

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080224.D
 Acq On : 03 Feb 2025 12:42
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 04 05:34:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	290163	157.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 314.220%#			
35) Dibromofluoromethane	7.810	113	245443	134.962	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 269.920%#			
50) Toluene-d8	10.269	98	926189	137.332	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 274.660%#			
62) 4-Bromofluorobenzene	12.575	95	330097	152.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 305.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	211536	156.601	ug/l	100
3) Chloromethane	2.152	50	410099	138.663	ug/l	100
4) Vinyl Chloride	2.281	62	519575	145.216	ug/l	98
5) Bromomethane	2.669	94	364126	151.597	ug/l	99
6) Chloroethane	2.828	64	342999	143.930	ug/l	95
7) Trichlorofluoromethane	3.169	101	423949	142.981	ug/l	100
8) Diethyl Ether	3.593	74	138601	170.868	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	240755	140.271	ug/l	99
10) Methyl Iodide	4.163	142	286814	150.330	ug/l	98
11) Tert butyl alcohol	5.069	59	79091	775.275	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	250517	154.084	ug/l	97
13) Acrolein	3.799	56	161460	839.390	ug/l	98
14) Allyl chloride	4.563	41	425481	169.814	ug/l	98
15) Acrylonitrile	5.258	53	321564	825.127	ug/l	99
16) Acetone	4.028	43	215038	722.471	ug/l	91
17) Carbon Disulfide	4.269	76	846261	144.319	ug/l	100
18) Methyl Acetate	4.569	43	165786	165.076	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	660907	184.640	ug/l	98
20) Methylene Chloride	4.805	84	289967	143.561	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	298146	161.416	ug/l	96
22) Diisopropyl ether	6.222	45	885898	169.895	ug/l	98
23) Vinyl Acetate	6.157	43	2682586	891.099	ug/l	100
24) 1,1-Dichloroethane	6.116	63	519419	151.956	ug/l	98
25) 2-Butanone	7.087	43	419323	908.281	ug/l	99
26) 2,2-Dichloropropane	7.081	77	467037	157.530	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	359280	172.178	ug/l	98
28) Bromochloromethane	7.434	49	227782	146.026	ug/l #	97
29) Tetrahydrofuran	7.452	42	266705	882.022	ug/l	99
30) Chloroform	7.599	83	520936	149.063	ug/l	97
31) Cyclohexane	7.881	56	417180	152.459	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	431747	147.666	ug/l	98
36) 1,1-Dichloropropene	8.010	75	360068	138.233	ug/l	99
37) Ethyl Acetate	7.175	43	198701	155.564	ug/l	99
38) Carbon Tetrachloride	7.993	117	358375	131.718	ug/l	96
39) Methylcyclohexane	9.275	83	440784	155.759	ug/l	99
40) Benzene	8.251	78	1265353	154.978	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	107714	152.980	ug/l	95
42) 1,2-Dichloroethane	8.328	62	341308	146.899	ug/l	98
43) Isopropyl Acetate	8.363	43	383324	169.098	ug/l	98
44) Trichloroethene	9.028	130	271200	143.783	ug/l	97
45) 1,2-Dichloropropane	9.304	63	276212	134.498	ug/l	98
46) Dibromomethane	9.393	93	148381	129.686	ug/l	98
47) Bromodichloromethane	9.587	83	380202	131.771	ug/l	97
48) Methyl methacrylate	9.381	41	160837	153.323	ug/l	93
49) 1,4-Dioxane	9.387	88	35837	2879.205	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	850296	741.799	ug/l	98
52) Toluene	10.334	92	691478	144.790	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	367509	149.415	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	427061	142.738	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	207665	139.685	ug/l	95
56) Ethyl methacrylate	10.598	69	277178	163.400	ug/l	100
57) 1,3-Dichloropropane	10.881	76	369015	150.071	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	560691	774.430	ug/l	98
59) 2-Hexanone	10.922	43	633650	842.421	ug/l	100
60) Dibromochloromethane	11.075	129	267844	146.167	ug/l	97
61) 1,2-Dibromoethane	11.181	107	203070	149.984	ug/l	98
64) Tetrachloroethene	10.810	164	227587	148.374	ug/l	100
65) Chlorobenzene	11.604	112	758273	150.656	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	276514	157.044	ug/l	97
67) Ethyl Benzene	11.687	91	1483961	177.240	ug/l	99
68) m/p-Xylenes	11.792	106	1228363	377.910	ug/l	98
69) o-Xylene	12.122	106	574507	193.825	ug/l	98
70) Styrene	12.134	104	1017681	192.886	ug/l	100
71) Bromoform	12.298	173	173637	167.288	ug/l #	97
73) Isopropylbenzene	12.422	105	1429028	188.162	ug/l	99
74) N-amyl acetate	12.234	43	386829	193.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	246479	155.963	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	172872m	152.214	ug/l	
77) Bromobenzene	12.698	156	322107	164.425	ug/l	99
78) n-propylbenzene	12.763	91	1641879	169.799	ug/l	100
79) 2-Chlorotoluene	12.851	91	899200	163.690	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1076221	169.444	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	98230	176.857	ug/l	98
82) 4-Chlorotoluene	12.945	91	938983	160.848	ug/l	100
83) tert-Butylbenzene	13.163	119	920741	177.322	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1109644	171.641	ug/l	100
85) sec-Butylbenzene	13.345	105	1353251	170.452	ug/l	100
86) p-Isopropyltoluene	13.457	119	1201930	177.299	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	624688	161.900	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	590540	151.216	ug/l	99
89) n-Butylbenzene	13.786	91	1131823	171.811	ug/l	99
90) Hexachloroethane	14.051	117	227001	150.667	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	526400	154.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	36891	146.722	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	397415	183.377	ug/l	99
94) Hexachlorobutadiene	15.204	225	210389	179.248	ug/l	98
95) Naphthalene	15.328	128	795921	150.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	369034	188.687	ug/l	100

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MSVOA_D
ClientSampleId :
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Manual Integrations
APPROVED

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

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Instrument :

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ClientSampleId :

VSTDICC150

Manual Integrations

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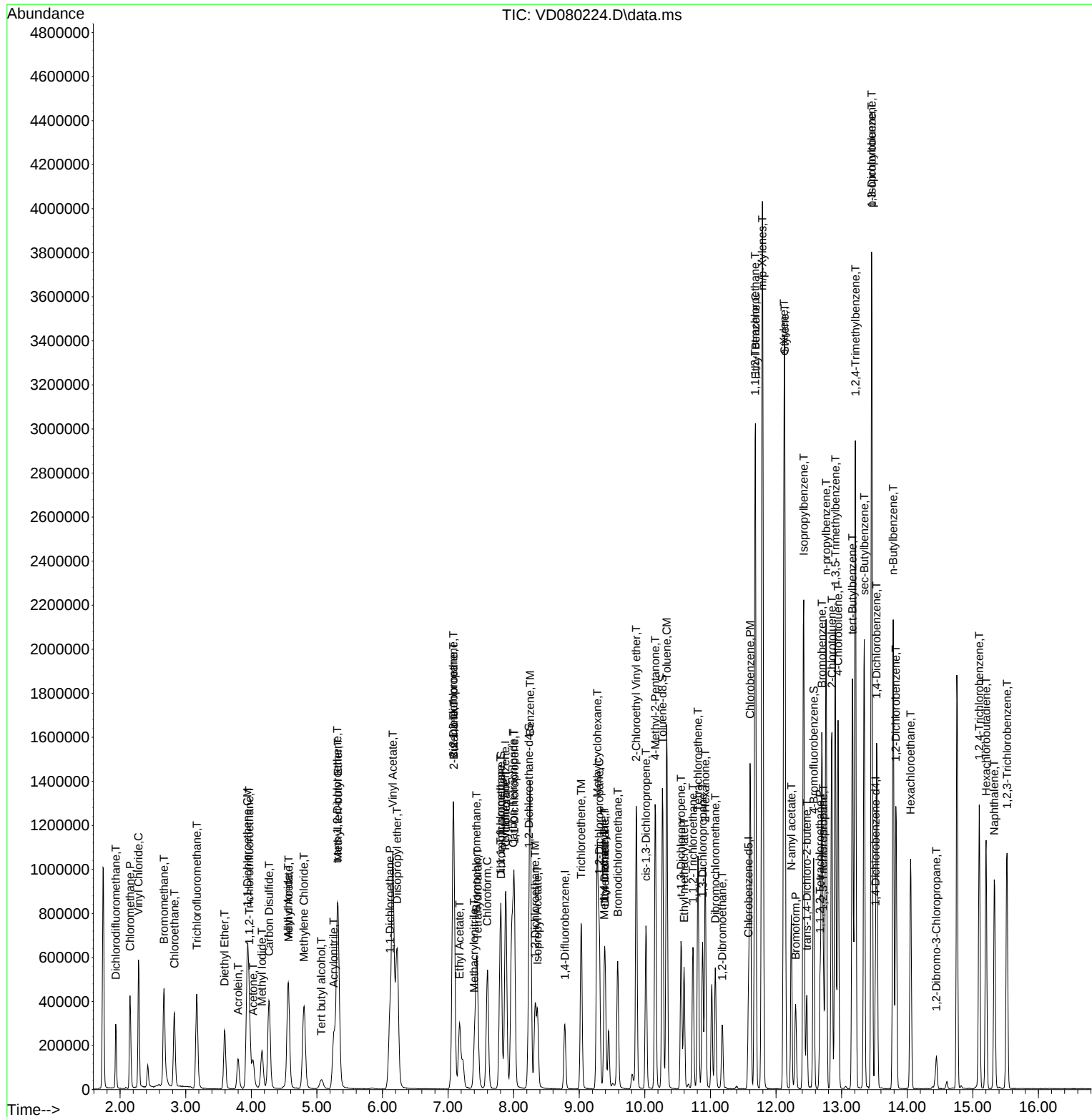
Quant Time: Feb 04 05:34:56 2025

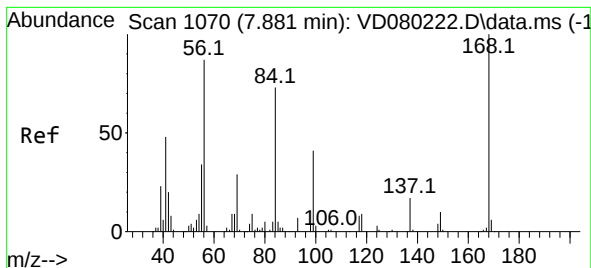
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M

Quant Title : SW846 8260

QLast Update : Tue Feb 04 05:30:02 2025

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion:168 Resp: 14197

Ion Ratio Lower Upper

168 100

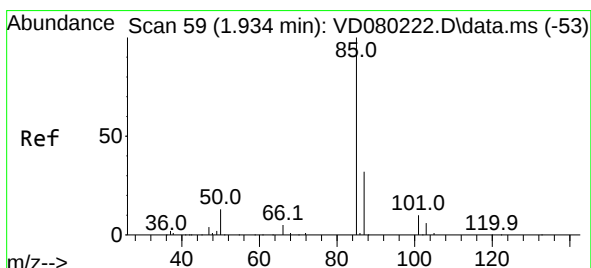
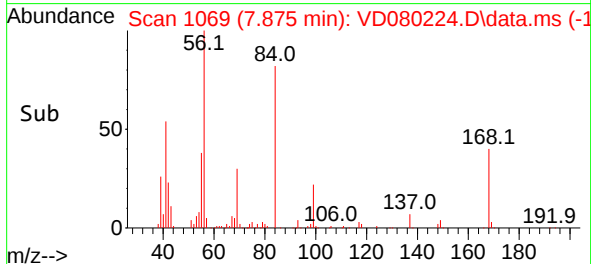
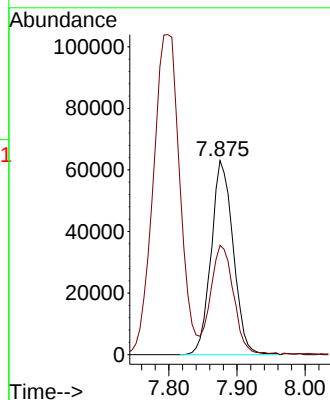
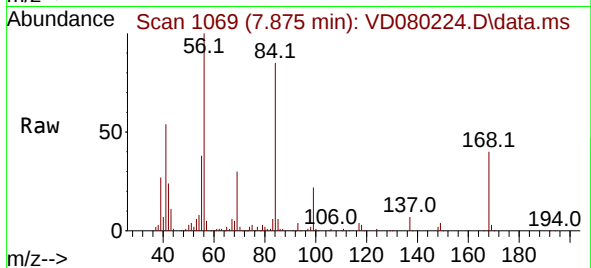
99 56.3 44.4 66.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 156.601 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080224.D

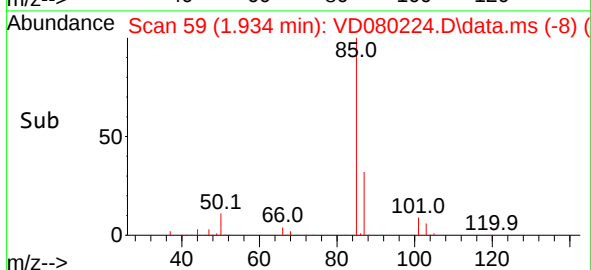
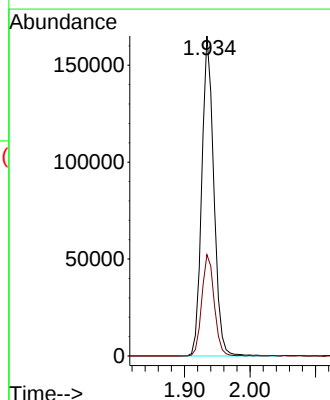
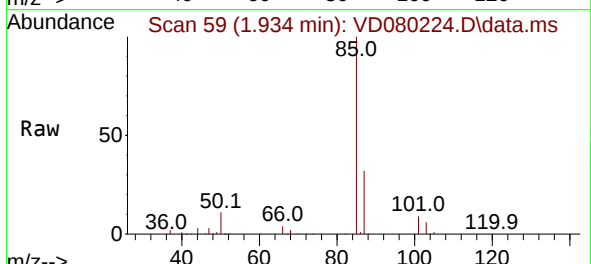
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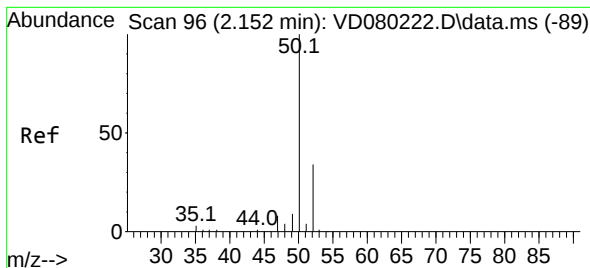
Tgt Ion: 85 Resp: 211536

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9





#3

Chloromethane

Concen: 138.663 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 50 Resp: 41009

Ion Ratio Lower Upper

50 100

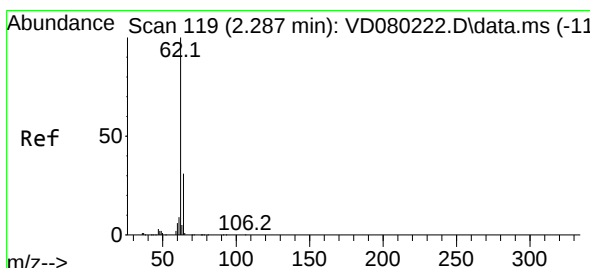
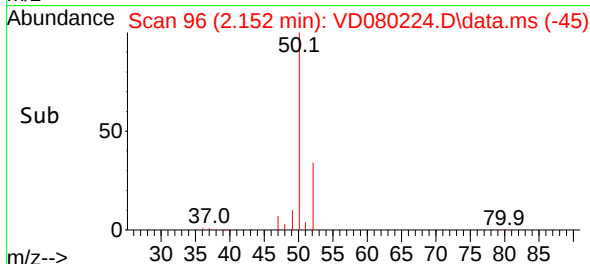
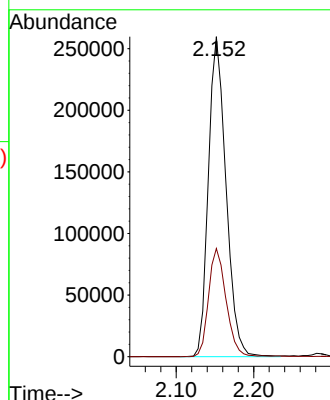
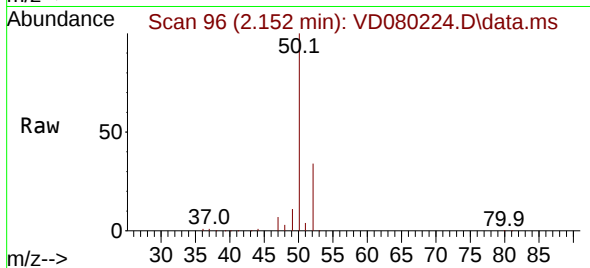
52 33.8 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 145.216 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD080224.D

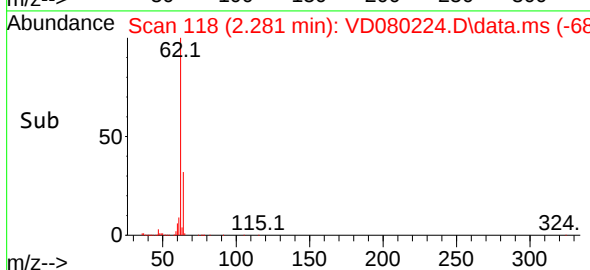
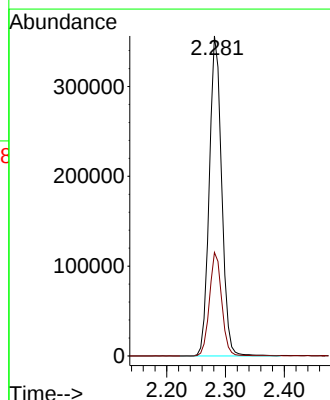
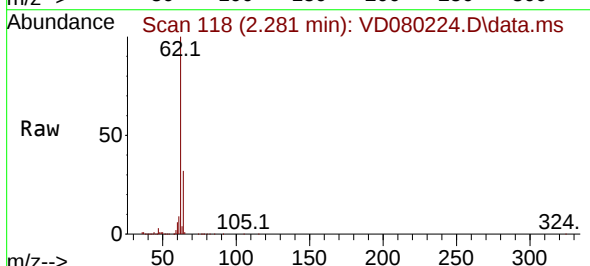
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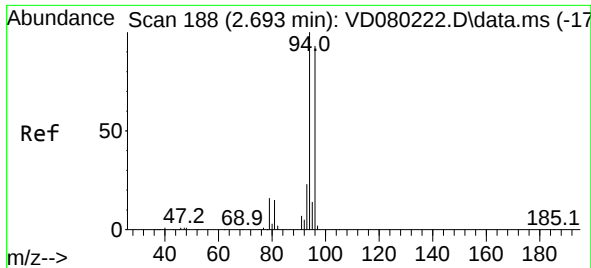
Tgt Ion: 62 Resp: 519575

Ion Ratio Lower Upper

62 100

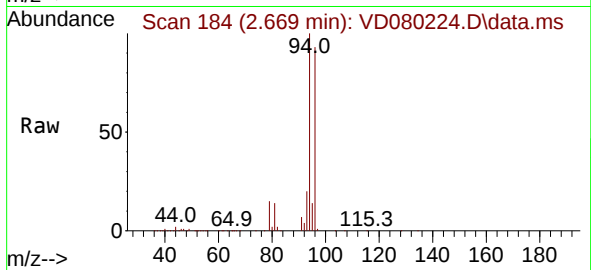
64 32.4 24.8 37.2





#5
Bromomethane
Concen: 151.597 ug/l
RT: 2.669 min Scan# 184
Delta R.T. -0.024 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

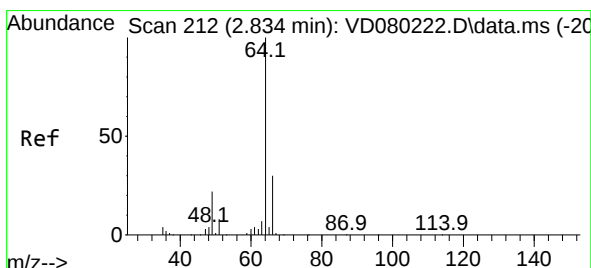
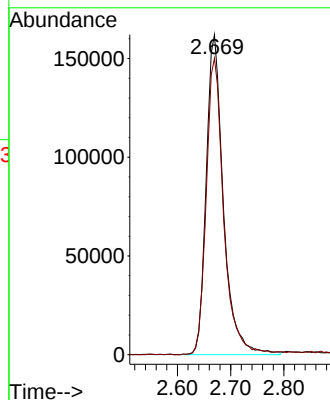
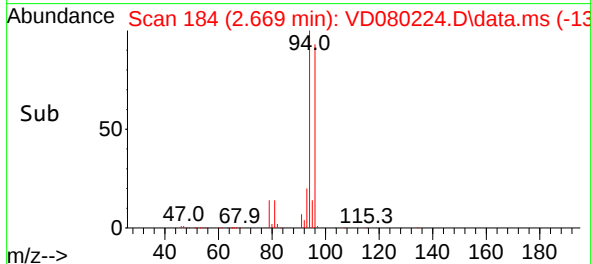
Instrument :
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Tgt Ion: 94 Resp: 364120
Ion Ratio Lower Upper
94 100
96 93.9 74.4 111.6

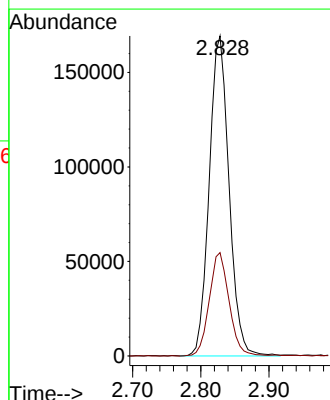
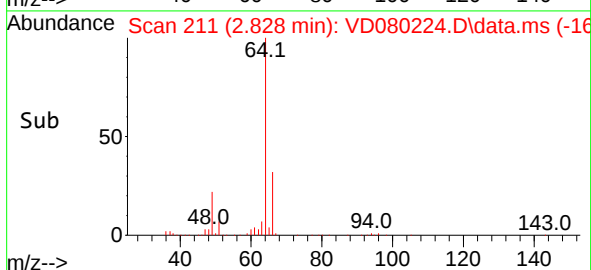
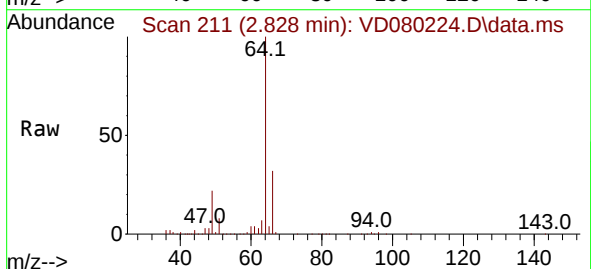
Manual Integrations
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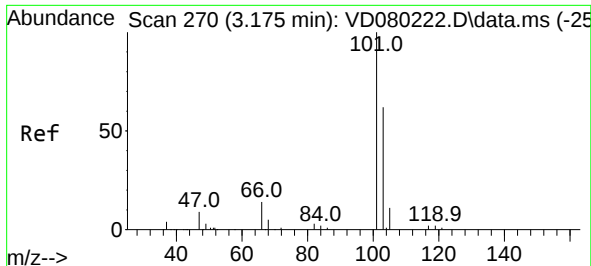
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#6
Chloroethane
Concen: 143.930 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 64 Resp: 342999
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





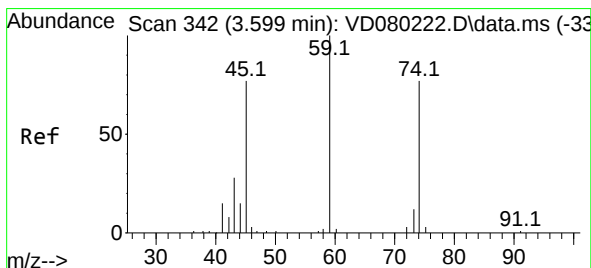
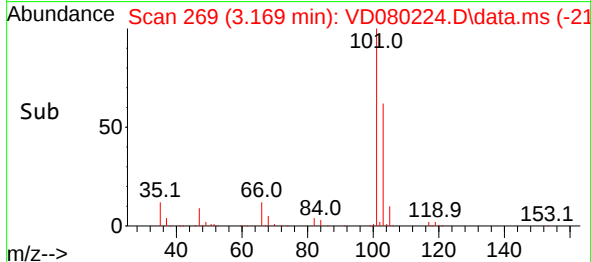
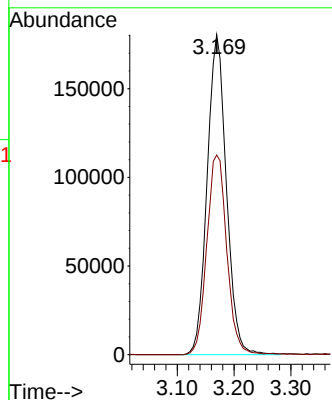
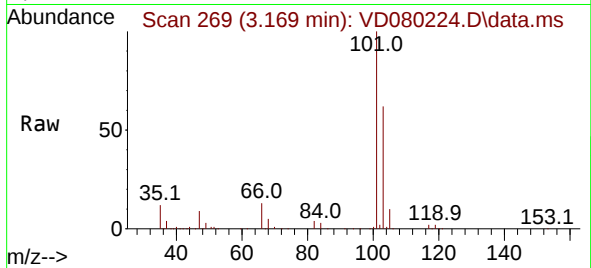
#7
Trichlorofluoromethane
Concen: 142.981 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 423949
Ion Ratio Lower Upper
101 100
103 62.4 49.9 74.9

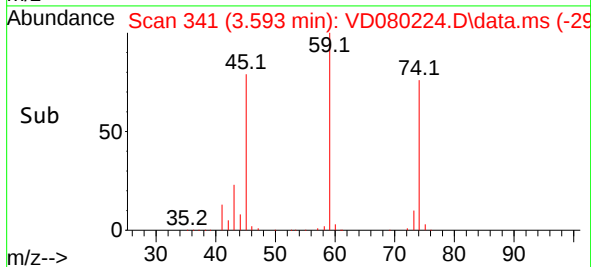
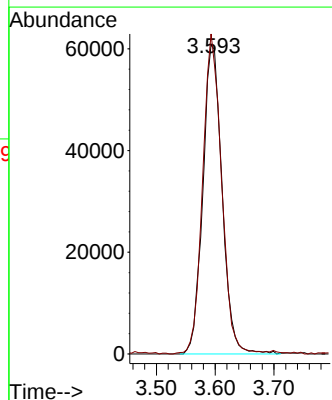
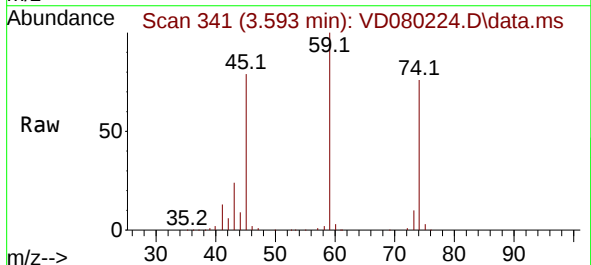
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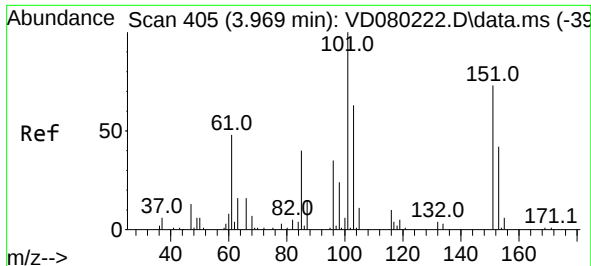
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#8
Diethyl Ether
Concen: 170.868 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 74 Resp: 138601
Ion Ratio Lower Upper
74 100
45 101.6 51.0 153.1





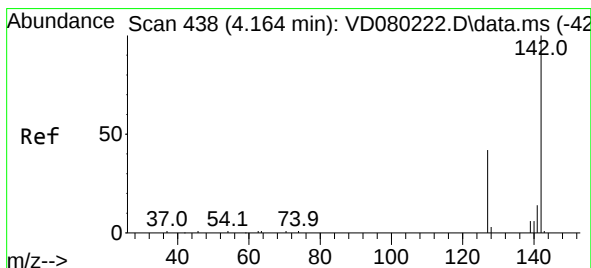
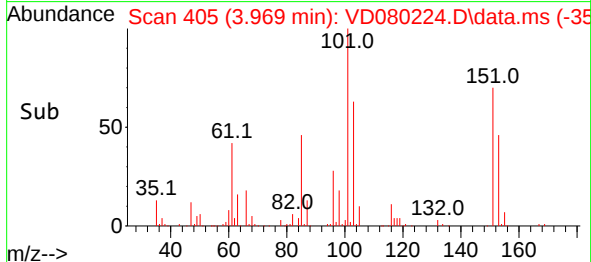
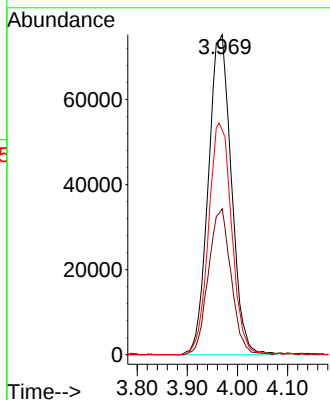
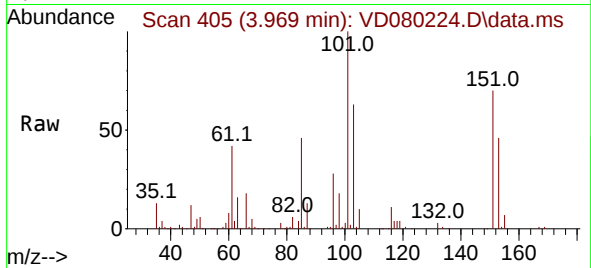
#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.271 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 24075
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.4
151 72.7 59.0 88.6

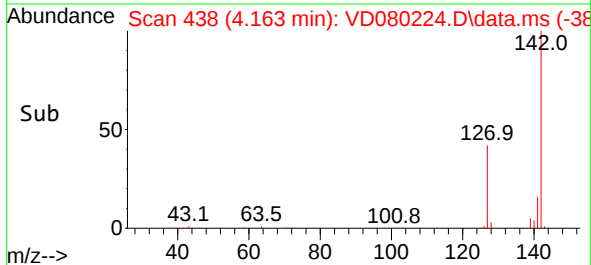
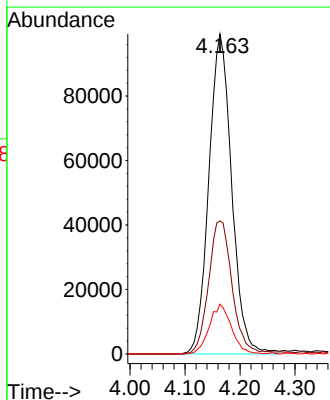
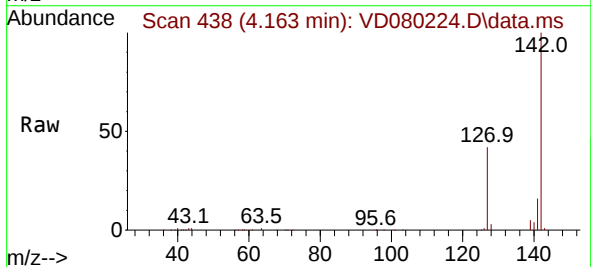
Manual Integrations
APPROVED

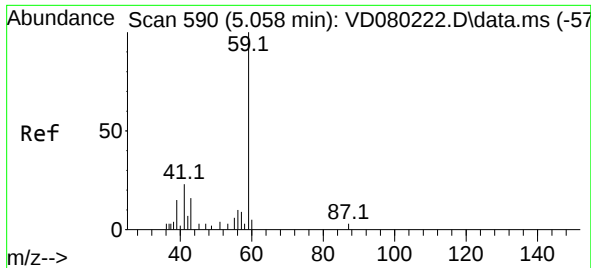
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#10
Methyl Iodide
Concen: 150.330 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:142 Resp: 286814
Ion Ratio Lower Upper
142 100
127 43.2 35.4 53.2
141 15.1 12.6 18.8





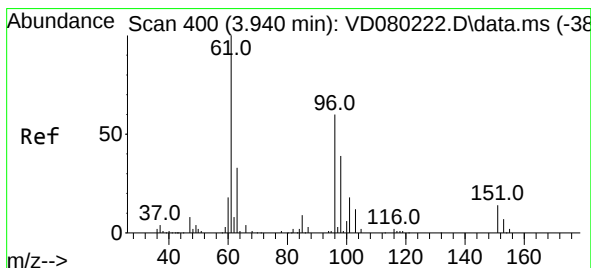
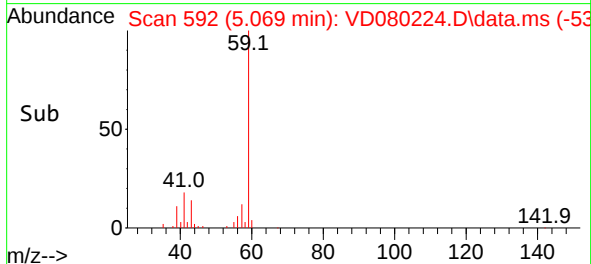
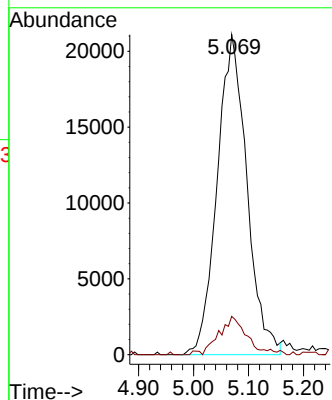
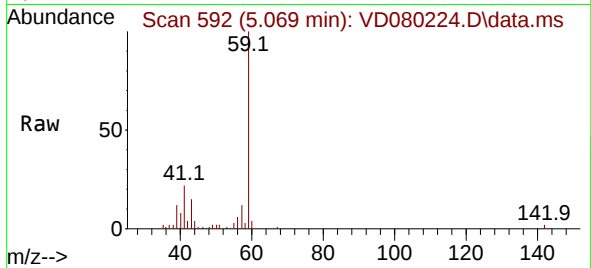
#11
Tert butyl alcohol
Concen: 775.275 ug/l
RT: 5.069 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 7909
Ion Ratio Lower Upper
59 100
57 11.1 7.2 10.8

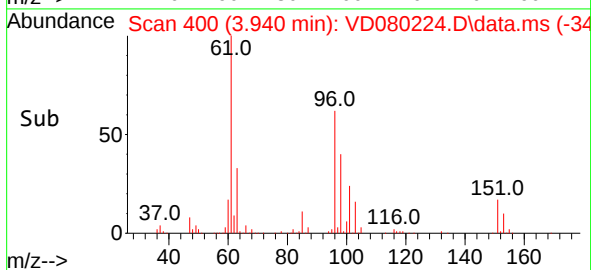
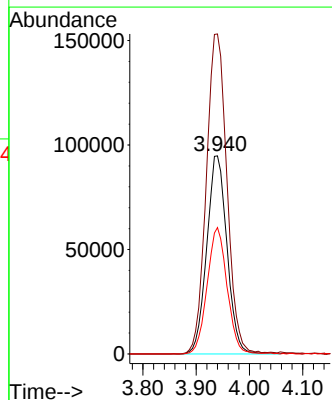
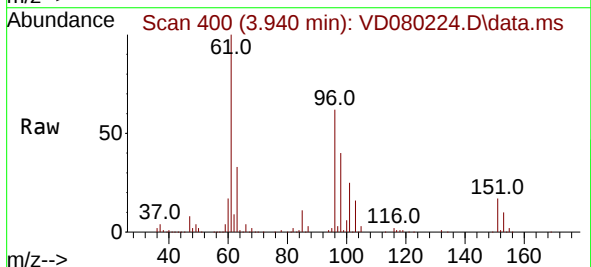
Manual Integrations
APPROVED

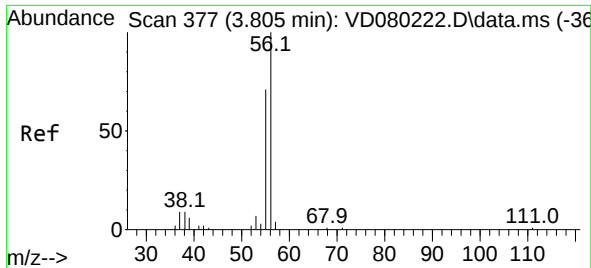
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#12
1,1-Dichloroethene
Concen: 154.084 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

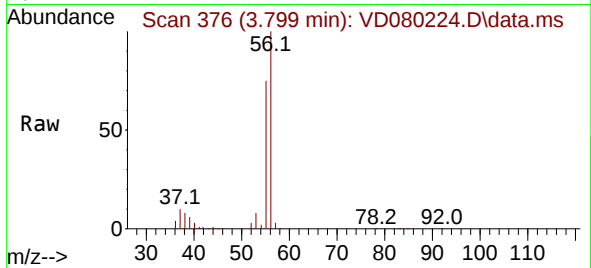
Tgt Ion: 96 Resp: 250517
Ion Ratio Lower Upper
96 100
61 161.6 133.8 200.6
98 63.9 52.2 78.2





#13
Acrolein
Concen: 839.390 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

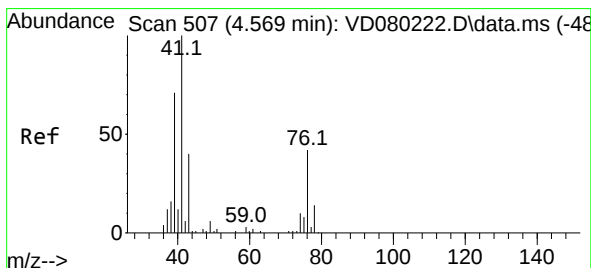
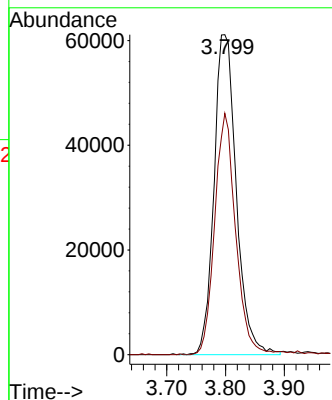
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 161460
Ion Ratio Lower Upper
56 100
55 70.6 57.8 86.8

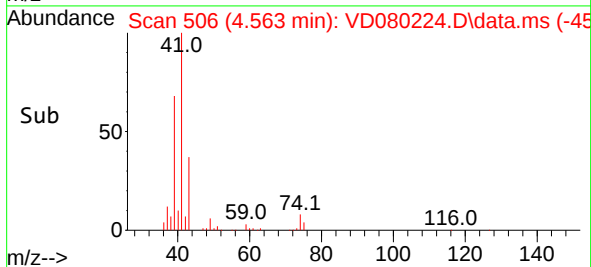
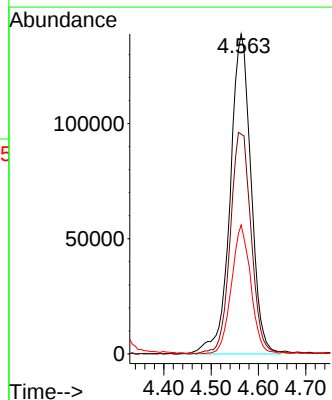
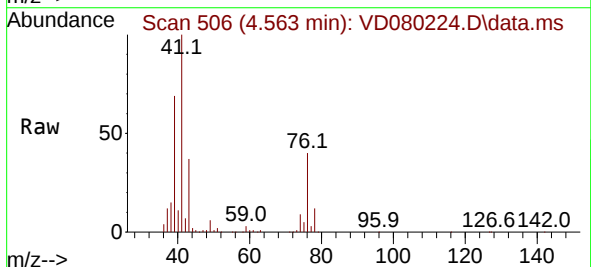
Manual Integrations
APPROVED

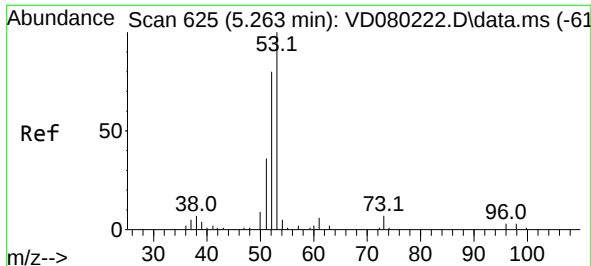
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#14
Allyl chloride
Concen: 169.814 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

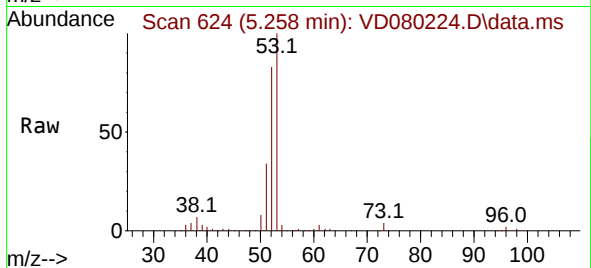
Tgt Ion: 41 Resp: 425481
Ion Ratio Lower Upper
41 100
39 69.4 55.0 82.4
76 36.8 31.0 46.4





#15
Acrylonitrile
Concen: 825.127 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

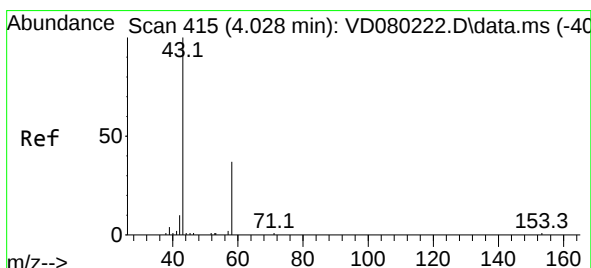
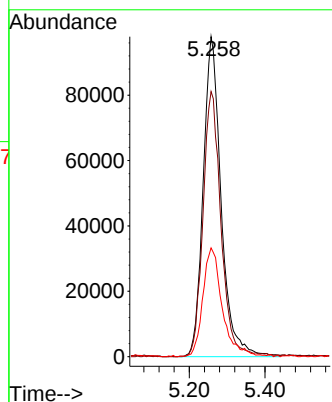
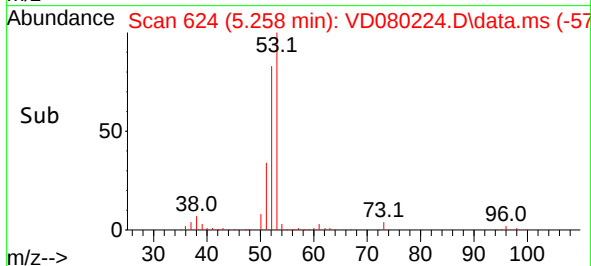
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 321564
Ion Ratio Lower Upper
53 100
52 82.9 65.9 98.9
51 36.8 30.1 45.1

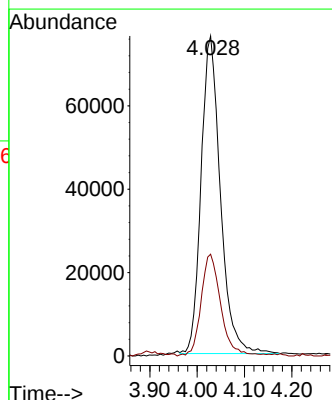
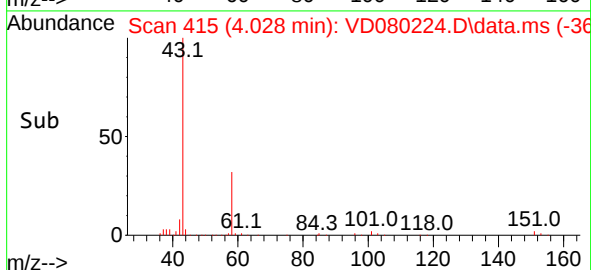
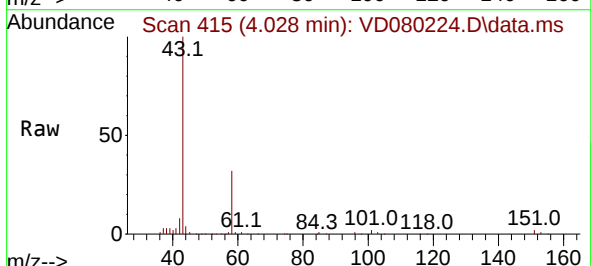
Manual Integrations
APPROVED

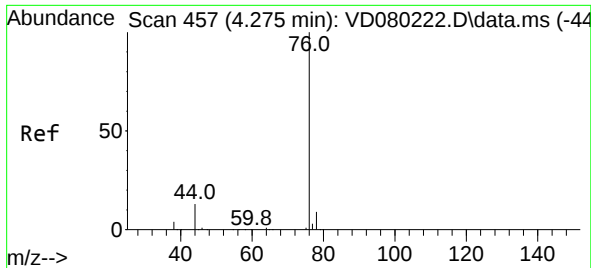
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#16
Acetone
Concen: 722.471 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 43 Resp: 215038
Ion Ratio Lower Upper
43 100
58 31.7 29.5 44.3





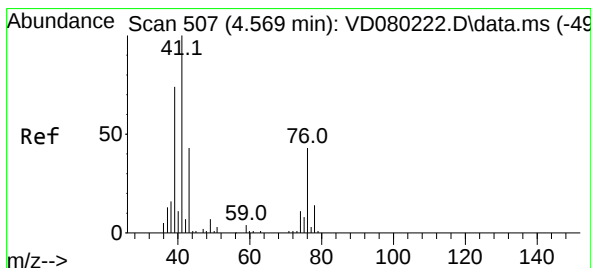
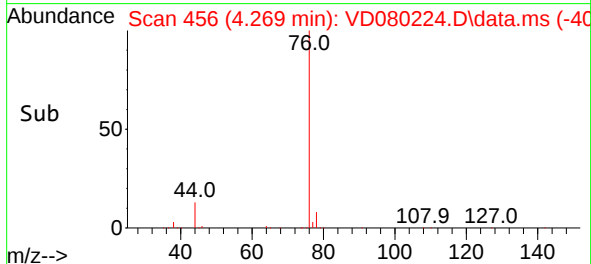
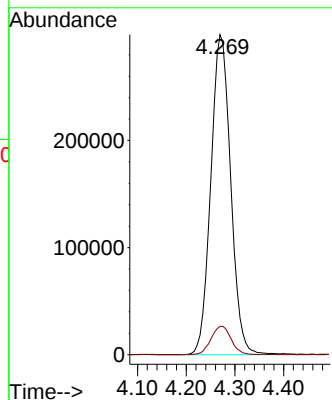
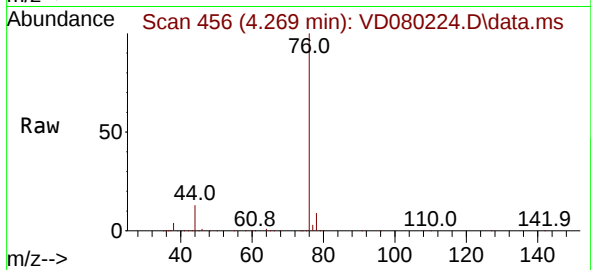
#17
Carbon Disulfide
Concen: 144.319 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 84626
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

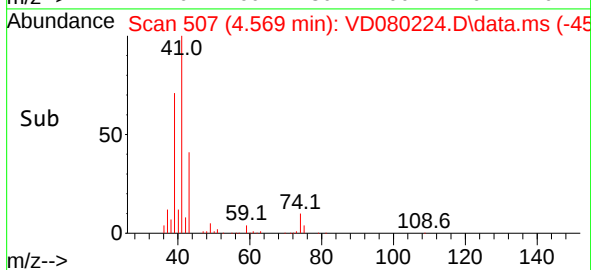
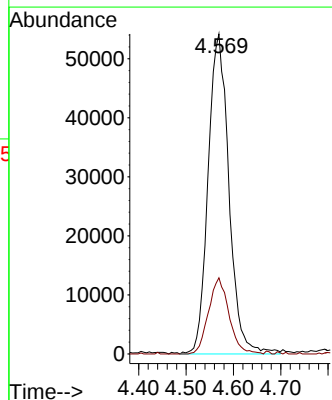
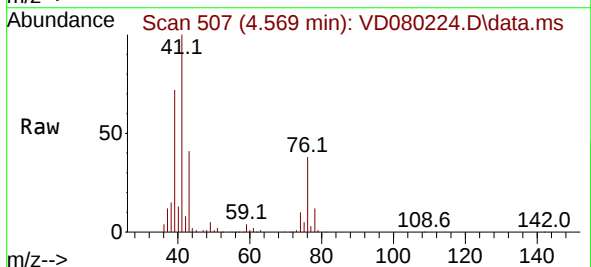
Manual Integrations
APPROVED

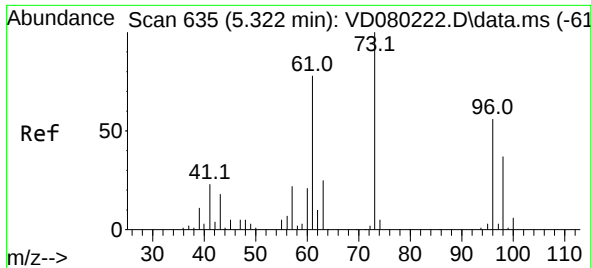
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#18
Methyl Acetate
Concen: 165.076 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

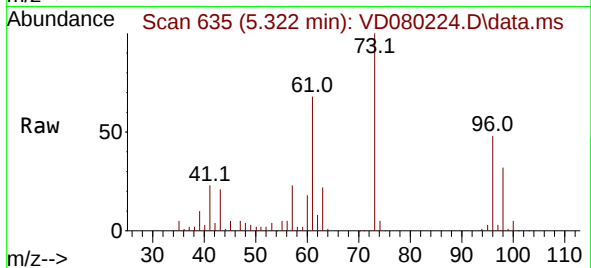
Tgt Ion: 43 Resp: 165786
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 184.640 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

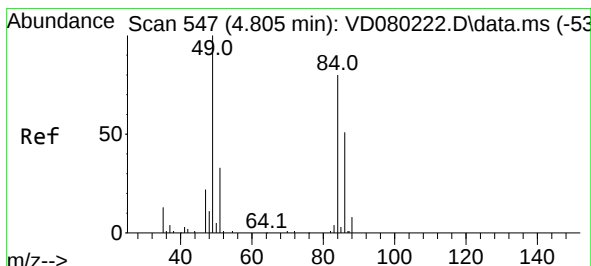
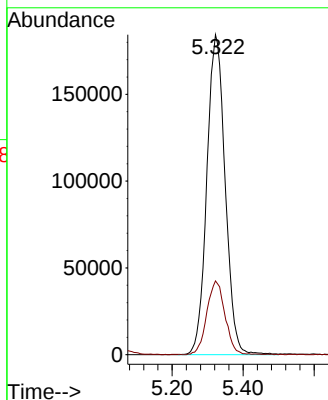
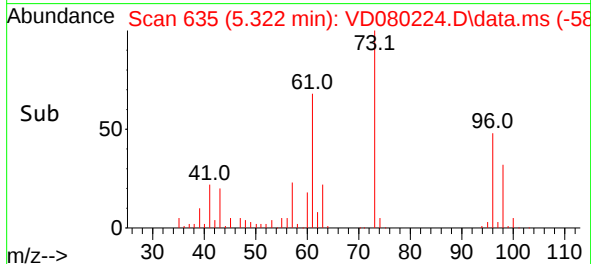
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 66090
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8

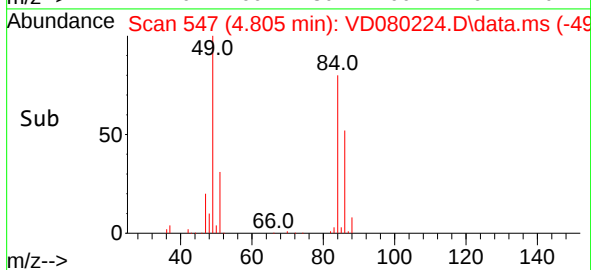
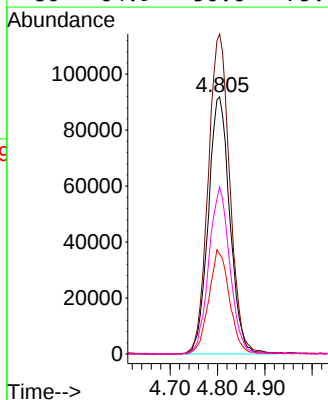
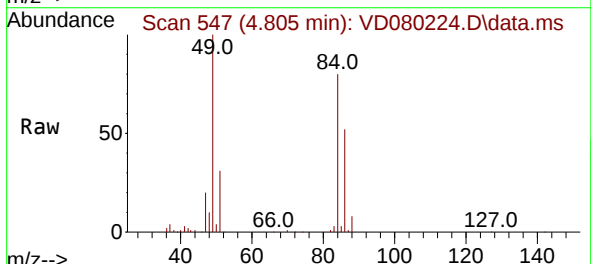
Manual Integrations
APPROVED

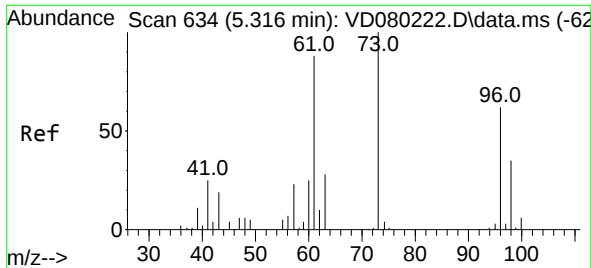
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#20
Methylene Chloride
Concen: 143.561 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

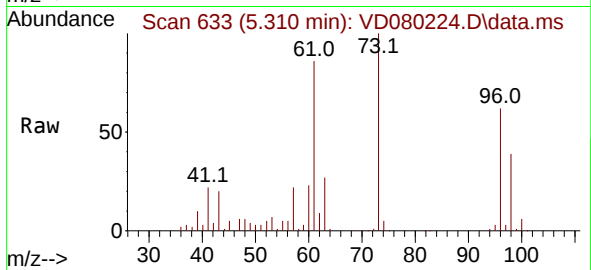
Tgt Ion: 84 Resp: 289967
Ion Ratio Lower Upper
84 100
49 124.3 99.4 149.2
51 38.9 32.6 49.0
86 64.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 161.416 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

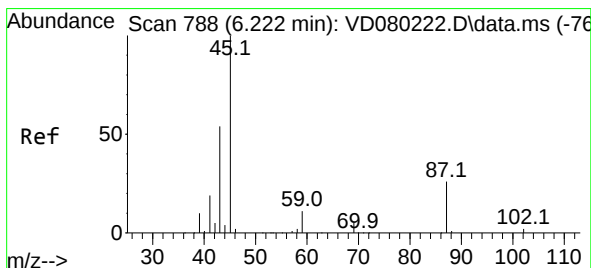
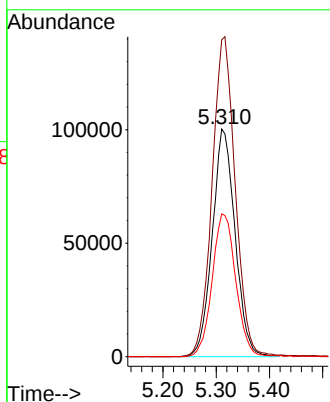
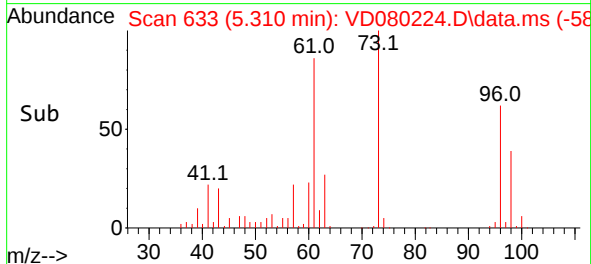
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 298140
Ion Ratio Lower Upper
96 100
61 139.2 113.7 170.5
98 62.8 45.4 68.2

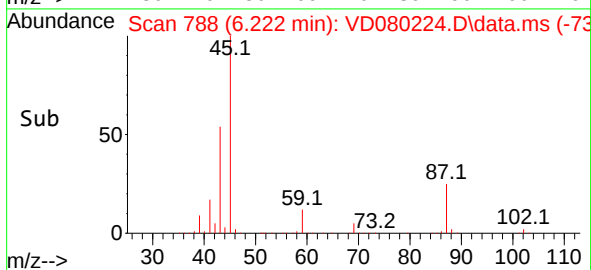
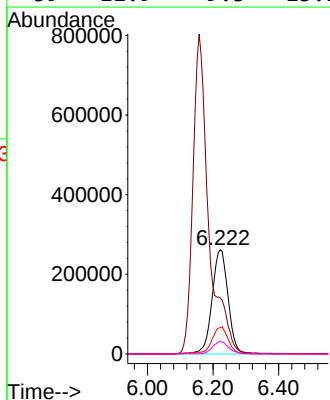
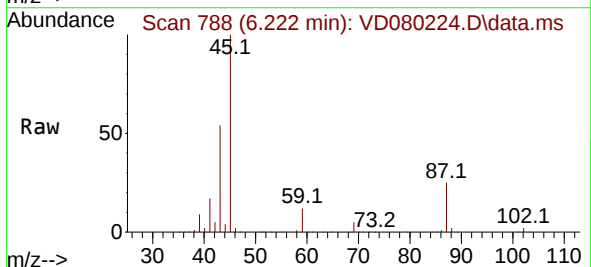
Manual Integrations
APPROVED

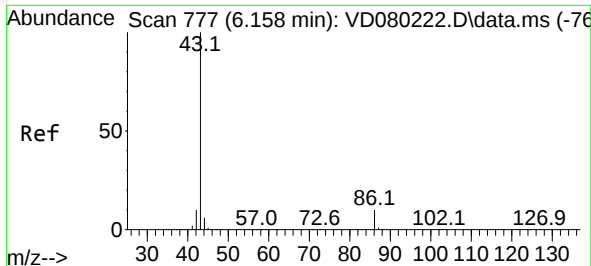
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#22
Diisopropyl ether
Concen: 169.895 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

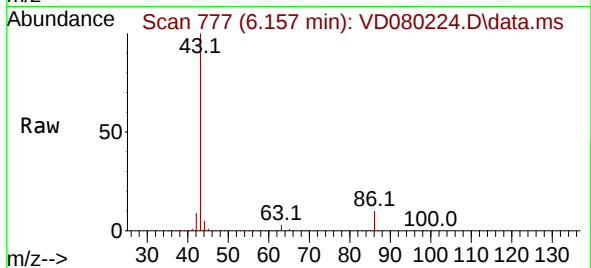
Tgt Ion: 45 Resp: 885898
Ion Ratio Lower Upper
45 100
43 53.4 44.3 66.5
87 25.3 20.5 30.7
59 11.9 9.3 13.9





#23
 Vinyl Acetate
 Concen: 891.099 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

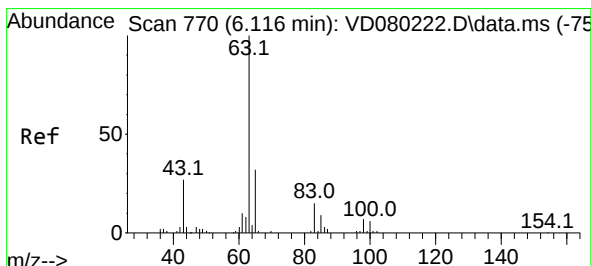
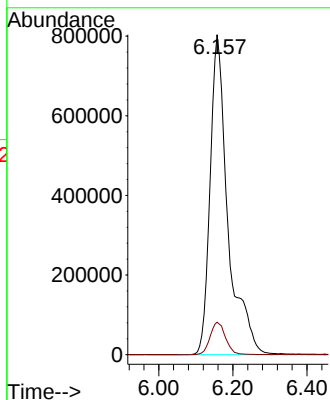
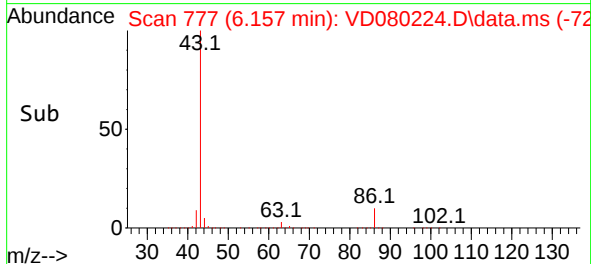
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150



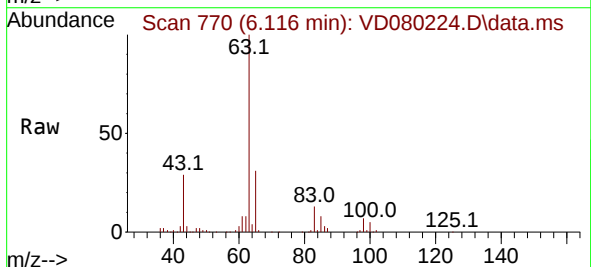
Tgt Ion: 43 Resp: 268258
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

Manual Integrations
 APPROVED

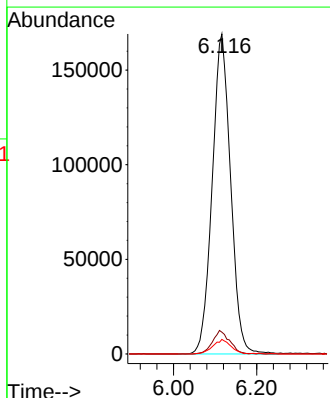
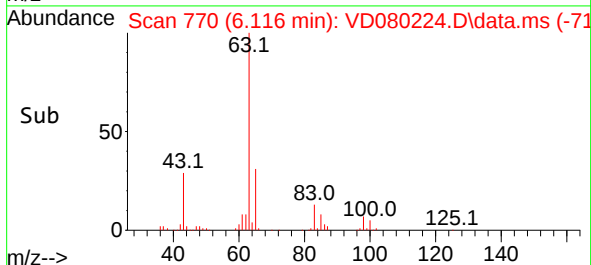
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

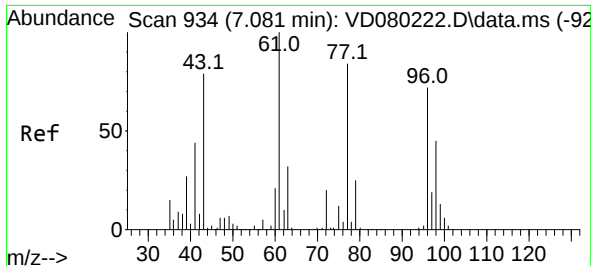


#24
 1,1-Dichloroethane
 Concen: 151.956 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42



Tgt Ion: 63 Resp: 519419
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.5 2.8 8.4





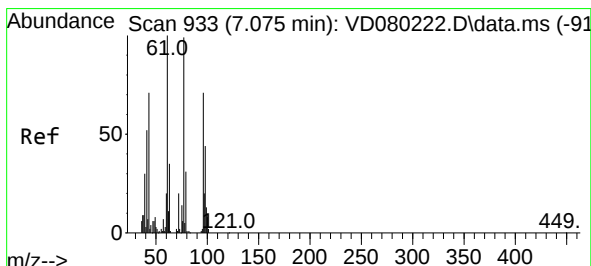
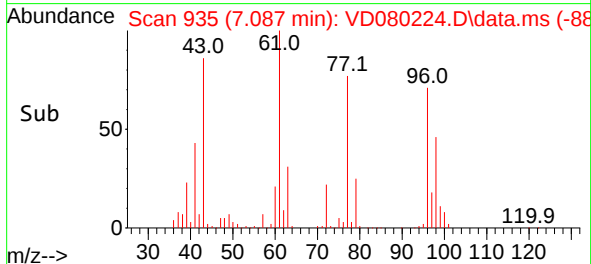
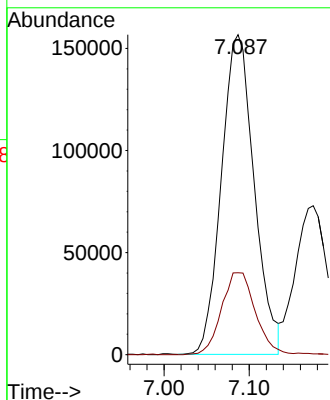
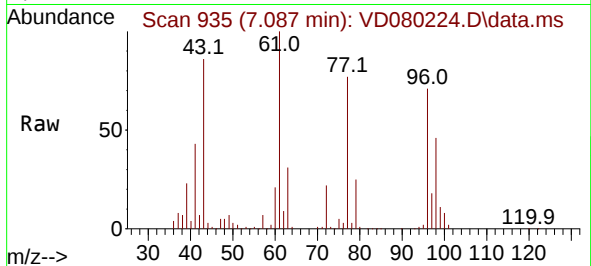
#25
2-Butanone
Concen: 908.281 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 41932
Ion Ratio Lower Upper
43 100
72 25.6 19.9 29.9

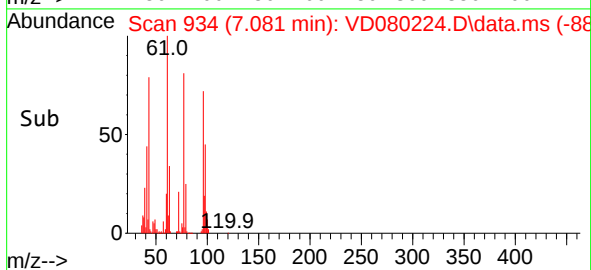
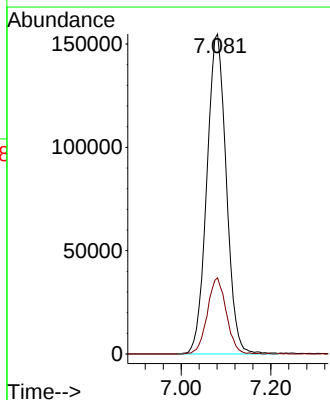
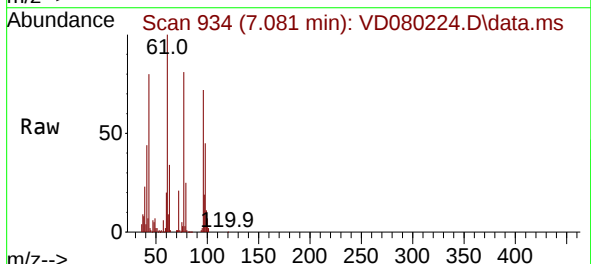
Manual Integrations
APPROVED

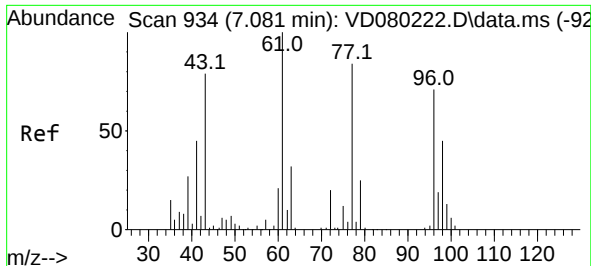
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#26
2,2-Dichloropropane
Concen: 157.530 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 77 Resp: 467037
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





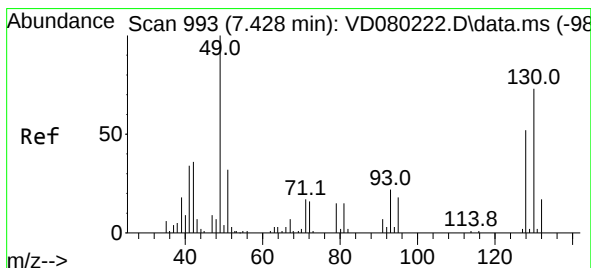
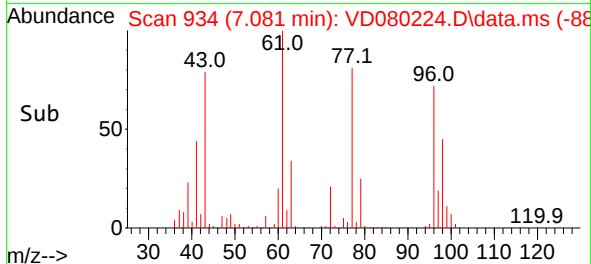
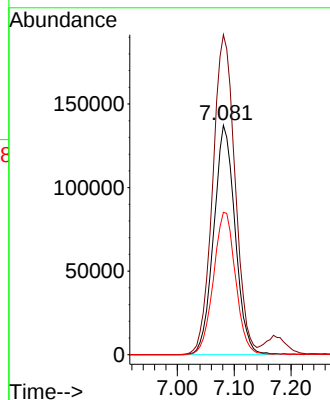
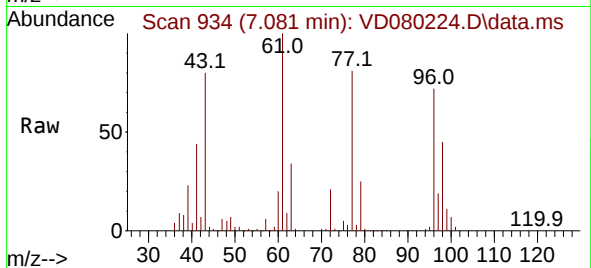
#27
cis-1,2-Dichloroethene
Concen: 172.178 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 359280
Ion Ratio Lower Upper
96 100
61 145.6 0.0 297.4
98 64.0 0.0 131.0

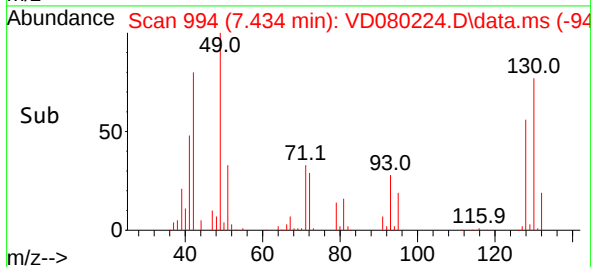
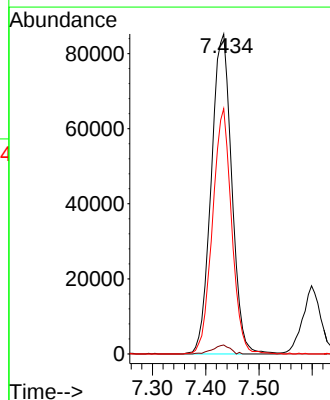
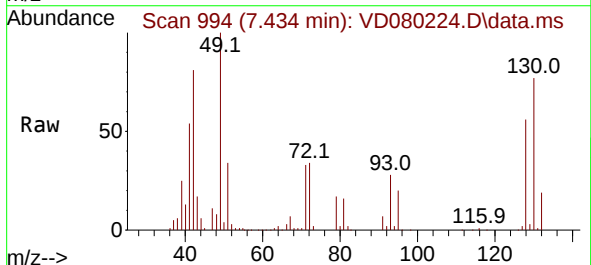
Manual Integrations
APPROVED

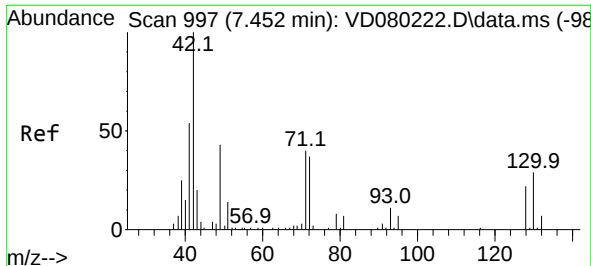
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#28
Bromochloromethane
Concen: 146.026 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

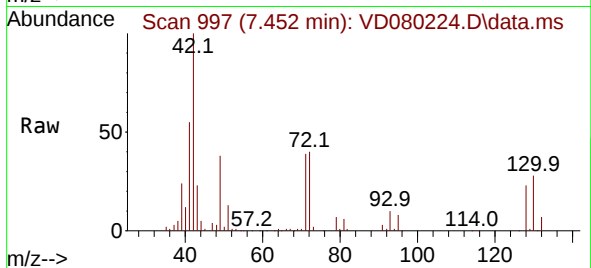
Tgt Ion: 49 Resp: 227782
Ion Ratio Lower Upper
49 100
129 2.4 0.0 1.8#
130 71.6 55.3 82.9





#29
Tetrahydrofuran
Concen: 882.022 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

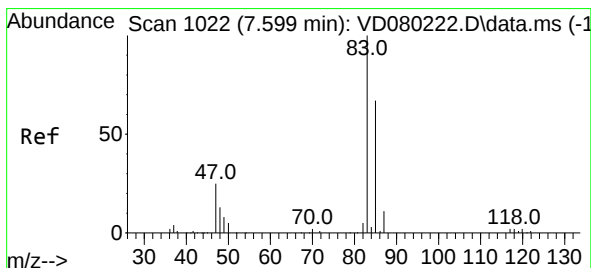
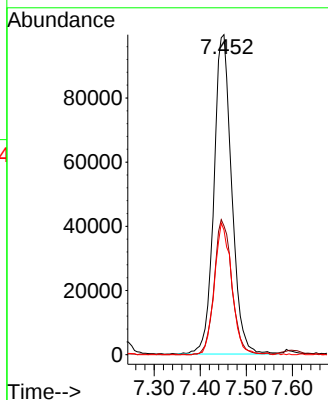
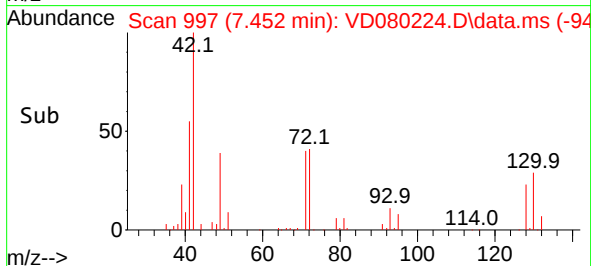
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



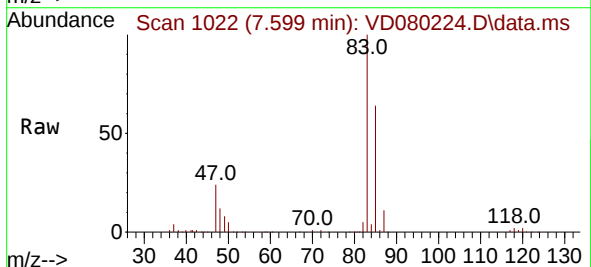
Tgt Ion: 42 Resp: 26670
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 40.2 32.9 49.3

Manual Integrations
APPROVED

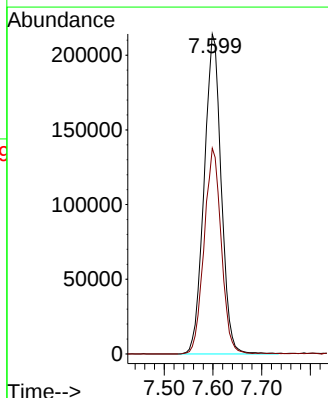
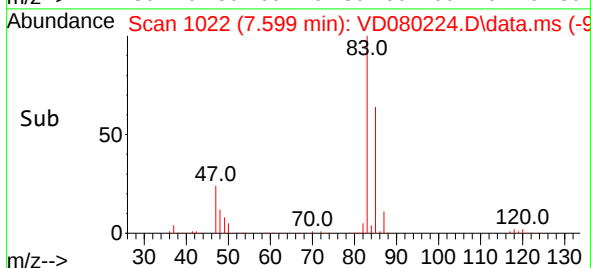
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

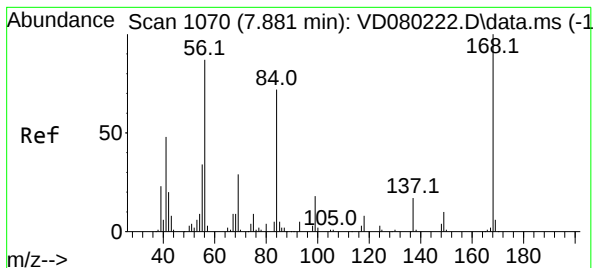


#30
Chloroform
Concen: 149.063 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



Tgt Ion: 83 Resp: 520936
Ion Ratio Lower Upper
83 100
85 64.3 53.7 80.5





#31

Cyclohexane

Concen: 152.459 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 417180

Ion Ratio Lower Upper

56 100

69 30.5 27.0 40.4

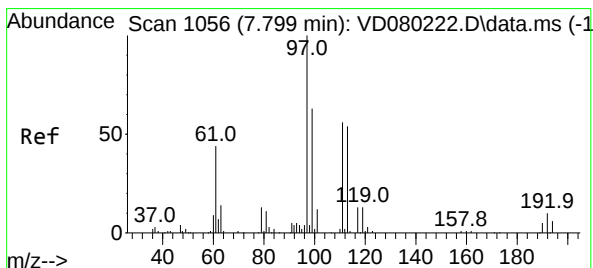
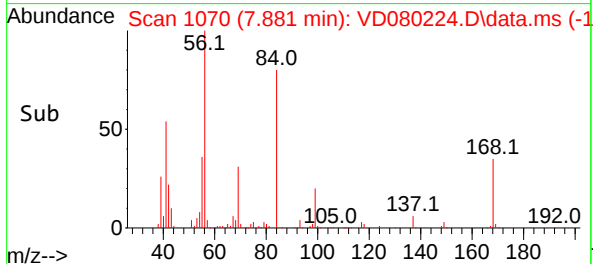
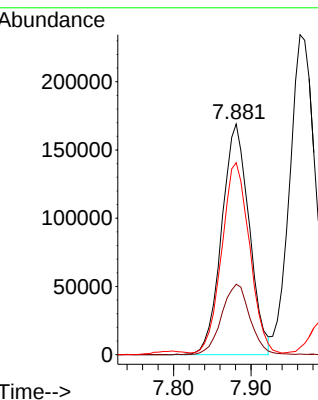
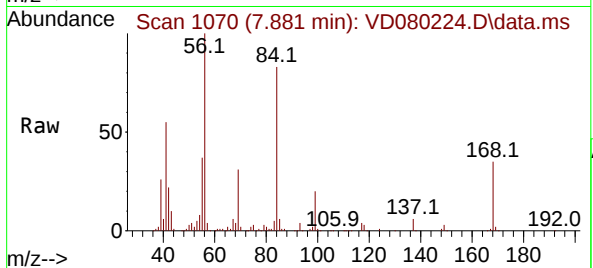
84 81.9 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#32

1,1,1-Trichloroethane

Concen: 147.666 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

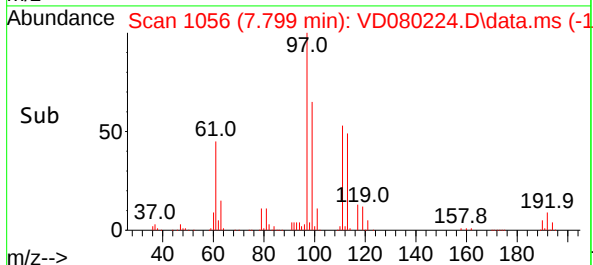
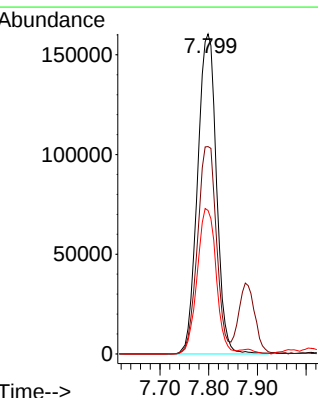
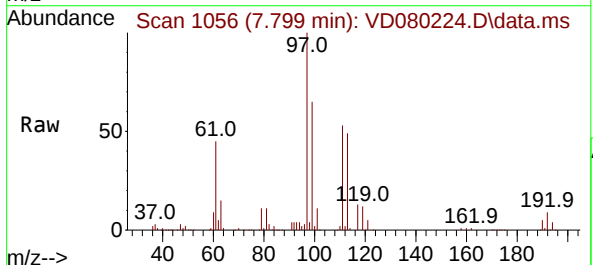
Tgt Ion: 97 Resp: 431747

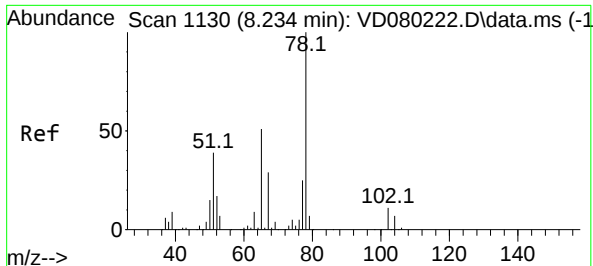
Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 45.6 37.4 56.0





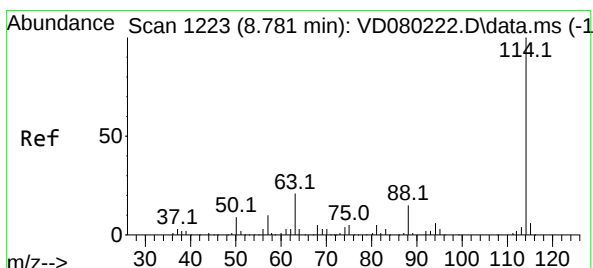
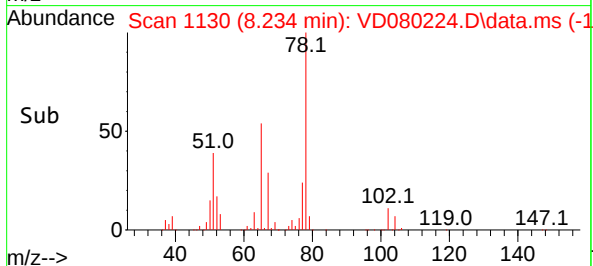
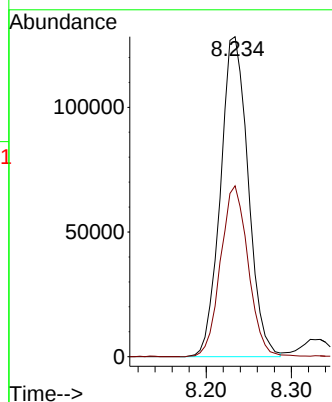
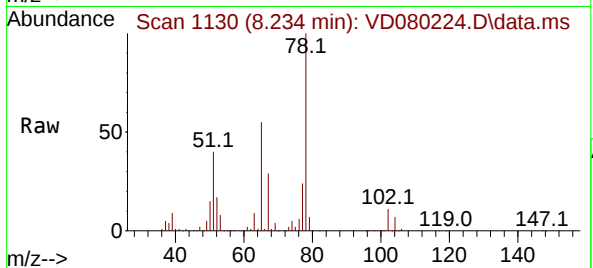
#33
1,2-Dichloroethane-d4
Concen: 157.113 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 29016
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.6

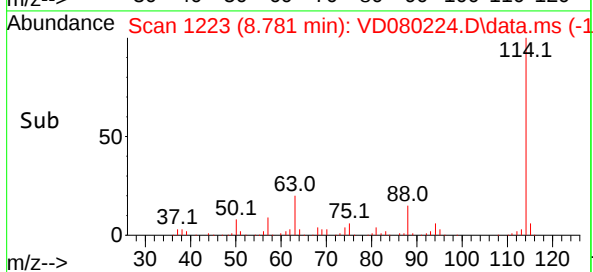
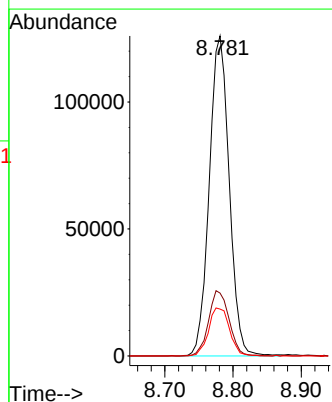
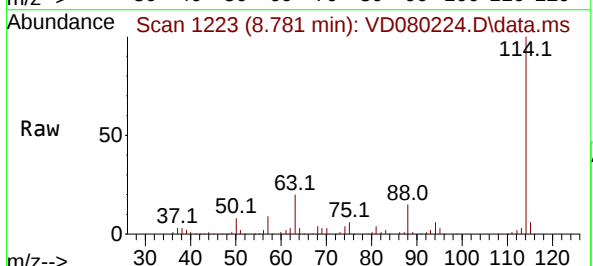
Manual Integrations
APPROVED

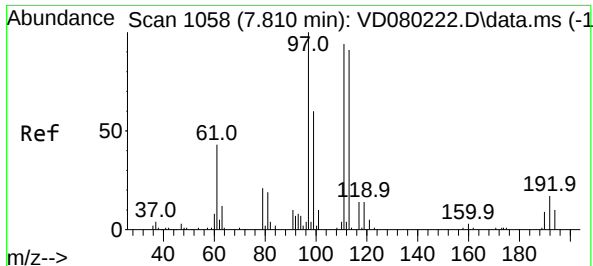
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:114 Resp: 256601
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.8
88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 134.962 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 113 Resp: 24544

Ion Ratio Lower Upper

113 100

111 104.3 85.0 127.4

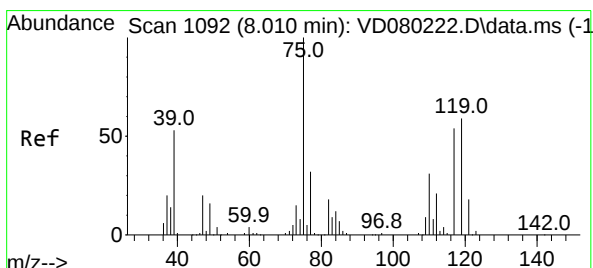
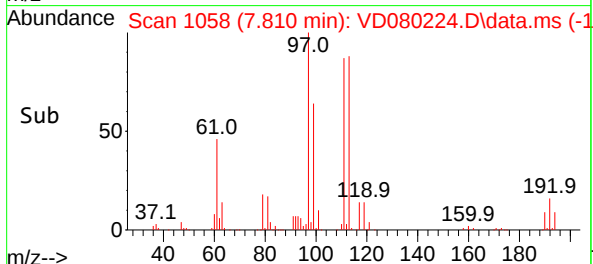
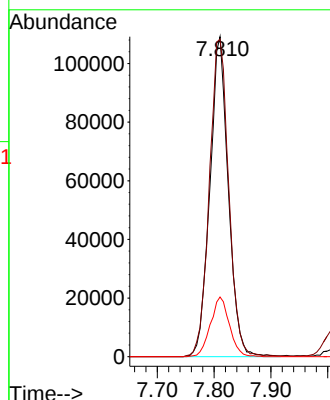
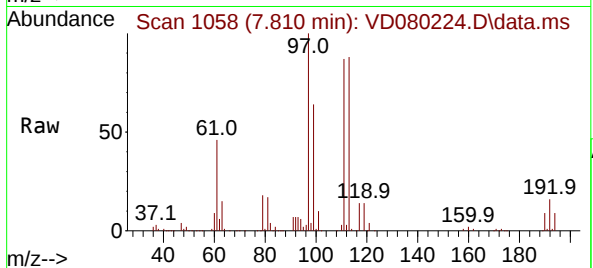
192 19.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#36

1,1-Dichloropropene

Concen: 138.233 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

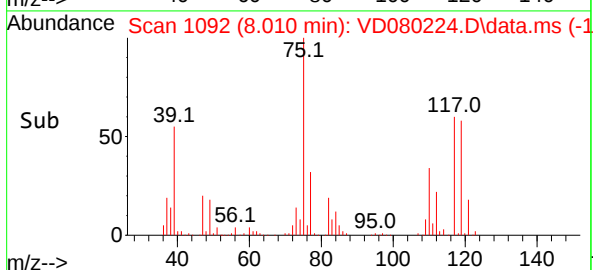
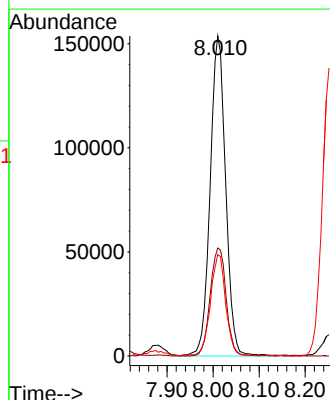
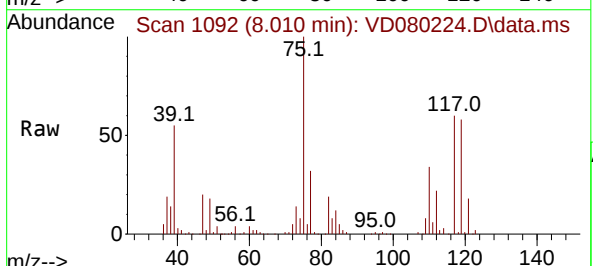
Tgt Ion: 75 Resp: 360068

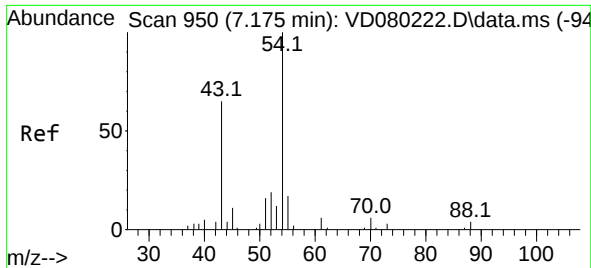
Ion Ratio Lower Upper

75 100

110 34.7 17.1 51.2

77 31.3 25.6 38.4





#37

Ethyl Acetate

Concen: 155.564 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 19870

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

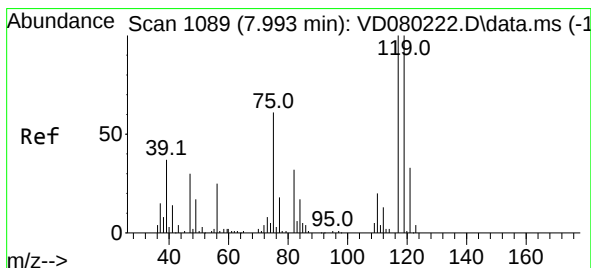
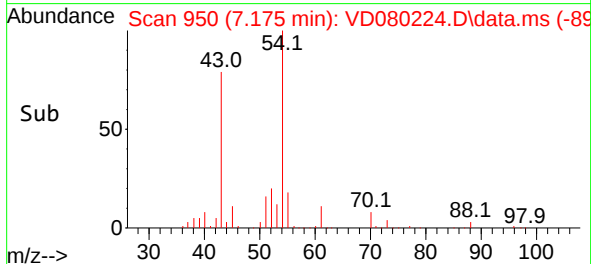
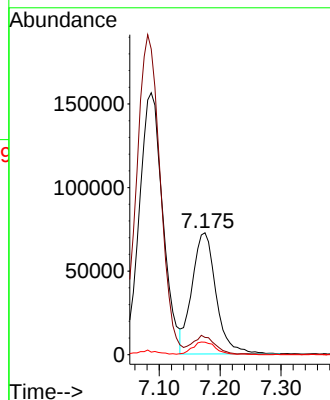
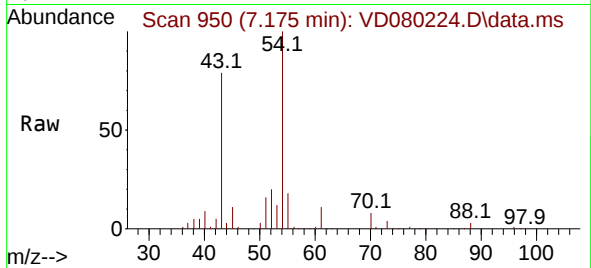
70 9.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#38

Carbon Tetrachloride

Concen: 131.718 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

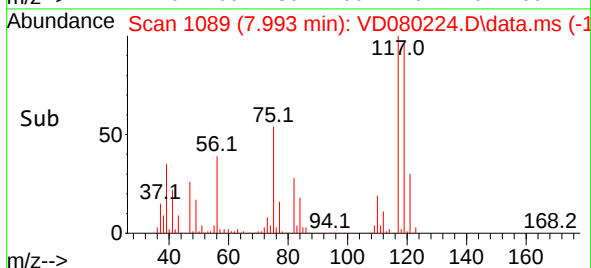
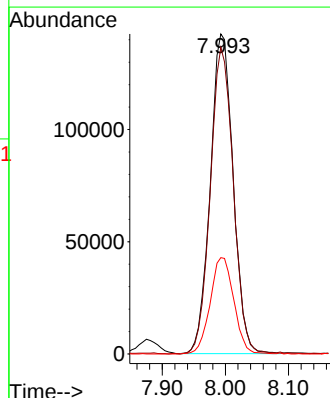
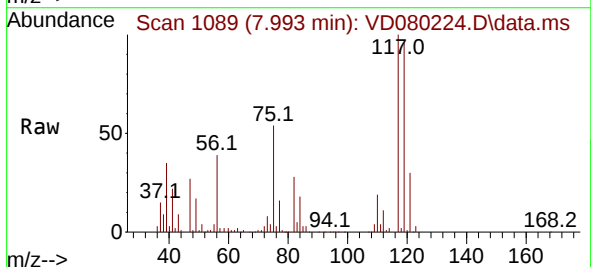
Tgt Ion:117 Resp: 358375

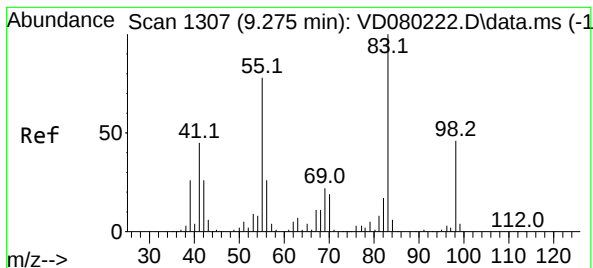
Ion Ratio Lower Upper

117 100

119 95.9 79.8 119.6

121 30.1 26.6 39.8





#39

Methylcyclohexane

Concen: 155.759 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

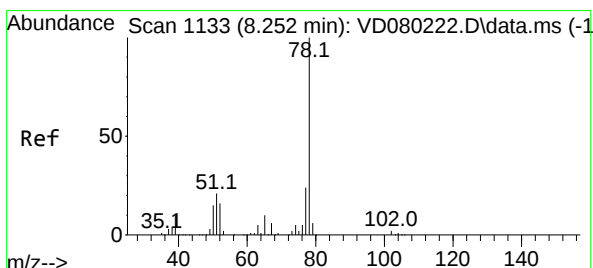
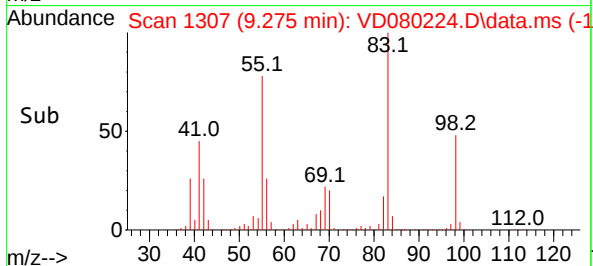
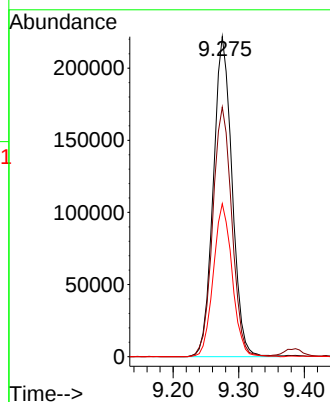
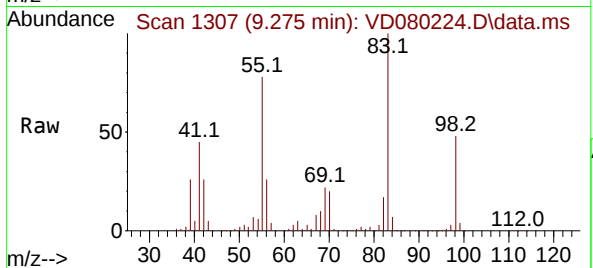
Tgt Ion: 83 Resp: 440784

Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.5	93.7
98	47.8	37.1	55.7

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 154.978 ug/l

RT: 8.251 min Scan# 1133

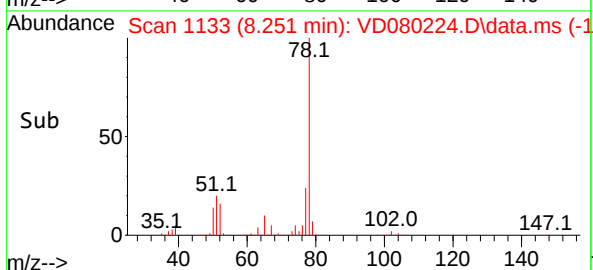
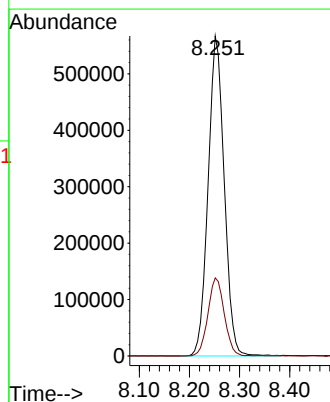
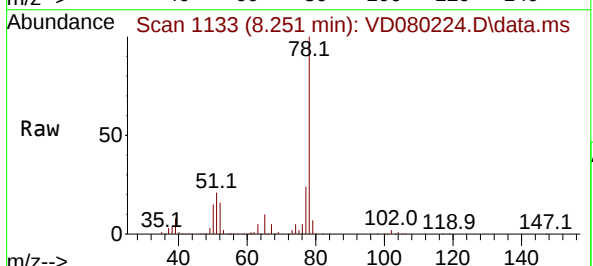
Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Tgt Ion: 78 Resp: 1265353

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





#41
Methacrylonitrile
Concen: 152.980 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

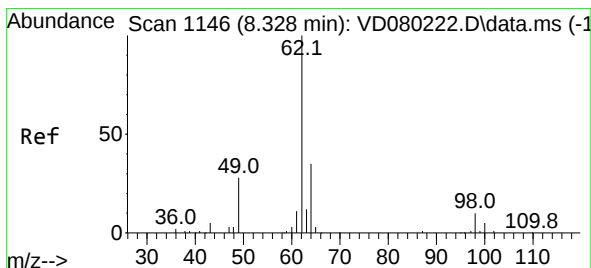
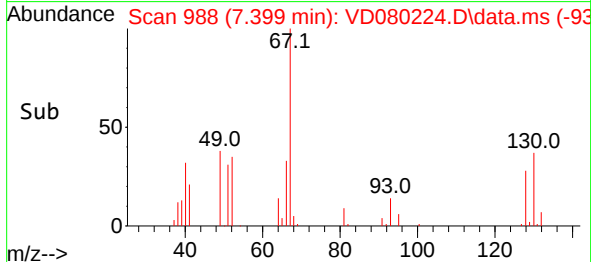
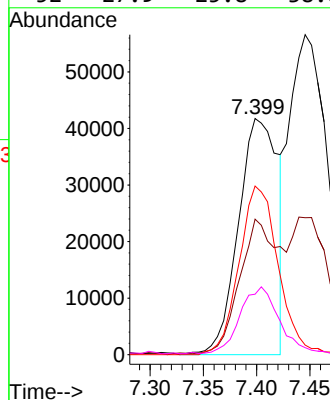
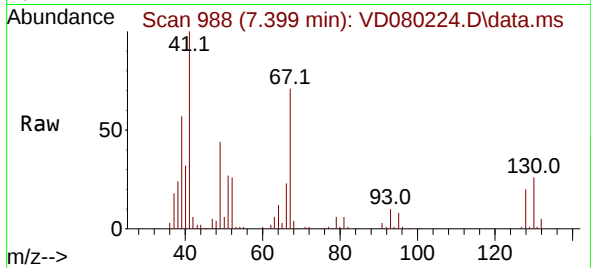
VSTDICC150

Tgt Ion: 41 Resp: 107714
Ion Ratio Lower Upper
41 100
39 58.9 44.7 67.1
67 71.5 55.0 82.4
52 27.9 25.8 38.8

Manual Integrations

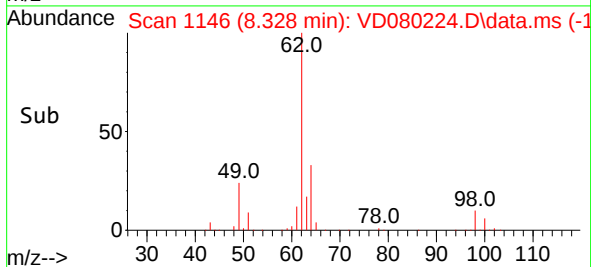
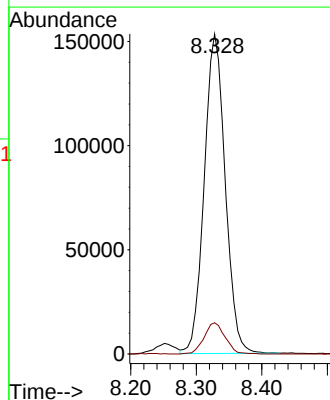
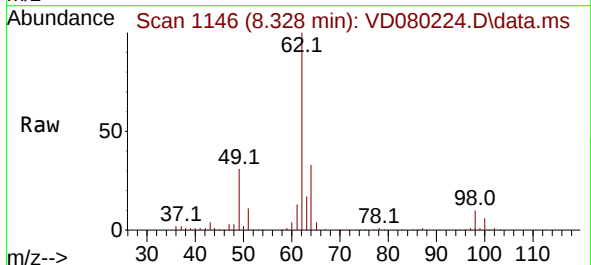
APPROVED

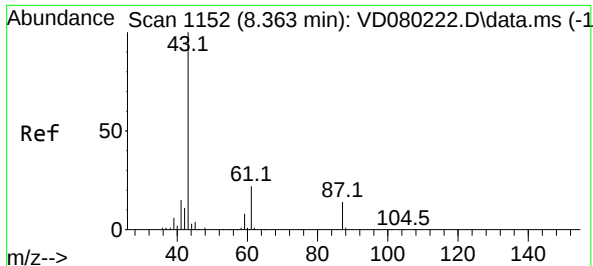
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#42
1,2-Dichloroethane
Concen: 146.899 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

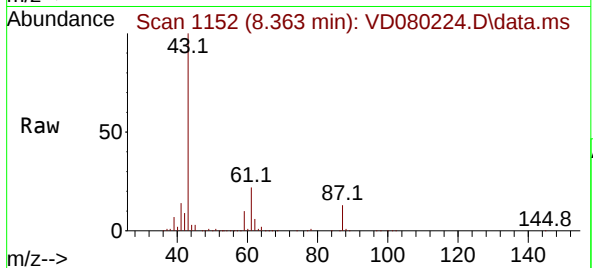
Tgt Ion: 62 Resp: 341308
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4





#43
Isopropyl Acetate
Concen: 169.098 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

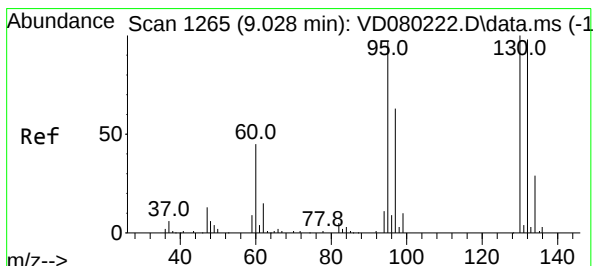
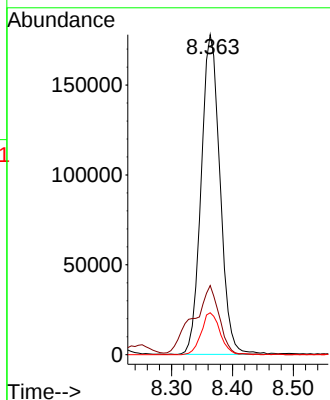
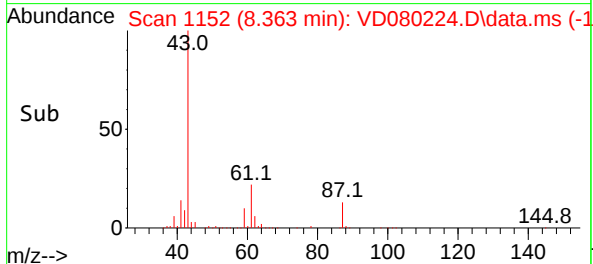
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 383324
Ion Ratio Lower Upper
43 100
61 29.9 25.0 37.4
87 13.2 10.7 16.1

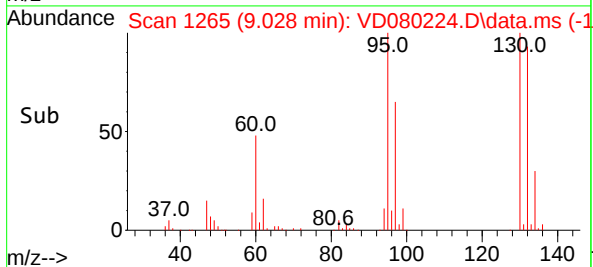
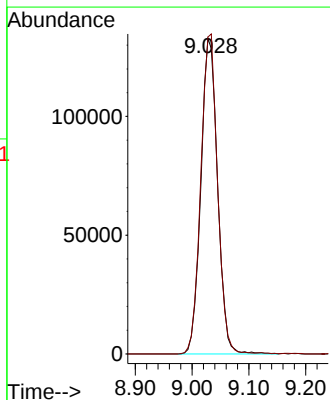
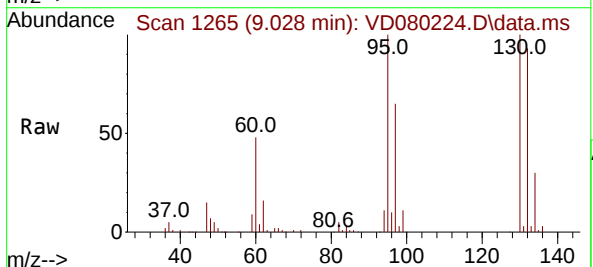
Manual Integrations
APPROVED

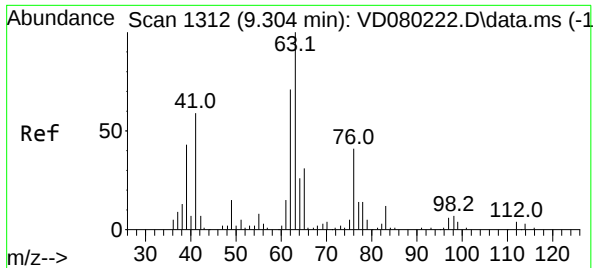
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#44
Trichloroethene
Concen: 143.783 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:130 Resp: 271200
Ion Ratio Lower Upper
130 100
95 100.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 134.498 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 27621

Ion Ratio Lower Upper

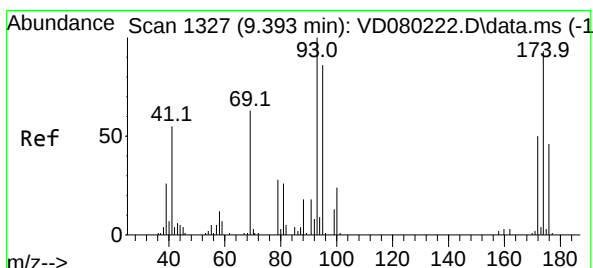
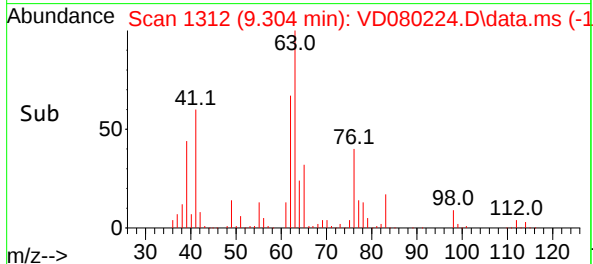
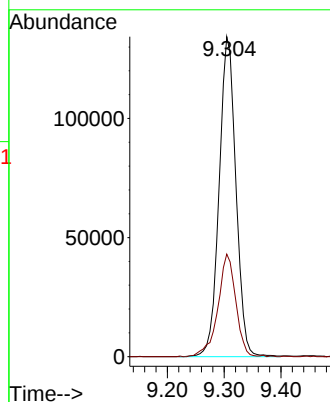
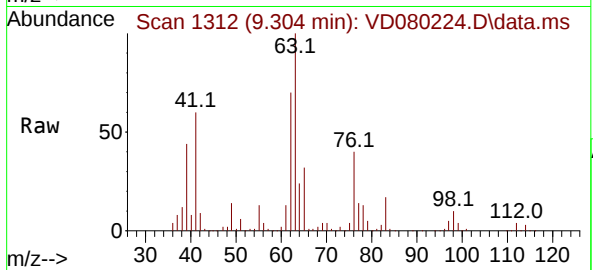
63 100

65 32.1 24.6 36.8

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 129.686 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

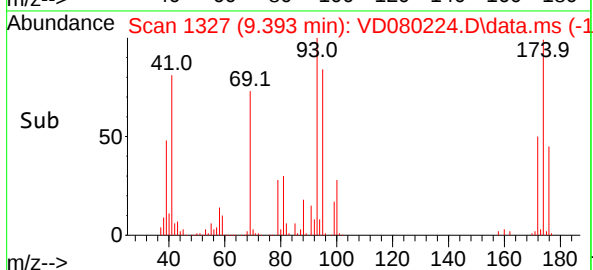
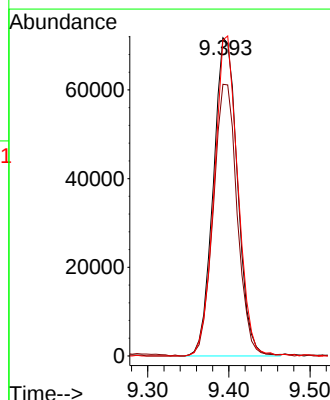
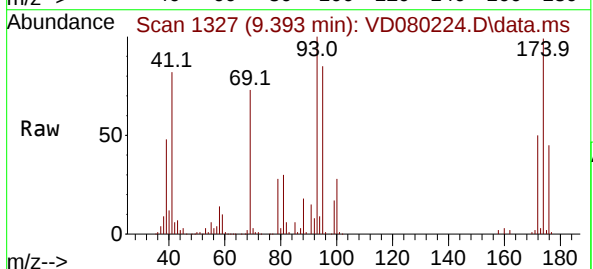
Tgt Ion: 93 Resp: 148381

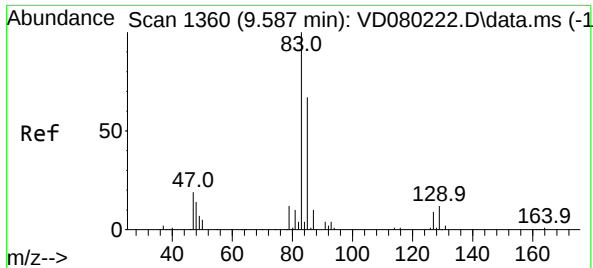
Ion Ratio Lower Upper

93 100

95 84.3 66.8 100.2

174 98.1 76.8 115.2





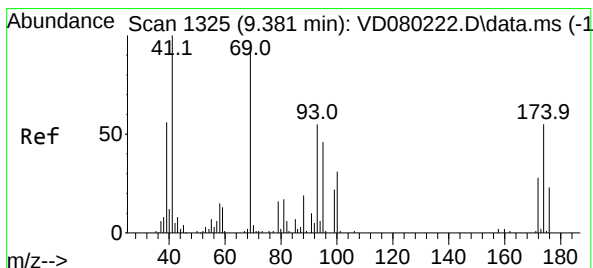
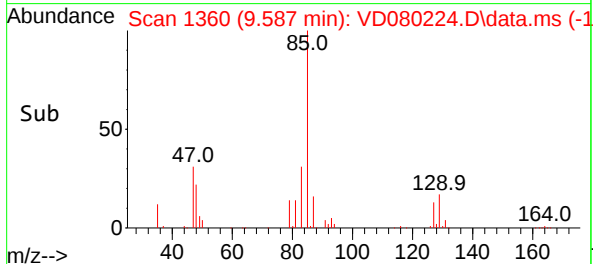
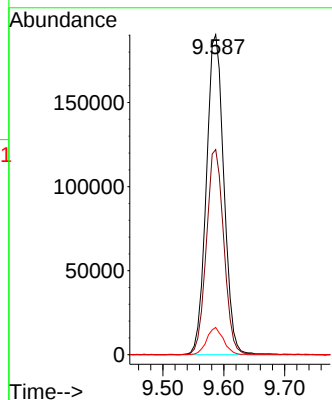
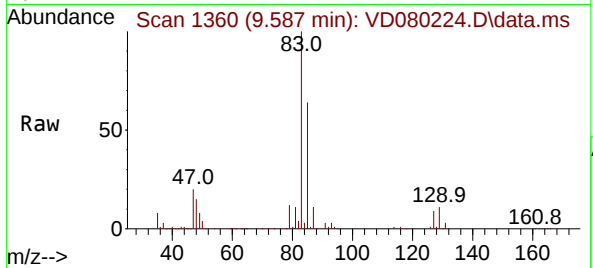
#47
Bromodichloromethane
Concen: 131.771 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 38020
Ion Ratio Lower Upper
83 100
85 64.1 53.6 80.4
127 8.5 7.4 11.2

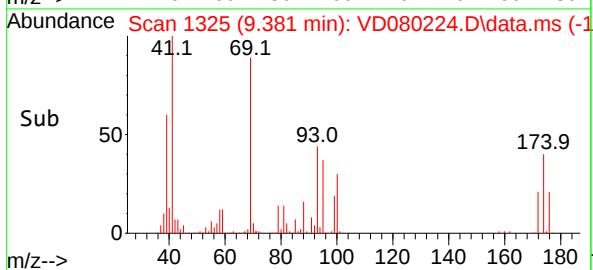
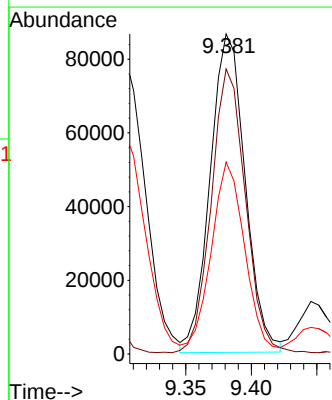
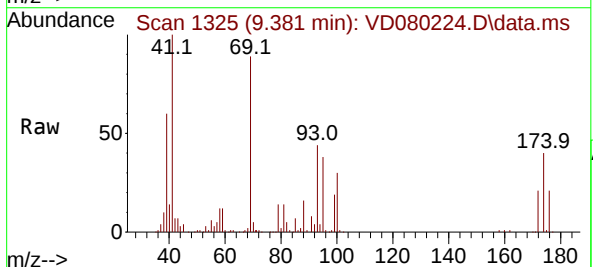
Manual Integrations
APPROVED

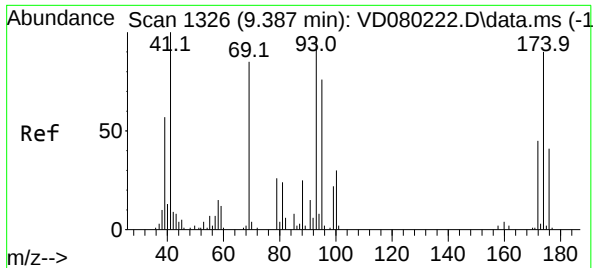
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#48
Methyl methacrylate
Concen: 153.323 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 41 Resp: 160837
Ion Ratio Lower Upper
41 100
69 87.0 73.7 110.5
39 53.9 49.4 74.2





#49

1,4-Dioxane

Concen: 2879.205 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 3583

Ion Ratio Lower Upper

88 100

43 35.1 28.5 42.7

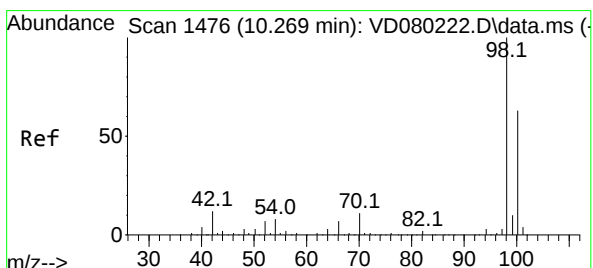
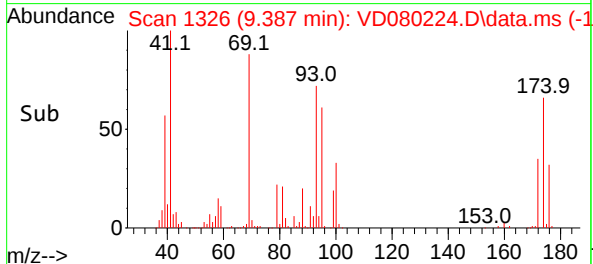
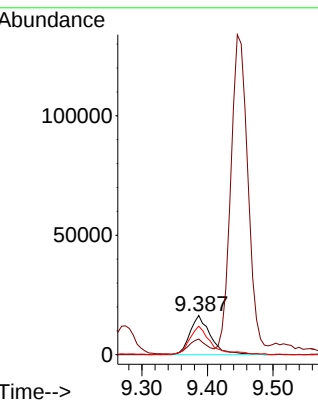
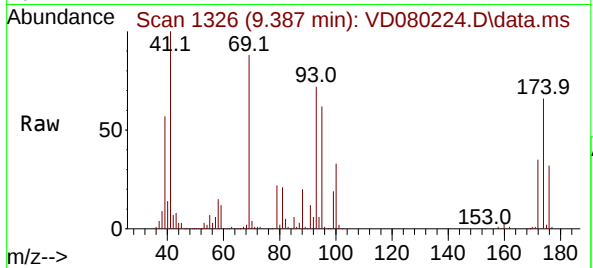
58 76.2 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#50

Toluene-d8

Concen: 137.332 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080224.D

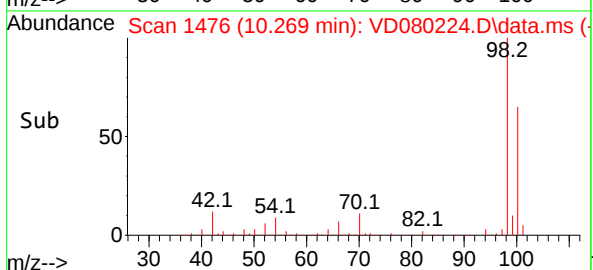
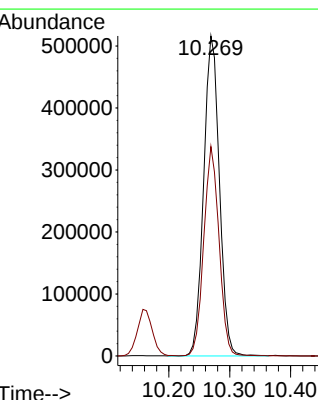
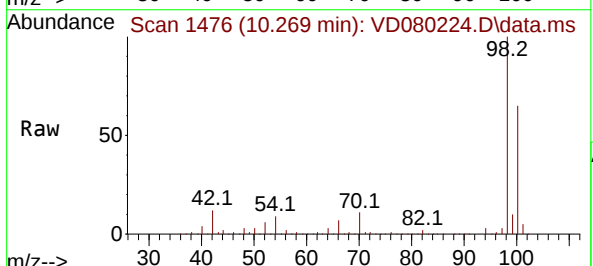
Acq: 03 Feb 2025 12:42

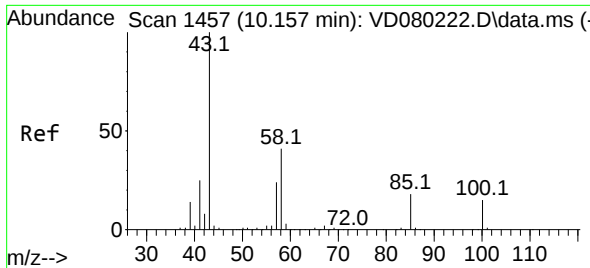
Tgt Ion: 98 Resp: 926189

Ion Ratio Lower Upper

98 100

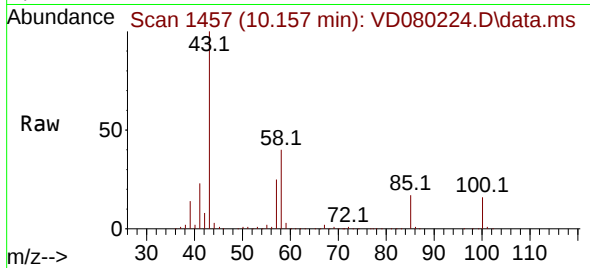
100 63.6 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 741.799 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

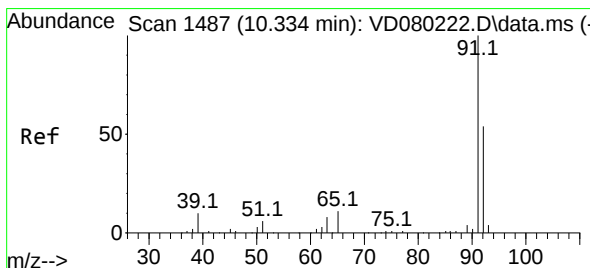
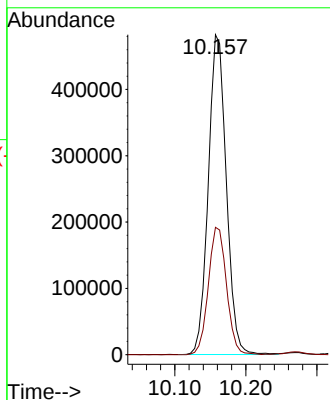
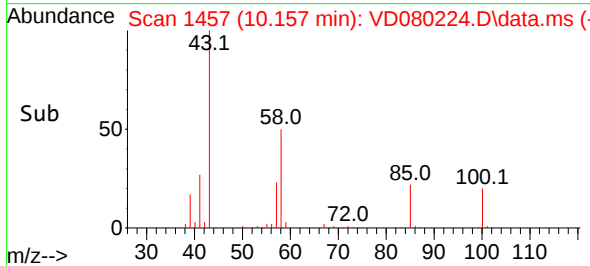
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



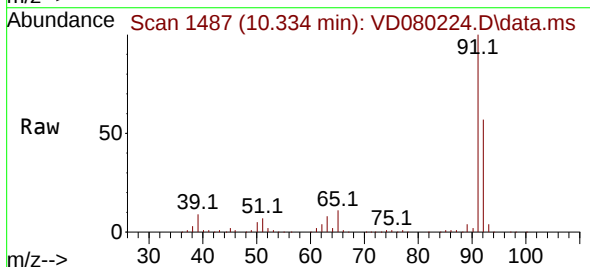
Tgt Ion: 43 Resp: 850290
Ion Ratio Lower Upper
43 100
58 40.2 31.1 46.7

Manual Integrations
APPROVED

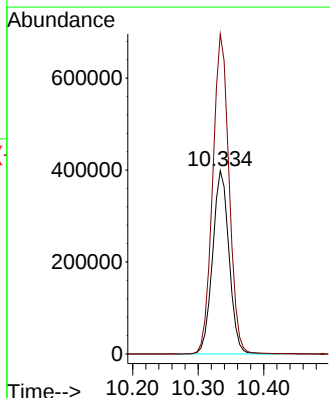
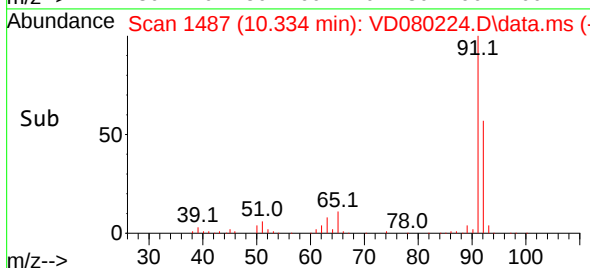
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

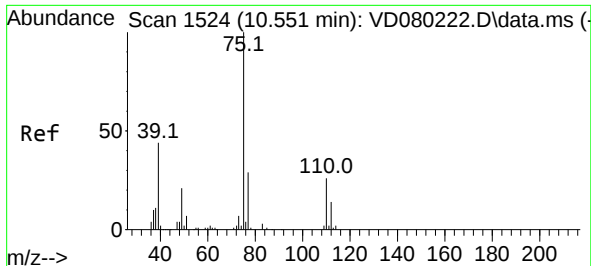


#52
Toluene
Concen: 144.790 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



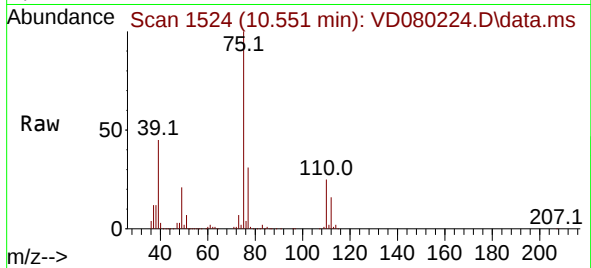
Tgt Ion: 92 Resp: 691478
Ion Ratio Lower Upper
92 100
91 174.4 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 149.415 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

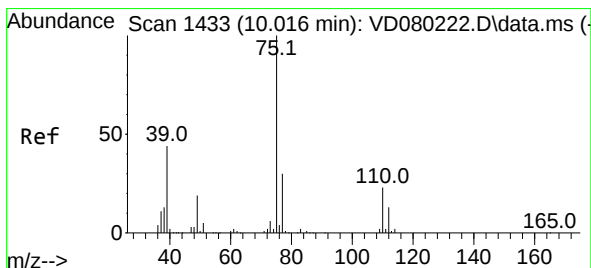
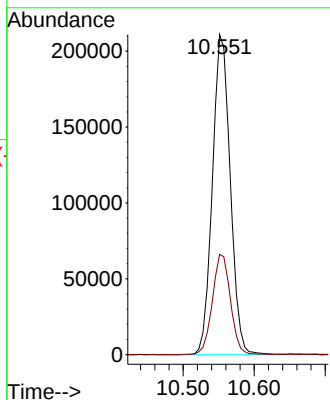
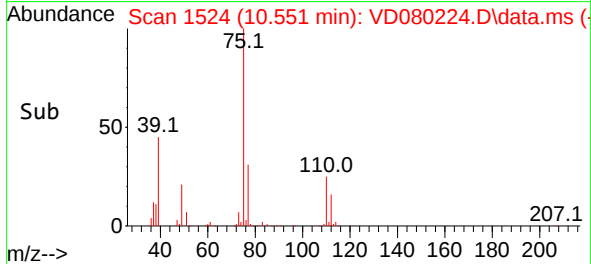
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 367509
Ion Ratio Lower Upper
75 100
77 31.3 23.0 34.4

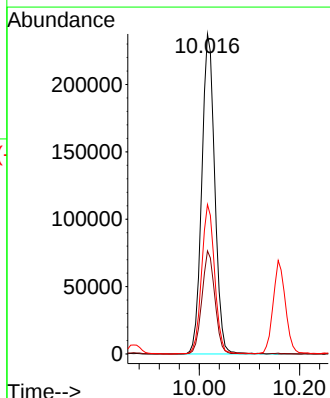
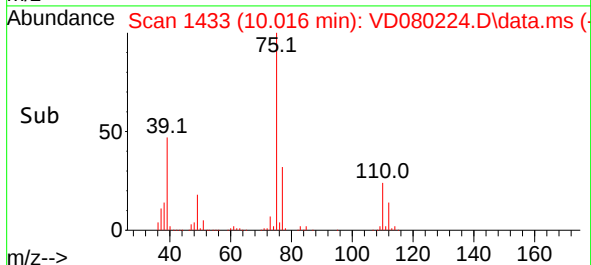
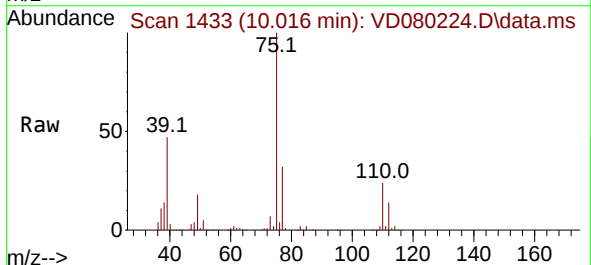
Manual Integrations
APPROVED

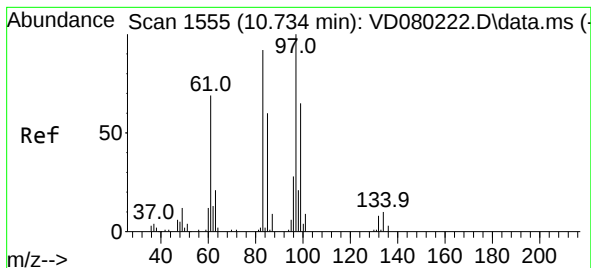
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 142.738 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 75 Resp: 427061
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1
39 46.6 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 139.685 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 97 Resp: 20766

Ion Ratio Lower Upper

97 100

83 87.6 73.9 110.9

85 56.8 48.2 72.2

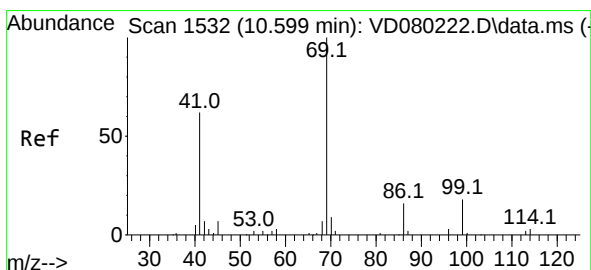
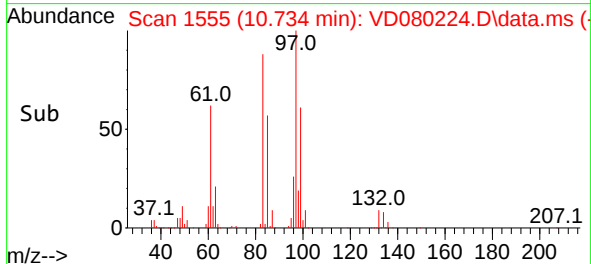
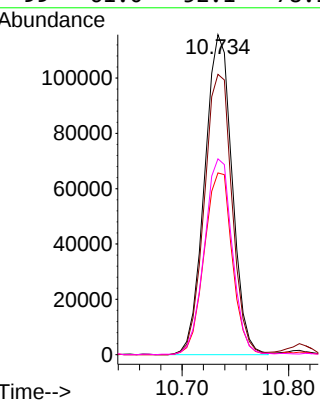
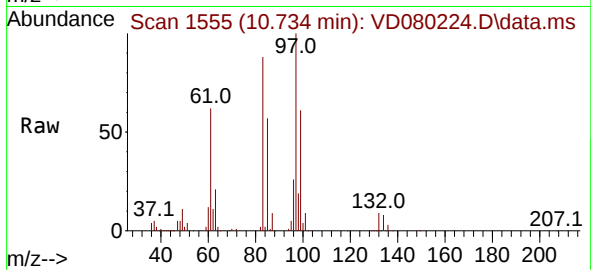
99 61.0 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#56

Ethyl methacrylate

Concen: 163.400 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

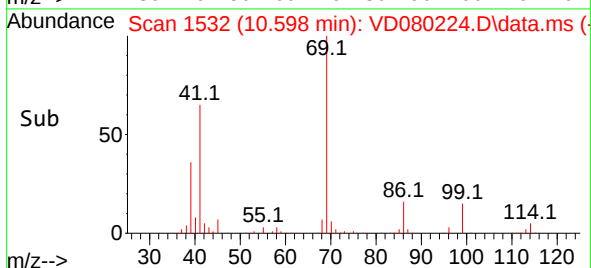
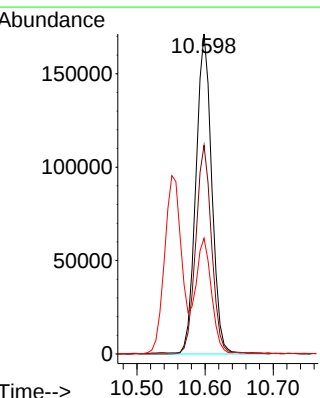
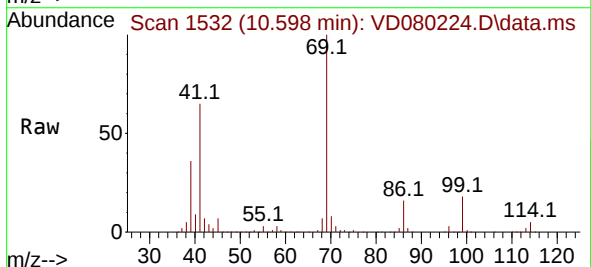
Tgt Ion: 69 Resp: 277178

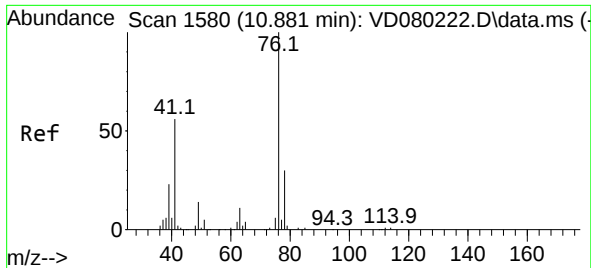
Ion Ratio Lower Upper

69 100

41 64.5 51.8 77.6

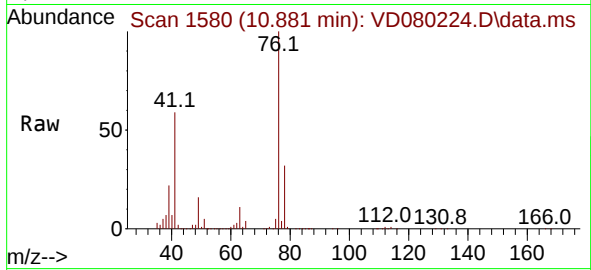
39 35.5 28.7 43.1





#57
1,3-Dichloropropane
Concen: 150.071 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

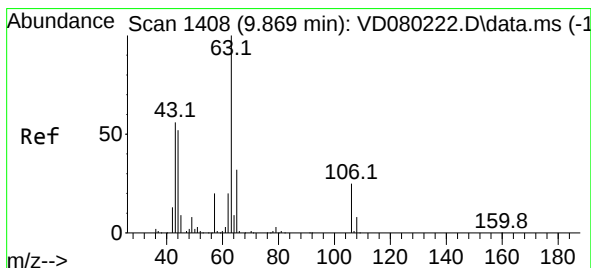
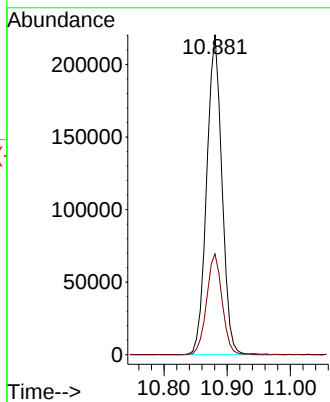
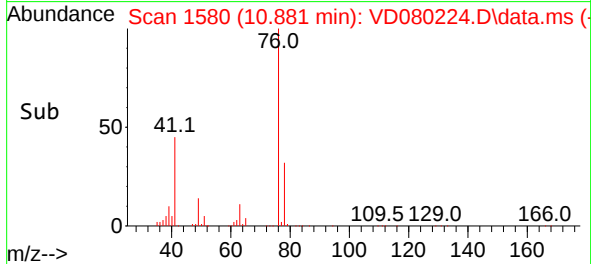
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 369015
Ion Ratio Lower Upper
76 100
78 32.1 25.0 37.4

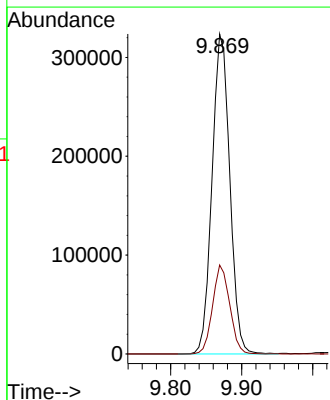
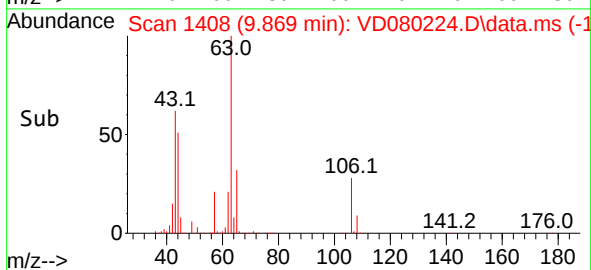
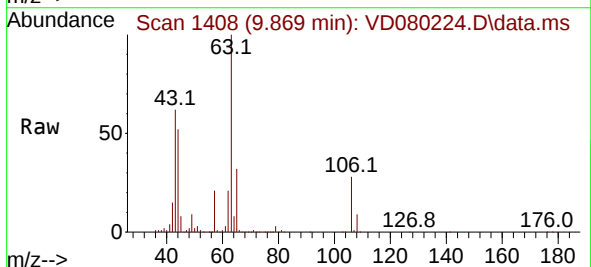
Manual Integrations
APPROVED

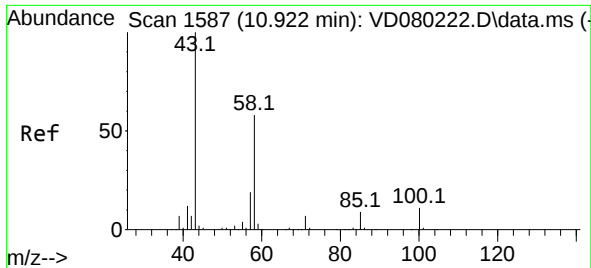
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 774.430 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

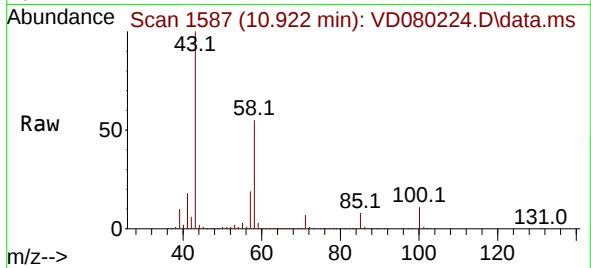
Tgt Ion: 63 Resp: 560691
Ion Ratio Lower Upper
63 100
106 26.8 20.6 30.8





#59
2-Hexanone
Concen: 842.421 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

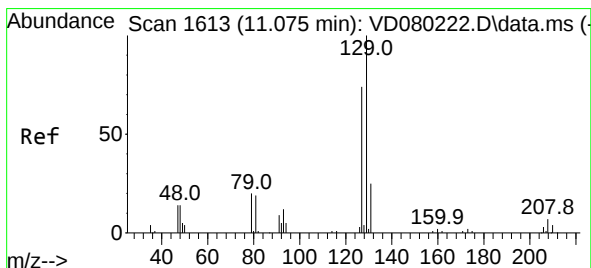
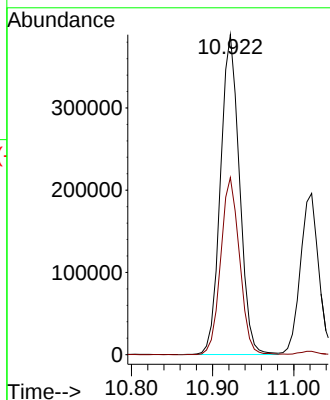
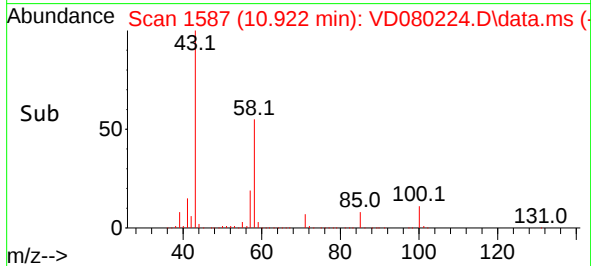
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



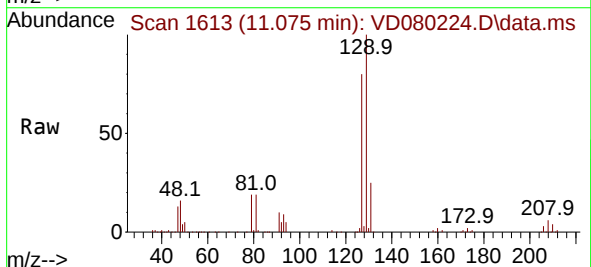
Tgt Ion: 43 Resp: 633650
Ion Ratio Lower Upper
43 100
58 54.9 27.4 82.2

Manual Integrations
APPROVED

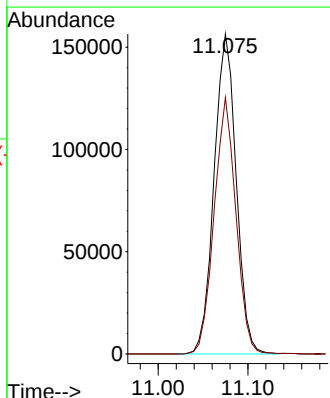
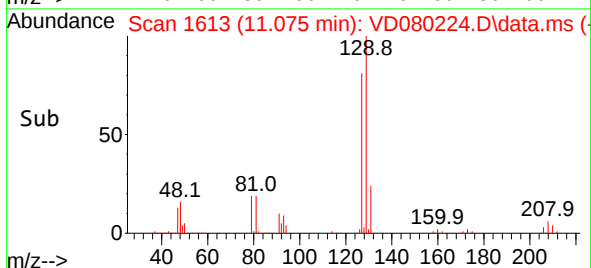
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

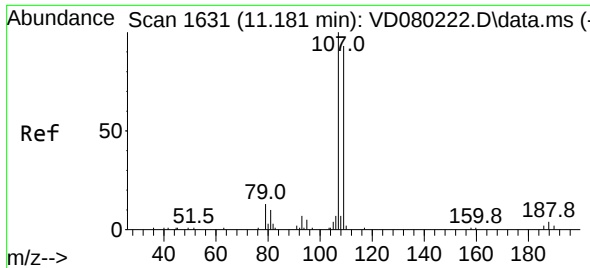


#60
Dibromochloromethane
Concen: 146.167 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



Tgt Ion:129 Resp: 267844
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5





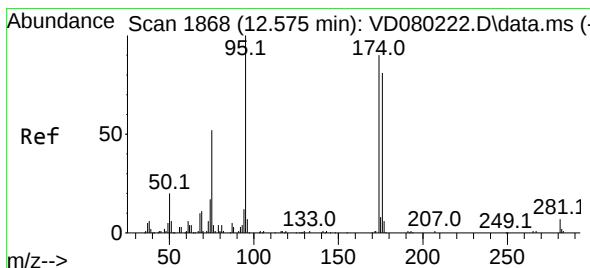
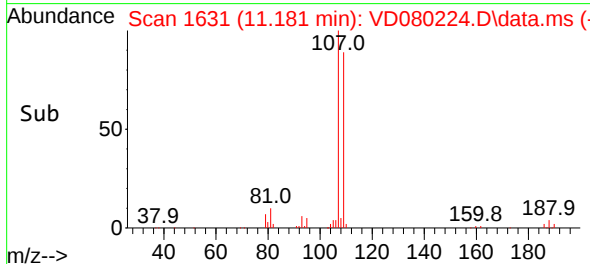
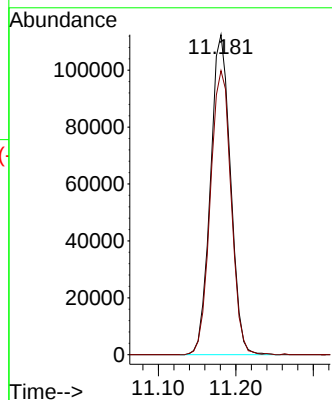
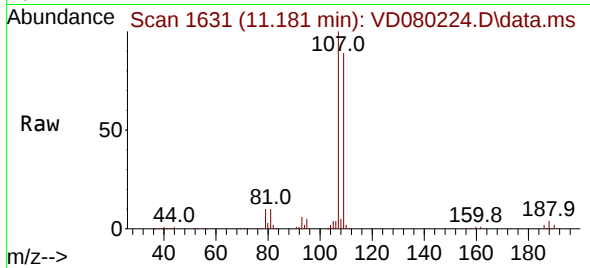
#61
1,2-Dibromoethane
Concen: 149.984 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 203070
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7

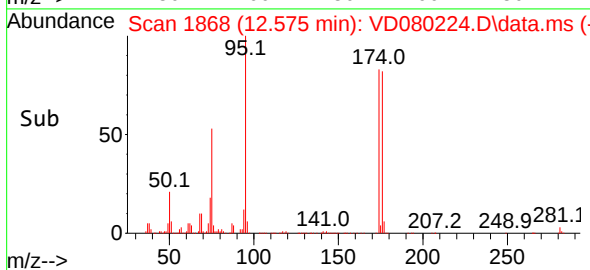
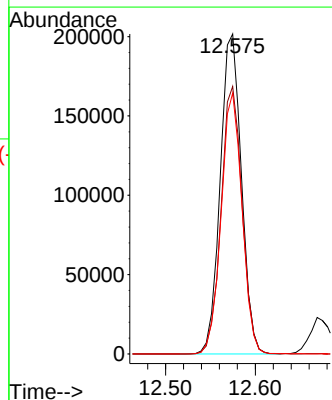
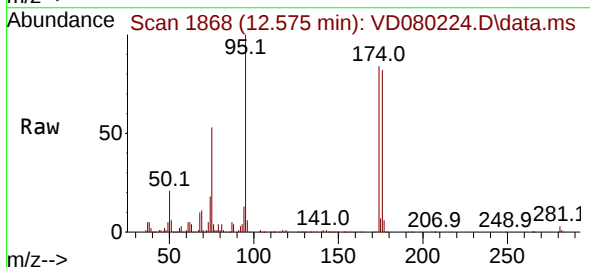
Manual Integrations
APPROVED

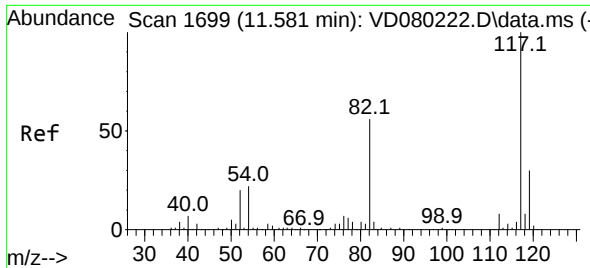
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#62
4-Bromofluorobenzene
Concen: 152.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

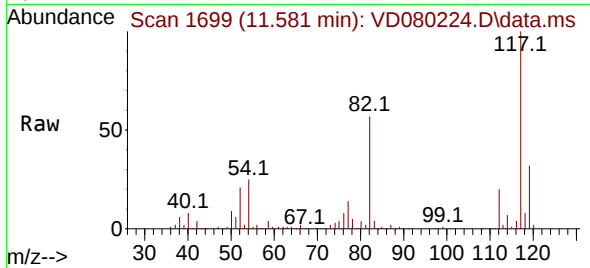
Tgt Ion: 95 Resp: 330097
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.8
176 80.4 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

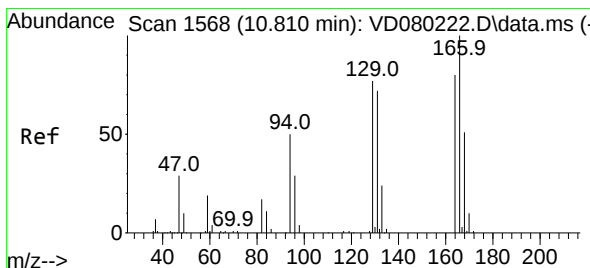
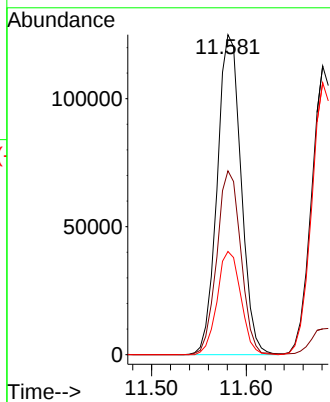
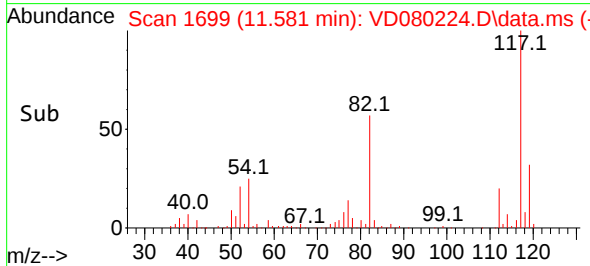
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 219579
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.6
119 32.3 24.3 36.5

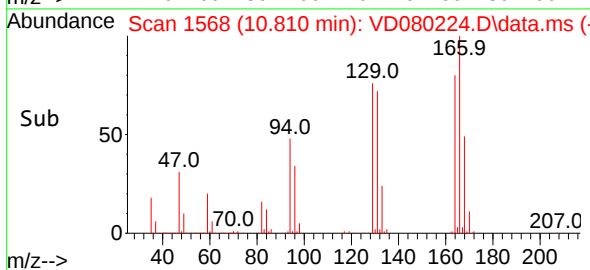
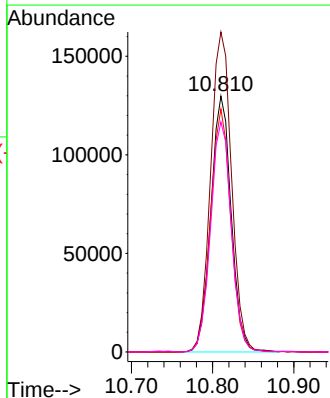
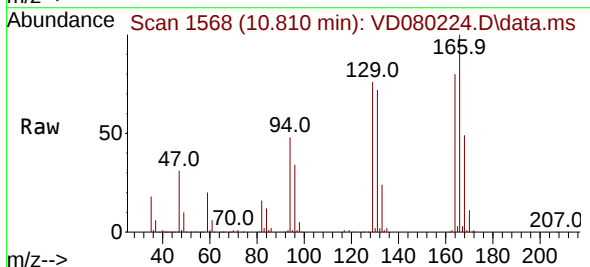
Manual Integrations
APPROVED

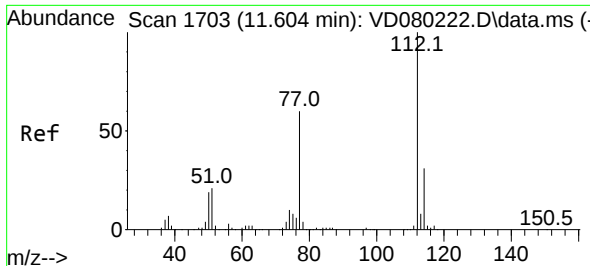
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#64
Tetrachloroethene
Concen: 148.374 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

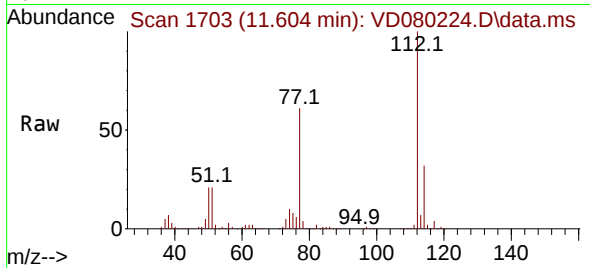
Tgt Ion:164 Resp: 227587
Ion Ratio Lower Upper
164 100
166 125.1 99.4 149.2
129 95.0 76.3 114.5
131 89.9 71.8 107.6





#65
Chlorobenzene
Concen: 150.656 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

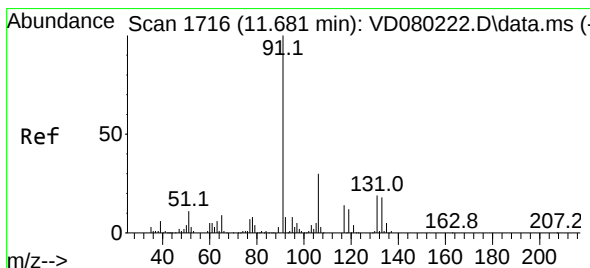
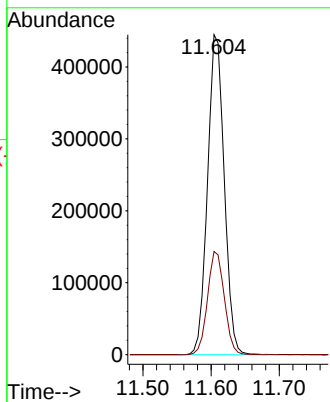
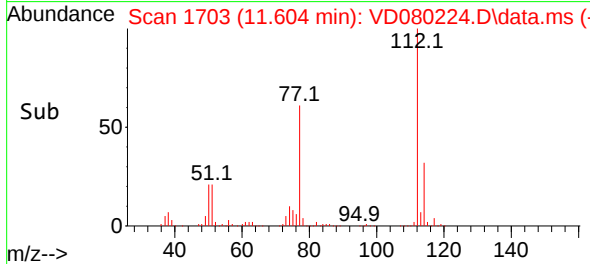
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



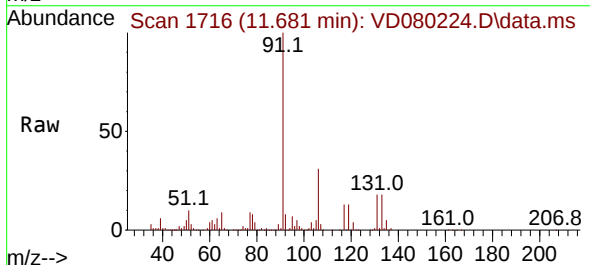
Tgt Ion:112 Resp: 75827
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7

Manual Integrations
APPROVED

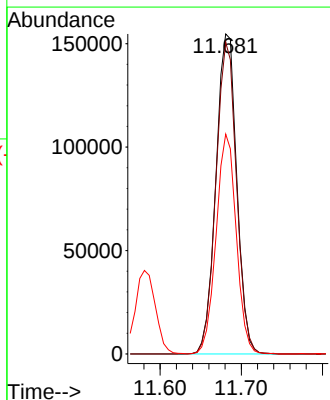
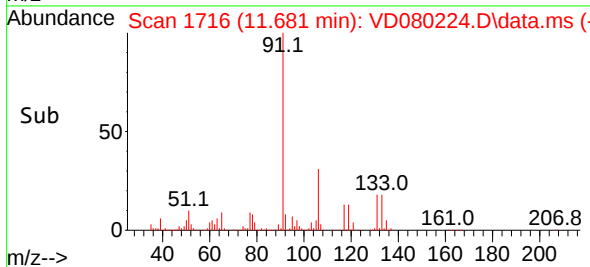
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

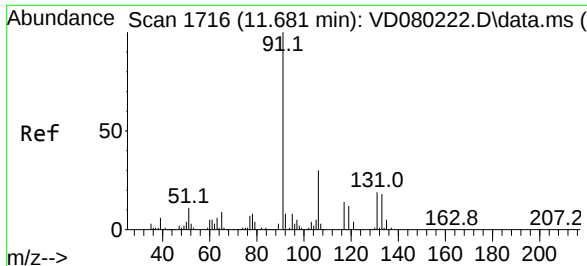


#66
1,1,1,2-Tetrachloroethane
Concen: 157.044 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



Tgt Ion:131 Resp: 276514
Ion Ratio Lower Upper
131 100
133 95.9 45.9 137.7
119 66.4 33.9 101.6





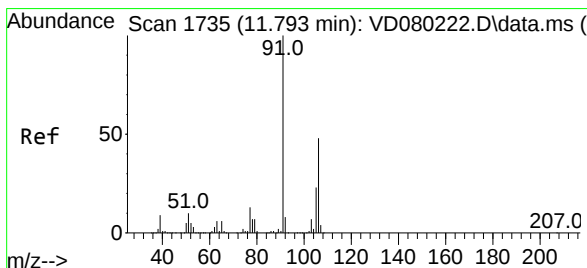
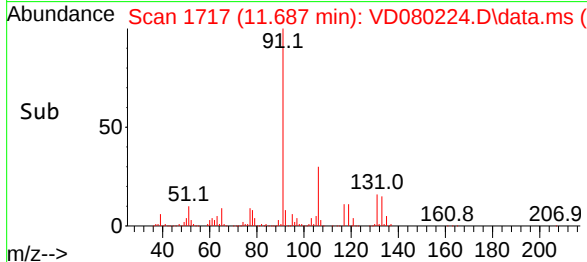
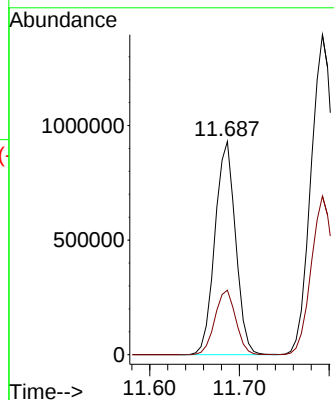
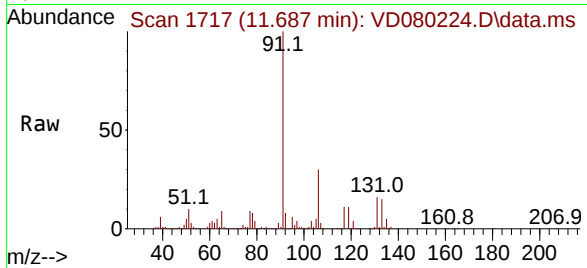
#67
Ethyl Benzene
Concen: 177.240 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 148396
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9

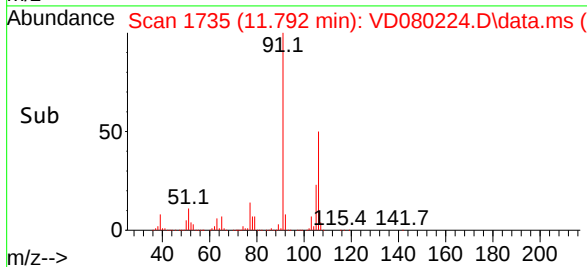
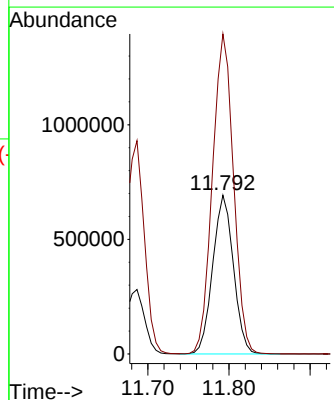
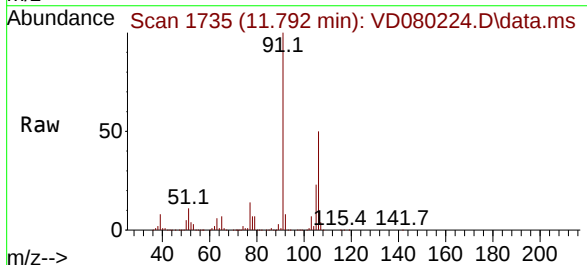
Manual Integrations
APPROVED

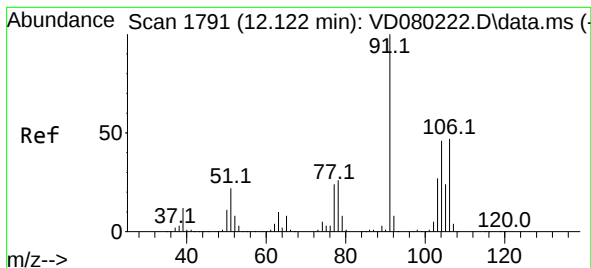
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#68
m/p-Xylenes
Concen: 377.910 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:106 Resp: 1228363
Ion Ratio Lower Upper
106 100
91 204.9 165.8 248.8





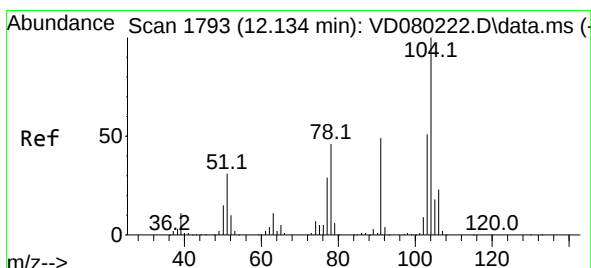
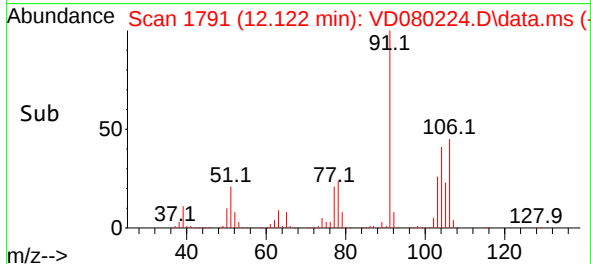
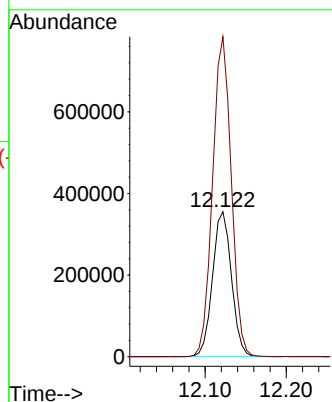
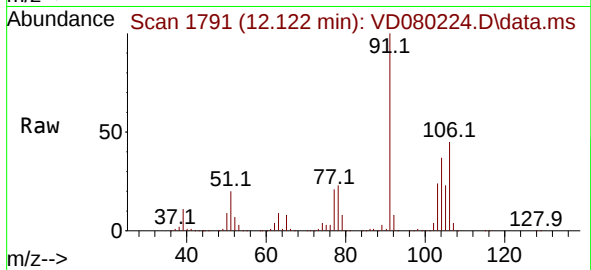
#69
o-Xylene
Concen: 193.825 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 57450
Ion Ratio Lower Upper
106 100
91 218.4 107.7 323.3

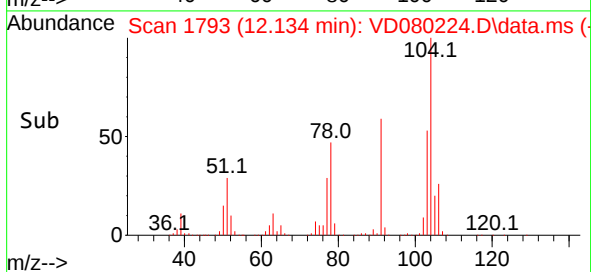
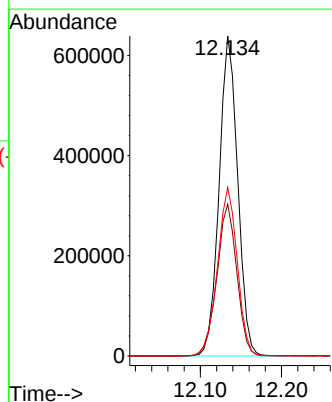
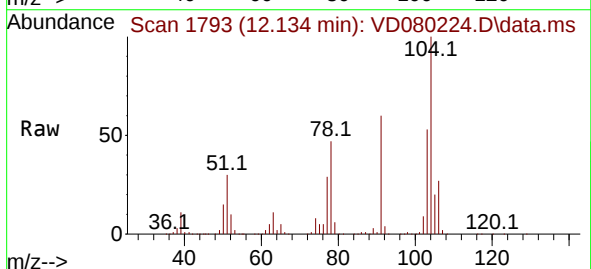
Manual Integrations
APPROVED

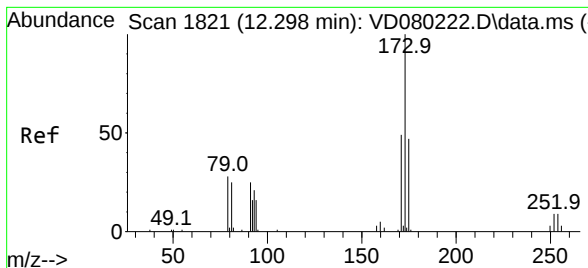
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#70
Styrene
Concen: 192.886 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

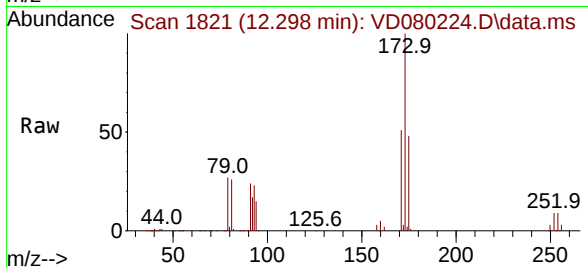
Tgt Ion:104 Resp: 1017681
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 56.1 45.0 67.4





#71
Bromoform
Concen: 167.288 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

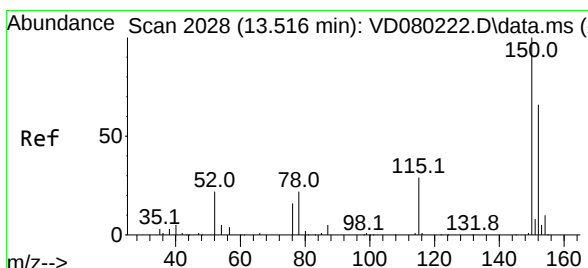
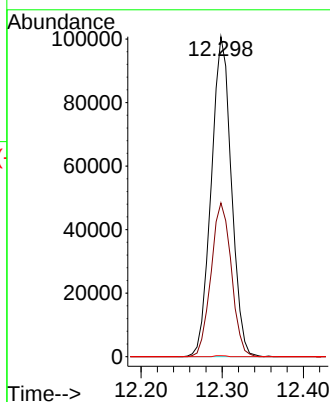
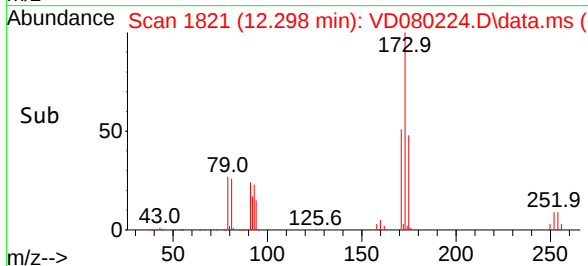
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 17363
Ion Ratio Lower Upper
173 100
175 48.4 23.4 70.0
254 0.2 0.0 0.0

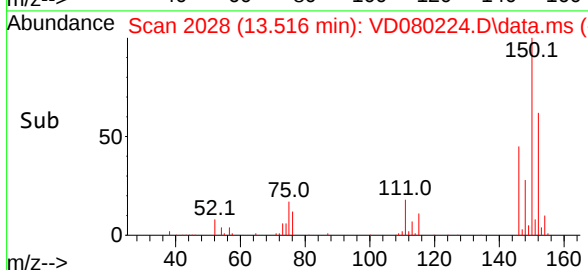
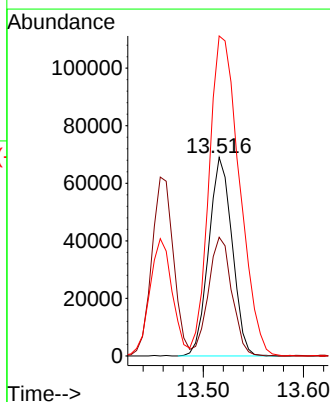
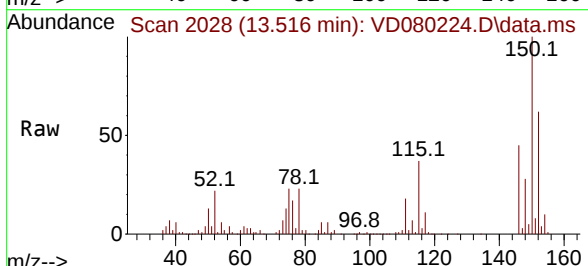
Manual Integrations
APPROVED

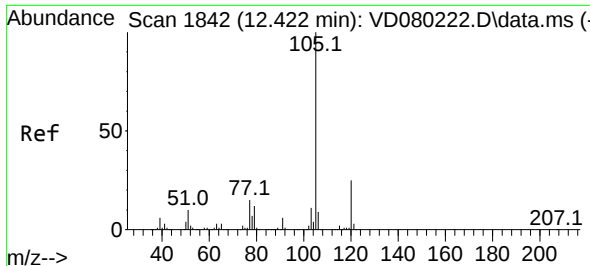
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

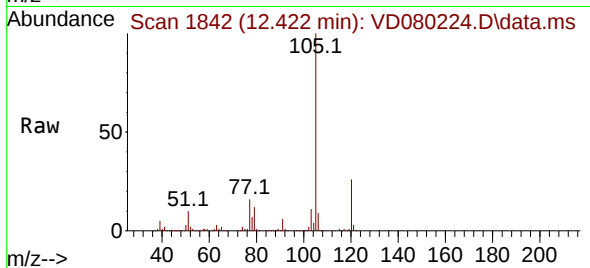
Tgt Ion:152 Resp: 112282
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.1
150 209.3 0.0 350.4





#73
Isopropylbenzene
Concen: 188.162 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

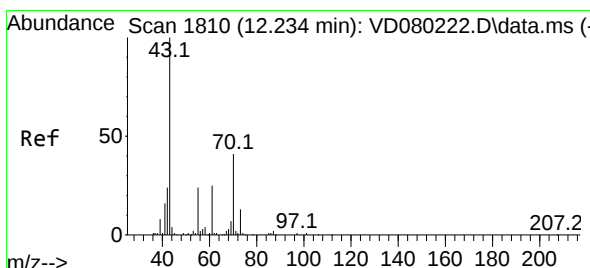
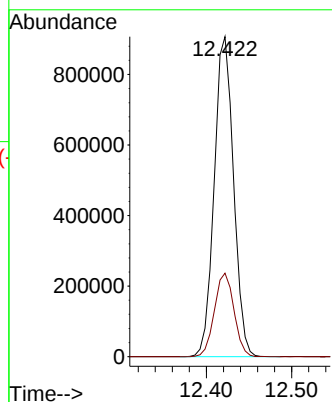
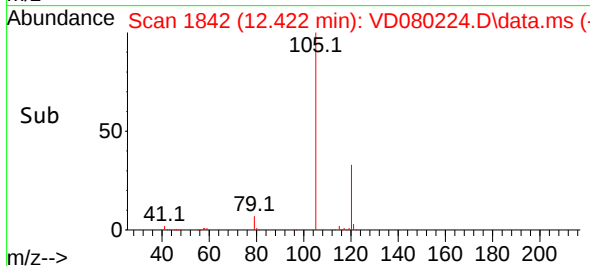
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 1429028
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

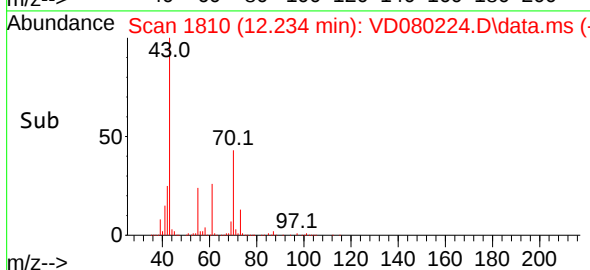
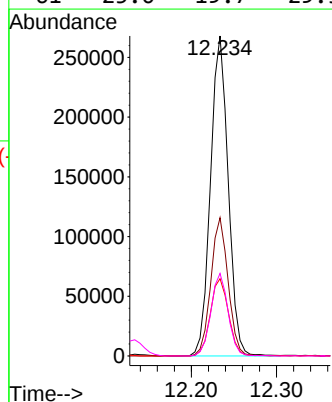
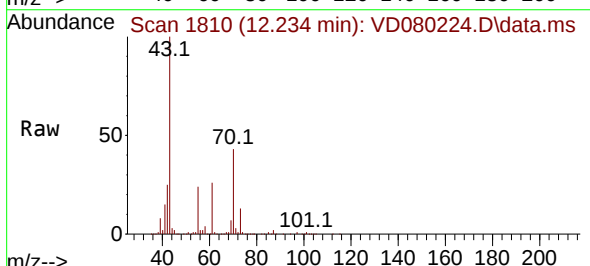
Manual Integrations
APPROVED

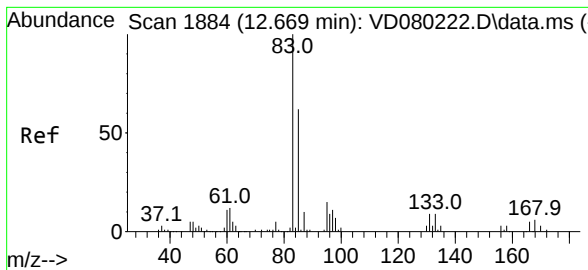
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#74
N-ethyl acetate
Concen: 193.766 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

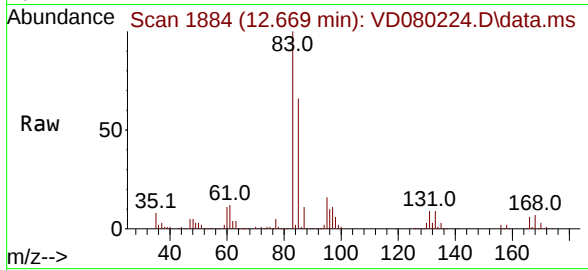
Tgt Ion: 43 Resp: 386829
Ion Ratio Lower Upper
43 100
70 42.2 33.6 50.4
55 24.9 21.4 32.0
61 25.0 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 155.963 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

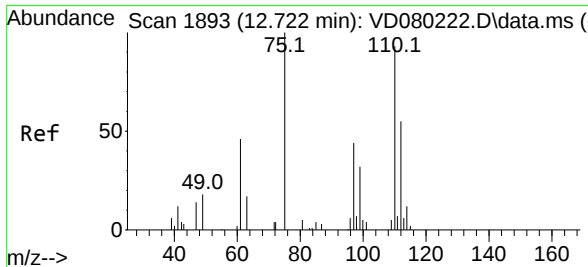
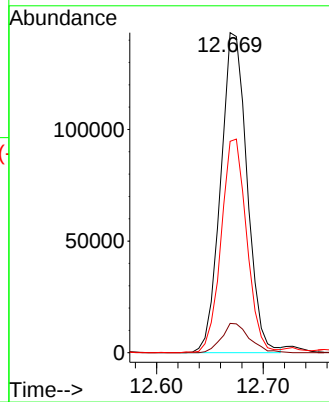
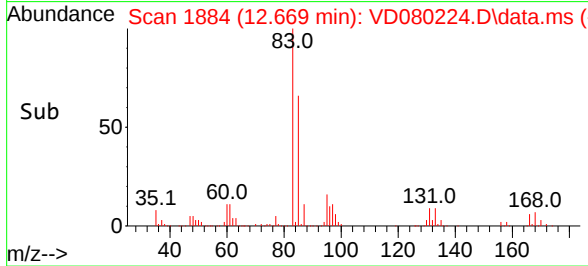
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



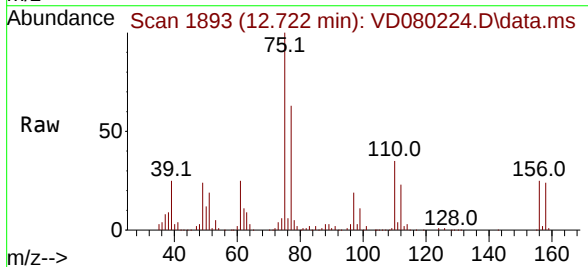
Tgt Ion: 83 Resp: 246479
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 64.6 32.4 97.0

Manual Integrations
APPROVED

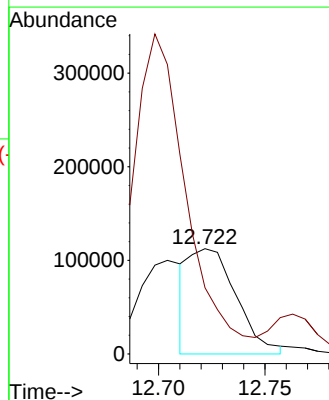
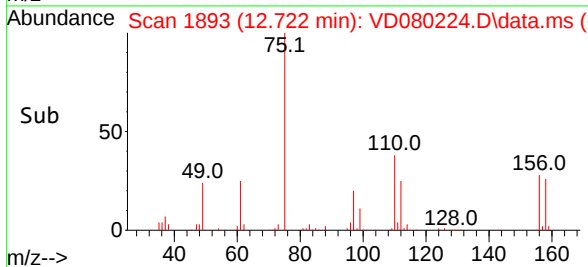
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

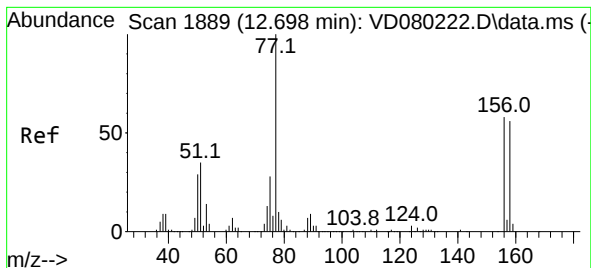


#76
1,2,3-Trichloropropane
Concen: 152.214 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



Tgt Ion: 75 Resp: 172872
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 164.425 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

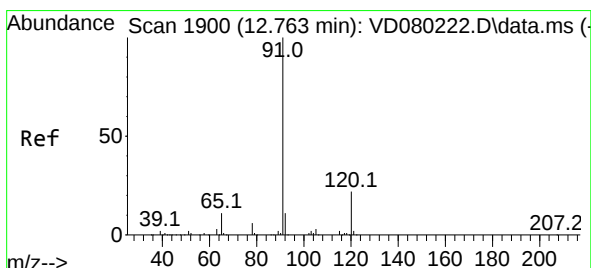
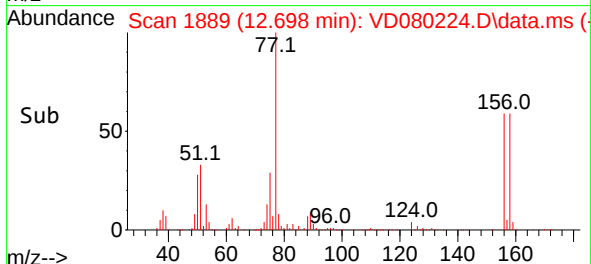
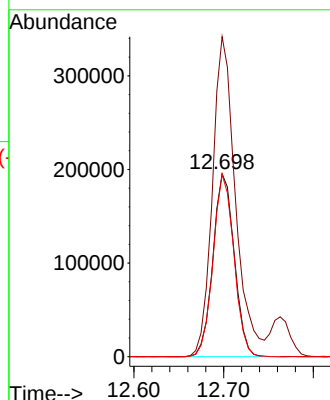
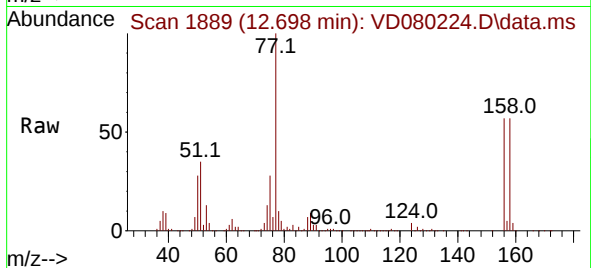
VSTDICC150

Tgt Ion:	156	Resp:	32210
Ion Ratio	Lower	Upper	
156	100		
77	189.0	95.2	285.4
158	97.3	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: 169.799 ug/l

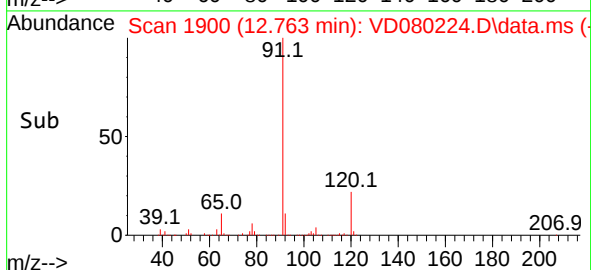
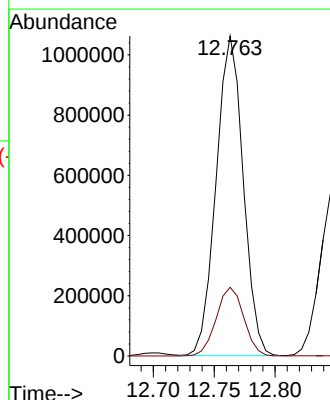
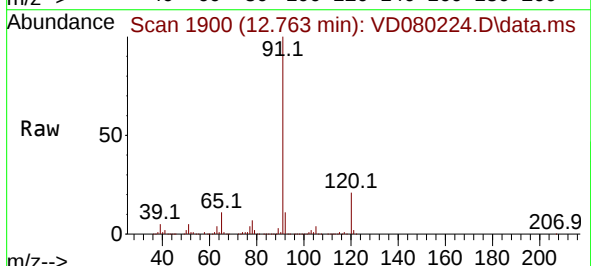
RT: 12.763 min Scan# 1900

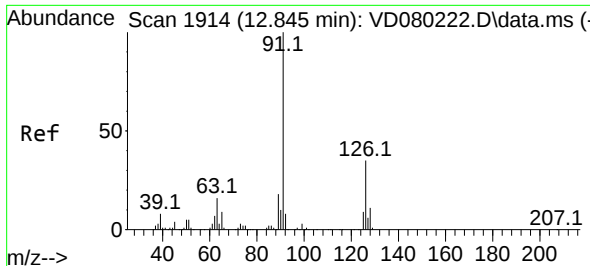
Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Tgt Ion:	91	Resp:	1641879
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.0	33.0





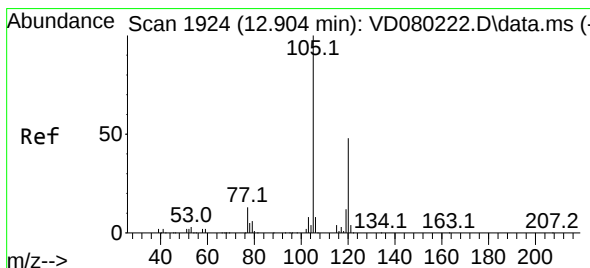
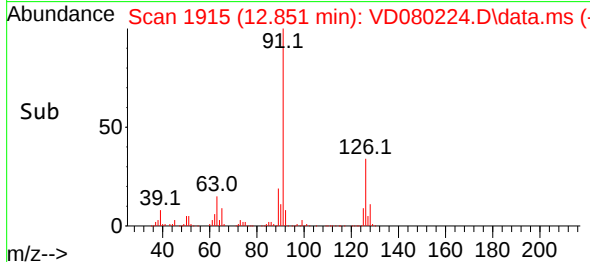
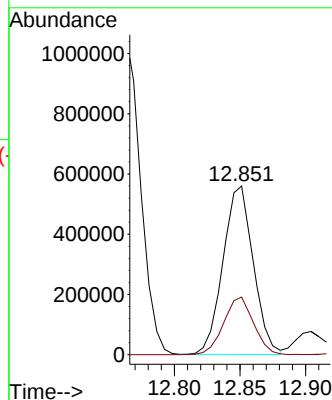
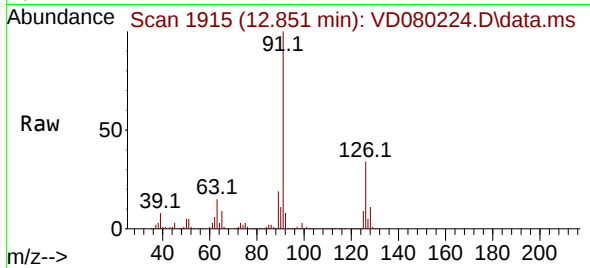
#79
2-Chlorotoluene
Concen: 163.690 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 899200
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4

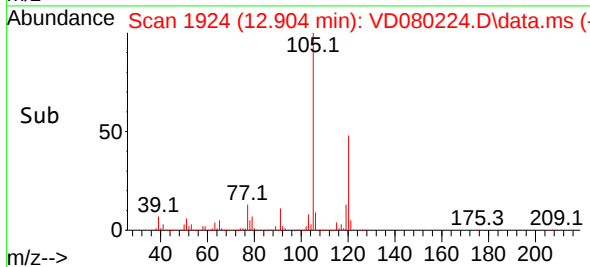
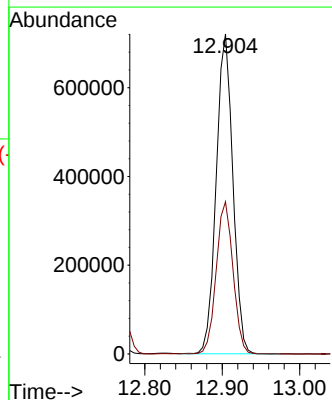
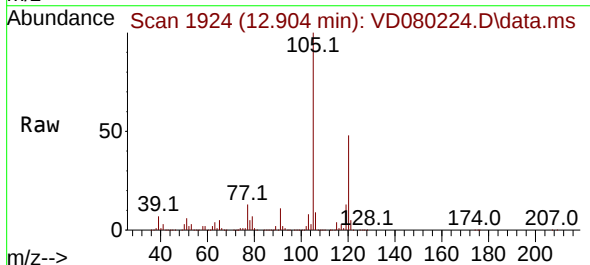
Manual Integrations
APPROVED

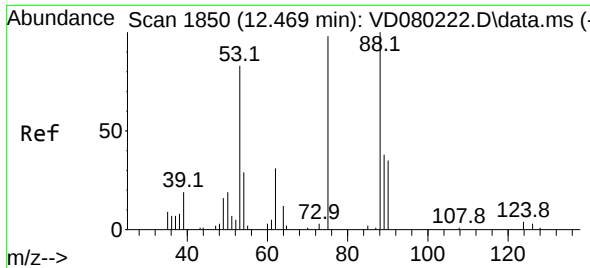
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 169.444 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

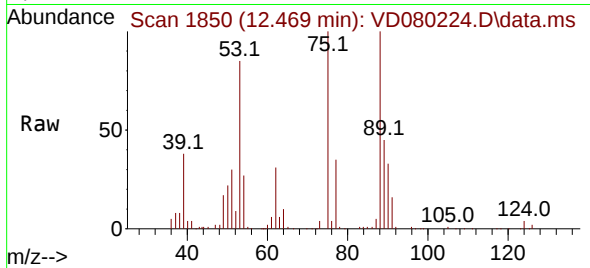
Tgt Ion:105 Resp: 1076221
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 176.857 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

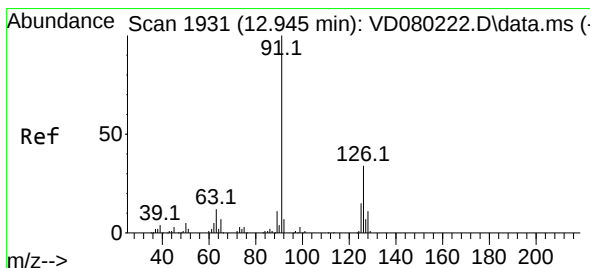
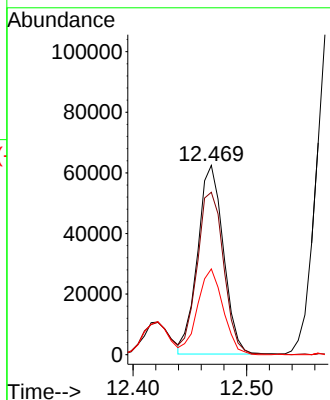
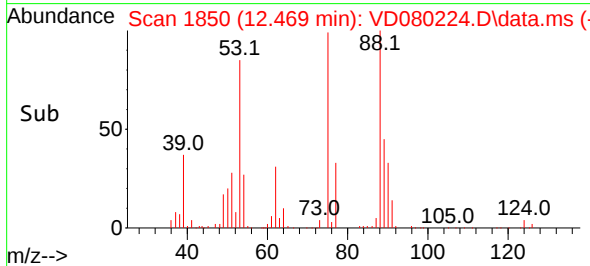
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



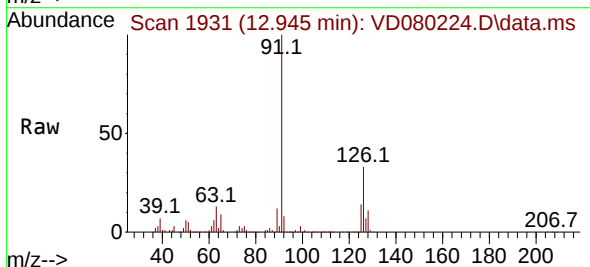
Tgt Ion: 75 Resp: 98230
Ion Ratio Lower Upper
75 100
53 89.6 69.1 103.7
89 45.2 36.5 54.7

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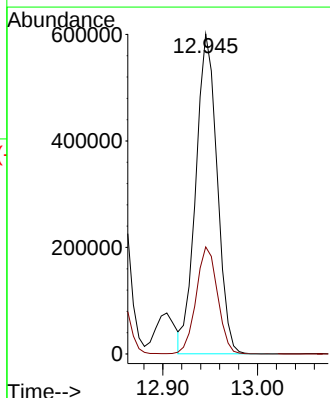
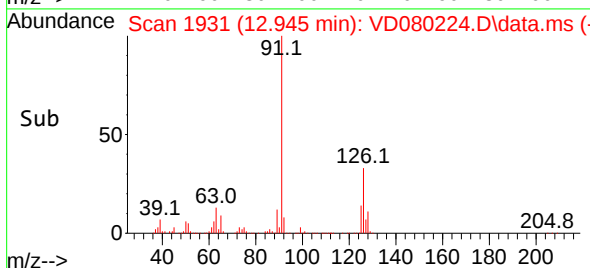
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

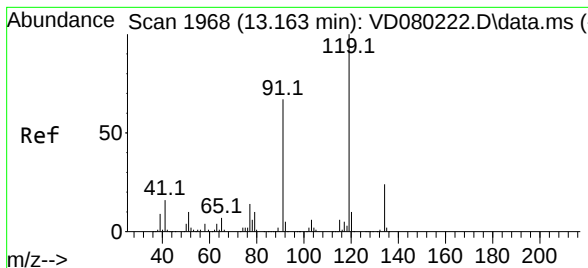


#82
4-Chlorotoluene
Concen: 160.848 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



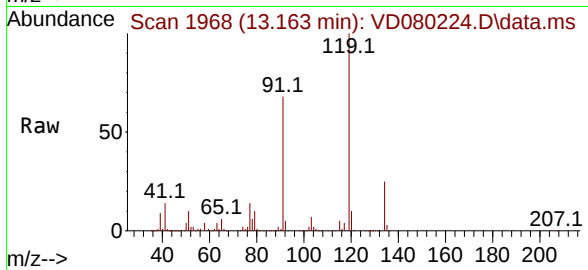
Tgt Ion: 91 Resp: 938983
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6





#83
tert-Butylbenzene
Concen: 177.322 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

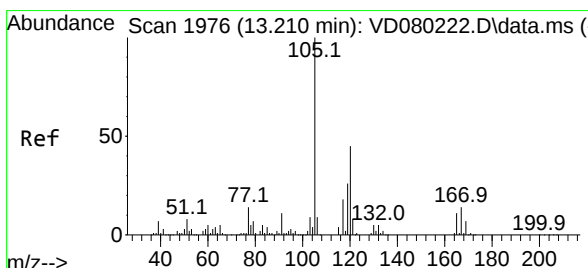
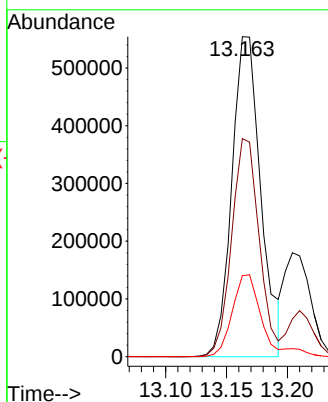
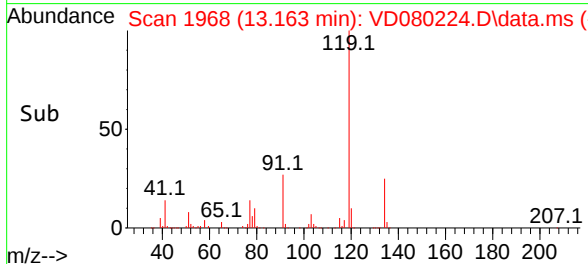
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



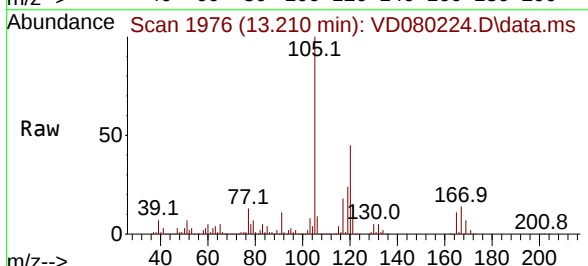
Tgt Ion:119 Resp: 92074
Ion Ratio Lower Upper
119 100
91 64.8 34.5 103.5
134 26.4 13.0 38.9

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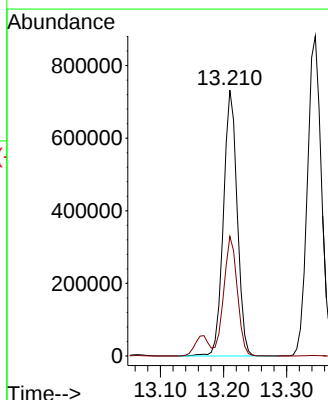
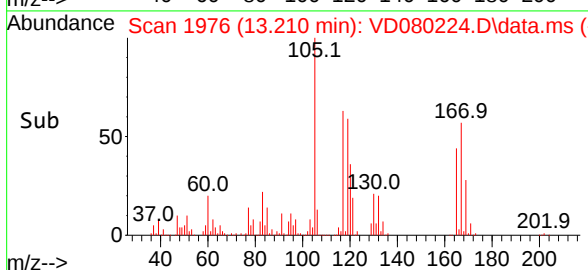
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

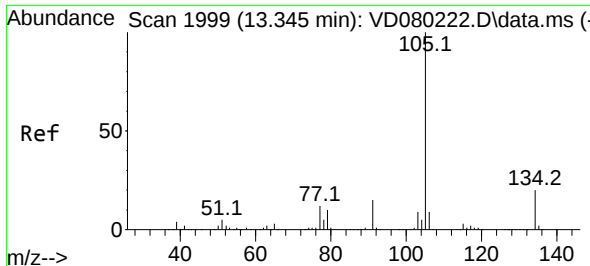


#84
1,2,4-Trimethylbenzene
Concen: 171.641 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



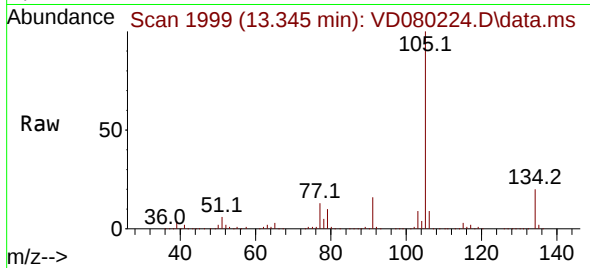
Tgt Ion:105 Resp: 1109644
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 170.452 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

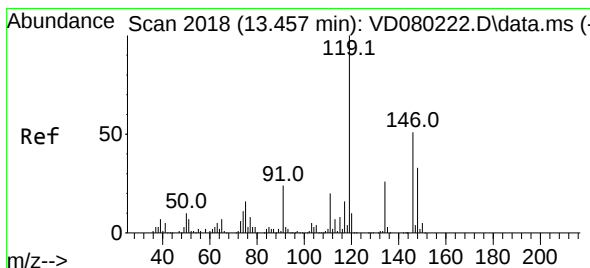
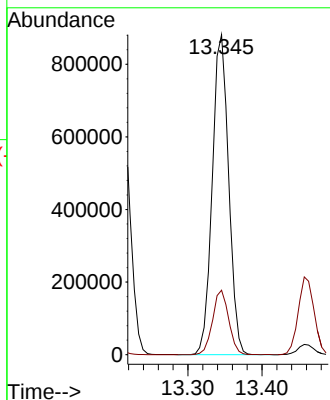
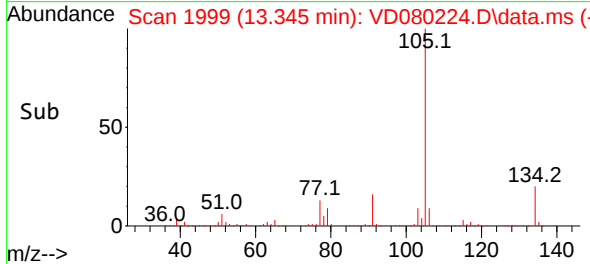
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 135325
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

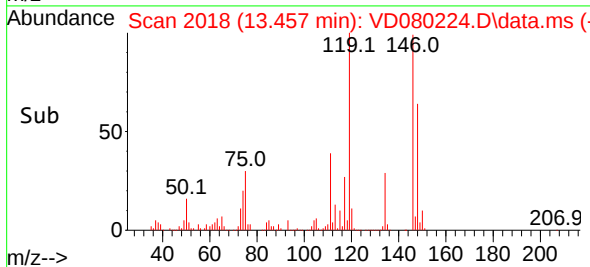
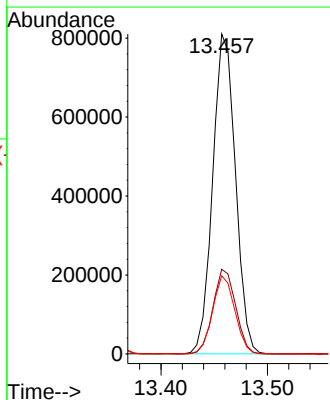
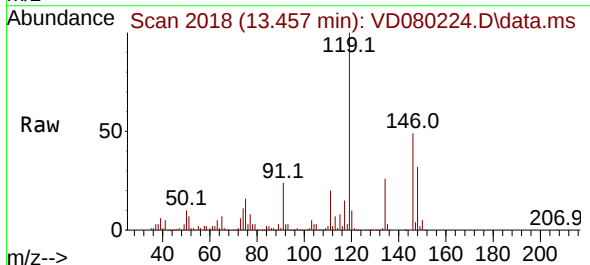
Manual Integrations
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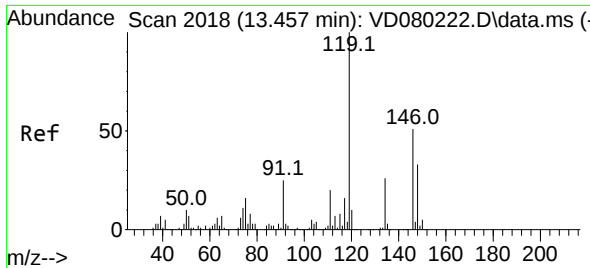
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#86
 p-Isopropyltoluene
 Concen: 177.299 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Tgt Ion:119 Resp: 1201930
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 24.1 12.4 37.2





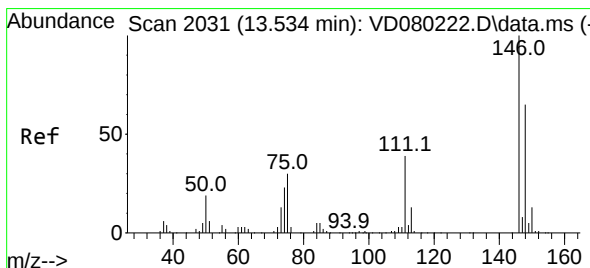
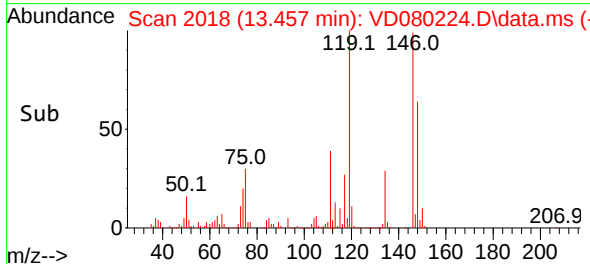
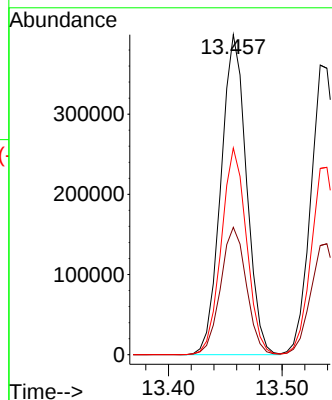
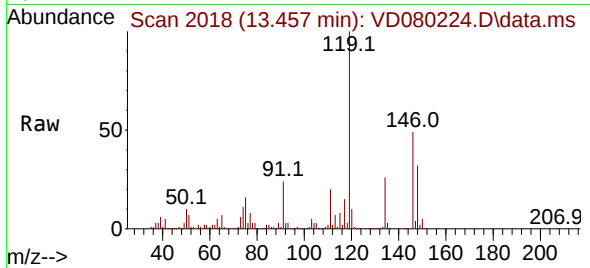
#87
1,3-Dichlorobenzene
Concen: 161.900 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 624688
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 63.7 32.2 96.6

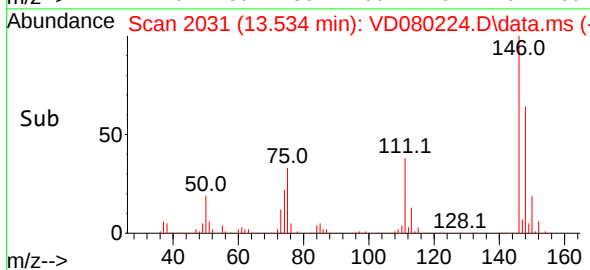
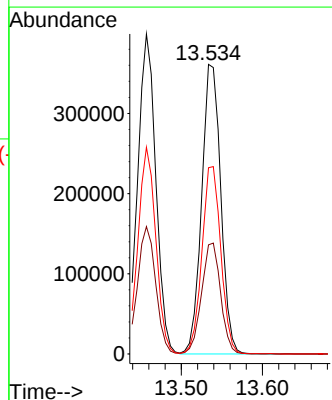
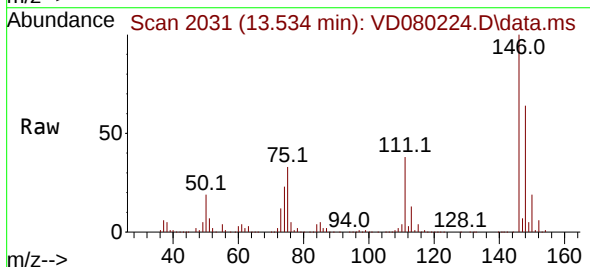
Manual Integrations
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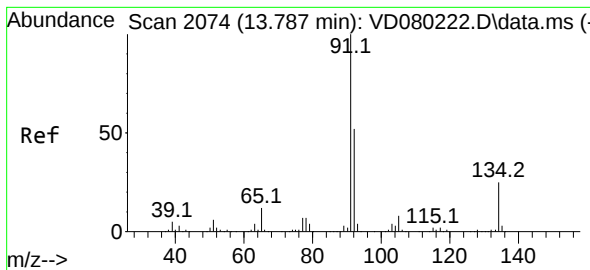
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#88
1,4-Dichlorobenzene
Concen: 151.216 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:146 Resp: 590540
Ion Ratio Lower Upper
146 100
111 38.1 19.7 59.0
148 64.2 32.3 96.8





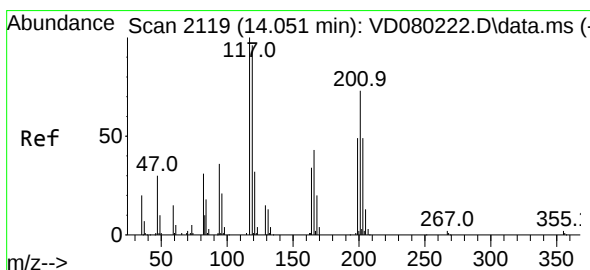
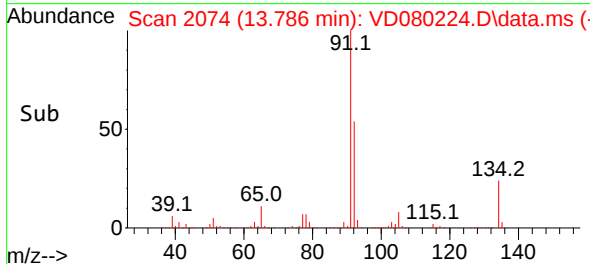
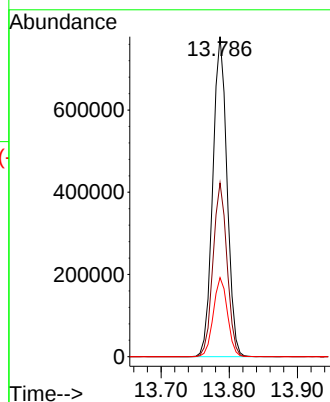
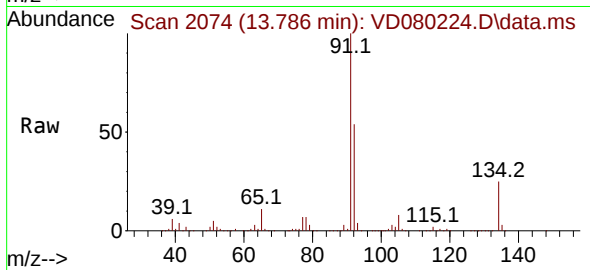
#89
n-Butylbenzene
Concen: 171.811 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 113182
Ion Ratio Lower Upper
91 100
92 53.4 26.1 78.2
134 24.5 12.4 37.0

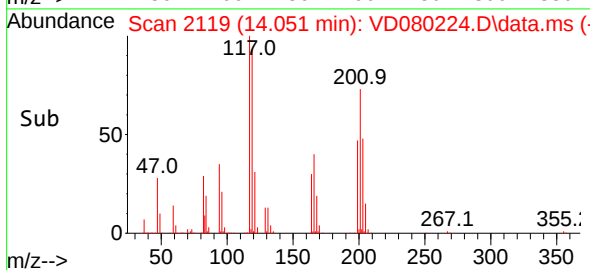
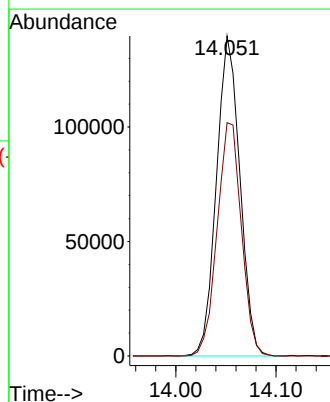
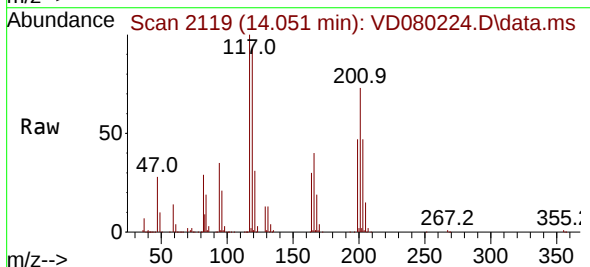
Manual Integrations
APPROVED

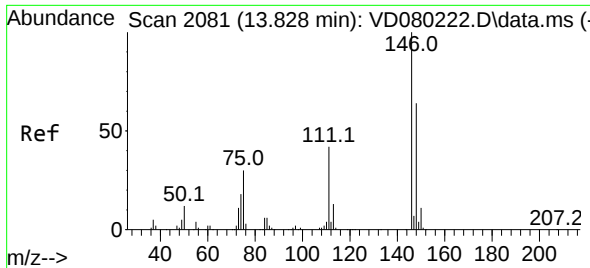
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#90
Hexachloroethane
Concen: 150.667 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:117 Resp: 227001
Ion Ratio Lower Upper
117 100
201 75.2 36.0 108.0





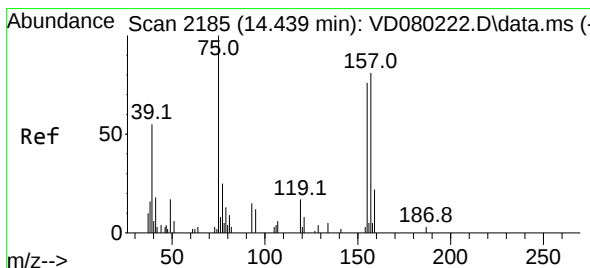
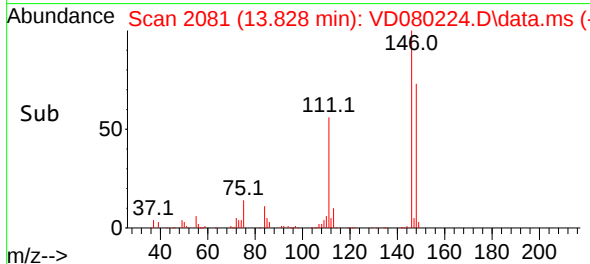
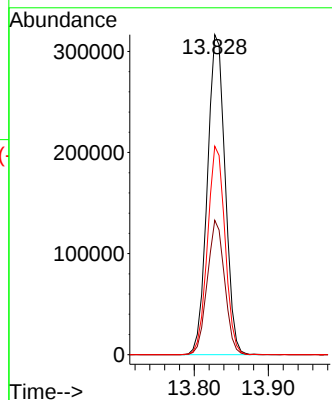
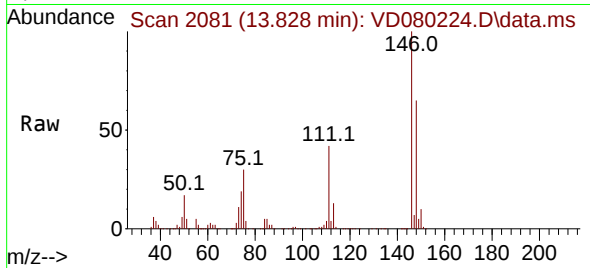
#91
1,2-Dichlorobenzene
Concen: 154.829 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 526400
Ion Ratio Lower Upper
146 100
111 41.0 21.0 63.0
148 64.3 32.5 97.5

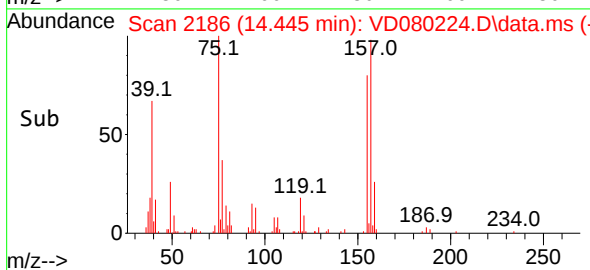
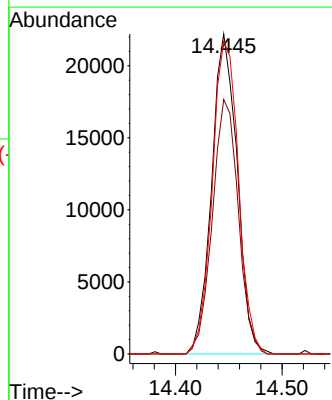
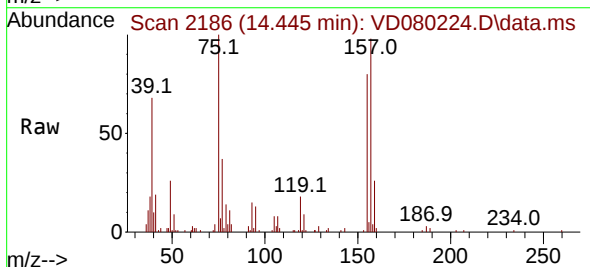
Manual Integrations
APPROVED

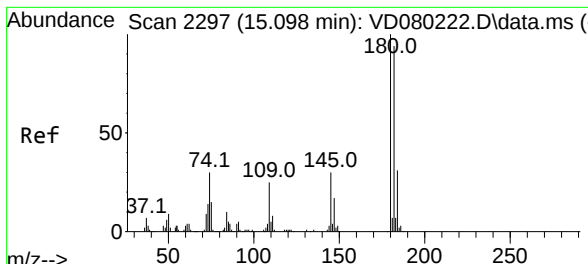
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 146.722 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

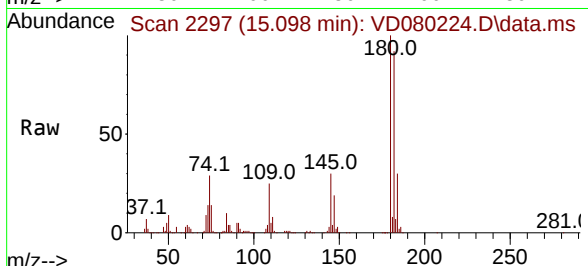
Tgt Ion: 75 Resp: 36891
Ion Ratio Lower Upper
75 100
155 81.0 41.5 124.6
157 100.4 50.5 151.5





#93
1,2,4-Trichlorobenzene
Concen: 183.377 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

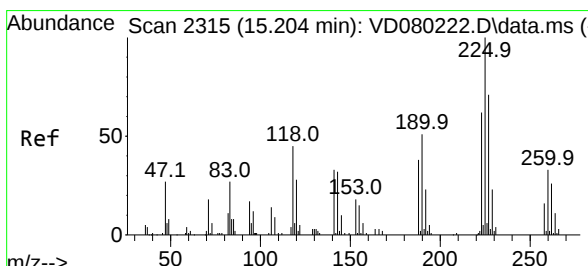
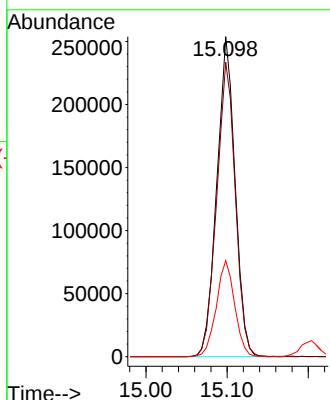
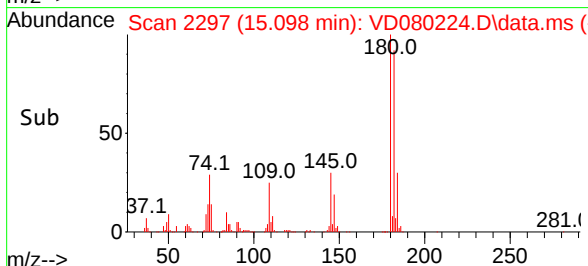
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



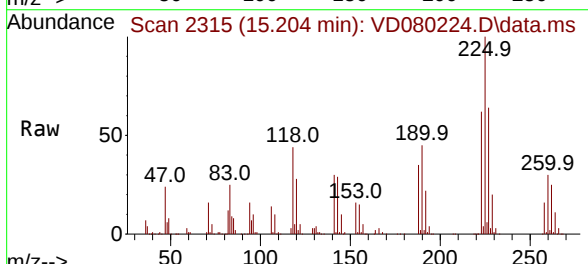
Tgt Ion:180 Resp: 397415
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 30.1 14.6 44.0

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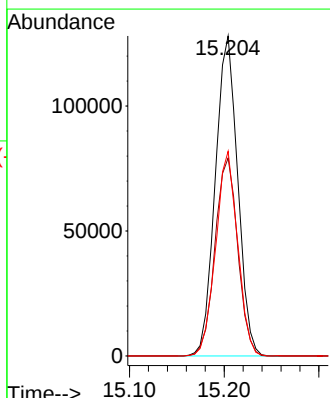
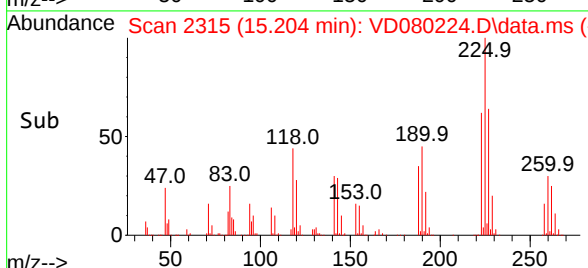
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

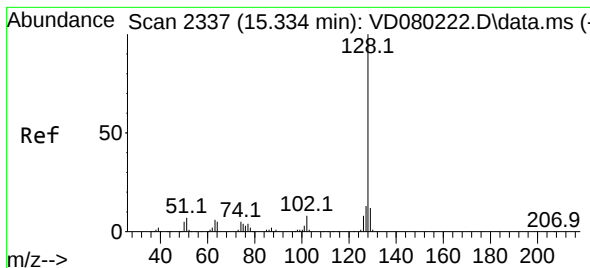


#94
Hexachlorobutadiene
Concen: 179.248 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



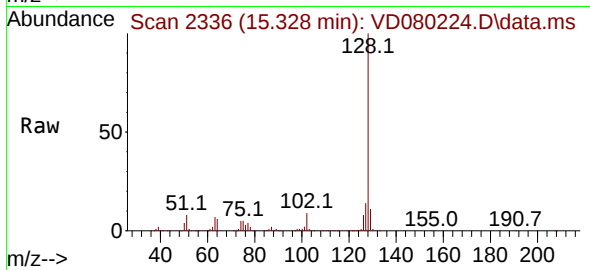
Tgt Ion:225 Resp: 210389
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 62.5 32.4 97.2





#95
Naphthalene
Concen: 150.585 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

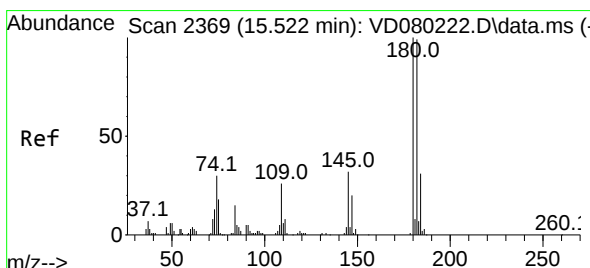
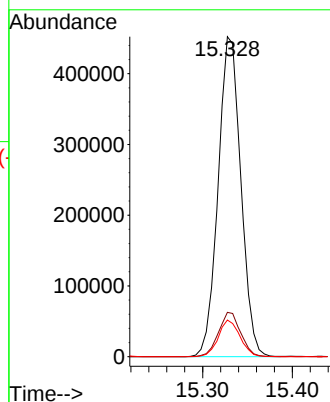
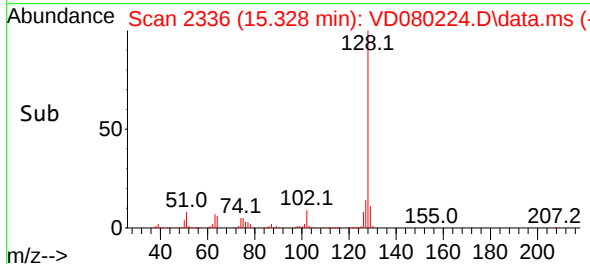
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 79592
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.5 9.4 14.0

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



#96
1,2,3-Trichlorobenzene
Concen: 188.687 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:180 Resp: 369034
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 31.3 15.6 46.7

