

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080228.D
 Acq On : 03 Feb 2025 16:05
 Operator : RP/MD
 Sample : VD0203SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Quant Time: Feb 04 06:08:35 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 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	211546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69078	45.507	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.020%		
35) Dibromofluoromethane	7.805	113	65513	43.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.400%		
50) Toluene-d8	10.269	98	291361	52.403	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.800%		
62) 4-Bromofluorobenzene	12.575	95	93022	52.143	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	34244	27.785	ug/l	94
3) Chloromethane	2.152	50	58446	24.043	ug/l	94
4) Vinyl Chloride	2.287	62	68939	23.442	ug/l	99
5) Bromomethane	2.687	94	44094	21.727	ug/l	97
6) Chloroethane	2.834	64	43618	22.268	ug/l	94
7) Trichlorofluoromethane	3.169	101	52369	21.488	ug/l	98
8) Diethyl Ether	3.599	74	12235	18.351	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	30853	21.870	ug/l	99
10) Methyl Iodide	4.164	142	26172	25.267	ug/l	99
11) Tert butyl alcohol	5.069	59	7260	86.583	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	27943	20.910	ug/l #	73
13) Acrolein	3.799	56	14071	89.000	ug/l	98
14) Allyl chloride	4.558	41	42107	20.446	ug/l	98
15) Acrylonitrile	5.263	53	30613	95.571	ug/l	98
16) Acetone	4.022	43	23914	97.751	ug/l	94
17) Carbon Disulfide	4.275	76	100336	20.818	ug/l	98
18) Methyl Acetate	4.564	43	15060	18.244	ug/l	95
19) Methyl tert-butyl Ether	5.328	73	54906	18.663	ug/l	94
20) Methylene Chloride	4.799	84	31452	18.945	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	31556	20.786	ug/l	89
22) Diisopropyl ether	6.222	45	91138	21.265	ug/l	97
23) Vinyl Acetate	6.158	43	245169	99.084	ug/l	99
24) 1,1-Dichloroethane	6.116	63	56398	20.074	ug/l	95
25) 2-Butanone	7.087	43	32977	86.906	ug/l	96
26) 2,2-Dichloropropane	7.075	77	49970	20.506	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	33517	19.542	ug/l	99
28) Bromochloromethane	7.422	49	27492	21.443	ug/l	100
29) Tetrahydrofuran	7.446	42	22232	89.452	ug/l	98
30) Chloroform	7.599	83	57996	20.191	ug/l	99
31) Cyclohexane	7.875	56	44742	19.894	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	50762	21.123	ug/l	97
36) 1,1-Dichloropropene	8.010	75	40816	19.007	ug/l	99
37) Ethyl Acetate	7.175	43	17097	16.236	ug/l	95
38) Carbon Tetrachloride	7.993	117	43354	19.328	ug/l	87
39) Methylcyclohexane	9.275	83	48737	20.890	ug/l	94
40) Benzene	8.252	78	120691	17.930	ug/l	99

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 Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9818m	16.939	ug/l	
42) 1,2-Dichloroethane	8.328	62	34018	17.760	ug/l	88
43) Isopropyl Acetate	8.363	43	29742	15.915	ug/l	94
44) Trichloroethene	9.028	130	31982	20.567	ug/l	92
45) 1,2-Dichloropropane	9.304	63	34849	20.583	ug/l	90
46) Dibromomethane	9.393	93	18360	19.464	ug/l	97
47) Bromodichloromethane	9.587	83	47372	19.915	ug/l	96
48) Methyl methacrylate	9.381	41	16302	18.850	ug/l	91
49) 1,4-Dioxane	9.393	88	3510	342.059	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	88780	93.947	ug/l	98
52) Toluene	10.334	92	82820	21.035	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	40232	19.840	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	50642	20.531	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	23062	18.816	ug/l	87
56) Ethyl methacrylate	10.598	69	25661	18.349	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38891	19.185	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	51362	86.051	ug/l	98
59) 2-Hexanone	10.922	43	56921	91.792	ug/l	99
60) Dibromochloromethane	11.075	129	31045	20.550	ug/l	98
61) 1,2-Dibromoethane	11.175	107	20807	18.641	ug/l	99
64) Tetrachloroethene	10.810	164	28243	20.912	ug/l	98
65) Chlorobenzene	11.610	112	88249	19.913	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29747	19.188	ug/l	95
67) Ethyl Benzene	11.687	91	147761	20.043	ug/l	98
68) m/p-Xylenes	11.793	106	117524	41.064	ug/l	99
69) o-Xylene	12.122	106	51031	19.553	ug/l	97
70) Styrene	12.134	104	92293	19.867	ug/l	99
71) Bromoform	12.298	173	16331	17.869	ug/l #	94
73) Isopropylbenzene	12.422	105	133722	19.362	ug/l	98
74) N-amyl acetate	12.234	43	33726	18.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	27374	19.047	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	19407m	18.790	ug/l	
77) Bromobenzene	12.698	156	35098	19.702	ug/l	96
78) n-propylbenzene	12.763	91	175227	19.927	ug/l	99
79) 2-Chlorotoluene	12.851	91	101821	20.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	117491	20.341	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9792	19.387	ug/l	95
82) 4-Chlorotoluene	12.945	91	110051	20.730	ug/l	99
83) tert-Butylbenzene	13.169	119	96774	20.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	118202	20.105	ug/l	99
85) sec-Butylbenzene	13.345	105	151502	20.984	ug/l	100
86) p-Isopropyltoluene	13.463	119	123057	19.961	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	72067	20.539	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70767	19.926	ug/l	99
89) n-Butylbenzene	13.787	91	116857	19.506	ug/l	100
90) Hexachloroethane	14.051	117	27131	19.802	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	60070	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4114	17.992	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	30655	15.554	ug/l	99
94) Hexachlorobutadiene	15.204	225	18193	17.045	ug/l	98
95) Naphthalene	15.334	128	49028	15.982	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27292	15.345	ug/l	99

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Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Manual Integrations
APPROVED

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

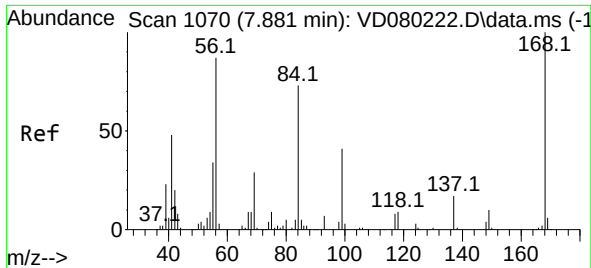
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

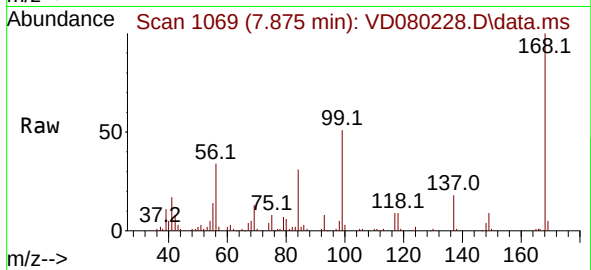
Quant Time: Feb 04 06:08:35 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

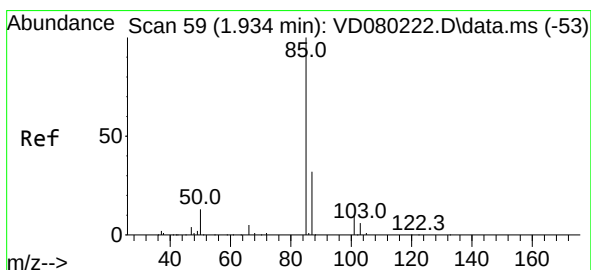
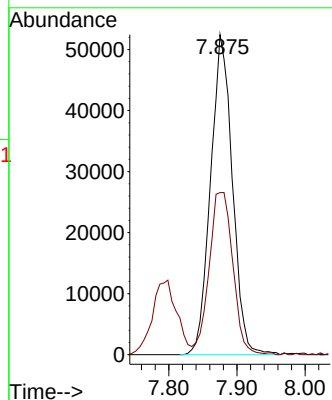
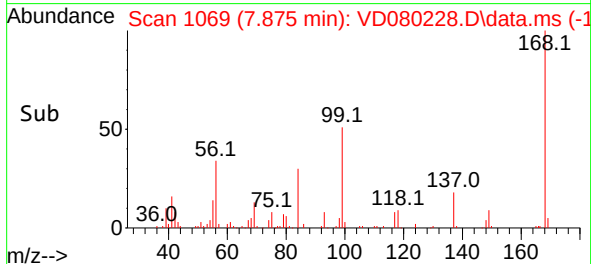
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion:168 Resp: 11669
Ion Ratio Lower Upper
168 100
99 50.6 44.4 66.6

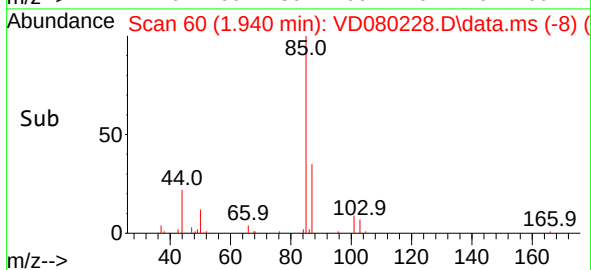
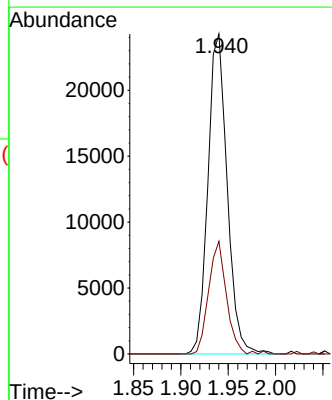
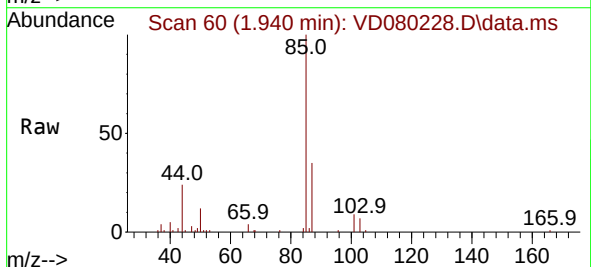
Manual Integrations
APPROVED

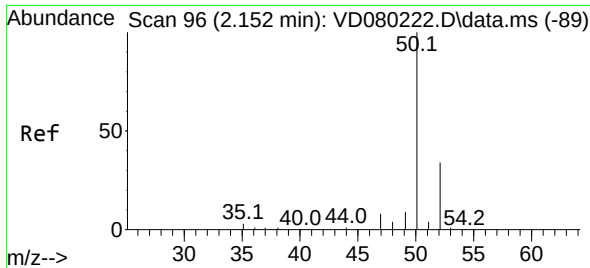
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#2
Dichlorodifluoromethane
Concen: 27.785 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

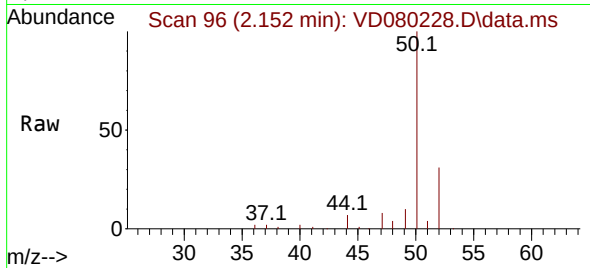
Tgt Ion: 85 Resp: 34244
Ion Ratio Lower Upper
85 100
87 35.2 16.0 47.9





#3
Chloromethane
Concen: 24.043 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

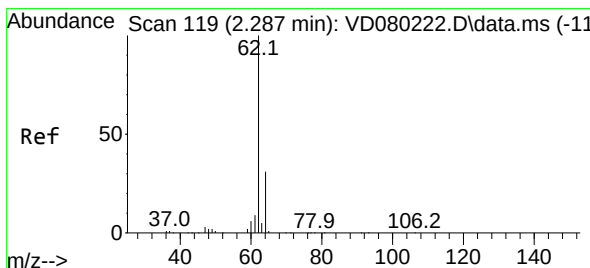
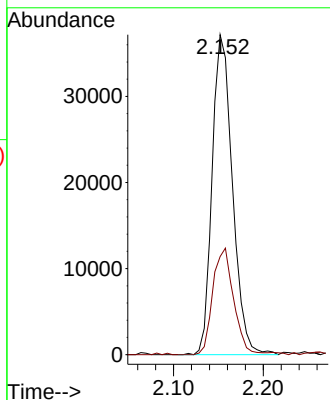
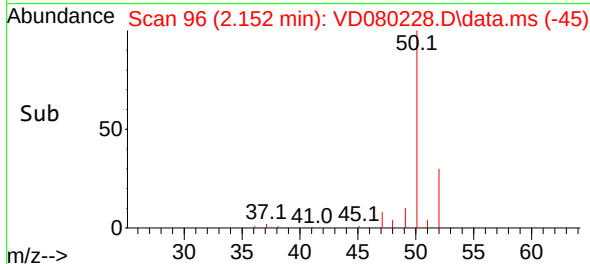
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



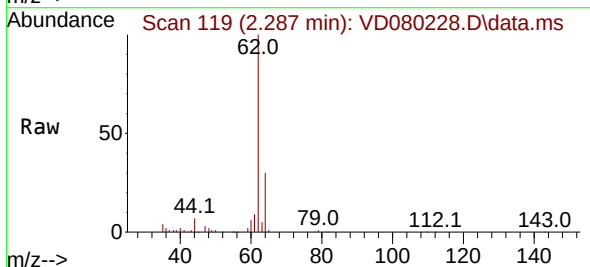
Tgt Ion: 50 Resp: 58440
Ion Ratio Lower Upper
50 100
52 30.7 27.2 40.8

Manual Integrations
APPROVED

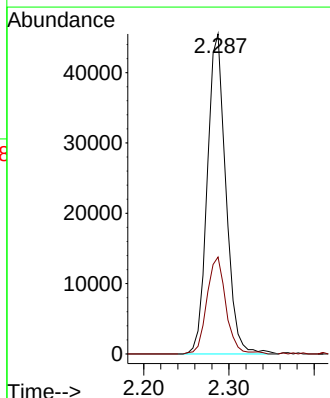
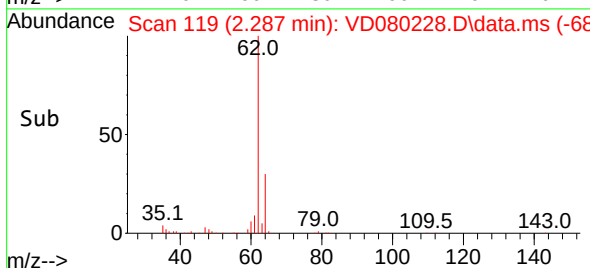
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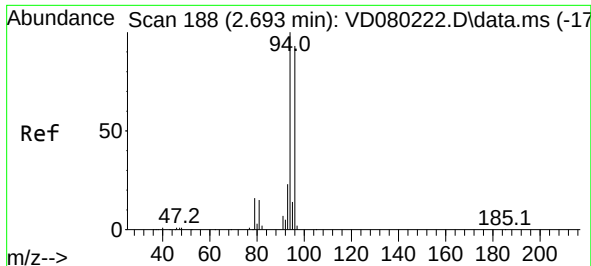


#4
Vinyl Chloride
Concen: 23.442 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion: 62 Resp: 68939
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2





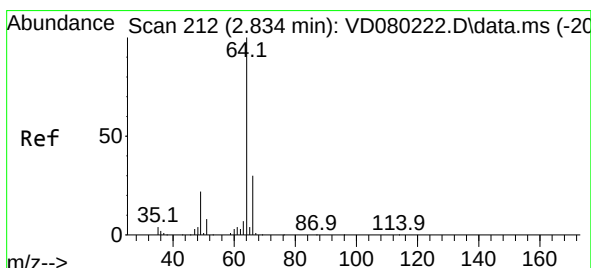
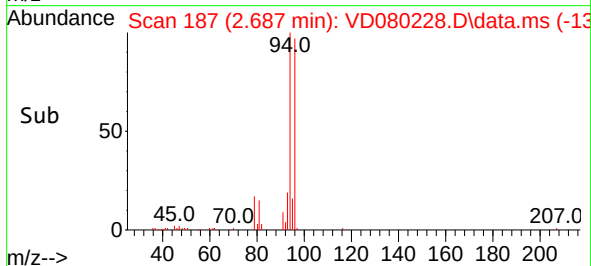
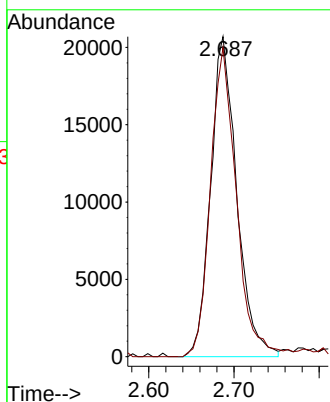
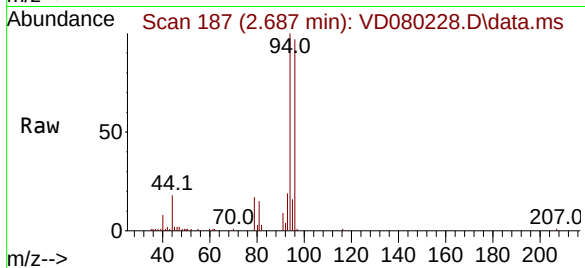
#5
Bromomethane
Concen: 21.727 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion: 94 Resp: 44094
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6

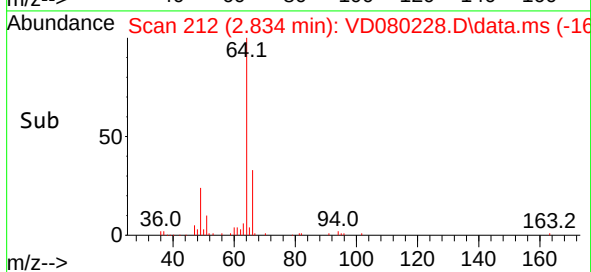
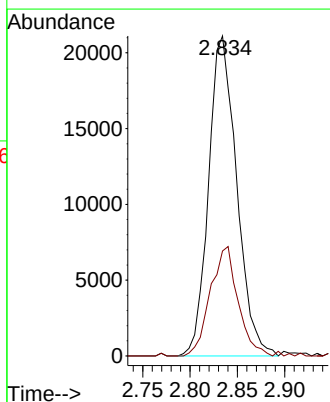
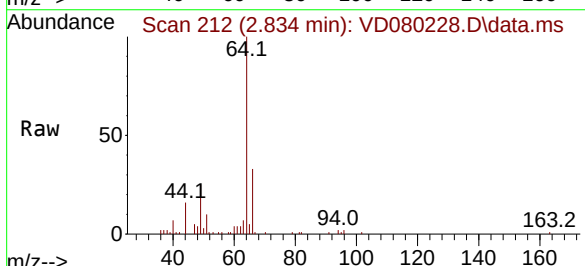
Manual Integrations
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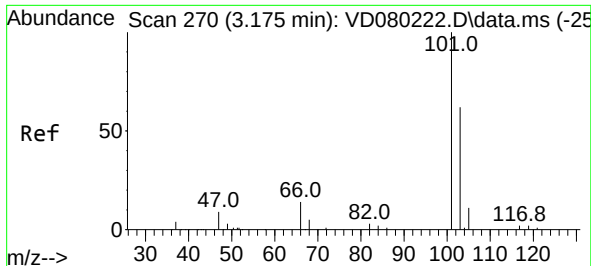
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#6
Chloroethane
Concen: 22.268 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 64 Resp: 43618
Ion Ratio Lower Upper
64 100
66 32.8 23.8 35.8





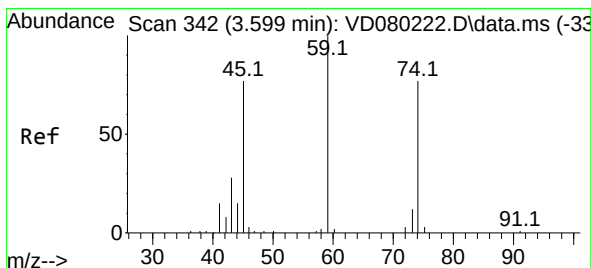
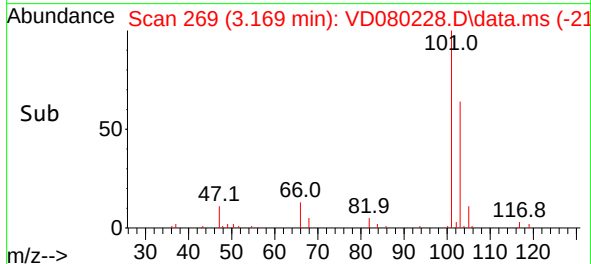
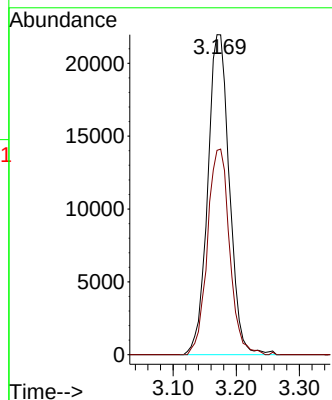
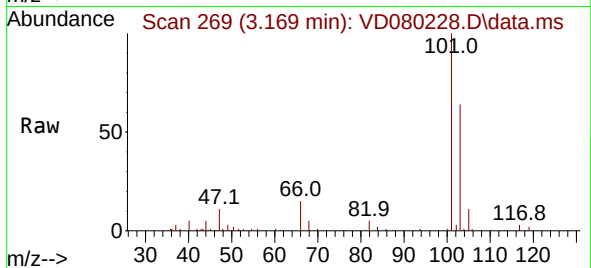
#7
Trichlorofluoromethane
Concen: 21.488 ug/l
RT: 3.169 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:101 Resp: 52369
Ion Ratio Lower Upper
101 100
103 63.8 49.9 74.9

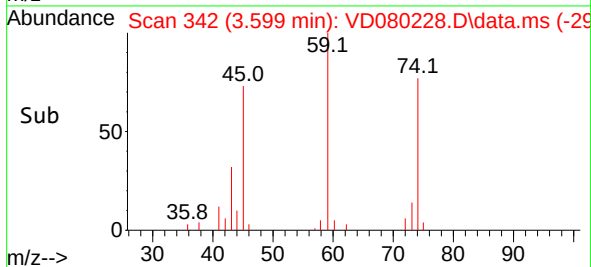
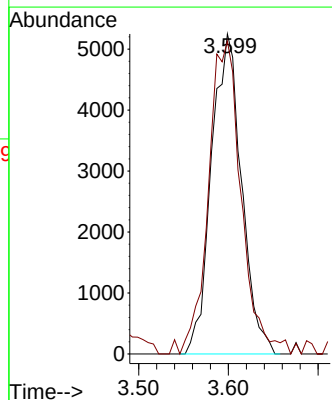
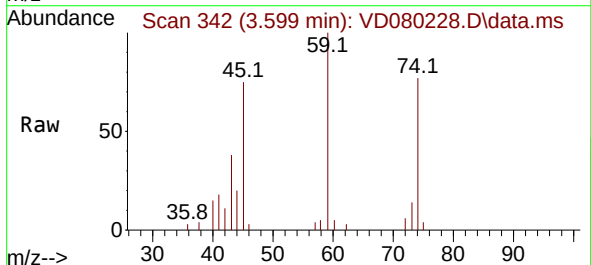
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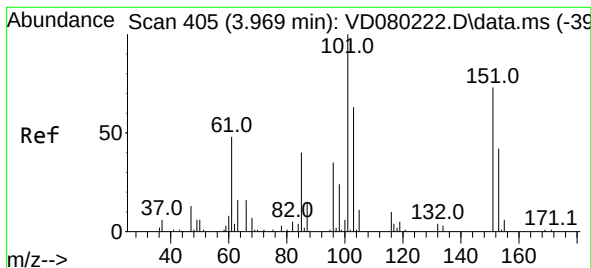
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#8
Diethyl Ether
Concen: 18.351 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

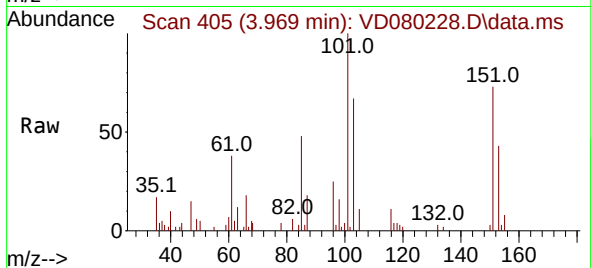
Tgt Ion: 74 Resp: 12235
Ion Ratio Lower Upper
74 100
45 106.4 51.0 153.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.870 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

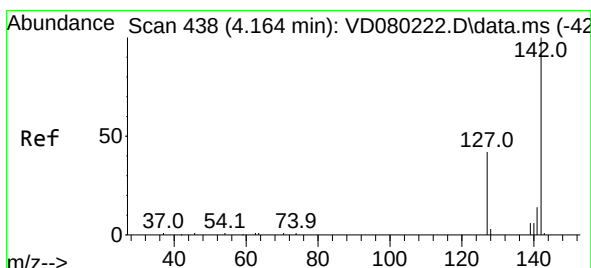
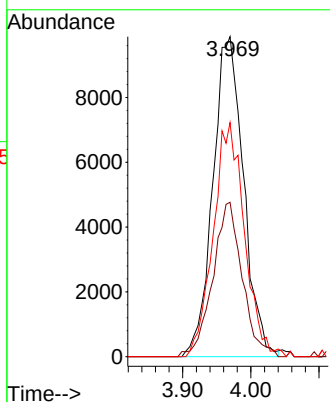
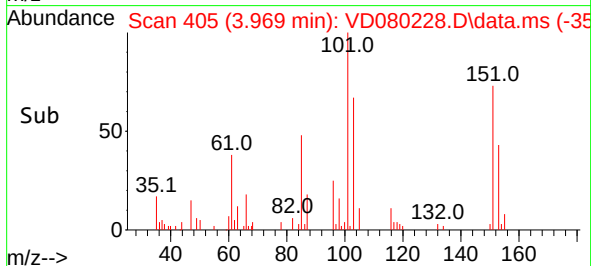
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



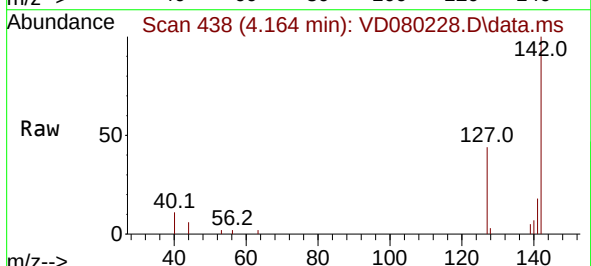
Tgt Ion:101 Resp: 3085
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.4
151 74.5 59.0 88.6

Manual Integrations
APPROVED

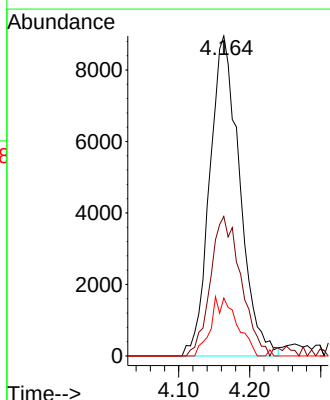
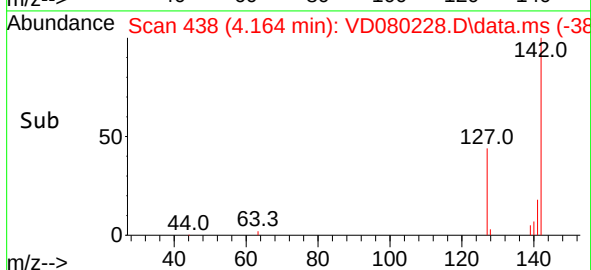
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

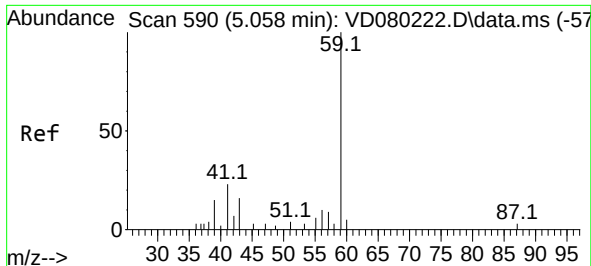


#10
Methyl Iodide
Concen: 25.267 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



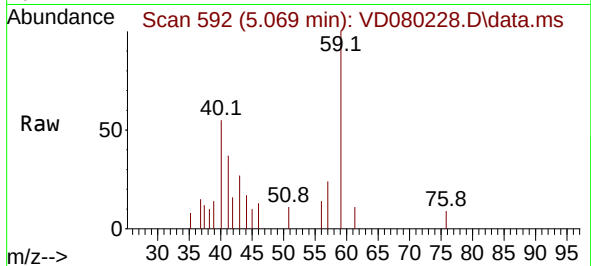
Tgt Ion:142 Resp: 26172
Ion Ratio Lower Upper
142 100
127 44.5 35.4 53.2
141 16.2 12.6 18.8





#11
Tert butyl alcohol
Concen: 86.583 ug/l
RT: 5.069 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

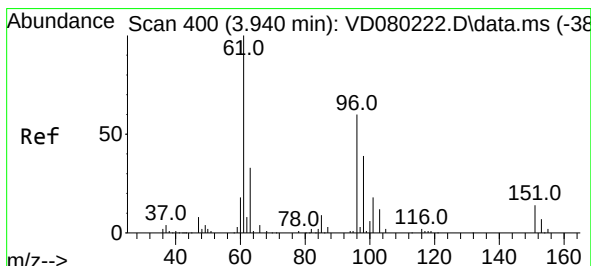
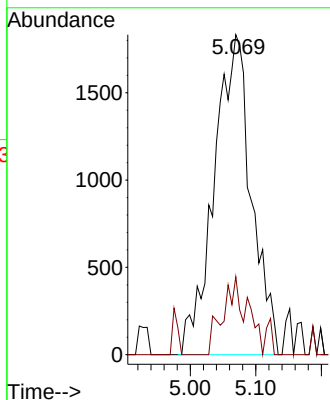
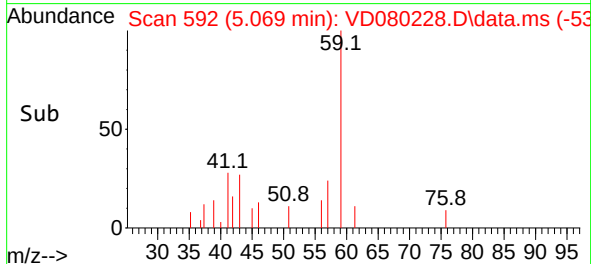
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



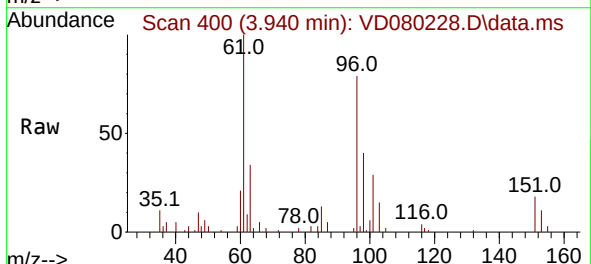
Tgt Ion: 59 Resp: 7260
Ion Ratio Lower Upper
59 100
57 11.4 7.2 10.8

Manual Integrations
APPROVED

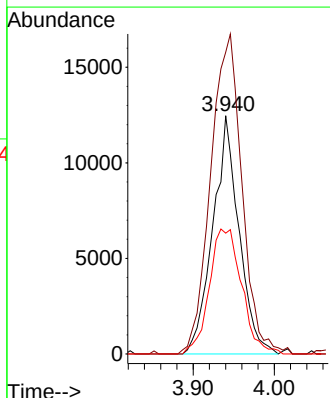
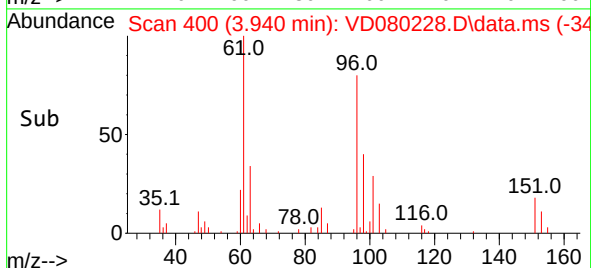
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

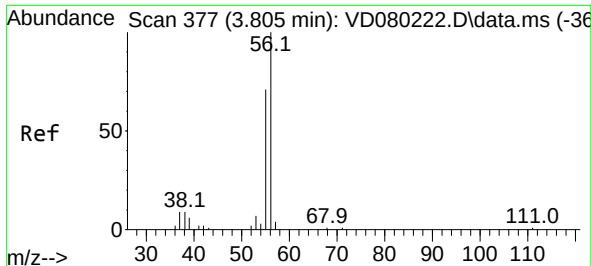


#12
1,1-Dichloroethene
Concen: 20.910 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



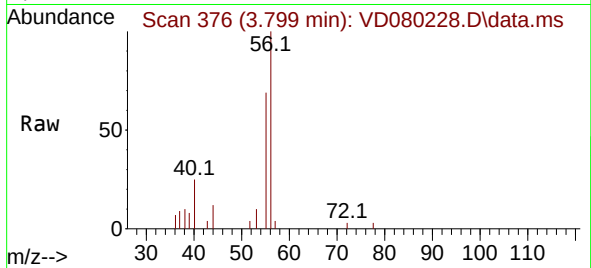
Tgt Ion: 96 Resp: 27943
Ion Ratio Lower Upper
96 100
61 126.7 133.8 200.6#
98 50.7 52.2 78.2#





#13
Acrolein
Concen: 89.000 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

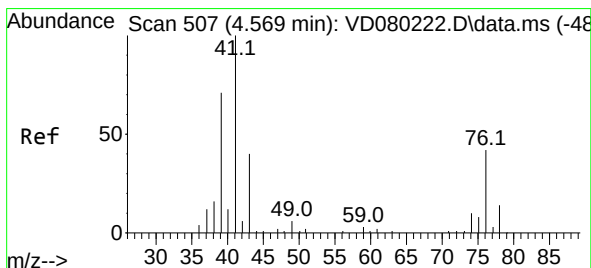
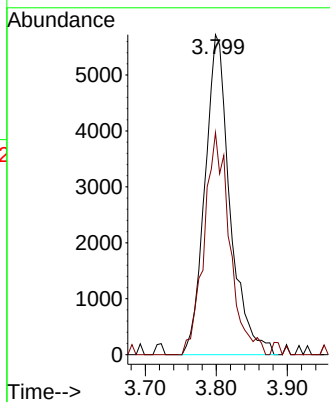
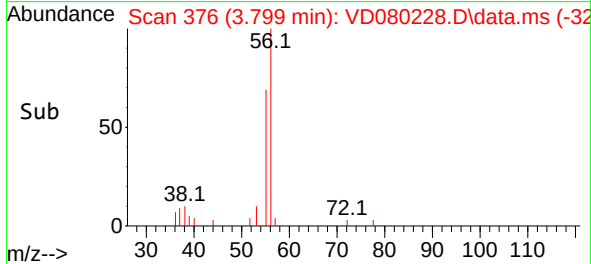
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 56 Resp: 1407
Ion Ratio Lower Upper
56 100
55 70.6 57.8 86.8

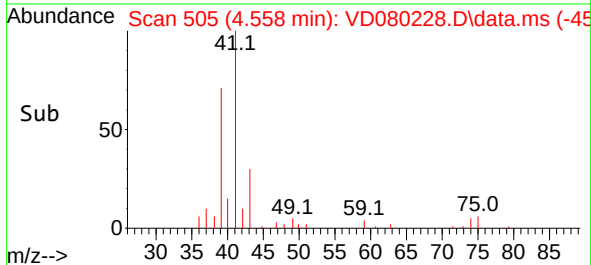
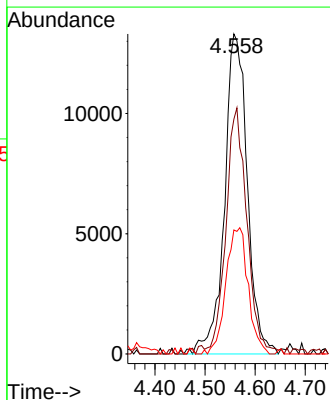
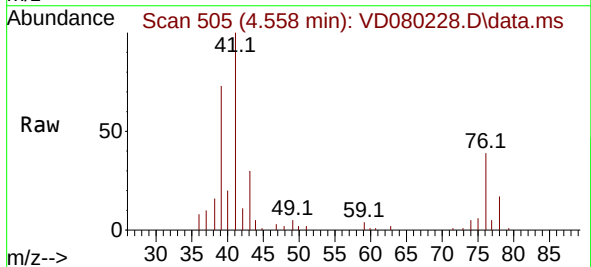
Manual Integrations
APPROVED

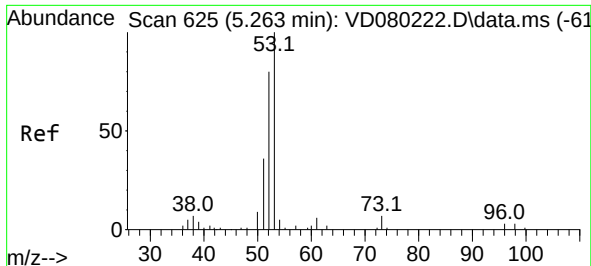
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#14
Allyl chloride
Concen: 20.446 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

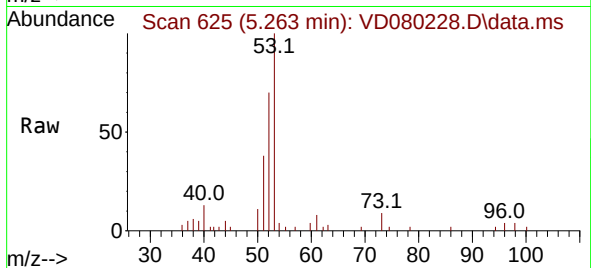
Tgt Ion: 41 Resp: 42107
Ion Ratio Lower Upper
41 100
39 70.7 55.0 82.4
76 38.4 31.0 46.4





#15
Acrylonitrile
Concen: 95.571 ug/l
RT: 5.263 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

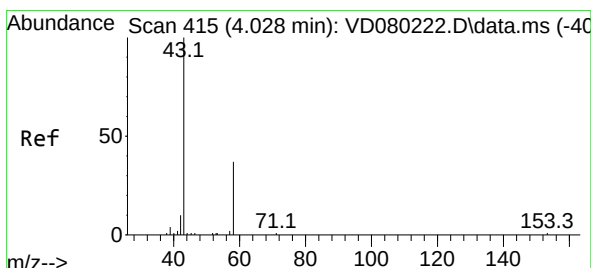
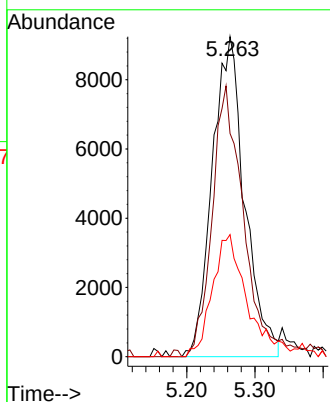
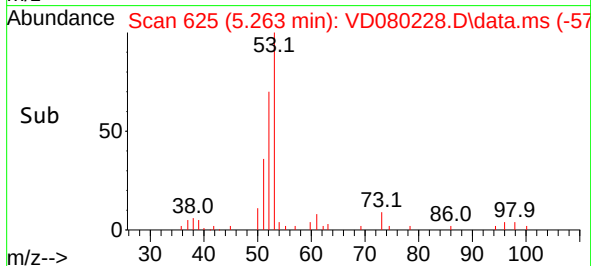
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 53 Resp: 3061
Ion Ratio Lower Upper
53 100
52 82.6 65.9 98.9
51 40.7 30.1 45.1

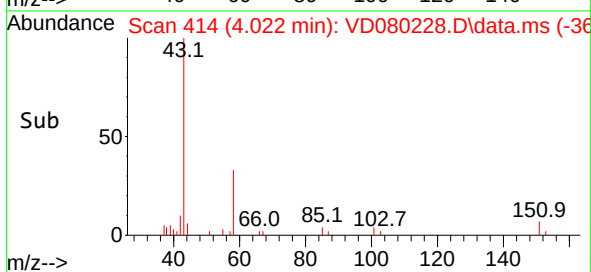
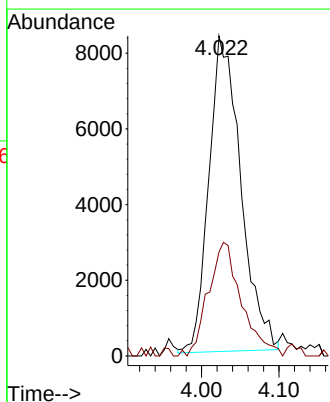
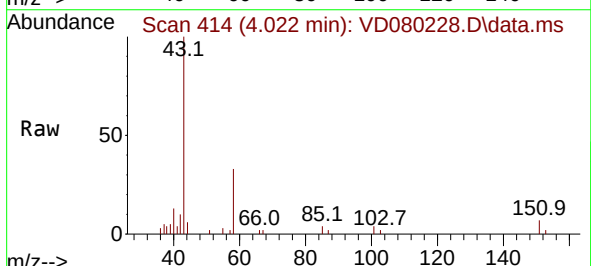
Manual Integrations
APPROVED

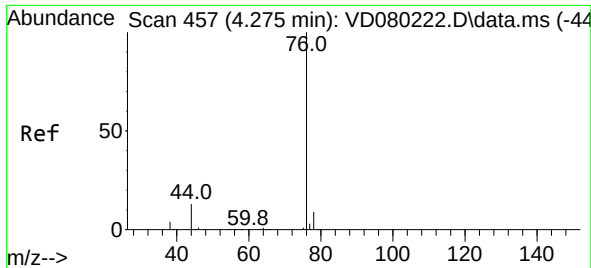
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#16
Acetone
Concen: 97.751 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

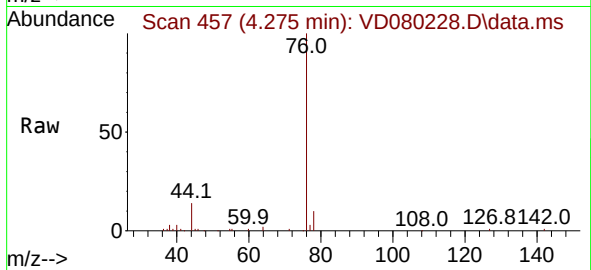
Tgt Ion: 43 Resp: 23914
Ion Ratio Lower Upper
43 100
58 33.2 29.5 44.3





#17
Carbon Disulfide
Concen: 20.818 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

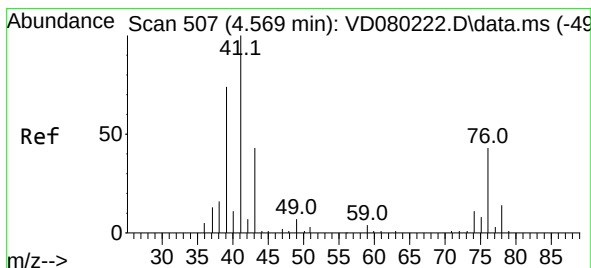
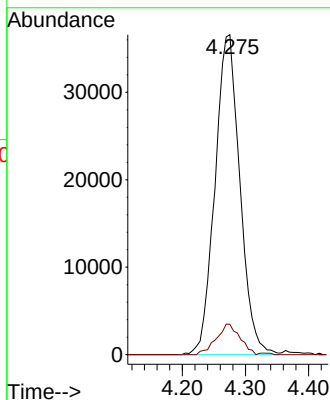
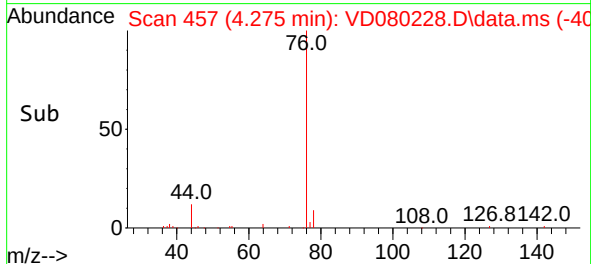
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



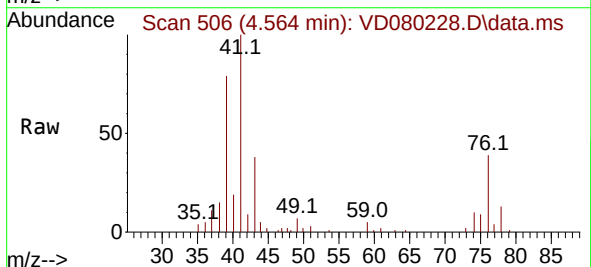
Tgt Ion: 76 Resp: 100330
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

Manual Integrations
APPROVED

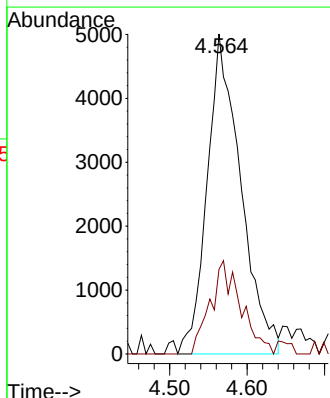
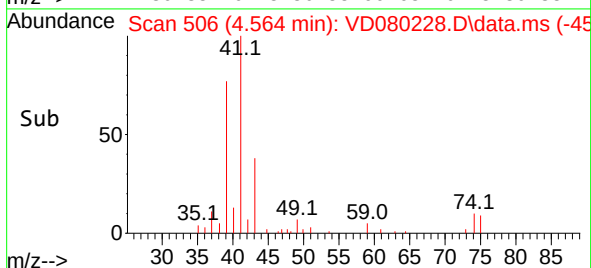
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

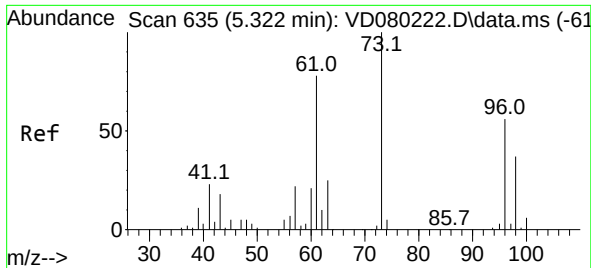


#18
Methyl Acetate
Concen: 18.244 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion: 43 Resp: 15060
Ion Ratio Lower Upper
43 100
74 26.7 19.4 29.2





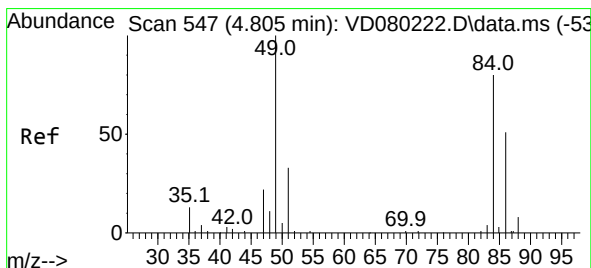
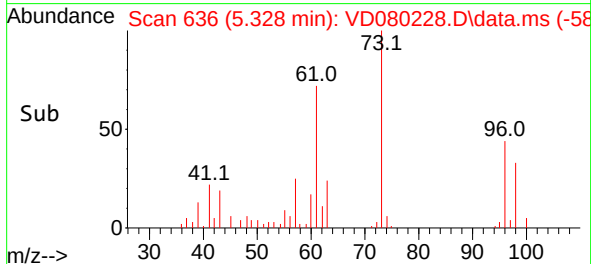
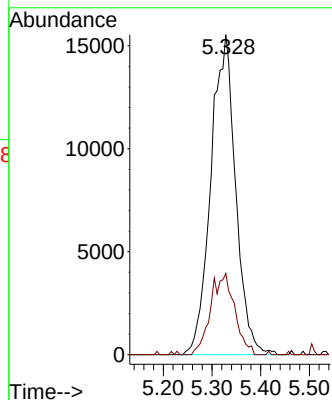
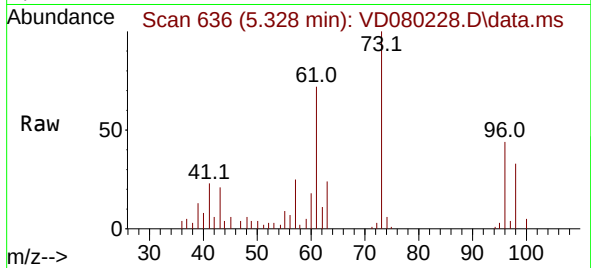
#19
Methyl tert-butyl Ether
Concen: 18.663 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion: 73 Resp: 5490
Ion Ratio Lower Upper
73 100
57 25.4 17.8 26.8

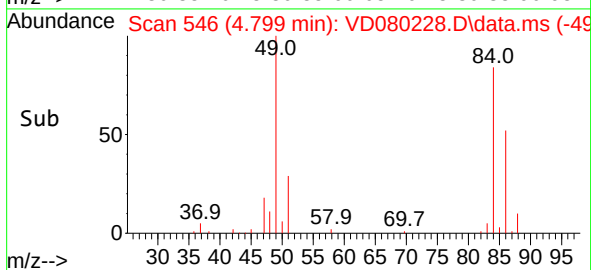
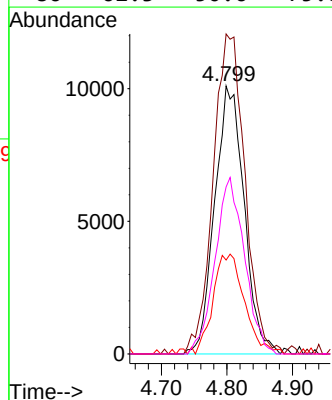
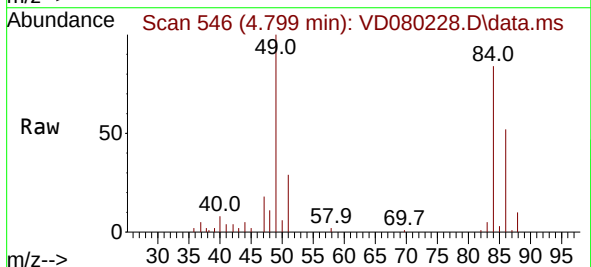
Manual Integrations
APPROVED

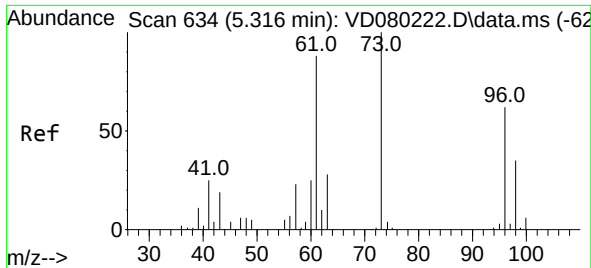
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#20
Methylene Chloride
Concen: 18.945 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

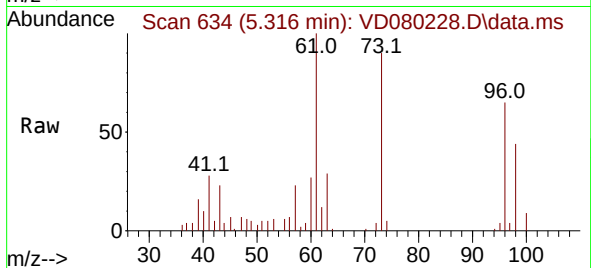
Tgt Ion: 84 Resp: 31452
Ion Ratio Lower Upper
84 100
49 119.4 99.4 149.2
51 33.3 32.6 49.0
86 62.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 20.786 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

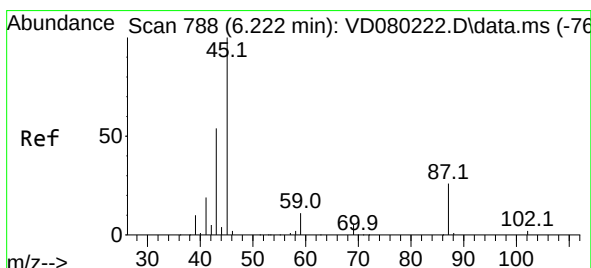
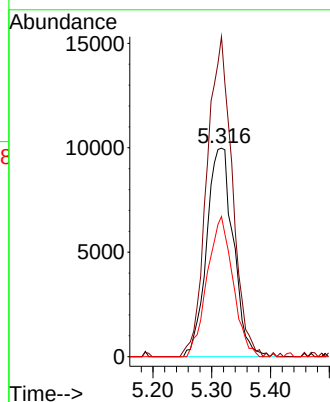
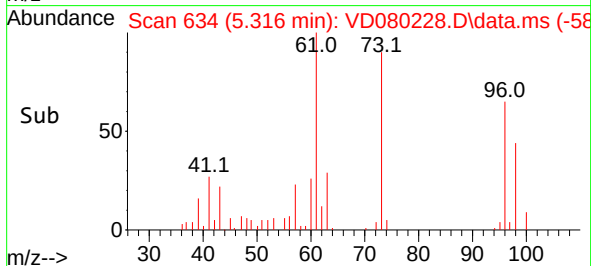
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 96 Resp: 31550
Ion Ratio Lower Upper
96 100
61 153.5 113.7 170.5
98 67.3 45.4 68.2

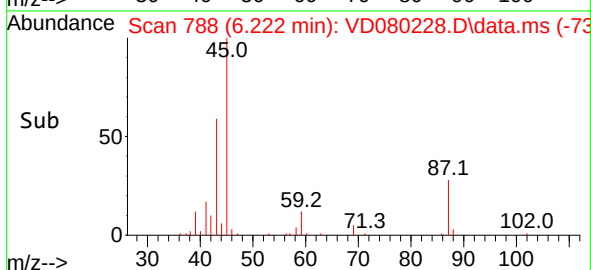
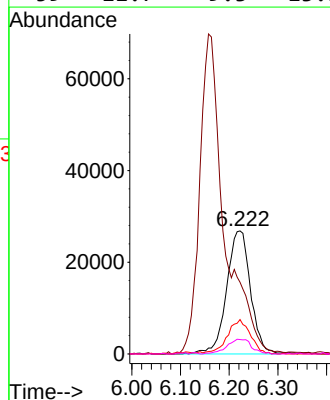
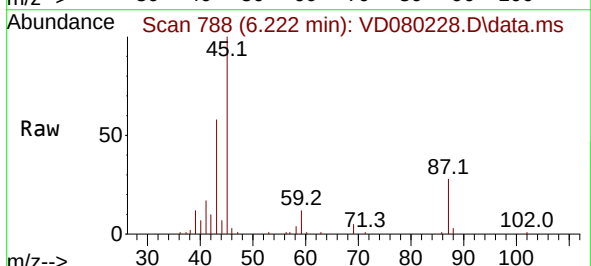
Manual Integrations
APPROVED

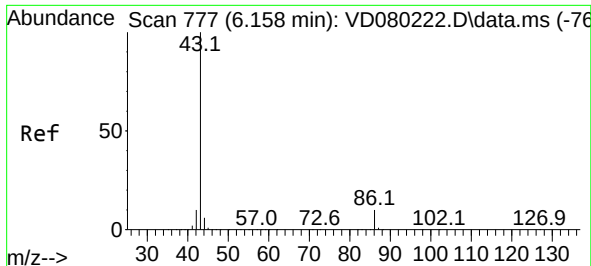
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#22
Diisopropyl ether
Concen: 21.265 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

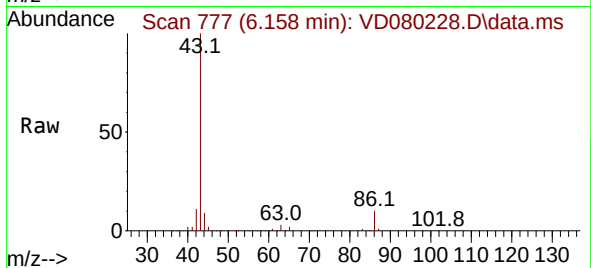
Tgt Ion: 45 Resp: 91138
Ion Ratio Lower Upper
45 100
43 57.3 44.3 66.5
87 28.0 20.5 30.7
59 11.7 9.3 13.9





#23
 Vinyl Acetate
 Concen: 99.084 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

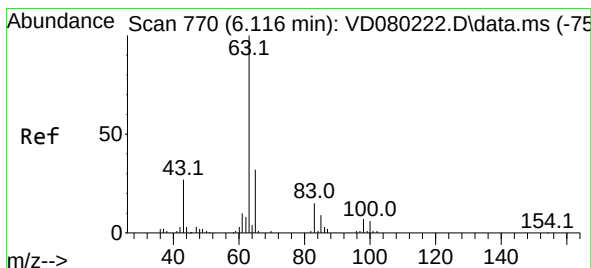
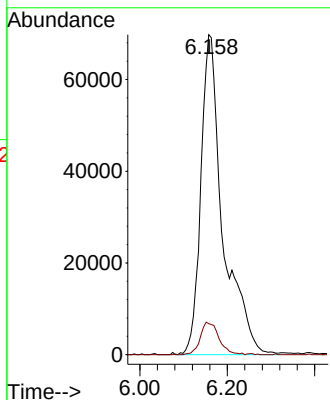
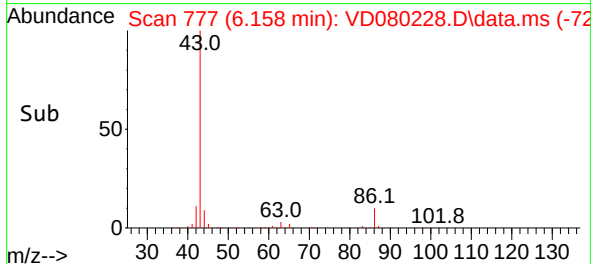
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01



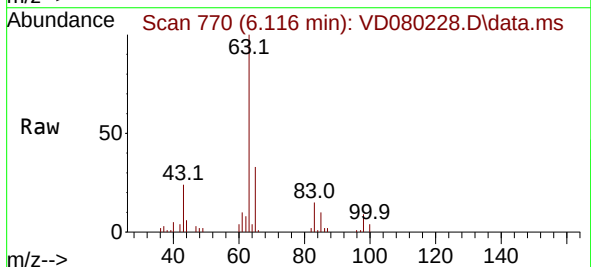
Tgt Ion: 43 Resp: 245169
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

Manual Integrations
 APPROVED

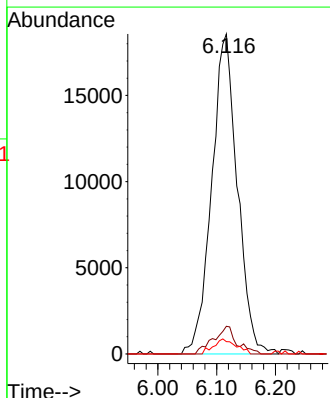
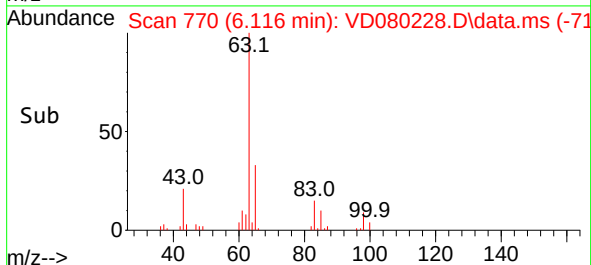
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

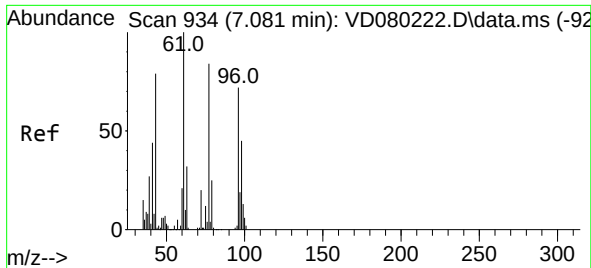


#24
 1,1-Dichloroethane
 Concen: 20.074 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05



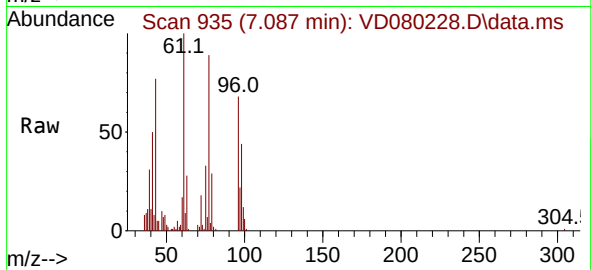
Tgt Ion: 63 Resp: 56398
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.5
 100 3.9 2.8 8.4





#25
2-Butanone
Concen: 86.906 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

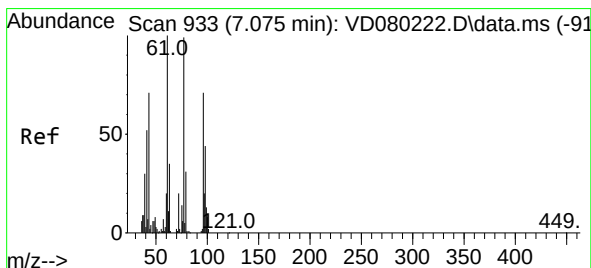
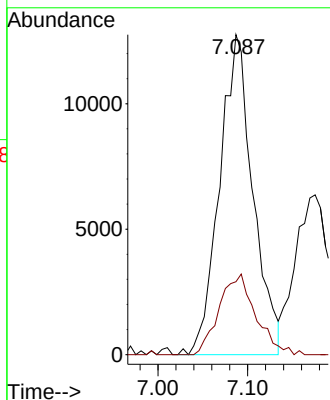
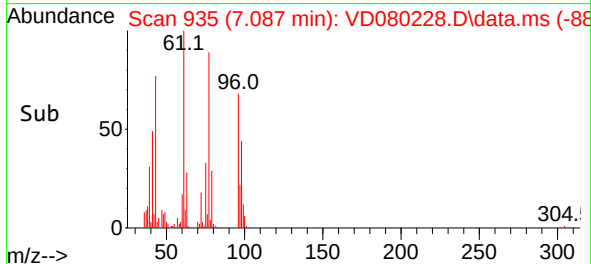
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 43 Resp: 3297
Ion Ratio Lower Upper
43 100
72 22.8 19.9 29.9

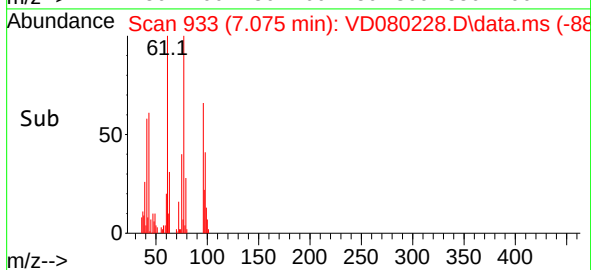
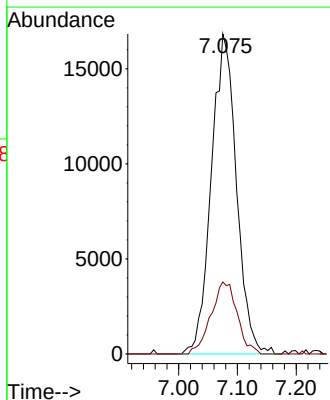
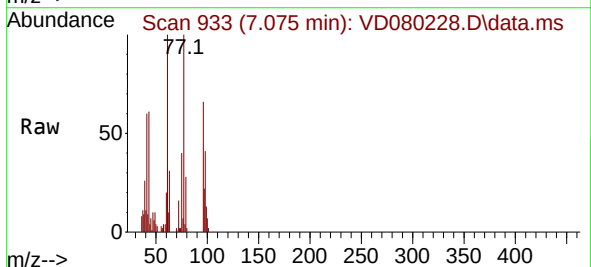
Manual Integrations
APPROVED

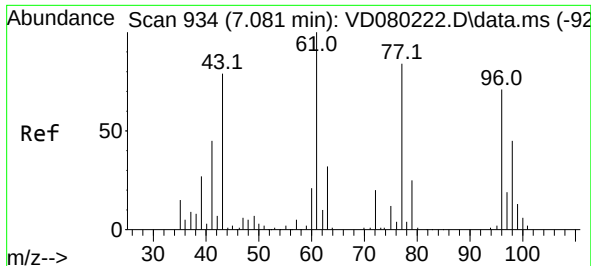
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#26
2,2-Dichloropropane
Concen: 20.506 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 77 Resp: 49970
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8





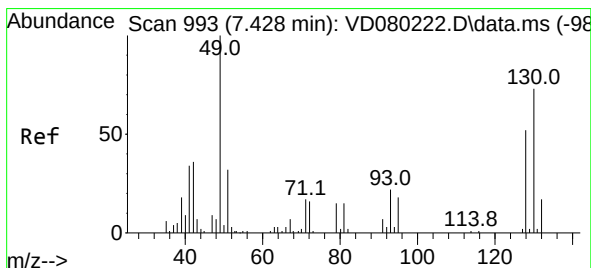
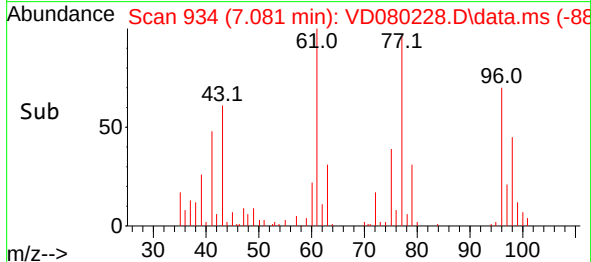
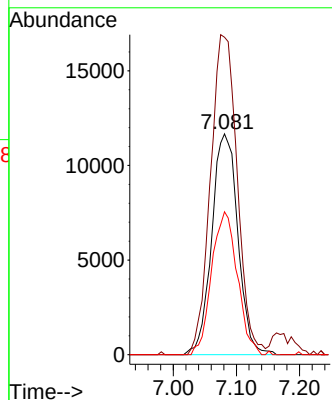
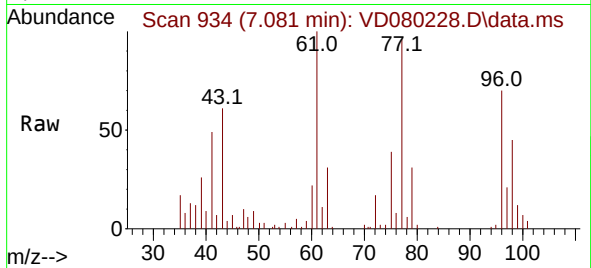
#27
 cis-1,2-Dichloroethene
 Concen: 19.542 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Tgt Ion: 96 Resp: 3351
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 297.4
 98 63.7 0.0 131.0

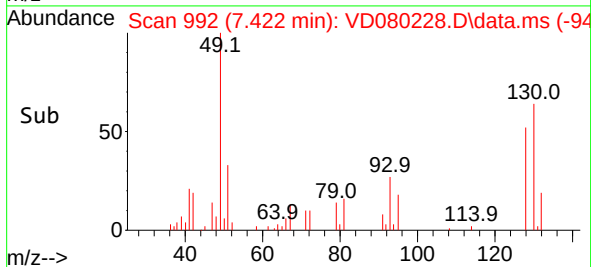
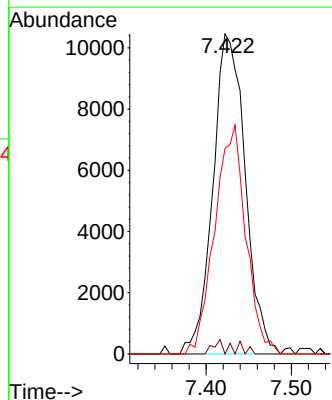
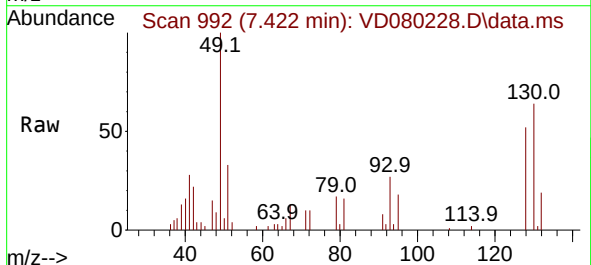
Manual Integrations
 APPROVED

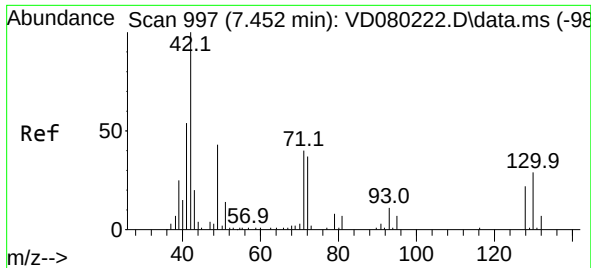
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#28
 Bromochloromethane
 Concen: 21.443 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

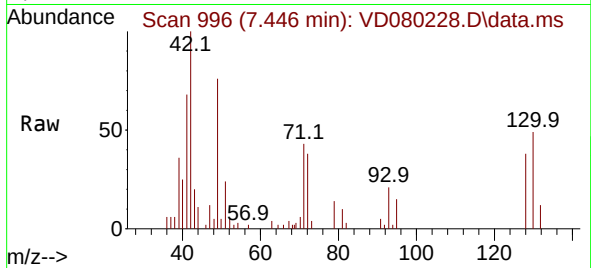
Tgt Ion: 49 Resp: 27492
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.8
 130 68.9 55.3 82.9





#29
Tetrahydrofuran
Concen: 89.452 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

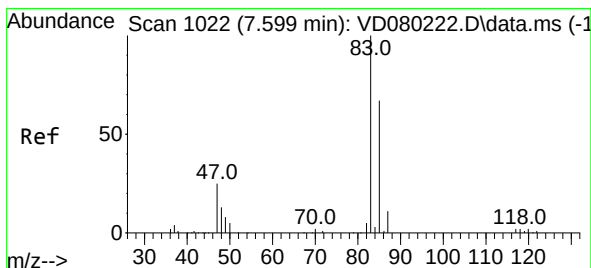
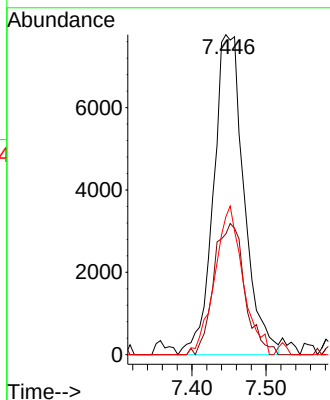
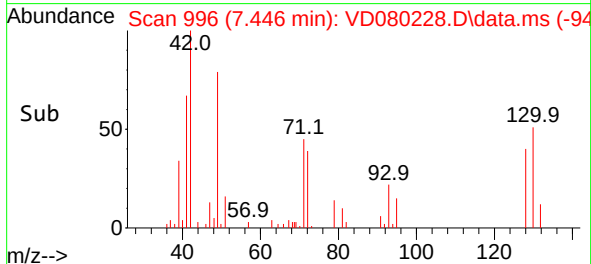
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



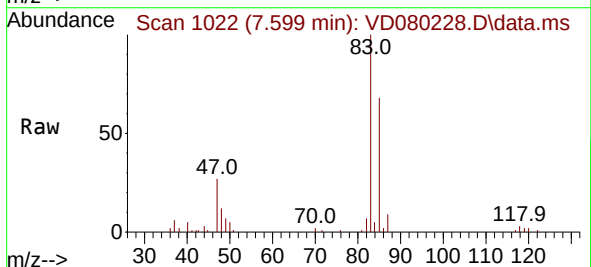
Tgt Ion: 42 Resp: 2223
Ion Ratio Lower Upper
42 100
72 41.7 33.5 50.3
71 43.0 32.9 49.3

Manual Integrations
APPROVED

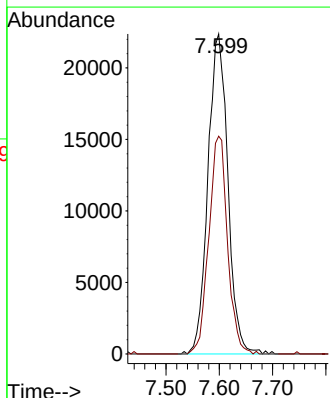
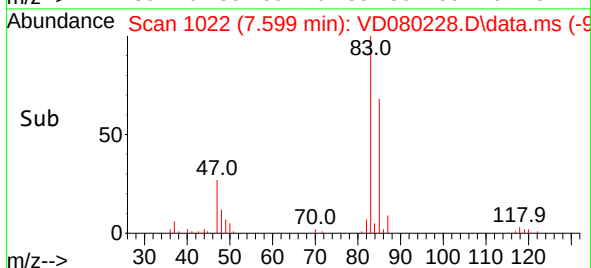
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

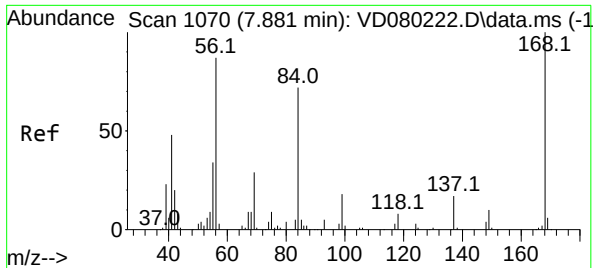


#30
Chloroform
Concen: 20.191 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



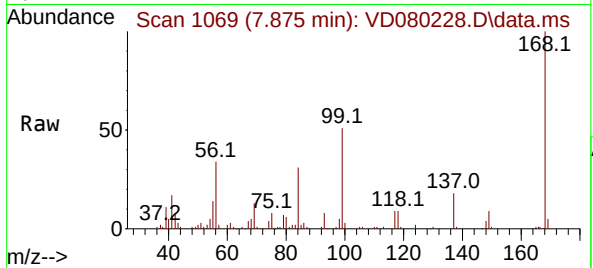
Tgt Ion: 83 Resp: 57996
Ion Ratio Lower Upper
83 100
85 68.1 53.7 80.5





#31
Cyclohexane
Concen: 19.894 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

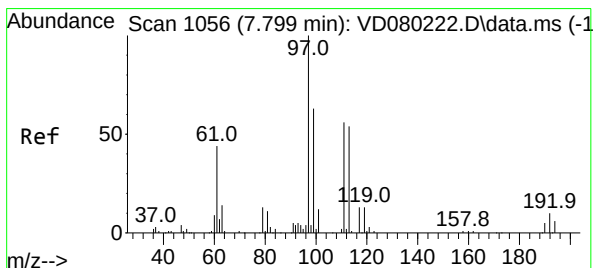
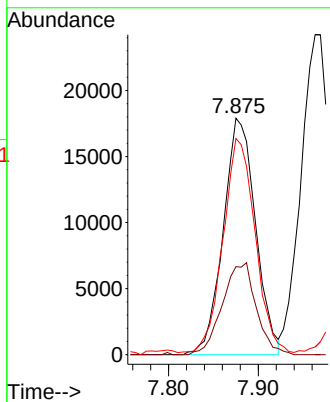
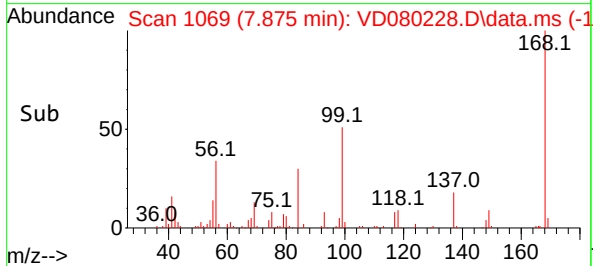
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



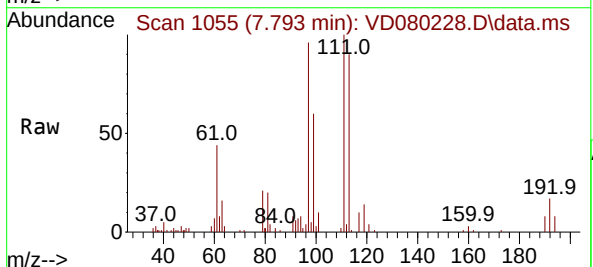
Tgt Ion: 56 Resp: 4474
Ion Ratio Lower Upper
56 100
69 37.2 27.0 40.4
84 90.6 66.3 99.5

Manual Integrations
APPROVED

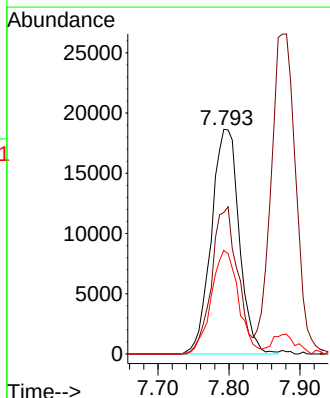
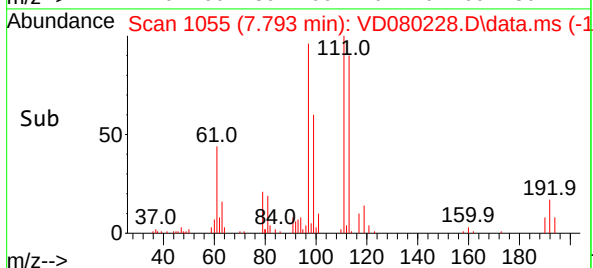
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

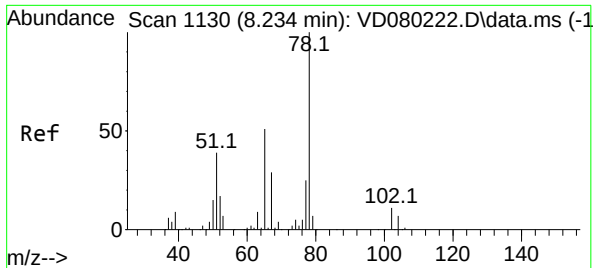


#32
1,1,1-Trichloroethane
Concen: 21.123 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion: 97 Resp: 50762
Ion Ratio Lower Upper
97 100
99 60.6 51.3 76.9
61 45.2 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 45.507 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion: 65 Resp: 69078

Ion Ratio Lower Upper

65 100

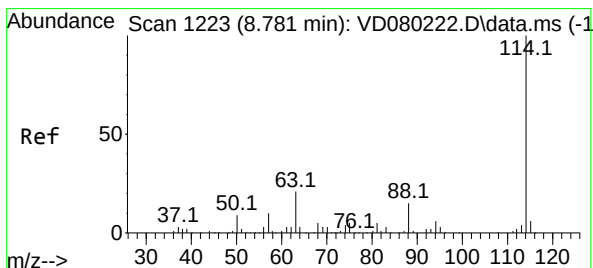
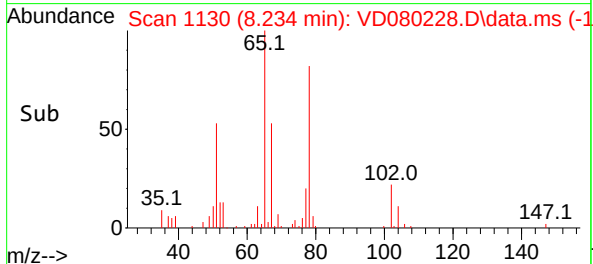
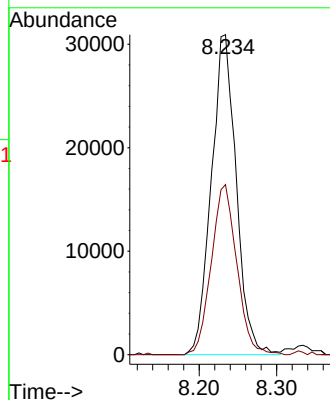
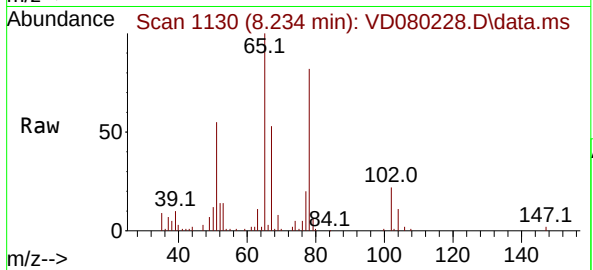
67 54.4 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

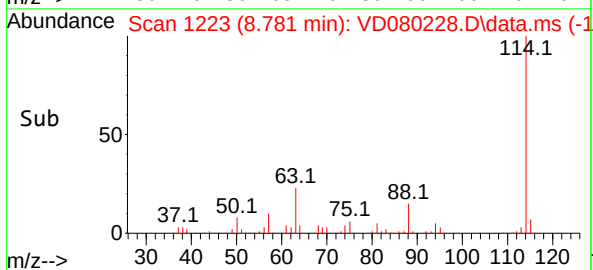
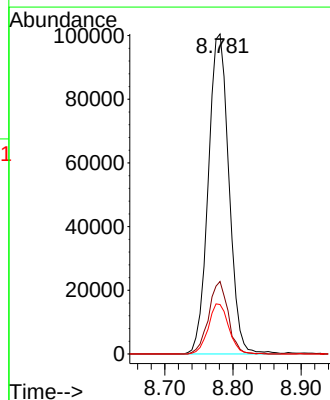
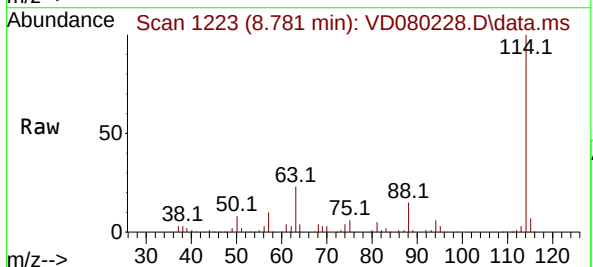
Tgt Ion:114 Resp: 211546

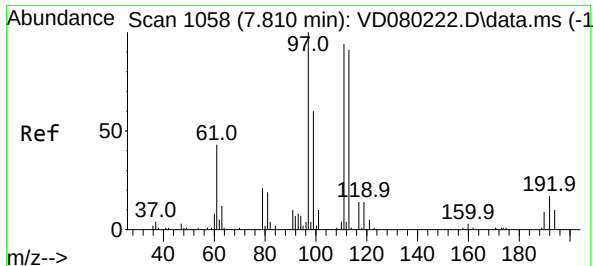
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.696 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

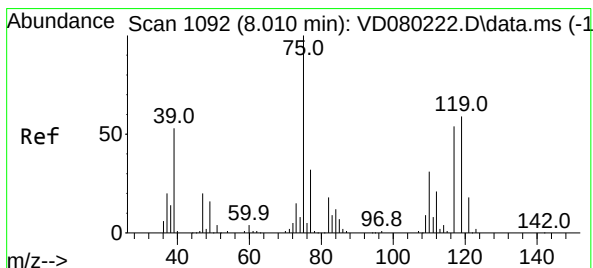
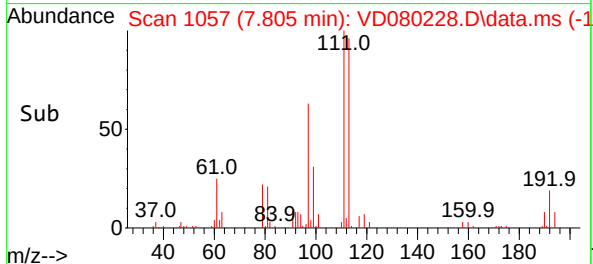
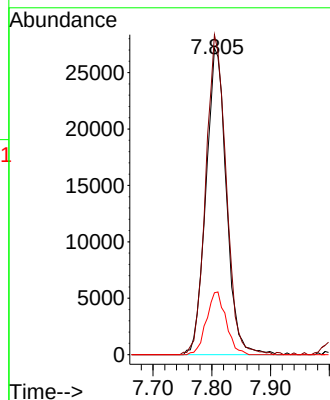
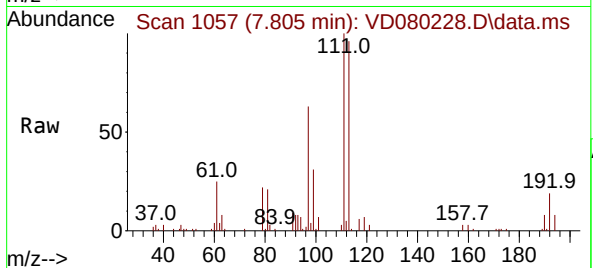
VD0203SBS01

Tgt Ion:	113	Resp:	6551
Ion	Ratio	Lower	Upper
113	100		
111	104.0	85.0	127.4
192	19.7	15.5	23.3

Manual Integrations

APPROVED

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



#36

1,1-Dichloropropene

Concen: 19.007 ug/l

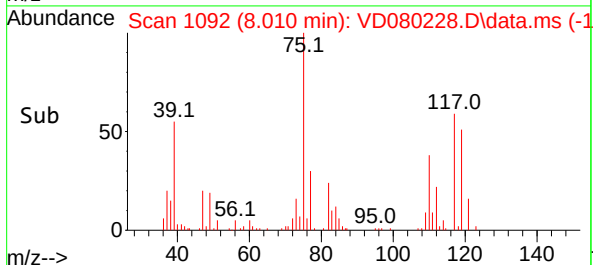
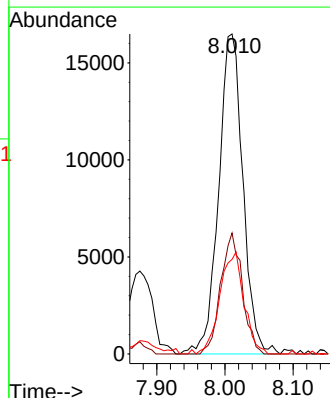
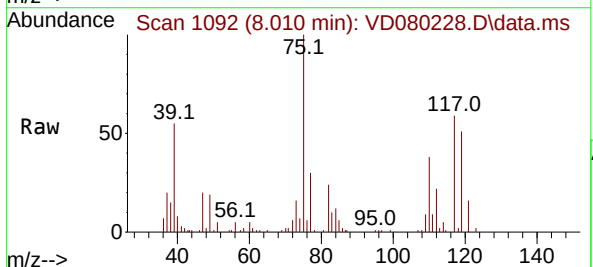
RT: 8.010 min Scan# 1092

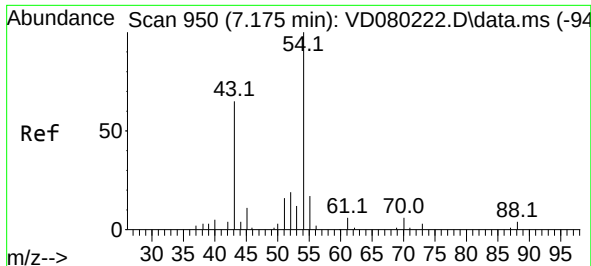
Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion:	75	Resp:	40816
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.1	51.2
77	31.8	25.6	38.4





#37

Ethyl Acetate

Concen: 16.236 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

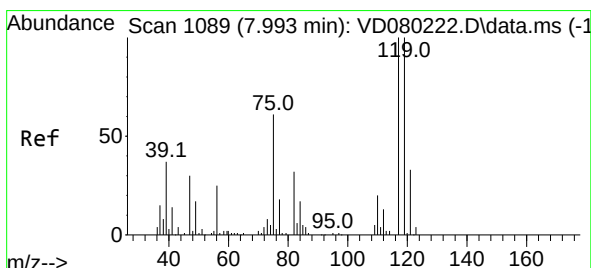
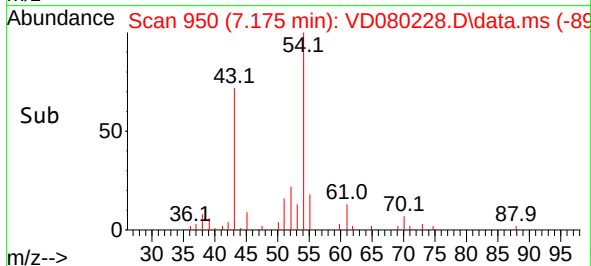
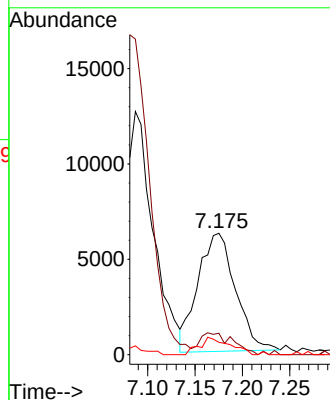
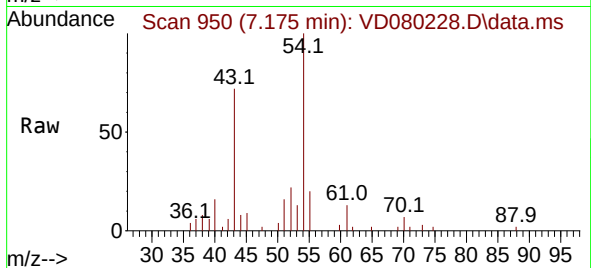
Tgt Ion: 43 Resp: 1709

Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.4	17.0
70	11.8	8.2	12.2

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 19.328 ug/l

RT: 7.993 min Scan# 1089

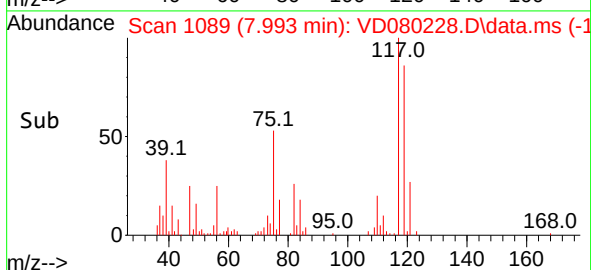
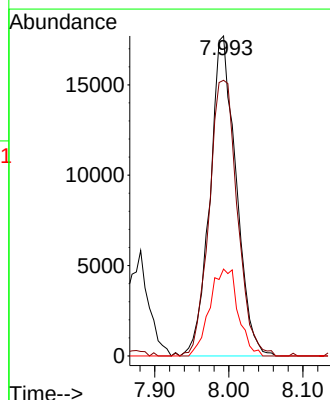
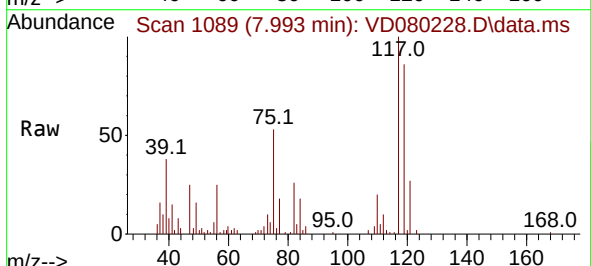
Delta R.T. -0.000 min

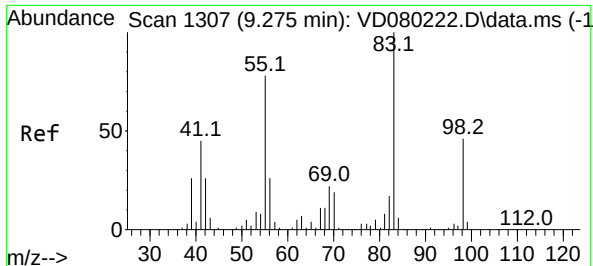
Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion:117 Resp: 43354

Ion	Ratio	Lower	Upper
117	100		
119	86.1	79.8	119.6
121	27.2	26.6	39.8





#39

Methylcyclohexane

Concen: 20.890 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

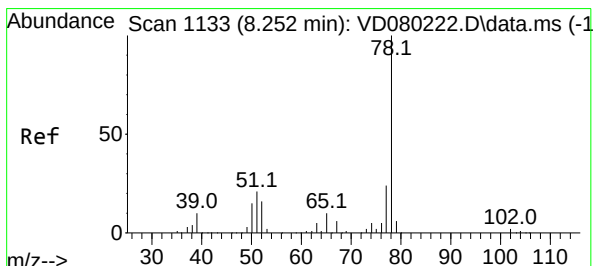
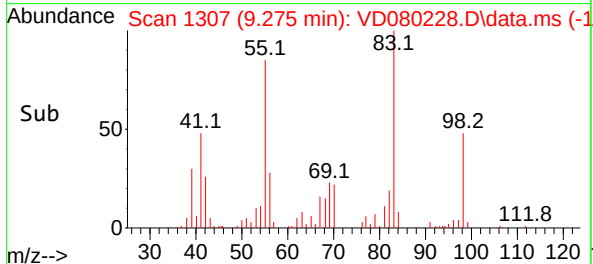
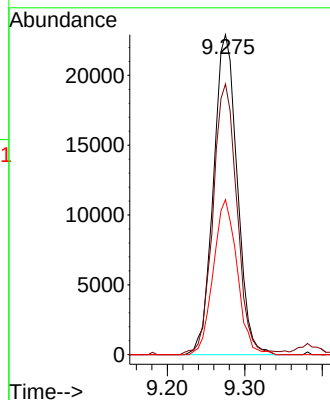
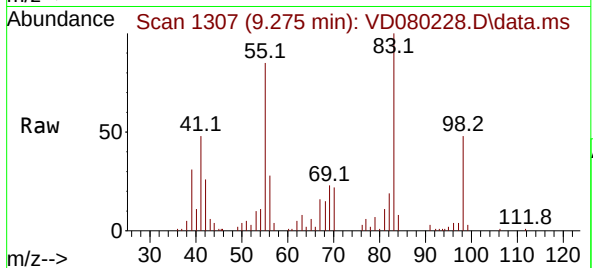
Tgt Ion: 83 Resp: 4873

Ion	Ratio	Lower	Upper
83	100		
55	84.6	62.5	93.7
98	48.5	37.1	55.7

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 17.930 ug/l

RT: 8.252 min Scan# 1133

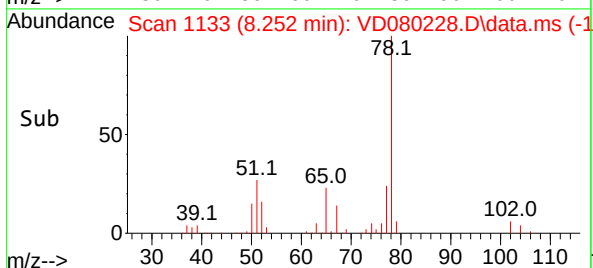
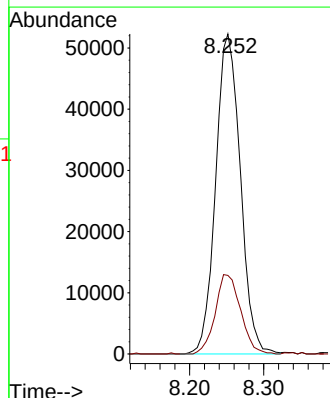
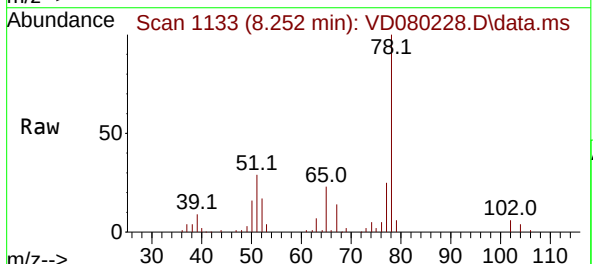
Delta R.T. -0.000 min

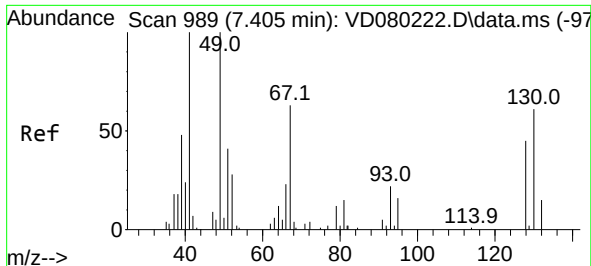
Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion: 78 Resp: 120691

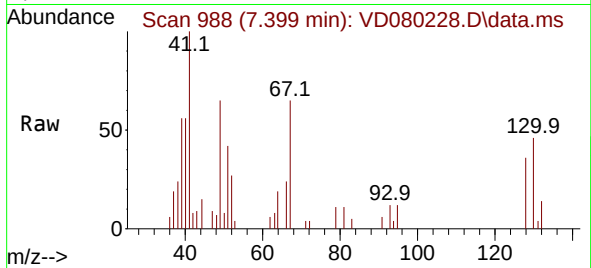
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





#41
Methacrylonitrile
Concen: 16.939 ug/l m
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

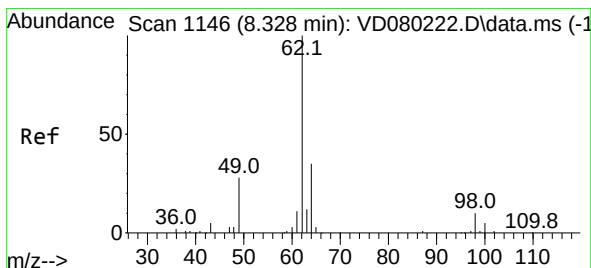
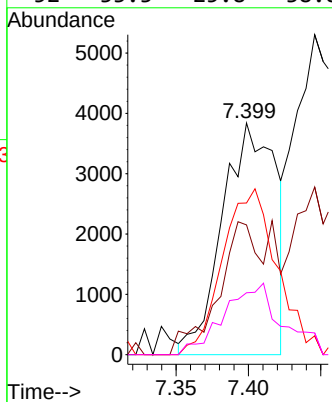
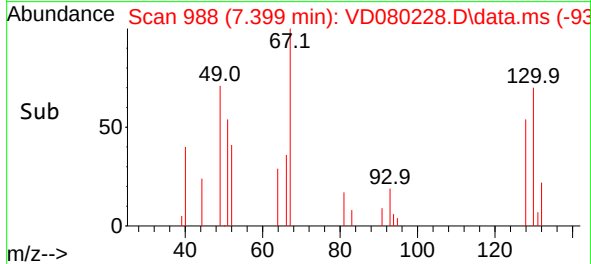
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 41 Resp: 9818
Ion Ratio Lower Upper
41 100
39 45.3 44.7 67.1
67 73.9 55.0 82.4
52 33.3 25.8 38.8

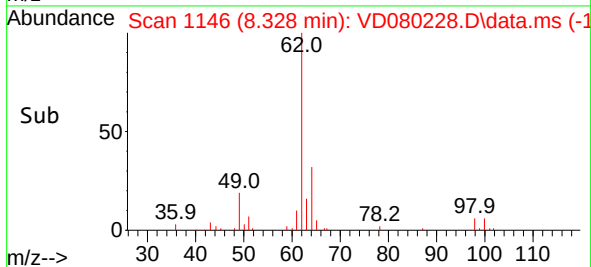
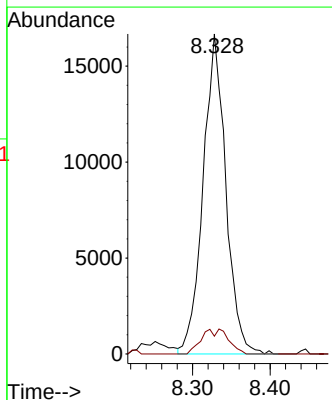
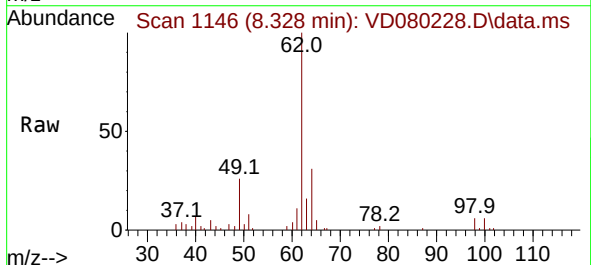
Manual Integrations
APPROVED

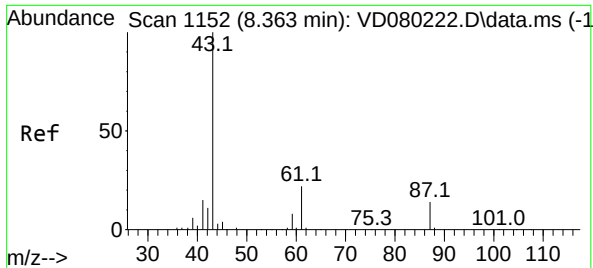
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#42
1,2-Dichloroethane
Concen: 17.760 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

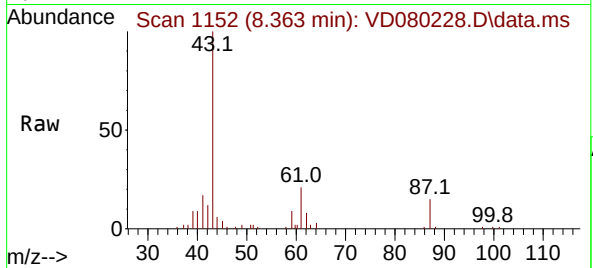
Tgt Ion: 62 Resp: 34018
Ion Ratio Lower Upper
62 100
98 4.9 0.0 18.4





#43
Isopropyl Acetate
Concen: 15.915 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

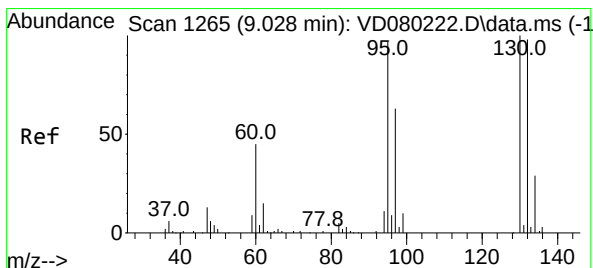
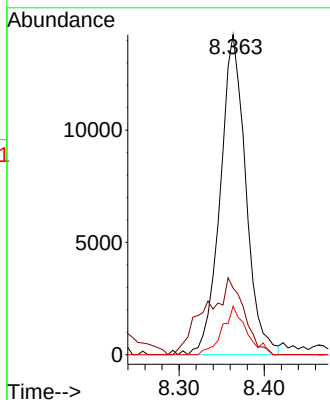
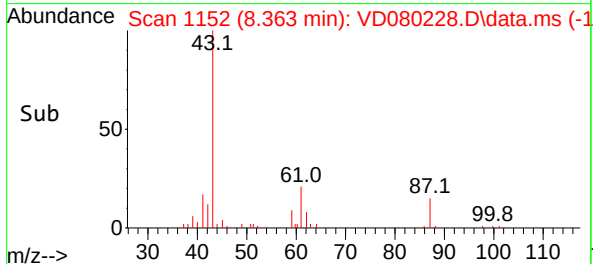
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



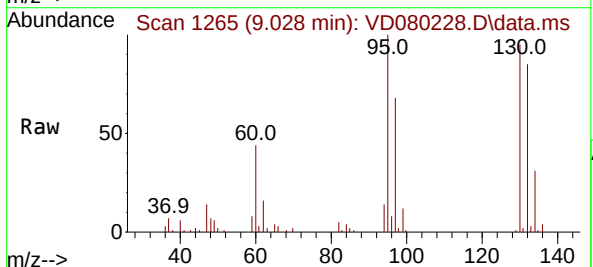
Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
61 35.8 25.0 37.4
87 14.2 10.7 16.1

Manual Integrations
APPROVED

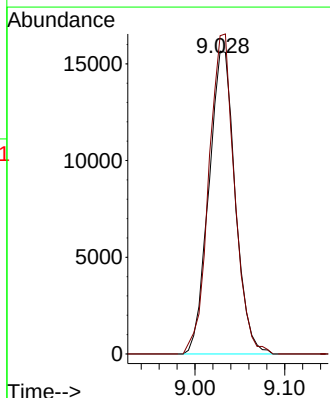
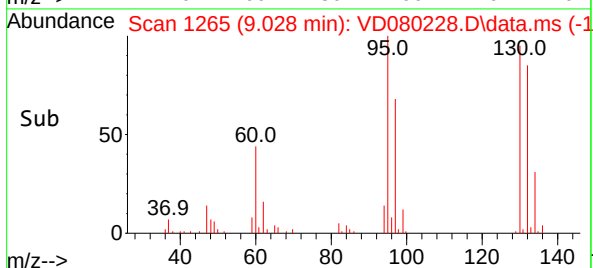
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

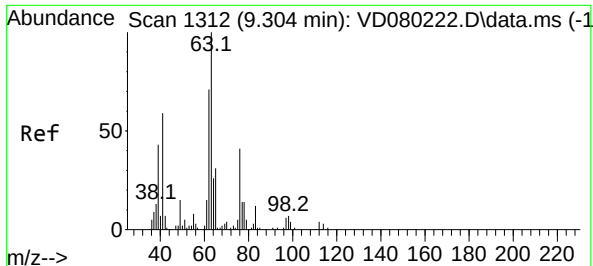


#44
Trichloroethene
Concen: 20.567 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion:130 Resp: 31982
Ion Ratio Lower Upper
130 100
95 105.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 20.583 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion: 63 Resp: 34849

Ion Ratio Lower Upper

63 100

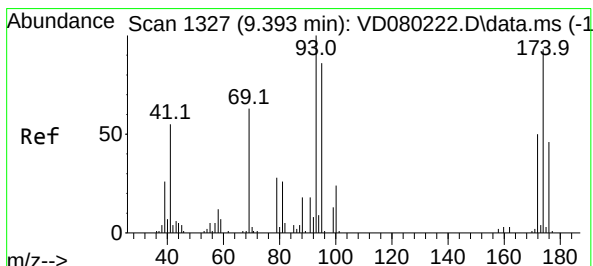
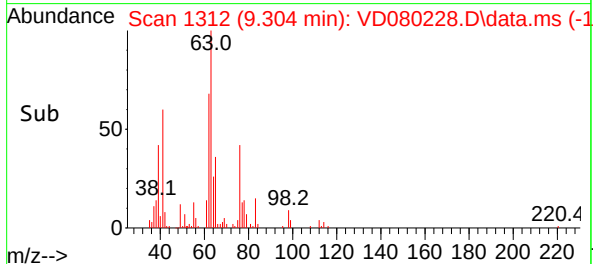
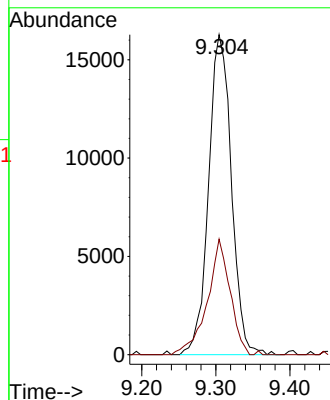
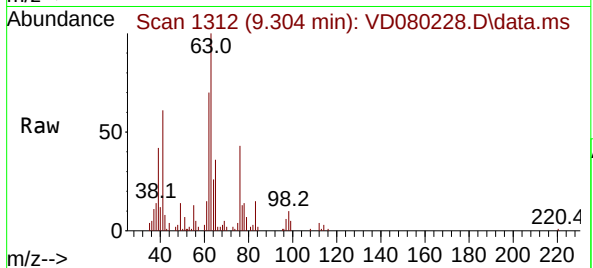
65 36.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#46

Dibromomethane

Concen: 19.464 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

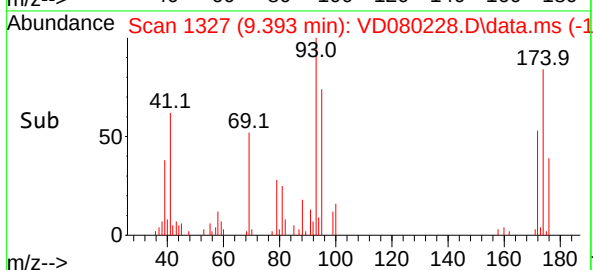
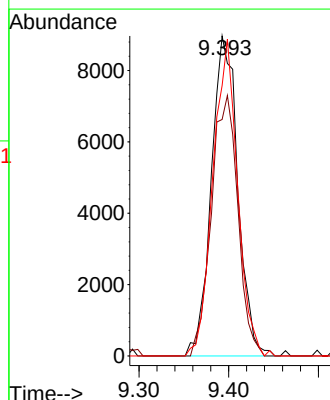
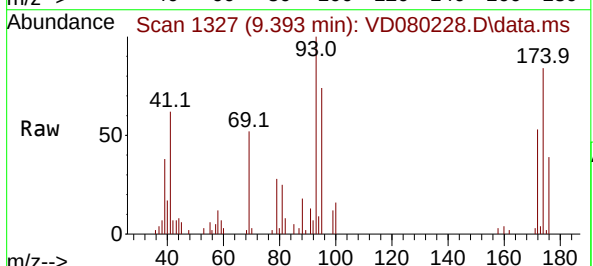
Tgt Ion: 93 Resp: 18360

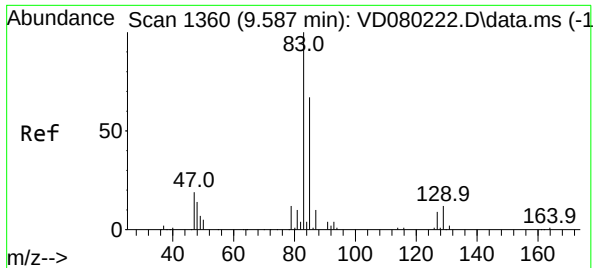
Ion Ratio Lower Upper

93 100

95 81.7 66.8 100.2

174 92.6 76.8 115.2





#47
Bromodichloromethane
Concen: 19.915 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

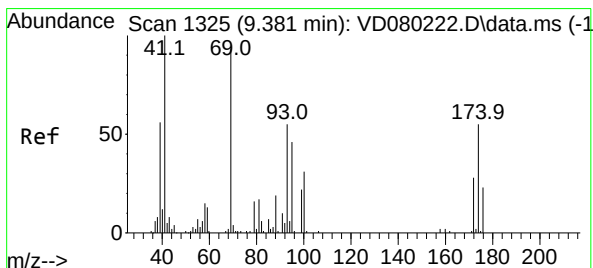
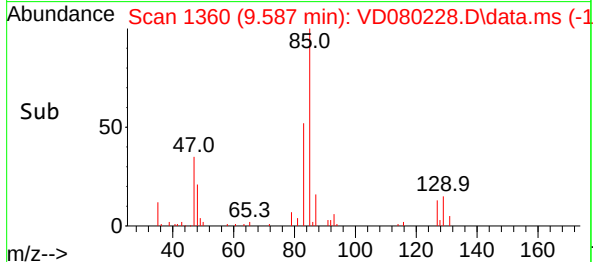
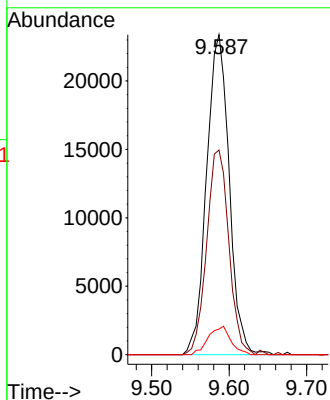
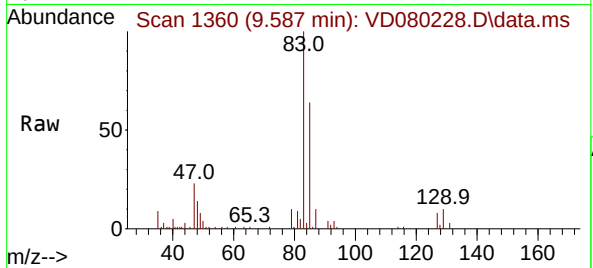
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion: 83 Resp: 47372

Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.6	80.4
127	8.0	7.4	11.2

Manual Integrations
APPROVED

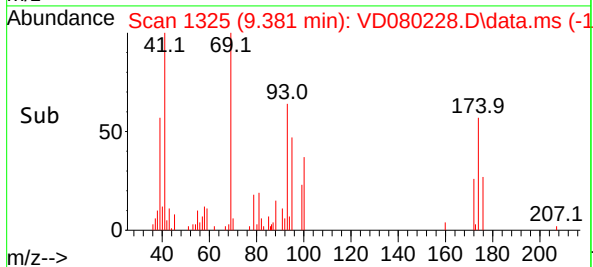
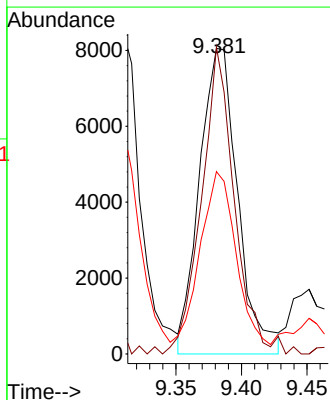
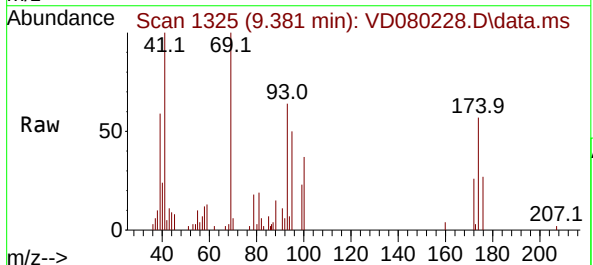
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

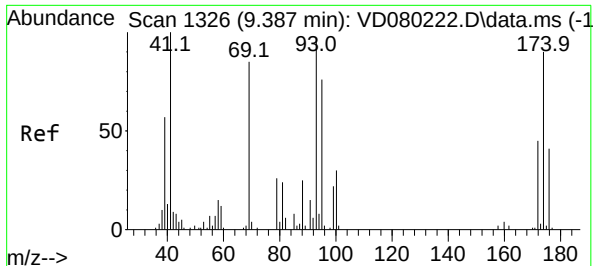


#48
Methyl methacrylate
Concen: 18.850 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 41 Resp: 16302

Ion	Ratio	Lower	Upper
41	100		
69	86.4	73.7	110.5
39	52.2	49.4	74.2





#49

1,4-Dioxane

Concen: 342.059 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion: 88 Resp: 3510

Ion Ratio Lower Upper

88 100

43 48.5 28.5 42.7

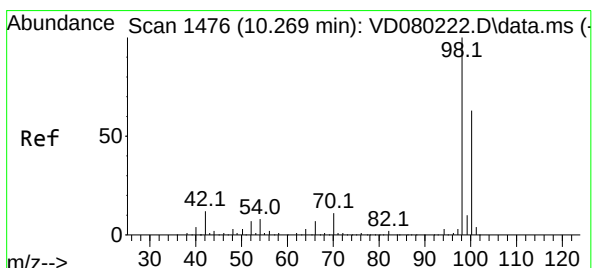
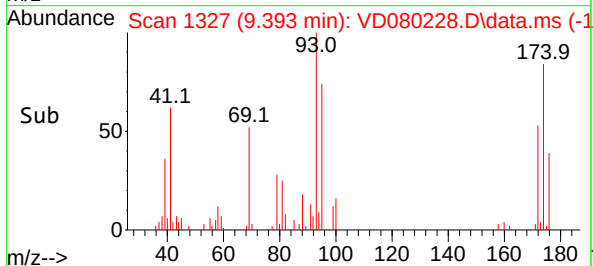
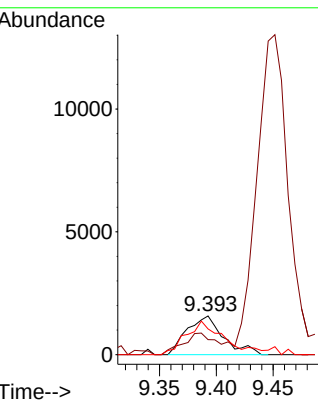
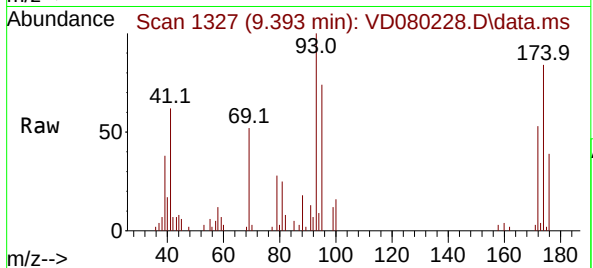
58 97.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#50

Toluene-d8

Concen: 52.403 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080228.D

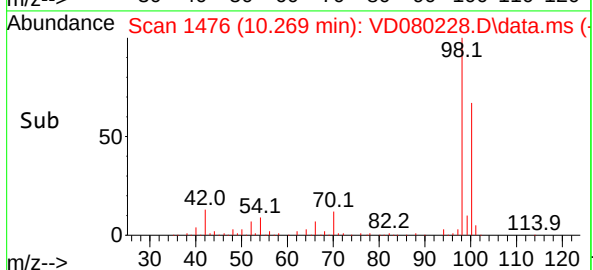
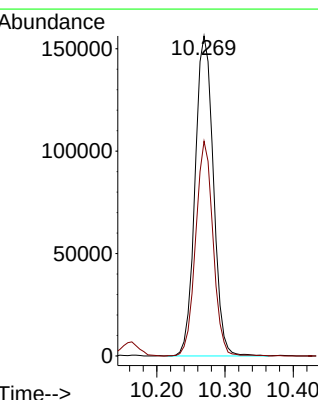
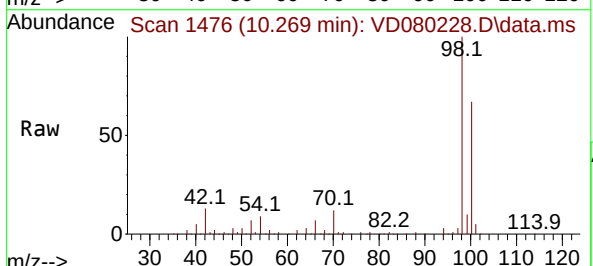
Acq: 03 Feb 2025 16:05

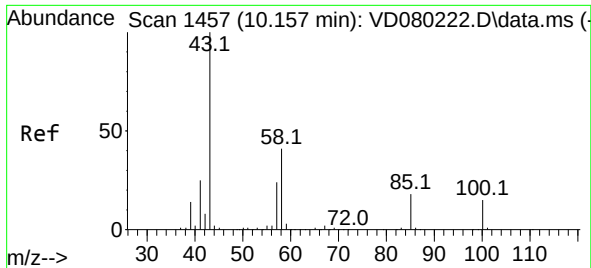
Tgt Ion: 98 Resp: 291361

Ion Ratio Lower Upper

98 100

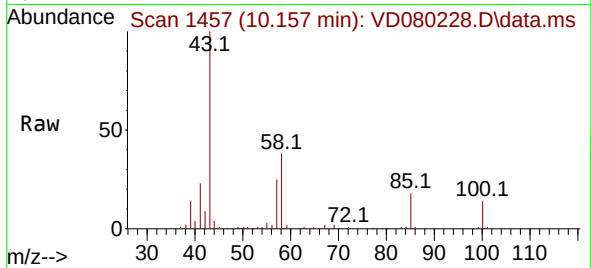
100 64.0 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 93.947 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

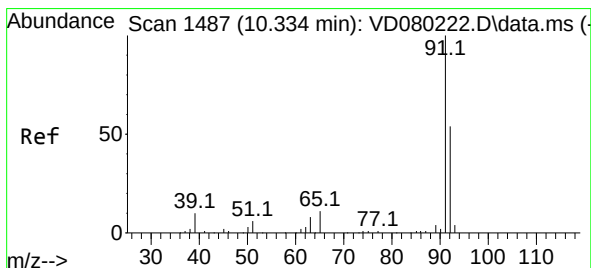
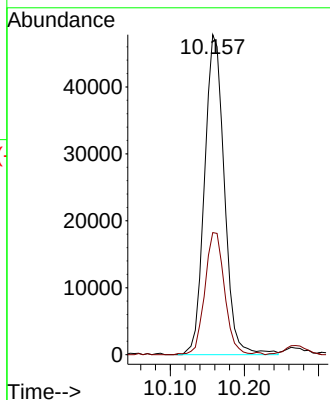
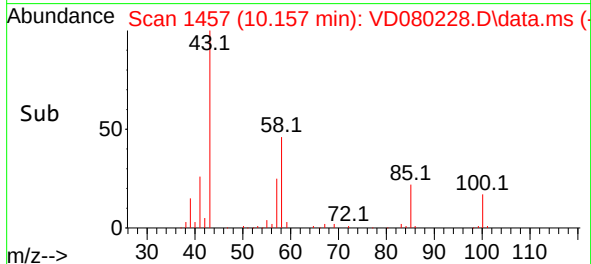
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 43 Resp: 88780
Ion Ratio Lower Upper
43 100
58 37.9 31.1 46.7

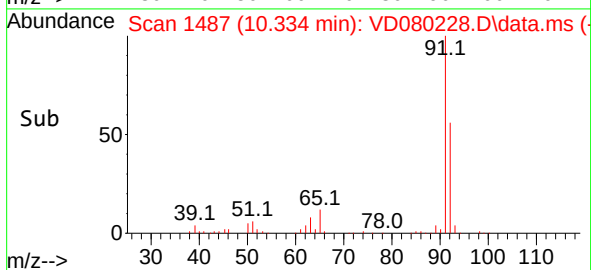
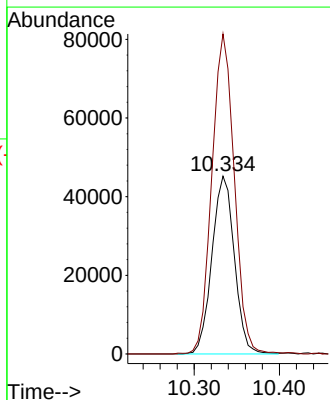
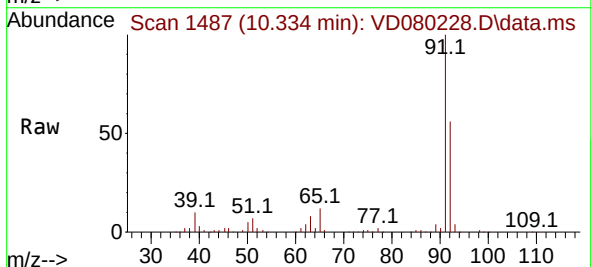
Manual Integrations
APPROVED

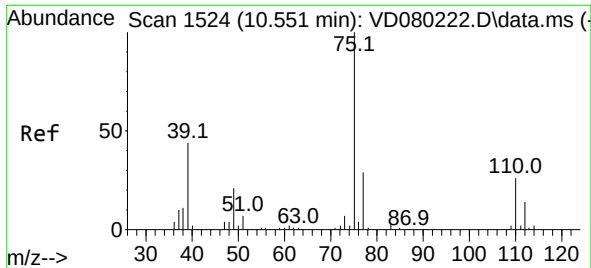
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#52
Toluene
Concen: 21.035 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

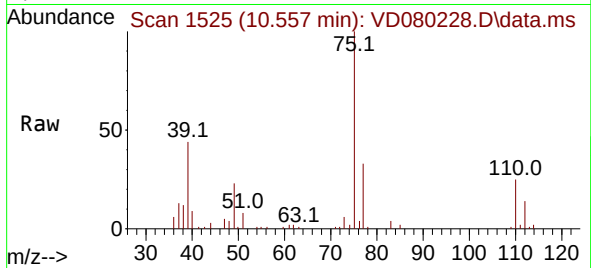
Tgt Ion: 92 Resp: 82820
Ion Ratio Lower Upper
92 100
91 180.7 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 19.840 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

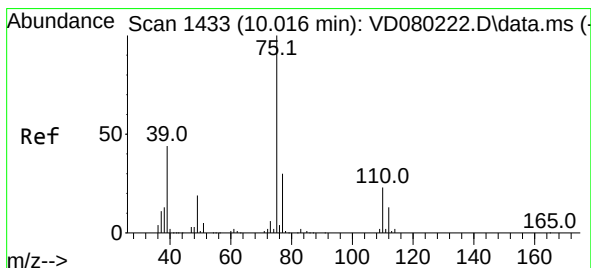
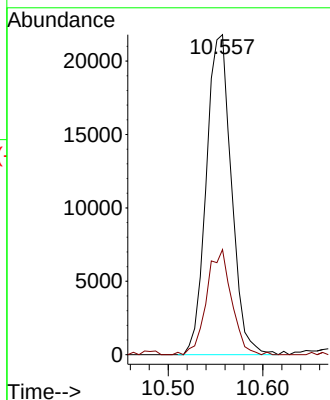
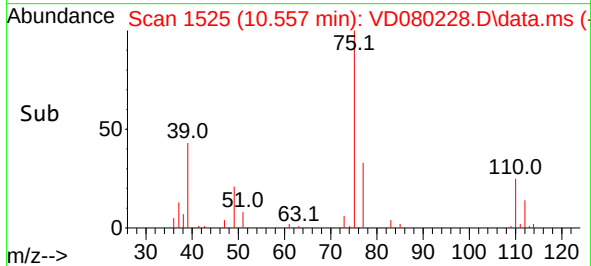
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 75 Resp: 4023
Ion Ratio Lower Upper
75 100
77 32.9 23.0 34.4

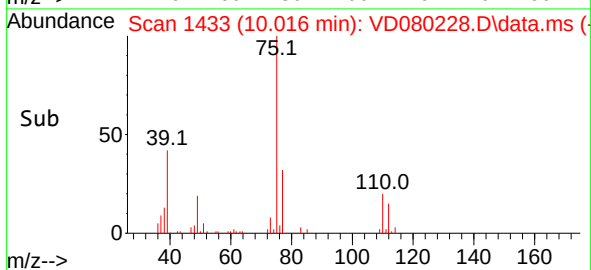
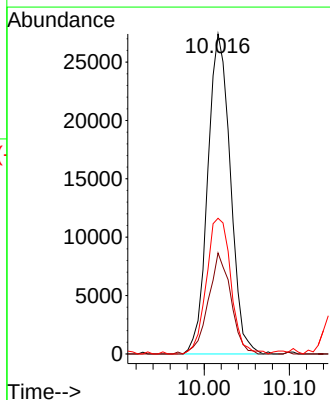
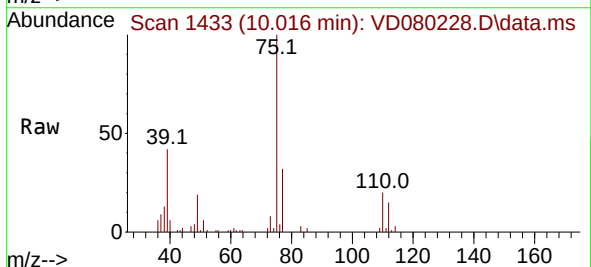
Manual Integrations
APPROVED

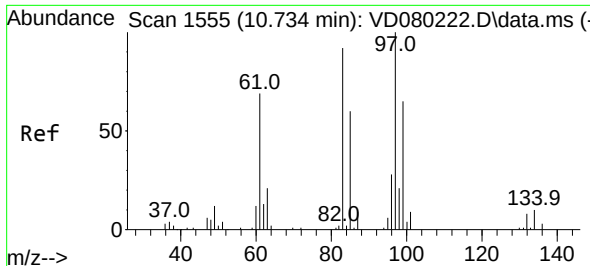
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 20.531 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

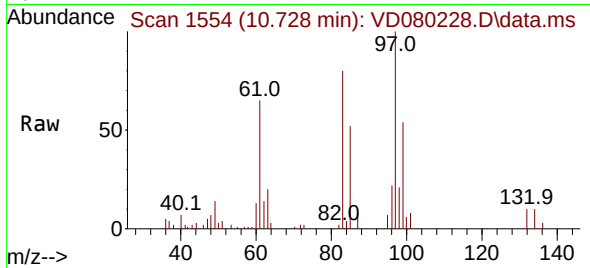
Tgt Ion: 75 Resp: 50642
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1
39 42.4 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 18.816 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

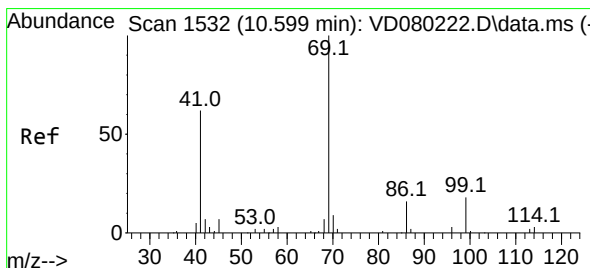
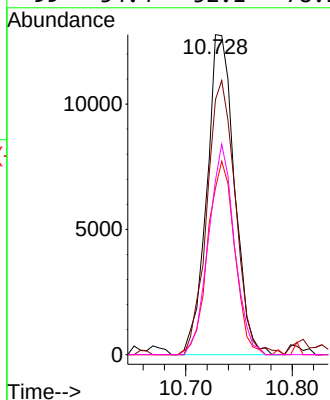
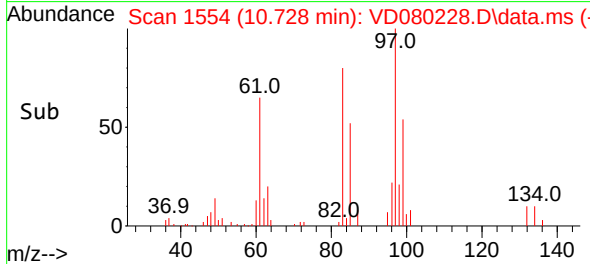
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.8	73.9	110.9
85	52.0	48.2	72.2
99	54.4	52.1	78.1

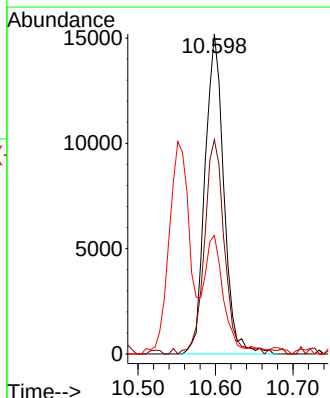
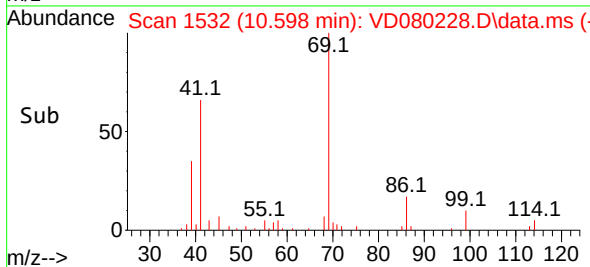
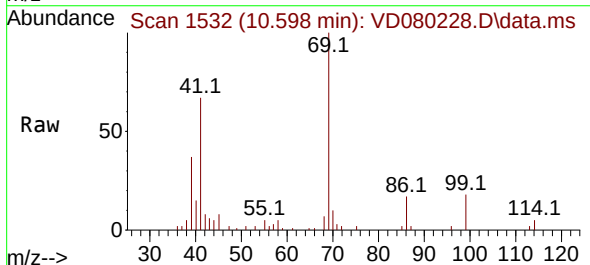
Manual Integrations
APPROVED

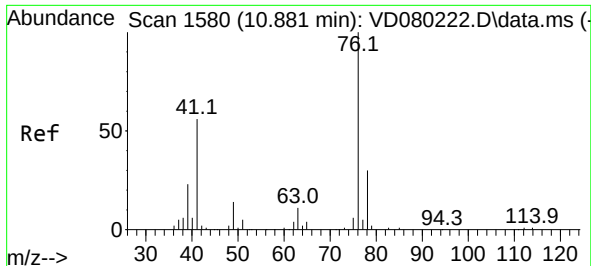
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#56
Ethyl methacrylate
Concen: 18.349 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	51.8	77.6
39	31.9	28.7	43.1





#57

1,3-Dichloropropane

Concen: 19.185 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion: 76 Resp: 3889

Ion Ratio Lower Upper

76 100

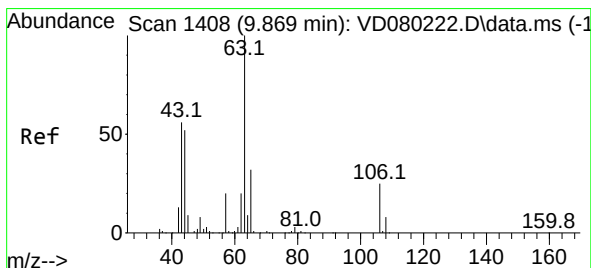
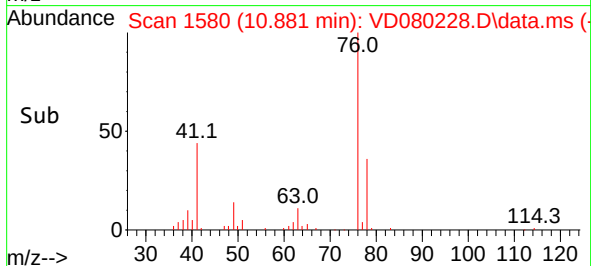
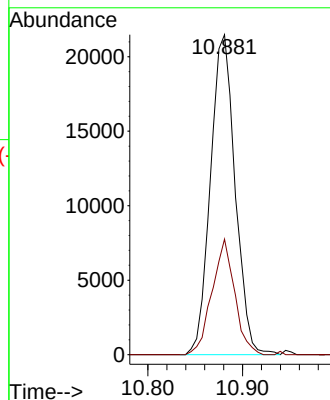
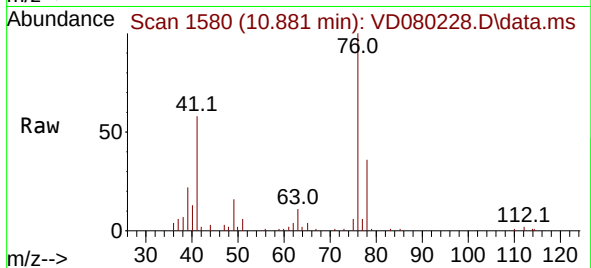
78 33.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.051 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080228.D

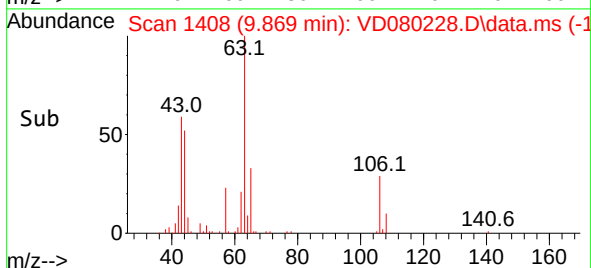
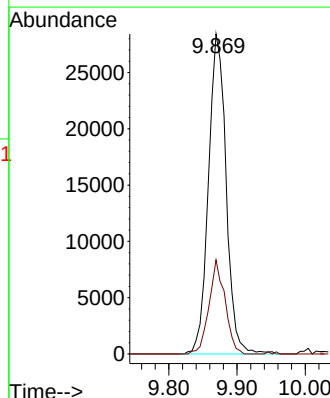
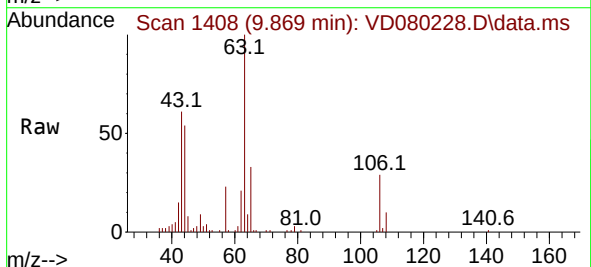
Acq: 03 Feb 2025 16:05

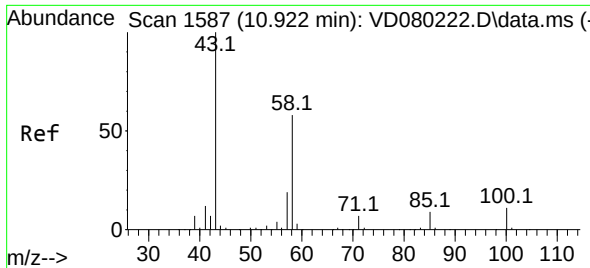
Tgt Ion: 63 Resp: 51362

Ion Ratio Lower Upper

63 100

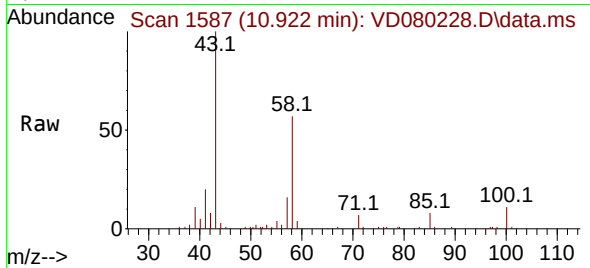
106 26.7 20.6 30.8





#59
2-Hexanone
Concen: 91.792 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080222.D
Acq: 03 Feb 2025 16:05

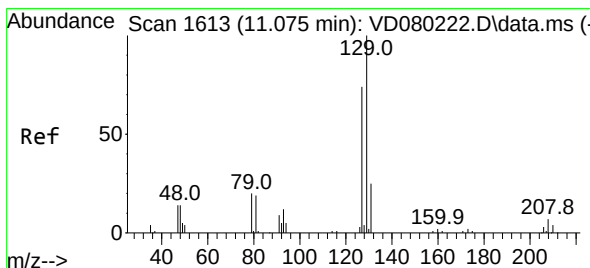
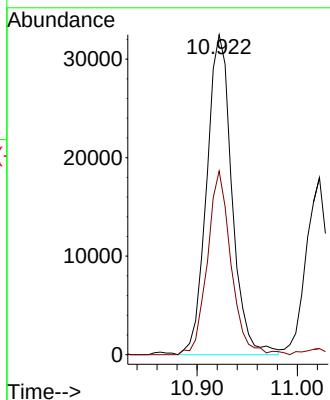
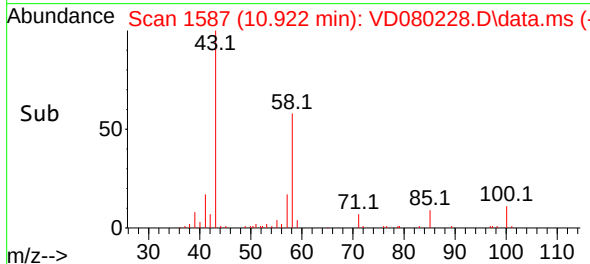
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



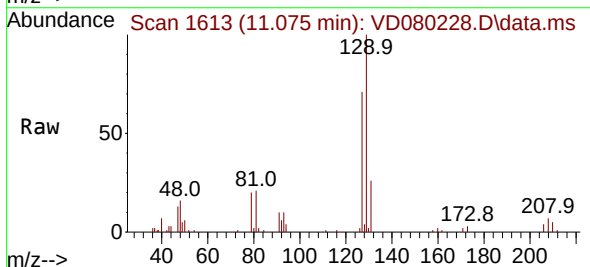
Tgt Ion: 43 Resp: 5692
Ion Ratio Lower Upper
43 100
58 53.8 27.4 82.2

Manual Integrations
APPROVED

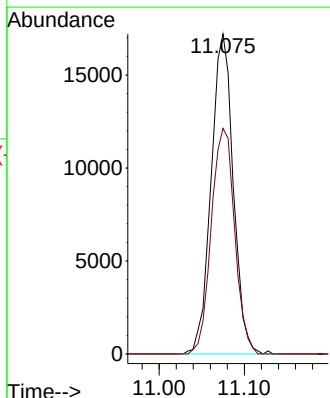
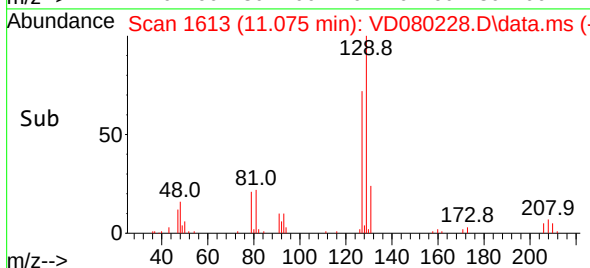
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

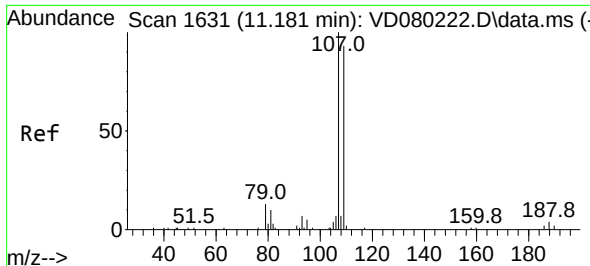


#60
Dibromochloromethane
Concen: 20.550 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion:129 Resp: 31045
Ion Ratio Lower Upper
129 100
127 74.3 38.1 114.5





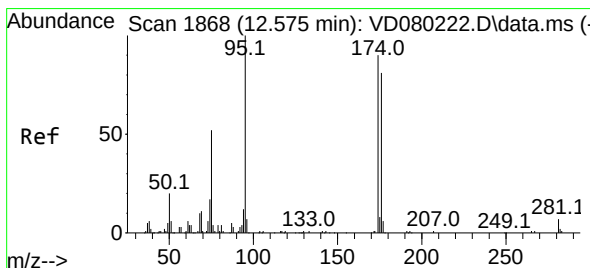
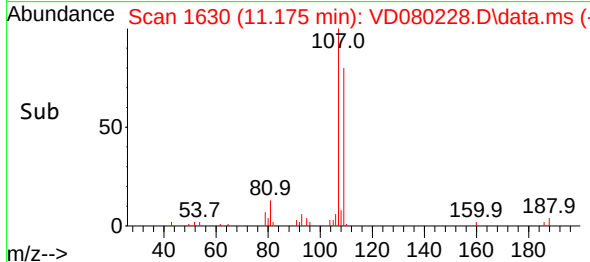
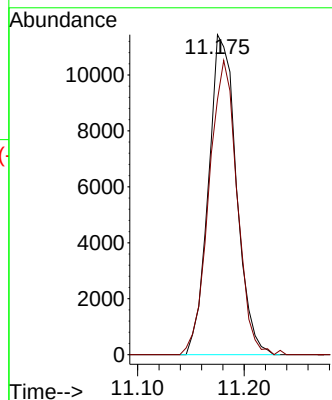
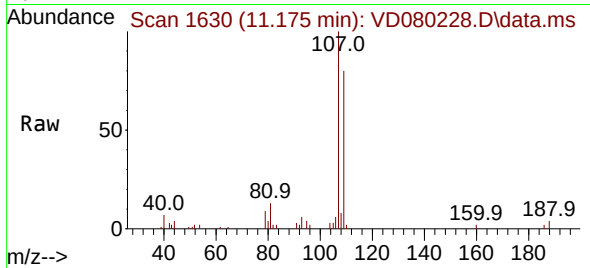
#61
1,2-Dibromoethane
Concen: 18.641 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:107 Resp: 2080
Ion Ratio Lower Upper
107 100
109 92.8 75.1 112.7

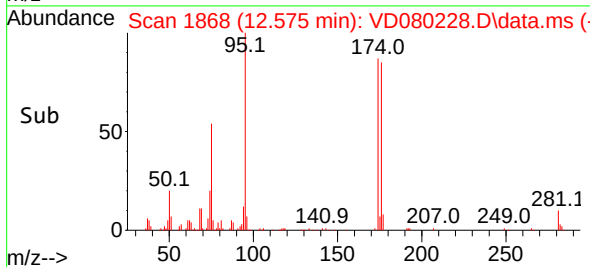
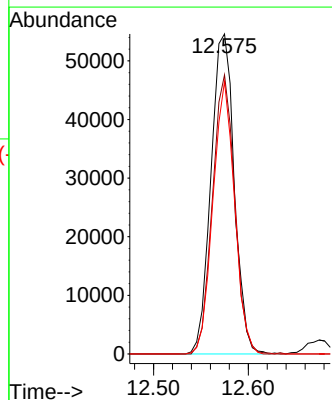
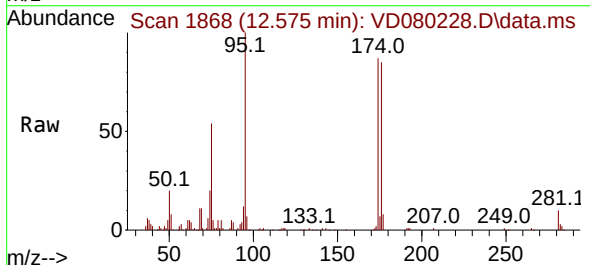
Manual Integrations
APPROVED

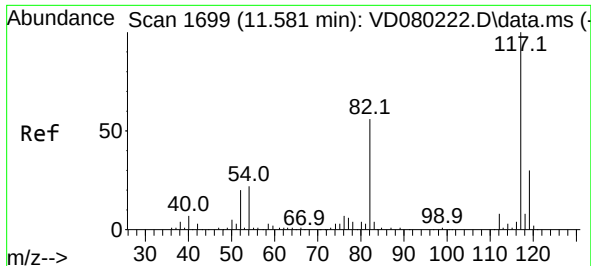
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#62
4-Bromofluorobenzene
Concen: 52.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

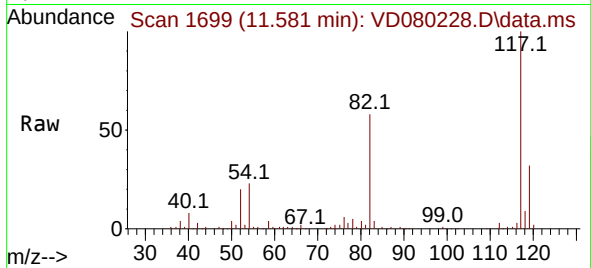
Tgt Ion: 95 Resp: 93022
Ion Ratio Lower Upper
95 100
174 83.5 0.0 171.8
176 79.2 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

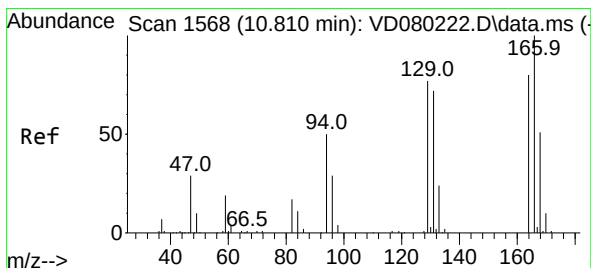
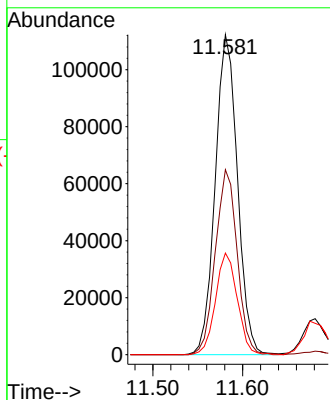
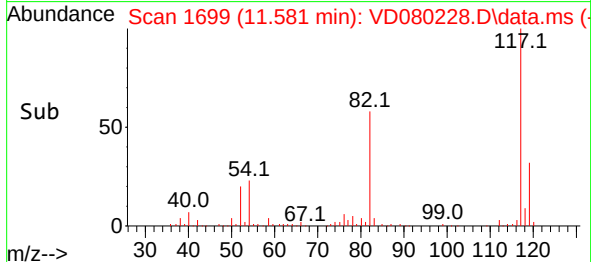
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



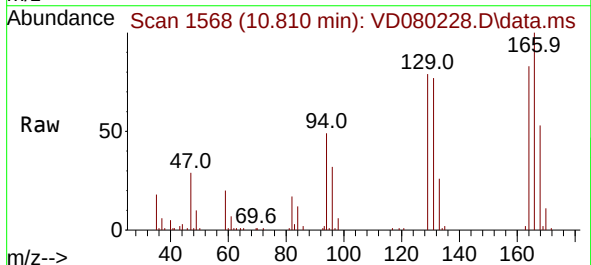
Tgt Ion:117 Resp: 19333
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.6
119 31.7 24.3 36.5

Manual Integrations
APPROVED

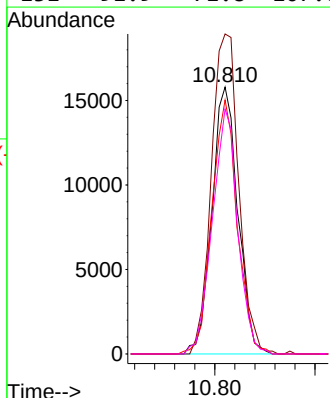
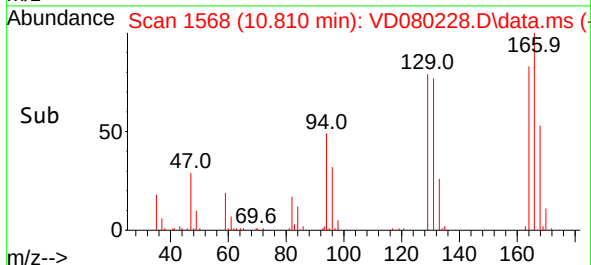
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

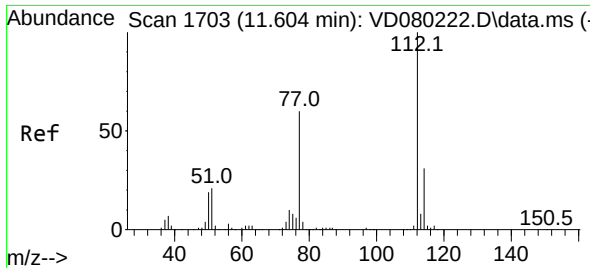


#64
Tetrachloroethene
Concen: 20.912 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



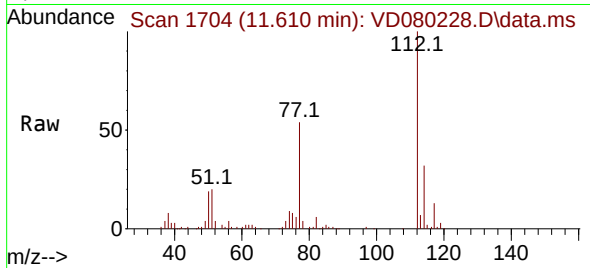
Tgt Ion:164 Resp: 28243
Ion Ratio Lower Upper
164 100
166 119.9 99.4 149.2
129 95.2 76.3 114.5
131 91.9 71.8 107.6





#65
Chlorobenzene
Concen: 19.913 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

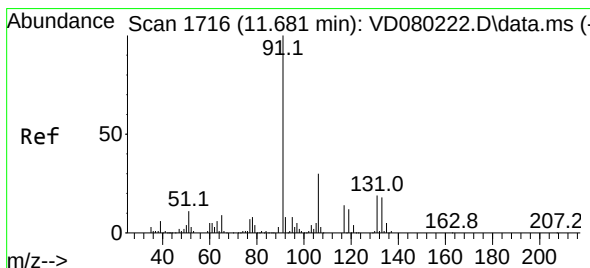
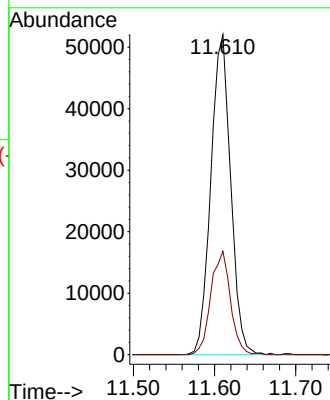
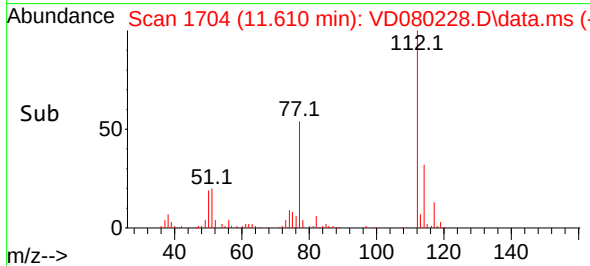
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion:112 Resp: 88249
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7

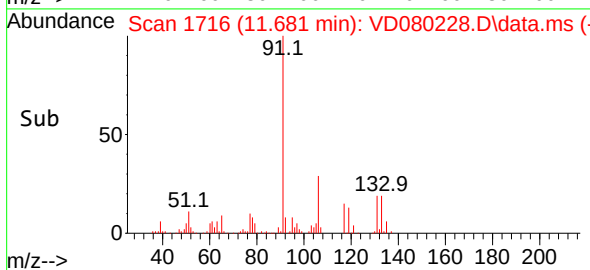
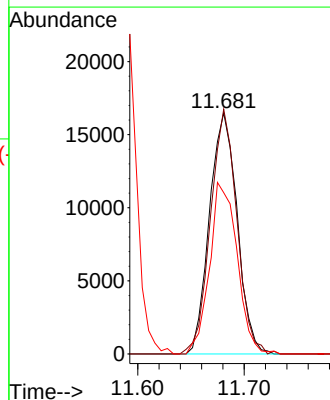
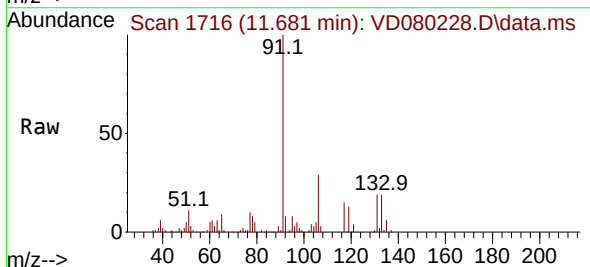
Manual Integrations
APPROVED

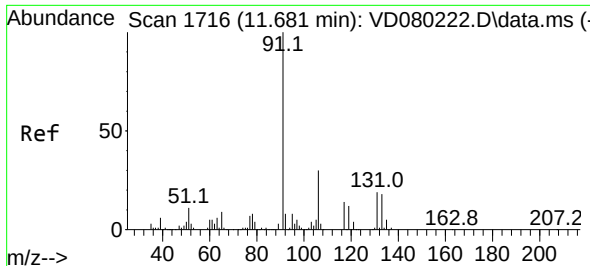
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.188 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:131 Resp: 29747
Ion Ratio Lower Upper
131 100
133 96.8 45.9 137.7
119 70.7 33.9 101.6





#67

Ethyl Benzene

Concen: 20.043 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion: 91 Resp: 14776

Ion Ratio Lower Upper

91 100

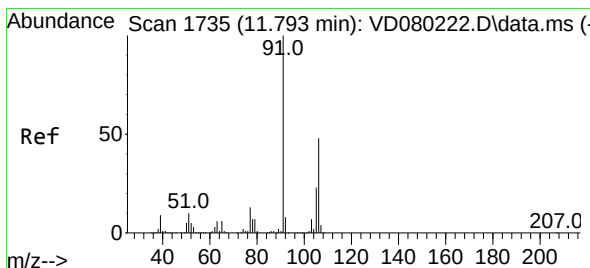
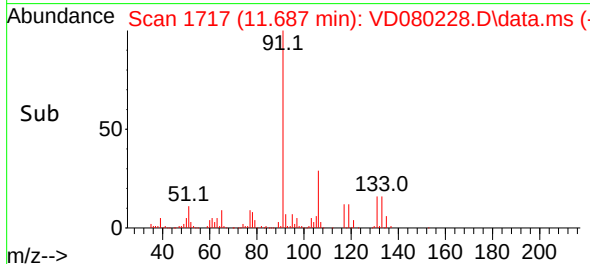
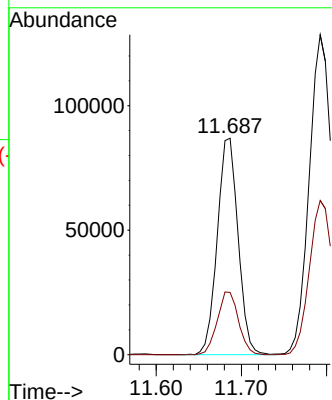
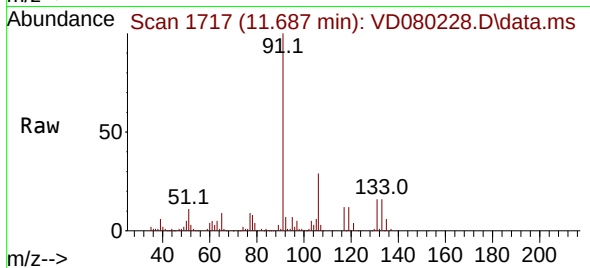
106 28.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#68

m/p-Xylenes

Concen: 41.064 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080228.D

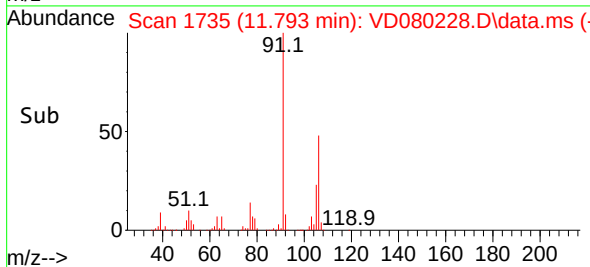
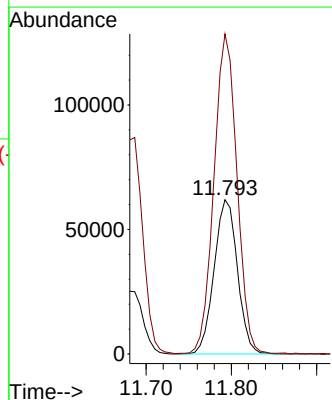
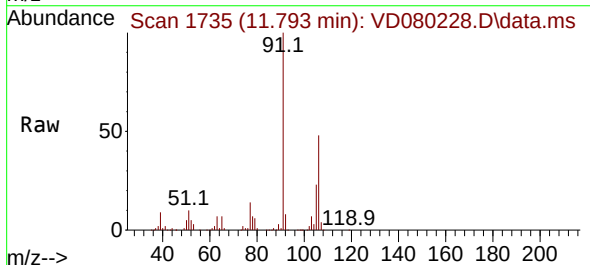
Acq: 03 Feb 2025 16:05

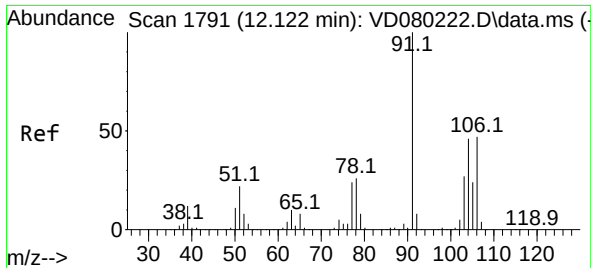
Tgt Ion:106 Resp: 117524

Ion Ratio Lower Upper

106 100

91 205.3 165.8 248.8





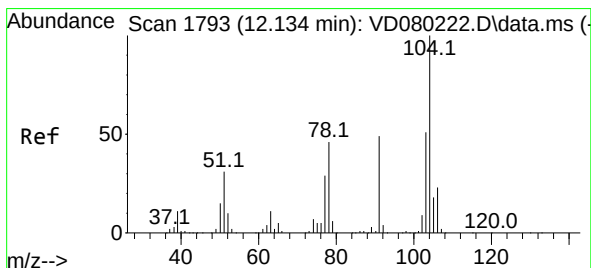
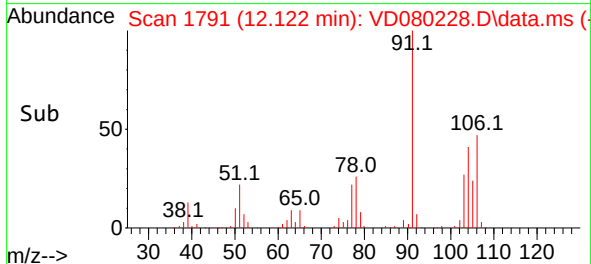
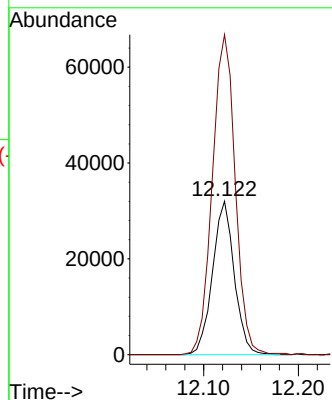
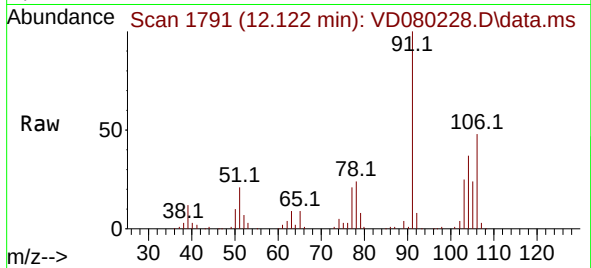
#69
o-Xylene
Concen: 19.553 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:106 Resp: 5103
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.3

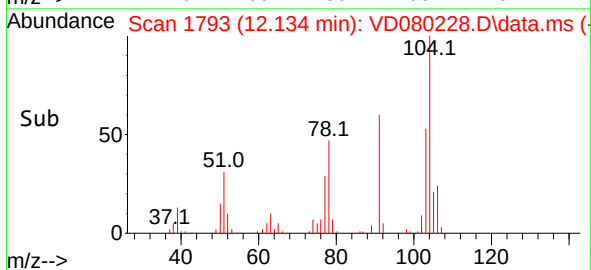
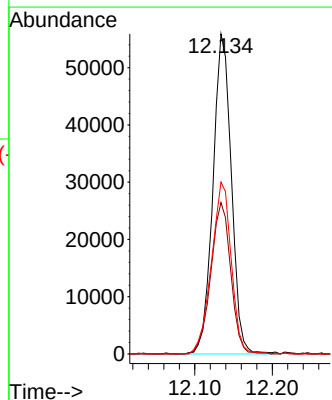
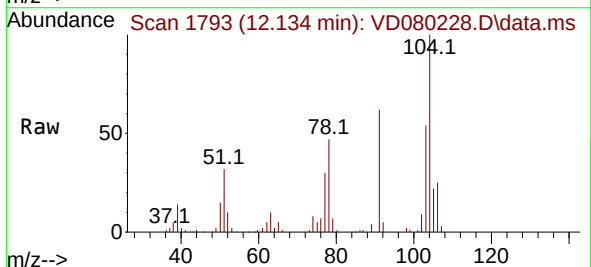
Manual Integrations
APPROVED

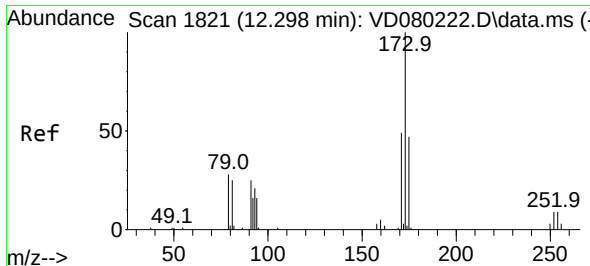
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#70
Styrene
Concen: 19.867 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

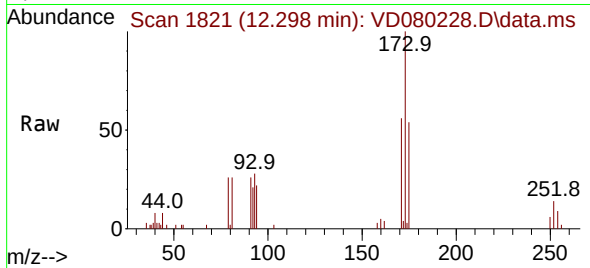
Tgt Ion:104 Resp: 92293
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 57.9 45.0 67.4





#71
Bromoform
Concen: 17.869 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

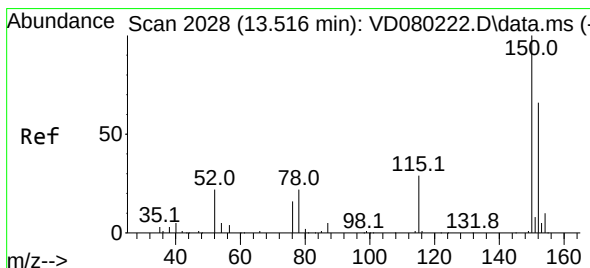
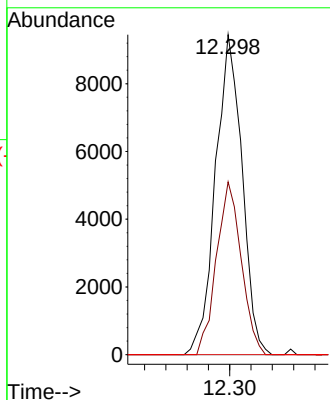
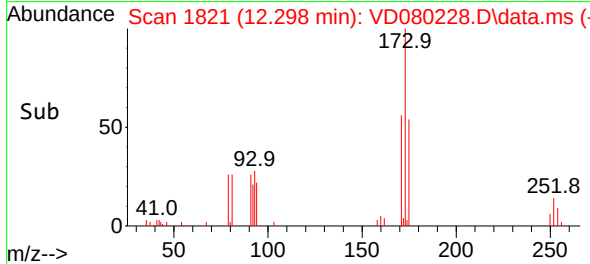
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



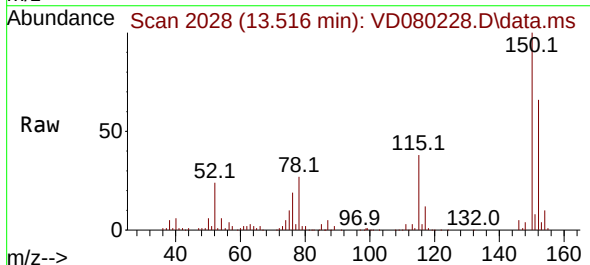
Tgt Ion:173 Resp: 1633
Ion Ratio Lower Upper
173 100
175 50.4 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

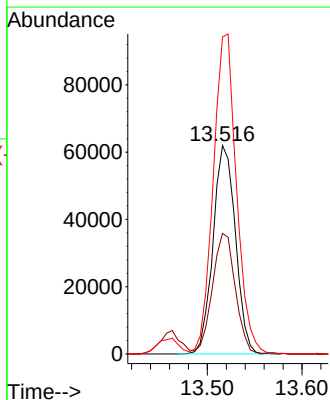
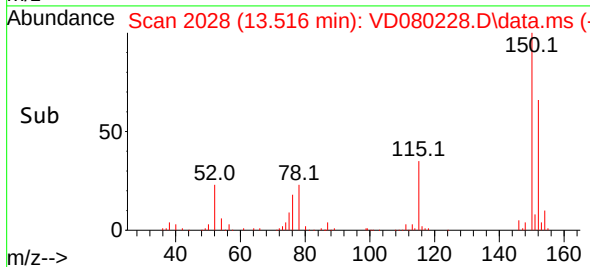
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

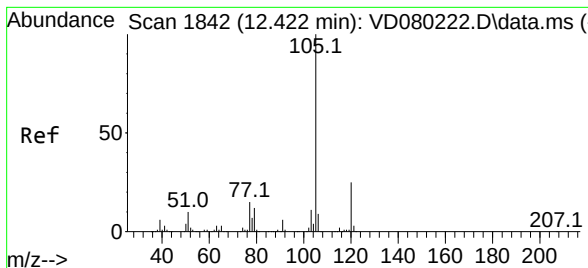


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion:152 Resp: 102108
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.1
150 159.3 0.0 350.4





#73

Isopropylbenzene

Concen: 19.362 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBS01

Tgt Ion:105 Resp: 13372

Ion Ratio Lower Upper

105 100

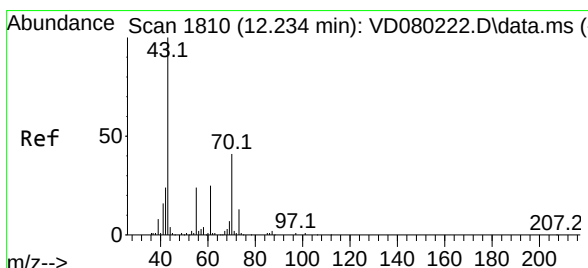
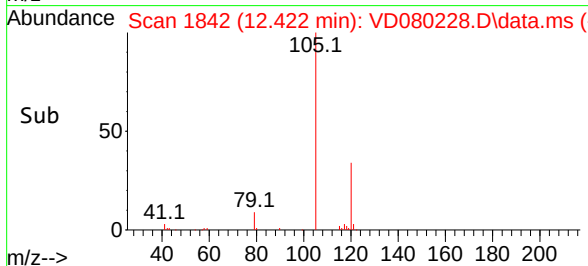
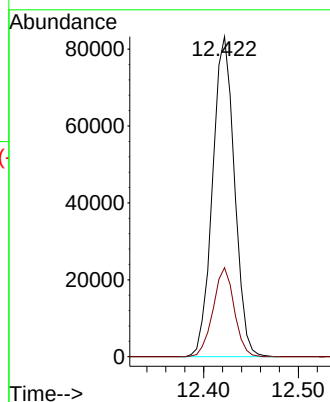
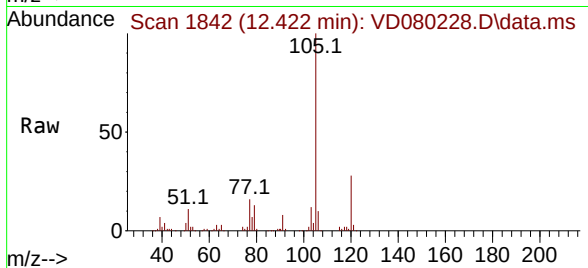
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#74

N-ethyl acetate

Concen: 18.577 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion: 43 Resp: 33726

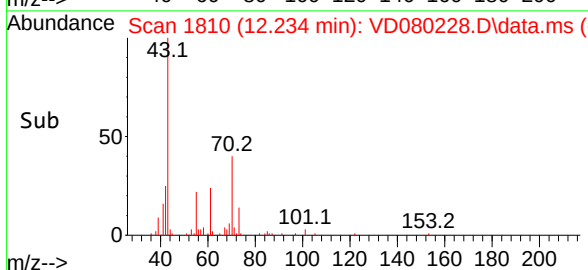
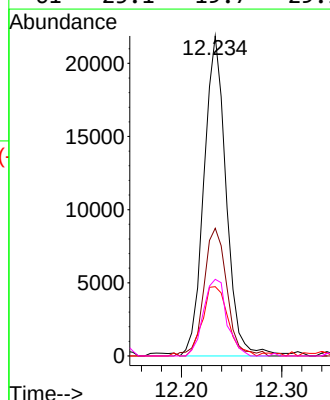
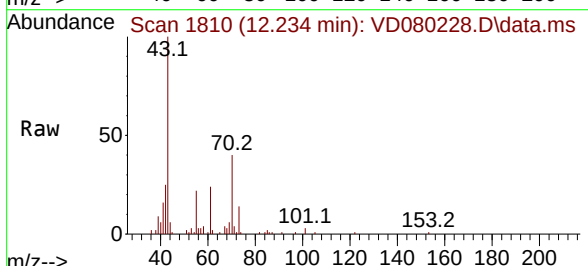
Ion Ratio Lower Upper

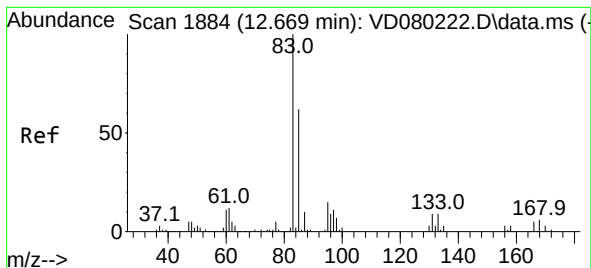
43 100

70 41.3 33.6 50.4

55 24.7 21.4 32.0

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.047 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

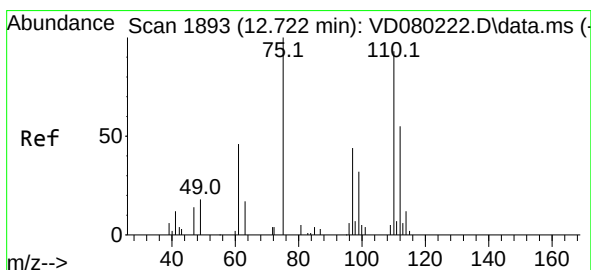
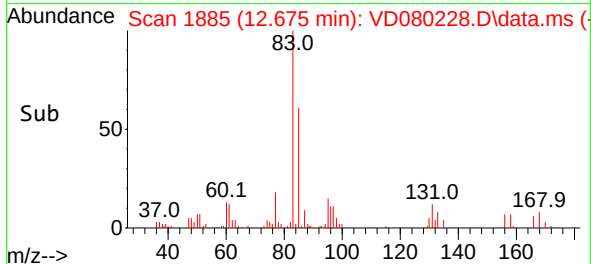
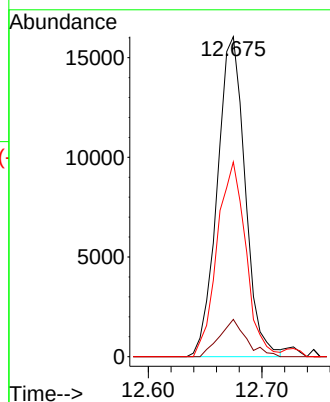
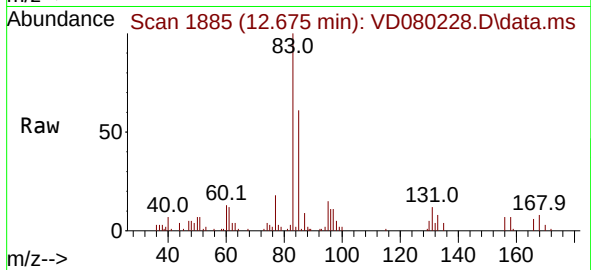
VD0203SBS01

Tgt Ion: 83 Resp: 27374
 Ion Ratio Lower Upper
 83 100
 131 11.3 4.9 14.6
 85 62.8 32.4 97.0

Manual Integrations

APPROVED

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



#76

1,2,3-Trichloropropane

Concen: 18.790 ug/l m

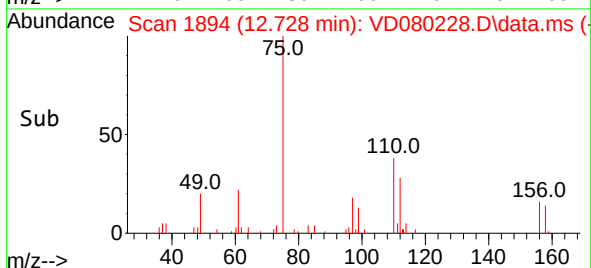
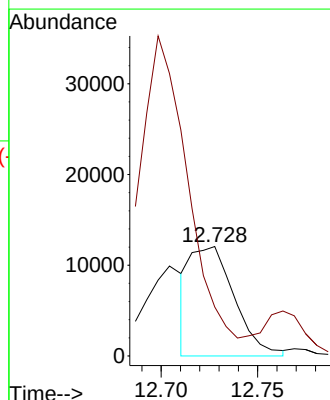
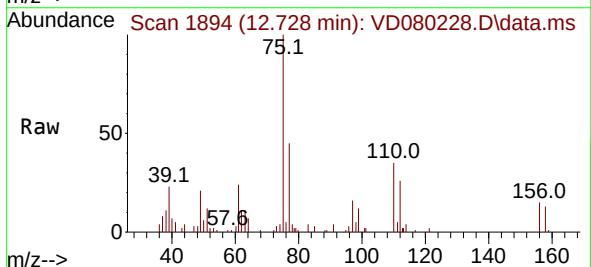
RT: 12.728 min Scan# 1894

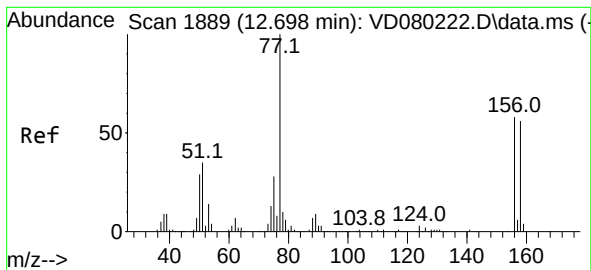
Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion: 75 Resp: 19407
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





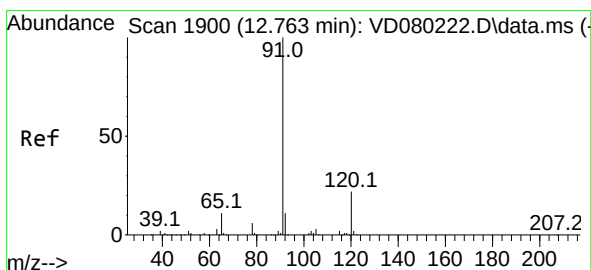
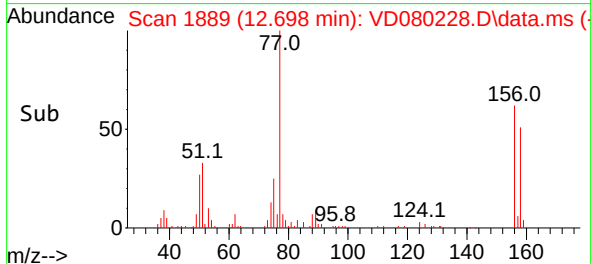
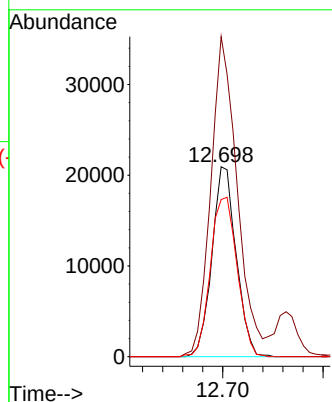
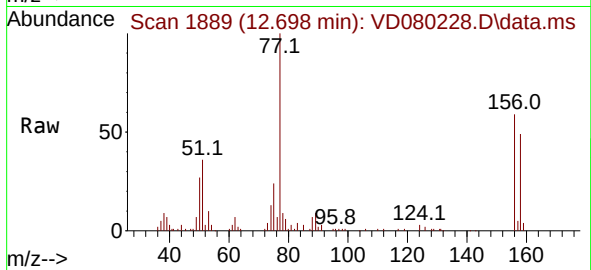
#77
Bromobenzene
Concen: 19.702 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:156 Resp: 35098
Ion Ratio Lower Upper
156 100
77 183.4 95.2 285.4
158 92.9 47.8 143.3

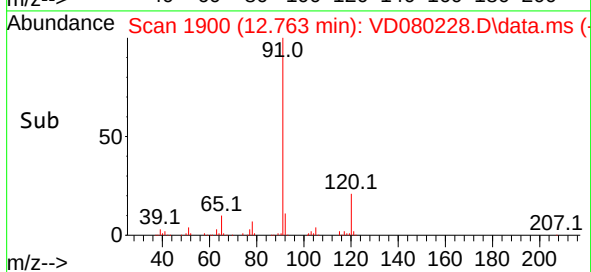
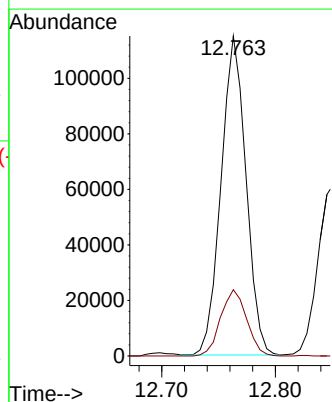
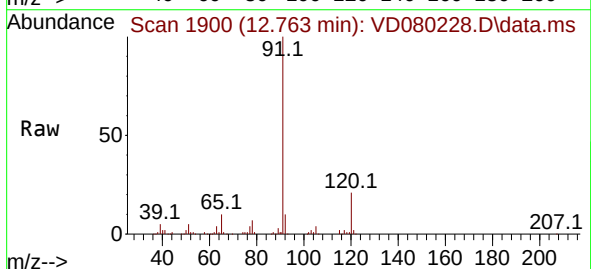
Manual Integrations
APPROVED

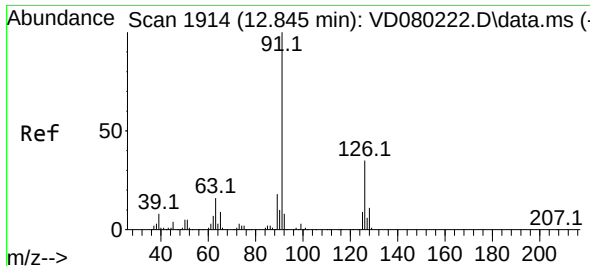
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#78
n-propylbenzene
Concen: 19.927 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

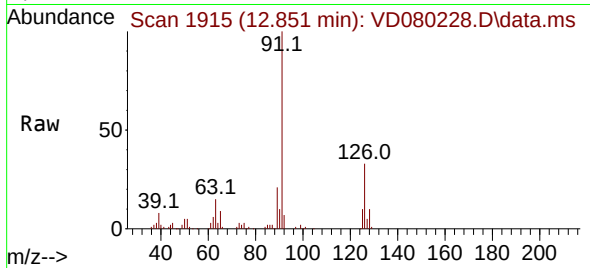
Tgt Ion: 91 Resp: 175227
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#79
2-Chlorotoluene
Concen: 20.382 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

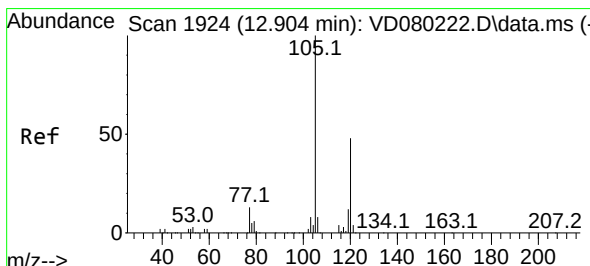
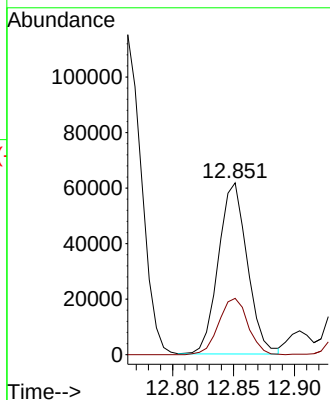
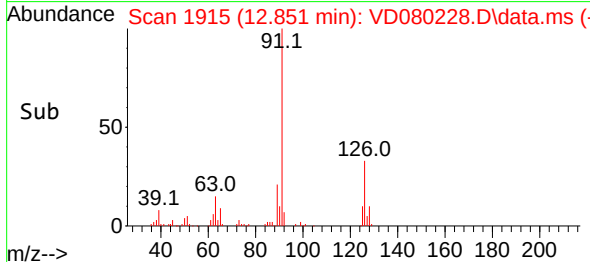
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



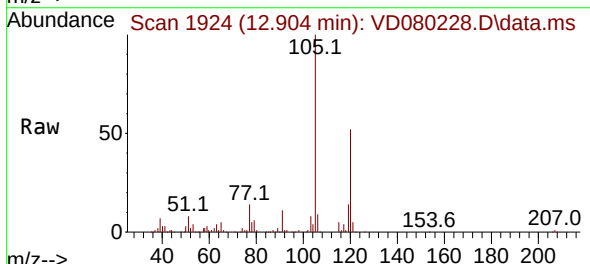
Tgt Ion: 91 Resp: 10182
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4

Manual Integrations
APPROVED

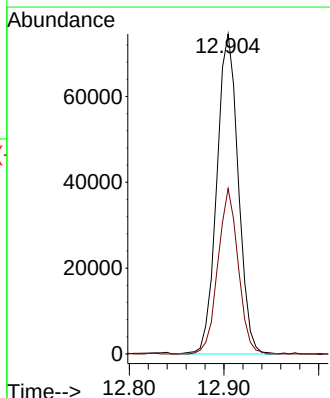
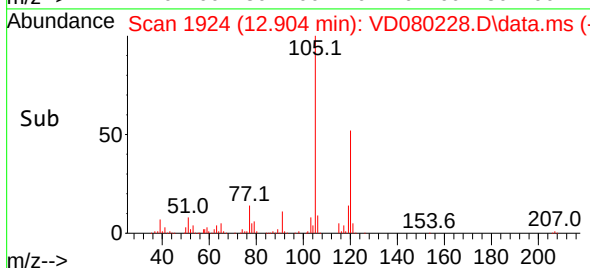
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

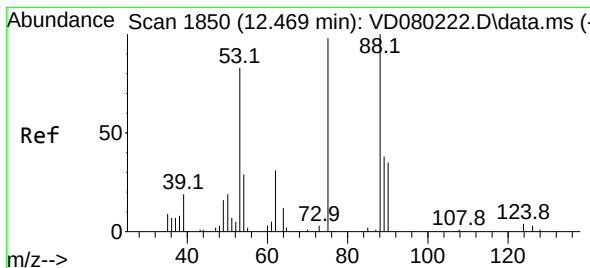


#80
1,3,5-Trimethylbenzene
Concen: 20.341 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



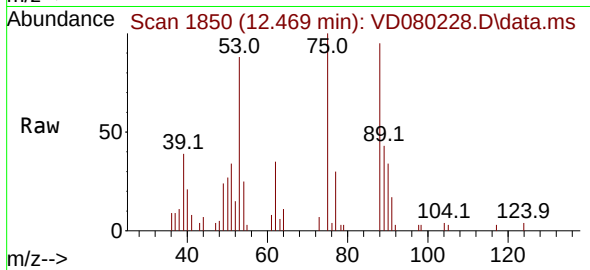
Tgt Ion:105 Resp: 117491
Ion Ratio Lower Upper
105 100
120 48.8 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.387 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

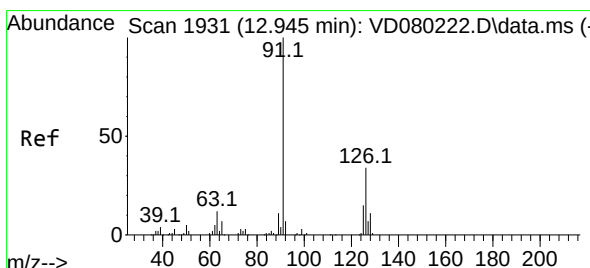
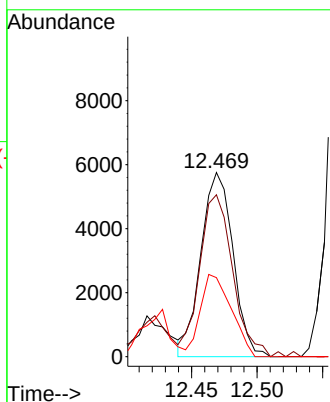
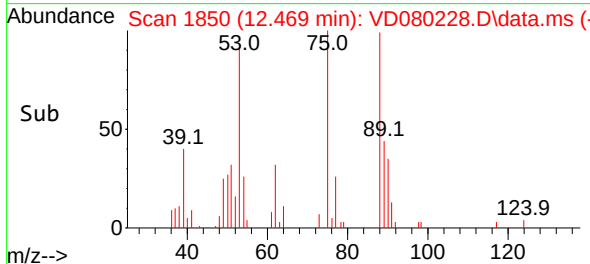
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
53 91.6 69.1 103.7
89 43.0 36.5 54.7

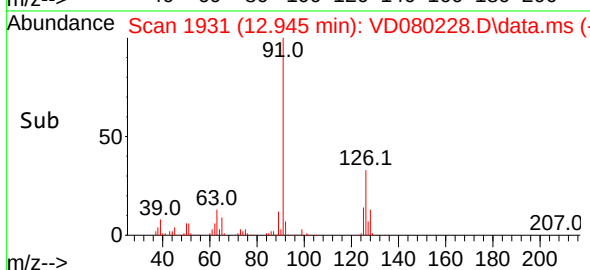
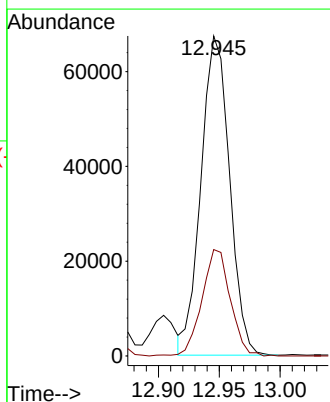
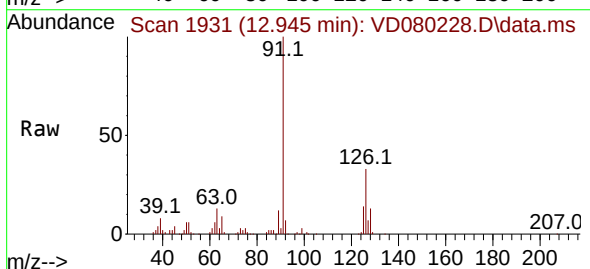
Manual Integrations
APPROVED

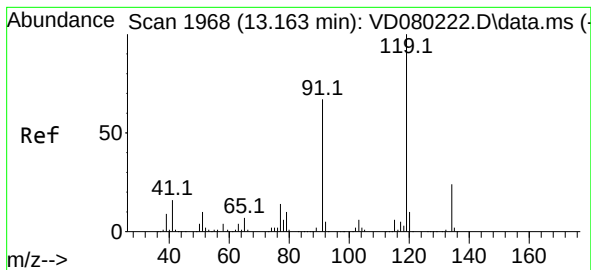
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#82
4-Chlorotoluene
Concen: 20.730 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 91 Resp: 110051
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.6





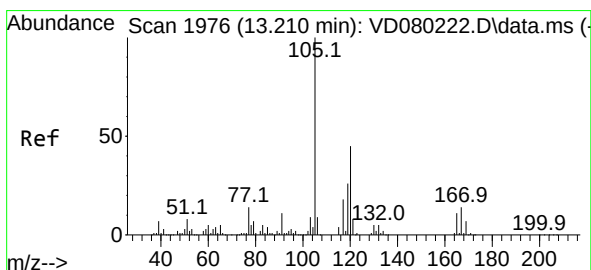
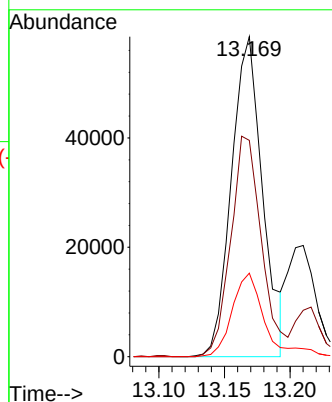
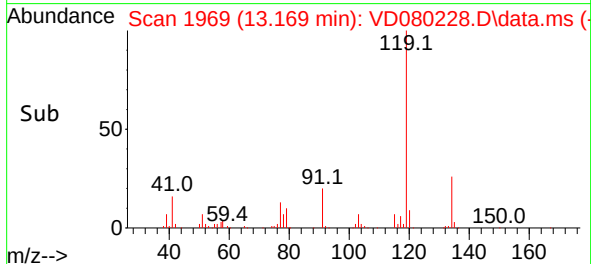
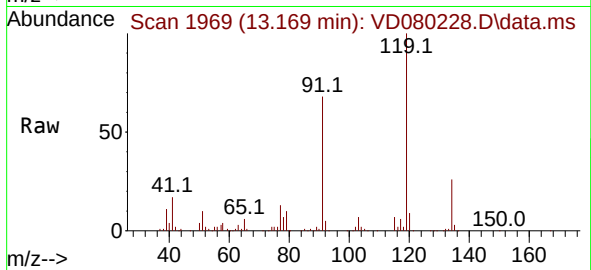
#83
tert-Butylbenzene
Concen: 20.494 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:119 Resp: 96774
Ion Ratio Lower Upper
119 100
91 68.5 34.5 103.5
134 27.2 13.0 38.9

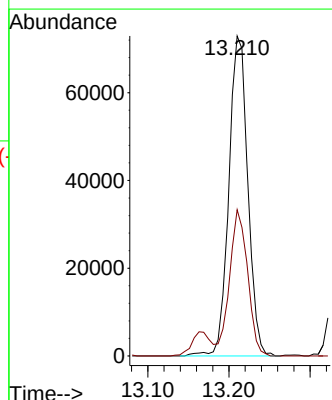
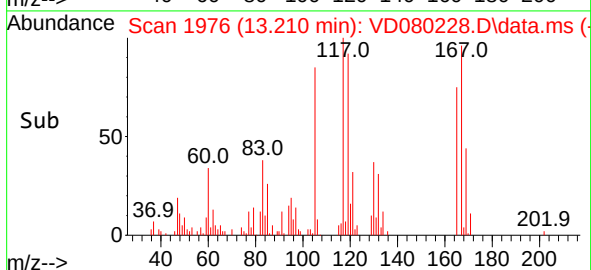
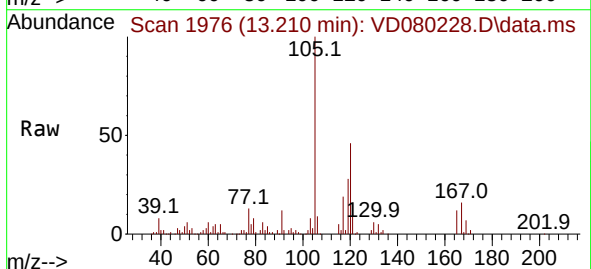
Manual Integrations
APPROVED

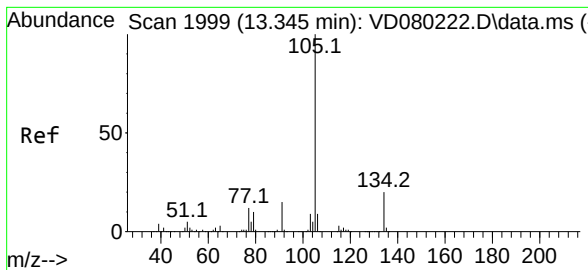
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.105 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:105 Resp: 118202
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





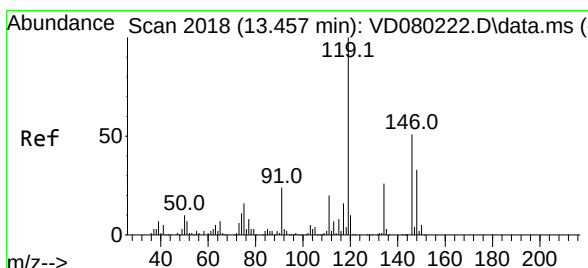
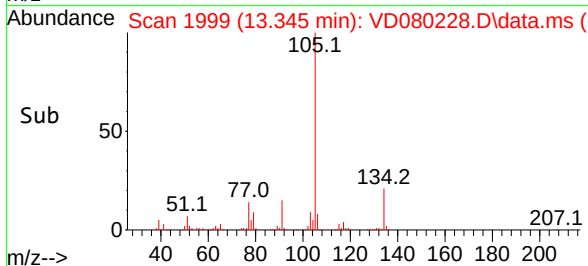
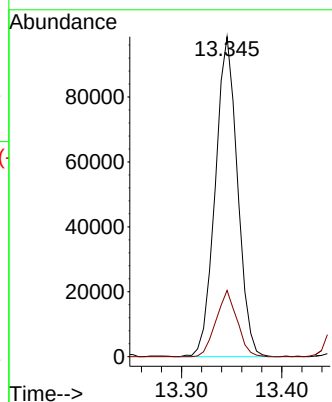
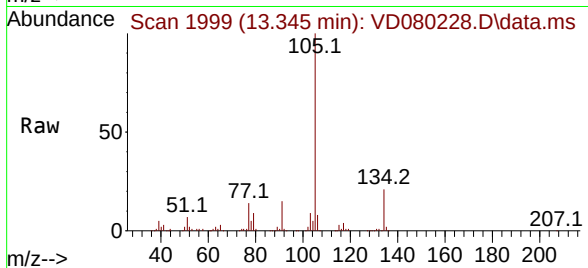
#85
 sec-Butylbenzene
 Concen: 20.984 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Tgt Ion:105 Resp: 151502
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

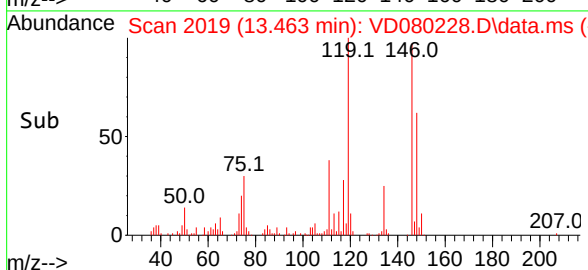
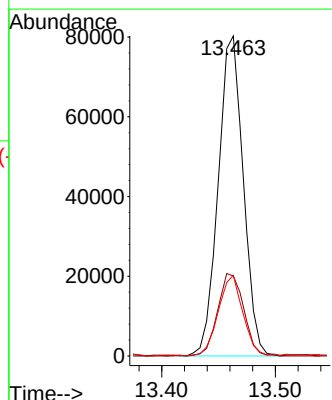
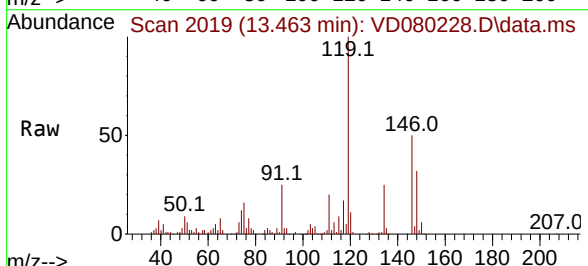
Manual Integrations
 APPROVED

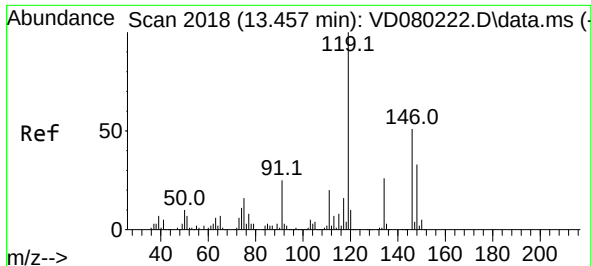
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#86
 p-Isopropyltoluene
 Concen: 19.961 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Tgt Ion:119 Resp: 123057
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.8 12.4 37.2





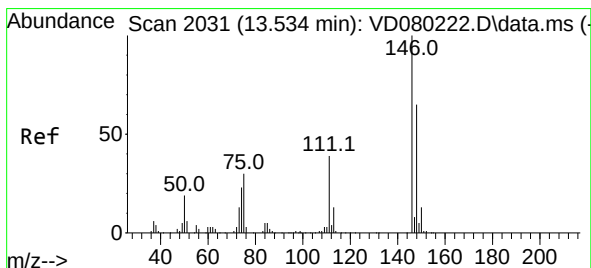
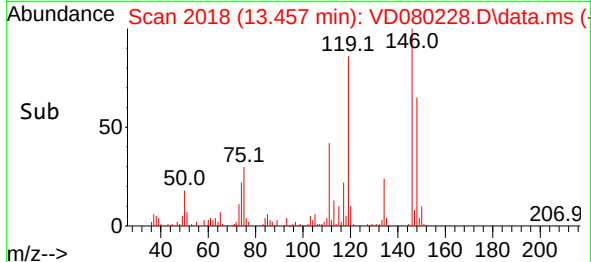
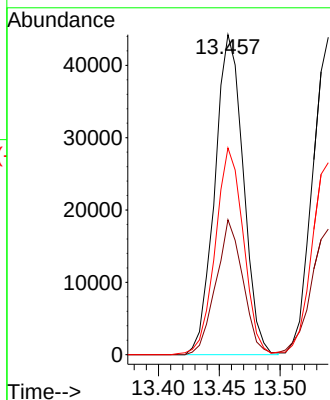
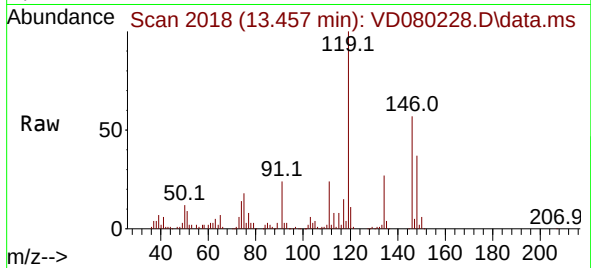
#87
1,3-Dichlorobenzene
Concen: 20.539 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:146 Resp: 7206
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 63.6 32.2 96.6

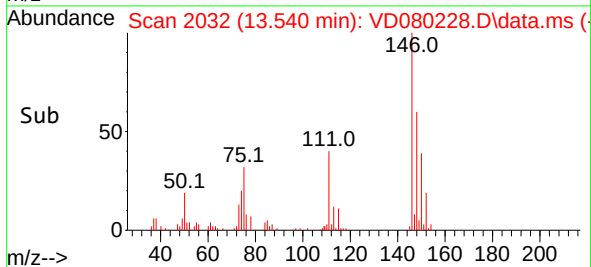
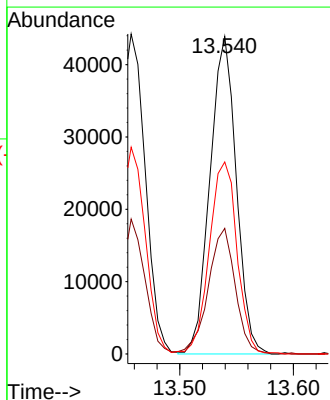
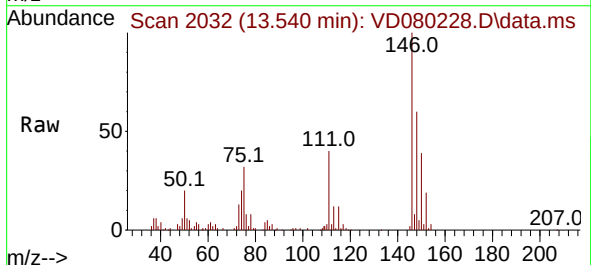
Manual Integrations
APPROVED

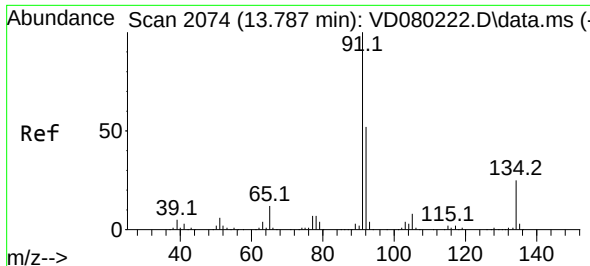
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#88
1,4-Dichlorobenzene
Concen: 19.926 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:146 Resp: 70767
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.8 32.3 96.8





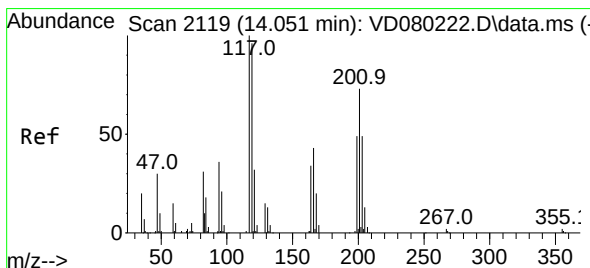
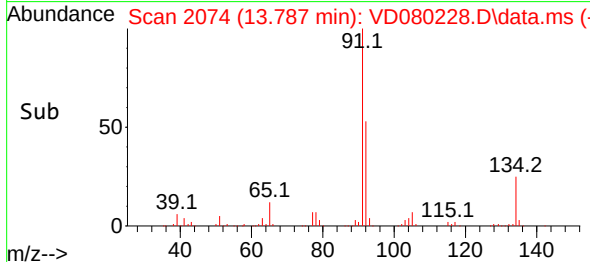
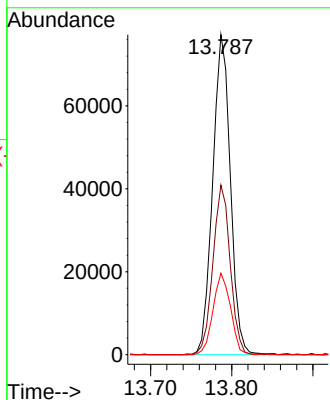
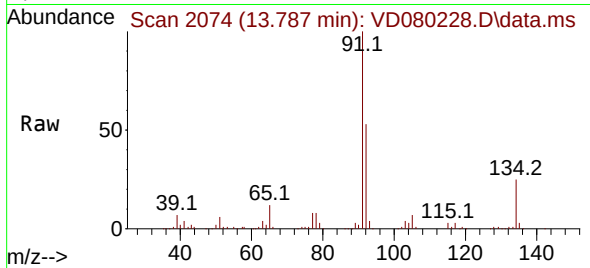
#89
n-Butylbenzene
Concen: 19.506 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion: 91 Resp: 11685
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 25.1 12.4 37.0

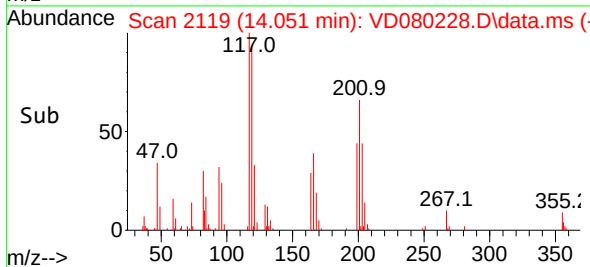
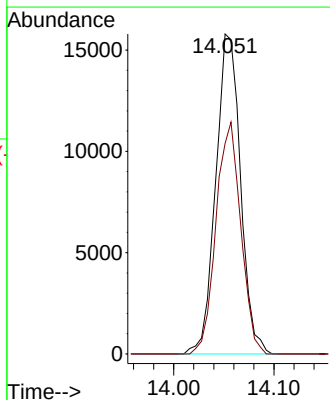
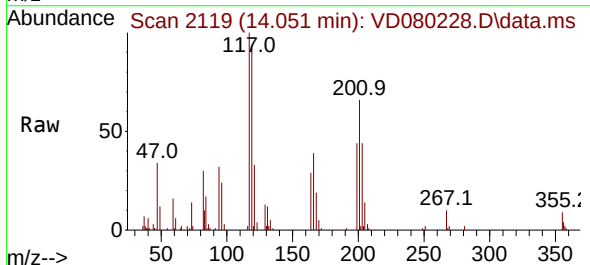
Manual Integrations
APPROVED

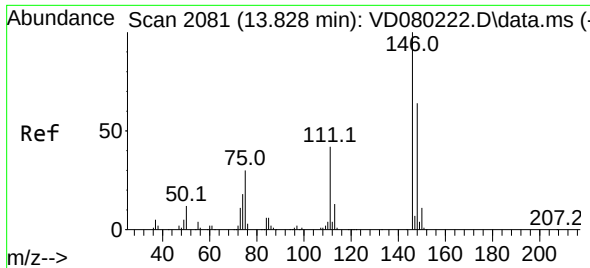
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#90
Hexachloroethane
Concen: 19.802 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:117 Resp: 27131
Ion Ratio Lower Upper
117 100
201 72.3 36.0 108.0





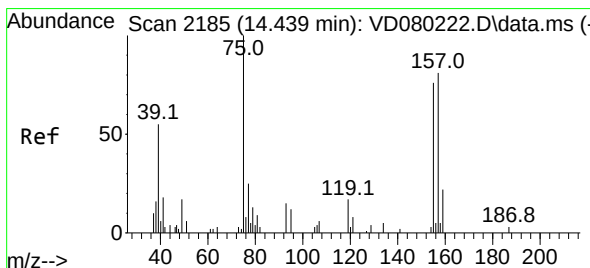
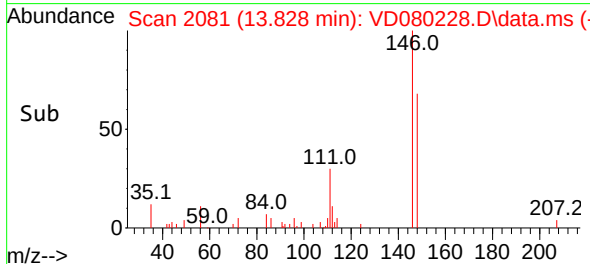
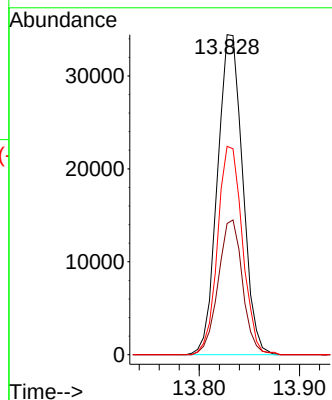
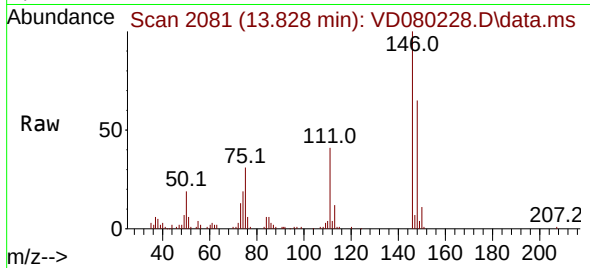
#91
1,2-Dichlorobenzene
Concen: 19.429 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01

Tgt Ion:146 Resp: 60070
Ion Ratio Lower Upper
146 100
111 40.8 21.0 63.0
148 64.2 32.5 97.5

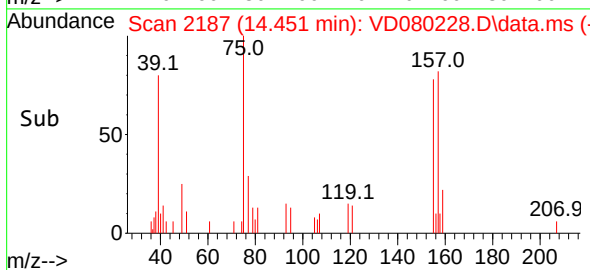
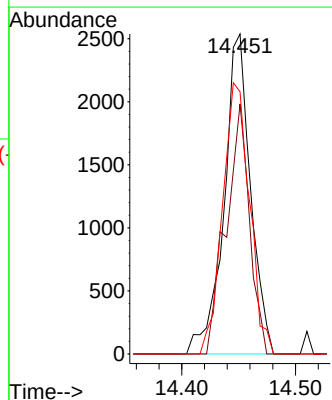
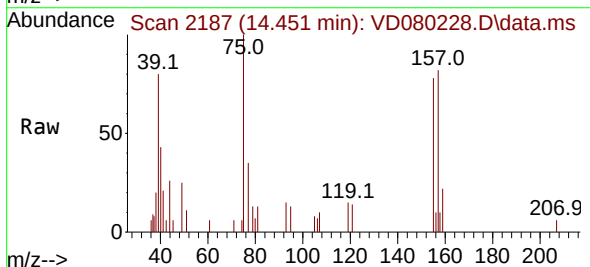
Manual Integrations
APPROVED

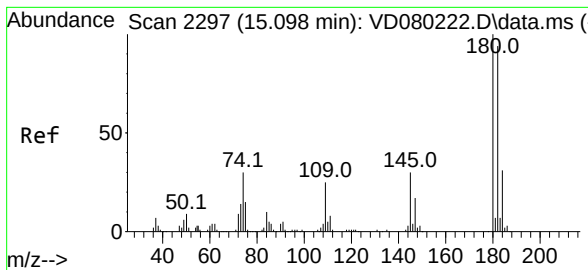
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.992 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

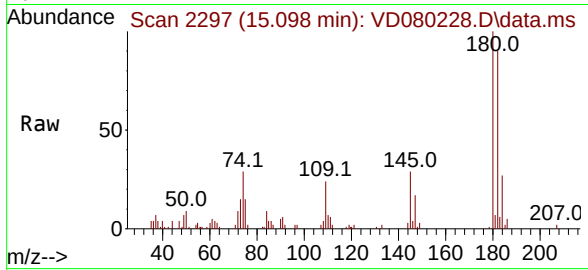
Tgt Ion: 75 Resp: 4114
Ion Ratio Lower Upper
75 100
155 68.9 41.5 124.6
157 86.0 50.5 151.5





#93
1,2,4-Trichlorobenzene
Concen: 15.554 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

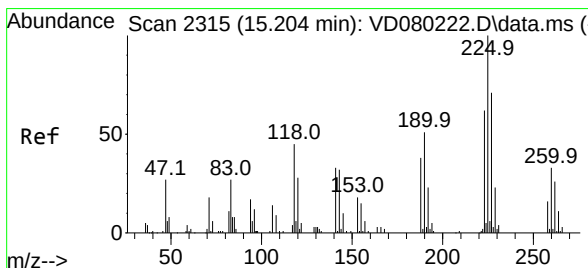
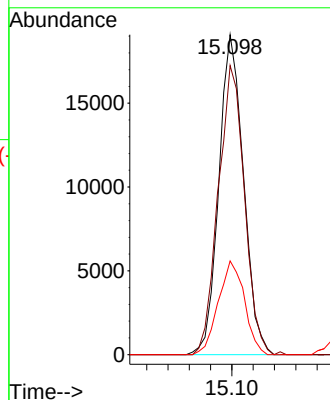
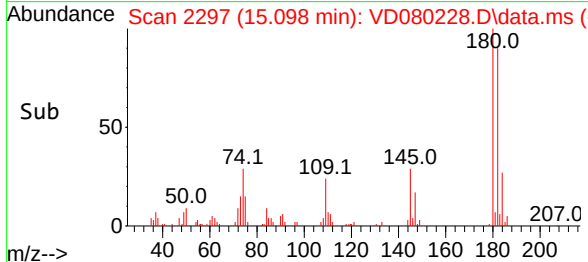
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



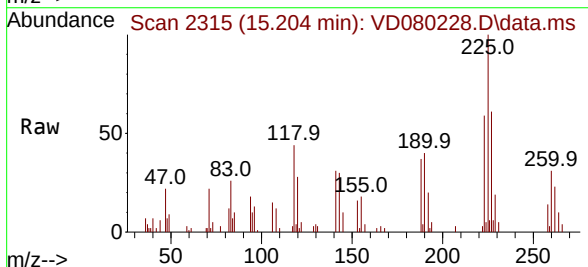
Tgt Ion:180 Resp: 3065
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 31.1 14.6 44.0

Manual Integrations
APPROVED

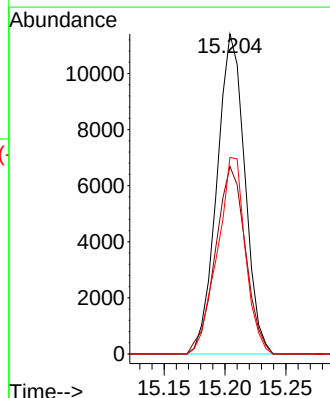
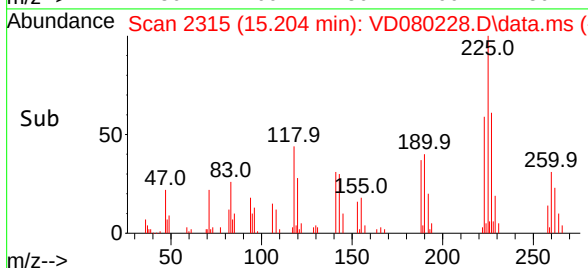
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

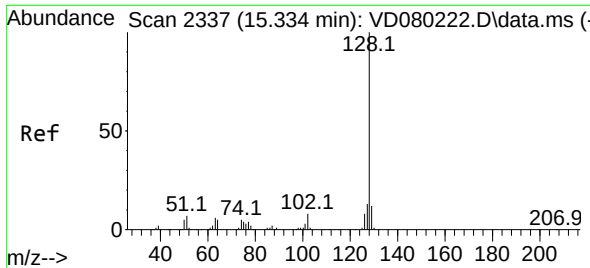


#94
Hexachlorobutadiene
Concen: 17.045 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



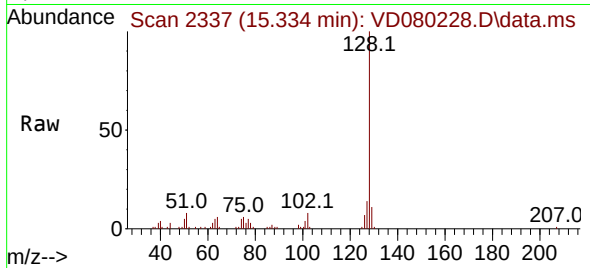
Tgt Ion:225 Resp: 18193
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 61.6 32.4 97.2





#95
Naphthalene
Concen: 15.982 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

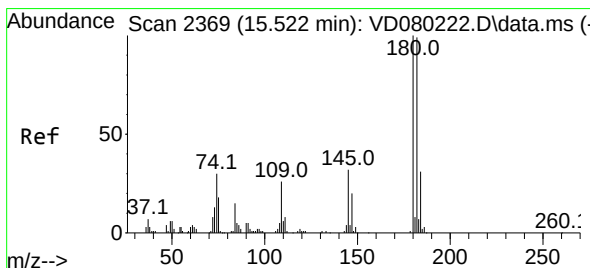
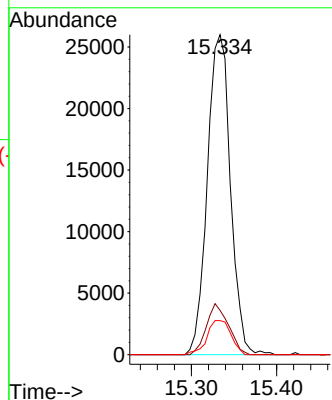
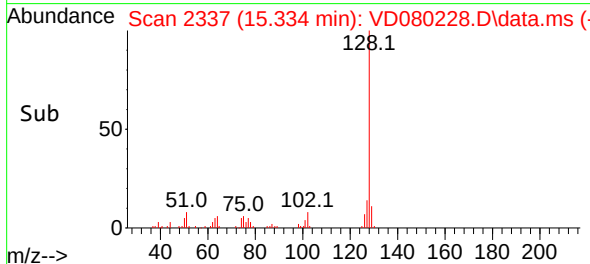
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBS01



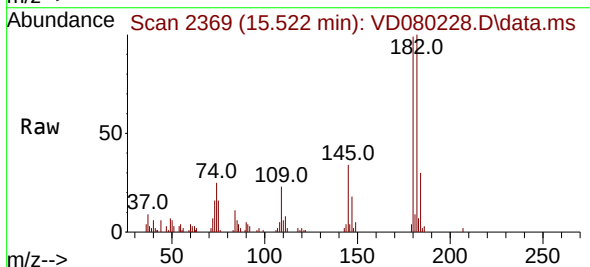
Tgt Ion:128 Resp: 49028
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 10.7 9.4 14.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.345 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion:180 Resp: 27292
Ion Ratio Lower Upper
180 100
182 95.8 47.3 142.0
145 32.2 15.6 46.7

