

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
 Data File : VD080255.D
 Acq On : 07 Feb 2025 11:07
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 23:27:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75441	43.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.360%		
35) Dibromofluoromethane	7.804	113	72421	48.511	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.020%		
50) Toluene-d8	10.269	98	278544	50.313	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.575	95	90383	50.881	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	62043	45.921	ug/l	97
3) Chloromethane	2.152	50	118664	42.409	ug/l	95
4) Vinyl Chloride	2.281	62	149857	44.271	ug/l	95
5) Bromomethane	2.693	94	101636	50.403	ug/l	99
6) Chloroethane	2.834	64	102766	45.581	ug/l	91
7) Trichlorofluoromethane	3.175	101	133082	47.441	ug/l	98
8) Diethyl Ether	3.593	74	37773	49.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	82132	50.579	ug/l	99
10) Methyl Iodide	4.158	142	87351	60.570	ug/l	100
11) Tert butyl alcohol	5.058	59	21249	220.160	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	79228	51.507	ug/l	96
13) Acrolein	3.799	56	34626	190.271	ug/l	96
14) Allyl chloride	4.563	41	124607	52.566	ug/l	99
15) Acrylonitrile	5.258	53	87849	238.265	ug/l	100
16) Acetone	4.022	43	74896	265.971	ug/l #	87
17) Carbon Disulfide	4.269	76	263725	47.538	ug/l	97
18) Methyl Acetate	4.558	43	48142	50.668	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	169107	49.936	ug/l	94
20) Methylene Chloride	4.799	84	91854	48.068	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	89658	51.307	ug/l	94
22) Diisopropyl ether	6.216	45	269192	54.567	ug/l	98
23) Vinyl Acetate	6.157	43	747151	262.332	ug/l	99
24) 1,1-Dichloroethane	6.110	63	164157	50.761	ug/l	98
25) 2-Butanone	7.081	43	109027	249.618	ug/l	99
26) 2,2-Dichloropropane	7.081	77	137127	48.888	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	101824	51.578	ug/l	97
28) Bromochloromethane	7.422	49	65835	44.611	ug/l	94
29) Tetrahydrofuran	7.446	42	67625	236.388	ug/l	96
30) Chloroform	7.593	83	170890	51.686	ug/l	93
31) Cyclohexane	7.881	56	131770	50.900	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	142908	51.663	ug/l	99
36) 1,1-Dichloropropene	8.010	75	119642	55.953	ug/l	98
37) Ethyl Acetate	7.169	43	53606	51.126	ug/l	98
38) Carbon Tetrachloride	7.987	117	122956	55.052	ug/l	93
39) Methylcyclohexane	9.275	83	137977	59.395	ug/l	99
40) Benzene	8.251	78	359038	53.569	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30689	53.174	ug/l	94
42) 1,2-Dichloroethane	8.322	62	99658	52.252	ug/l	99
43) Isopropyl Acetate	8.363	43	95228	51.175	ug/l	99
44) Trichloroethene	9.028	130	86121	55.622	ug/l	98
45) 1,2-Dichloropropane	9.304	63	92919	55.118	ug/l	98
46) Dibromomethane	9.398	93	49767	52.987	ug/l	99
47) Bromodichloromethane	9.581	83	129619	54.726	ug/l	93
48) Methyl methacrylate	9.381	41	47646	55.331	ug/l	94
49) 1,4-Dioxane	9.381	88	10469	1024.622	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	255086	271.094	ug/l	99
52) Toluene	10.334	92	222324	56.710	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	113327	56.128	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	136791	55.696	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	63617	52.129	ug/l	94
56) Ethyl methacrylate	10.598	69	78779	56.575	ug/l	96
57) 1,3-Dichloropropane	10.875	76	109480	54.238	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	150790	253.717	ug/l	97
59) 2-Hexanone	10.922	43	177283	287.120	ug/l	99
60) Dibromochloromethane	11.075	129	82506	54.849	ug/l	99
61) 1,2-Dibromoethane	11.181	107	59754	53.763	ug/l	98
64) Tetrachloroethene	10.810	164	75651	54.966	ug/l	98
65) Chlorobenzene	11.604	112	241759	53.532	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	86222	54.575	ug/l	98
67) Ethyl Benzene	11.681	91	433283	57.674	ug/l	100
68) m/p-Xylenes	11.792	106	338756	116.149	ug/l	99
69) o-Xylene	12.122	106	154536	58.105	ug/l	99
70) Styrene	12.134	104	274544	57.992	ug/l	99
71) Bromoform	12.298	173	48269	51.827	ug/l #	95
73) Isopropylbenzene	12.422	105	406572	55.059	ug/l	99
74) N-amyl acetate	12.234	43	95883	49.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	75436	49.093	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	50685m	45.899	ug/l	
77) Bromobenzene	12.698	156	97762	51.326	ug/l	98
78) n-propylbenzene	12.763	91	519443	55.250	ug/l	99
79) 2-Chlorotoluene	12.851	91	291782	54.629	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	348203	56.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	27317	50.584	ug/l	94
82) 4-Chlorotoluene	12.945	91	314308	55.375	ug/l	99
83) tert-Butylbenzene	13.163	119	297612	58.949	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	359878	57.252	ug/l	99
85) sec-Butylbenzene	13.345	105	455018	58.946	ug/l	99
86) p-Isopropyltoluene	13.457	119	385965	58.556	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	204078	54.397	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	200834	52.891	ug/l	99
89) n-Butylbenzene	13.786	91	375927	58.691	ug/l	99
90) Hexachloroethane	14.051	117	77188	52.691	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	175436	53.071	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11142	45.576	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	110357	52.372	ug/l	99
94) Hexachlorobutadiene	15.204	225	61316	53.728	ug/l	99
95) Naphthalene	15.333	128	187301	50.831	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	97600	51.325	ug/l	99

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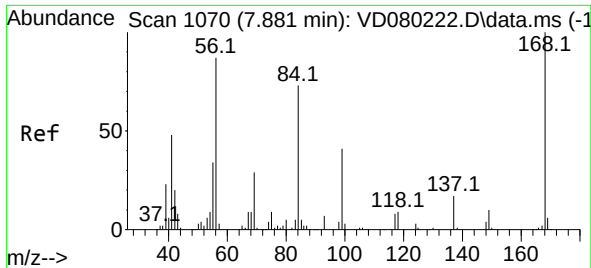
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

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

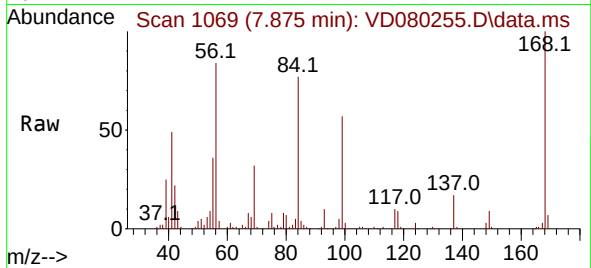
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

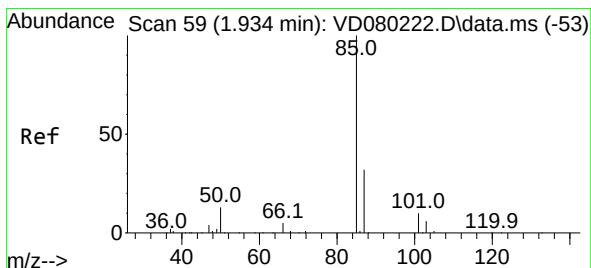
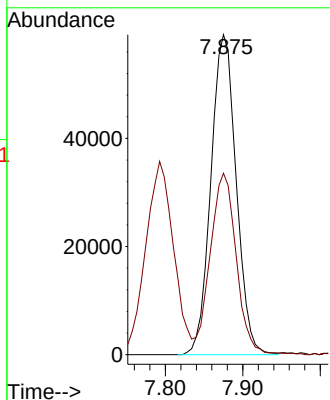
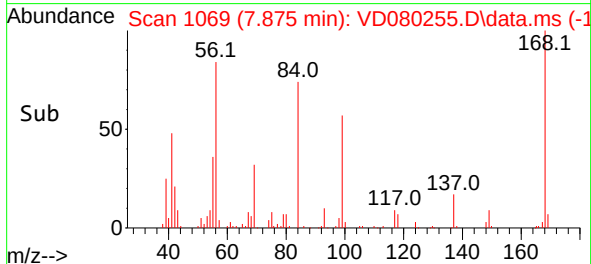
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13432
Ion Ratio Lower Upper
168 100
99 56.2 44.4 66.6

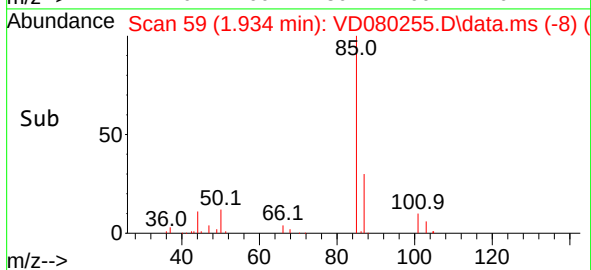
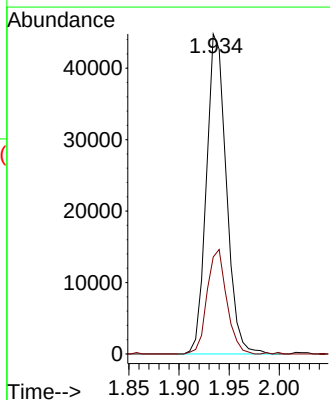
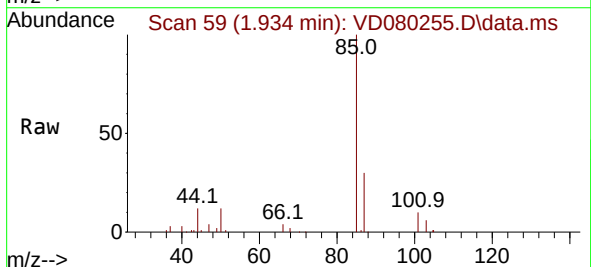
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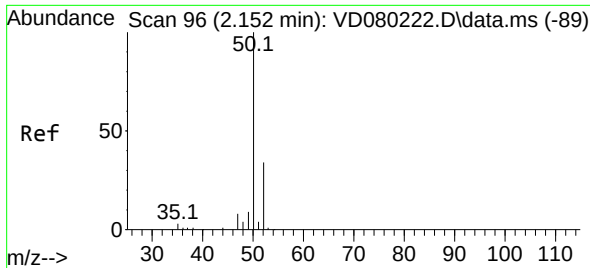
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#2
Dichlorodifluoromethane
Concen: 45.921 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

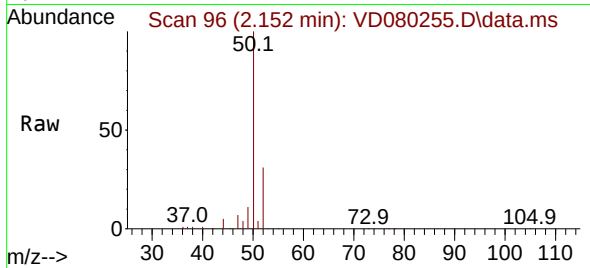
Tgt Ion: 85 Resp: 62043
Ion Ratio Lower Upper
85 100
87 30.3 16.0 47.9





#3
Chloromethane
Concen: 42.409 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

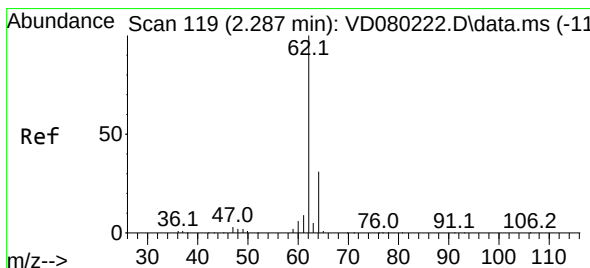
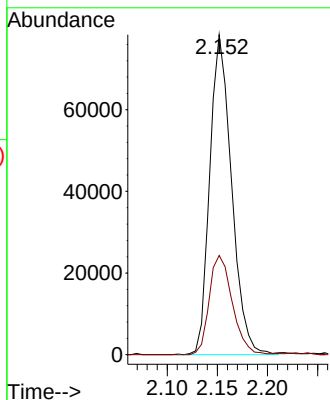
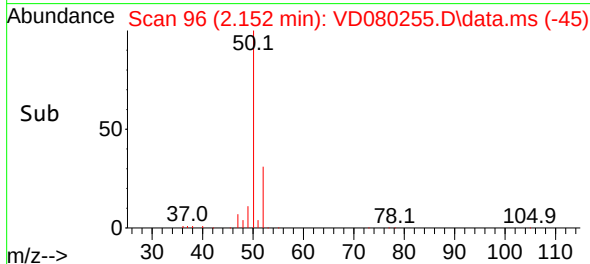
Instrument :
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ClientSampleId :
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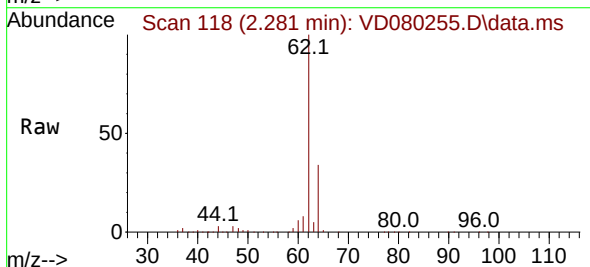
Tgt Ion: 50 Resp: 118664
Ion Ratio Lower Upper
50 100
52 30.9 27.2 40.8

Manual Integrations
APPROVED

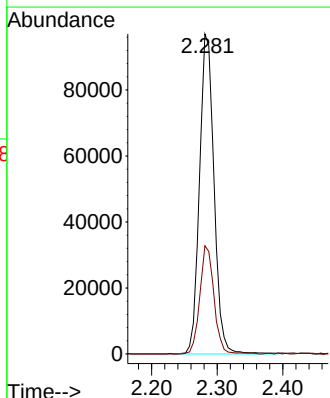
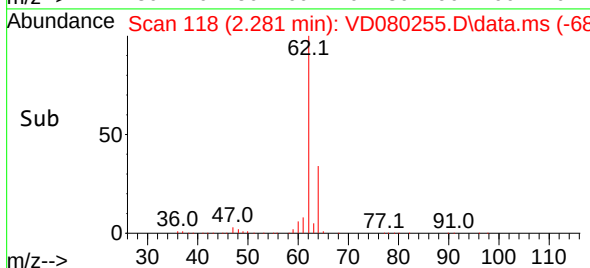
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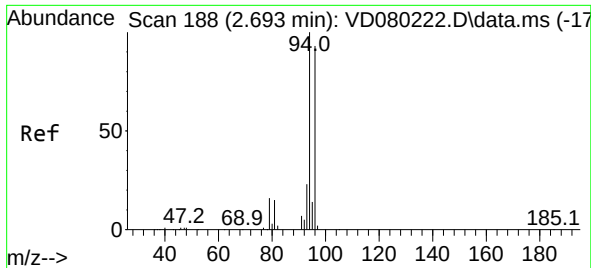


#4
Vinyl Chloride
Concen: 44.271 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



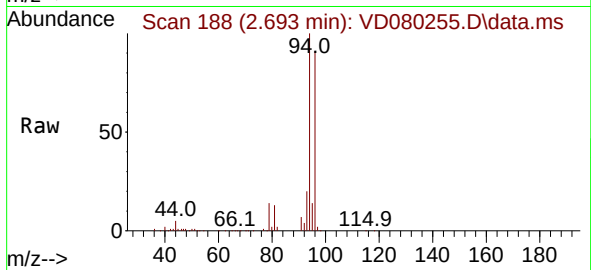
Tgt Ion: 62 Resp: 149857
Ion Ratio Lower Upper
62 100
64 33.8 24.8 37.2





#5
Bromomethane
Concen: 50.403 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

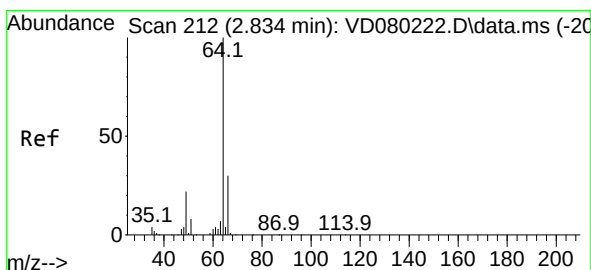
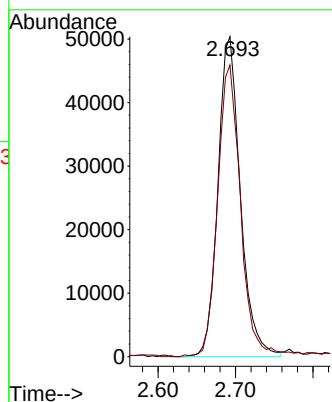
Instrument :
MSVOA_D
ClientSampleId :
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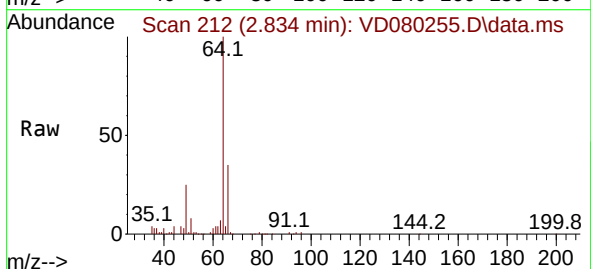
Tgt Ion: 94 Resp: 101630
Ion Ratio Lower Upper
94 100
96 93.6 74.4 111.6

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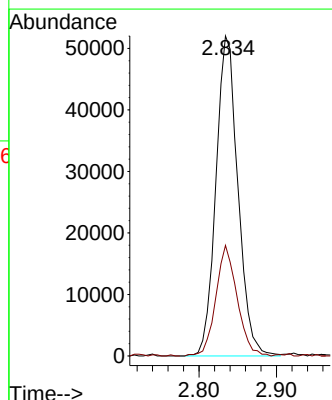
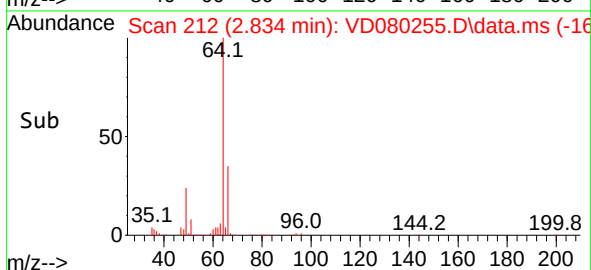
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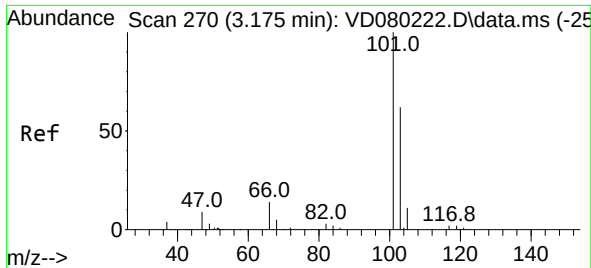


#6
Chloroethane
Concen: 45.581 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



Tgt Ion: 64 Resp: 102766
Ion Ratio Lower Upper
64 100
66 34.5 23.8 35.8





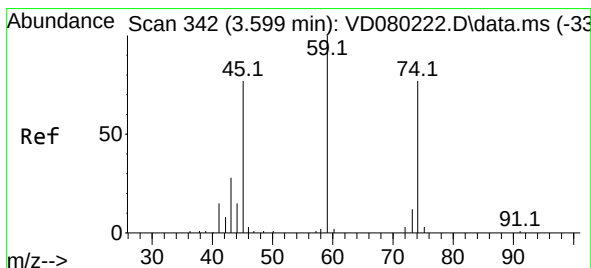
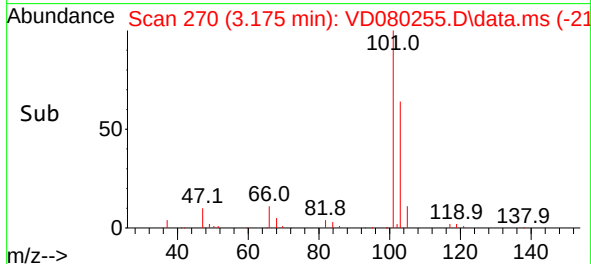
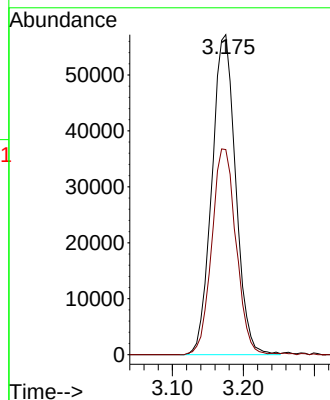
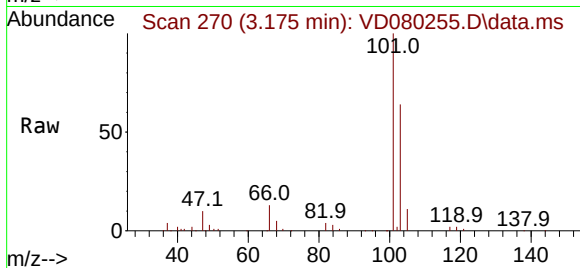
#7
 Trichlorofluoromethane
 Concen: 47.441 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080255.D
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Tgt Ion:101 Resp: 13308
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.9 74.9

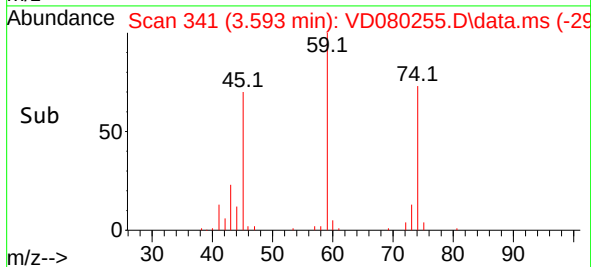
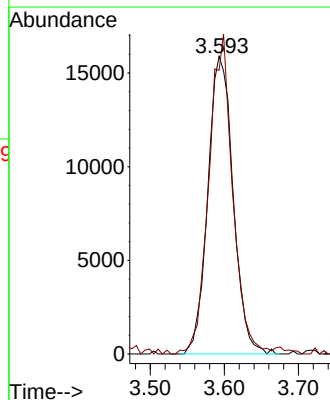
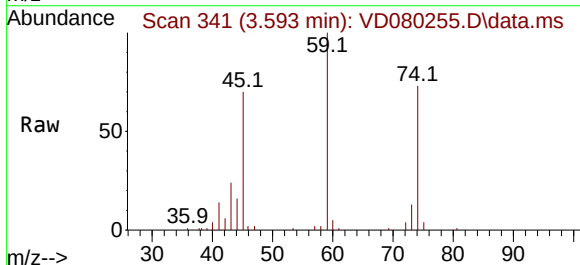
Manual Integrations
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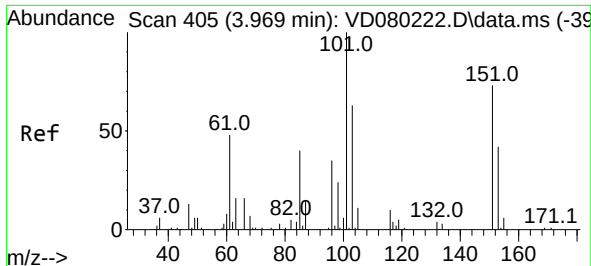
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#8
 Diethyl Ether
 Concen: 49.221 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07

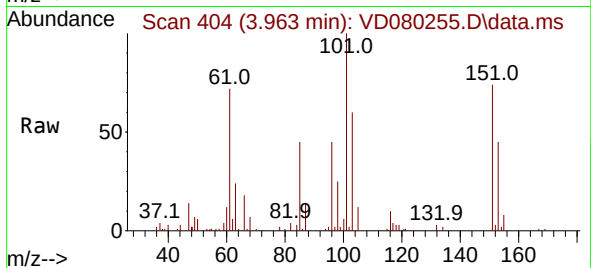
Tgt Ion: 74 Resp: 37773
 Ion Ratio Lower Upper
 74 100
 45 101.0 51.0 153.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.579 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

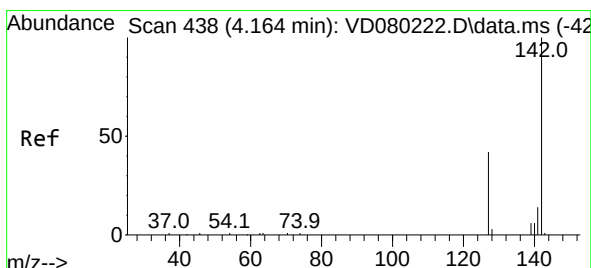
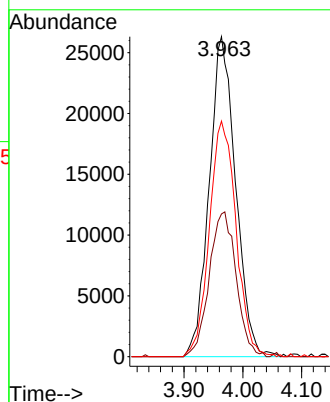
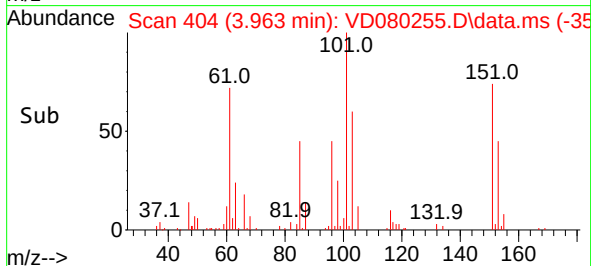
Instrument :
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ClientSampleId :
VSTDCCC050



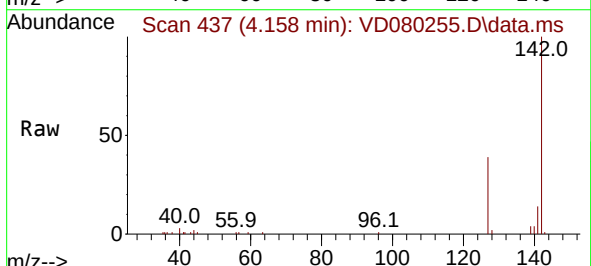
Tgt Ion:101 Resp: 8213
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 74.5 59.0 88.6

Manual Integrations
APPROVED

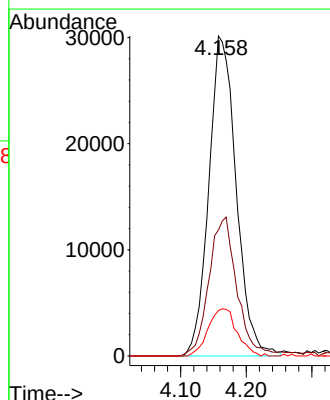
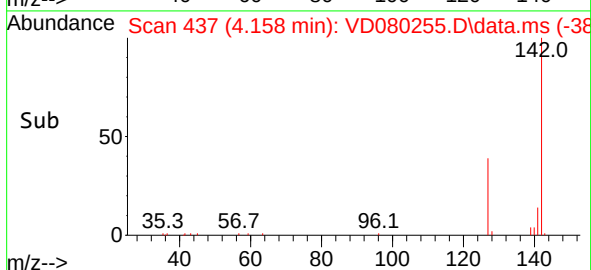
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

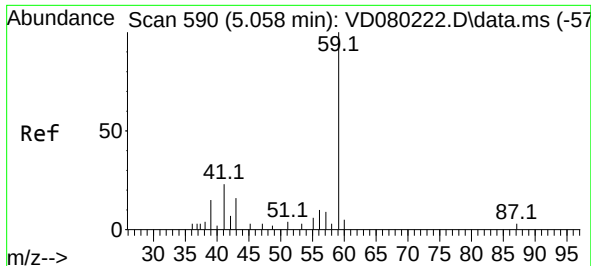


#10
Methyl Iodide
Concen: 60.570 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



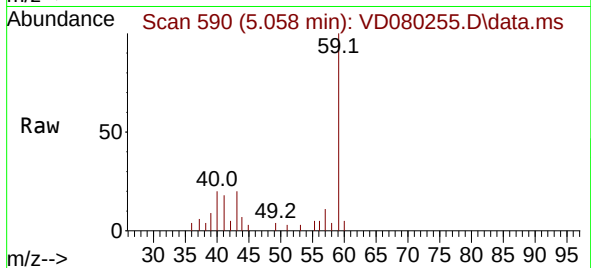
Tgt Ion:142 Resp: 87351
Ion Ratio Lower Upper
142 100
127 44.0 35.4 53.2
141 15.5 12.6 18.8





#11
Tert butyl alcohol
Concen: 220.160 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

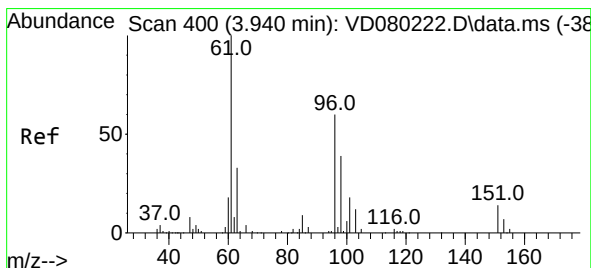
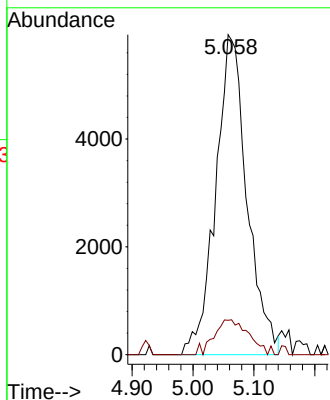
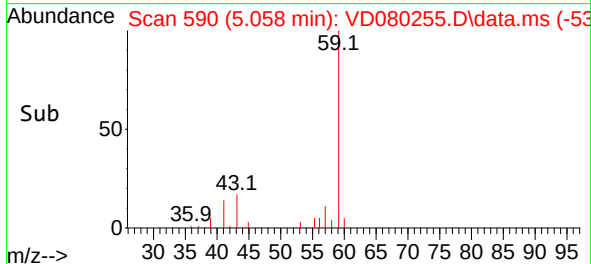
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



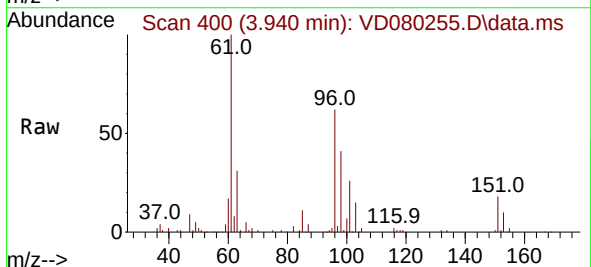
Tgt Ion: 59 Resp: 21249
Ion Ratio Lower Upper
59 100
57 12.2 7.2 10.8

Manual Integrations
APPROVED

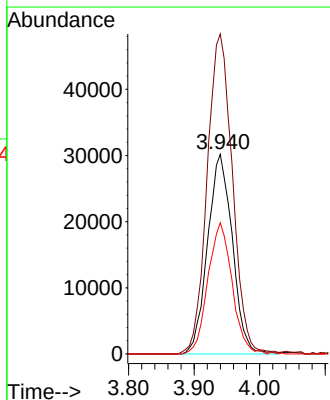
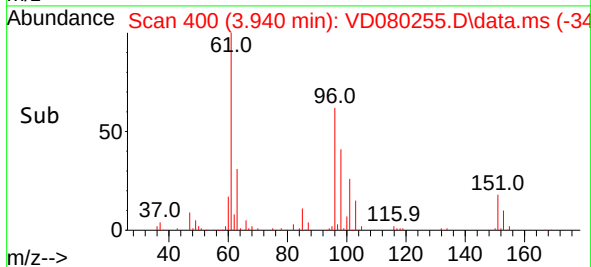
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

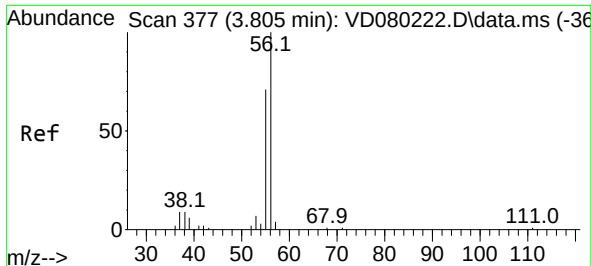


#12
1,1-Dichloroethene
Concen: 51.507 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



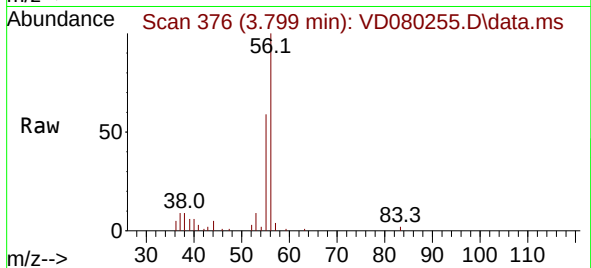
Tgt Ion: 96 Resp: 79228
Ion Ratio Lower Upper
96 100
61 160.3 133.8 200.6
98 65.7 52.2 78.2





#13
Acrolein
Concen: 190.271 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

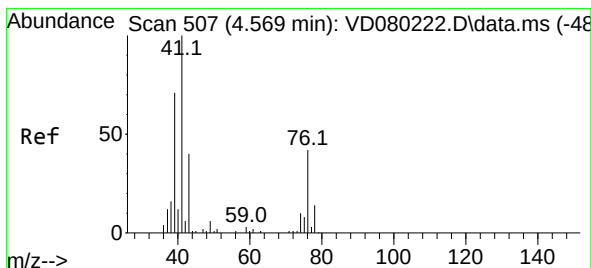
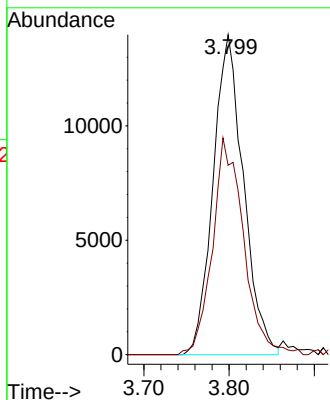
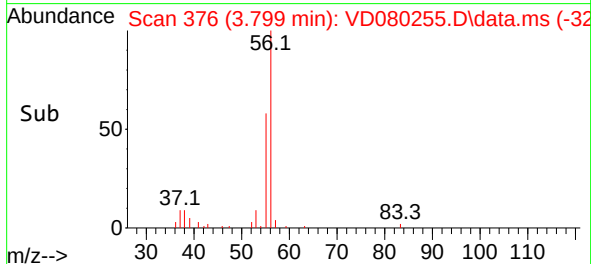
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 34620
Ion Ratio Lower Upper
56 100
55 69.3 57.8 86.8

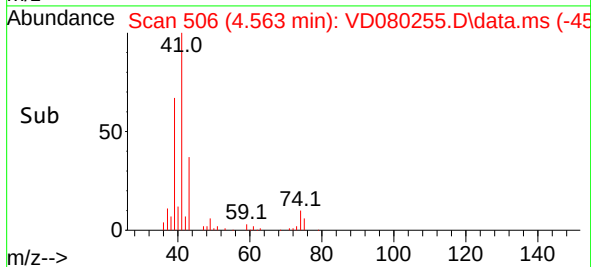
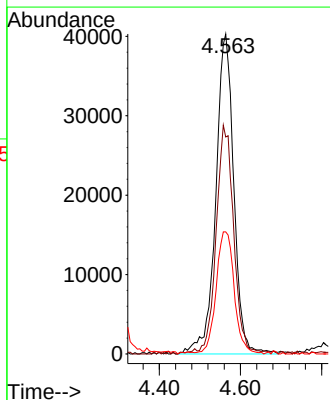
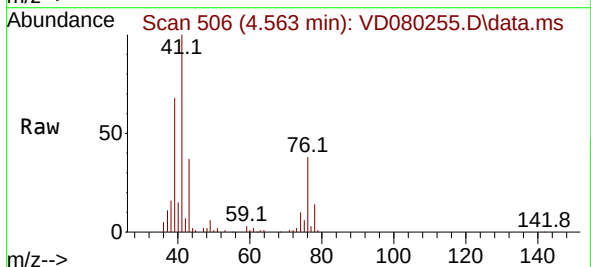
Manual Integrations
APPROVED

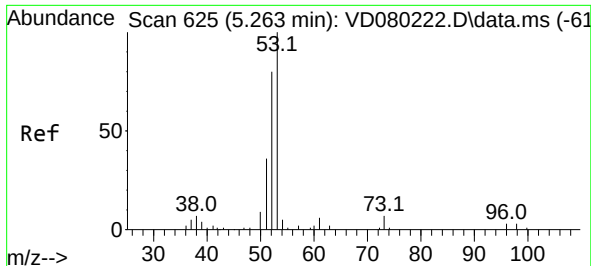
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#14
Allyl chloride
Concen: 52.566 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

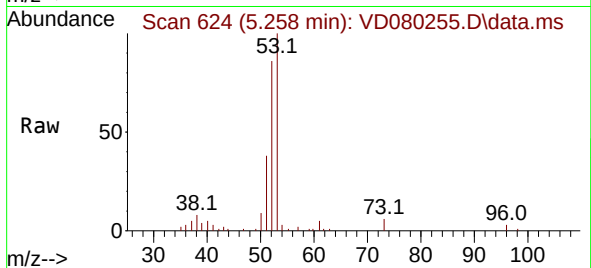
Tgt Ion: 41 Resp: 124607
Ion Ratio Lower Upper
41 100
39 69.8 55.0 82.4
76 38.5 31.0 46.4





#15
Acrylonitrile
Concen: 238.265 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

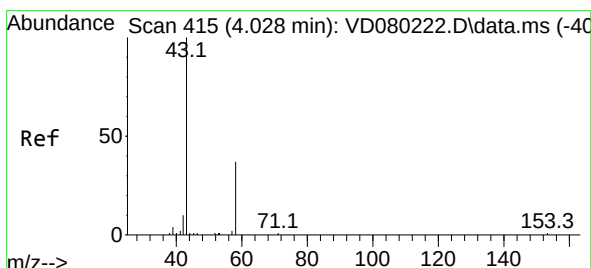
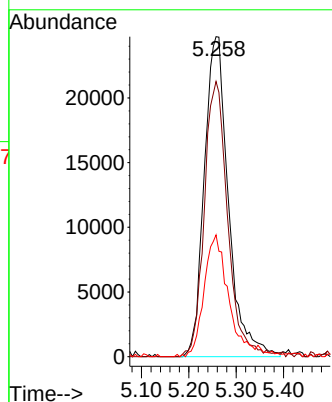
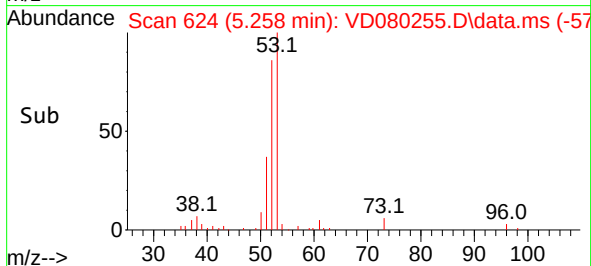
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 87849
Ion Ratio Lower Upper
53 100
52 82.8 65.9 98.9
51 37.9 30.1 45.1

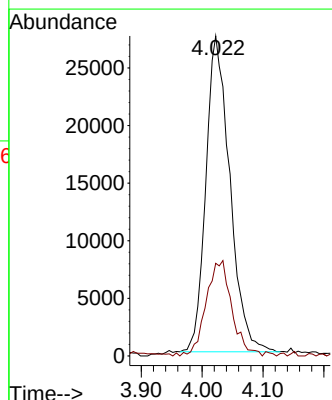
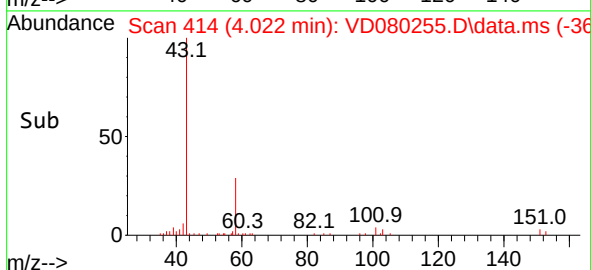
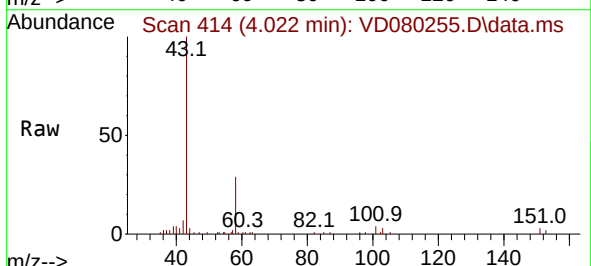
Manual Integrations
APPROVED

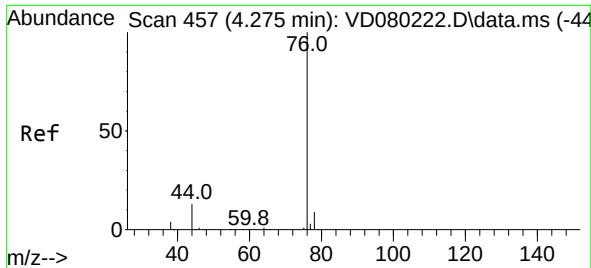
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#16
Acetone
Concen: 265.971 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Tgt Ion: 43 Resp: 74896
Ion Ratio Lower Upper
43 100
58 29.3 29.5 44.3#





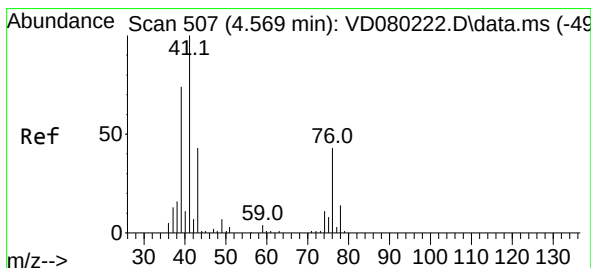
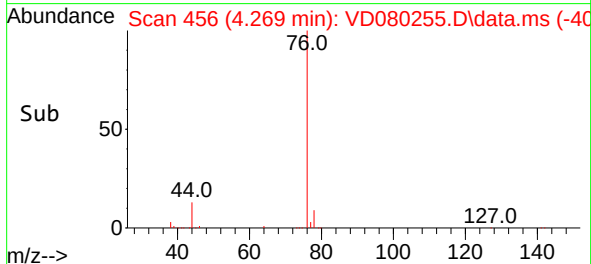
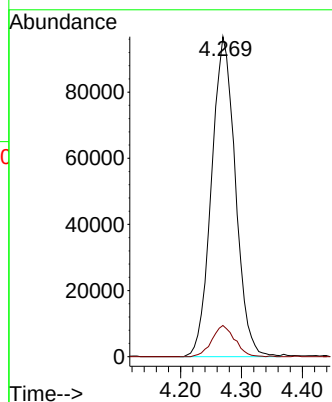
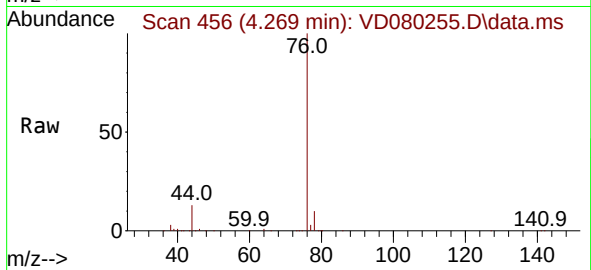
#17
Carbon Disulfide
Concen: 47.538 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 263725
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

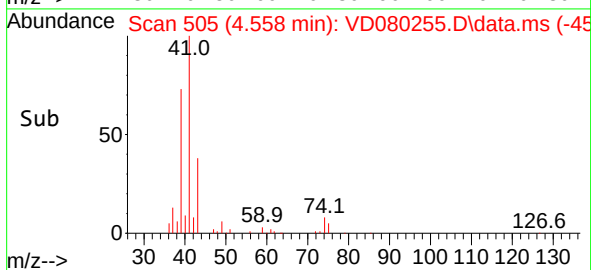
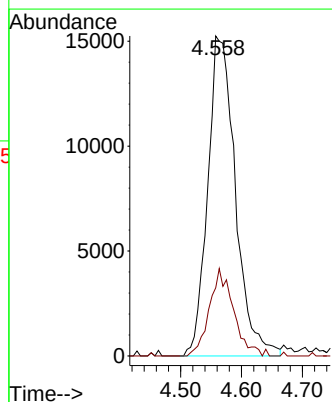
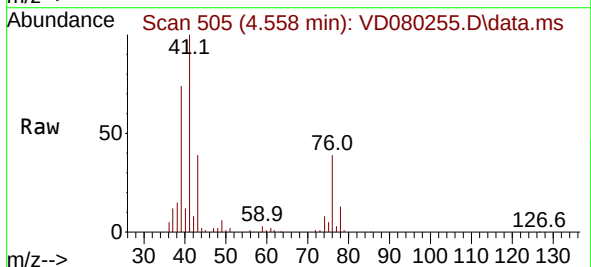
Manual Integrations
APPROVED

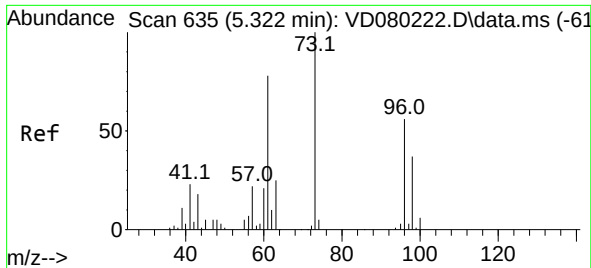
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#18
Methyl Acetate
Concen: 50.668 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

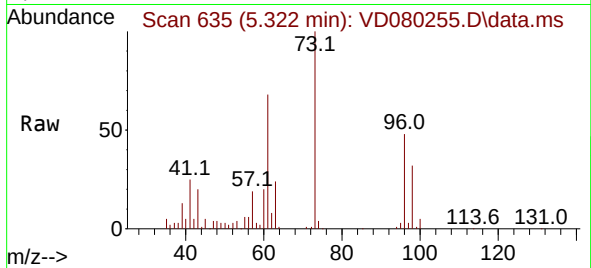
Tgt Ion: 43 Resp: 48142
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.936 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

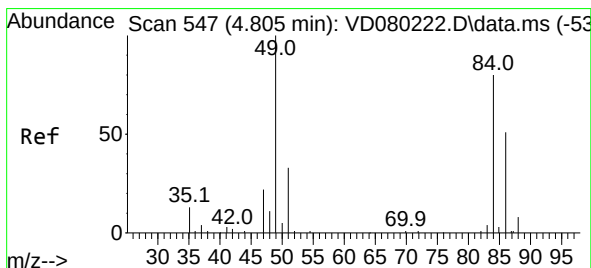
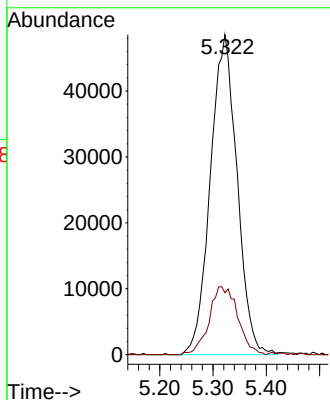
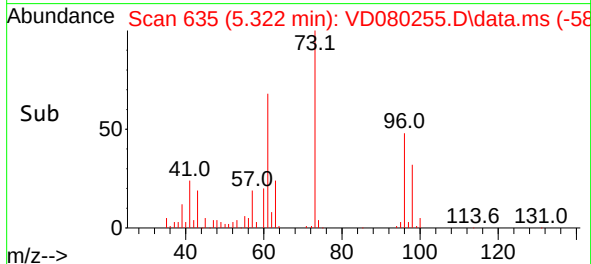
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 16910
Ion Ratio Lower Upper
73 100
57 19.4 17.8 26.8

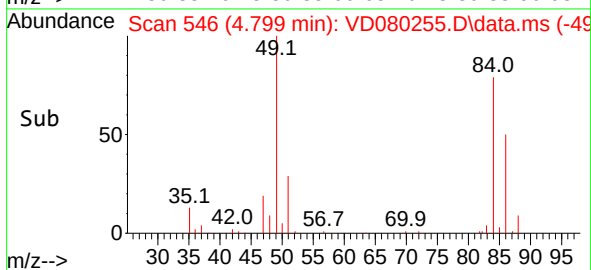
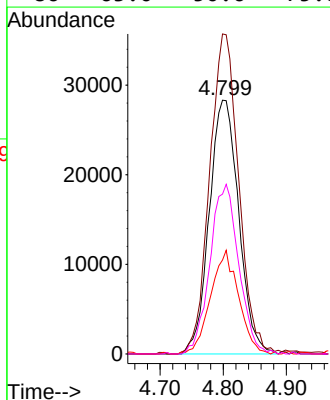
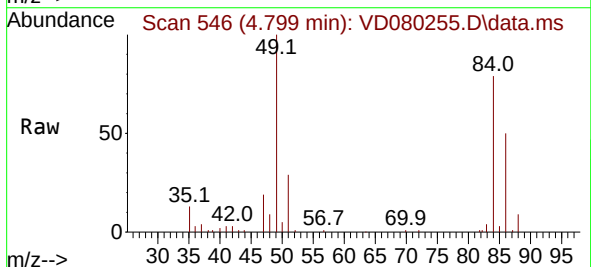
Manual Integrations
APPROVED

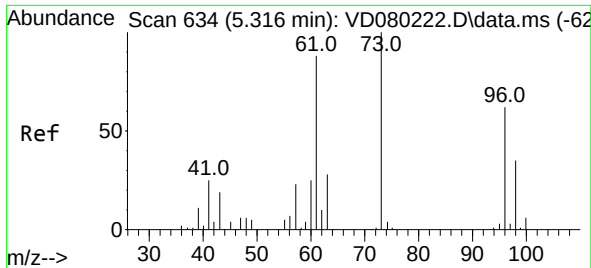
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#20
Methylene Chloride
Concen: 48.068 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

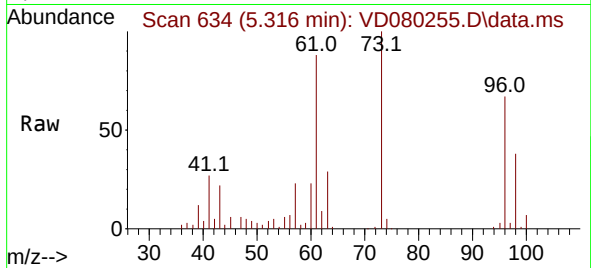
Tgt Ion: 84 Resp: 91854
Ion Ratio Lower Upper
84 100
49 126.1 99.4 149.2
51 37.0 32.6 49.0
86 63.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 51.307 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

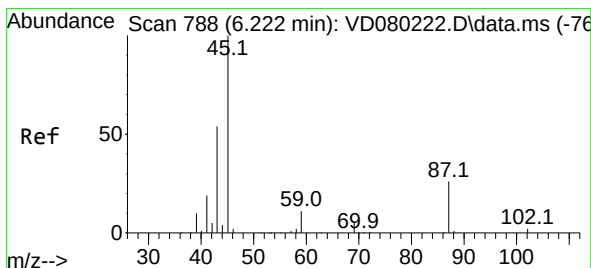
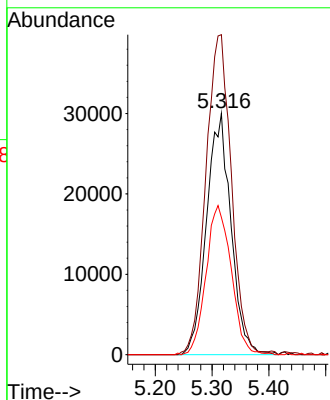
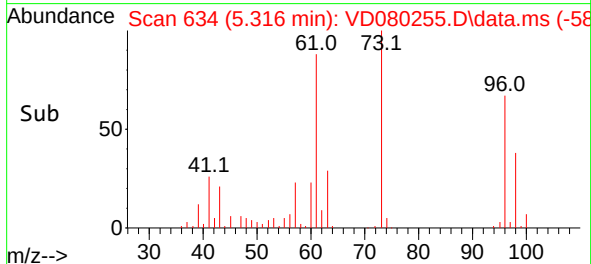
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 89658
Ion Ratio Lower Upper
96 100
61 132.6 113.7 170.5
98 56.9 45.4 68.2

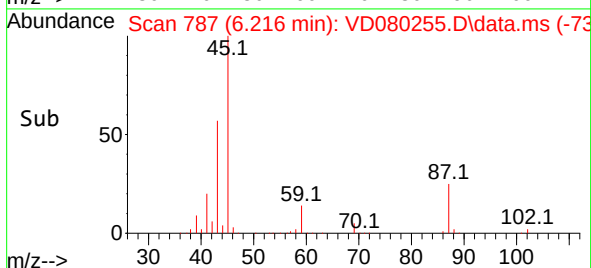
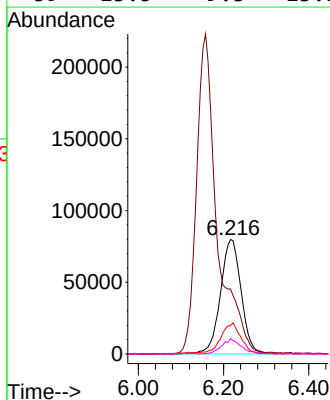
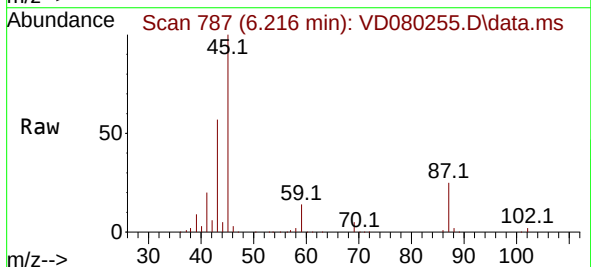
Manual Integrations
APPROVED

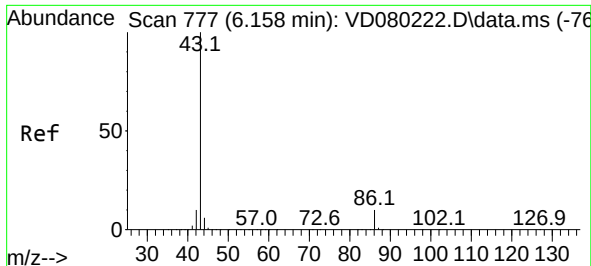
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#22
Diisopropyl ether
Concen: 54.567 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

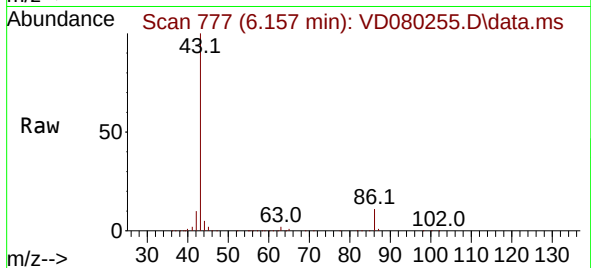
Tgt Ion: 45 Resp: 269192
Ion Ratio Lower Upper
45 100
43 55.9 44.3 66.5
87 24.3 20.5 30.7
59 13.5 9.3 13.9





#23
 Vinyl Acetate
 Concen: 262.332 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07

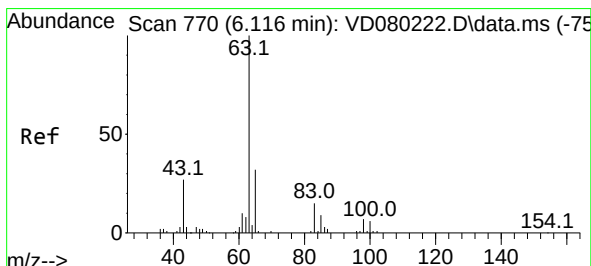
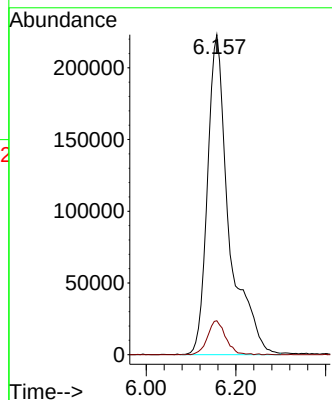
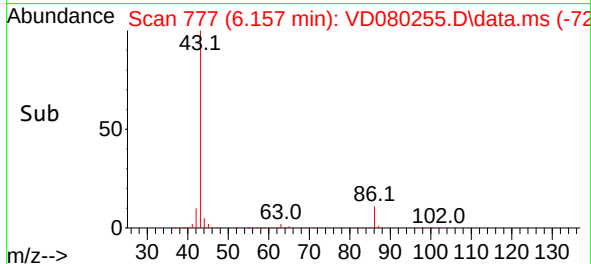
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



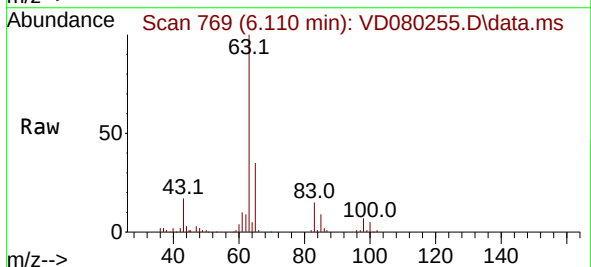
Tgt Ion: 43 Resp: 74715
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.1 12.1

Manual Integrations
 APPROVED

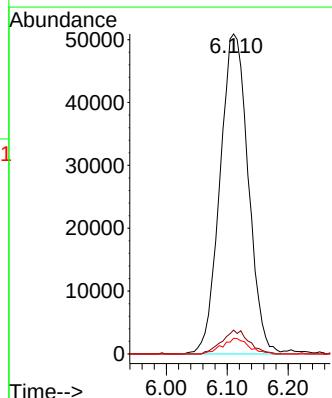
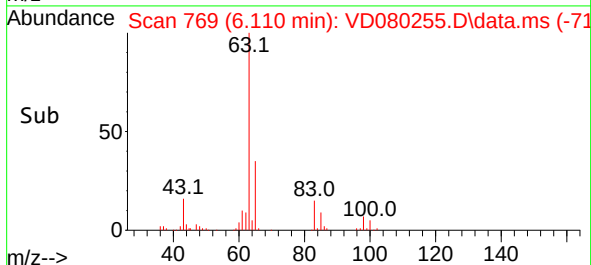
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

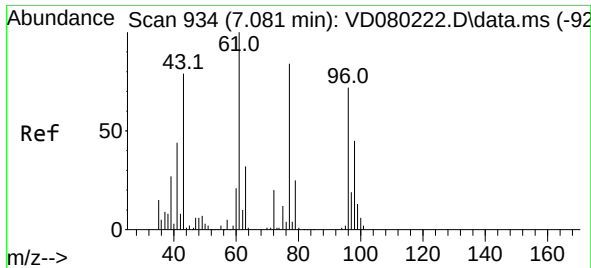


#24
 1,1-Dichloroethane
 Concen: 50.761 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07



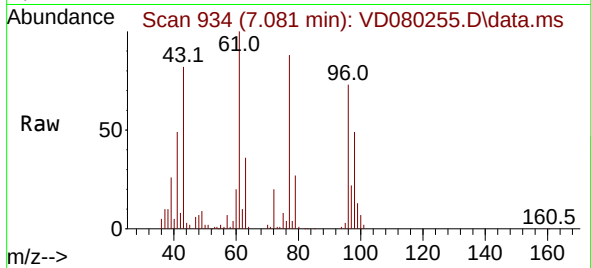
Tgt Ion: 63 Resp: 164157
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.9 2.8 8.4





#25
2-Butanone
Concen: 249.618 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

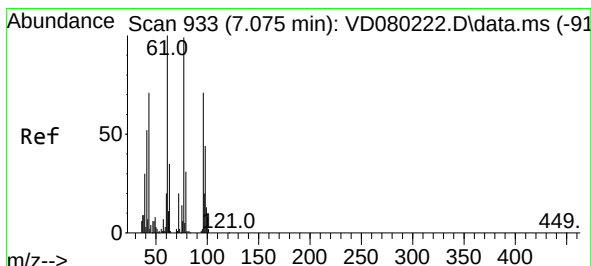
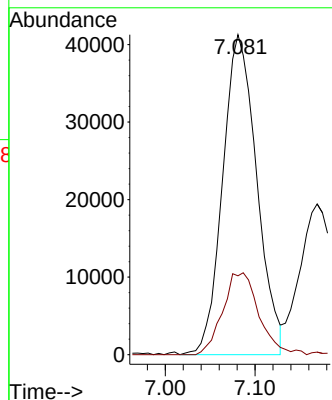
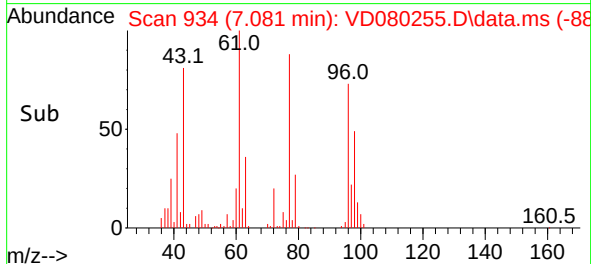
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10902
Ion Ratio Lower Upper
43 100
72 24.6 19.9 29.9

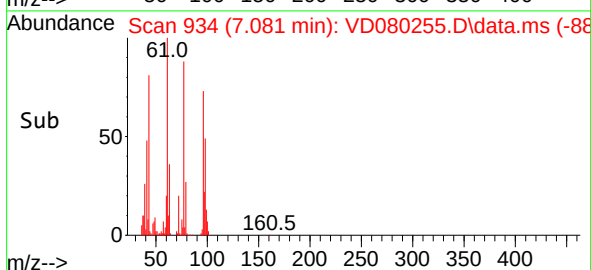
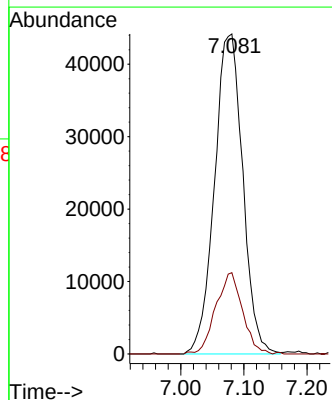
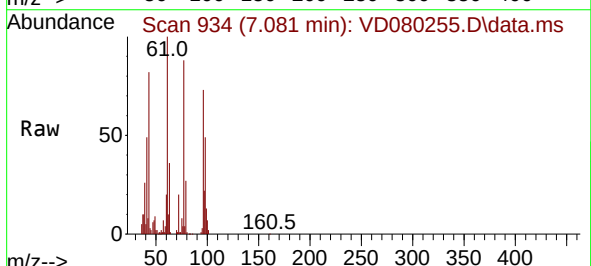
Manual Integrations
APPROVED

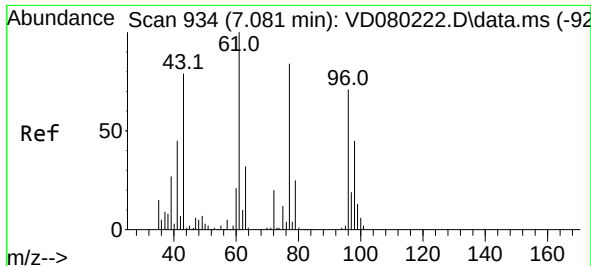
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#26
2,2-Dichloropropane
Concen: 48.888 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

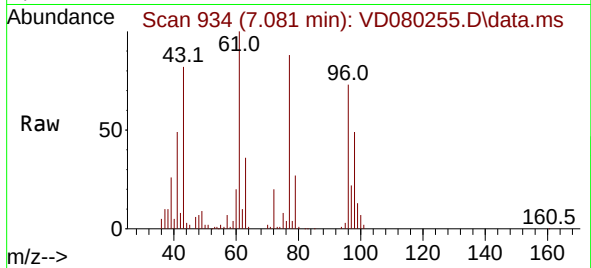
Tgt Ion: 77 Resp: 137127
Ion Ratio Lower Upper
77 100
97 24.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.578 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07

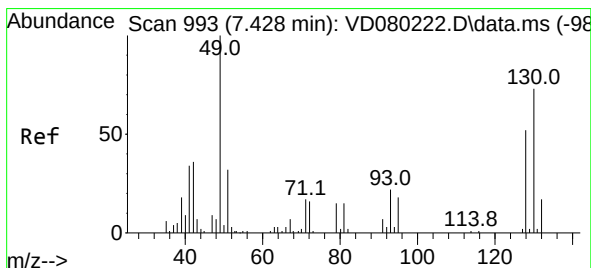
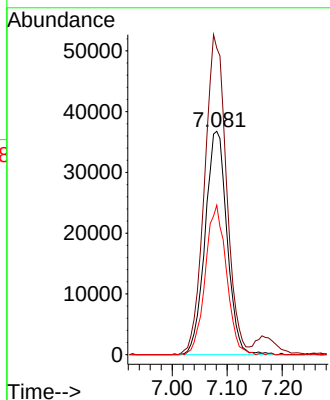
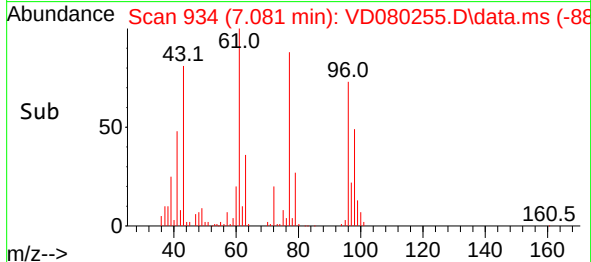
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 101824
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 297.4
 98 64.3 0.0 131.0

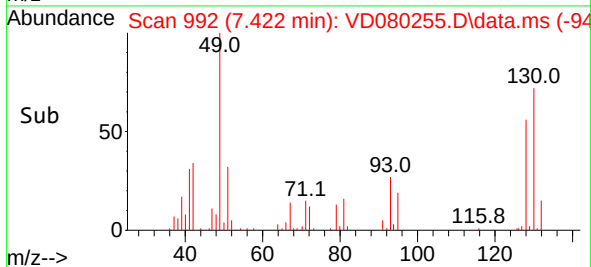
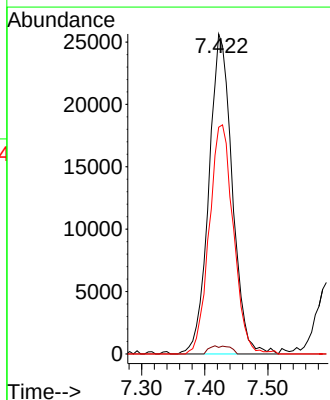
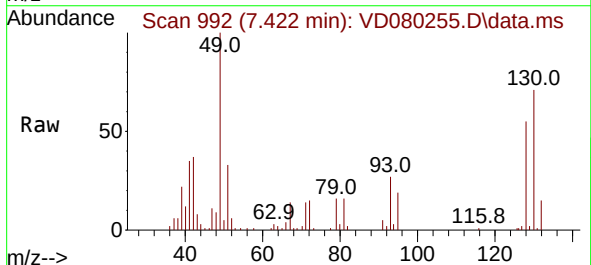
Manual Integrations
 APPROVED

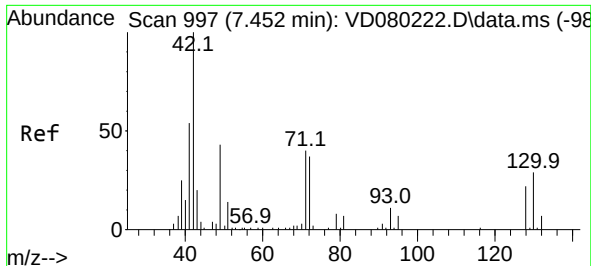
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#28
 Bromochloromethane
 Concen: 44.611 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07

Tgt Ion: 49 Resp: 65835
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.8
 130 74.2 55.3 82.9





#29

Tetrahydrofuran

Concen: 236.388 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

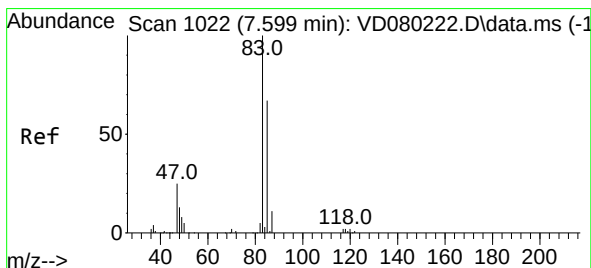
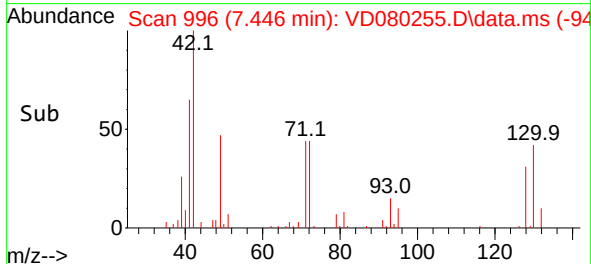
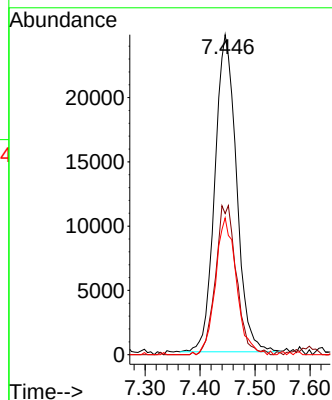
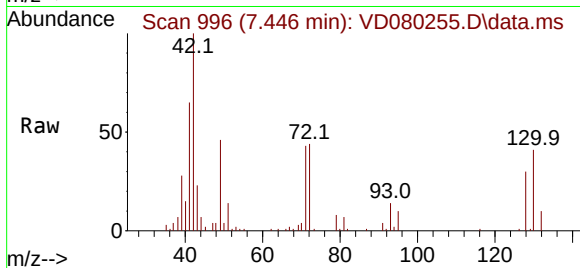
VSTDCCC050

Tgt Ion:	42	Resp:	6762
Ion Ratio	Lower	Upper	
42	100		
72	45.7	33.5	50.3
71	41.8	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#30

Chloroform

Concen: 51.686 ug/l

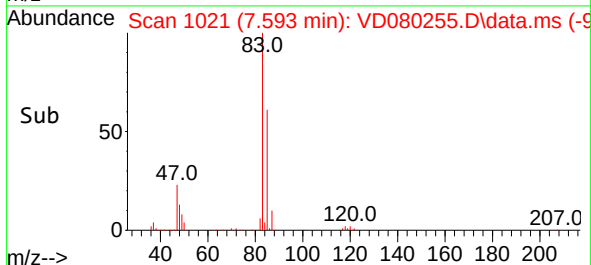
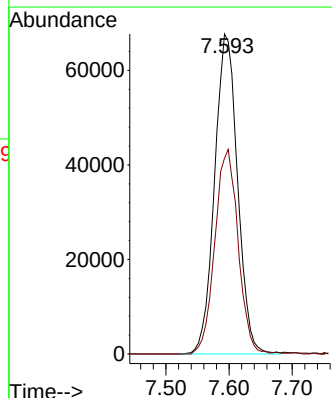
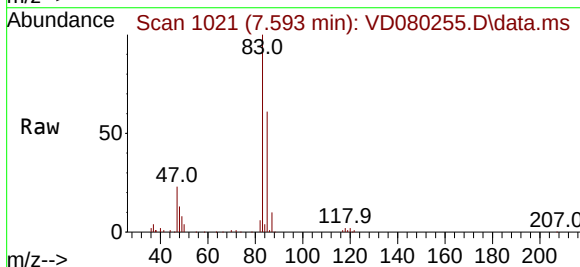
RT: 7.593 min Scan# 1021

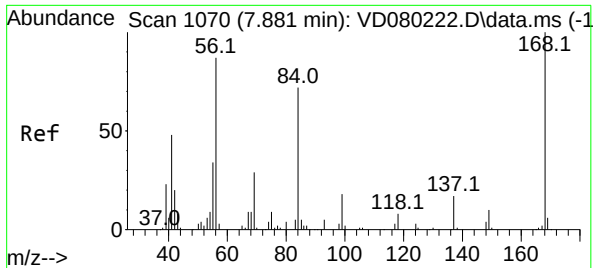
Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Tgt Ion:	83	Resp:	170890
Ion Ratio	Lower	Upper	
83	100		
85	61.2	53.7	80.5





#31

Cyclohexane

Concen: 50.900 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD080255.D

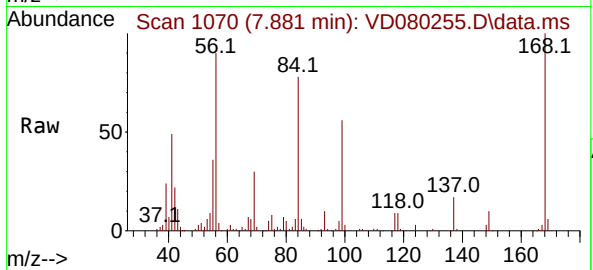
Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 131770

Ion Ratio Lower Upper

56 100

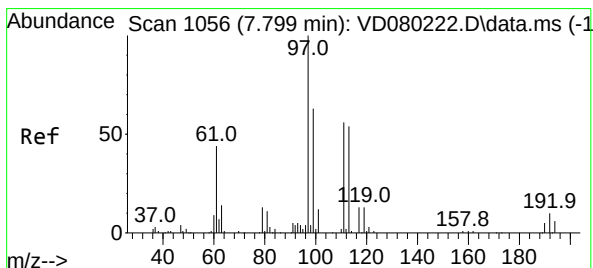
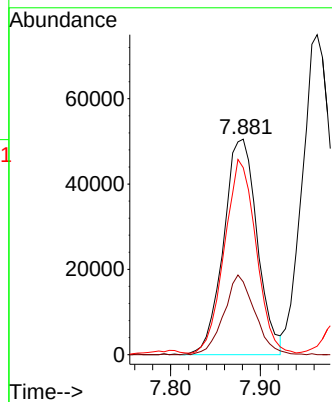
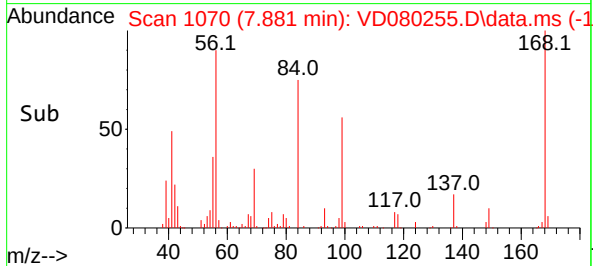
69 33.8 27.0 40.4

84 85.6 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#32

1,1,1-Trichloroethane

Concen: 51.663 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

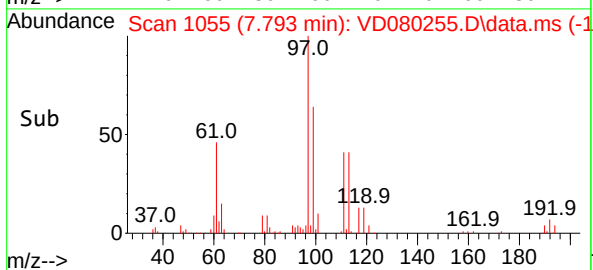
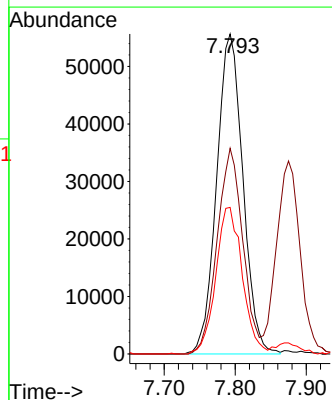
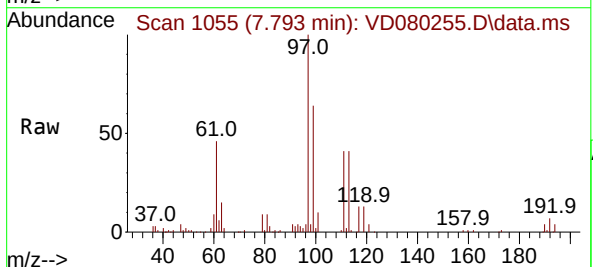
Tgt Ion: 97 Resp: 142908

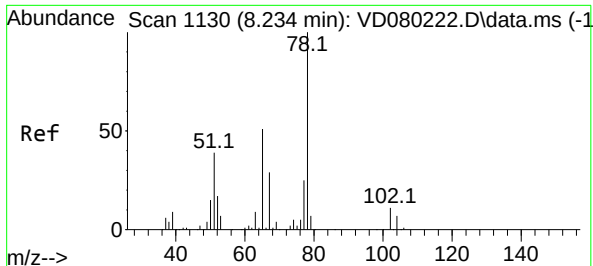
Ion Ratio Lower Upper

97 100

99 62.6 51.3 76.9

61 46.1 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 43.177 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7544

Ion Ratio Lower Upper

65 100

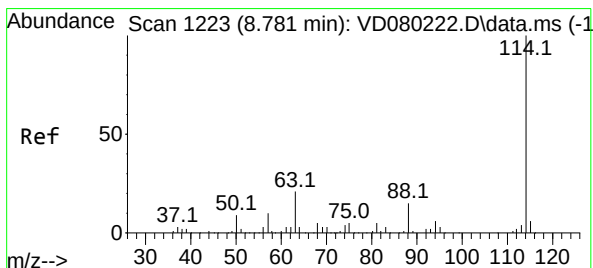
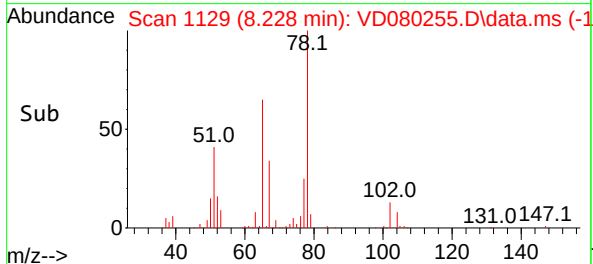
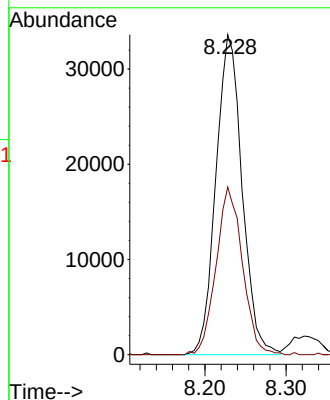
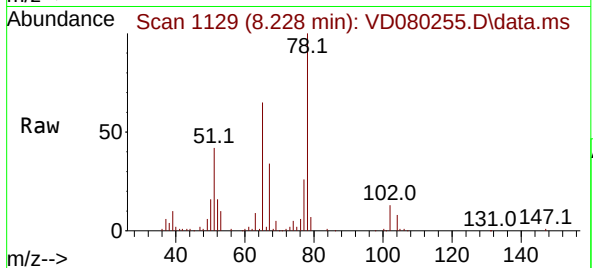
67 52.6 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

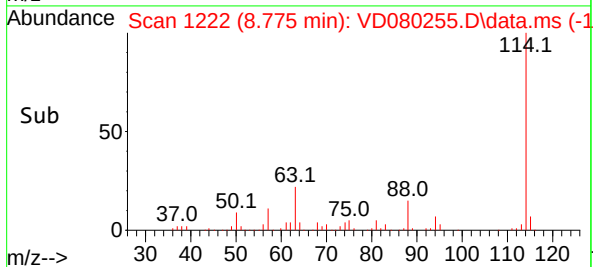
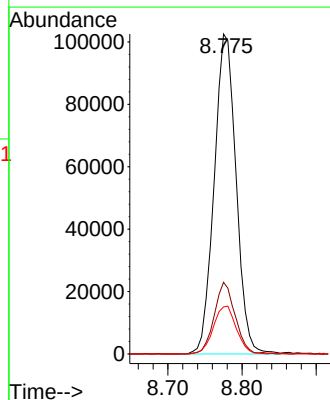
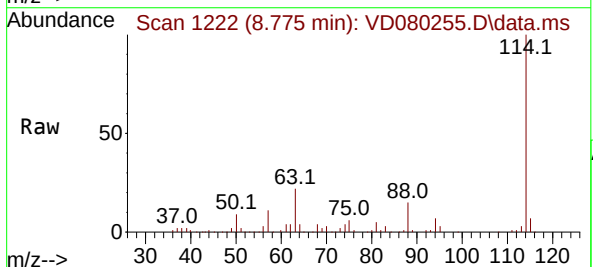
Tgt Ion:114 Resp: 210640

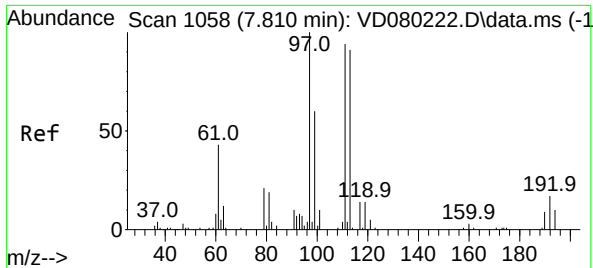
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.511 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

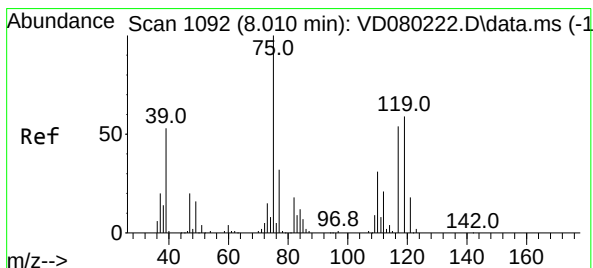
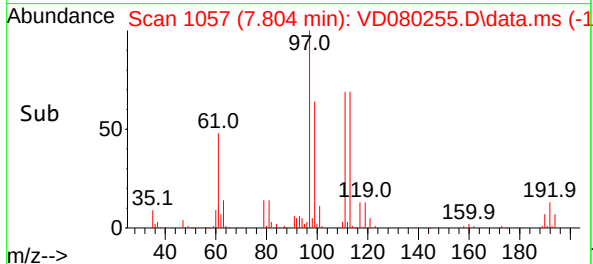
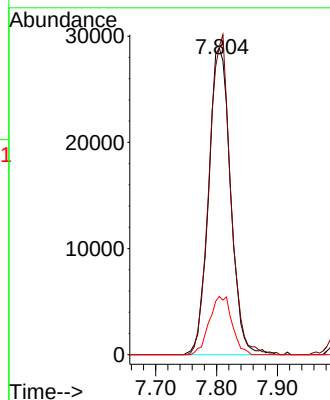
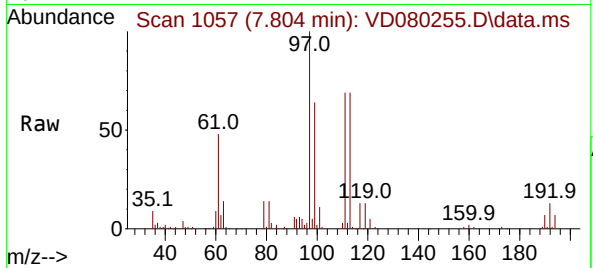
VSTDCCC050

Tgt Ion:	113	Resp:	7242
Ion Ratio	Lower	Upper	
113	100		
111	101.6	85.0	127.4
192	19.7	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#36

1,1-Dichloropropene

Concen: 55.953 ug/l

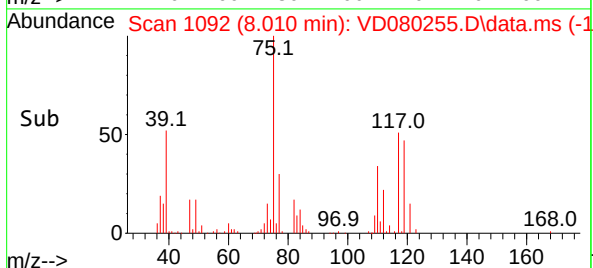
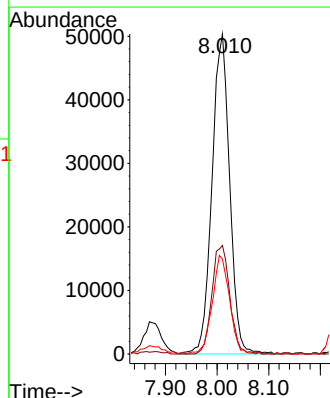
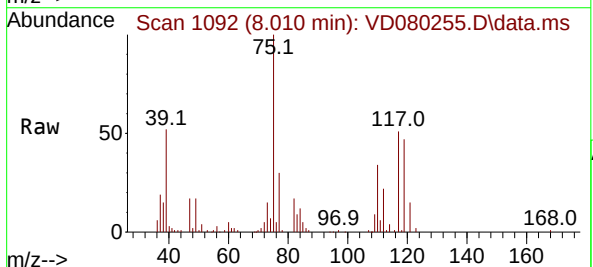
RT: 8.010 min Scan# 1092

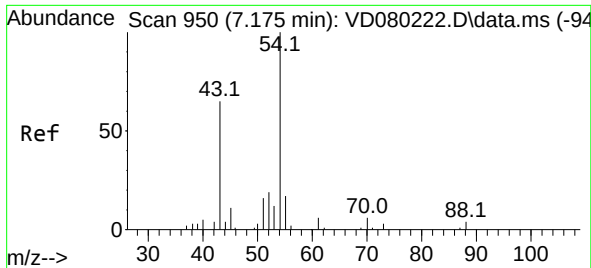
Delta R.T. -0.000 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Tgt Ion:	75	Resp:	119642
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.1	51.2
77	30.1	25.6	38.4





#37

Ethyl Acetate

Concen: 51.126 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

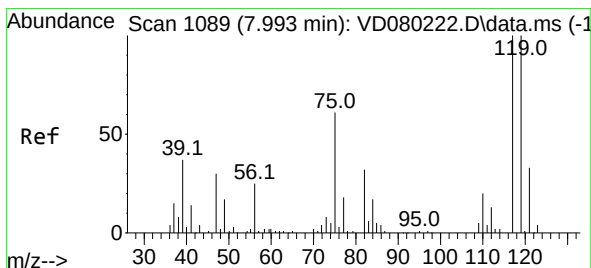
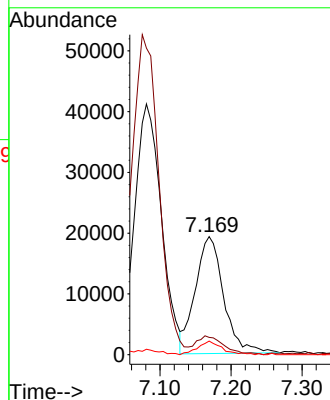
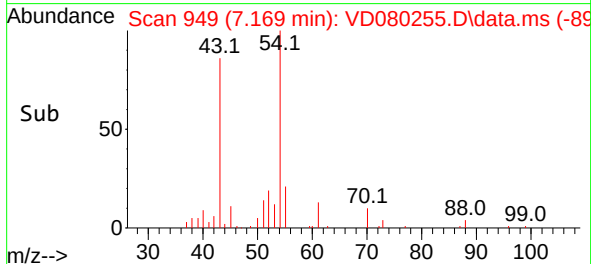
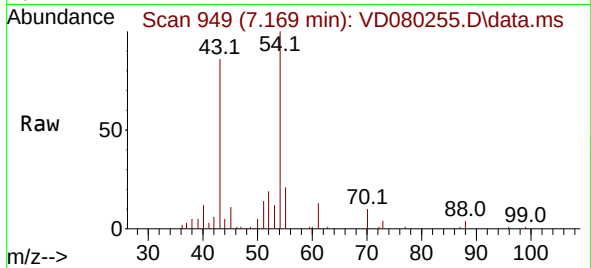
VSTDCCC050

Tgt Ion: 43	Resp: 53600
Ion Ratio	Lower Upper
43 100	
61 15.7	11.4 17.0
70 10.0	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#38

Carbon Tetrachloride

Concen: 55.052 ug/l

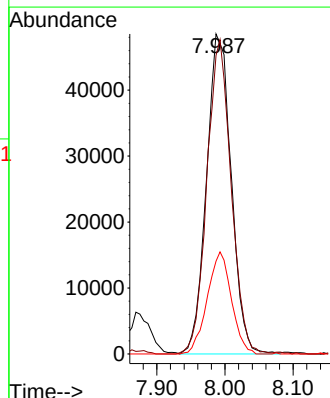
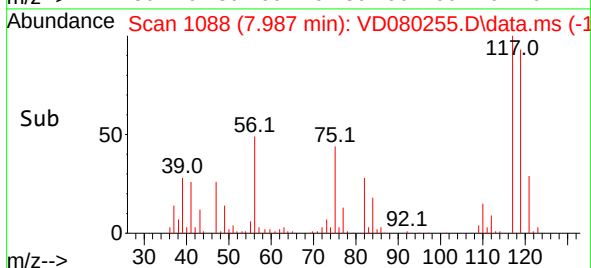
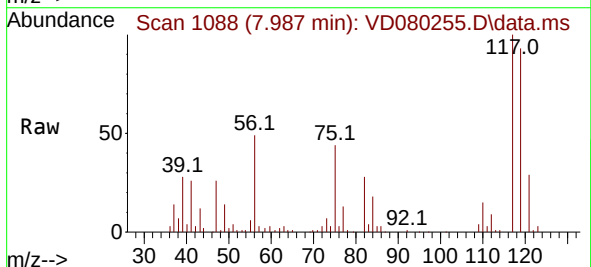
RT: 7.987 min Scan# 1088

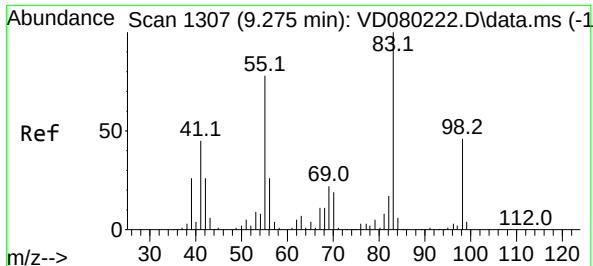
Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Tgt Ion:117	Resp: 122956
Ion Ratio	Lower Upper
117 100	
119 92.9	79.8 119.6
121 29.0	26.6 39.8





#39

Methylcyclohexane

Concen: 59.395 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13797

Ion Ratio Lower Upper

83 100

55 79.4 62.5 93.7

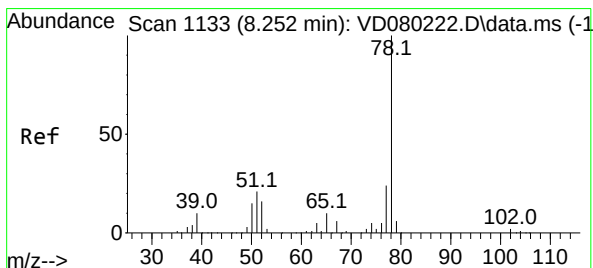
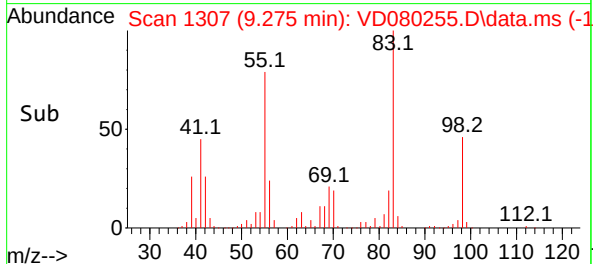
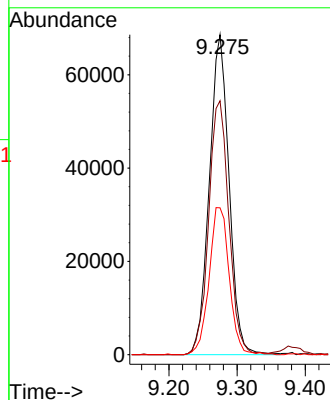
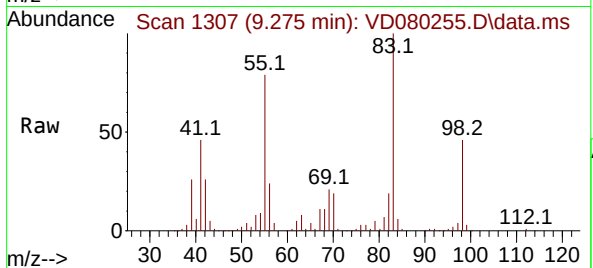
98 45.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#40

Benzene

Concen: 53.569 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080255.D

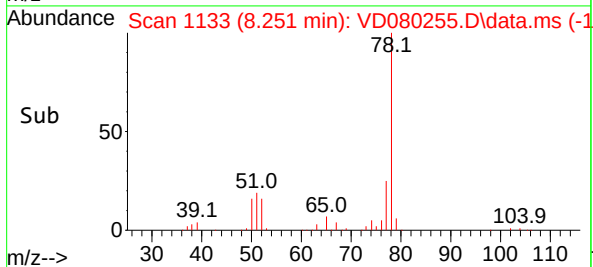
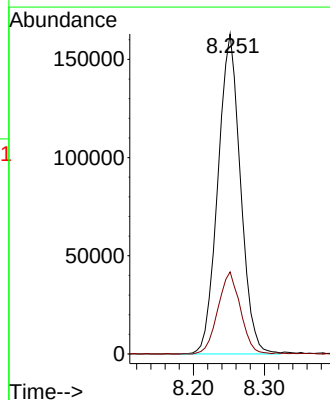
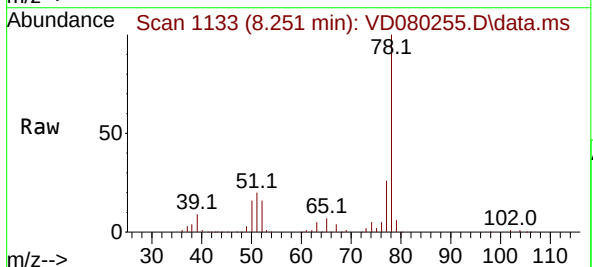
Acq: 07 Feb 2025 11:07

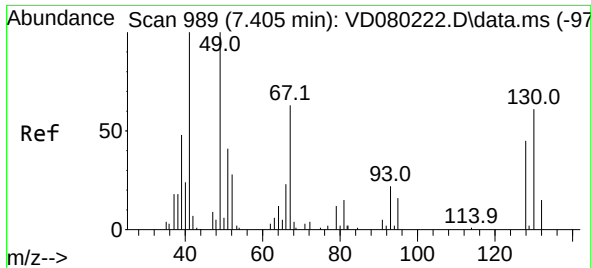
Tgt Ion: 78 Resp: 359038

Ion Ratio Lower Upper

78 100

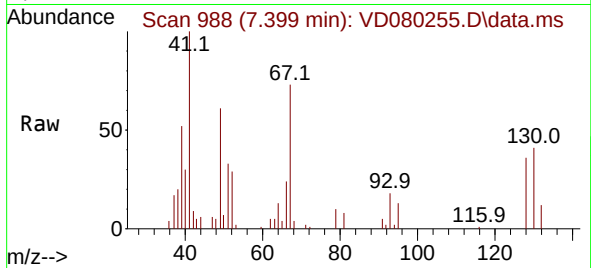
77 25.7 19.2 28.8





#41
Methacrylonitrile
Concen: 53.174 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

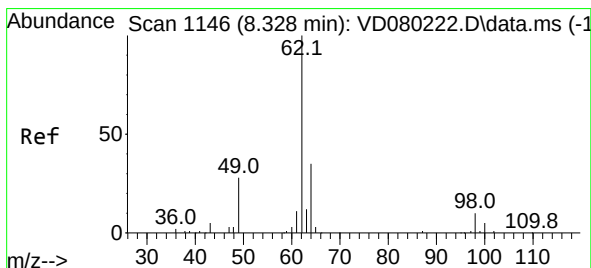
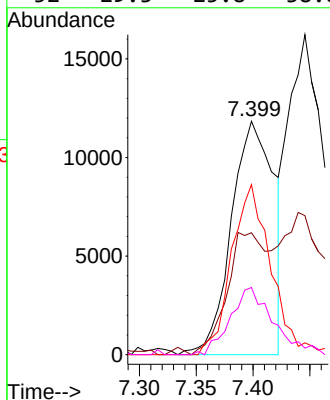
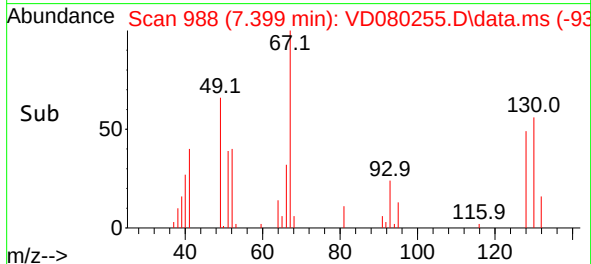
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 30689
Ion Ratio Lower Upper
41 100
39 45.4 44.7 67.1
67 68.4 55.0 82.4
52 29.3 25.8 38.8

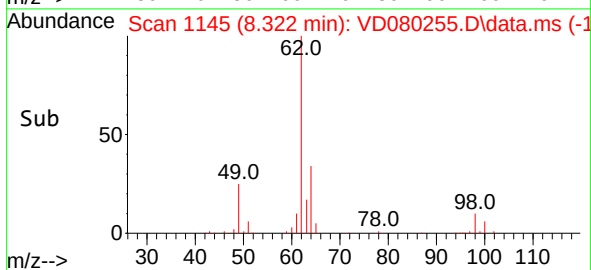
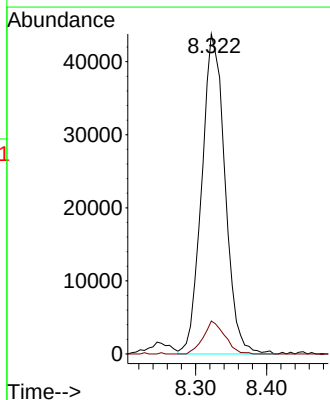
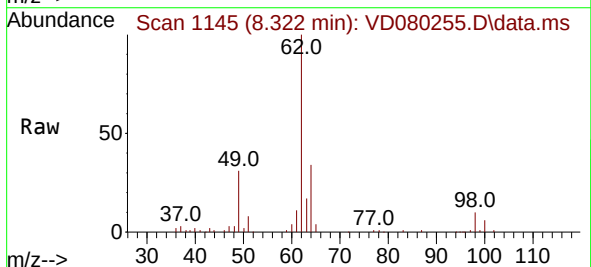
Manual Integrations
APPROVED

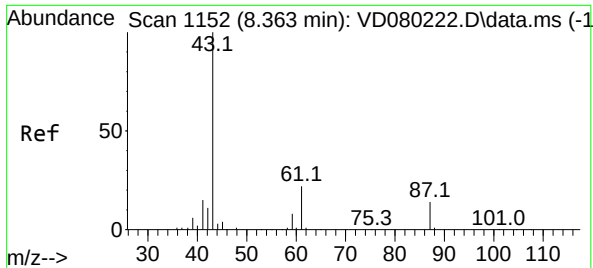
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#42
1,2-Dichloroethane
Concen: 52.252 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

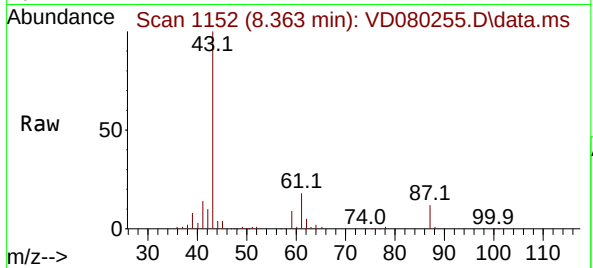
Tgt Ion: 62 Resp: 99658
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 51.175 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

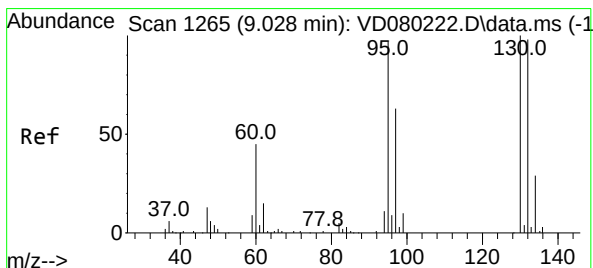
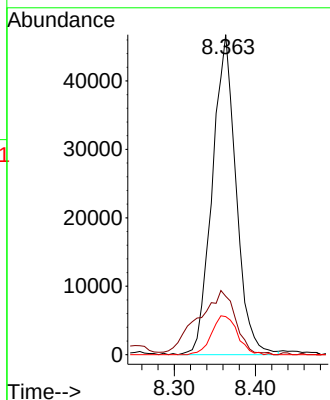
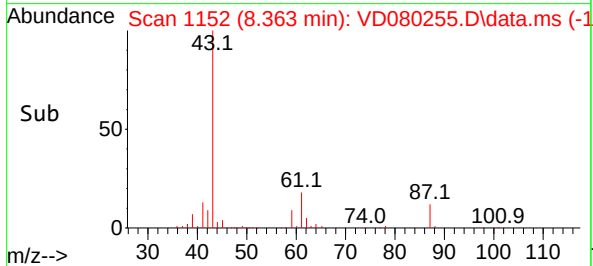
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



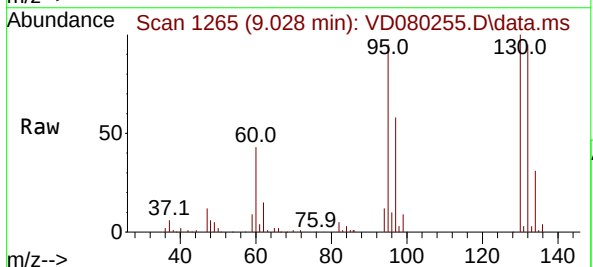
Tgt Ion: 43 Resp: 95228
Ion Ratio Lower Upper
43 100
61 32.0 25.0 37.4
87 13.2 10.7 16.1

Manual Integrations
APPROVED

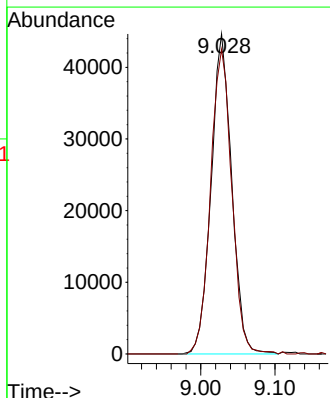
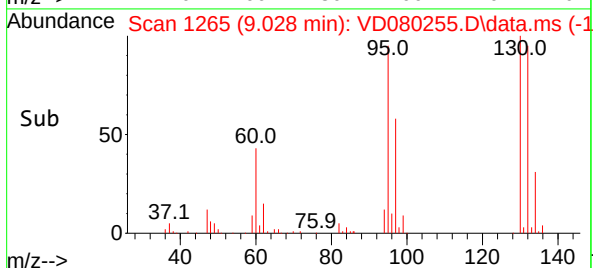
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

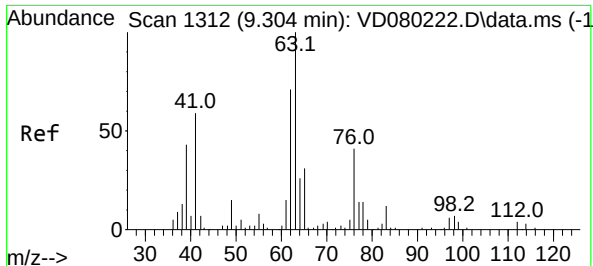


#44
Trichloroethene
Concen: 55.622 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



Tgt Ion:130 Resp: 86121
Ion Ratio Lower Upper
130 100
95 95.2 0.0 194.2





#45

1,2-Dichloropropane

Concen: 55.118 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92919

Ion Ratio Lower Upper

63 100

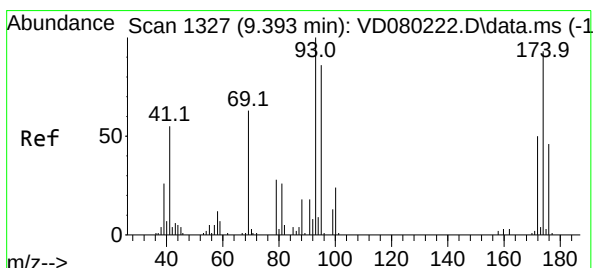
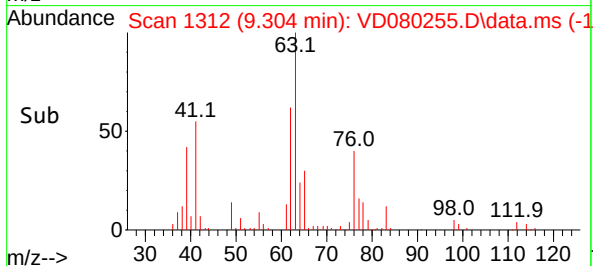
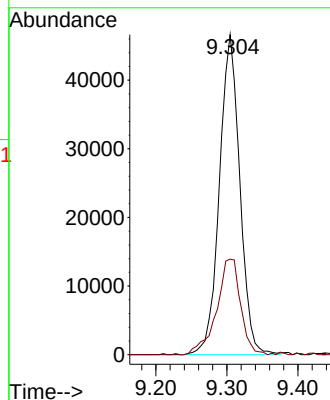
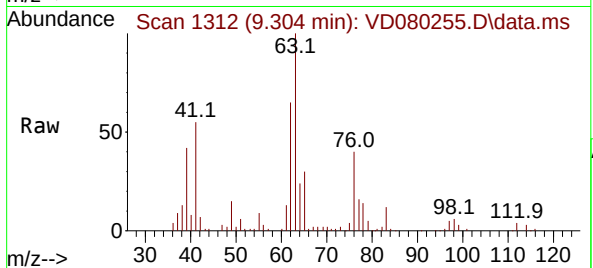
65 29.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#46

Dibromomethane

Concen: 52.987 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

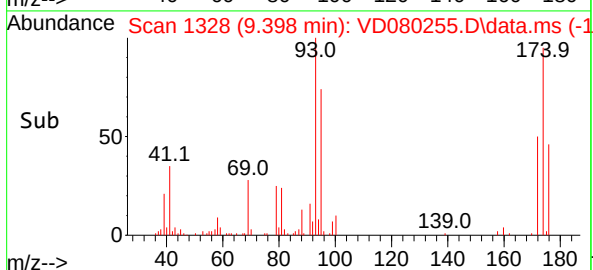
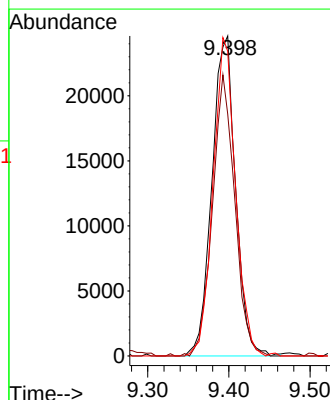
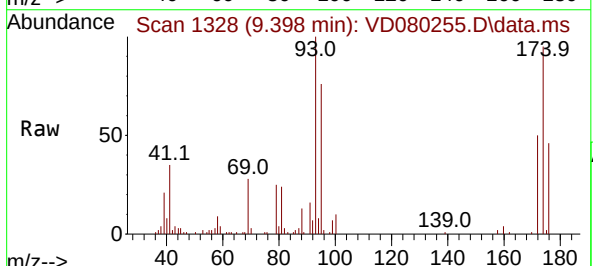
Tgt Ion: 93 Resp: 49767

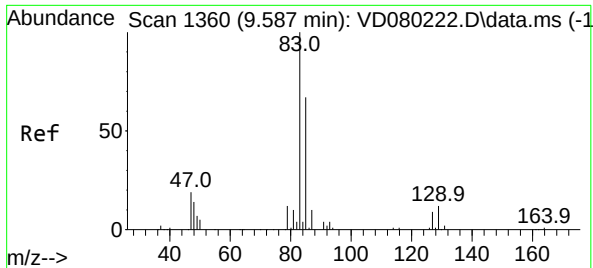
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 94.4 76.8 115.2





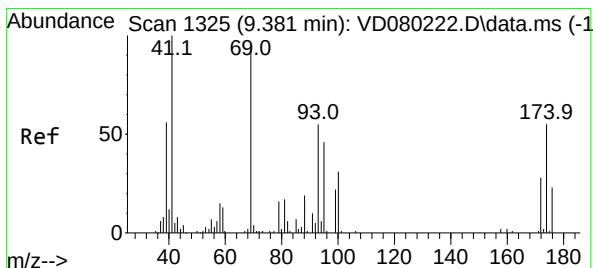
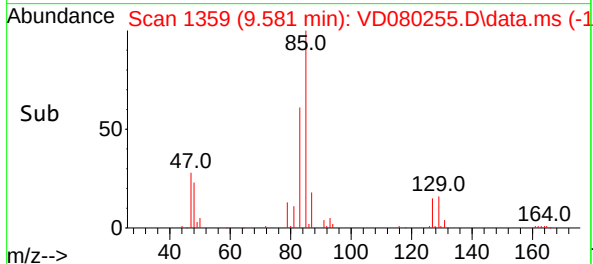
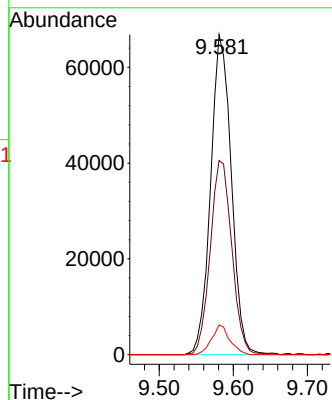
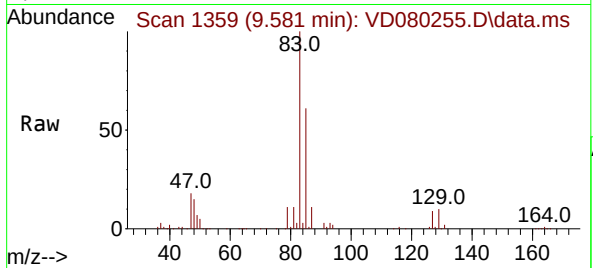
#47
Bromodichloromethane
Concen: 54.726 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 129619
Ion Ratio Lower Upper
83 100
85 60.7 53.6 80.4
127 9.3 7.4 11.2

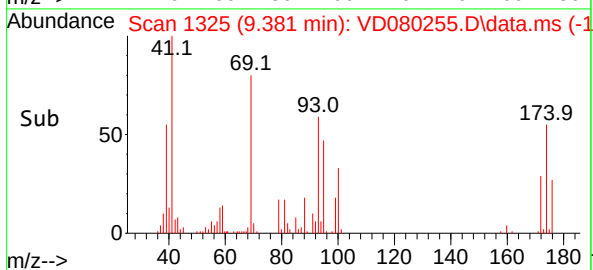
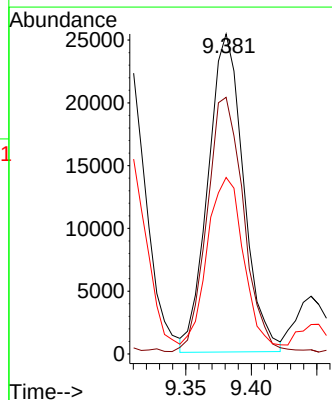
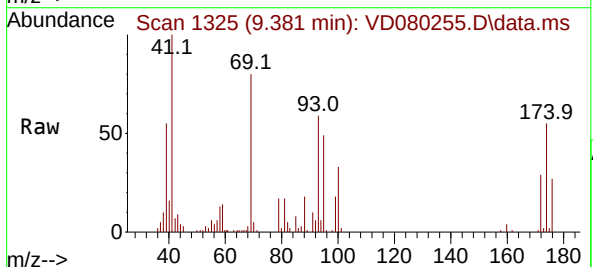
Manual Integrations
APPROVED

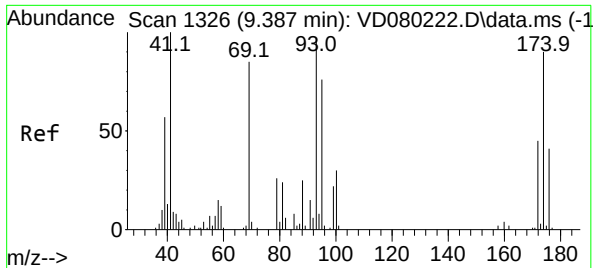
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#48
Methyl methacrylate
Concen: 55.331 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Tgt Ion: 41 Resp: 47646
Ion Ratio Lower Upper
41 100
69 85.5 73.7 110.5
39 58.0 49.4 74.2





#49

1,4-Dioxane

Concen: 1024.622 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 10469

Ion Ratio Lower Upper

88 100

43 40.8 28.5 42.7

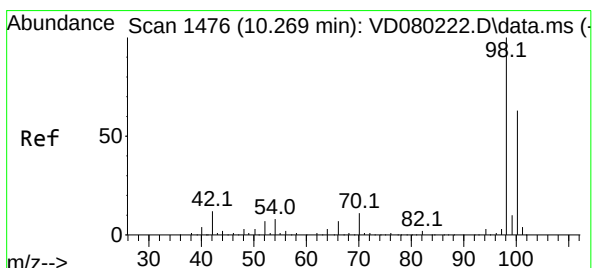
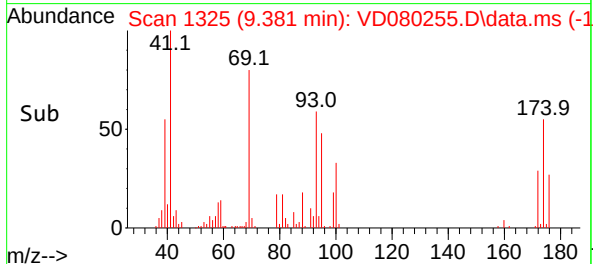
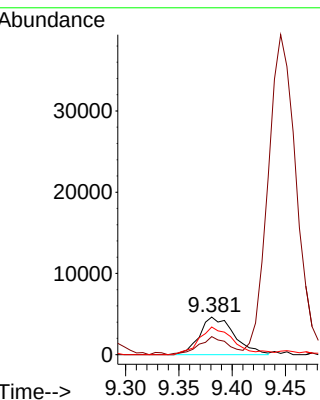
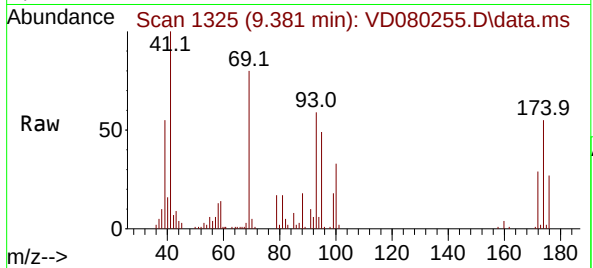
58 73.7 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#50

Toluene-d8

Concen: 50.313 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080255.D

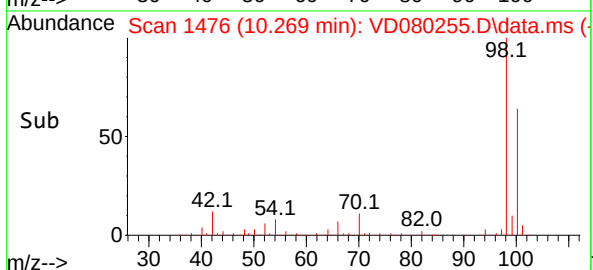
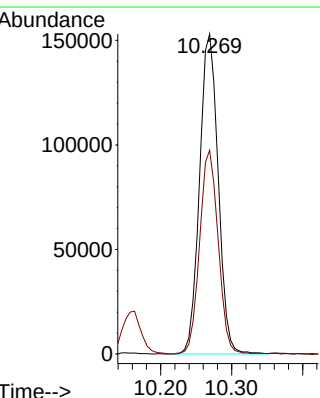
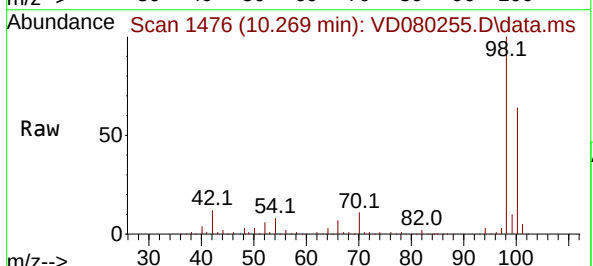
Acq: 07 Feb 2025 11:07

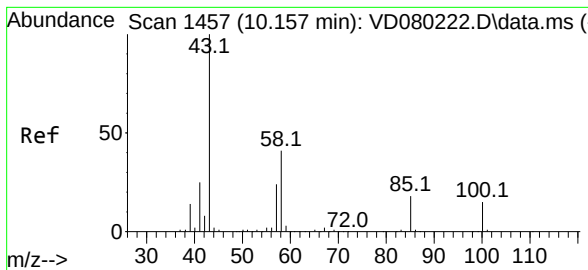
Tgt Ion: 98 Resp: 278544

Ion Ratio Lower Upper

98 100

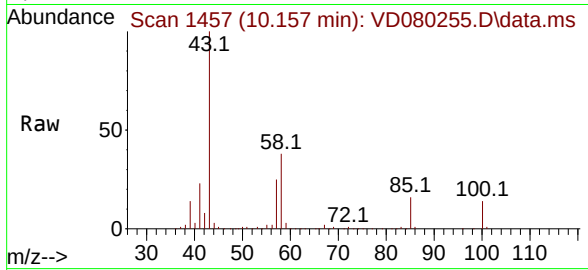
100 63.3 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 271.094 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

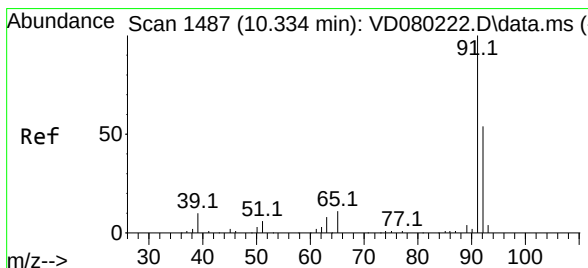
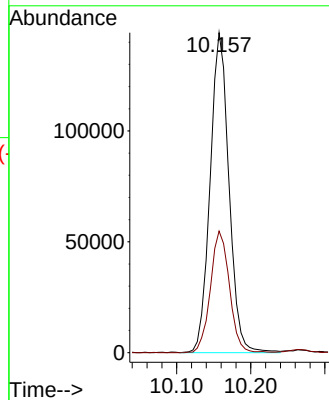
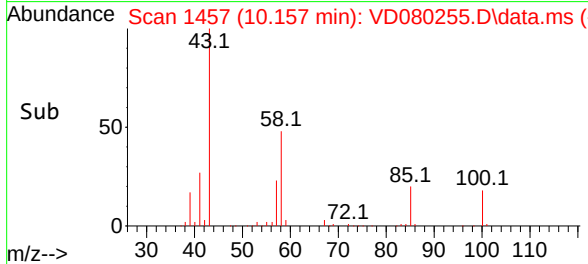
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



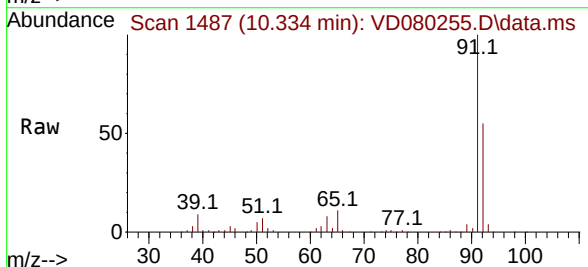
Tgt Ion: 43 Resp: 255080
Ion Ratio Lower Upper
43 100
58 38.4 31.1 46.7

Manual Integrations
APPROVED

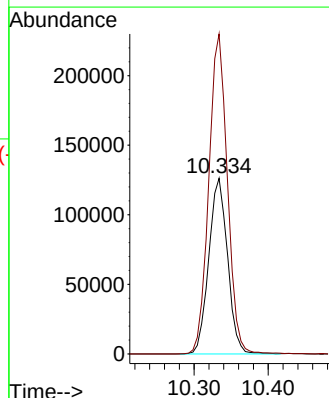
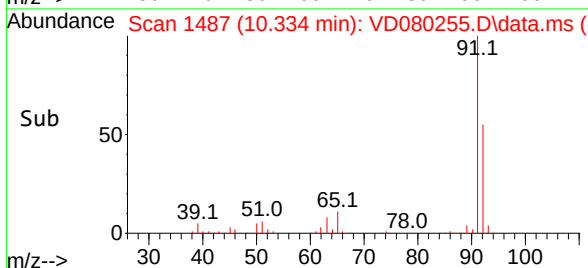
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

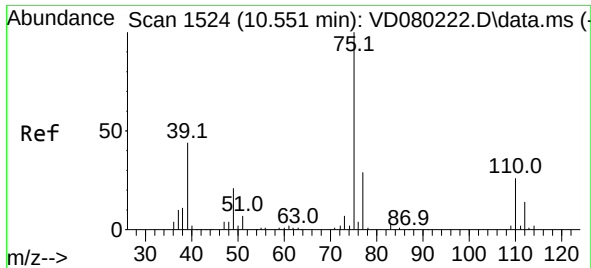


#52
Toluene
Concen: 56.710 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



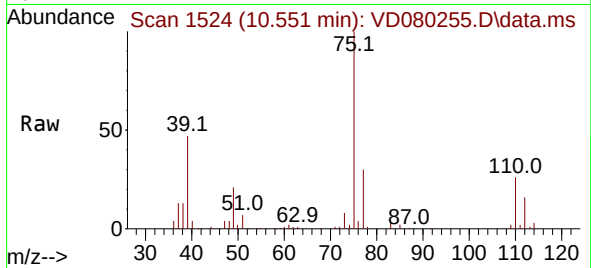
Tgt Ion: 92 Resp: 222324
Ion Ratio Lower Upper
92 100
91 180.7 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 56.128 ug/l
RT: 10.551 min Scan# 11332
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

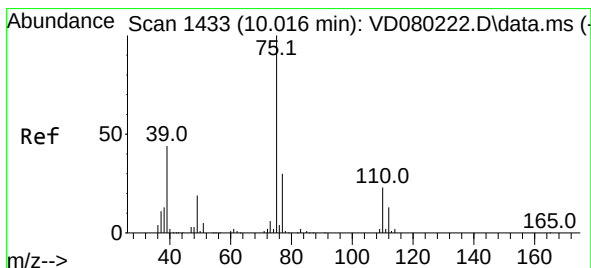
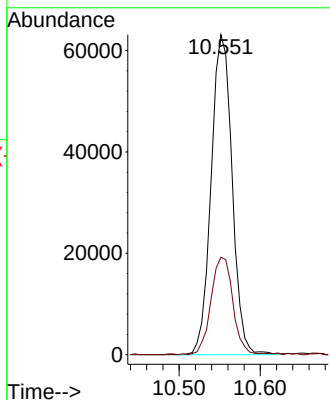
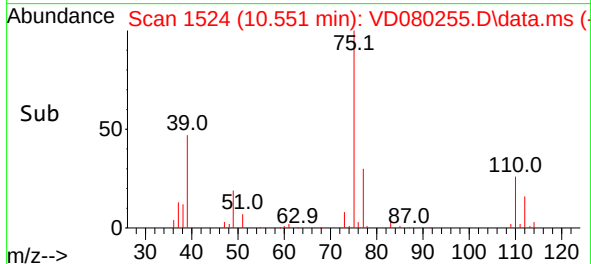
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



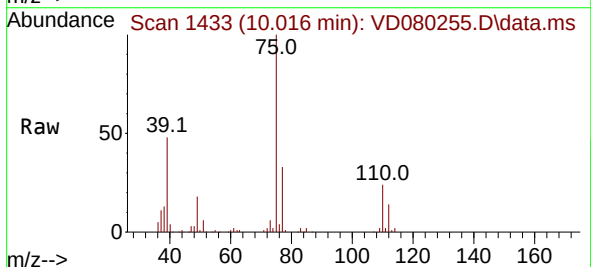
Tgt Ion: 75 Resp: 11332
Ion Ratio Lower Upper
75 100
77 30.5 23.0 34.4

Manual Integrations
APPROVED

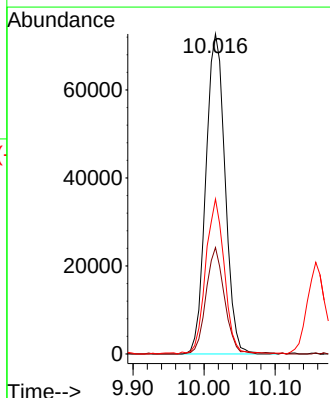
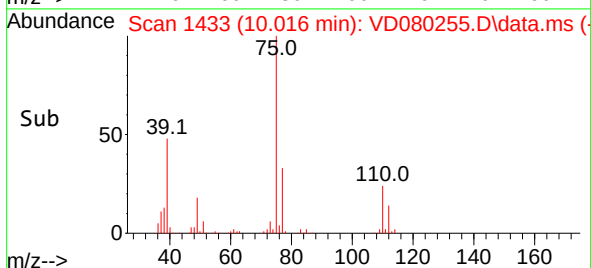
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

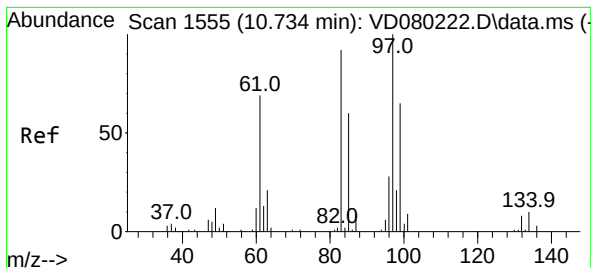


#54
cis-1,3-Dichloropropene
Concen: 55.696 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



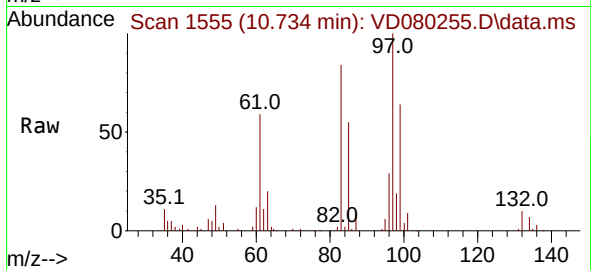
Tgt Ion: 75 Resp: 136791
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1
39 48.4 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 52.129 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

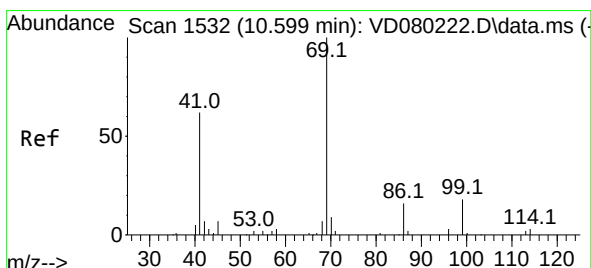
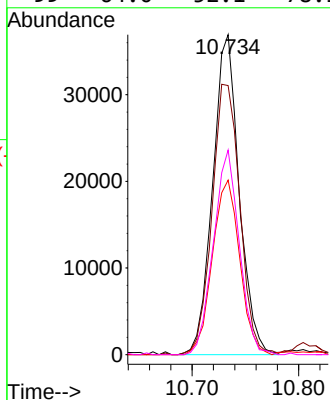
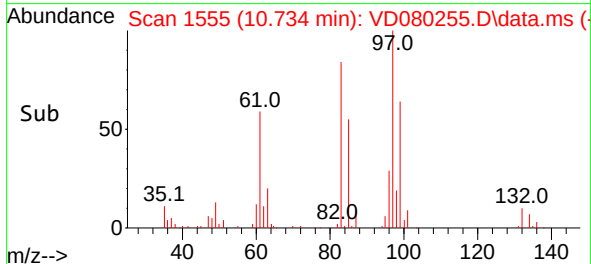
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050



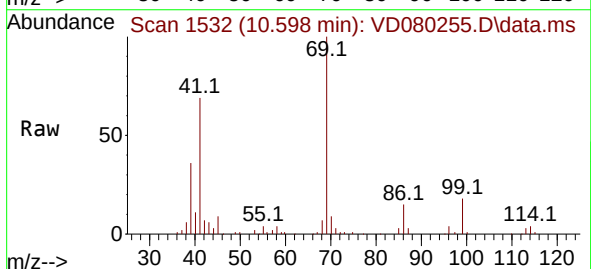
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	73.9	110.9
85	54.5	48.2	72.2
99	64.0	52.1	78.1

Manual Integrations
APPROVED

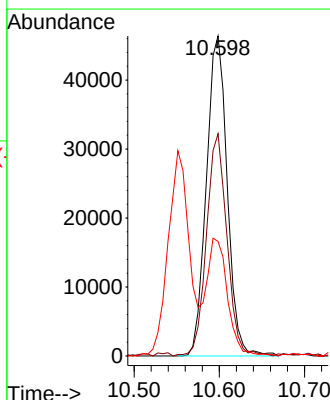
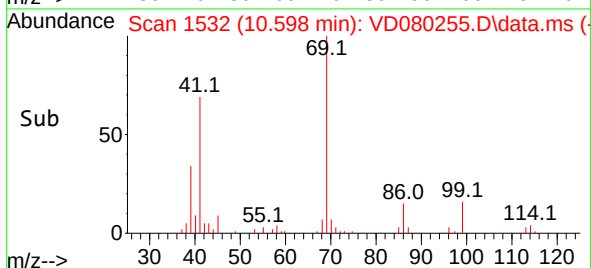
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

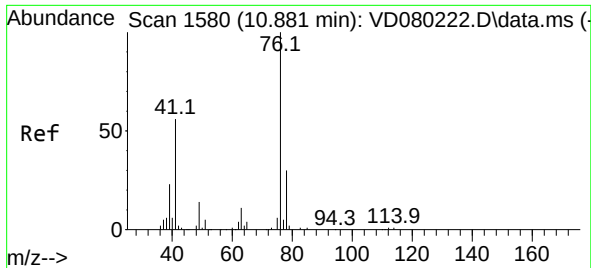


#56
Ethyl methacrylate
Concen: 56.575 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



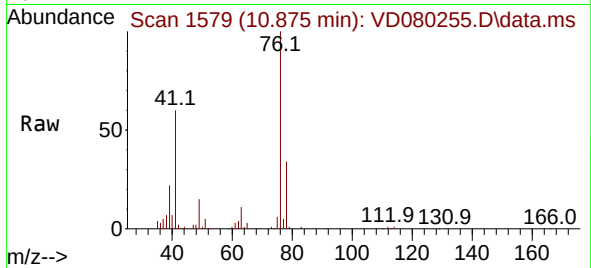
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	51.8	77.6
39	37.7	28.7	43.1





#57
1,3-Dichloropropane
Concen: 54.238 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

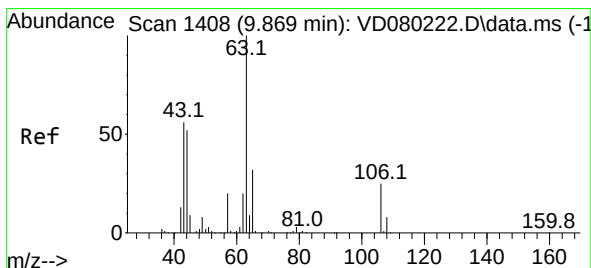
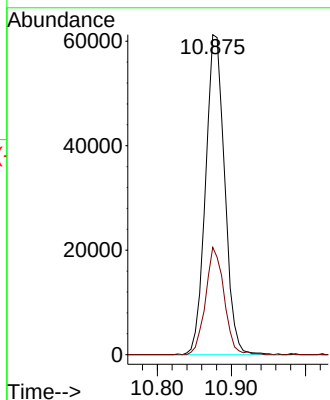
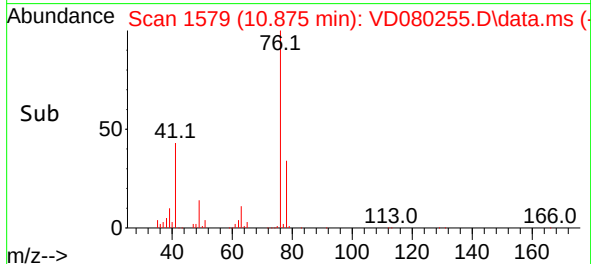
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



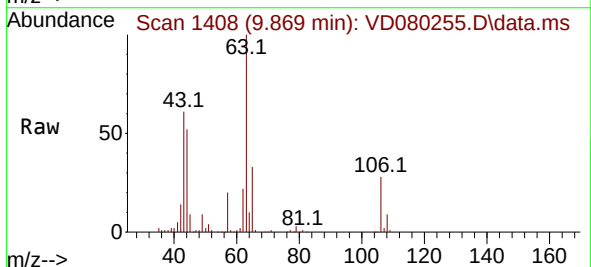
Tgt Ion: 76 Resp: 109480
Ion Ratio Lower Upper
76 100
78 32.7 25.0 37.4

Manual Integrations
APPROVED

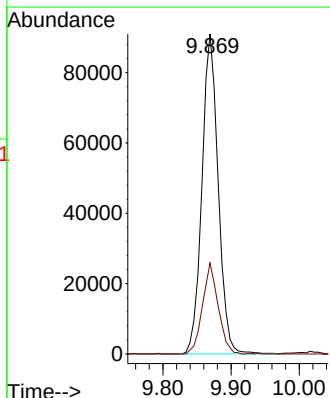
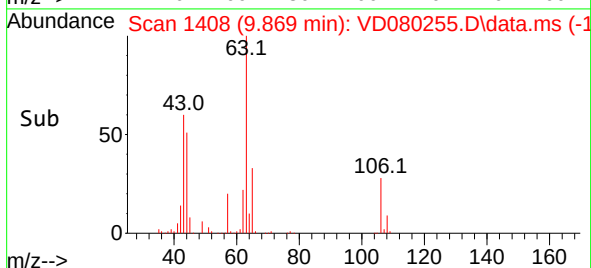
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

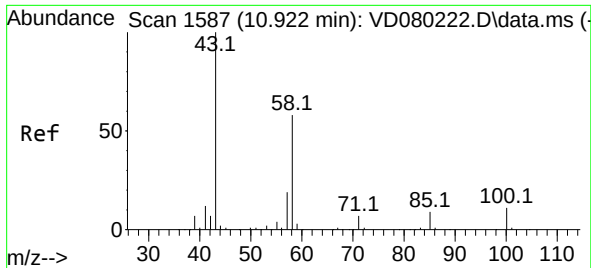


#58
2-Chloroethyl Vinyl ether
Concen: 253.717 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



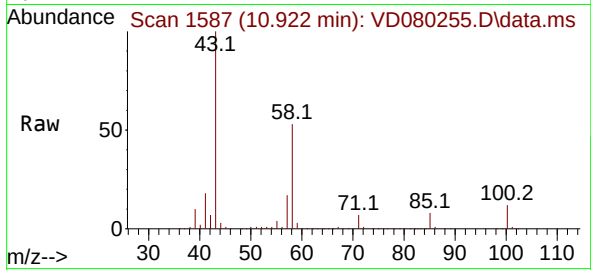
Tgt Ion: 63 Resp: 150790
Ion Ratio Lower Upper
63 100
106 27.4 20.6 30.8





#59
2-Hexanone
Concen: 287.120 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

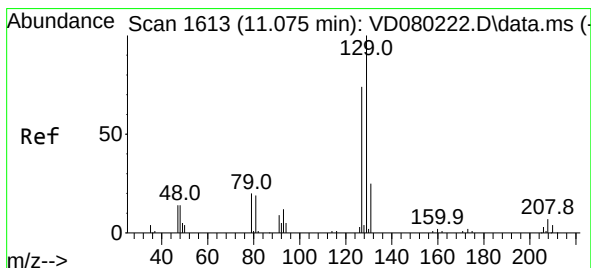
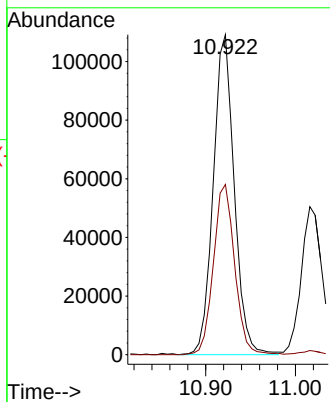
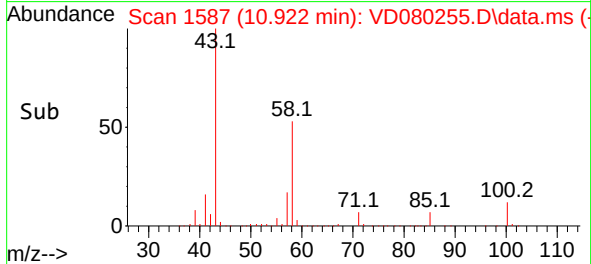
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



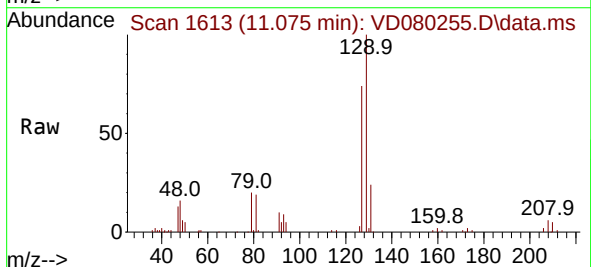
Tgt Ion: 43 Resp: 17728
Ion Ratio Lower Upper
43 100
58 53.8 27.4 82.2

Manual Integrations
APPROVED

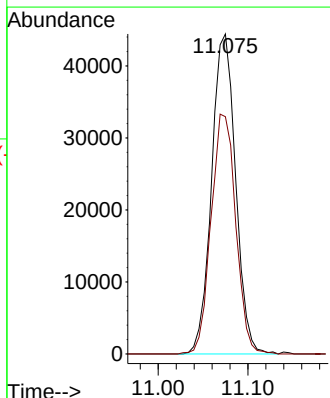
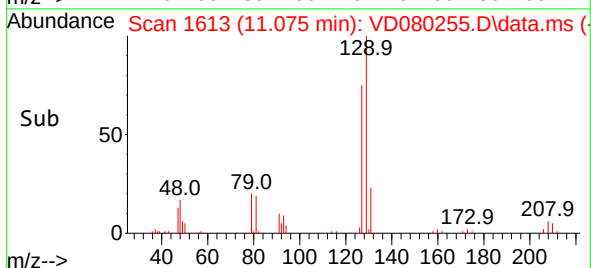
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

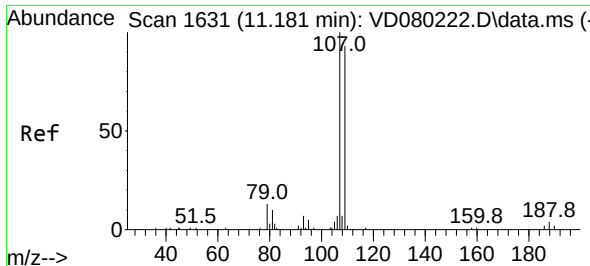


#60
Dibromochloromethane
Concen: 54.849 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



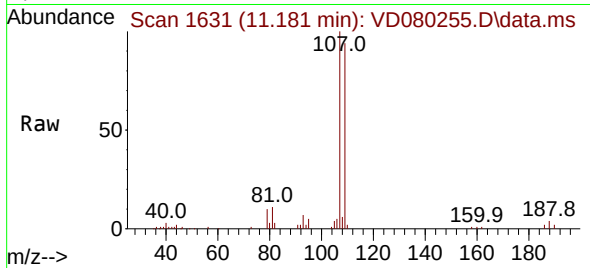
Tgt Ion:129 Resp: 82506
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5





#61
1,2-Dibromoethane
Concen: 53.763 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

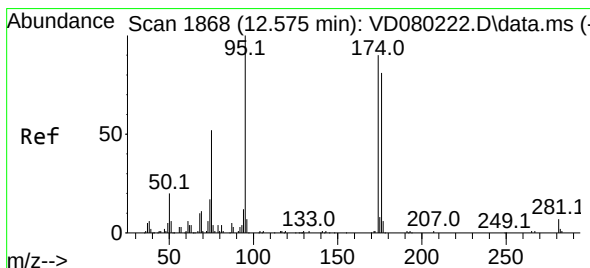
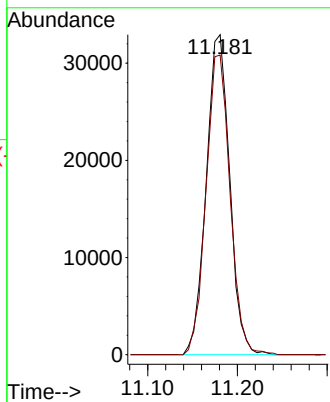
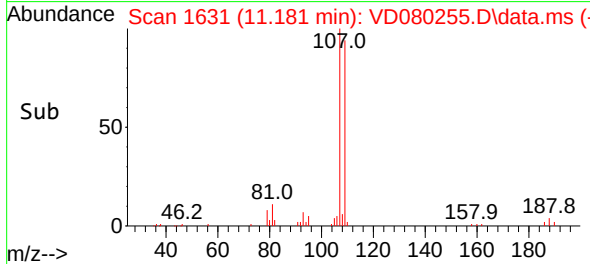
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



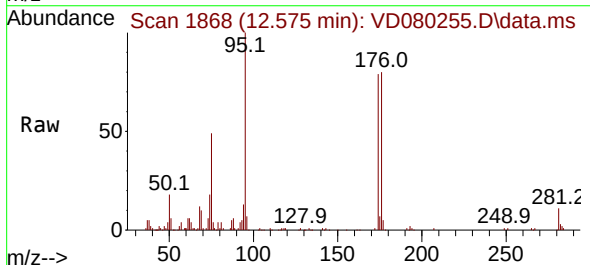
Tgt Ion:107 Resp: 59754
Ion Ratio Lower Upper
107 100
109 95.9 75.1 112.7

Manual Integrations
APPROVED

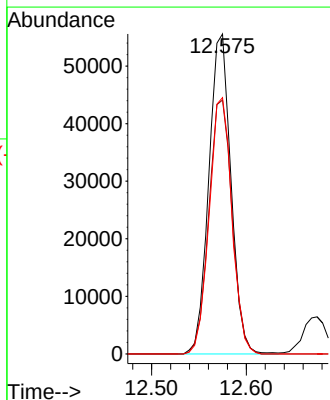
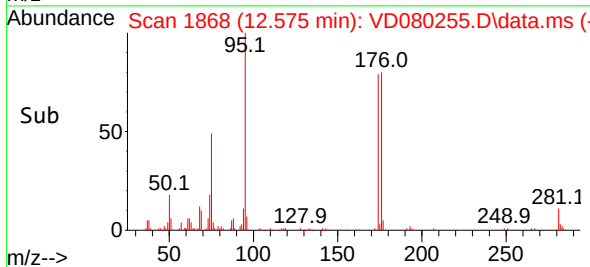
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

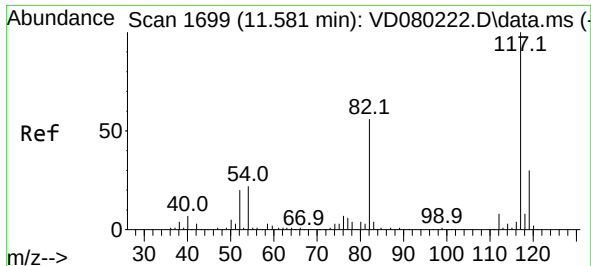


#62
4-Bromofluorobenzene
Concen: 50.881 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



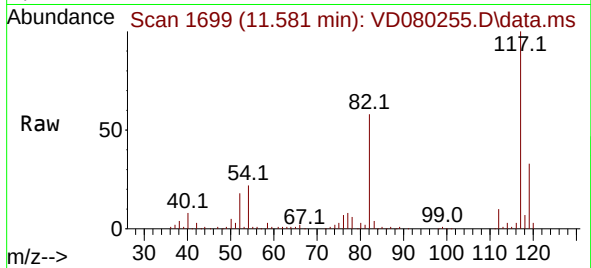
Tgt Ion: 95 Resp: 90383
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.8
176 81.9 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

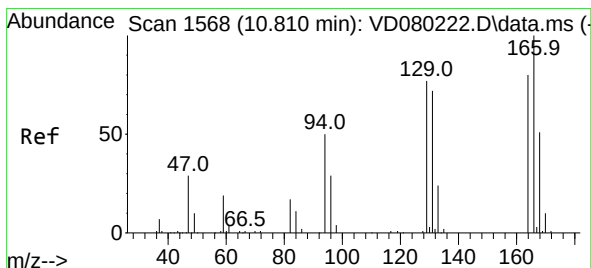
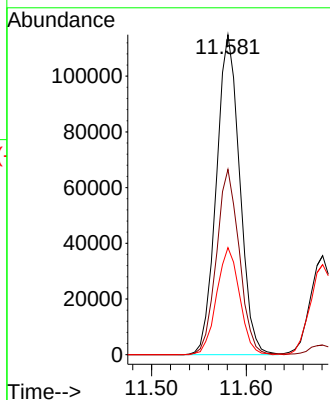
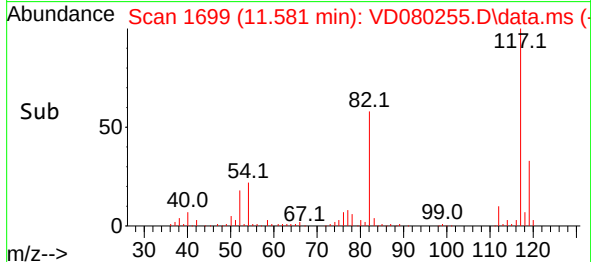
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 19702
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.6
119 33.4 24.3 36.5

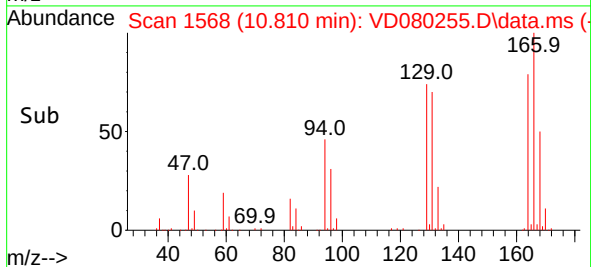
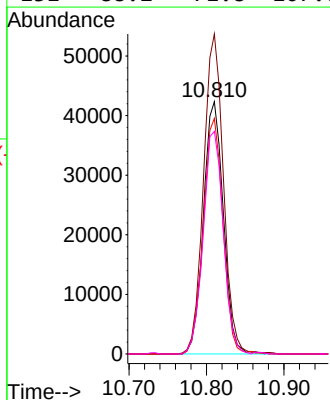
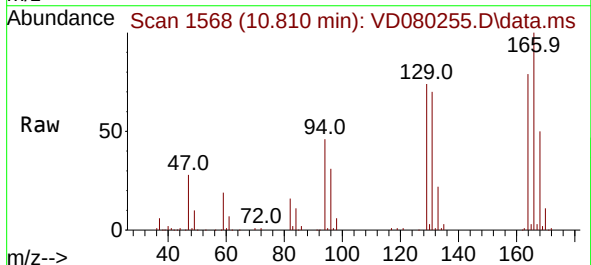
Manual Integrations
APPROVED

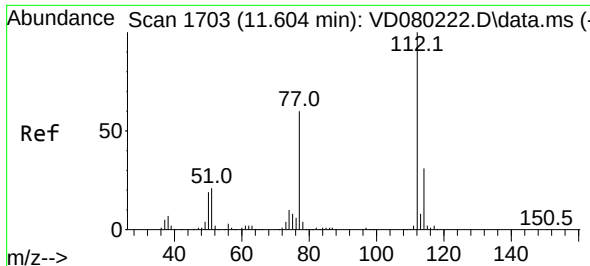
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#64
Tetrachloroethene
Concen: 54.966 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

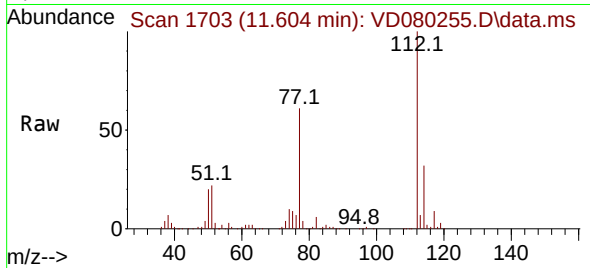
Tgt Ion:164 Resp: 75651
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.2
129 93.3 76.3 114.5
131 88.2 71.8 107.6





#65
Chlorobenzene
Concen: 53.532 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

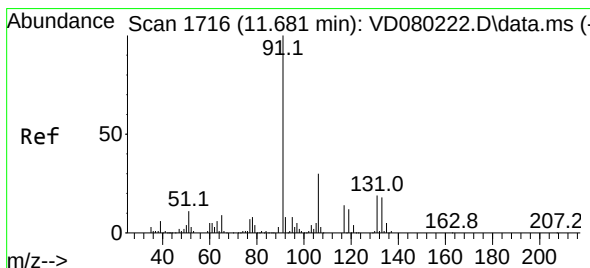
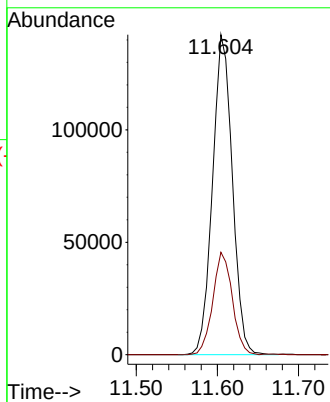
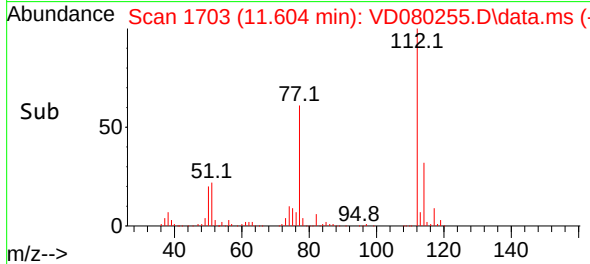
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



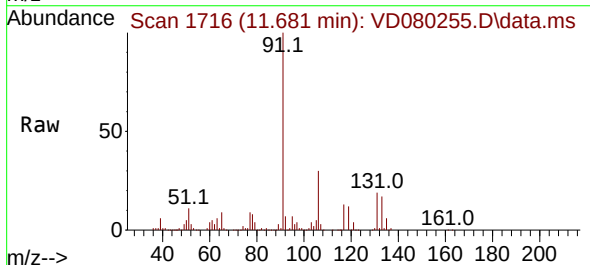
Tgt Ion:112 Resp: 24175
Ion Ratio Lower Upper
112 100
114 32.0 24.5 36.7

Manual Integrations
APPROVED

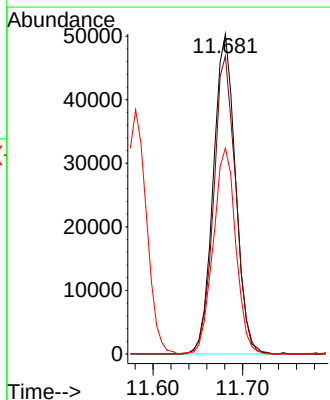
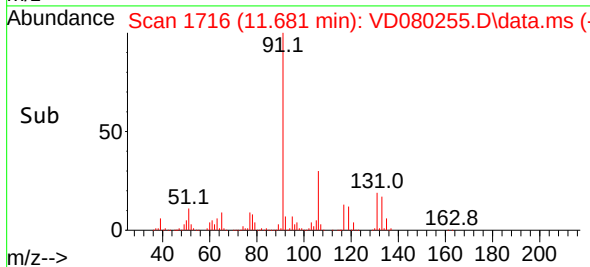
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

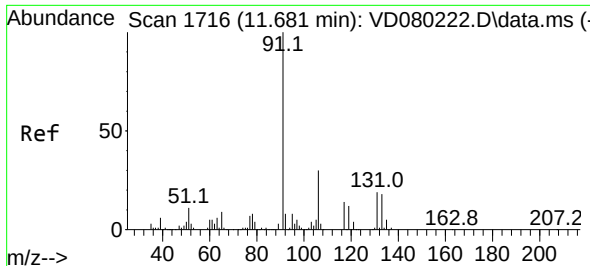


#66
1,1,1,2-Tetrachloroethane
Concen: 54.575 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



Tgt Ion:131 Resp: 86222
Ion Ratio Lower Upper
131 100
133 92.8 45.9 137.7
119 65.5 33.9 101.6





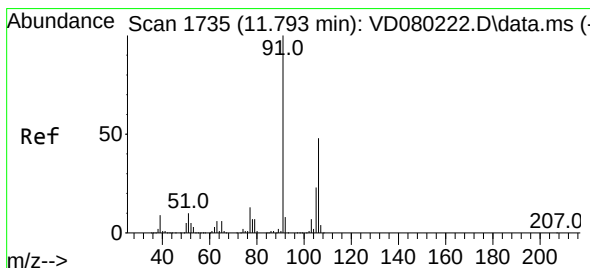
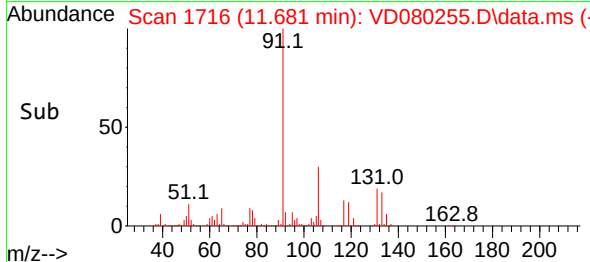
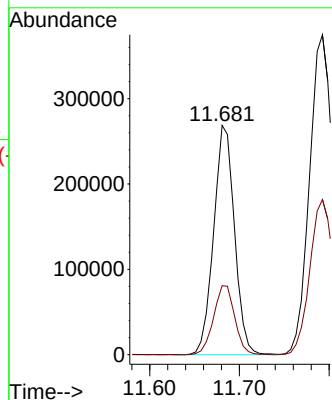
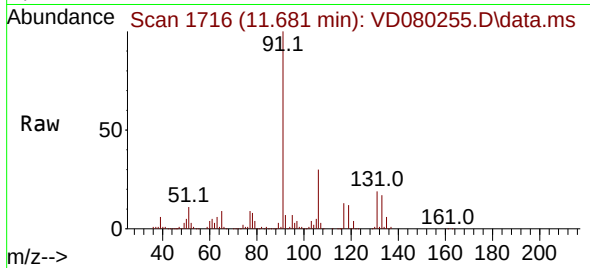
#67
Ethyl Benzene
Concen: 57.674 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 433283
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

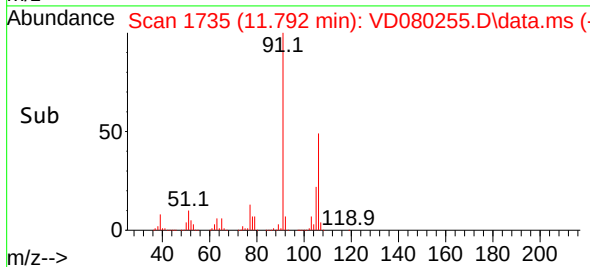
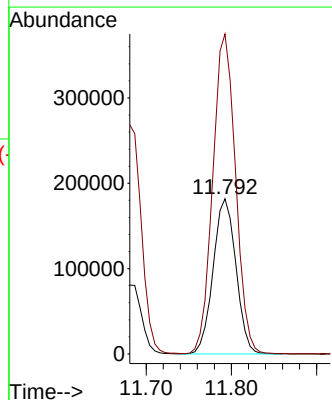
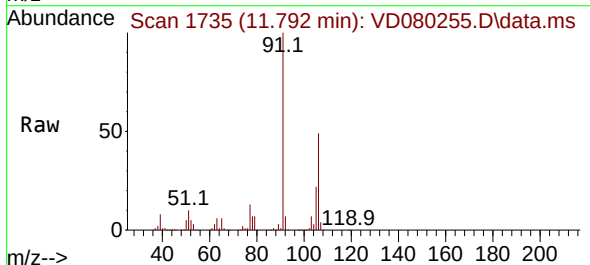
Manual Integrations
APPROVED

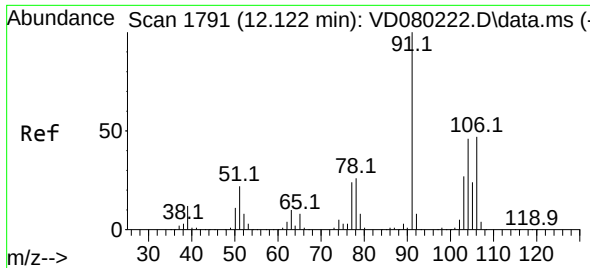
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#68
m/p-Xylenes
Concen: 116.149 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

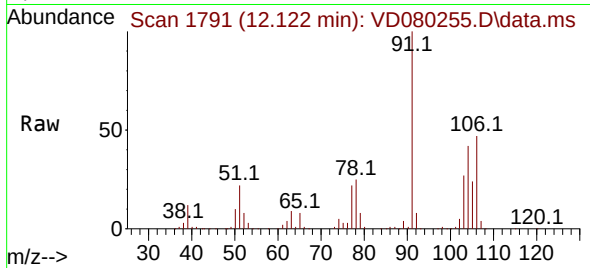
Tgt Ion:106 Resp: 338756
Ion Ratio Lower Upper
106 100
91 206.0 165.8 248.8





#69
o-Xylene
Concen: 58.105 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

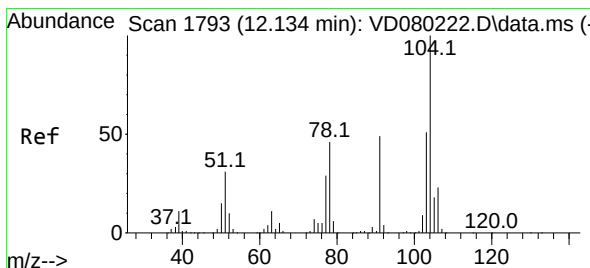
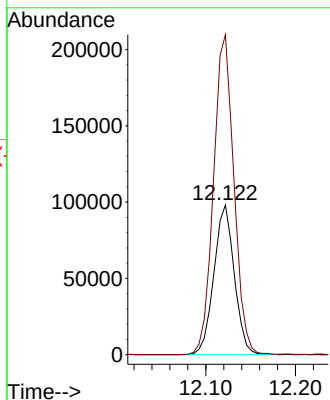
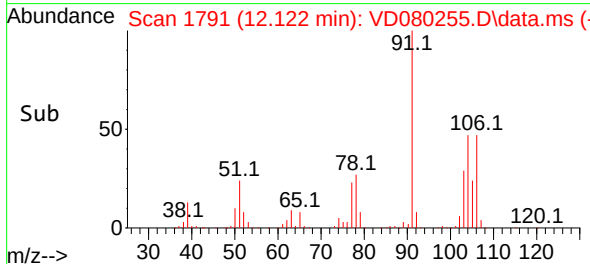
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 154530
Ion Ratio Lower Upper
106 100
91 214.6 107.7 323.3

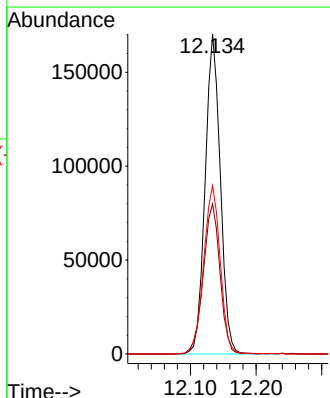
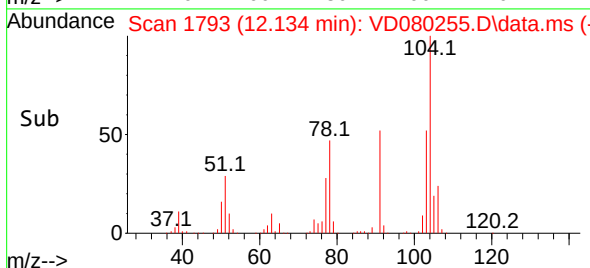
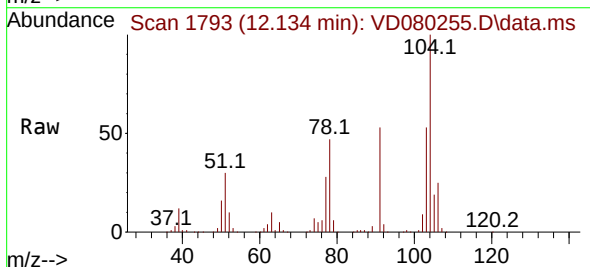
Manual Integrations
APPROVED

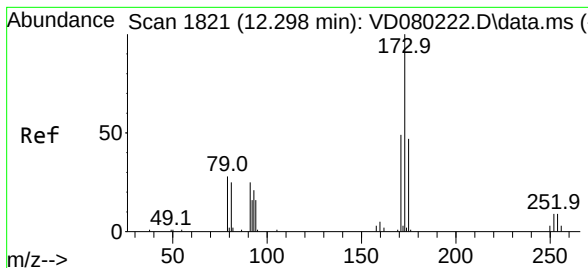
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#70
Styrene
Concen: 57.992 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

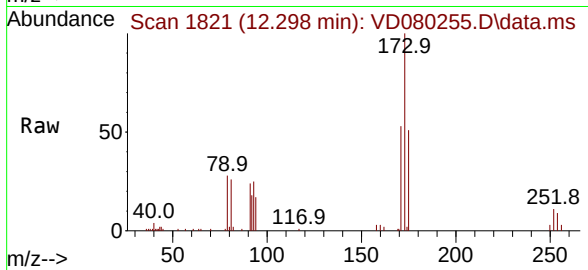
Tgt Ion:104 Resp: 274544
Ion Ratio Lower Upper
104 100
78 51.4 40.7 61.1
103 57.4 45.0 67.4





#71
Bromoform
Concen: 51.827 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

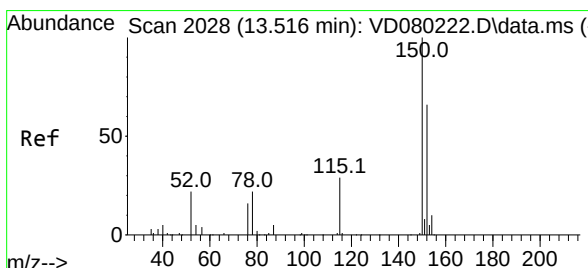
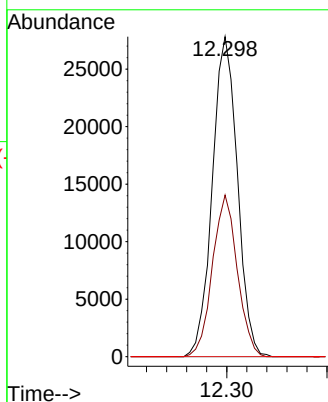
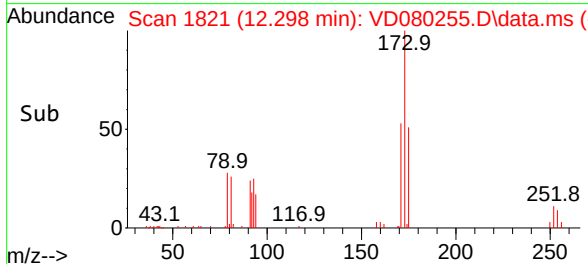
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 48269
Ion Ratio Lower Upper
173 100
175 50.1 23.4 70.0
254 0.0 0.0 0.0

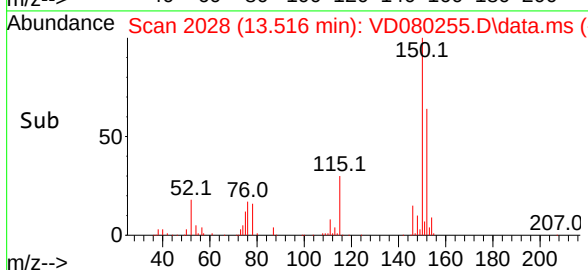
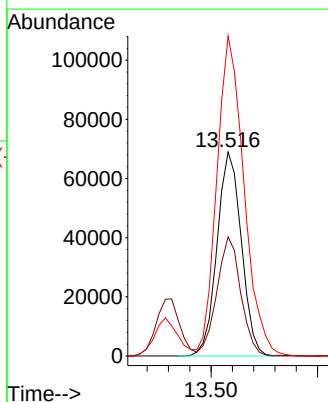
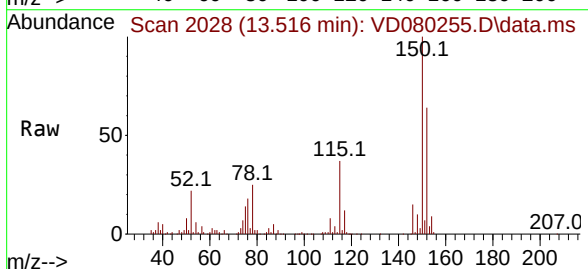
Manual Integrations
APPROVED

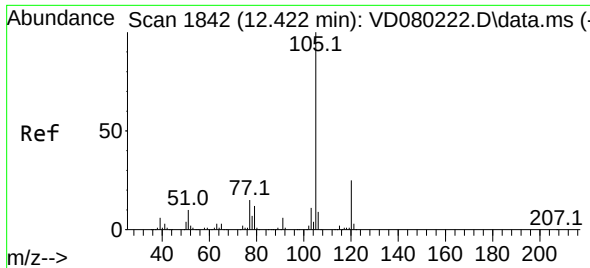
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

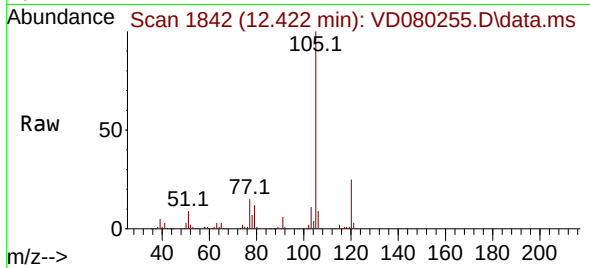
Tgt Ion:152 Resp: 109172
Ion Ratio Lower Upper
152 100
115 57.4 30.0 90.1
150 174.9 0.0 350.4





#73
Isopropylbenzene
Concen: 55.059 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

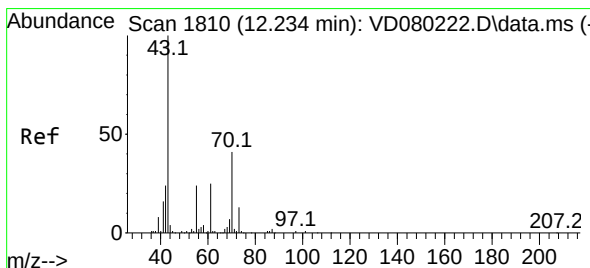
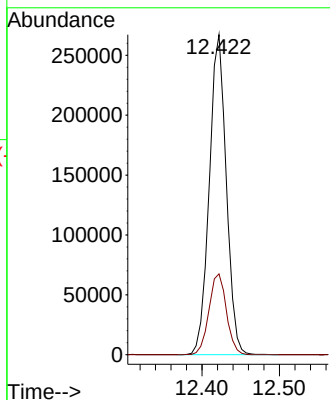
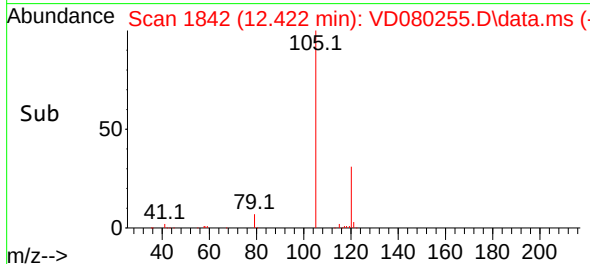
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 406572
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

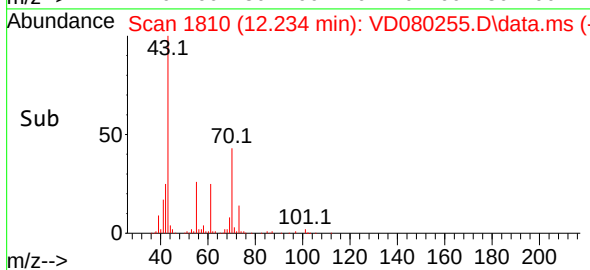
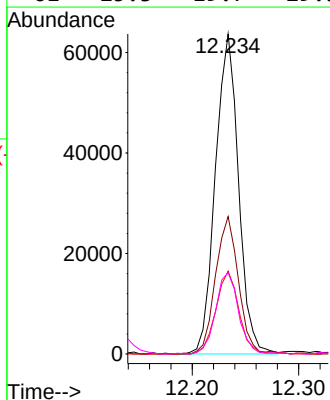
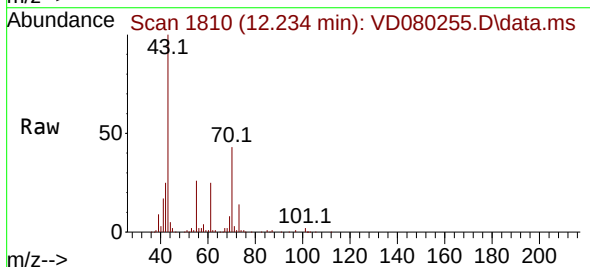
Manual Integrations
APPROVED

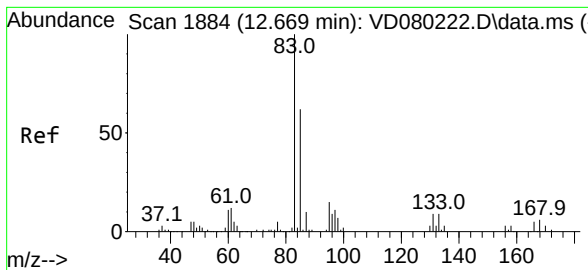
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#74
N-ethyl acetate
Concen: 49.397 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

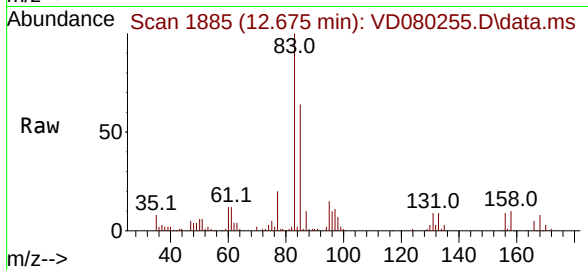
Tgt Ion: 43 Resp: 95883
Ion Ratio Lower Upper
43 100
70 42.6 33.6 50.4
55 25.9 21.4 32.0
61 25.3 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 49.093 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

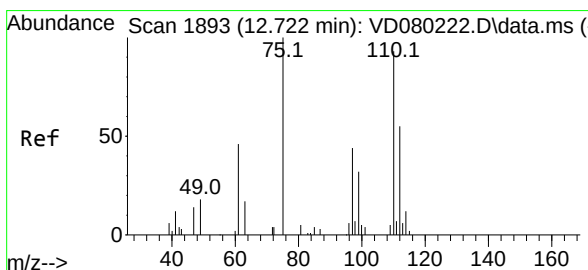
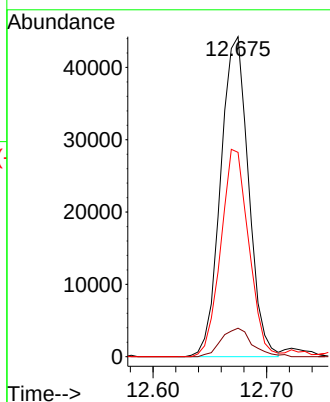
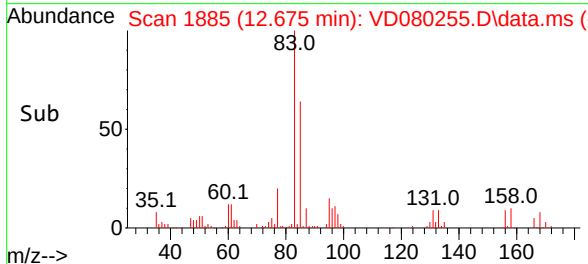
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 75436
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 65.0 32.4 97.0

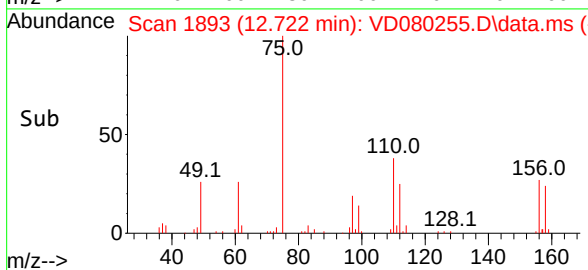
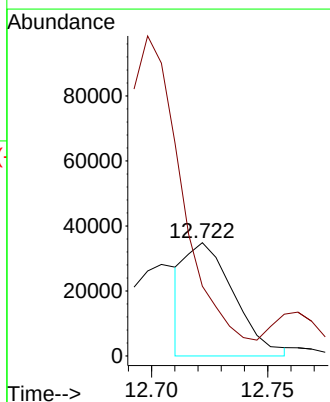
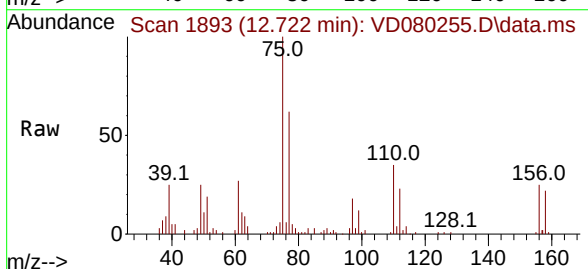
Manual Integrations
APPROVED

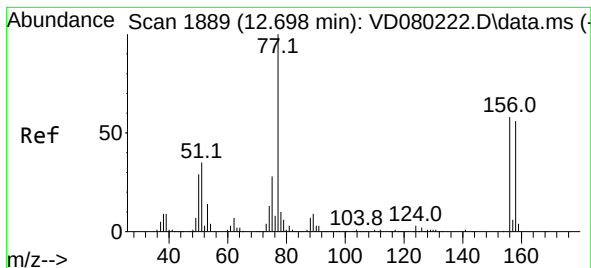
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#76
1,2,3-Trichloropropane
Concen: 45.899 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Tgt Ion: 75 Resp: 50685
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.326 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

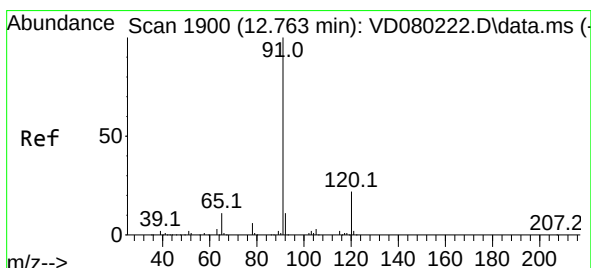
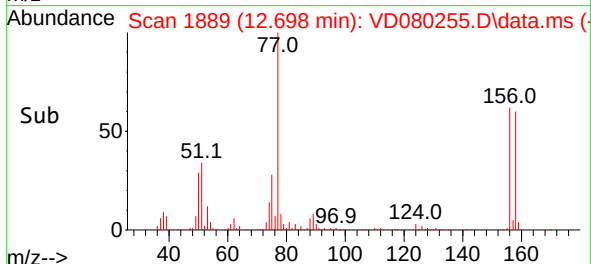
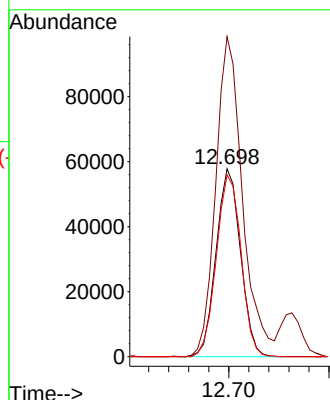
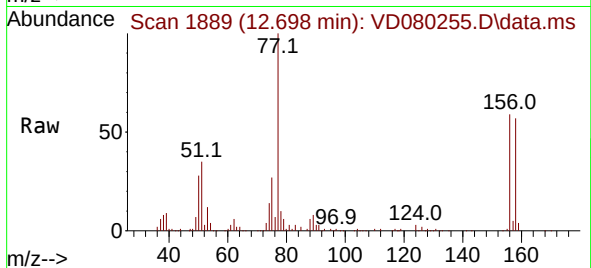
VSTDCCC050

Tgt Ion:	156	Resp:	97762
Ion Ratio	Lower	Upper	
156	100		
77	186.5	95.2	285.4
158	97.7	47.8	143.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#78

n-propylbenzene

Concen: 55.250 ug/l

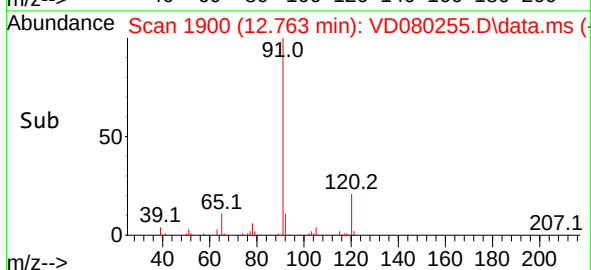
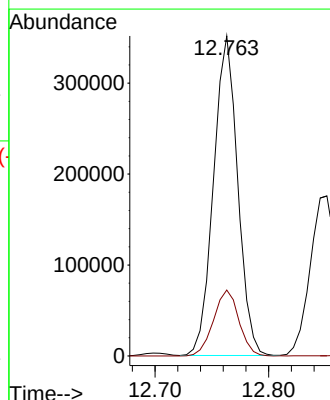
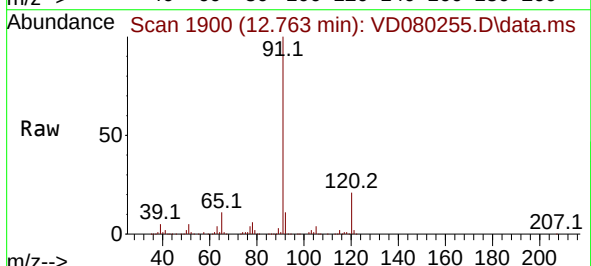
RT: 12.763 min Scan# 1900

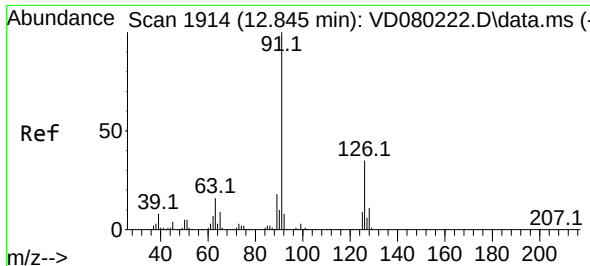
Delta R.T. -0.000 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Tgt Ion:	91	Resp:	519443
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.0	33.0





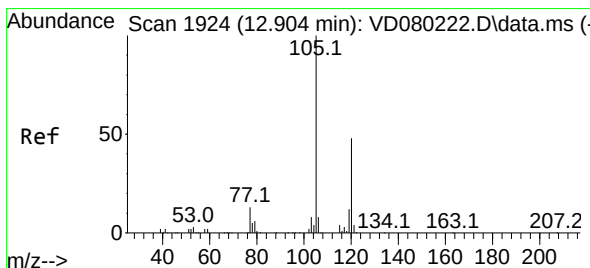
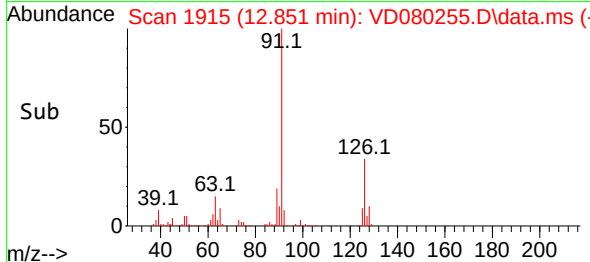
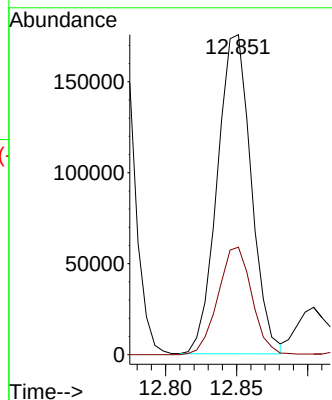
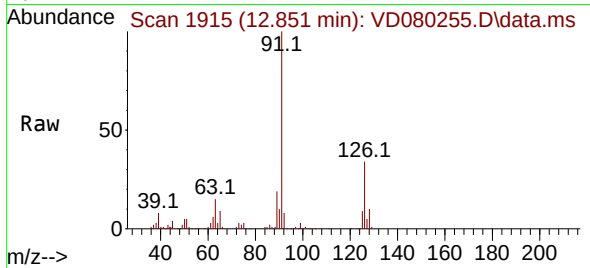
#79
2-Chlorotoluene
Concen: 54.629 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 29178
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4

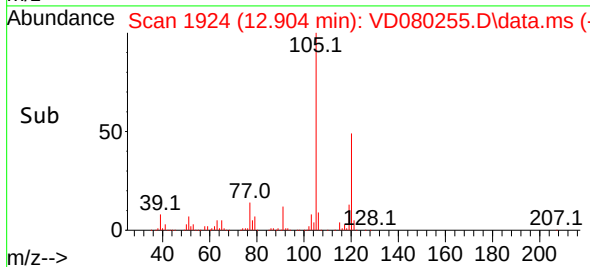
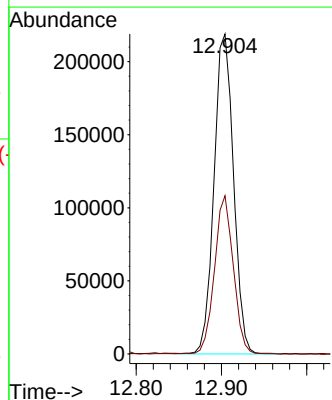
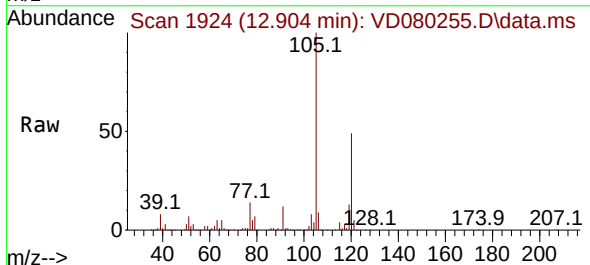
Manual Integrations
APPROVED

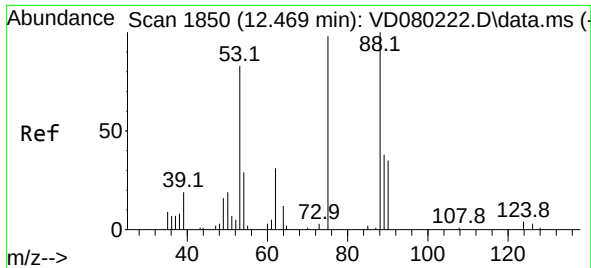
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.384 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Tgt Ion:105 Resp: 348203
Ion Ratio Lower Upper
105 100
120 47.8 23.5 70.5





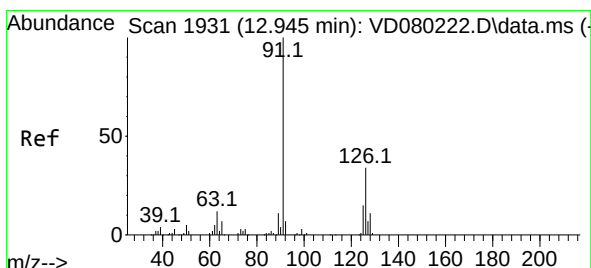
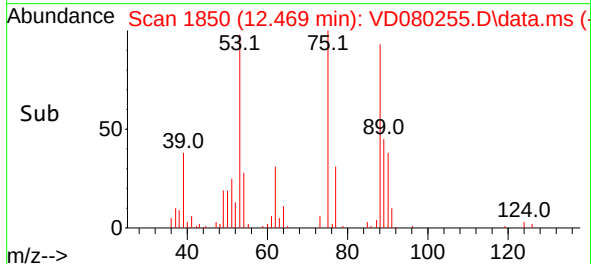
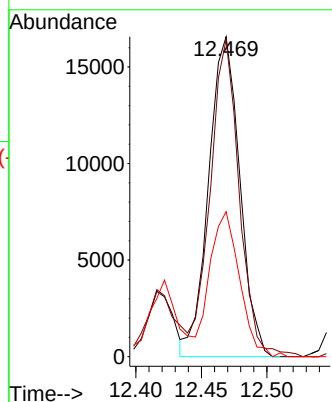
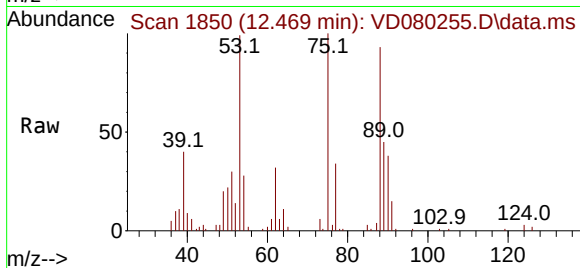
#81
trans-1,4-Dichloro-2-butene
Concen: 50.584 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2731
Ion Ratio Lower Upper
75 100
53 92.4 69.1 103.7
89 43.2 36.5 54.7

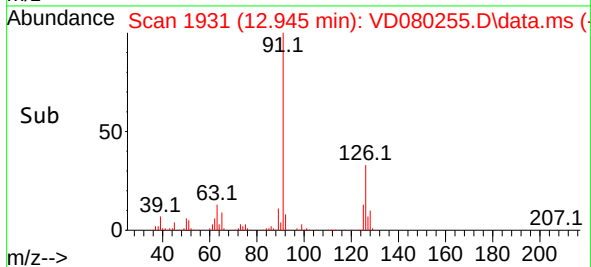
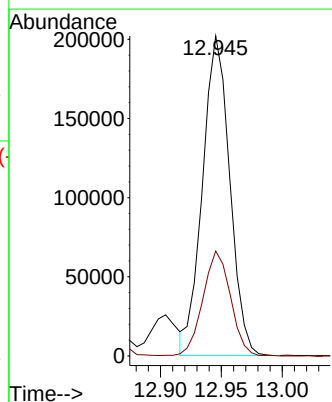
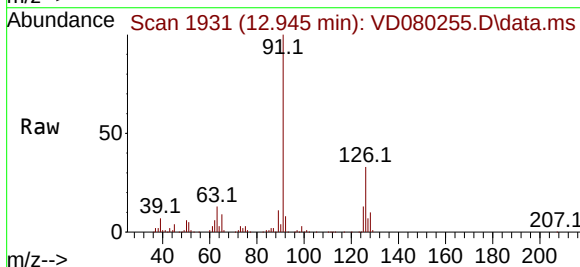
Manual Integrations
APPROVED

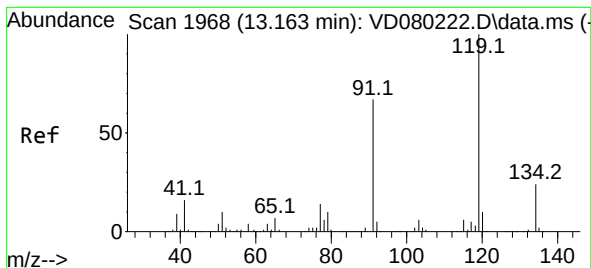
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#82
4-Chlorotoluene
Concen: 55.375 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

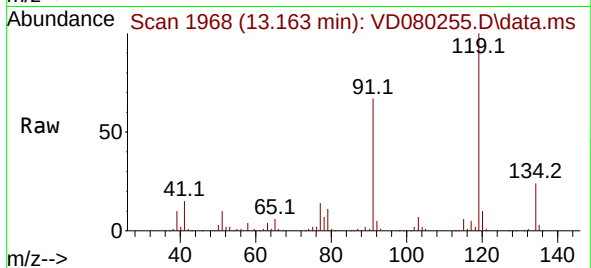
Tgt Ion: 91 Resp: 314308
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6





#83
tert-Butylbenzene
Concen: 58.949 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

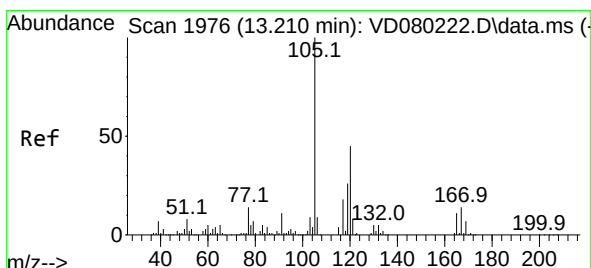
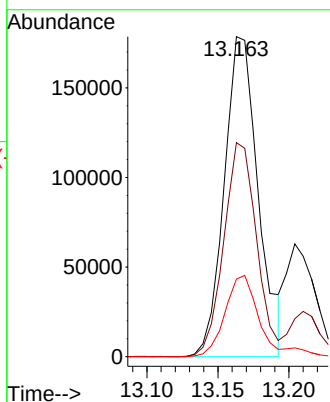
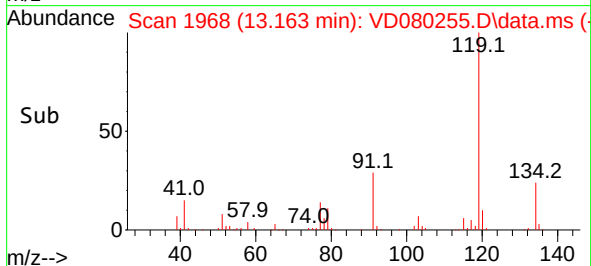
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



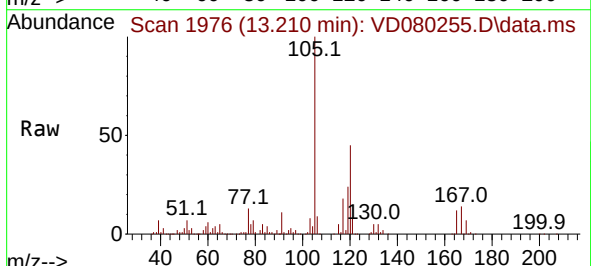
Tgt Ion:119 Resp: 297612
Ion Ratio Lower Upper
119 100
91 64.5 34.5 103.5
134 26.0 13.0 38.9

Manual Integrations
APPROVED

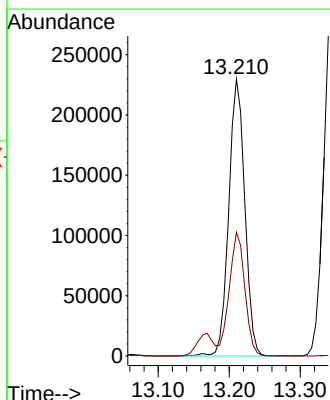
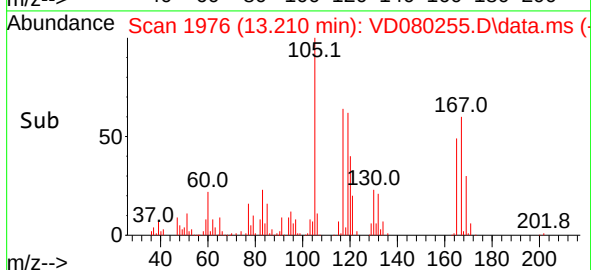
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

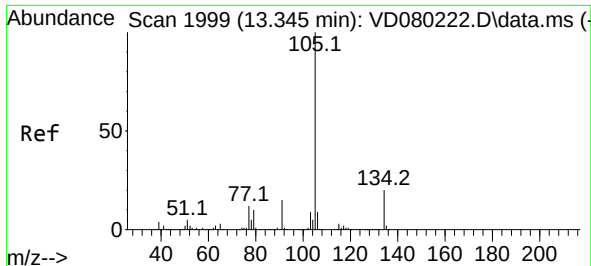


#84
1,2,4-Trimethylbenzene
Concen: 57.252 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



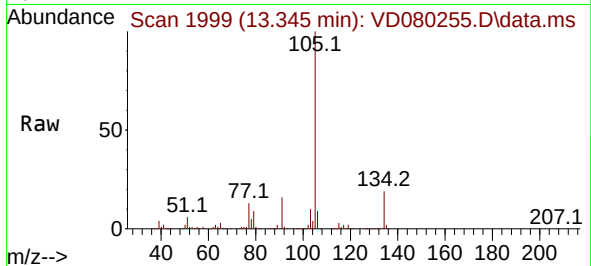
Tgt Ion:105 Resp: 359878
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 58.946 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07

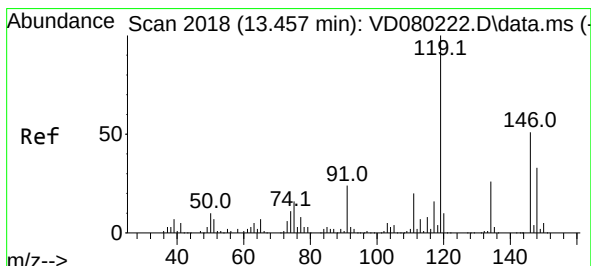
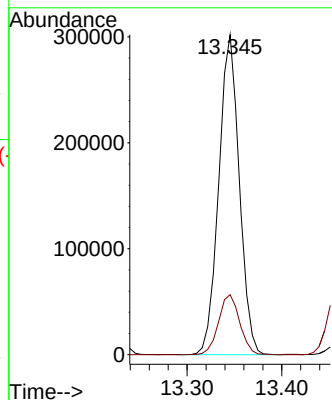
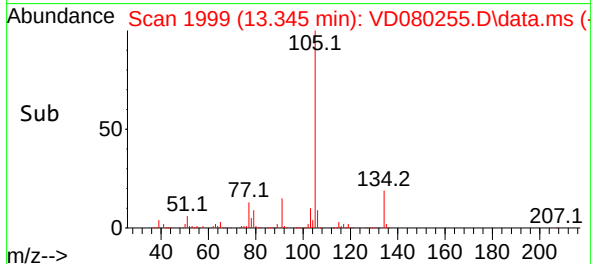
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



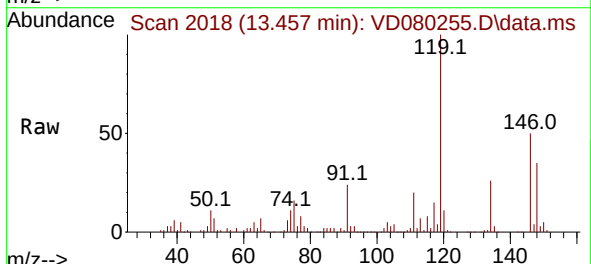
Tgt Ion:105 Resp: 455018
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

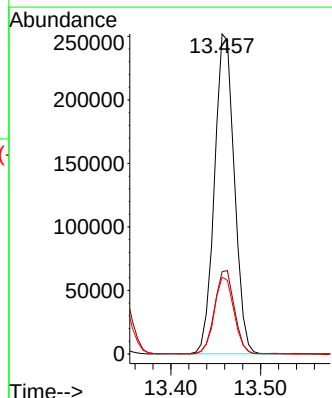
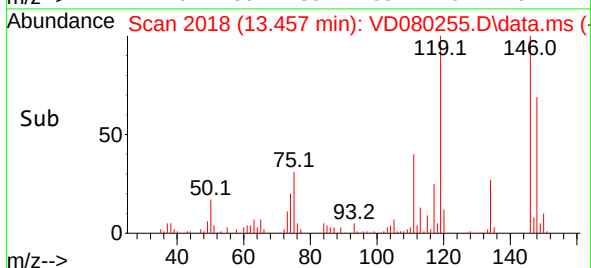
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

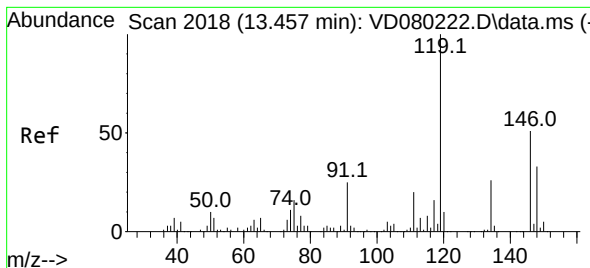


#86
 p-Isopropyltoluene
 Concen: 58.556 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080255.D
 Acq: 07 Feb 2025 11:07



Tgt Ion:119 Resp: 385965
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.397 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 204078

Ion Ratio Lower Upper

146 100

111 39.4 20.5 61.6

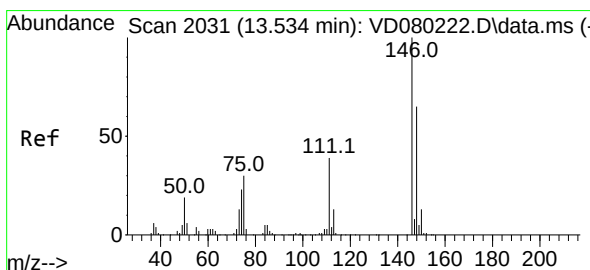
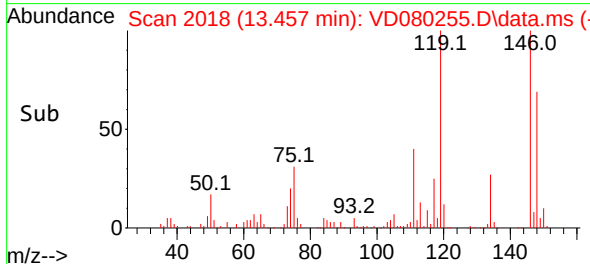
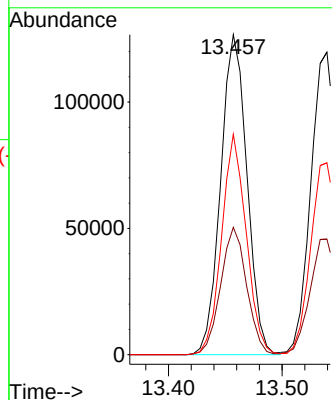
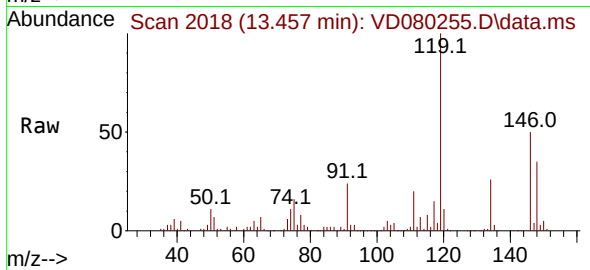
148 64.4 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#88

1,4-Dichlorobenzene

Concen: 52.891 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD080255.D

Acq: 07 Feb 2025 11:07

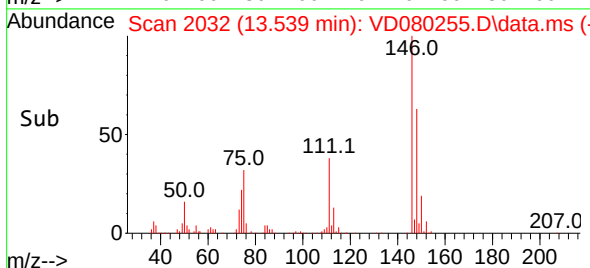
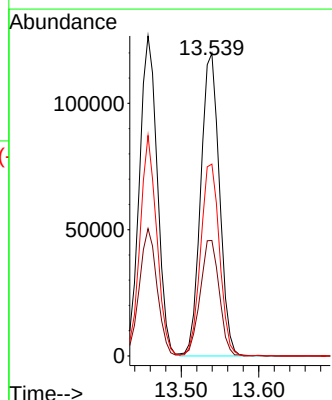
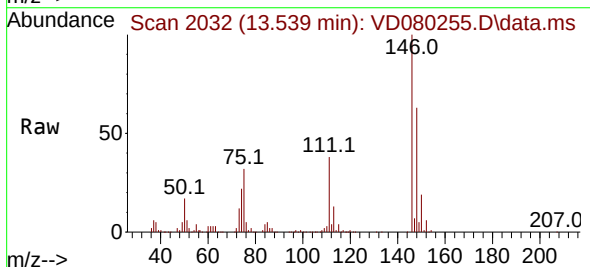
Tgt Ion:146 Resp: 200834

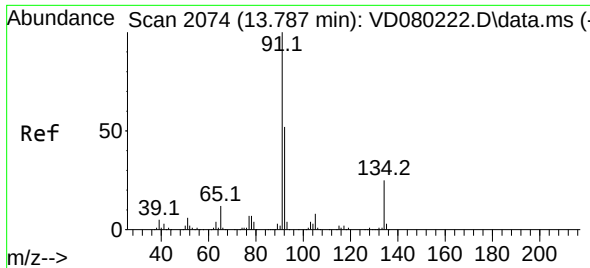
Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

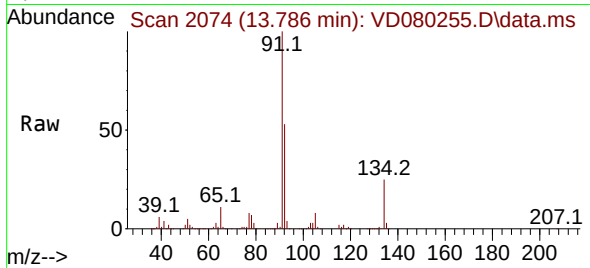
148 64.0 32.3 96.8





#89
n-Butylbenzene
Concen: 58.691 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

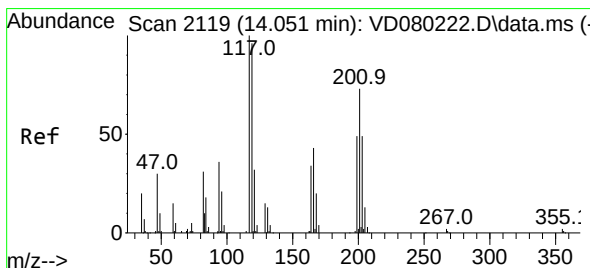
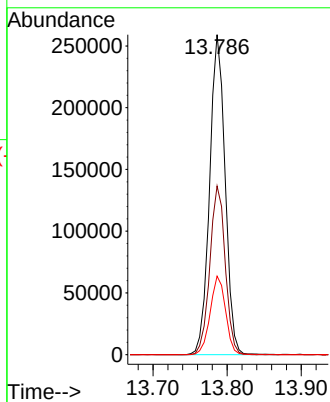
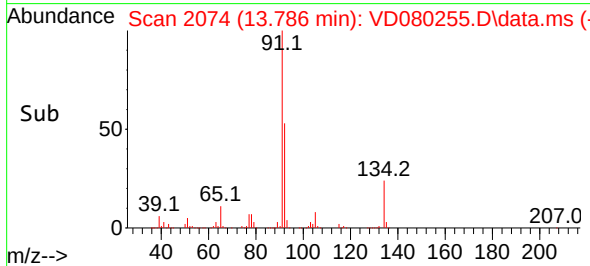
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 37592
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.2
134 24.4 12.4 37.0

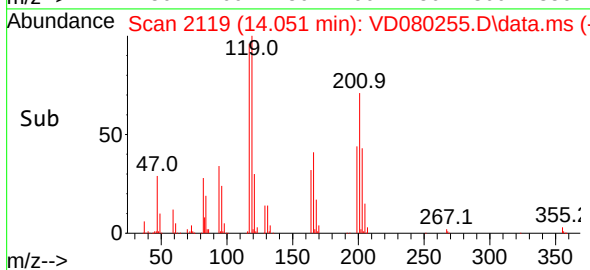
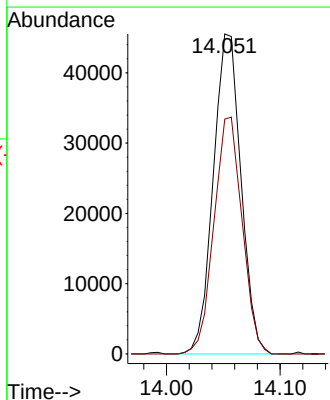
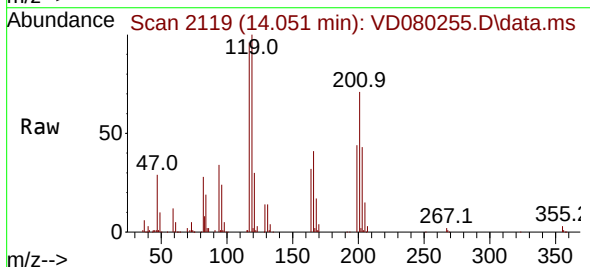
Manual Integrations
APPROVED

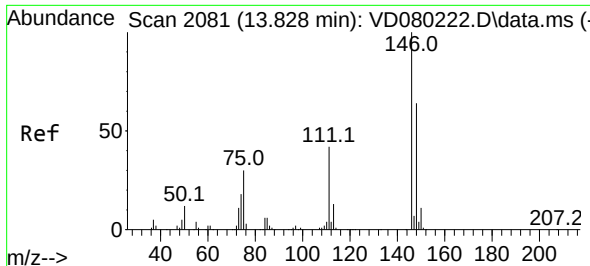
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#90
Hexachloroethane
Concen: 52.691 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

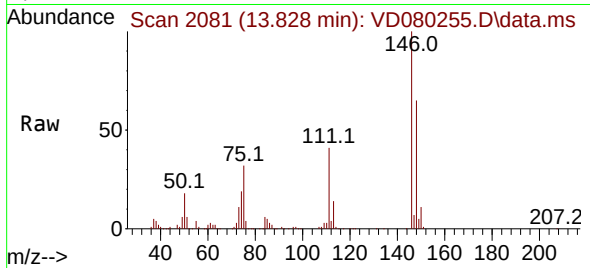
Tgt Ion:117 Resp: 77188
Ion Ratio Lower Upper
117 100
201 75.2 36.0 108.0





#91
1,2-Dichlorobenzene
Concen: 53.071 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

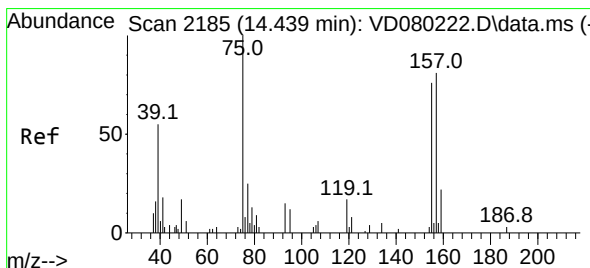
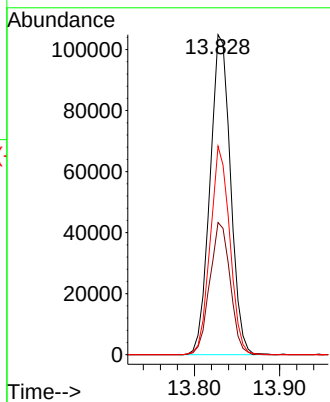
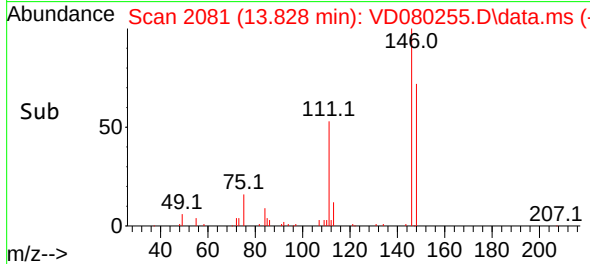
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



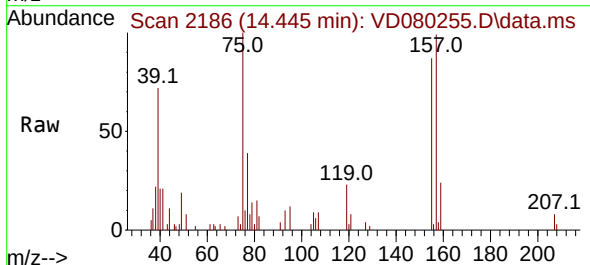
Tgt Ion:146 Resp: 175430
Ion Ratio Lower Upper
146 100
111 41.1 21.0 63.0
148 62.1 32.5 97.5

Manual Integrations
APPROVED

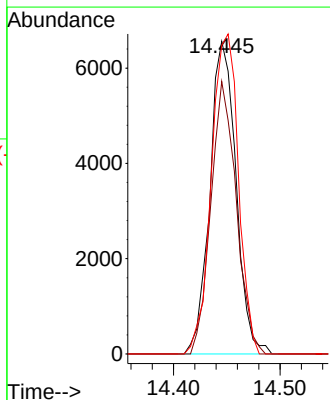
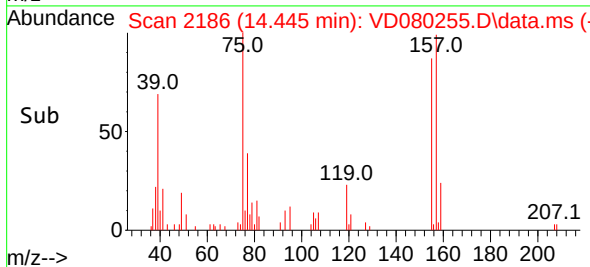
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

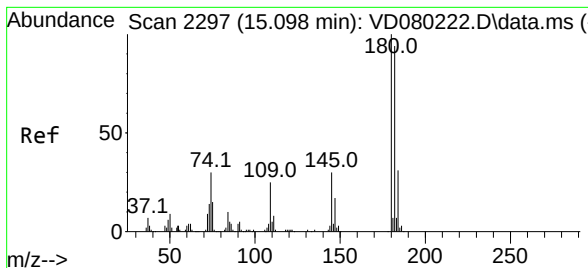


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.576 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07



Tgt Ion: 75 Resp: 11142
Ion Ratio Lower Upper
75 100
155 84.9 41.5 124.6
157 106.1 50.5 151.5





#93

1,2,4-Trichlorobenzene

Concen: 52.372 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD080255.D

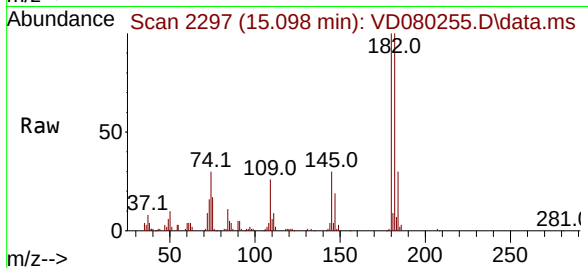
Acq: 07 Feb 2025 11:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



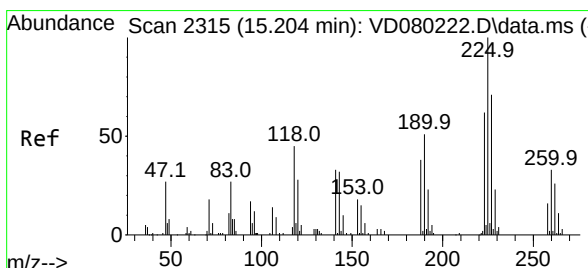
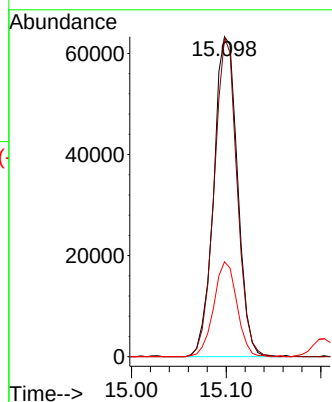
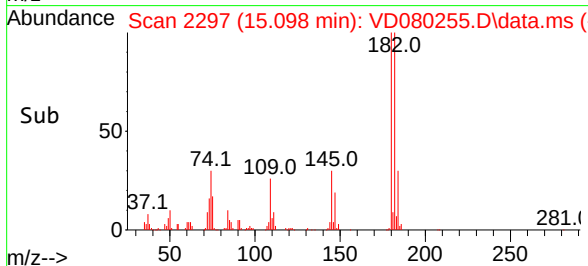
Tgt Ion:180 Resp: 11035

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	29.0	14.6	44.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#94

Hexachlorobutadiene

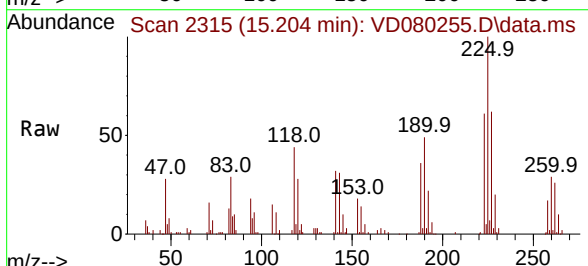
Concen: 53.728 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

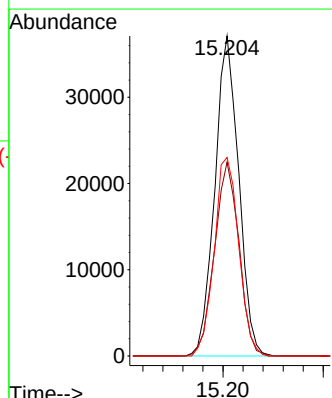
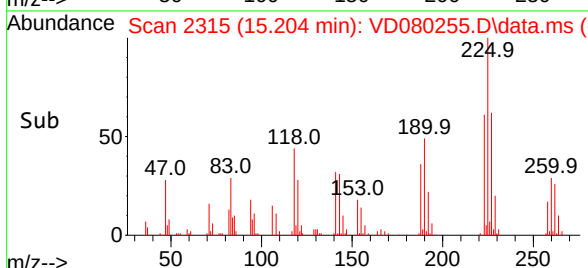
Lab File: VD080255.D

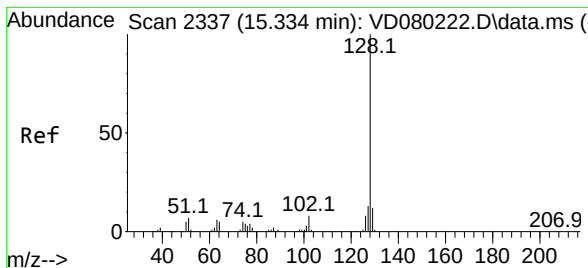
Acq: 07 Feb 2025 11:07



Tgt Ion:225 Resp: 61316

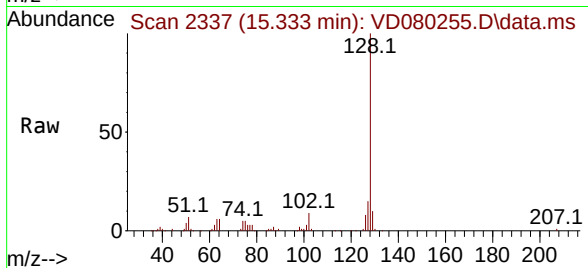
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.8
227	63.8	32.4	97.2





#95
Naphthalene
Concen: 50.831 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

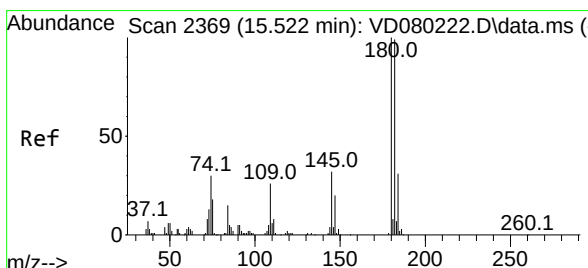
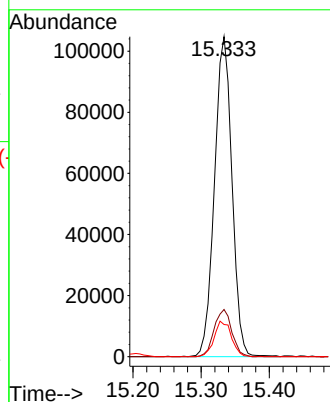
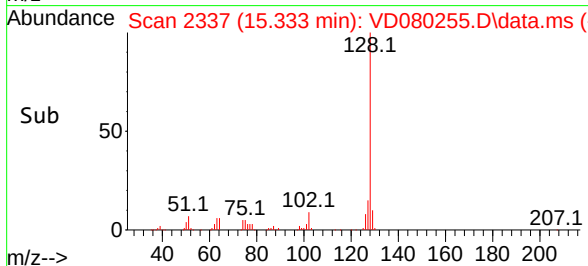
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 18730
Ion Ratio Lower Upper
128 100
127 14.7 10.6 15.8
129 10.0 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.325 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080255.D
Acq: 07 Feb 2025 11:07

Tgt Ion:180 Resp: 97600
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 31.3 15.6 46.7

