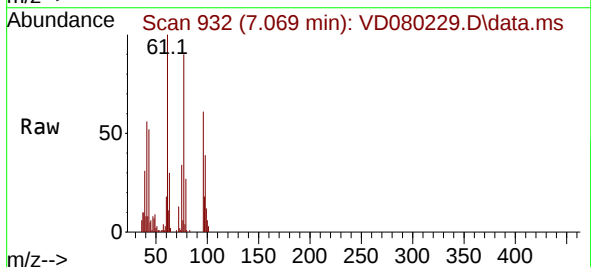
Manual Integrations
APPROVED

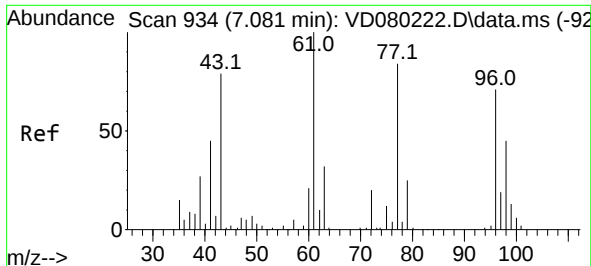
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#26
2,2-Dichloropropane
Concen: 20.140 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

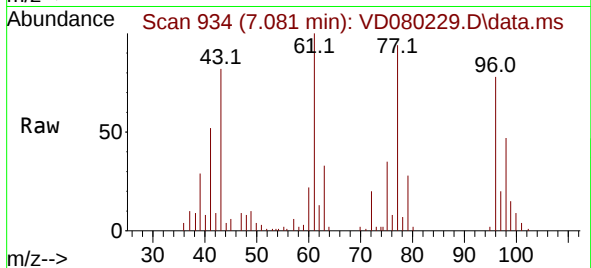
Tgt Ion: 77 Resp: 48888
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.837 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

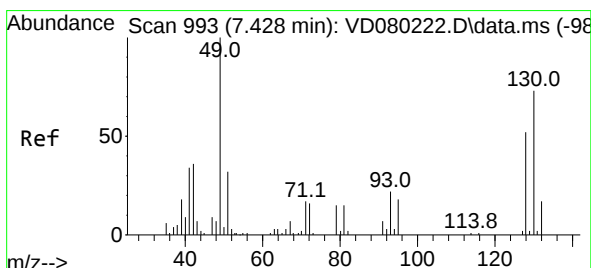
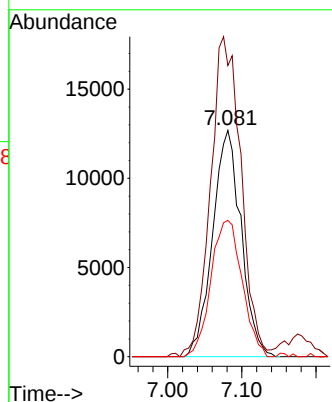
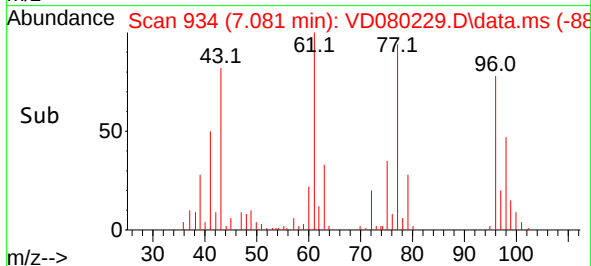
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBSD01



Tgt Ion: 96 Resp: 3389
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 297.4
 98 65.9 0.0 131.0

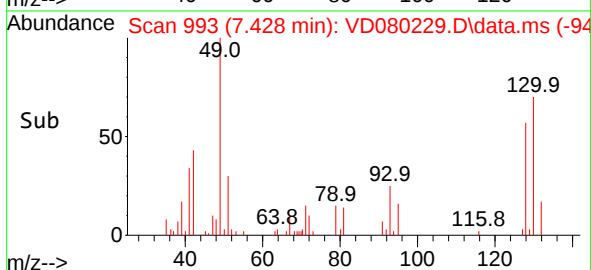
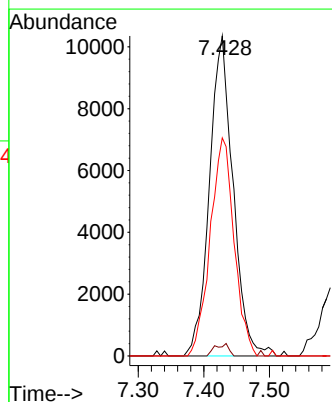
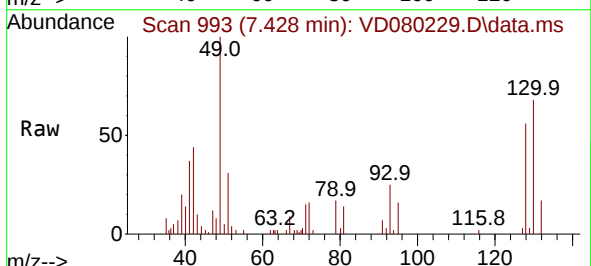
Manual Integrations
 APPROVED

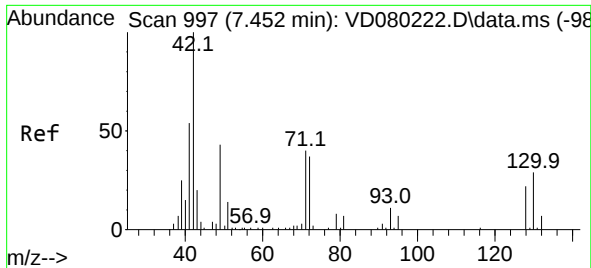
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#28
 Bromochloromethane
 Concen: 20.318 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

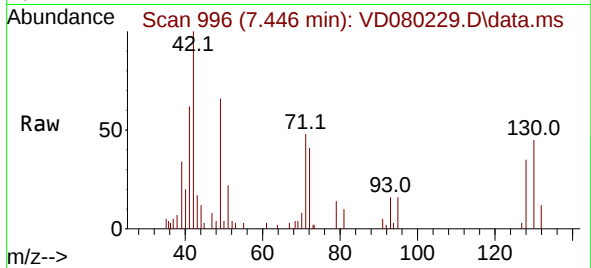
Tgt Ion: 49 Resp: 25949
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.8#
 130 68.7 55.3 82.9





#29
Tetrahydrofuran
Concen: 97.774 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

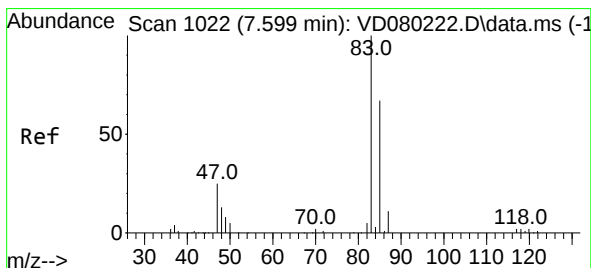
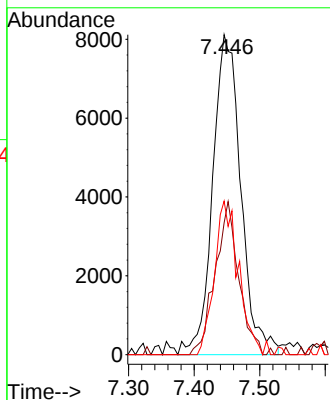
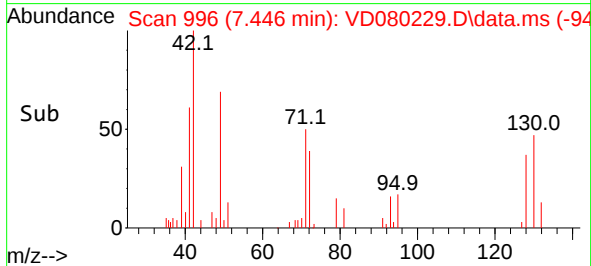
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 42 Resp: 24200
Ion Ratio Lower Upper
42 100
72 40.1 33.5 50.3
71 40.8 32.9 49.3

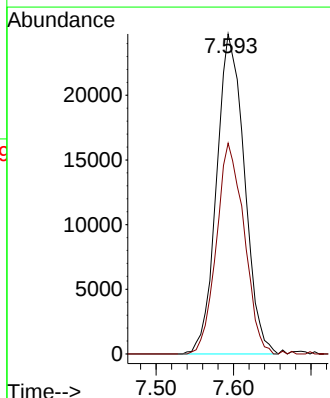
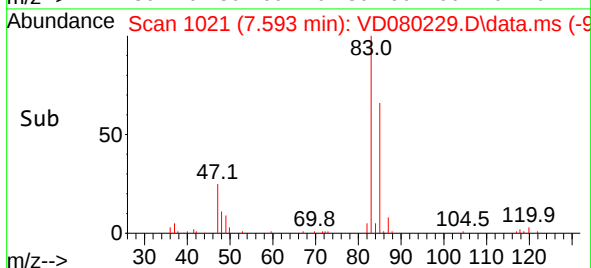
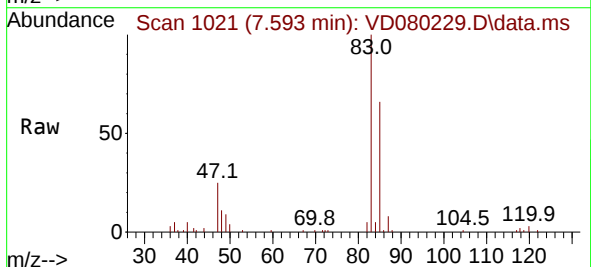
Manual Integrations
APPROVED

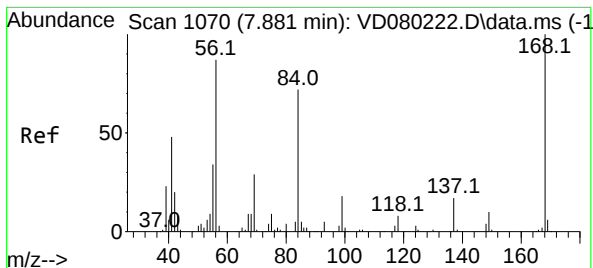
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#30
Chloroform
Concen: 21.595 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 83 Resp: 61790
Ion Ratio Lower Upper
83 100
85 65.9 53.7 80.5





#31

Cyclohexane

Concen: 19.680 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBSD01

Tgt Ion: 56 Resp: 4409

Ion Ratio Lower Upper

56 100

69 39.3 27.0 40.4

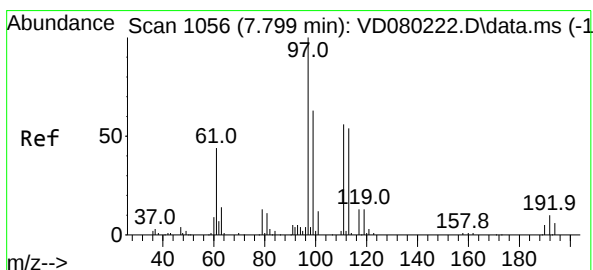
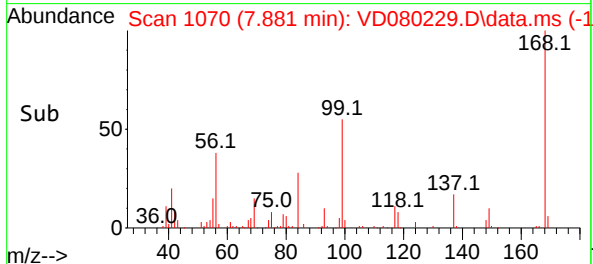
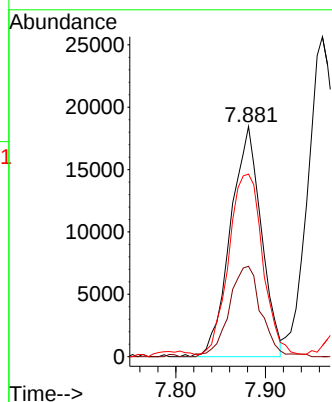
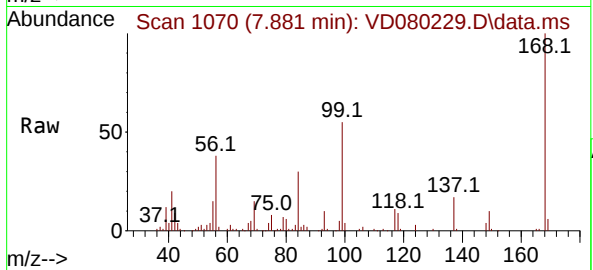
84 76.9 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#32

1,1,1-Trichloroethane

Concen: 20.630 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

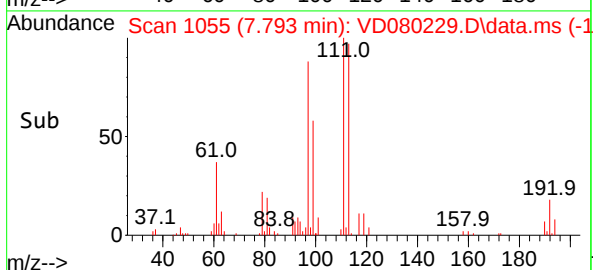
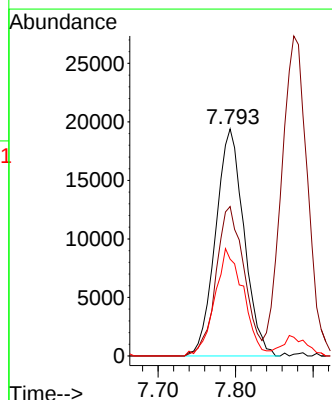
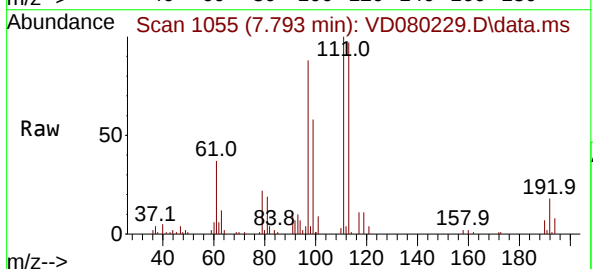
Tgt Ion: 97 Resp: 49385

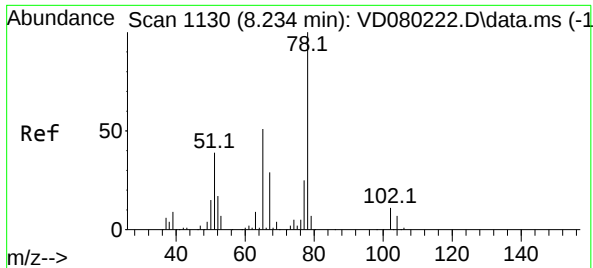
Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

61 48.1 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 54.276 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion: 65 Resp: 82070

Ion Ratio Lower Upper

65 100

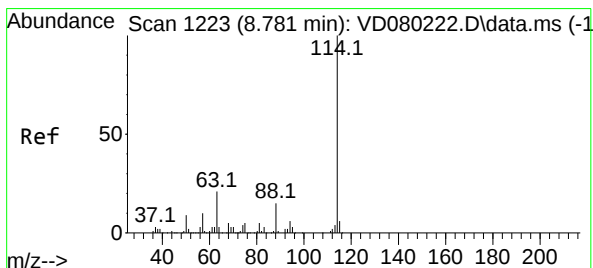
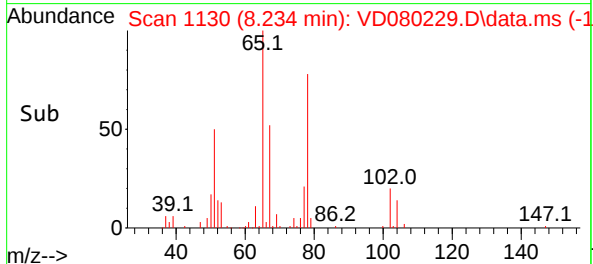
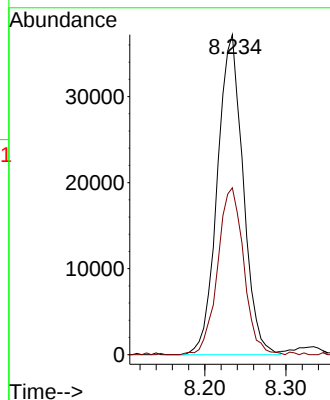
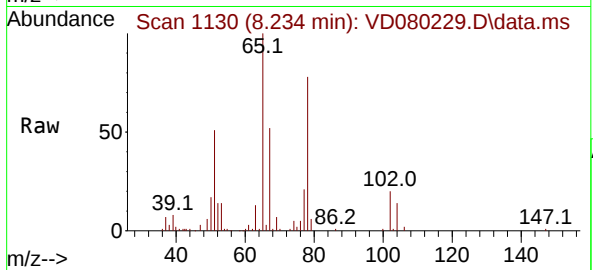
67 52.8 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

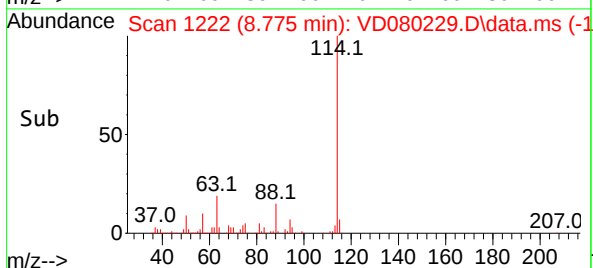
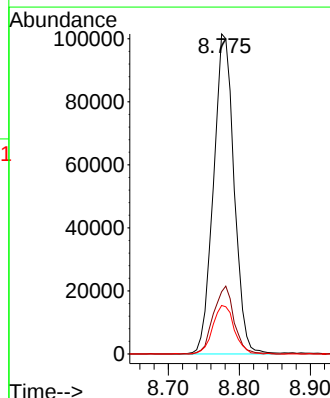
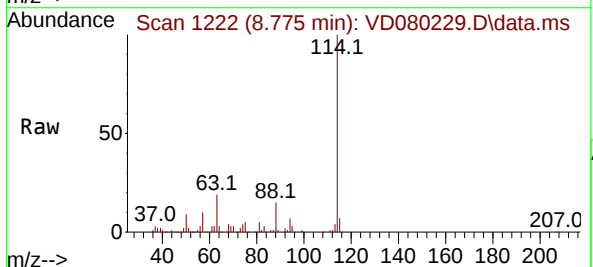
Tgt Ion:114 Resp: 204237

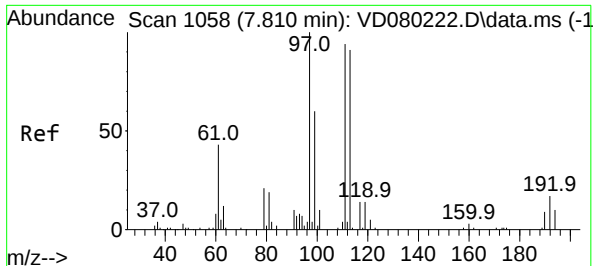
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.8

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.239 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBSD01

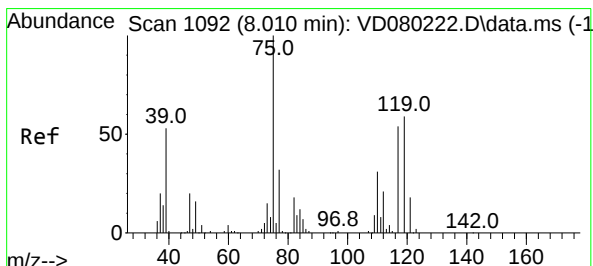
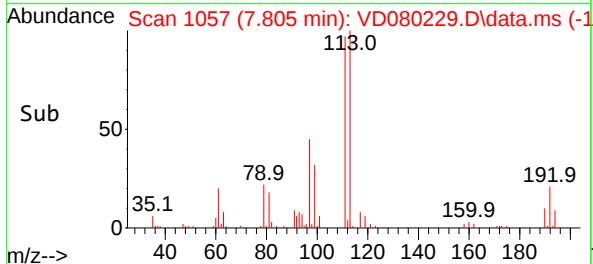
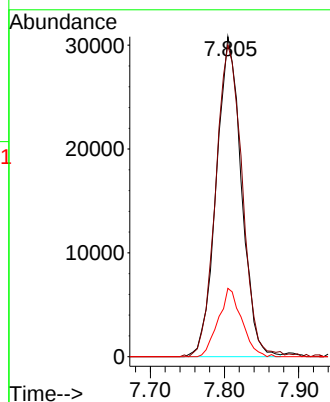
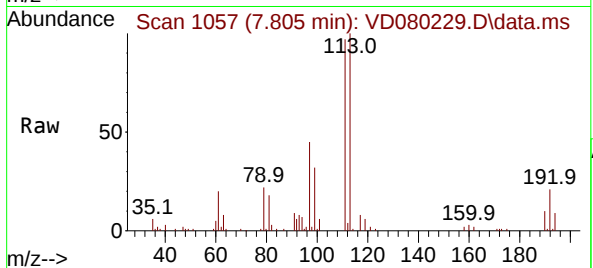
Tgt Ion:113 Resp: 7272

Ion	Ratio	Lower	Upper
113	100		
111	102.8	85.0	127.4
192	19.8	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#36

1,1-Dichloropropene

Concen: 19.335 ug/l

RT: 8.010 min Scan# 1092

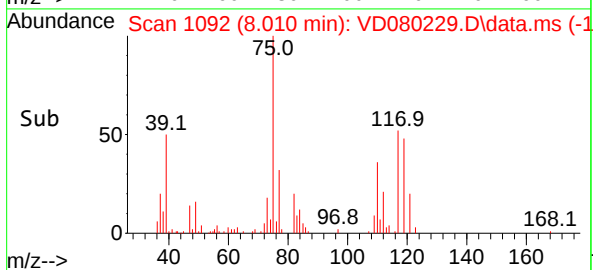
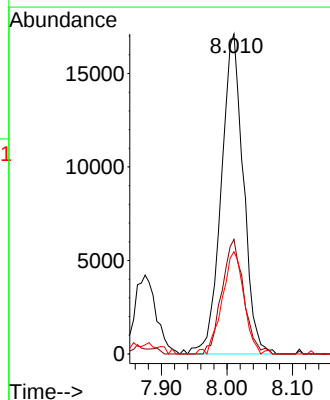
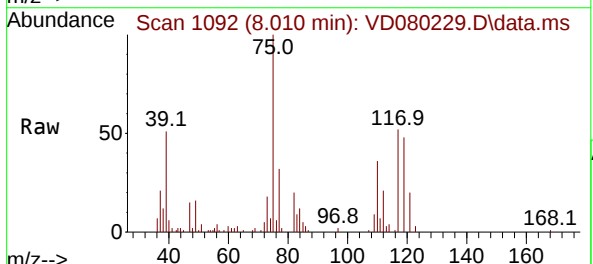
Delta R.T. 0.000 min

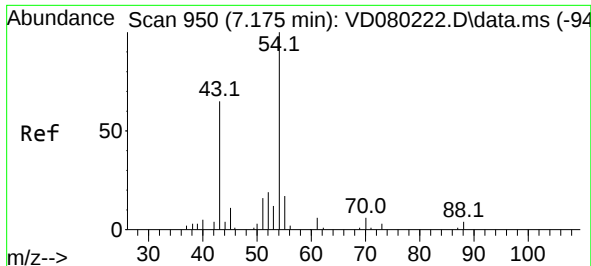
Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion: 75 Resp: 40086

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.2
77	31.6	25.6	38.4





#37

Ethyl Acetate

Concen: 17.594 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

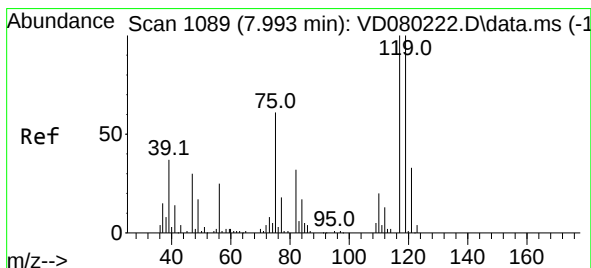
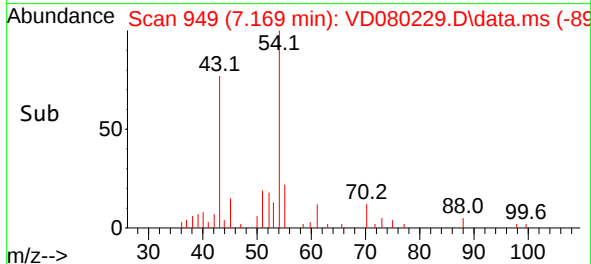
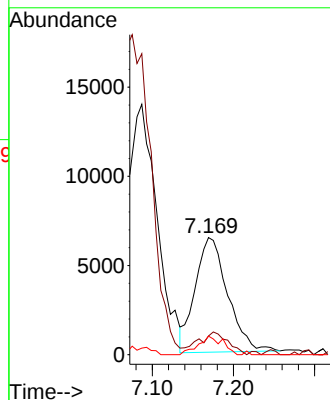
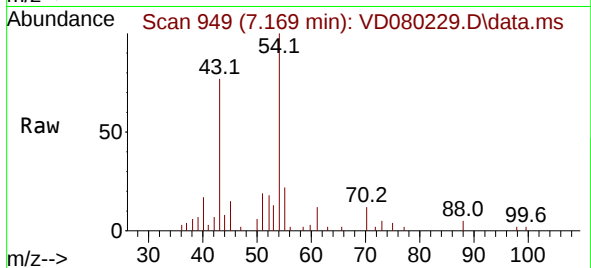
VD0203SBS01

Tgt Ion: 43 Resp: 1788

Ion	Ratio	Lower	Upper
43	100		
61	17.6	11.4	17.0
70	12.2	8.2	12.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#38

Carbon Tetrachloride

Concen: 19.448 ug/l

RT: 7.993 min Scan# 1089

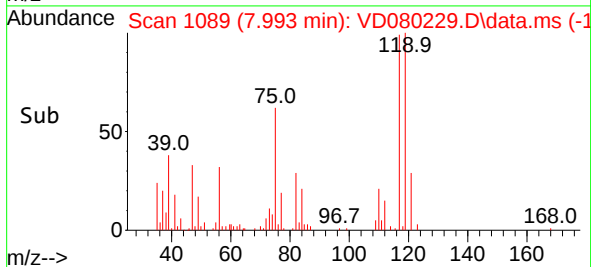
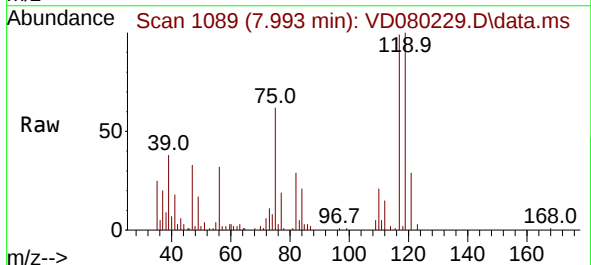
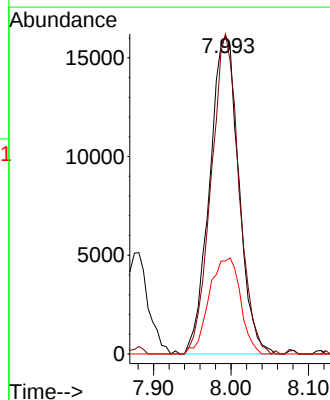
Delta R.T. 0.000 min

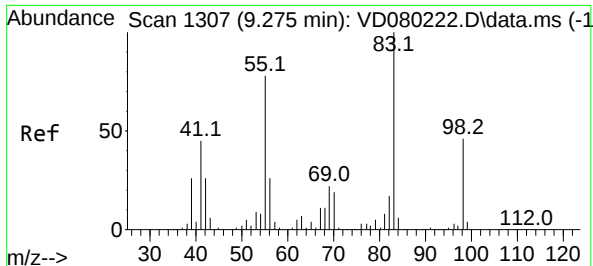
Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion:117 Resp: 42115

Ion	Ratio	Lower	Upper
117	100		
119	100.6	79.8	119.6
121	29.3	26.6	39.8





#39

Methylcyclohexane

Concen: 19.040 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBSD01

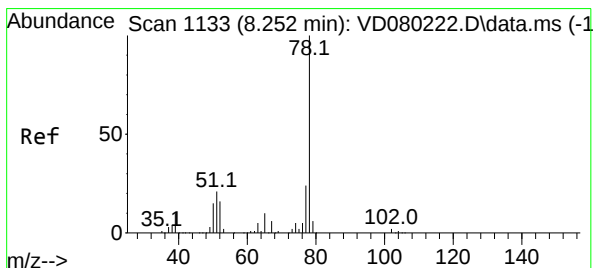
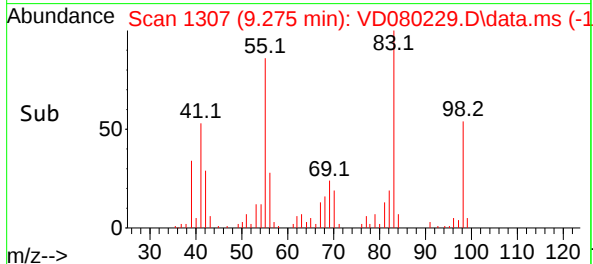
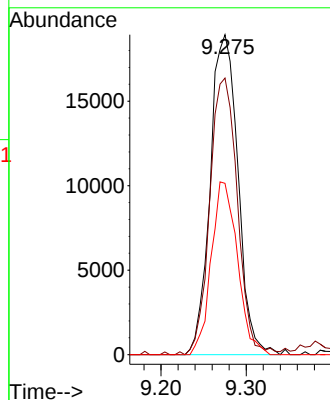
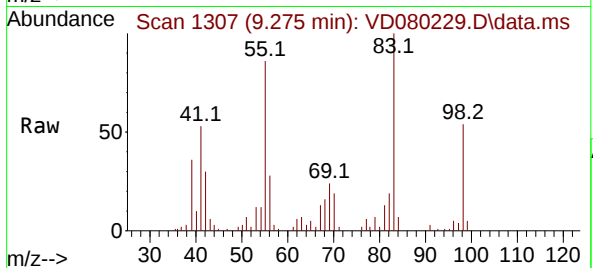
Tgt Ion: 83 Resp: 42880

Ion	Ratio	Lower	Upper
83	100		
55	85.6	62.5	93.7
98	53.6	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#40

Benzene

Concen: 20.330 ug/l

RT: 8.252 min Scan# 1133

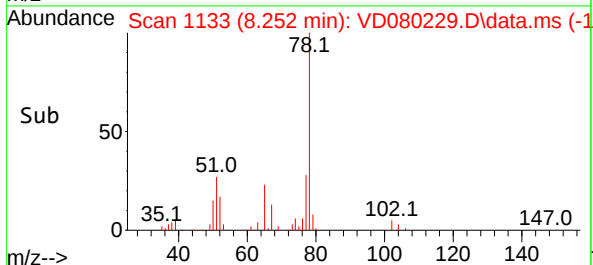
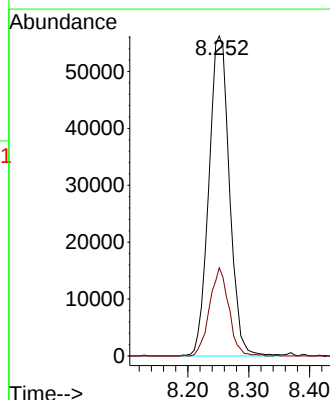
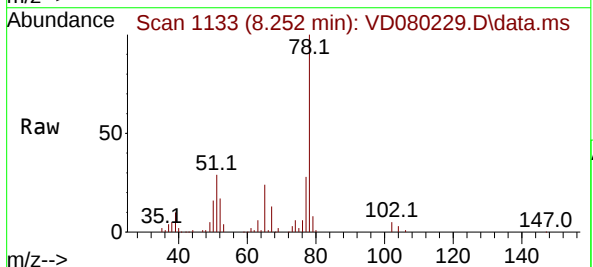
Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion: 78 Resp: 132115

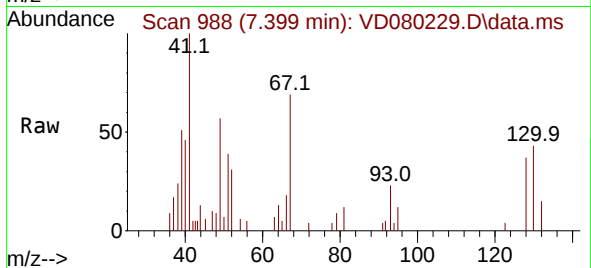
Ion	Ratio	Lower	Upper
78	100		
77	27.6	19.2	28.8





#41
Methacrylonitrile
Concen: 16.346 ug/l
RT: 7.399 min Scan# 914
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

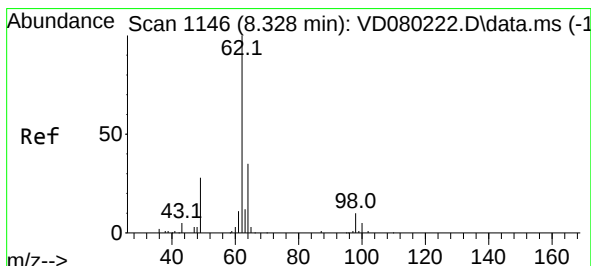
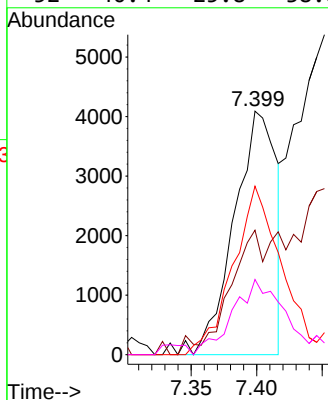
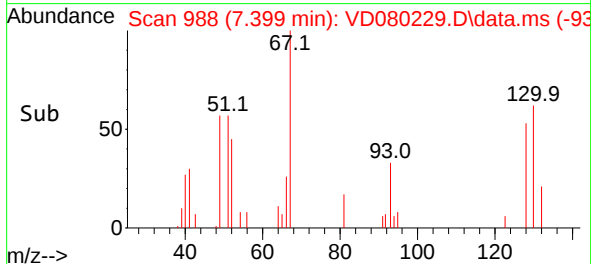
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 41 Resp: 914
Ion Ratio Lower Upper
41 100
39 40.9 44.7 67.1
67 80.2 55.0 82.4
52 40.4 25.8 38.8#

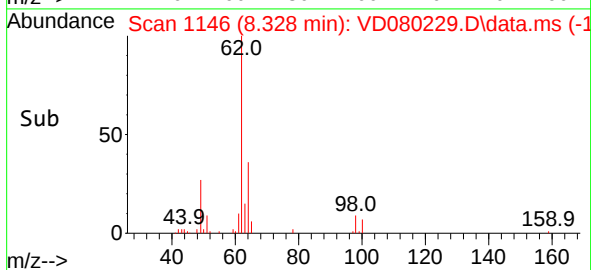
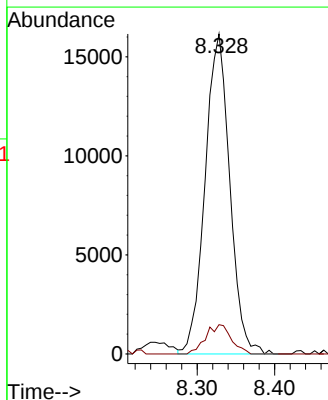
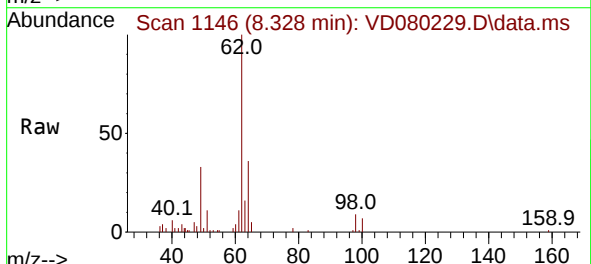
Manual Integrations
APPROVED

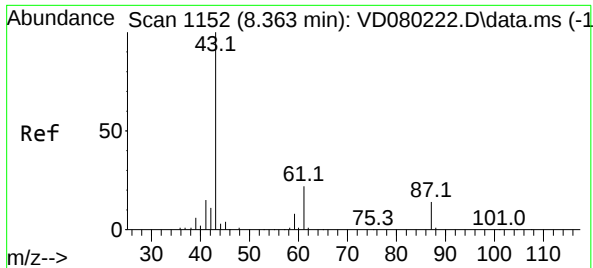
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#42
1,2-Dichloroethane
Concen: 19.340 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 62 Resp: 35766
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





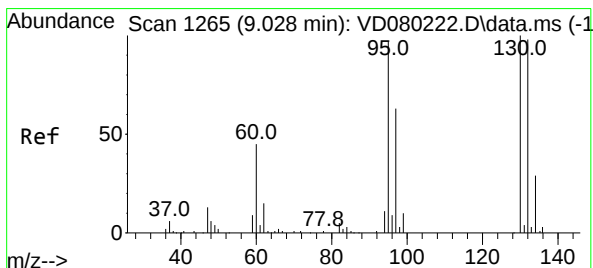
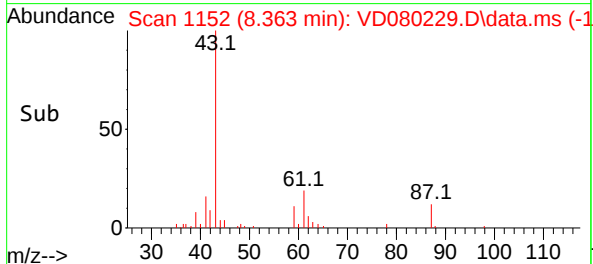
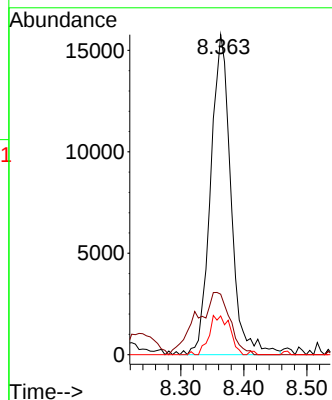
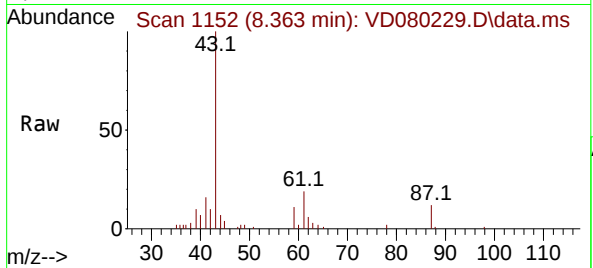
#43
Isopropyl Acetate
Concen: 19.548 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion: 43 Resp: 35270
Ion Ratio Lower Upper
43 100
61 19.5 25.0 37.4
87 12.5 10.7 16.1

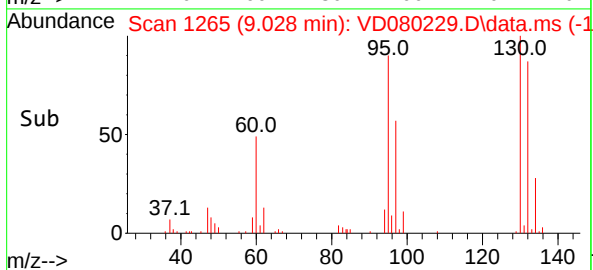
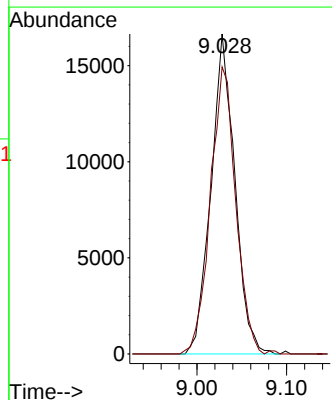
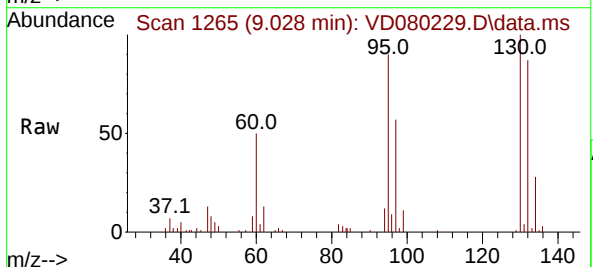
Manual Integrations
APPROVED

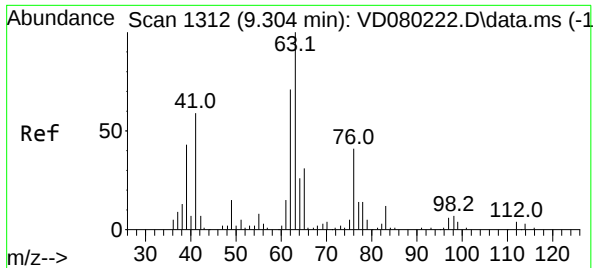
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#44
Trichloroethene
Concen: 20.466 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion:130 Resp: 30725
Ion Ratio Lower Upper
130 100
95 89.7 0.0 194.2





#45

1,2-Dichloropropane

Concen: 18.902 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBSD01

Tgt Ion: 63 Resp: 3089

Ion Ratio Lower Upper

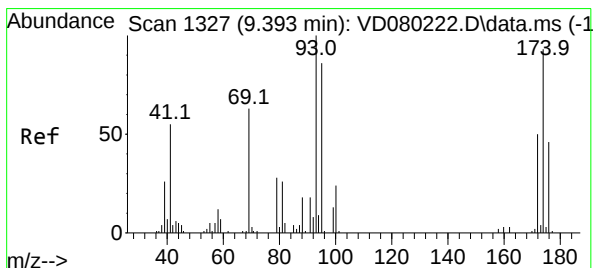
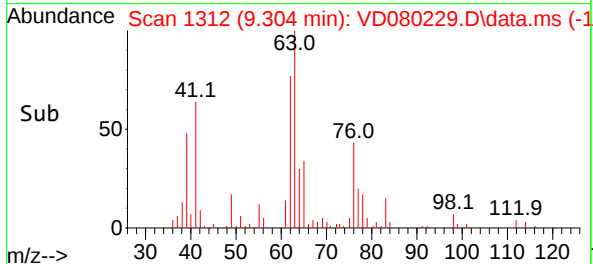
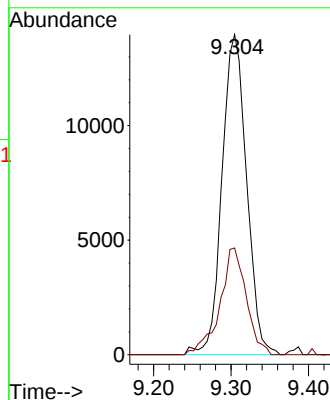
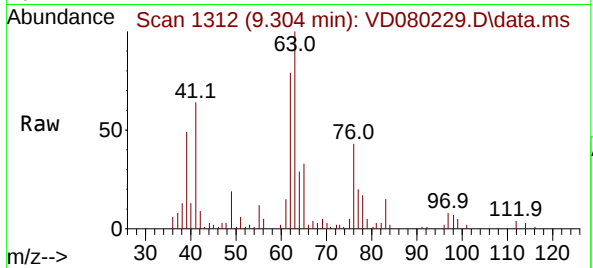
63 100

65 33.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#46

Dibromomethane

Concen: 19.947 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

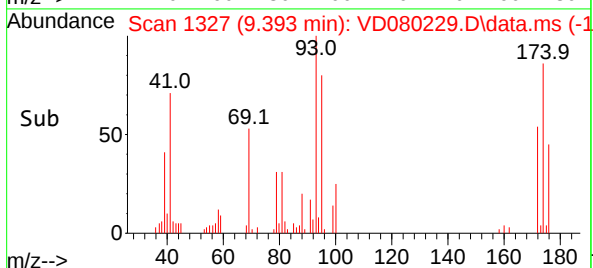
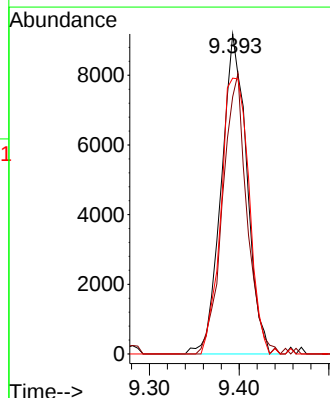
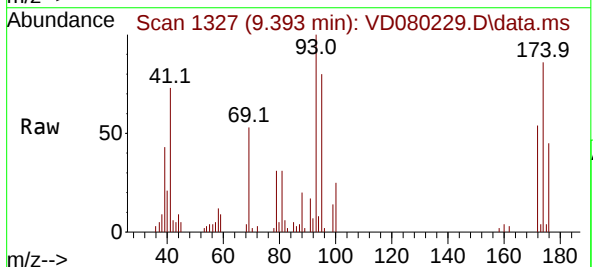
Tgt Ion: 93 Resp: 18165

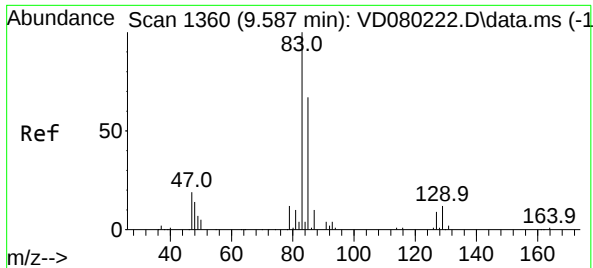
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 94.4 76.8 115.2





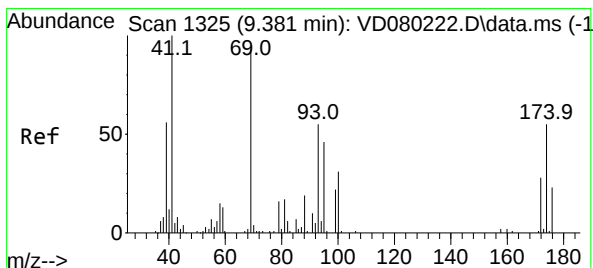
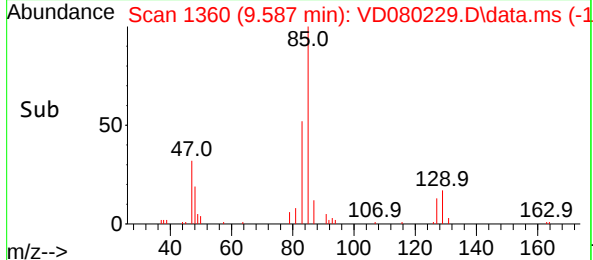
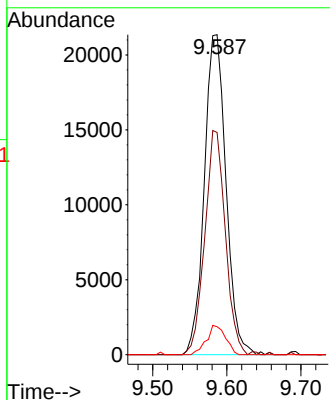
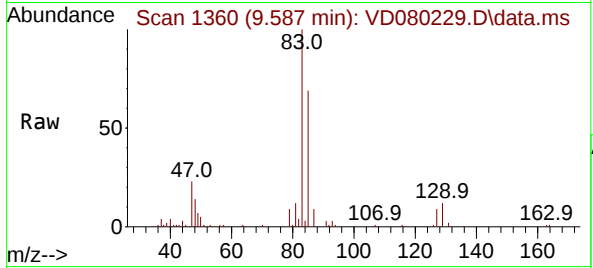
#47
Bromodichloromethane
Concen: 18.930 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion: 83 Resp: 4347
Ion Ratio Lower Upper
83 100
85 69.4 53.6 80.4
127 8.8 7.4 11.2

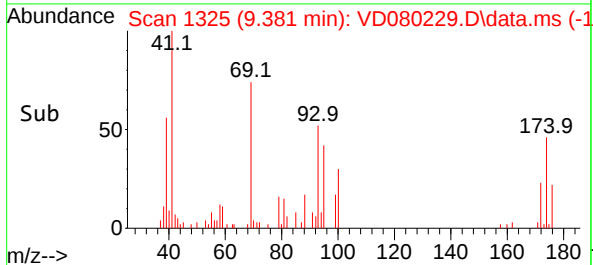
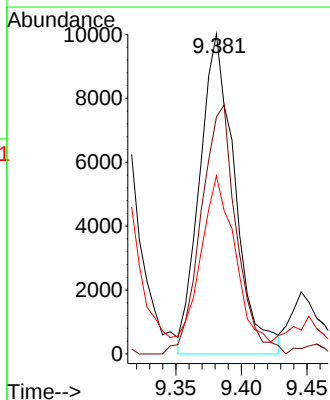
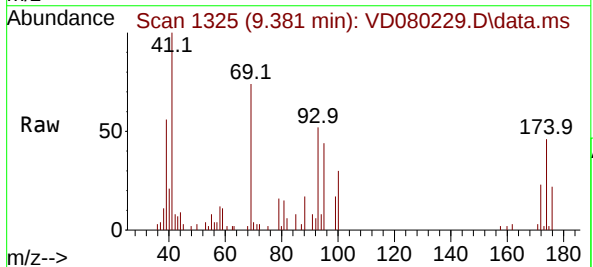
Manual Integrations
APPROVED

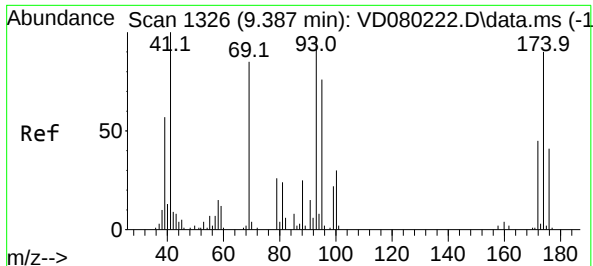
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#48
Methyl methacrylate
Concen: 22.356 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

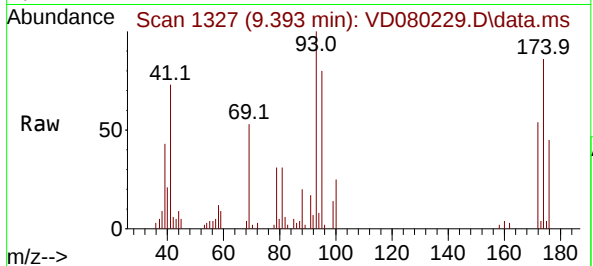
Tgt Ion: 41 Resp: 18666
Ion Ratio Lower Upper
41 100
69 77.9 73.7 110.5
39 48.1 49.4 74.2#





#49
1,4-Dioxane
Concen: 426.877 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

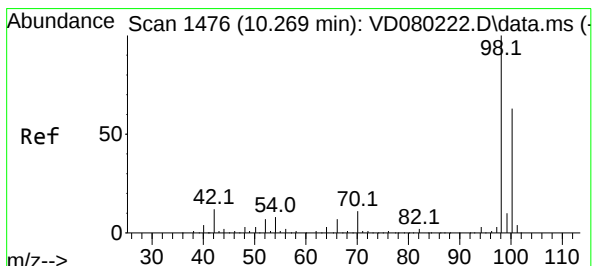
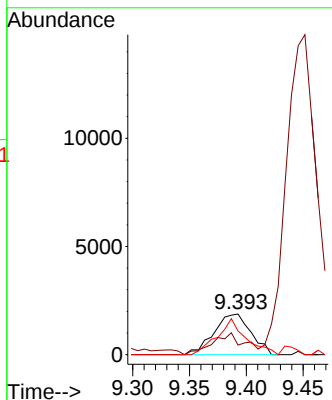
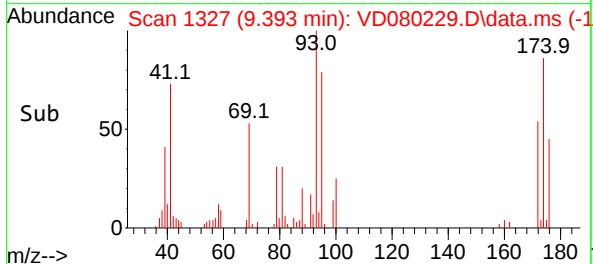
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 88 Resp: 4229
Ion Ratio Lower Upper
88 100
43 46.9 28.5 42.7
58 69.6 56.3 84.5

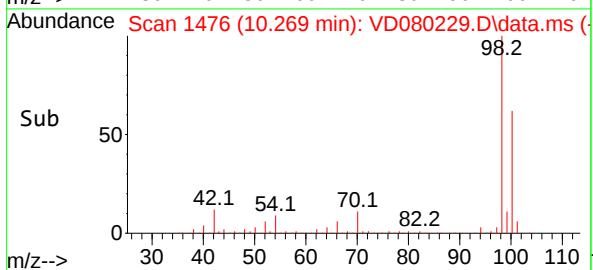
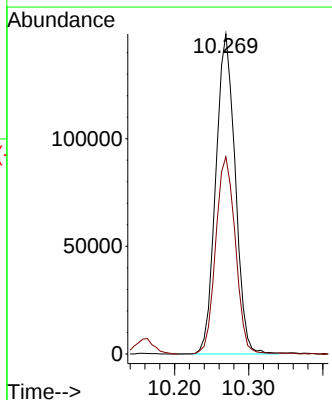
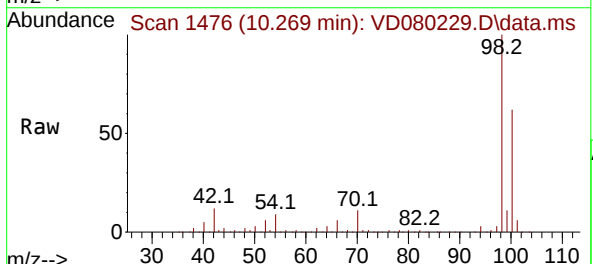
Manual Integrations
APPROVED

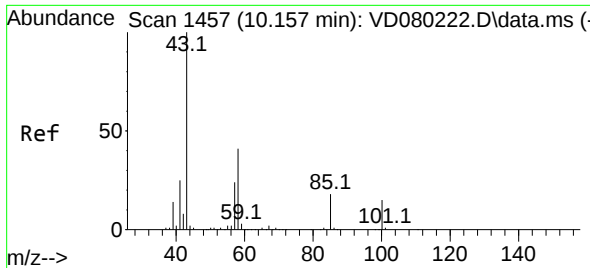
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#50
Toluene-d8
Concen: 50.302 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 98 Resp: 270015
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.4





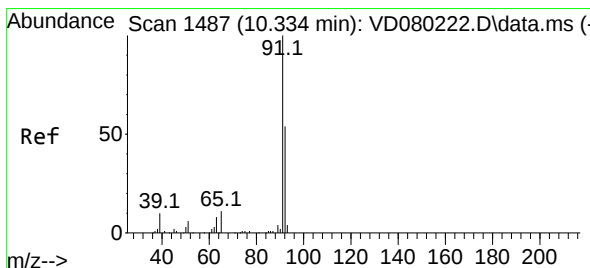
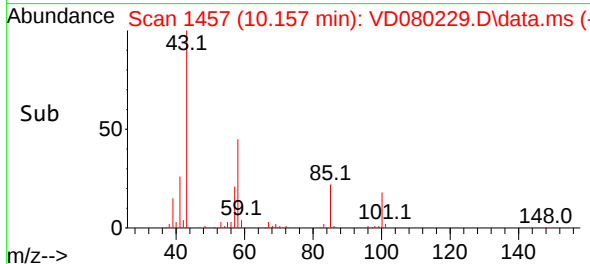
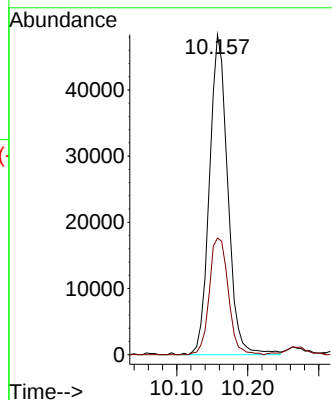
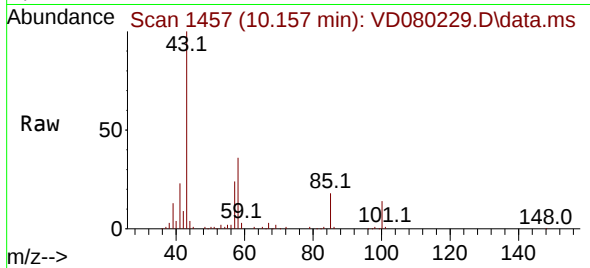
#51
4-Methyl-2-Pentanone
Concen: 94.941 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion: 43 Resp: 86619
Ion Ratio Lower Upper
43 100
58 37.7 31.1 46.7

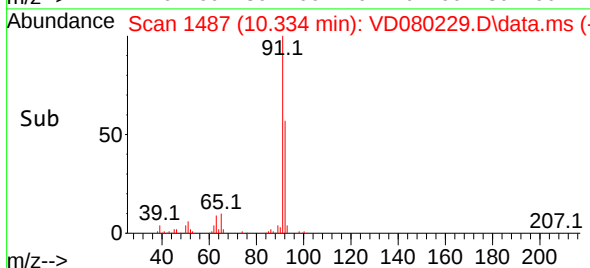
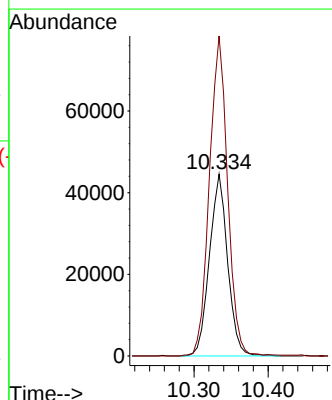
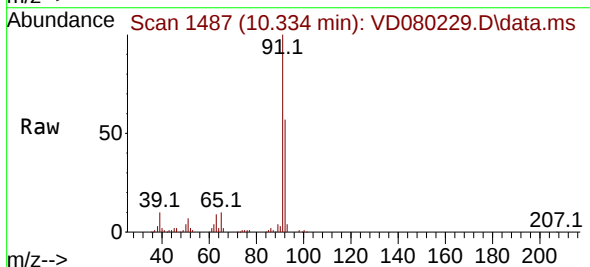
Manual Integrations
APPROVED

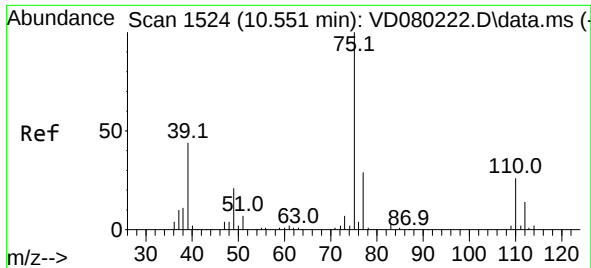
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#52
Toluene
Concen: 19.993 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

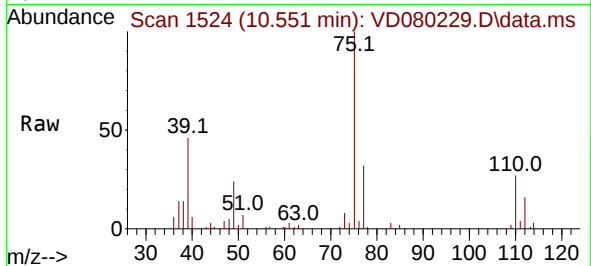
Tgt Ion: 92 Resp: 75995
Ion Ratio Lower Upper
92 100
91 175.6 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 18.280 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

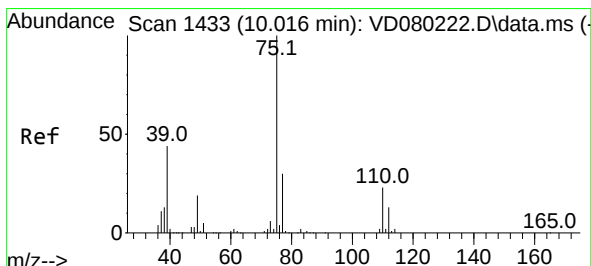
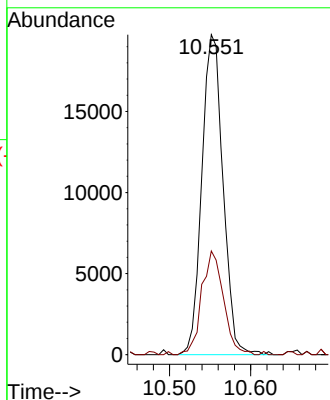
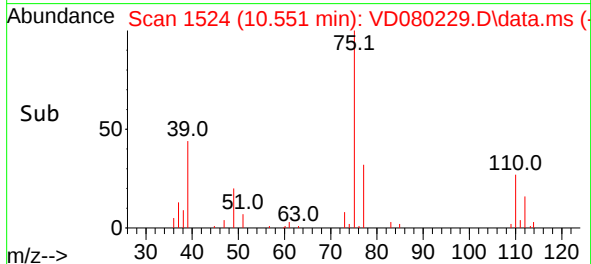
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



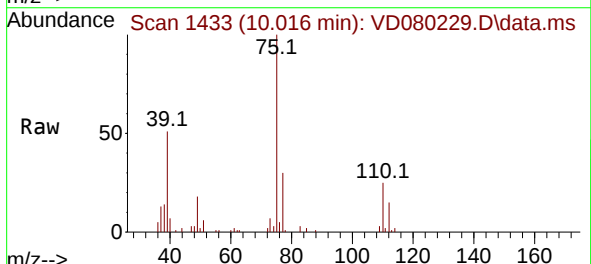
Tgt Ion: 75 Resp: 3578
Ion Ratio Lower Upper
75 100
77 32.4 23.0 34.4

Manual Integrations
APPROVED

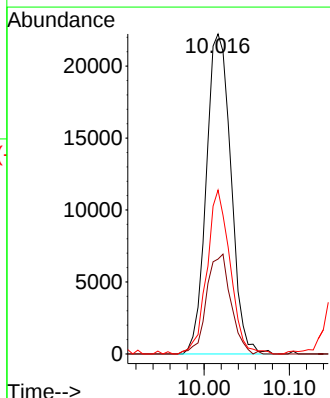
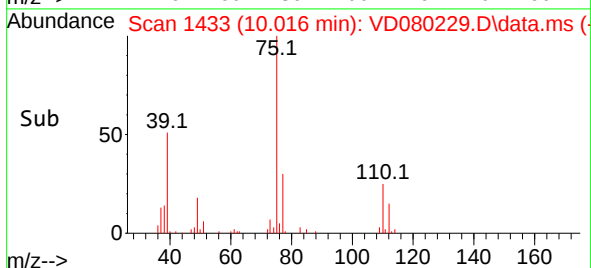
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

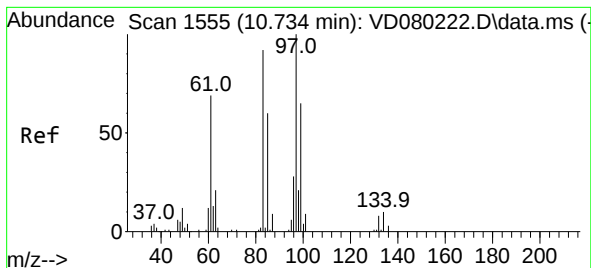


#54
cis-1,3-Dichloropropene
Concen: 18.752 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33



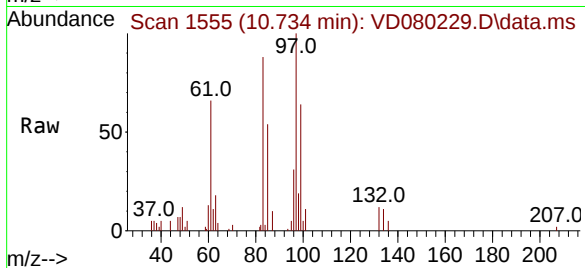
Tgt Ion: 75 Resp: 44655
Ion Ratio Lower Upper
75 100
77 29.7 24.1 36.1
39 51.2 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 17.945 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

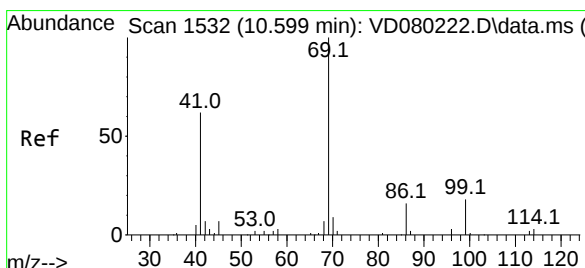
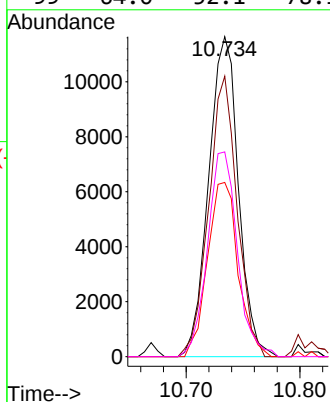
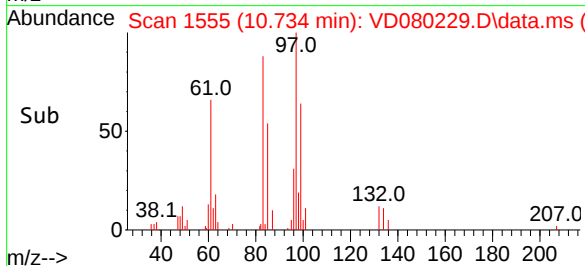
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



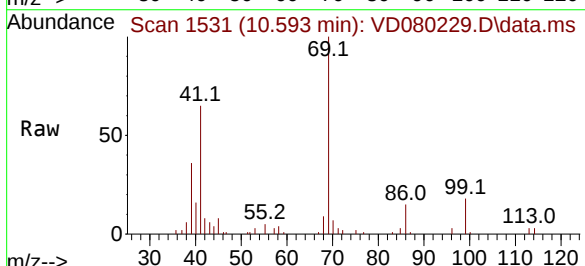
Tgt Ion:	97	Resp:	21234
Ion Ratio	100	Lower	Upper
97	100		
83	87.6	73.9	110.9
85	54.5	48.2	72.2
99	64.0	52.1	78.1

Manual Integrations
APPROVED

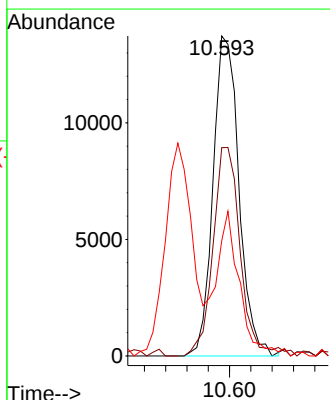
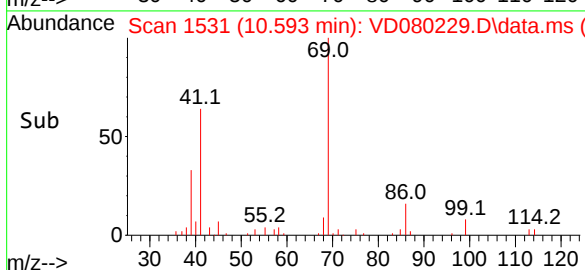
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

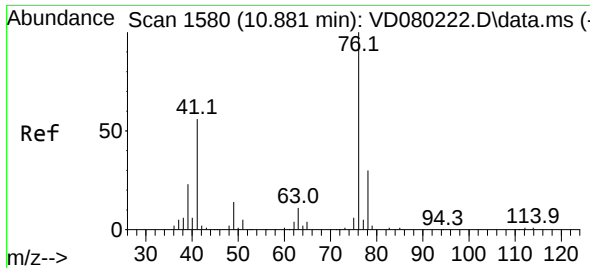


#56
Ethyl methacrylate
Concen: 17.146 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33



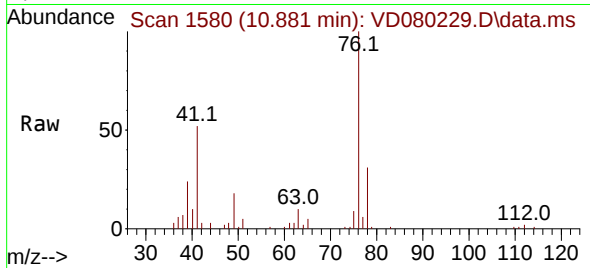
Tgt Ion:	69	Resp:	23150
Ion Ratio	100	Lower	Upper
69	100		
41	68.8	51.8	77.6
39	42.0	28.7	43.1





#57
1,3-Dichloropropane
Concen: 17.656 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

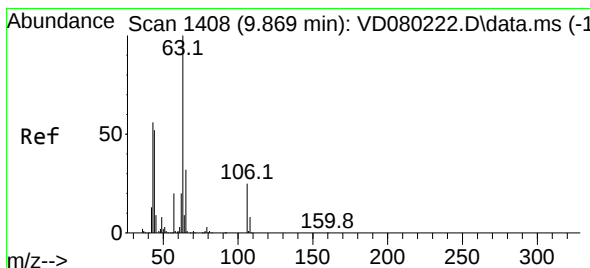
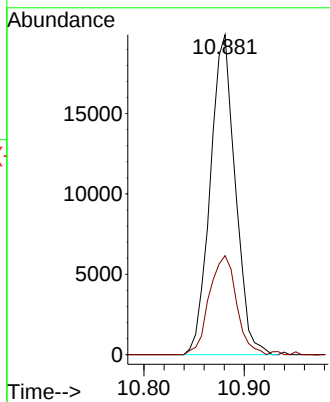
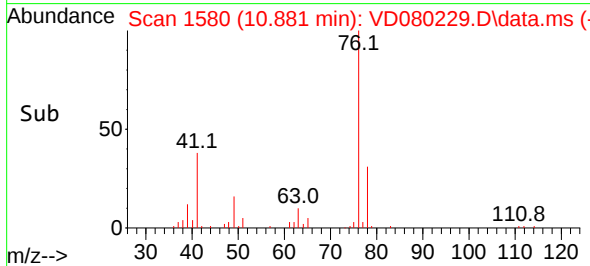
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 76 Resp: 3455
Ion Ratio Lower Upper
76 100
78 33.6 25.0 37.4

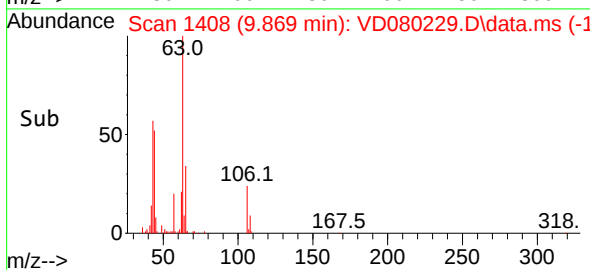
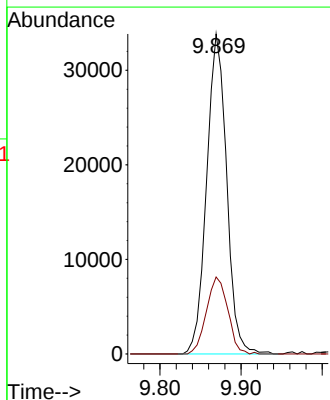
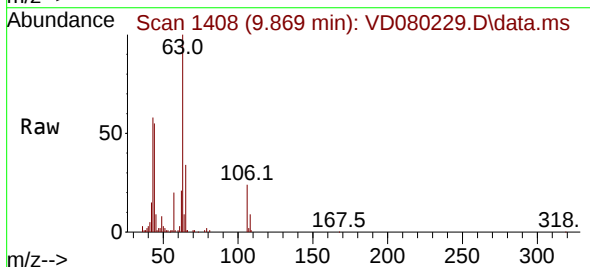
Manual Integrations
APPROVED

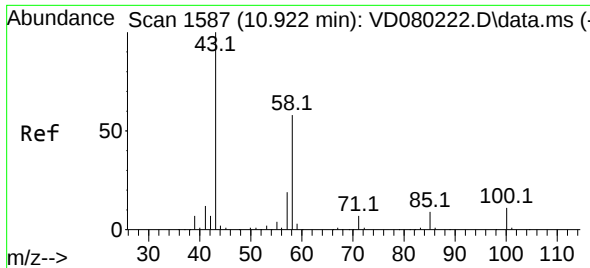
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 100.545 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

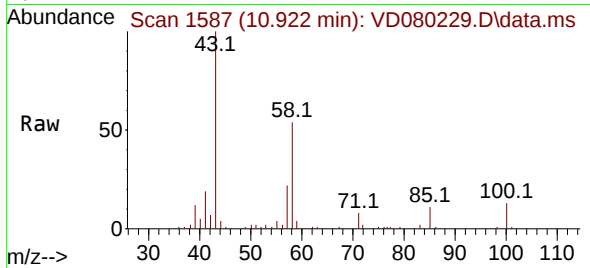
Tgt Ion: 63 Resp: 57940
Ion Ratio Lower Upper
63 100
106 25.6 20.6 30.8





#59
2-Hexanone
Concen: 85.728 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

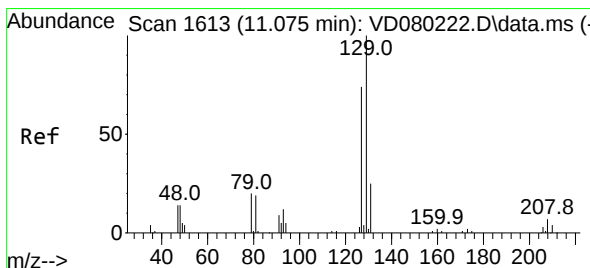
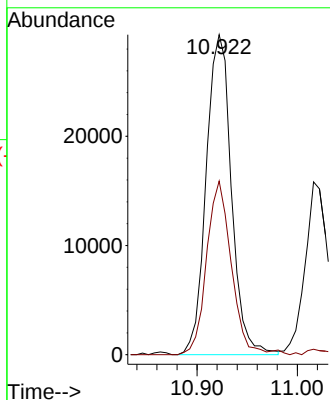
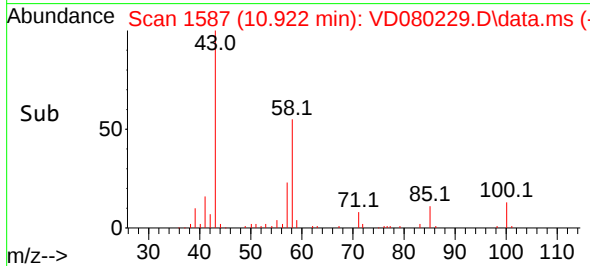
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 43 Resp: 51324
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.2

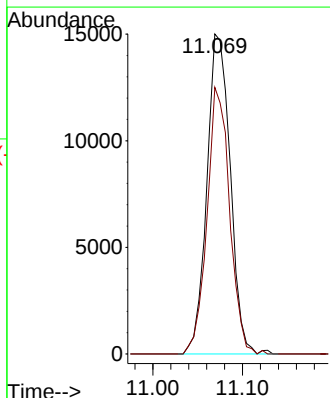
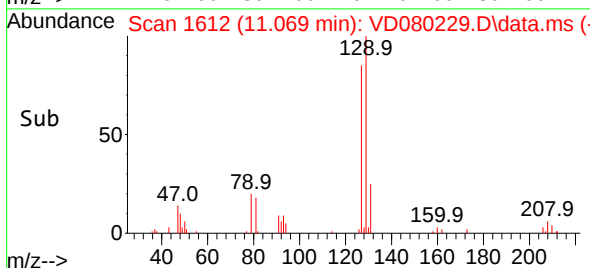
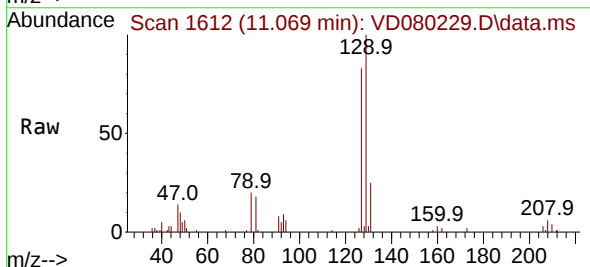
Manual Integrations
APPROVED

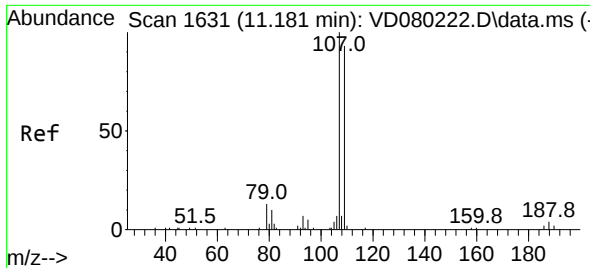
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#60
Dibromochloromethane
Concen: 18.601 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion:129 Resp: 27129
Ion Ratio Lower Upper
129 100
127 80.6 38.1 114.5





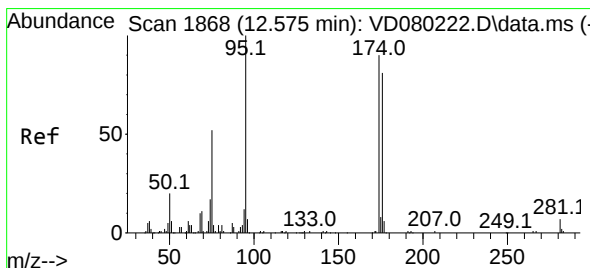
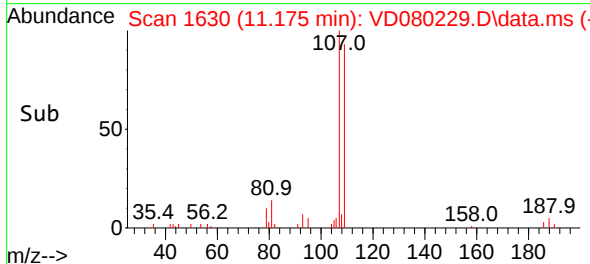
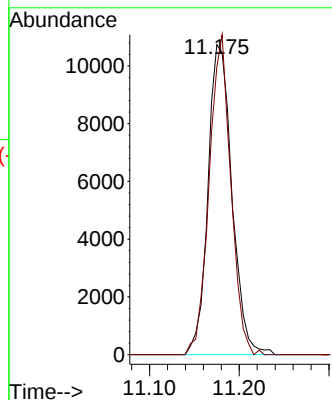
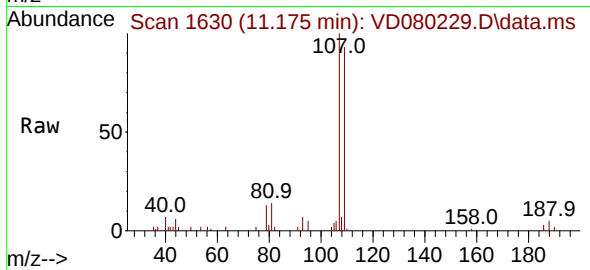
#61
1,2-Dibromoethane
Concen: 18.501 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion:107 Resp: 19938
Ion Ratio Lower Upper
107 100
109 92.9 75.1 112.7

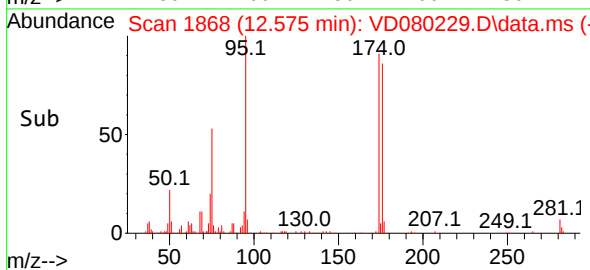
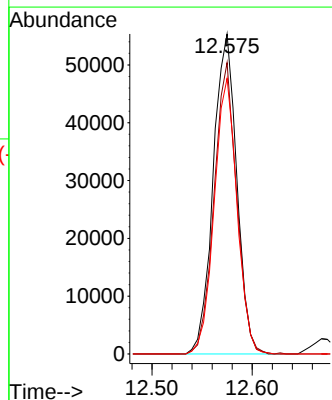
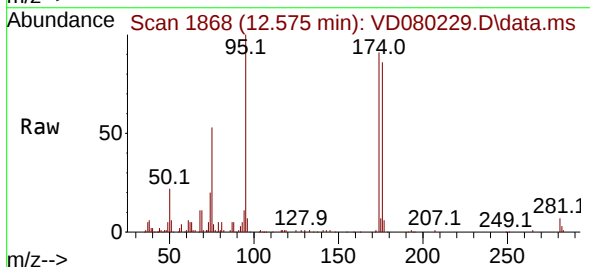
Manual Integrations
APPROVED

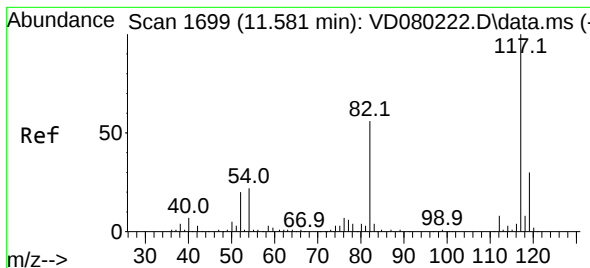
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#62
4-Bromofluorobenzene
Concen: 52.406 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

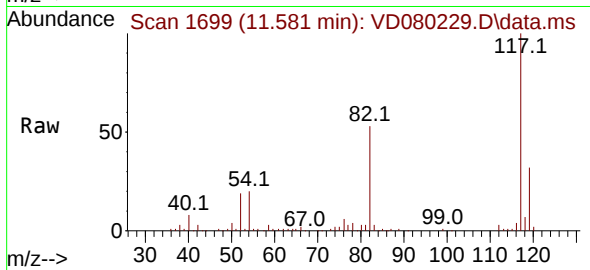
Tgt Ion: 95 Resp: 90262
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.8
176 83.3 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

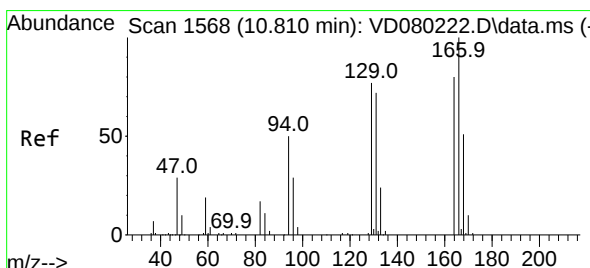
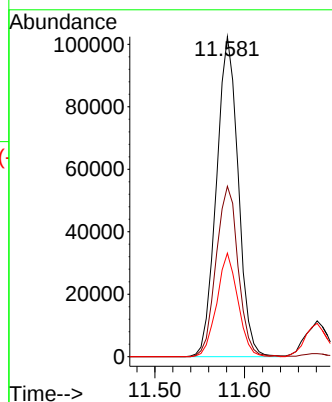
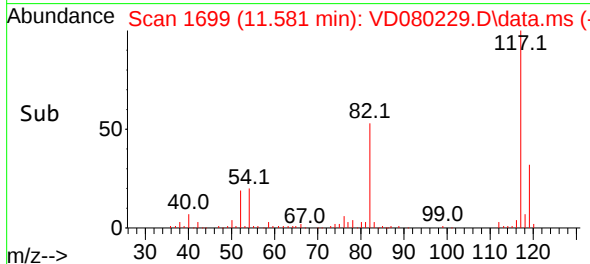
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion:117 Resp: 172870
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.6
119 32.3 24.3 36.5

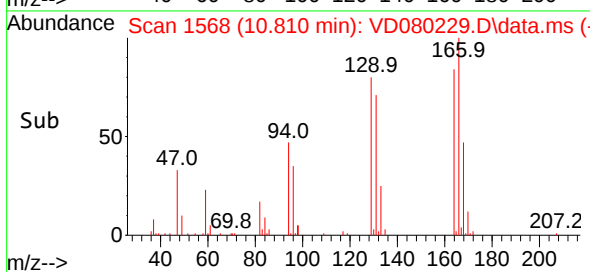
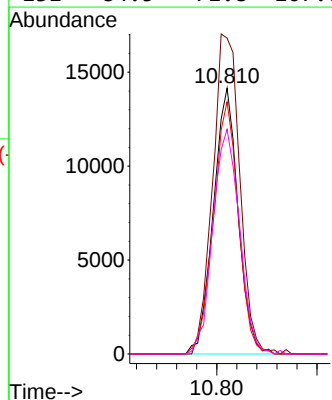
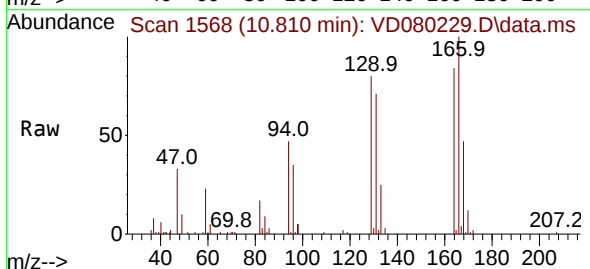
Manual Integrations
APPROVED

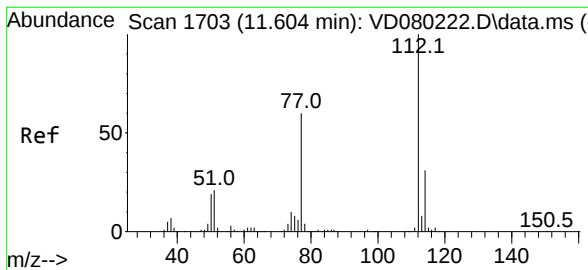
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#64
Tetrachloroethene
Concen: 20.084 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

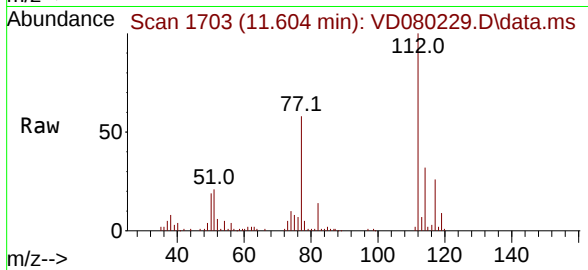
Tgt Ion:164 Resp: 24254
Ion Ratio Lower Upper
164 100
166 118.8 99.4 149.2
129 94.9 76.3 114.5
131 84.5 71.8 107.6





#65
Chlorobenzene
Concen: 19.563 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

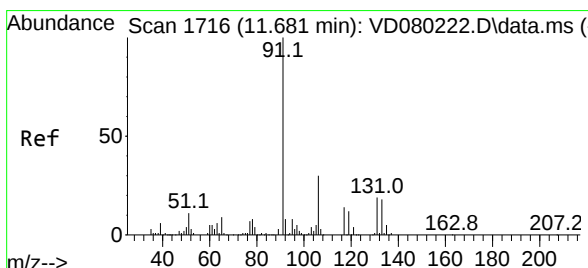
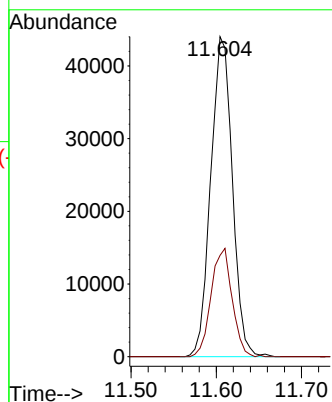
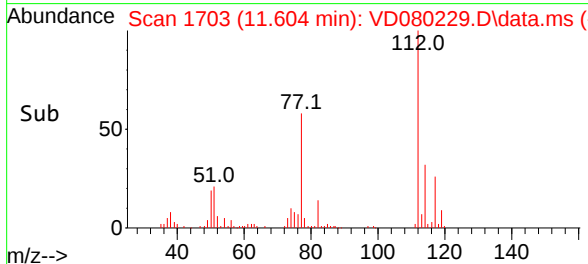
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



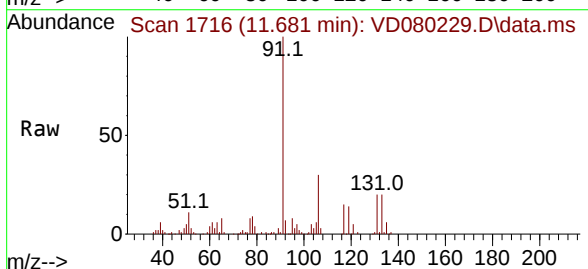
Tgt Ion:112 Resp: 77524
Ion Ratio Lower Upper
112 100
114 31.7 24.5 36.7

Manual Integrations
APPROVED

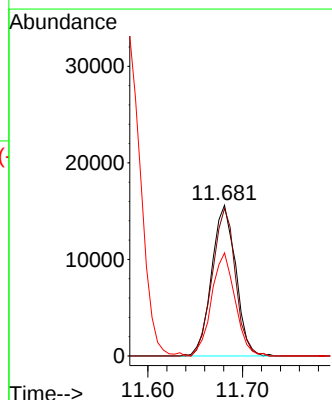
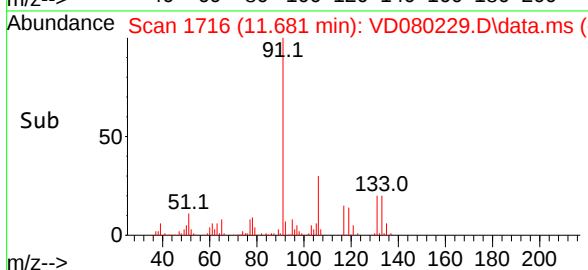
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

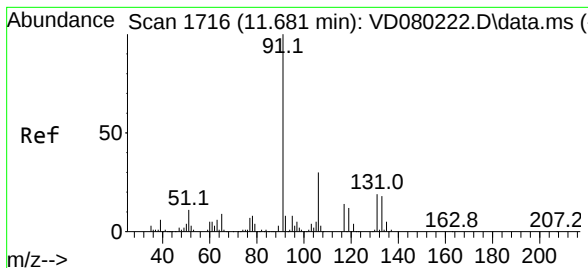


#66
1,1,1,2-Tetrachloroethane
Concen: 19.819 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33



Tgt Ion:131 Resp: 27474
Ion Ratio Lower Upper
131 100
133 94.9 45.9 137.7
119 67.0 33.9 101.6





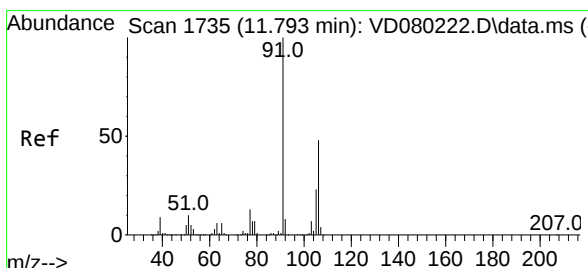
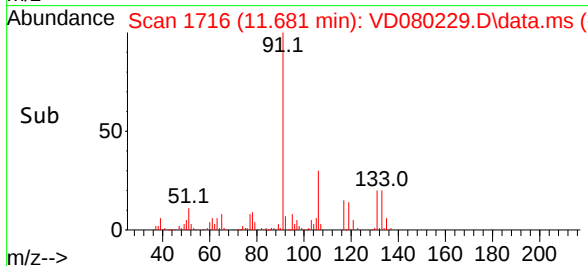
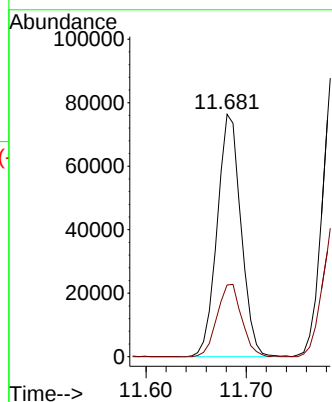
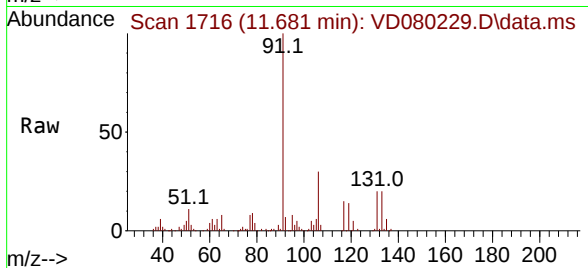
#67
Ethyl Benzene
Concen: 19.071 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion: 91 Resp: 125710
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

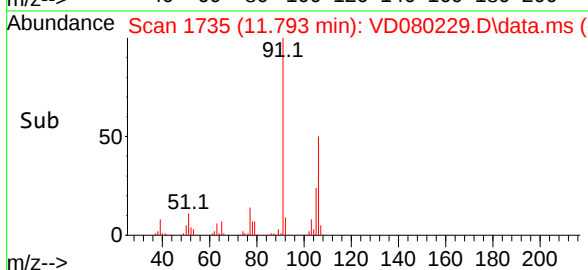
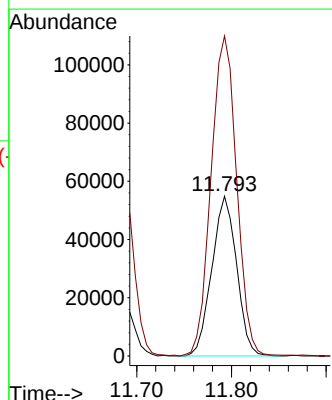
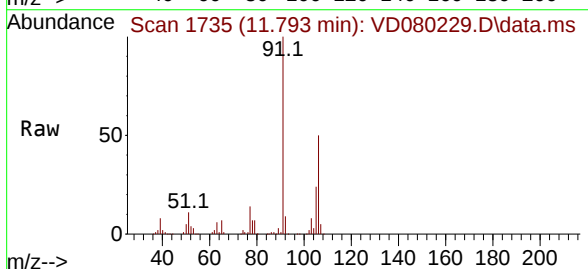
Manual Integrations
APPROVED

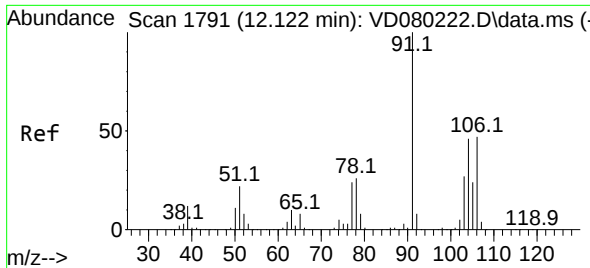
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#68
m/p-Xylenes
Concen: 38.932 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion:106 Resp: 99632
Ion Ratio Lower Upper
106 100
91 207.4 165.8 248.8





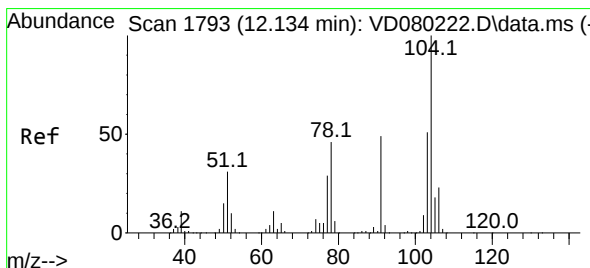
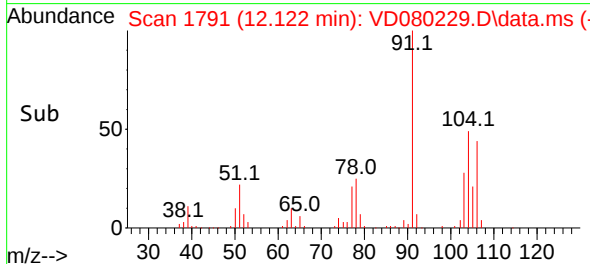
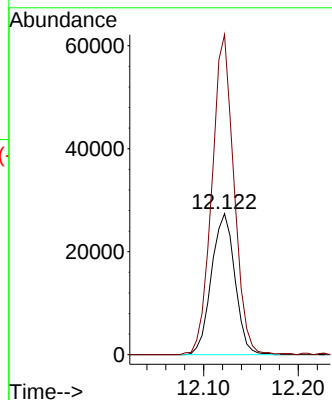
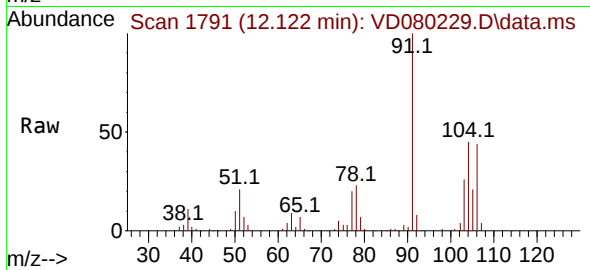
#69
o-Xylene
Concen: 20.199 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion:106 Resp: 47138
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.3

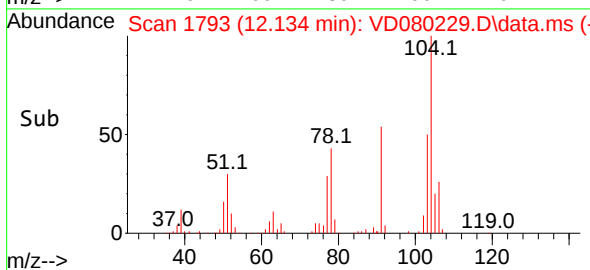
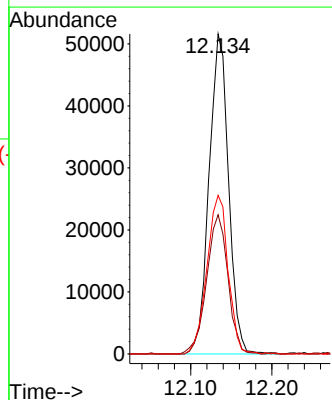
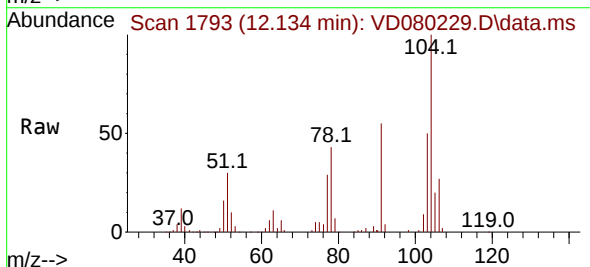
Manual Integrations
APPROVED

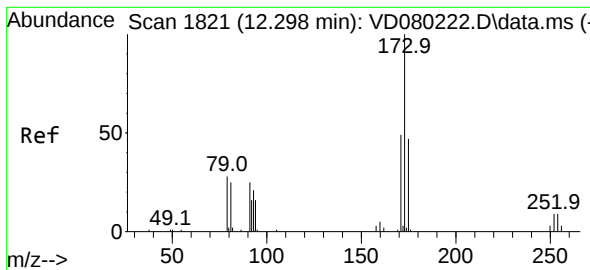
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#70
Styrene
Concen: 20.674 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

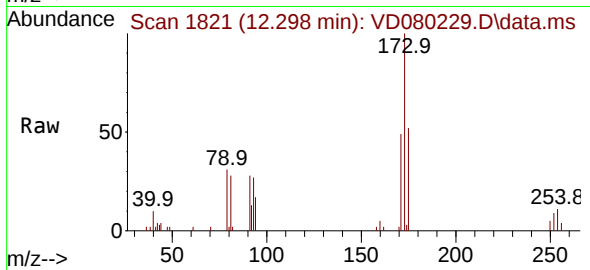
Tgt Ion:104 Resp: 85880
Ion Ratio Lower Upper
104 100
78 47.6 40.7 61.1
103 53.9 45.0 67.4





#71
Bromoform
Concen: 20.964 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

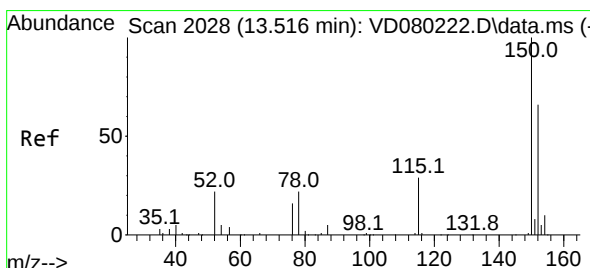
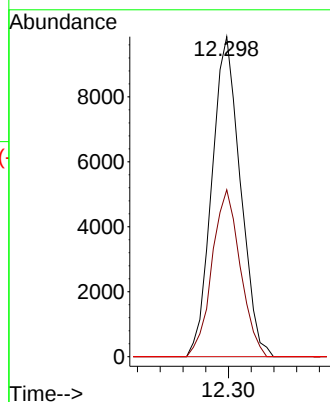
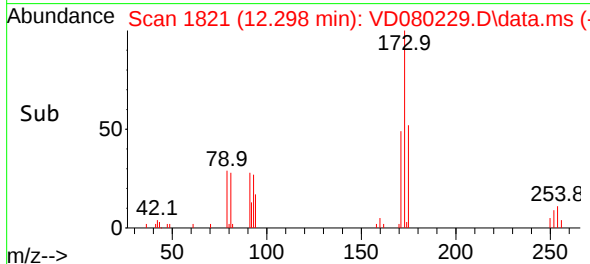
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion:173 Resp: 1713
Ion Ratio Lower Upper
173 100
175 51.7 23.4 70.0
254 0.0 0.0 0.0

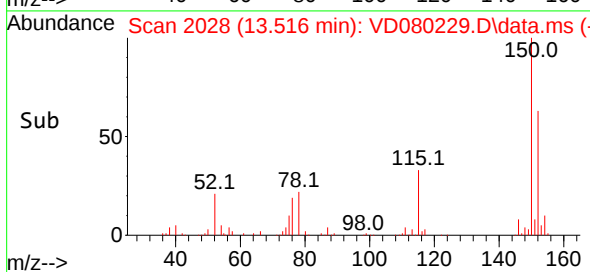
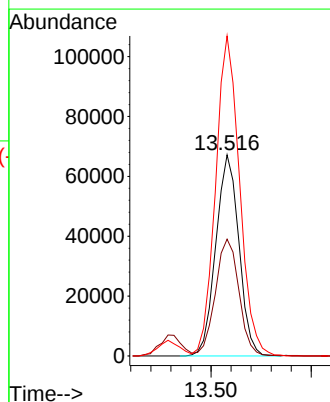
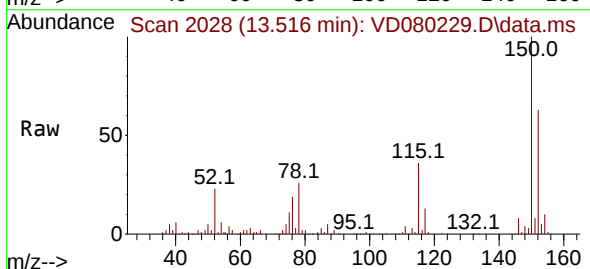
Manual Integrations
APPROVED

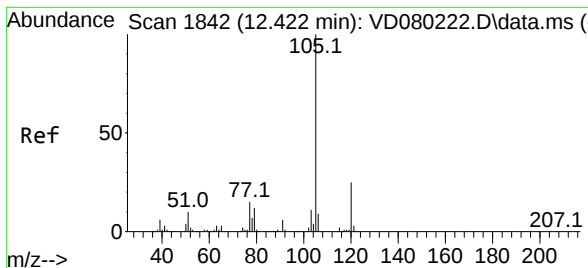
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

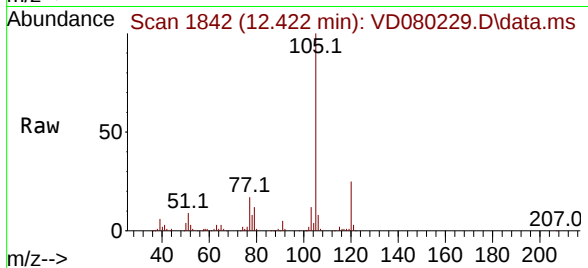
Tgt Ion:152 Resp: 107072
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.1
150 165.3 0.0 350.4





#73
Isopropylbenzene
Concen: 17.142 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

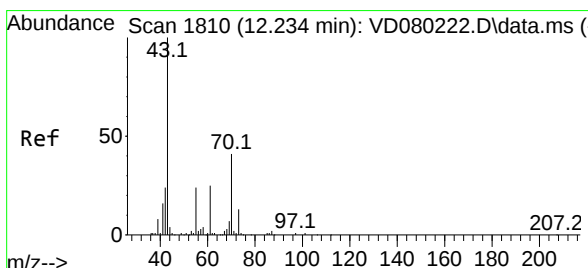
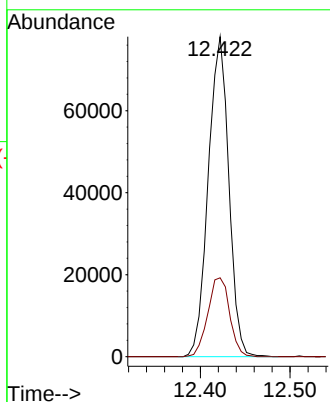
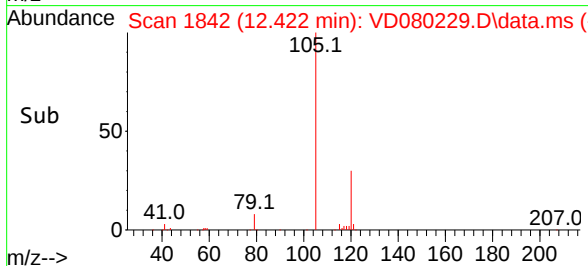
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 105 Resp: 12414
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

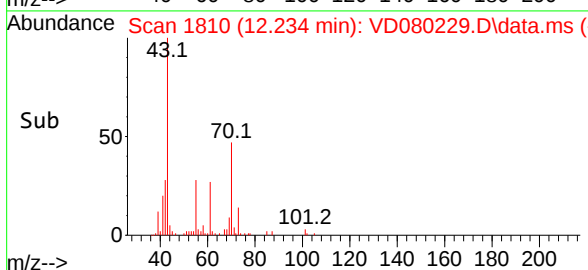
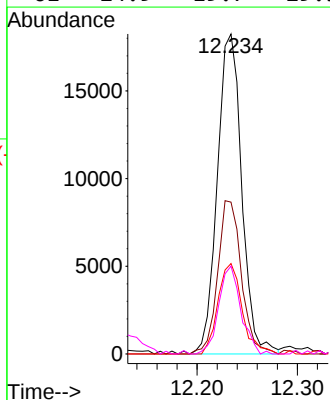
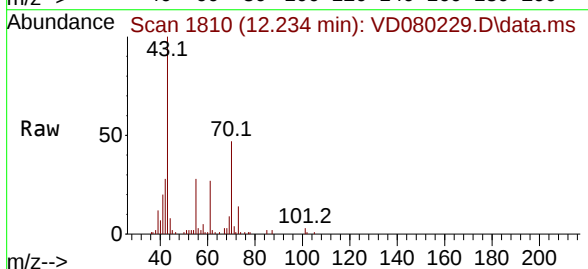
Manual Integrations
APPROVED

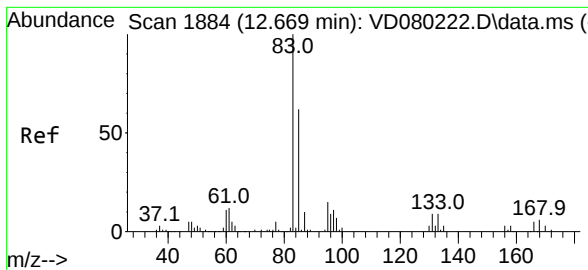
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#74
N-ethyl acetate
Concen: 16.208 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

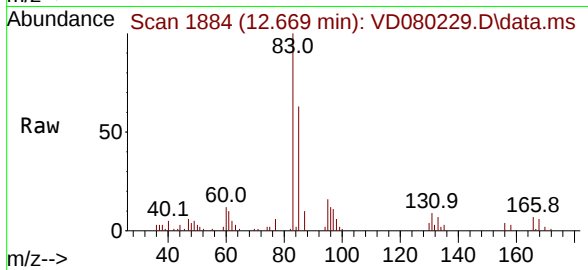
Tgt Ion: 43 Resp: 30855
Ion Ratio Lower Upper
43 100
70 46.3 33.6 50.4
55 27.9 21.4 32.0
61 24.9 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.278 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

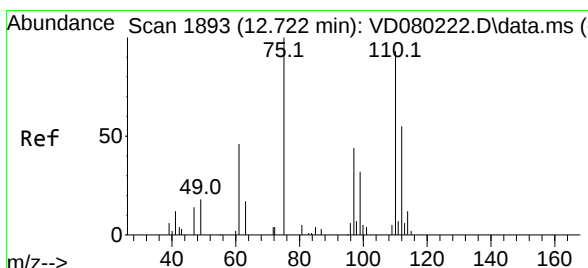
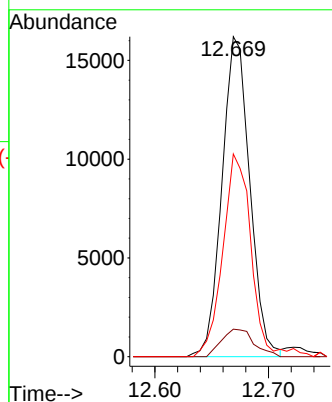
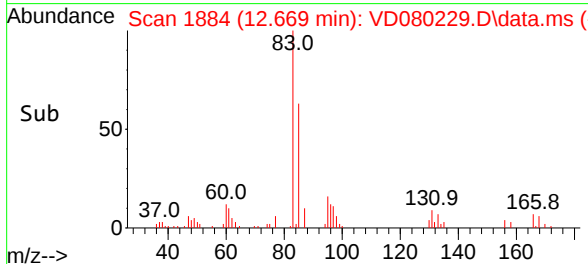
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



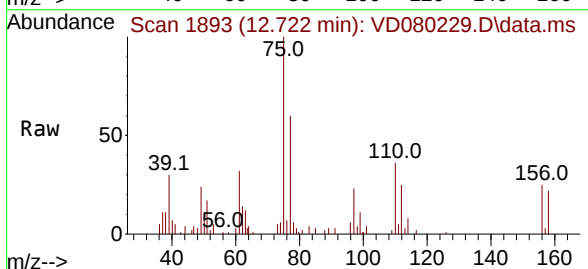
Tgt Ion: 83 Resp: 2754
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 64.8 32.4 97.0

Manual Integrations
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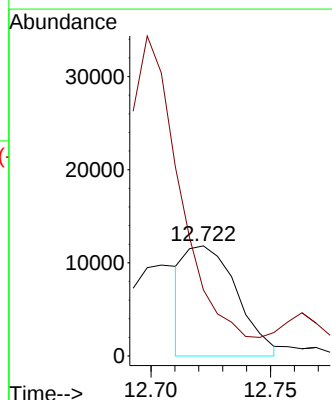
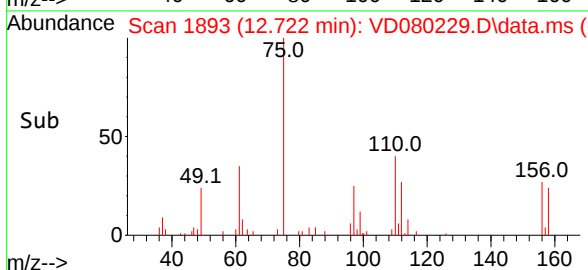
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

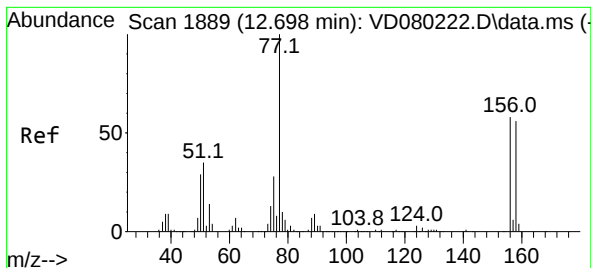


#76
1,2,3-Trichloropropane
Concen: 16.440 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33



Tgt Ion: 75 Resp: 17805
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.329 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

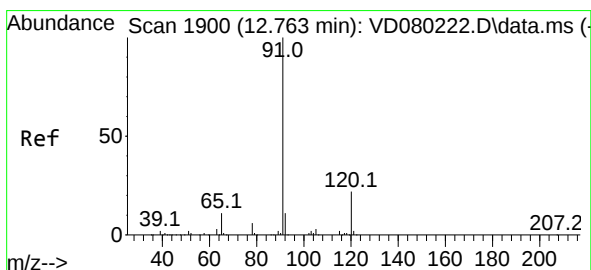
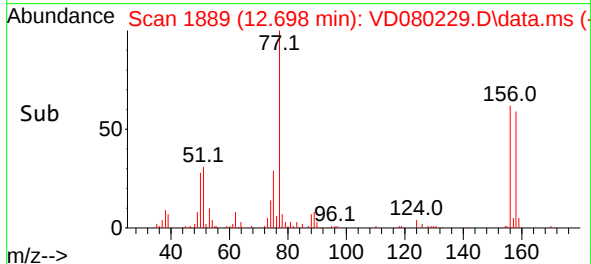
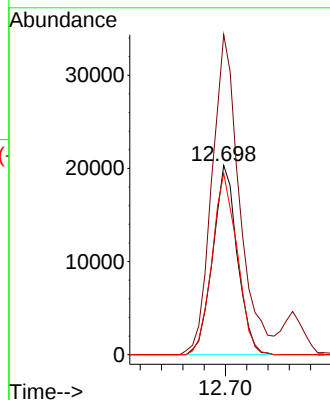
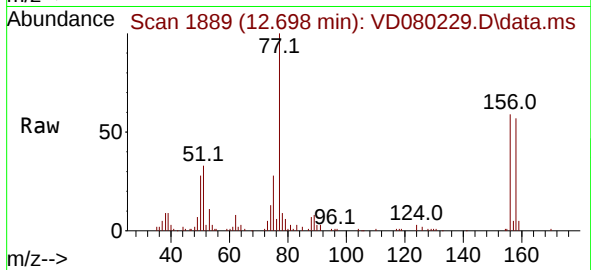
VD0203SBSD01

Tgt Ion:	156	Resp:	3237
Ion Ratio	Lower	Upper	
156	100		
77	190.8	95.2	285.4
158	98.4	47.8	143.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#78

n-propylbenzene

Concen: 17.458 ug/l

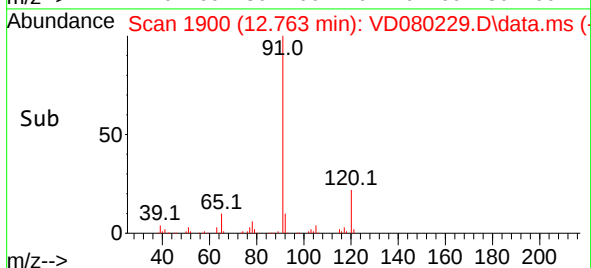
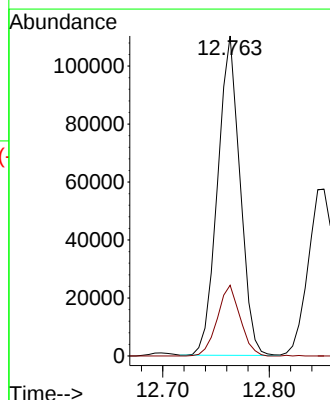
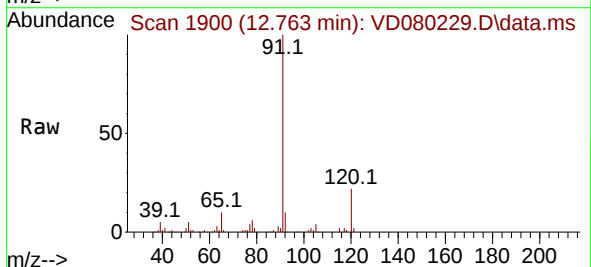
RT: 12.763 min Scan# 1900

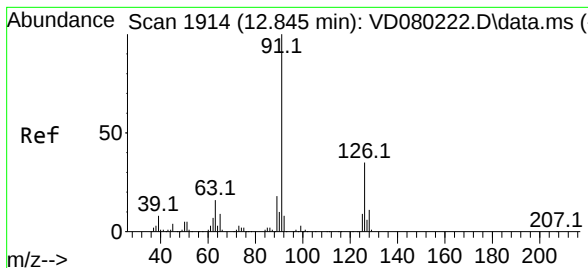
Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion:	91	Resp:	160976
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.0	33.0





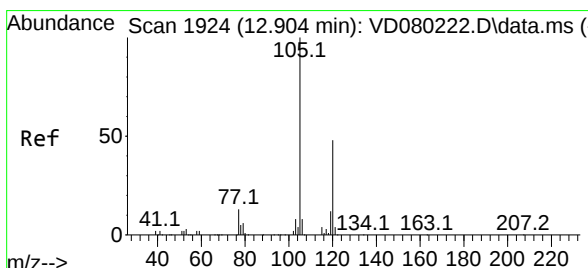
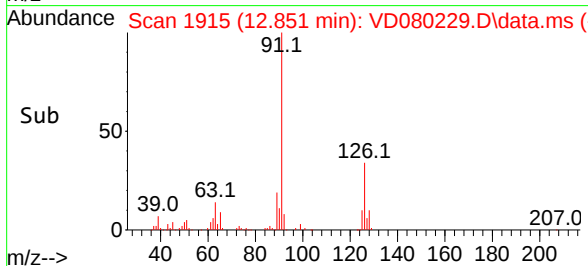
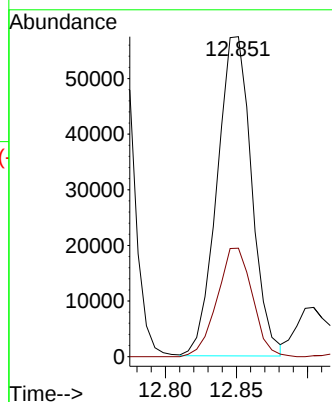
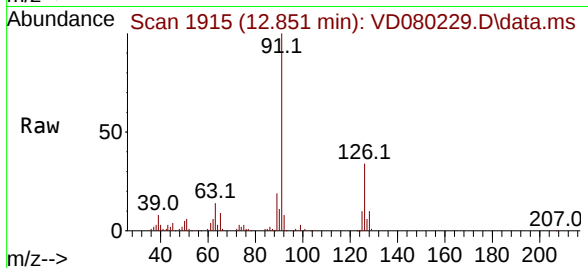
#79
2-Chlorotoluene
Concen: 18.617 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion: 91 Resp: 9752
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4

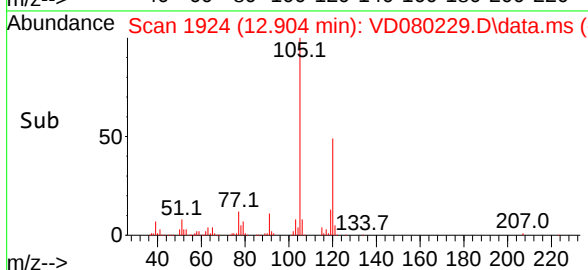
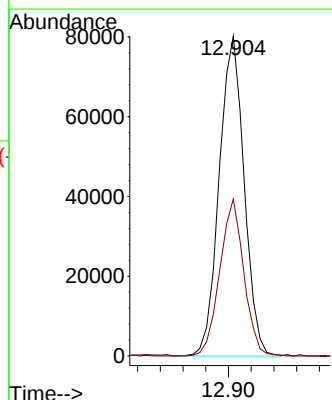
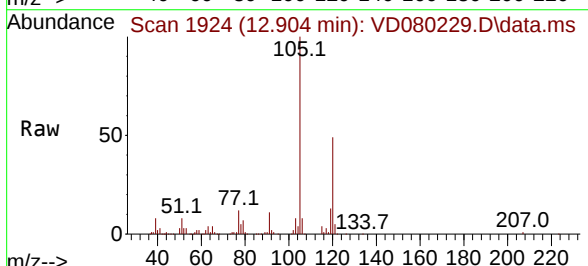
Manual Integrations
APPROVED

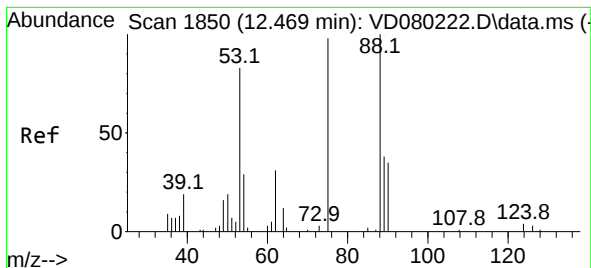
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.130 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

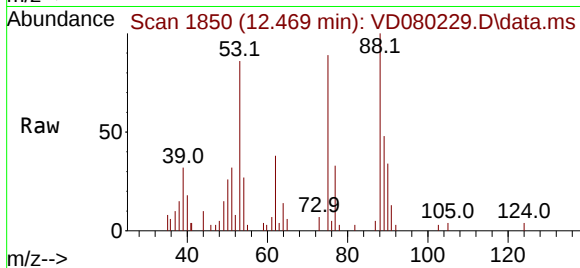
Tgt Ion:105 Resp: 121925
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.293 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

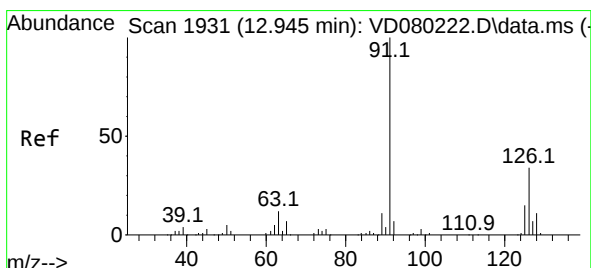
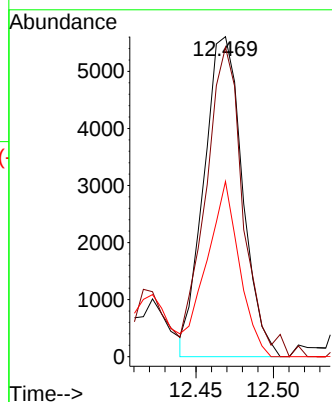
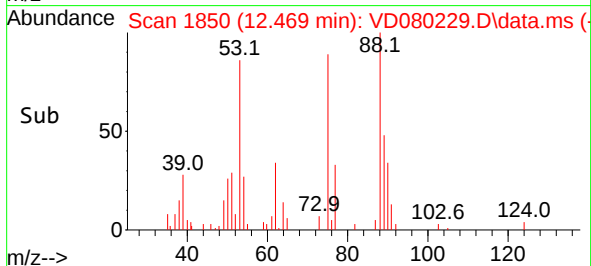
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 75 Resp: 9689
Ion Ratio Lower Upper
75 100
53 94.1 69.1 103.7
89 46.8 36.5 54.7

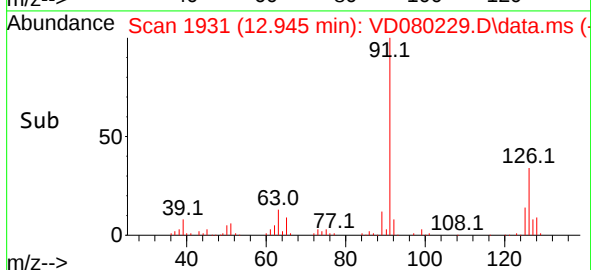
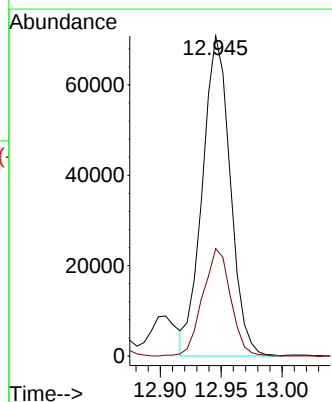
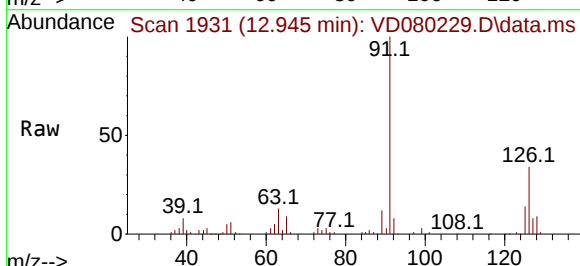
Manual Integrations
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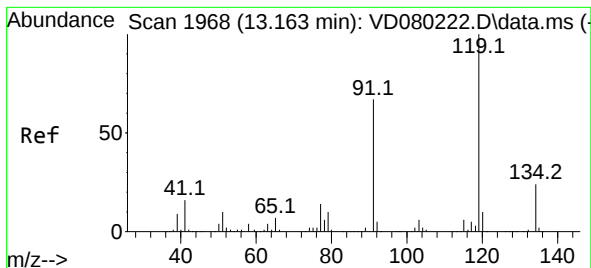
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#82
4-Chlorotoluene
Concen: 20.273 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 91 Resp: 112856
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6





#83

tert-Butylbenzene

Concen: 20.543 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

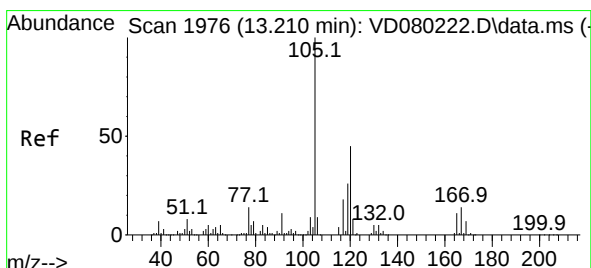
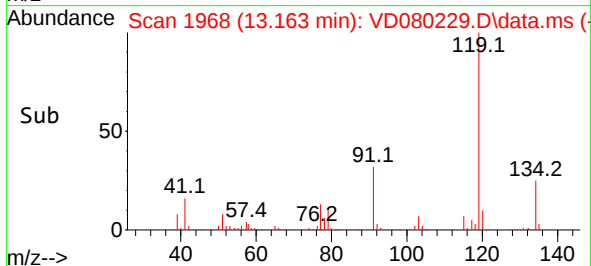
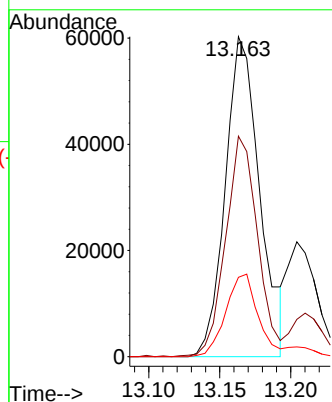
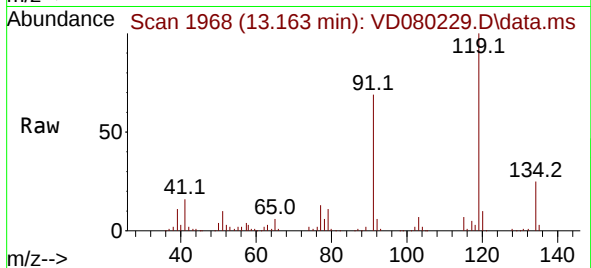
Tgt Ion:119 Resp: 10172

Ion	Ratio	Lower	Upper
119	100		
91	64.0	34.5	103.5
134	26.6	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.395 ug/l

RT: 13.210 min Scan# 1976

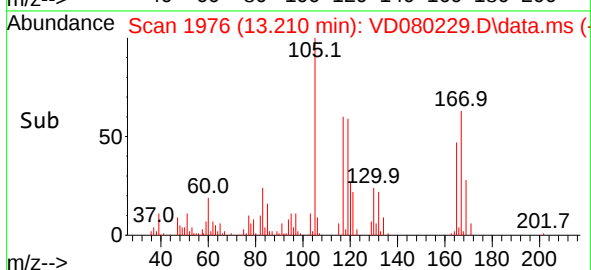
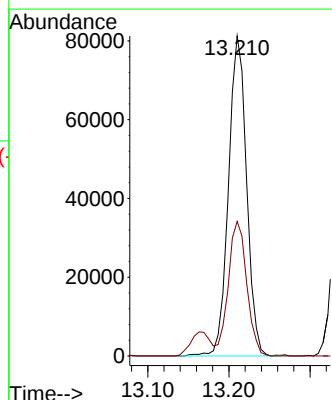
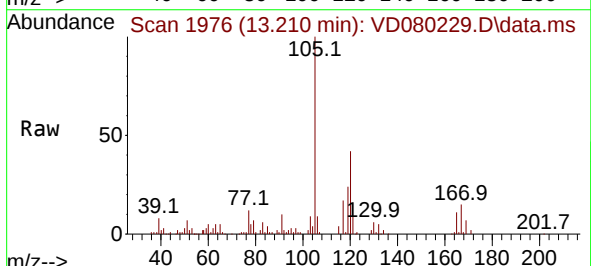
Delta R.T. 0.000 min

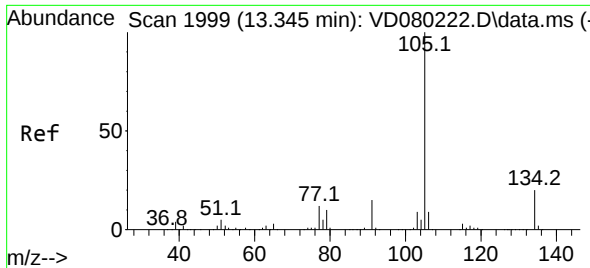
Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion:105 Resp: 125734

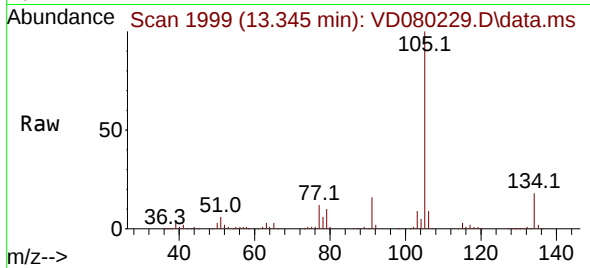
Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.1	66.5





#85
 sec-Butylbenzene
 Concen: 20.316 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

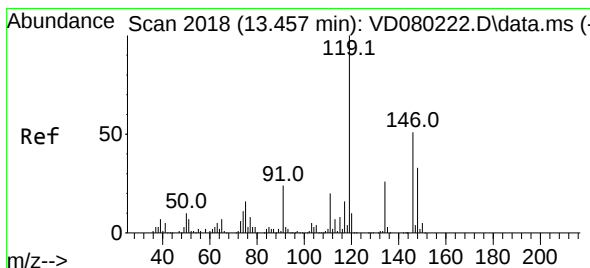
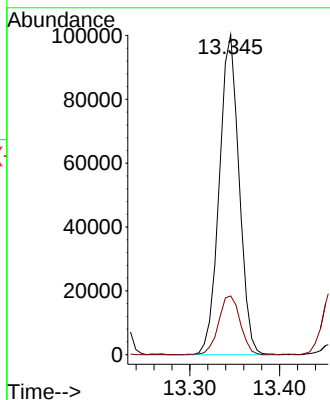
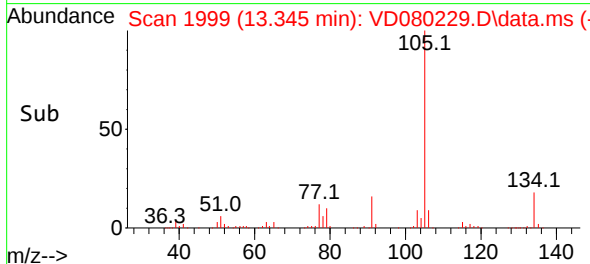
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01



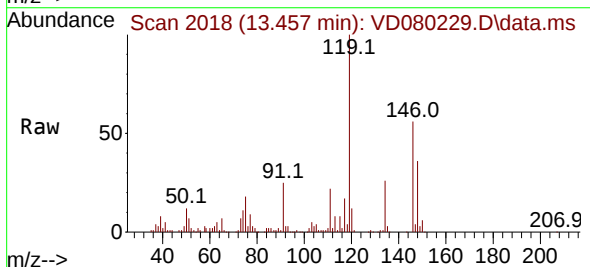
Tgt Ion:105 Resp: 153808
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
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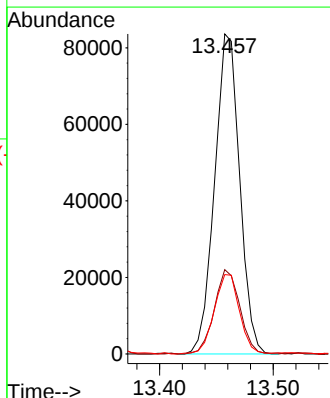
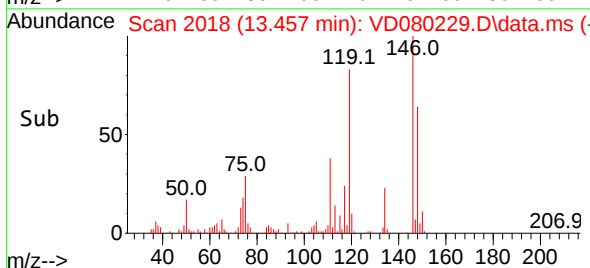
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

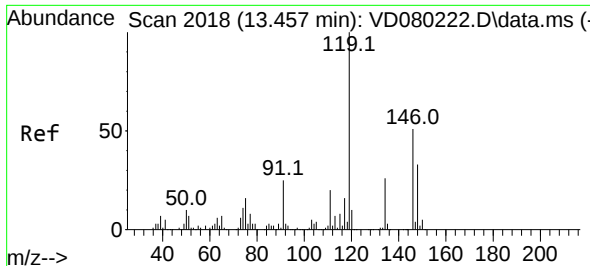


#86
 p-Isopropyltoluene
 Concen: 19.817 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33



Tgt Ion:119 Resp: 128111
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 25.0 12.4 37.2





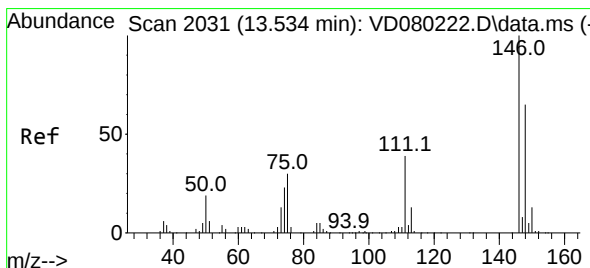
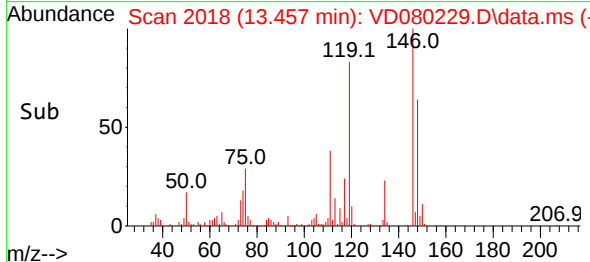
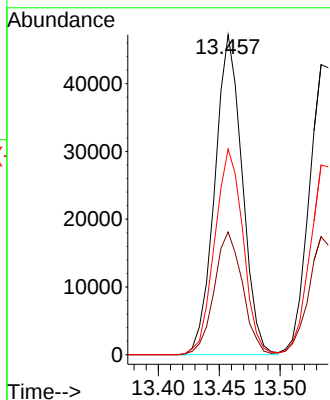
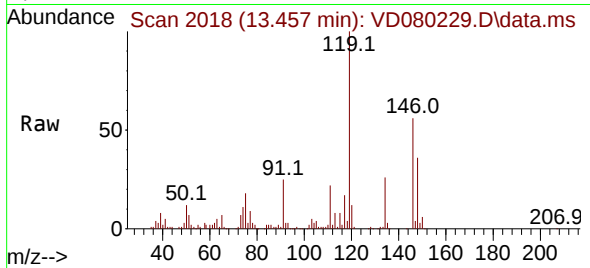
#87
 1,3-Dichlorobenzene
 Concen: 20.159 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Tgt Ion:146 Resp: 7417
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.5 61.6
 148 66.4 32.2 96.6

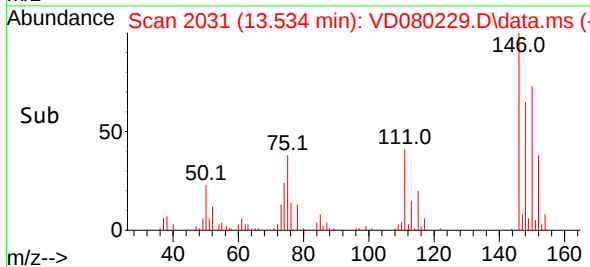
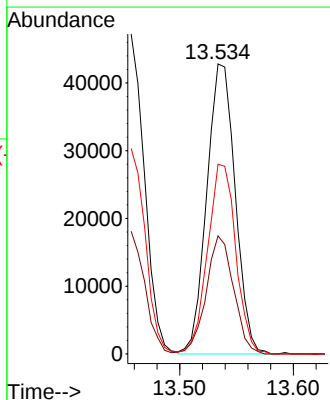
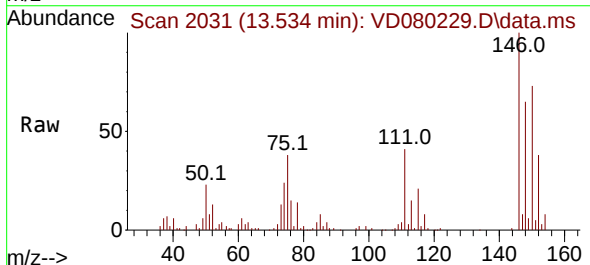
Manual Integrations
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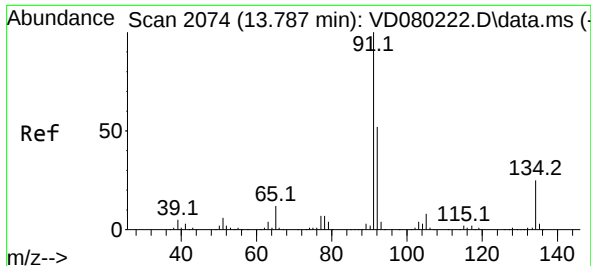
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#88
 1,4-Dichlorobenzene
 Concen: 20.012 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD080229.D
 Acq: 03 Feb 2025 16:33

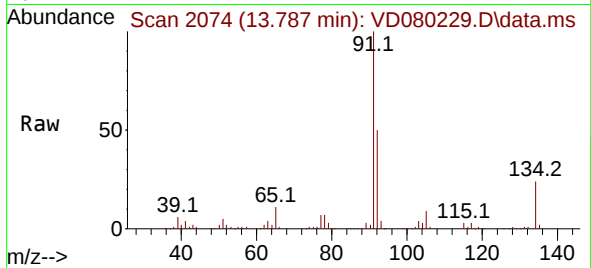
Tgt Ion:146 Resp: 74526
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 65.0 32.3 96.8





#89
n-Butylbenzene
Concen: 19.771 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

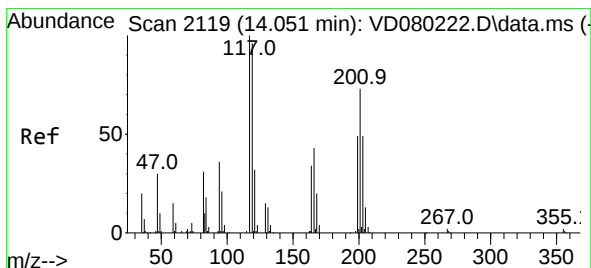
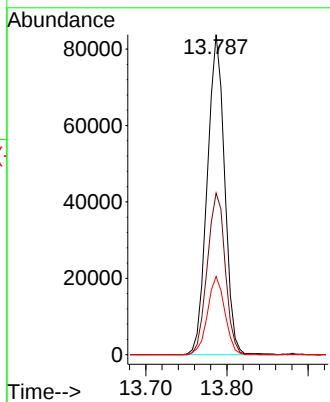
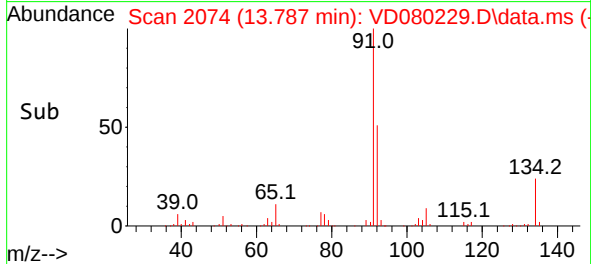
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01



Tgt Ion: 91 Resp: 124200
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 24.4 12.4 37.0

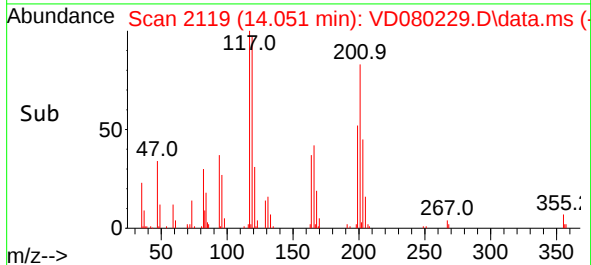
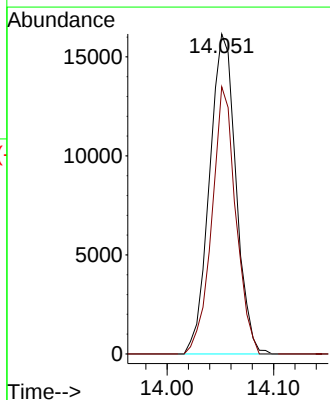
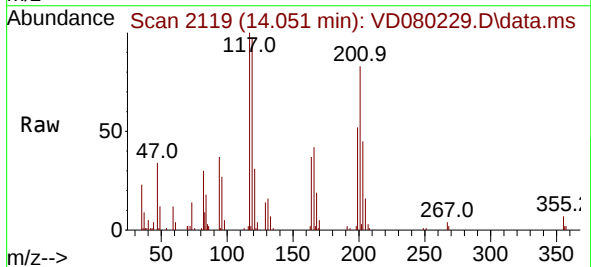
Manual Integrations
APPROVED

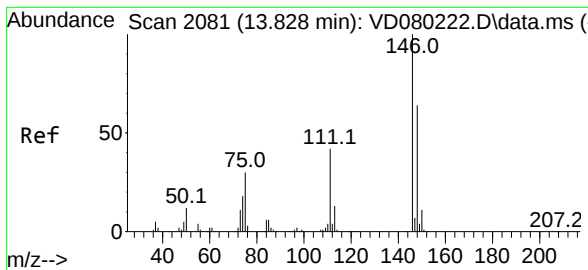
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#90
Hexachloroethane
Concen: 19.362 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion:117 Resp: 27818
Ion Ratio Lower Upper
117 100
201 75.5 36.0 108.0





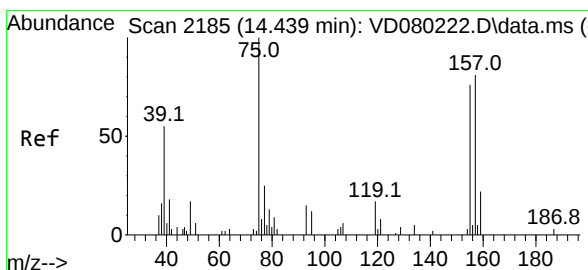
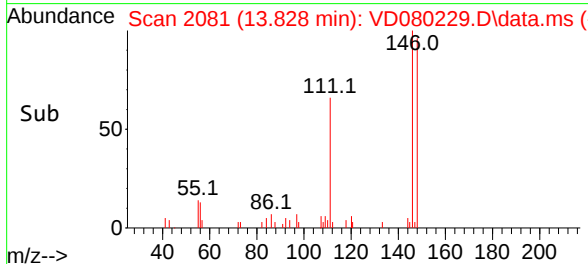
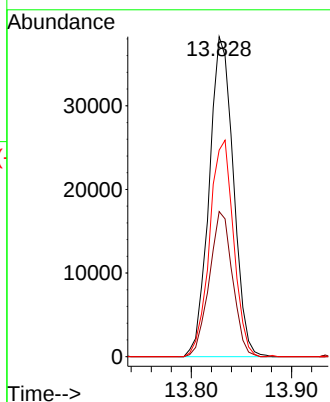
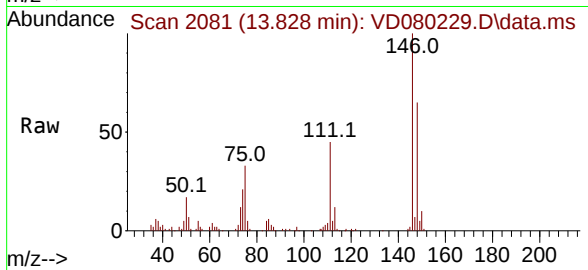
#91
1,2-Dichlorobenzene
Concen: 19.771 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Tgt Ion:146 Resp: 64100
Ion Ratio Lower Upper
146 100
111 43.5 21.0 63.0
148 67.1 32.5 97.5

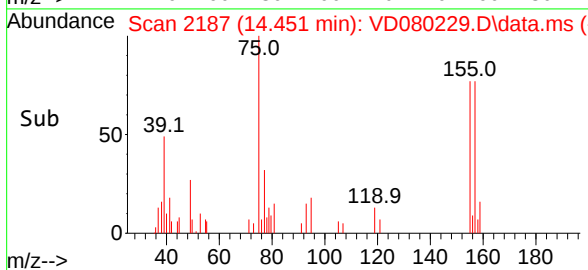
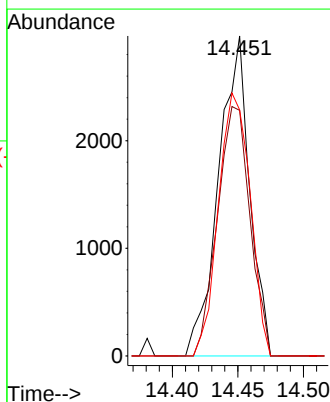
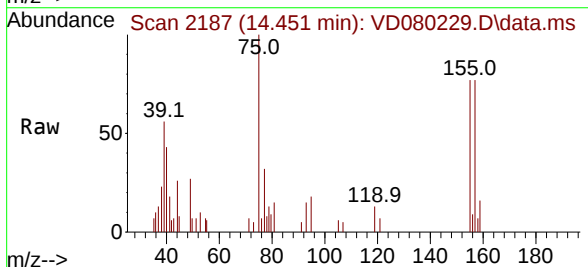
Manual Integrations
APPROVED

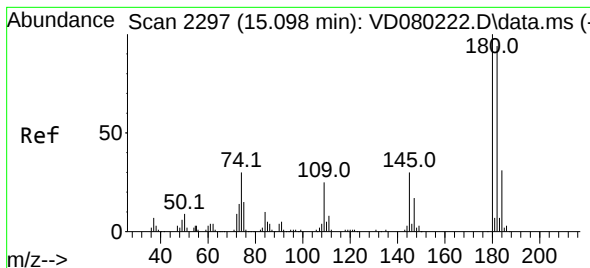
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.366 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD080229.D
Acq: 03 Feb 2025 16:33

Tgt Ion: 75 Resp: 4883
Ion Ratio Lower Upper
75 100
155 82.1 41.5 124.6
157 84.4 50.5 151.5





#93

1,2,4-Trichlorobenzene

Concen: 16.061 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

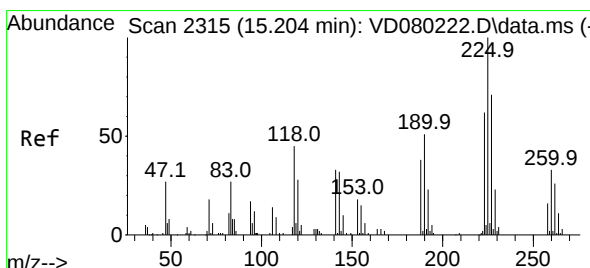
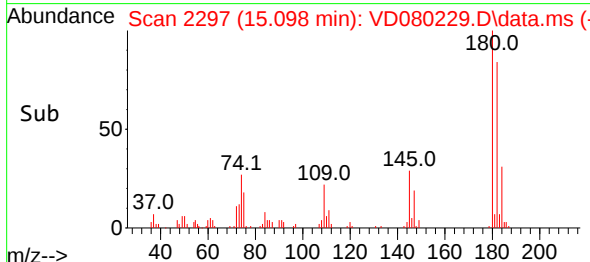
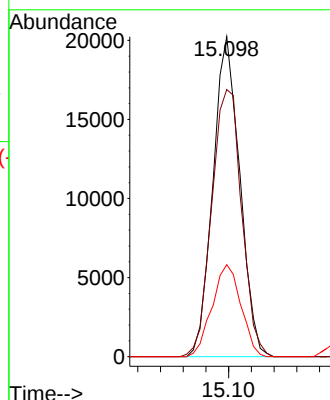
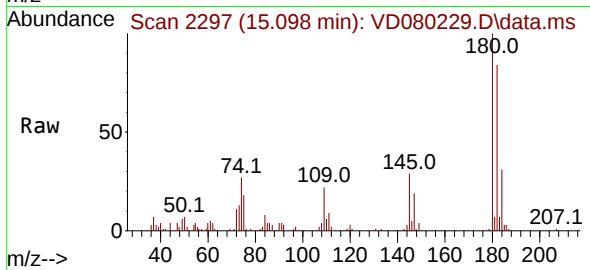
VD0203SBSD01

Tgt Ion:	180	Resp:	3319
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.5	142.5
145	30.9	14.6	44.0

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 17.216 ug/l

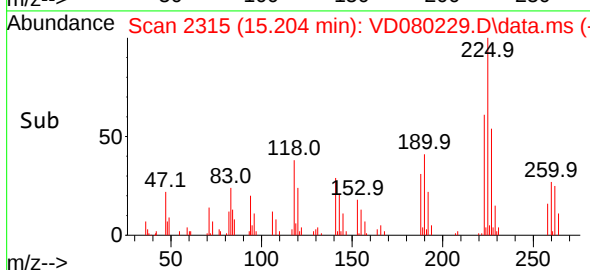
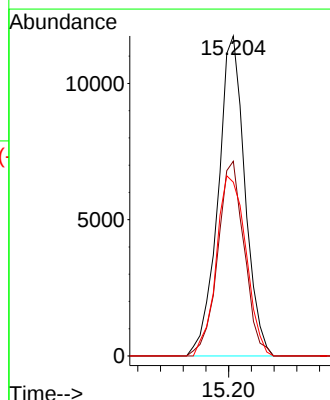
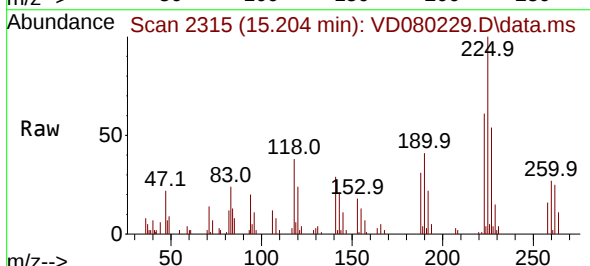
RT: 15.204 min Scan# 2315

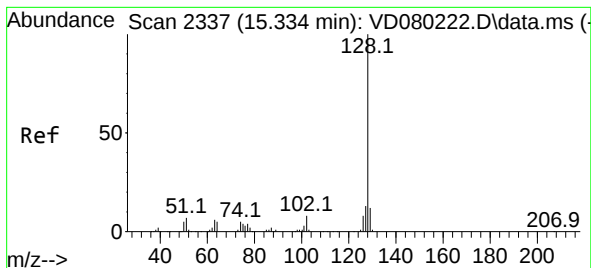
Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion:	225	Resp:	19269
Ion Ratio	Lower	Upper	
225	100		
223	60.3	31.3	93.8
227	62.1	32.4	97.2





#95

Naphthalene

Concen: 16.811 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

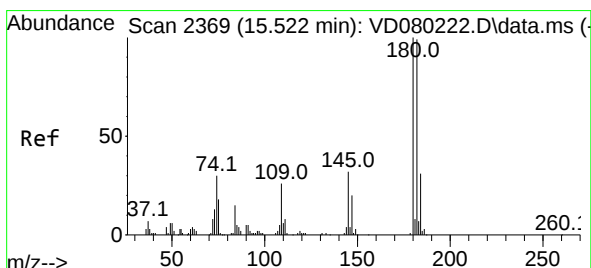
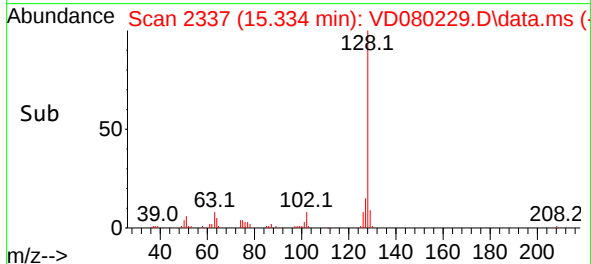
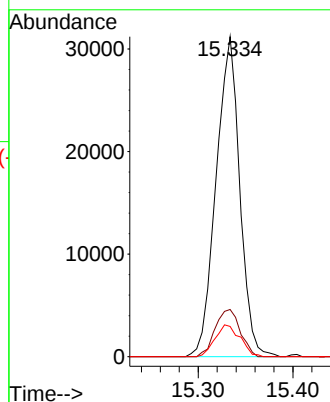
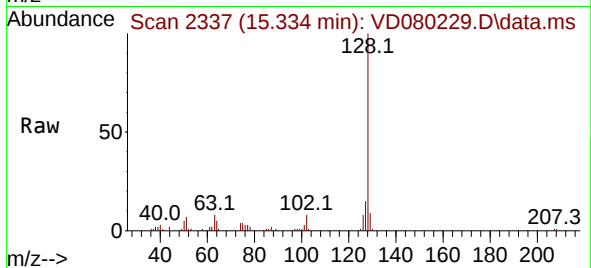
VD0203SBSD01

Tgt Ion:	128	Resp:	5414
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.6	15.8
129	9.5	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 15.648 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD080229.D

Acq: 03 Feb 2025 16:33

Tgt Ion:	180	Resp:	29185
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	142.0
145	30.3	15.6	46.7

