

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080235.D
 Acq On : 04 Feb 2025 13:02
 Operator : RP/MD
 Sample : VD0204SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

Quant Time: Feb 05 00:39:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	198480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82737	52.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.520%			
35) Dibromofluoromethane	7.799	113	78025	55.467	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.940%			
50) Toluene-d8	10.269	98	296441	56.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.660%			
62) 4-Bromofluorobenzene	12.575	95	98284	58.719	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	31824	24.611	ug/l	99
3) Chloromethane	2.152	50	56822	22.626	ug/l	100
4) Vinyl Chloride	2.281	62	65509	21.562	ug/l	96
5) Bromomethane	2.675	94	44257	20.841	ug/l	97
6) Chloroethane	2.828	64	45316	22.394	ug/l	93
7) Trichlorofluoromethane	3.164	101	52145	20.711	ug/l	93
8) Diethyl Ether	3.593	74	14809	21.500	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	31411	21.552	ug/l	98
10) Methyl Iodide	4.164	142	29138	26.821	ug/l	99
11) Tert butyl alcohol	5.058	59	9231m	106.560	ug/l	
12) 1,1-Dichloroethene	3.934	96	27949	20.244	ug/l	95
13) Acrolein	3.799	56	16242	99.438	ug/l	97
14) Allyl chloride	4.558	41	45431	21.353	ug/l	100
15) Acrylonitrile	5.263	53	33581	101.476	ug/l	97
16) Acetone	4.028	43	26463	104.703	ug/l	96
17) Carbon Disulfide	4.264	76	101592	20.403	ug/l	97
18) Methyl Acetate	4.569	43	19353	22.693	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	61777	20.325	ug/l	96
20) Methylene Chloride	4.799	84	36044	21.015	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	33114	21.113	ug/l	98
22) Diisopropyl ether	6.216	45	96868	21.877	ug/l	97
23) Vinyl Acetate	6.158	43	269002	105.231	ug/l	100
24) 1,1-Dichloroethane	6.110	63	60863	20.969	ug/l	97
25) 2-Butanone	7.087	43	40200	102.544	ug/l	98
26) 2,2-Dichloropropane	7.081	77	51711	20.540	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	35798	20.203	ug/l	98
28) Bromochloromethane	7.422	49	25893	19.548	ug/l	95
29) Tetrahydrofuran	7.446	42	26910	104.804	ug/l	99
30) Chloroform	7.593	83	63422	21.372	ug/l	94
31) Cyclohexane	7.875	56	46406	19.972	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	50081	20.172	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41912	20.802	ug/l	100
37) Ethyl Acetate	7.175	43	19850	20.092	ug/l	94
38) Carbon Tetrachloride	7.987	117	44444	21.119	ug/l	92
39) Methylcyclohexane	9.269	83	42850	19.576	ug/l	92
40) Benzene	8.252	78	133266	21.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9572	17.601	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	38341	21.334	ug/l	99
43) Isopropyl Acetate	8.363	43	38233	21.805	ug/l #	87
44) Trichloroethene	9.028	130	31150	21.351	ug/l	90
45) 1,2-Dichloropropane	9.304	63	34269	21.573	ug/l	95
46) Dibromomethane	9.393	93	19574	22.117	ug/l	97
47) Bromodichloromethane	9.587	83	46862	20.998	ug/l	98
48) Methyl methacrylate	9.381	41	18822m	23.197	ug/l	
49) 1,4-Dioxane	9.393	88	4229	439.259	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	97378	109.829	ug/l	97
52) Toluene	10.334	92	82737	22.398	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	42078	22.117	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	49708	21.479	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	24615	21.406	ug/l	96
56) Ethyl methacrylate	10.598	69	27944	21.297	ug/l	94
57) 1,3-Dichloropropane	10.881	76	40823	21.463	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	61423	109.681	ug/l	97
59) 2-Hexanone	10.922	43	64034	110.061	ug/l	97
60) Dibromochloromethane	11.075	129	32088	22.639	ug/l	100
61) 1,2-Dibromoethane	11.181	107	22861	21.829	ug/l	99
64) Tetrachloroethene	10.810	164	26079	19.863	ug/l	94
65) Chlorobenzene	11.604	112	88045	20.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	31381	20.822	ug/l	96
67) Ethyl Benzene	11.681	91	141870	19.796	ug/l	98
68) m/p-Xylenes	11.793	106	113323	40.731	ug/l	99
69) o-Xylene	12.122	106	50691	19.980	ug/l	99
70) Styrene	12.134	104	92785	20.545	ug/l	98
71) Bromoform	12.298	173	19024	21.412	ug/l #	94
73) Isopropylbenzene	12.422	105	130864	18.429	ug/l	100
74) N-amyl acetate	12.234	43	36618	19.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28980	19.613	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	24273m	22.859	ug/l	
77) Bromobenzene	12.698	156	35859	19.578	ug/l	99
78) n-propylbenzene	12.763	91	173693	19.212	ug/l	99
79) 2-Chlorotoluene	12.851	91	102158	19.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	116744	19.659	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	10160	19.565	ug/l	93
82) 4-Chlorotoluene	12.945	91	110613	20.266	ug/l	99
83) tert-Butylbenzene	13.163	119	92126	18.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	118680	19.634	ug/l	98
85) sec-Butylbenzene	13.345	105	146083	19.680	ug/l	99
86) p-Isopropyltoluene	13.457	119	123698	19.516	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	73165	20.281	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	74757	20.474	ug/l	100
89) n-Butylbenzene	13.787	91	121116	19.664	ug/l	97
90) Hexachloroethane	14.051	117	28443	20.191	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	64553	20.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4650	19.780	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	37746	18.628	ug/l	96
94) Hexachlorobutadiene	15.198	225	20651	18.818	ug/l	97
95) Naphthalene	15.334	128	64778	20.358	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	35887	19.625	ug/l	97

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Response via : Initial Calibration

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

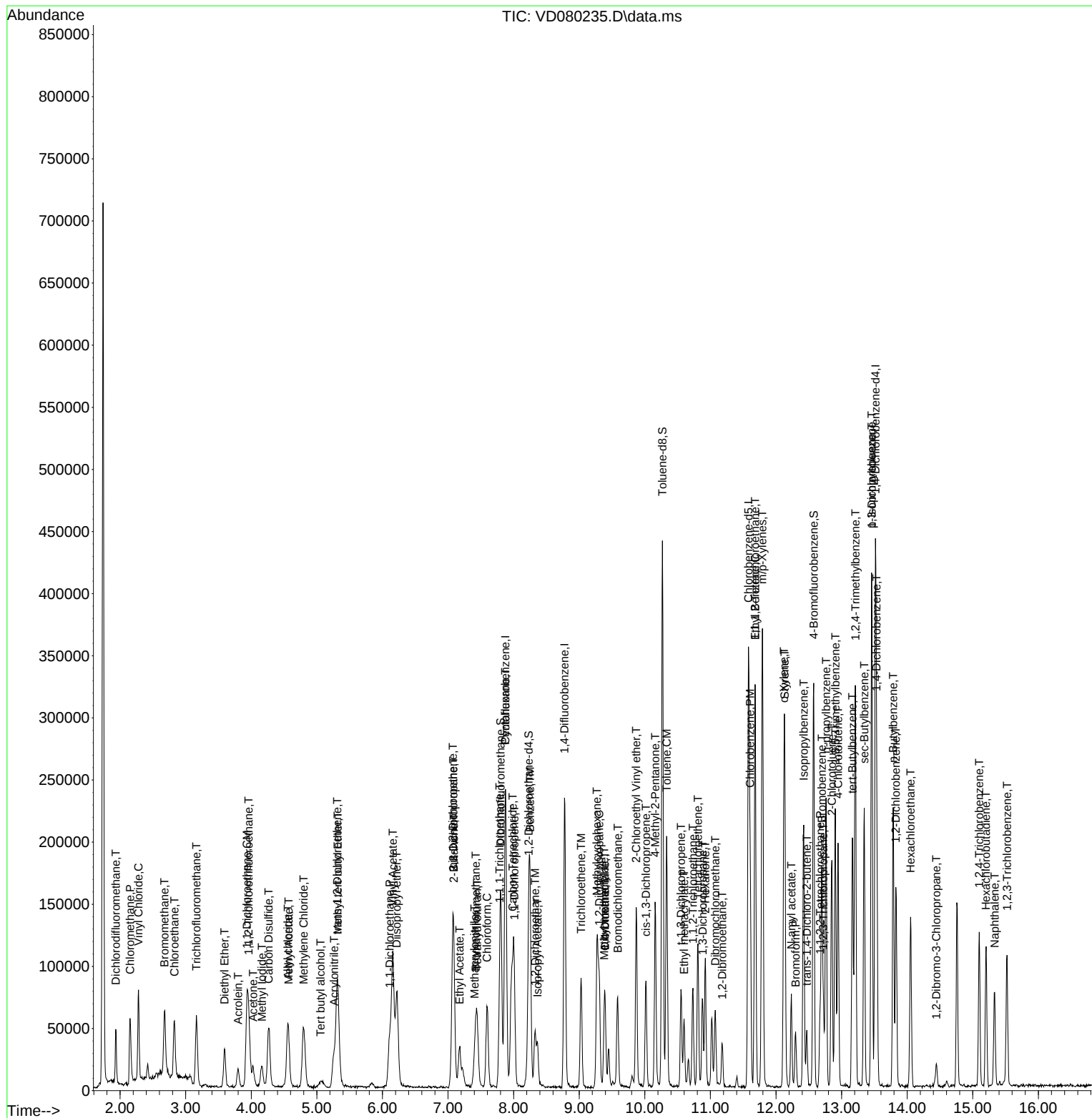
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
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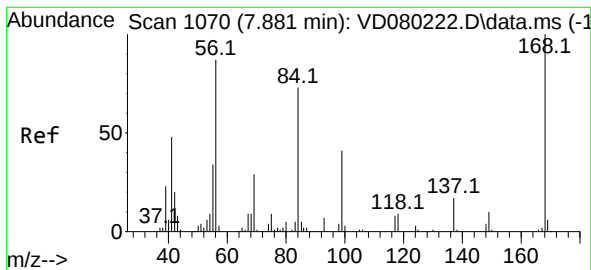
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion:168 Resp: 120560

Ion Ratio Lower Upper

168 100

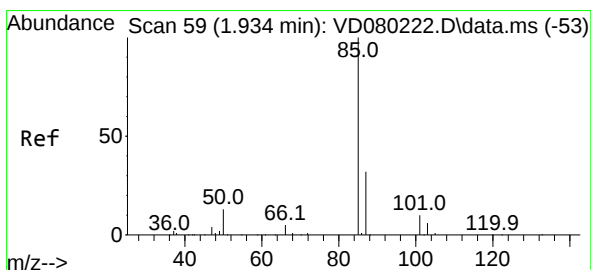
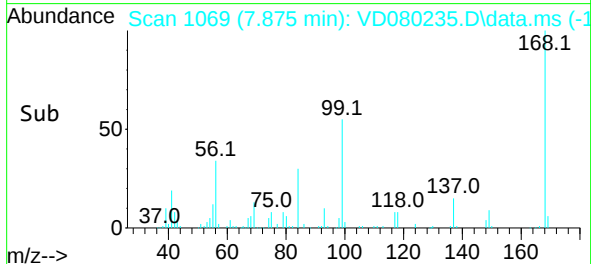
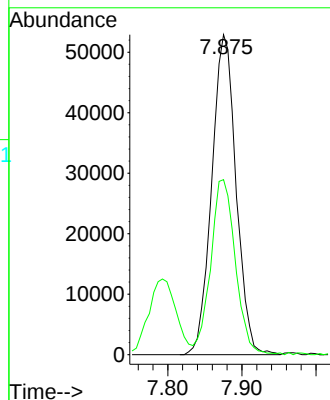
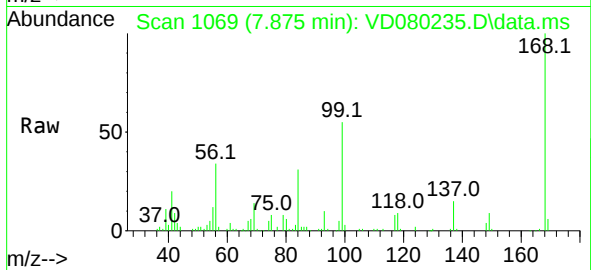
99 54.2 44.4 66.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 24.611 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080235.D

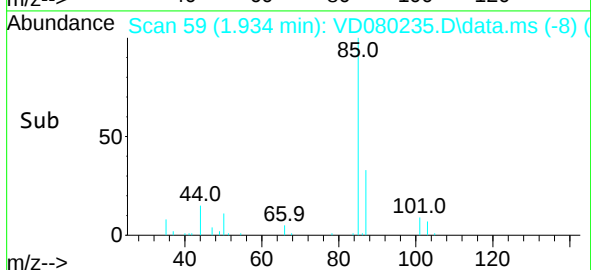
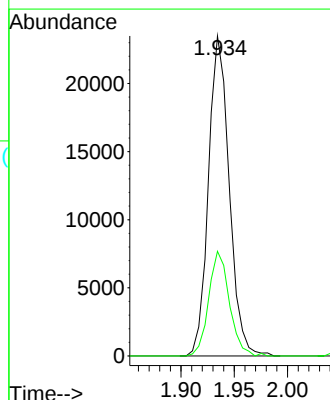
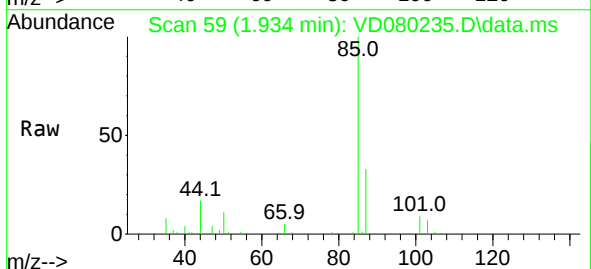
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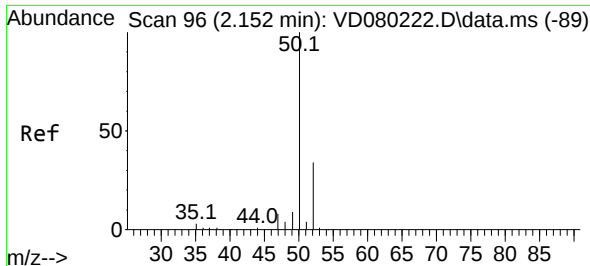
Tgt Ion: 85 Resp: 31824

Ion Ratio Lower Upper

85 100

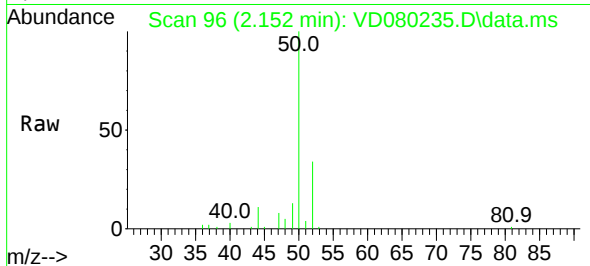
87 32.7 16.0 47.9





#3
Chloromethane
Concen: 22.626 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

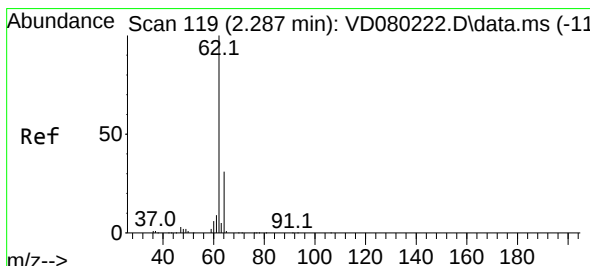
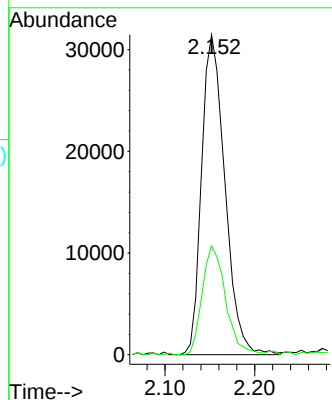
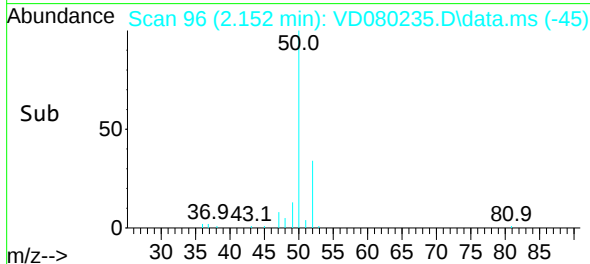
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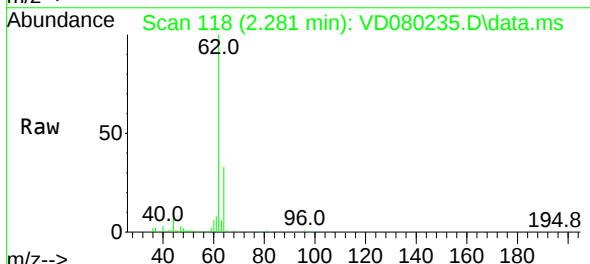
Tgt Ion: 50 Resp: 5682
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8

Manual Integrations
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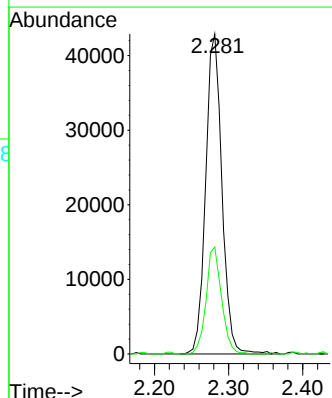
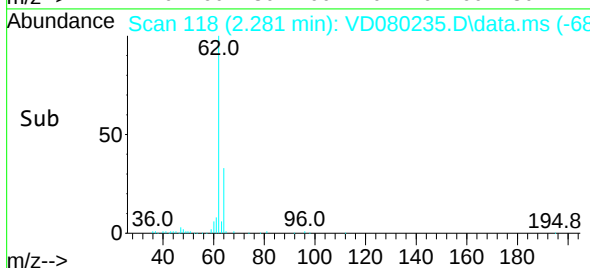
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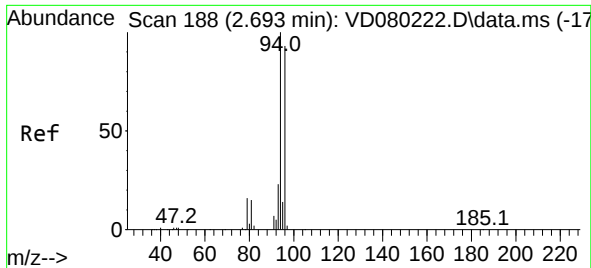


#4
Vinyl Chloride
Concen: 21.562 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



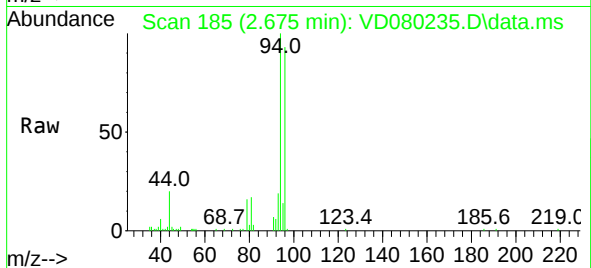
Tgt Ion: 62 Resp: 65509
Ion Ratio Lower Upper
62 100
64 33.5 24.8 37.2





#5
Bromomethane
Concen: 20.841 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

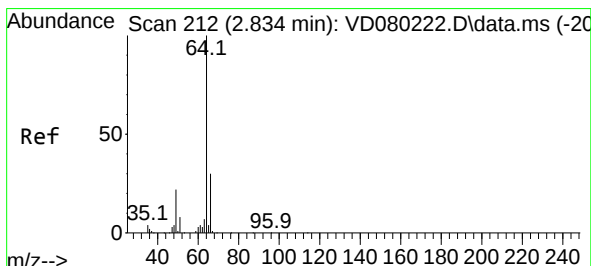
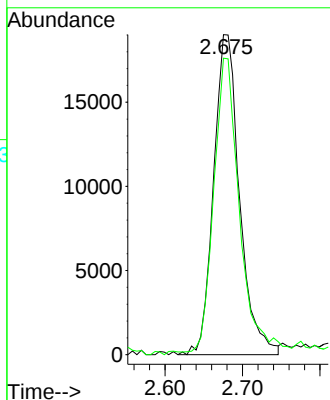
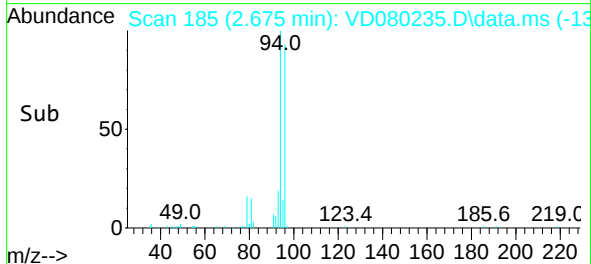
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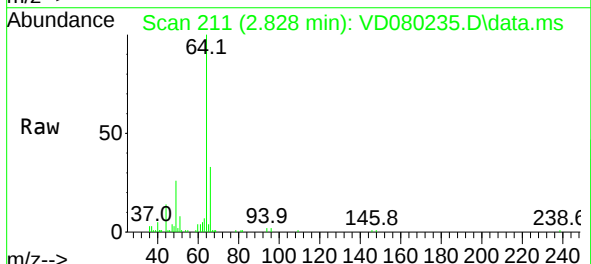
Tgt Ion: 94 Resp: 4425
Ion Ratio Lower Upper
94 100
96 90.2 74.4 111.6

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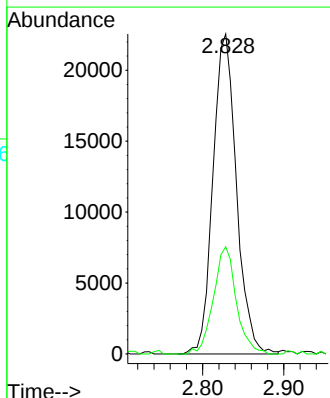
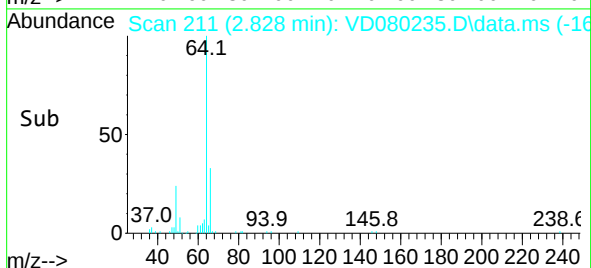
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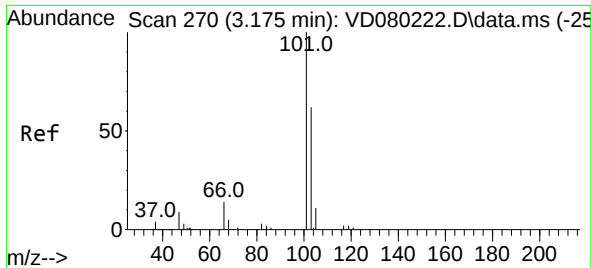


#6
Chloroethane
Concen: 22.394 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 64 Resp: 45316
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.8





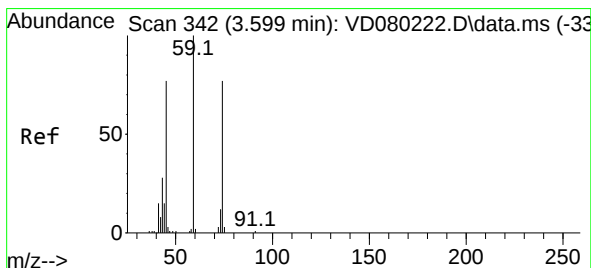
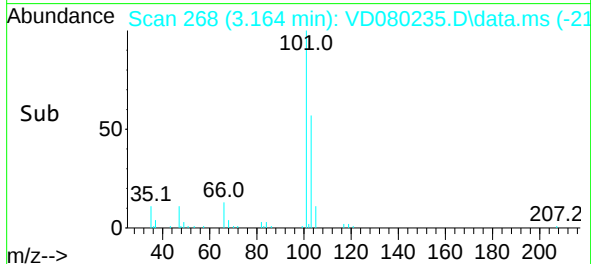
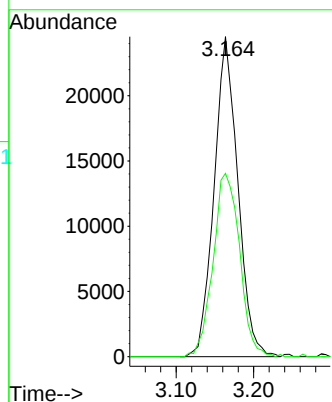
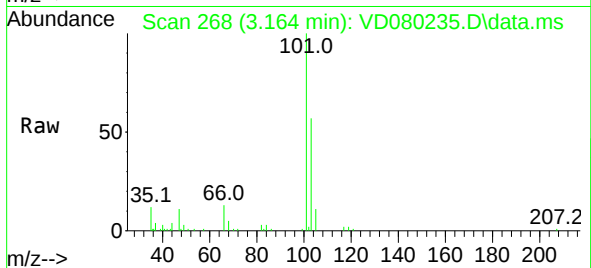
#7
Trichlorofluoromethane
Concen: 20.711 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.011 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
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Tgt Ion:101 Resp: 5214
Ion Ratio Lower Upper
101 100
103 57.3 49.9 74.9

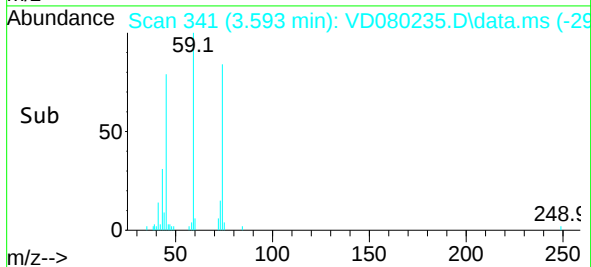
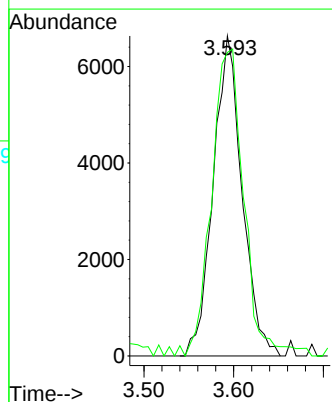
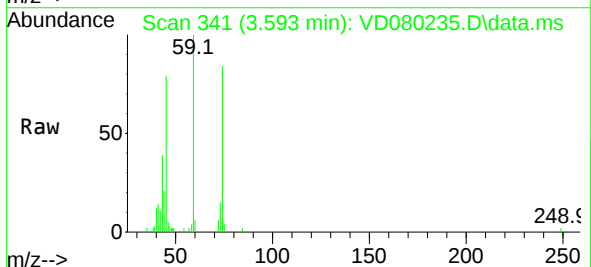
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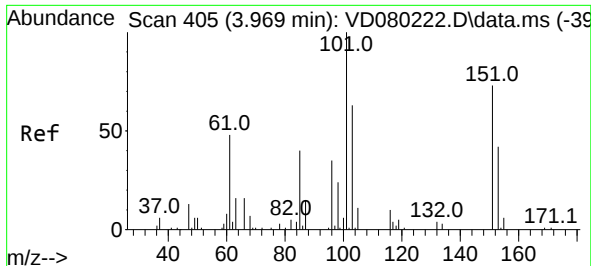
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#8
Diethyl Ether
Concen: 21.500 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

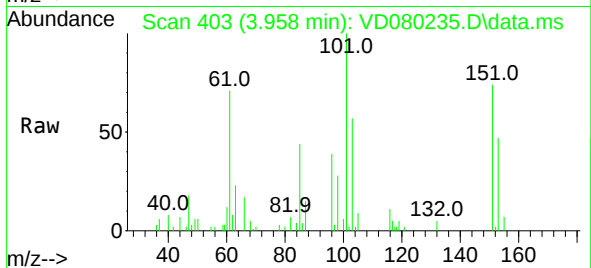
Tgt Ion: 74 Resp: 14809
Ion Ratio Lower Upper
74 100
45 107.6 51.0 153.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.552 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

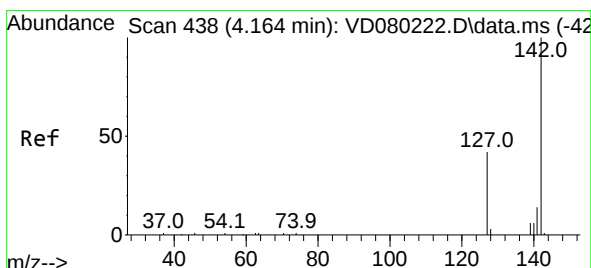
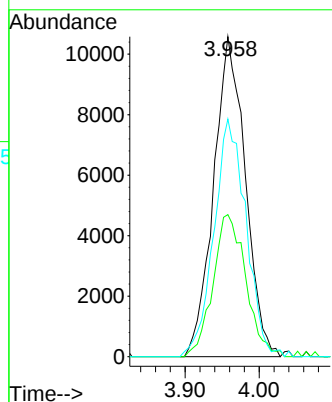
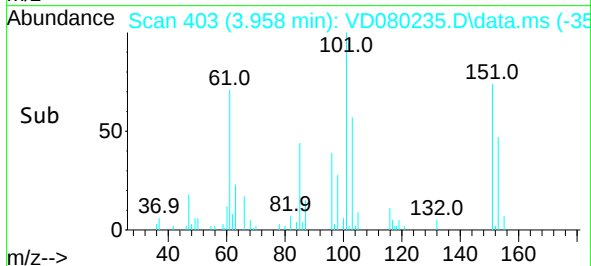
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



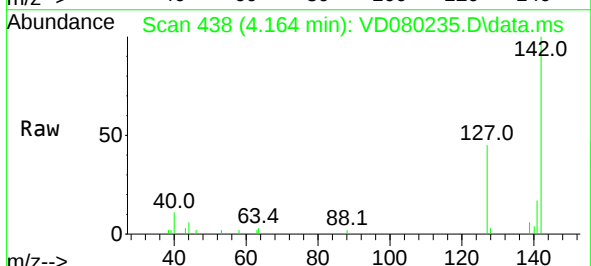
Tgt Ion:101 Resp: 3141
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 75.5 59.0 88.6

Manual Integrations
APPROVED

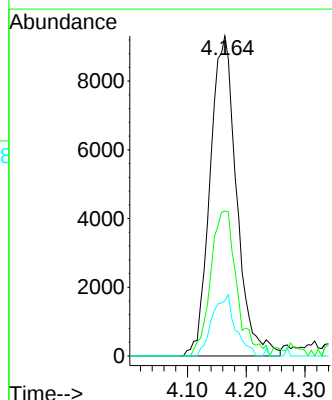
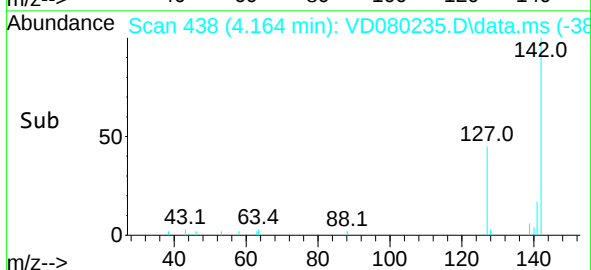
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

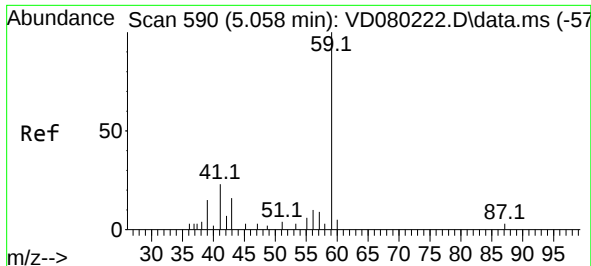


#10
Methyl Iodide
Concen: 26.821 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:142 Resp: 29138
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.2
141 16.7 12.6 18.8





#11

Tert butyl alcohol

Concen: 106.560 ug/l m

RT: 5.058 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD080235.D

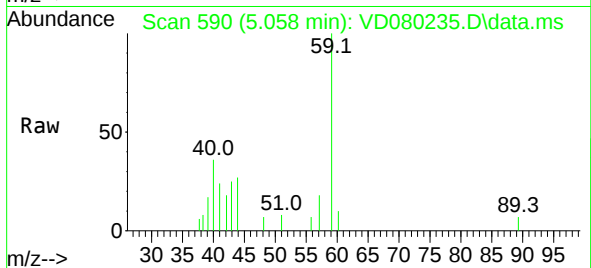
Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01



Tgt Ion: 59 Resp: 923

Ion Ratio Lower Upper

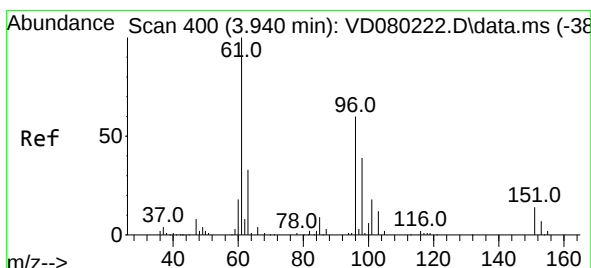
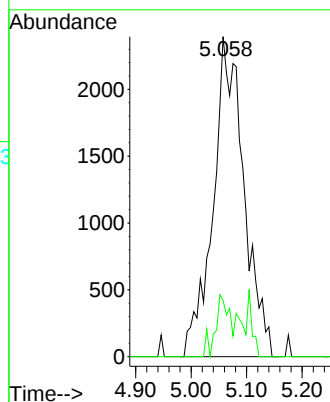
59 100

57 8.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#12

1,1-Dichloroethene

Concen: 20.244 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

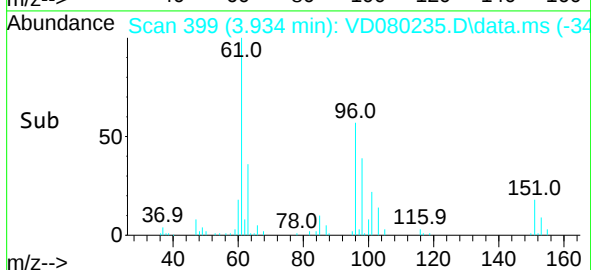
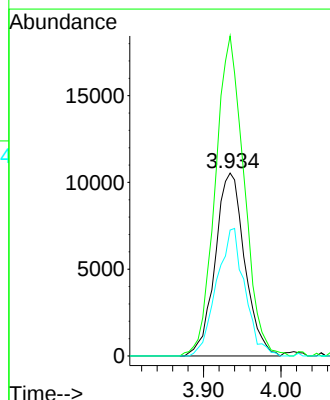
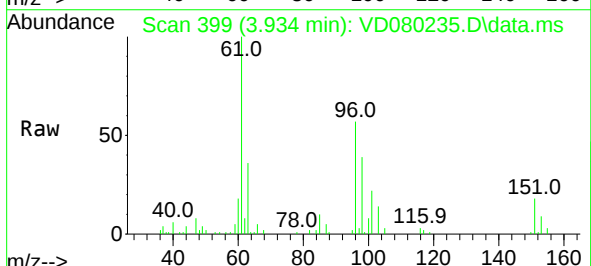
Tgt Ion: 96 Resp: 27949

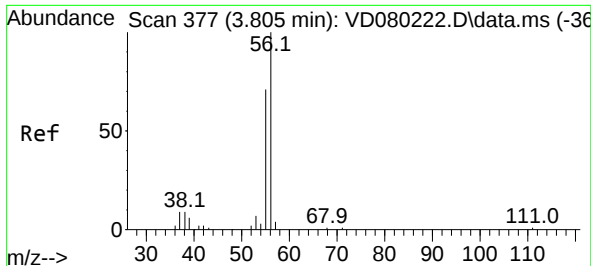
Ion Ratio Lower Upper

96 100

61 175.0 133.8 200.6

98 68.8 52.2 78.2





#13

Acrolein

Concen: 99.438 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 56 Resp: 1624

Ion Ratio Lower Upper

56 100

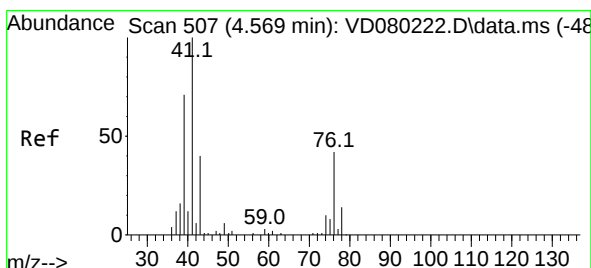
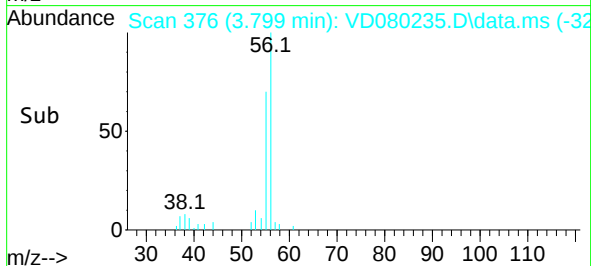
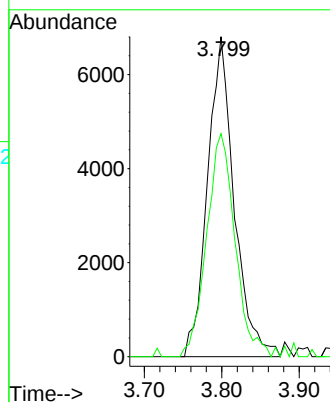
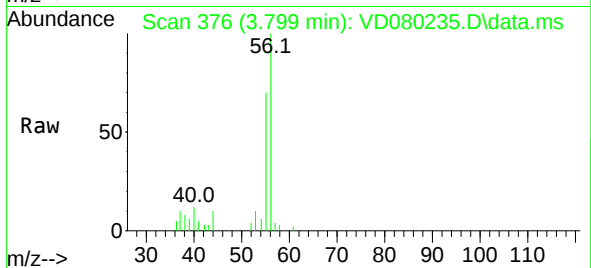
55 74.4 57.8 86.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#14

Allyl chloride

Concen: 21.353 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

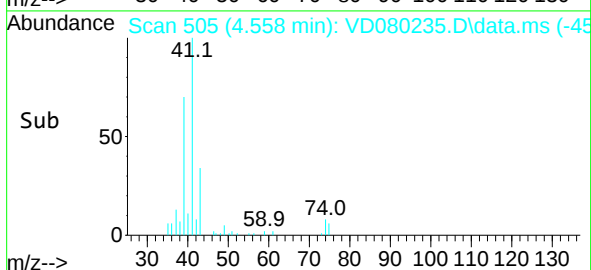
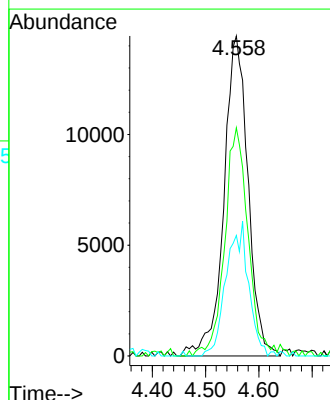
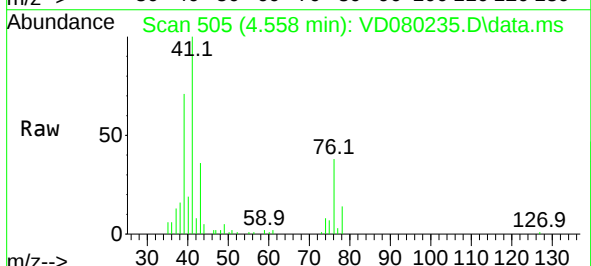
Tgt Ion: 41 Resp: 45431

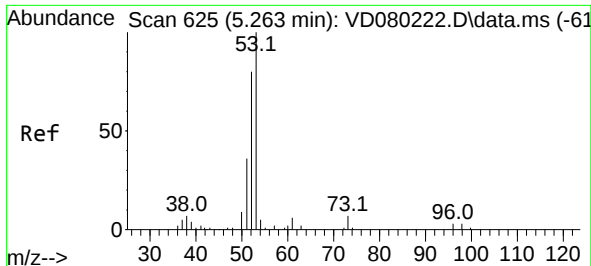
Ion Ratio Lower Upper

41 100

39 68.9 55.0 82.4

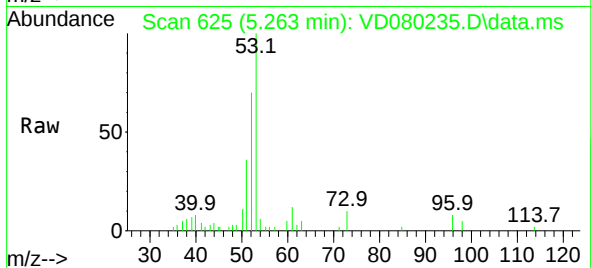
76 38.8 31.0 46.4





#15
Acrylonitrile
Concen: 101.476 ug/l
RT: 5.263 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

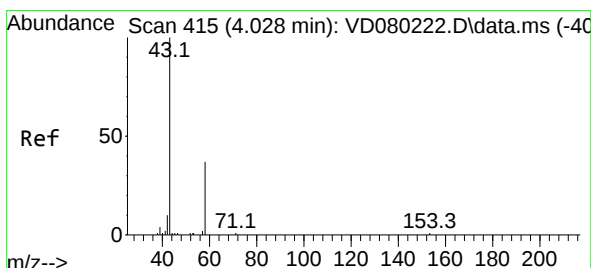
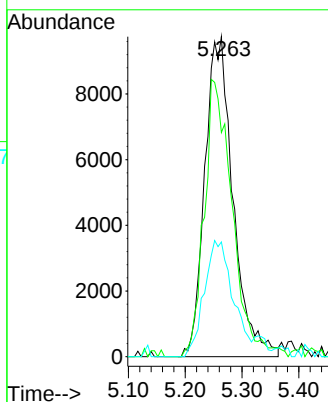
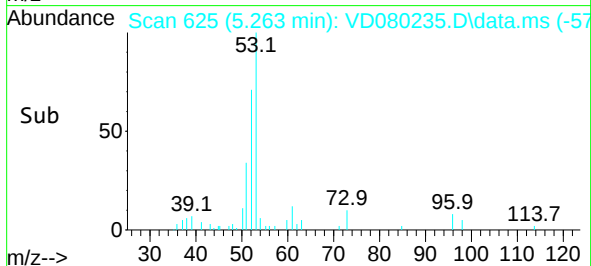
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



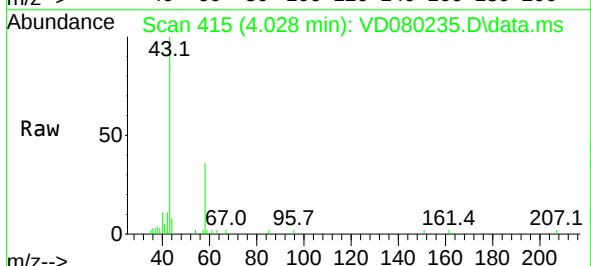
Tgt Ion: 53 Resp: 3358
Ion Ratio Lower Upper
53 100
52 86.4 65.9 98.9
51 37.0 30.1 45.1

Manual Integrations
APPROVED

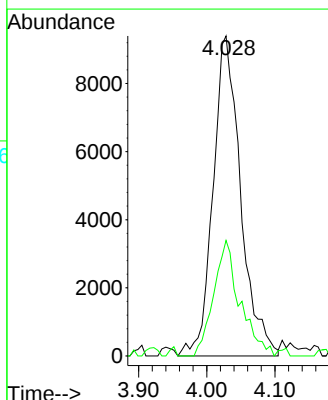
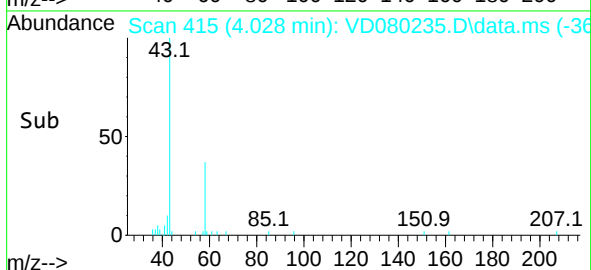
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

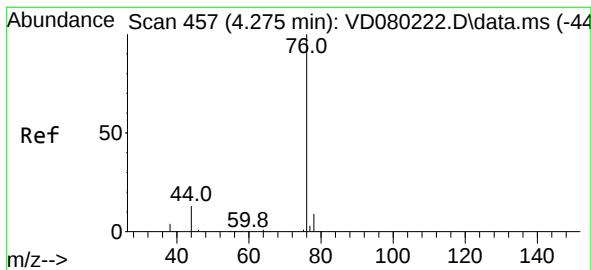


#16
Acetone
Concen: 104.703 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 43 Resp: 26463
Ion Ratio Lower Upper
43 100
58 34.5 29.5 44.3





#17

Carbon Disulfide

Concen: 20.403 ug/l

RT: 4.264 min Scan# 41

Delta R.T. -0.012 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 76 Resp: 101592

Ion Ratio Lower Upper

76 100

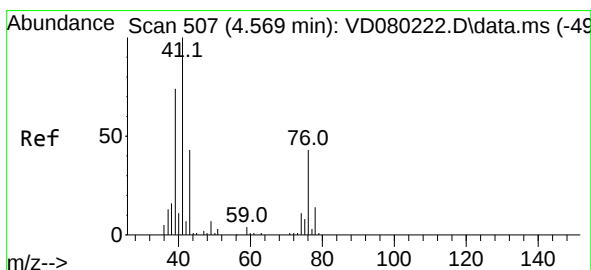
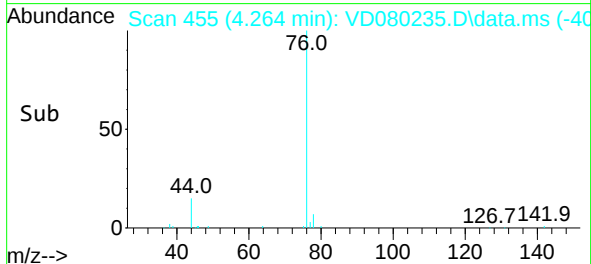
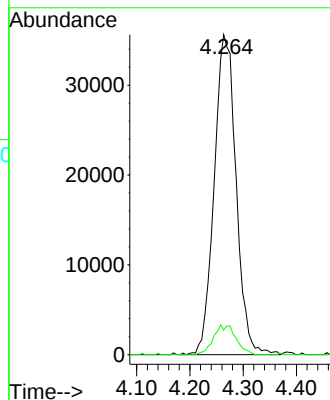
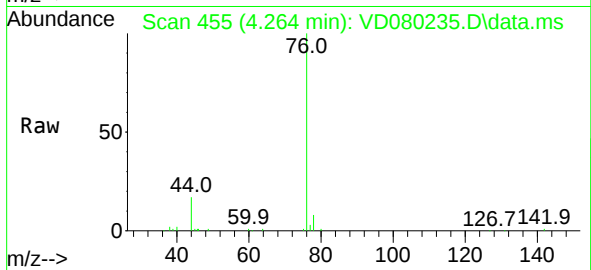
78 7.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#18

Methyl Acetate

Concen: 22.693 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD080235.D

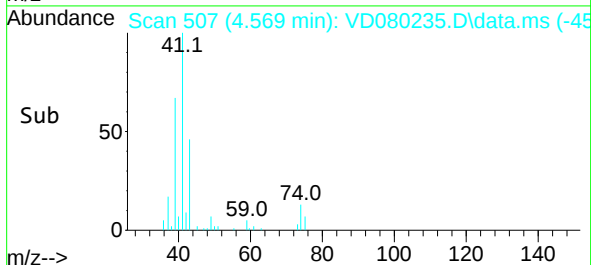
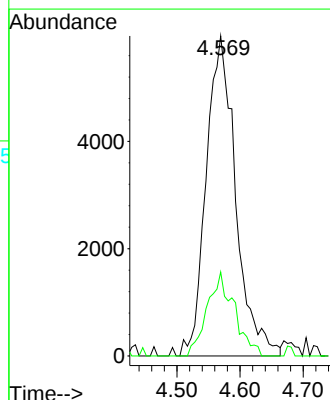
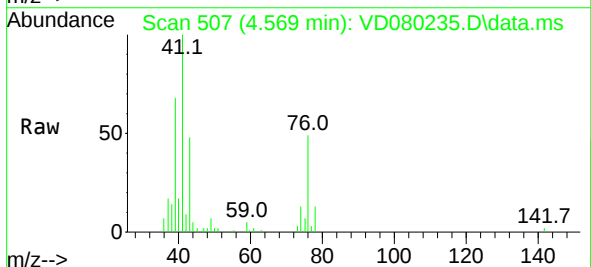
Acq: 04 Feb 2025 13:02

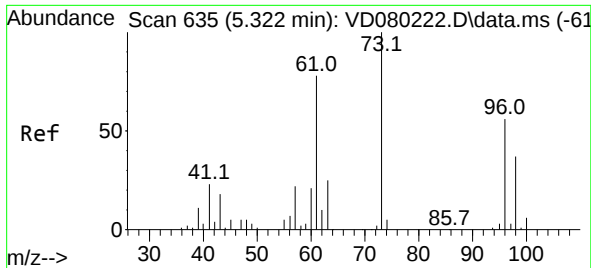
Tgt Ion: 43 Resp: 19353

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2





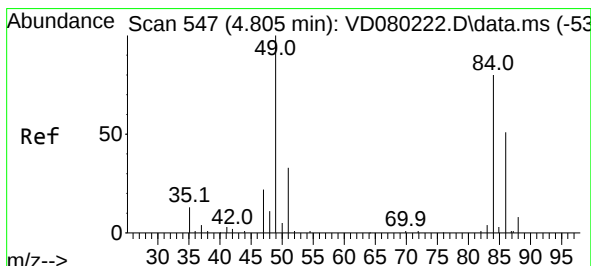
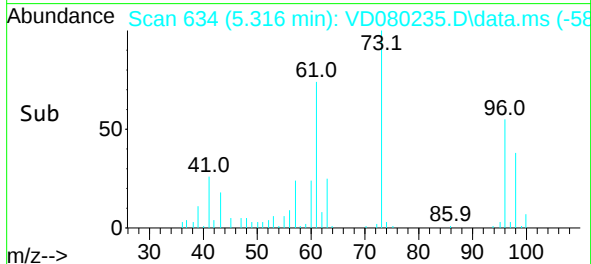
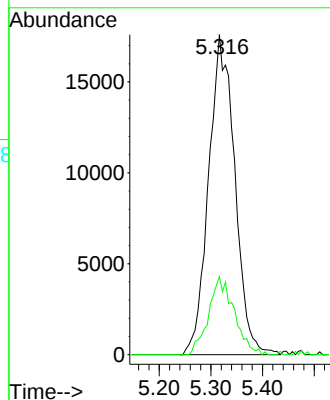
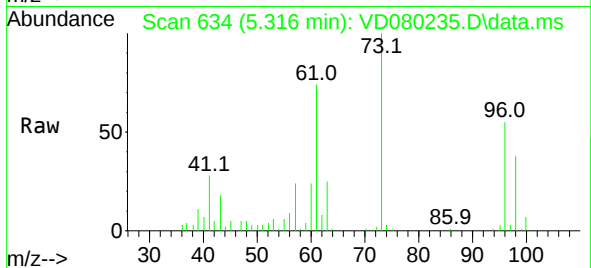
#19
Methyl tert-butyl Ether
Concen: 20.325 ug/l
RT: 5.316 min Scan# 617
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

Tgt Ion: 73 Resp: 6177
Ion Ratio Lower Upper
73 100
57 24.4 17.8 26.8

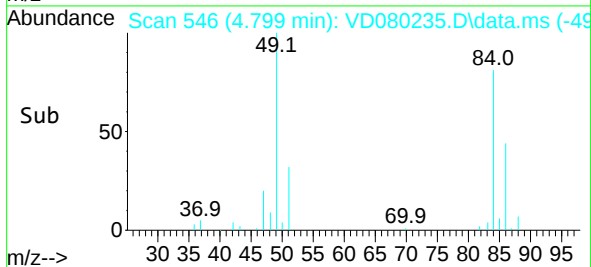
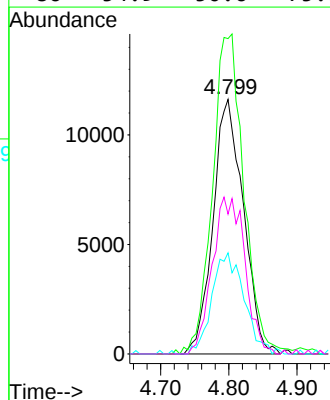
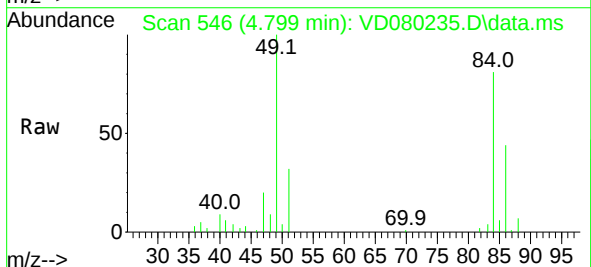
Manual Integrations
APPROVED

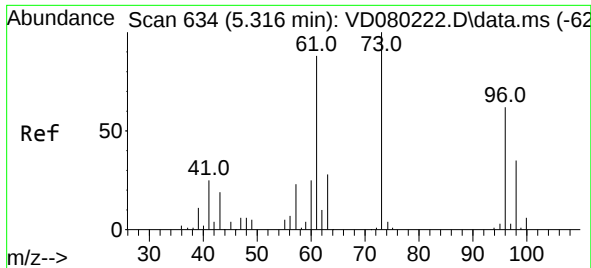
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#20
Methylene Chloride
Concen: 21.015 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

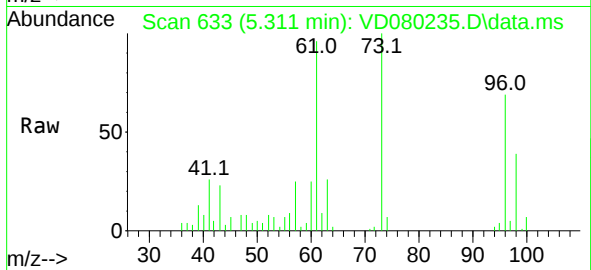
Tgt Ion: 84 Resp: 36044
Ion Ratio Lower Upper
84 100
49 123.9 99.4 149.2
51 39.7 32.6 49.0
86 54.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.113 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

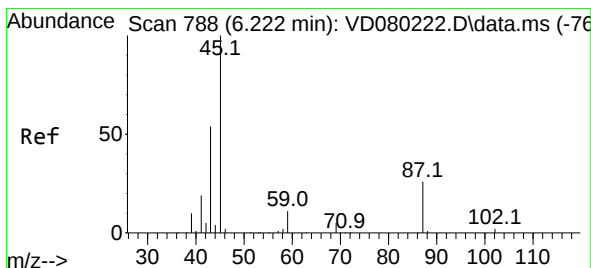
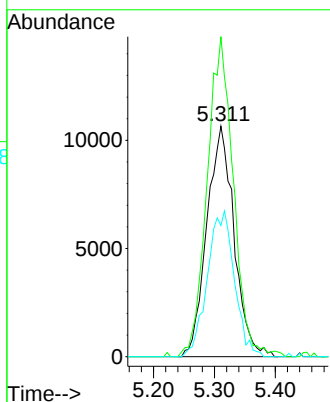
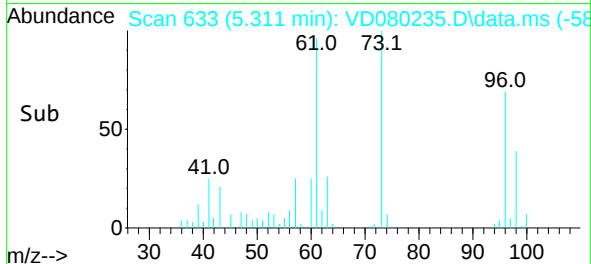
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



Tgt Ion: 96 Resp: 33114
Ion Ratio Lower Upper
96 100
61 138.9 113.7 170.5
98 57.0 45.4 68.2

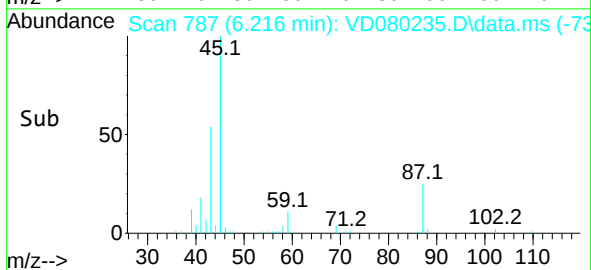
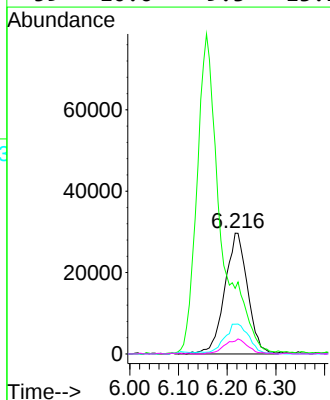
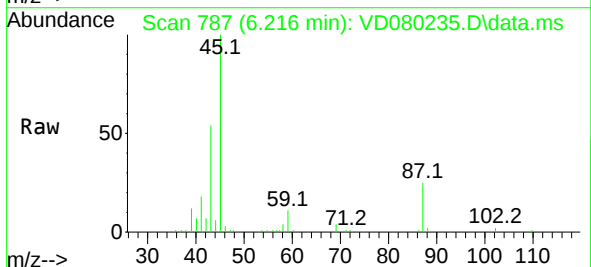
Manual Integrations
APPROVED

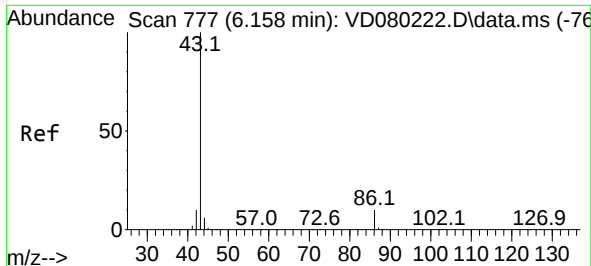
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#22
Diisopropyl ether
Concen: 21.877 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

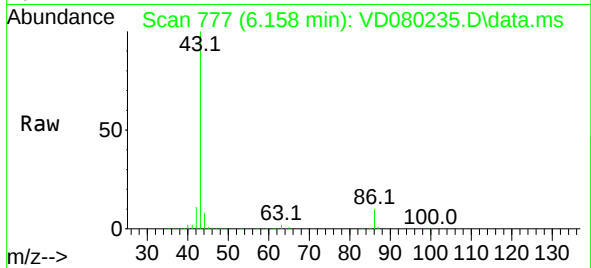
Tgt Ion: 45 Resp: 96868
Ion Ratio Lower Upper
45 100
43 52.5 44.3 66.5
87 24.6 20.5 30.7
59 10.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 105.231 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

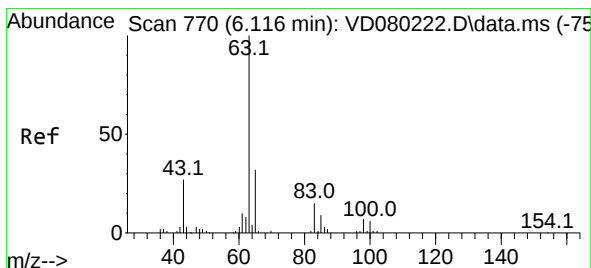
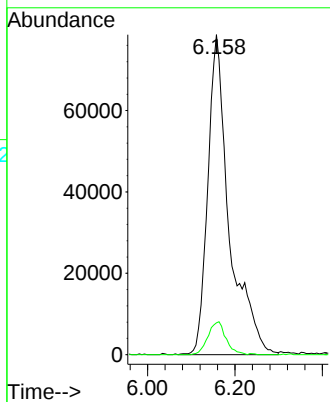
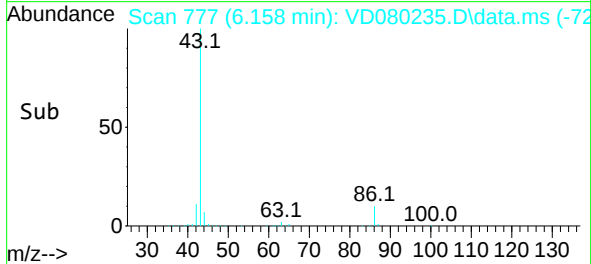
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



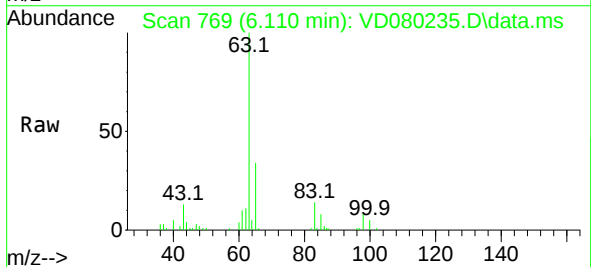
Tgt Ion: 43 Resp: 26900
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

Manual Integrations
 APPROVED

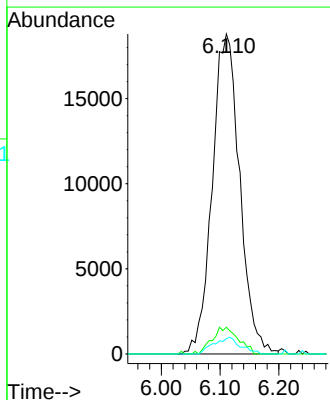
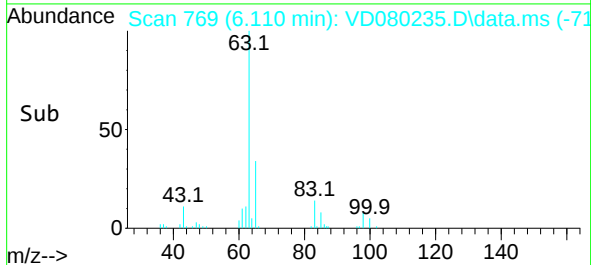
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

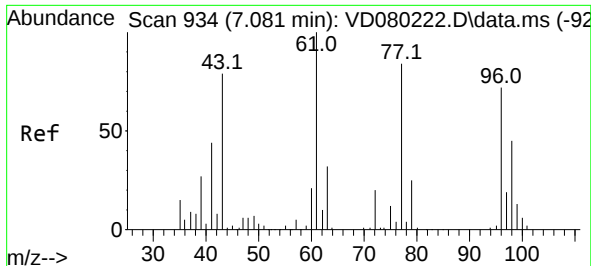


#24
 1,1-Dichloroethane
 Concen: 20.969 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02



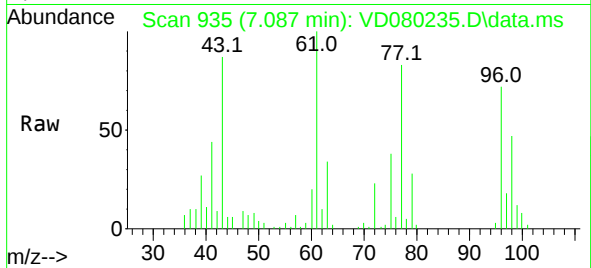
Tgt Ion: 63 Resp: 60863
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.5
 100 4.7 2.8 8.4





#25
2-Butanone
Concen: 102.544 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

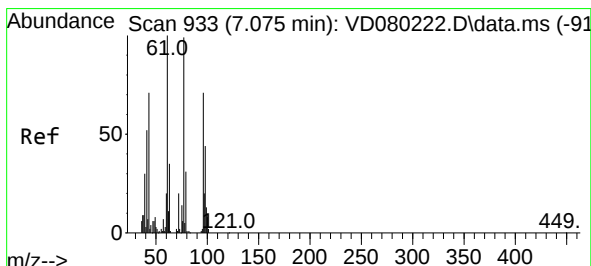
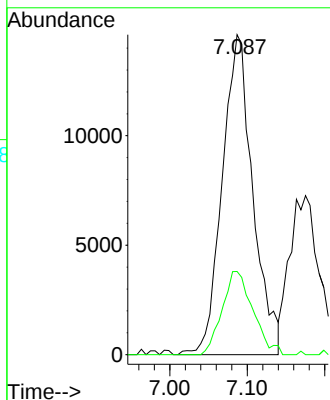
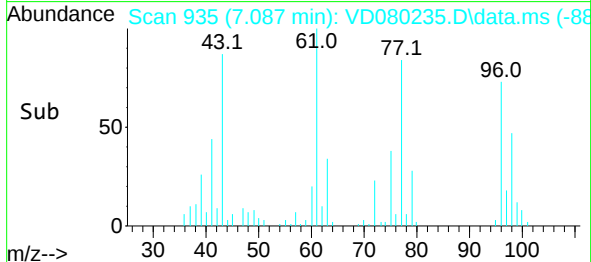
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



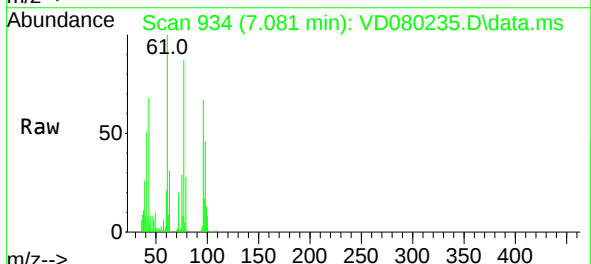
Tgt Ion: 43 Resp: 40200
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9

Manual Integrations
APPROVED

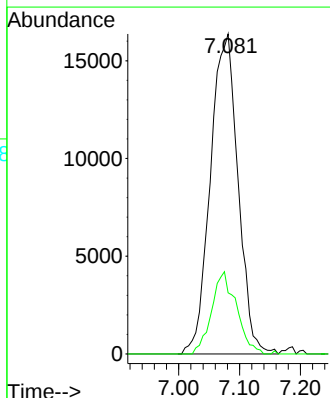
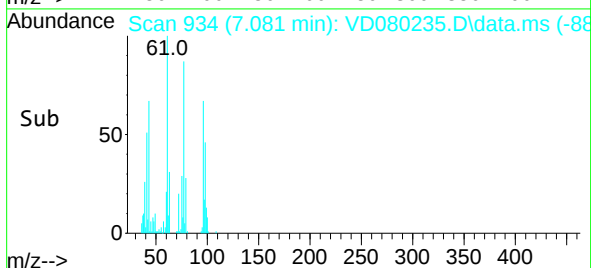
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

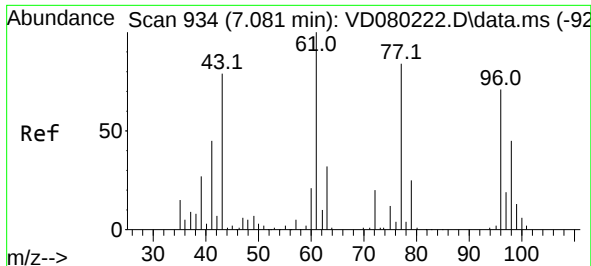


#26
2,2-Dichloropropane
Concen: 20.540 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



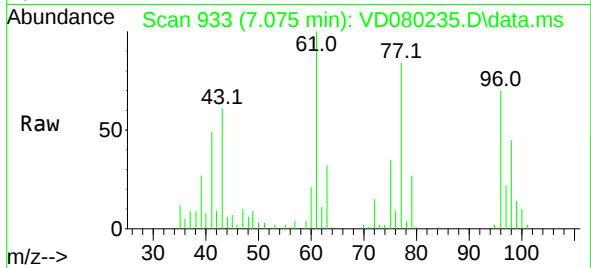
Tgt Ion: 77 Resp: 51711
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.203 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

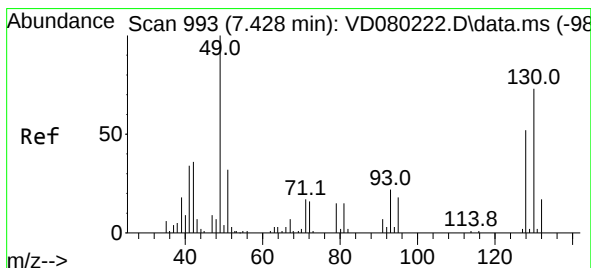
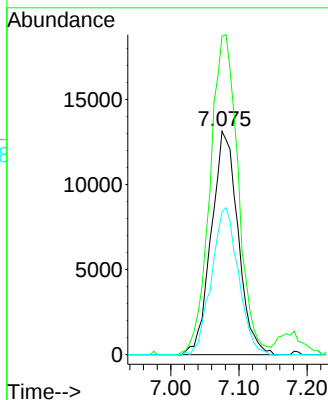
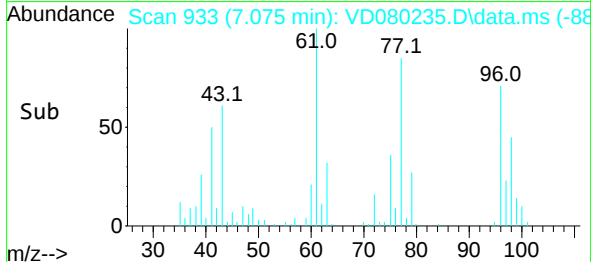
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



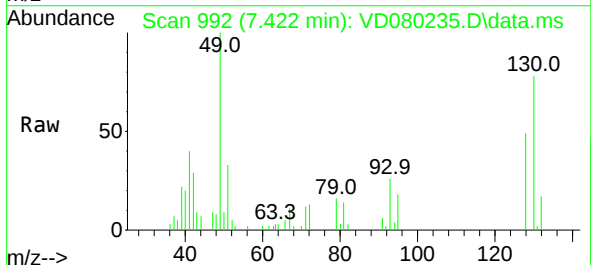
Tgt Ion: 96 Resp: 35798
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 297.4
 98 66.1 0.0 131.0

Manual Integrations
 APPROVED

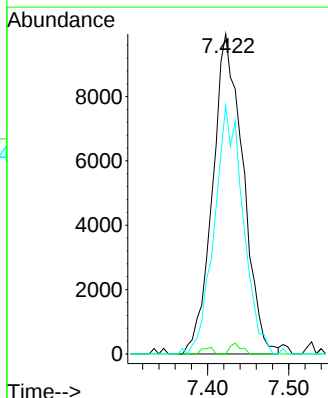
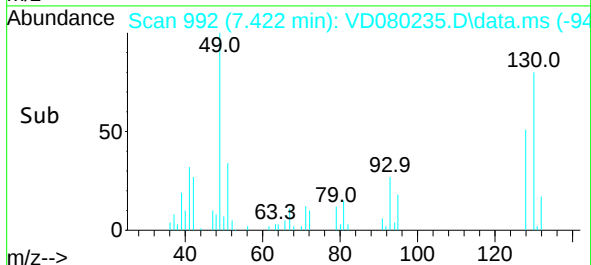
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

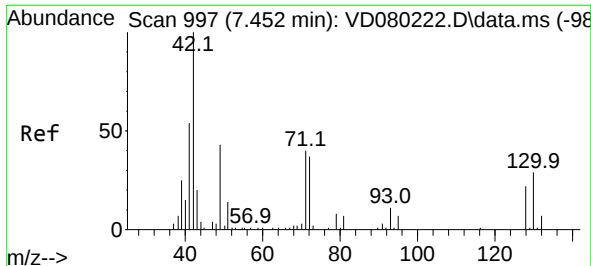


#28
 Bromochloromethane
 Concen: 19.548 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02



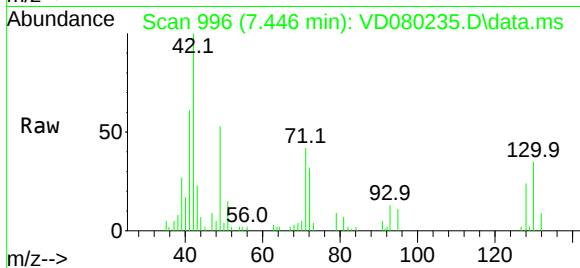
Tgt Ion: 49 Resp: 25893
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 1.8
 130 73.3 55.3 82.9





#29
Tetrahydrofuran
Concen: 104.804 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

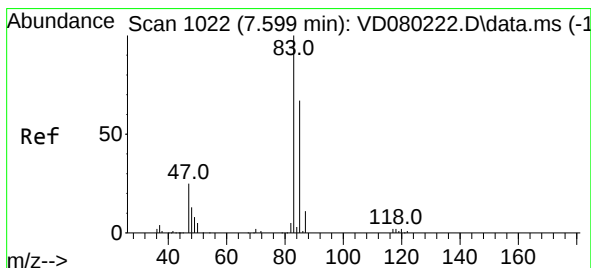
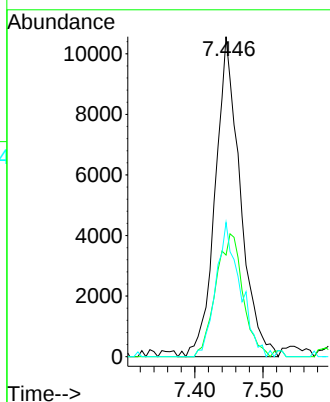
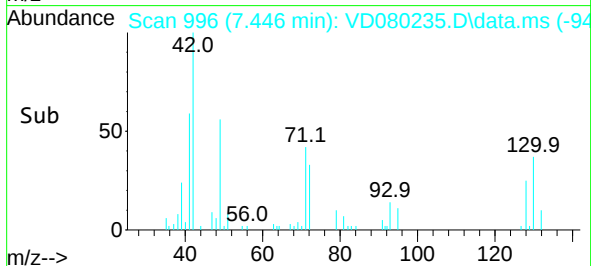
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



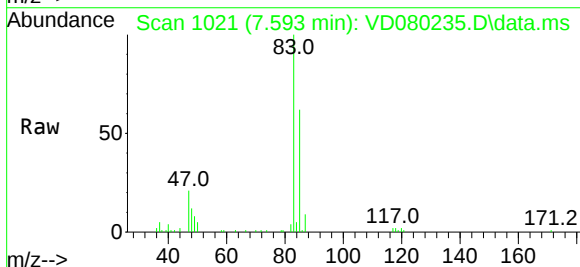
Tgt Ion: 42 Resp: 26910
Ion Ratio Lower Upper
42 100
72 41.5 33.5 50.3
71 40.8 32.9 49.3

Manual Integrations
APPROVED

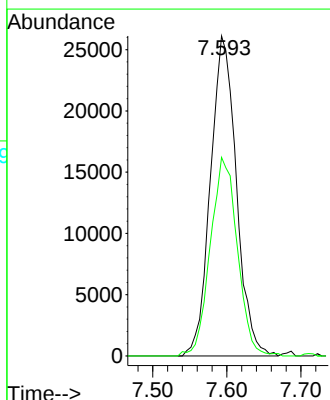
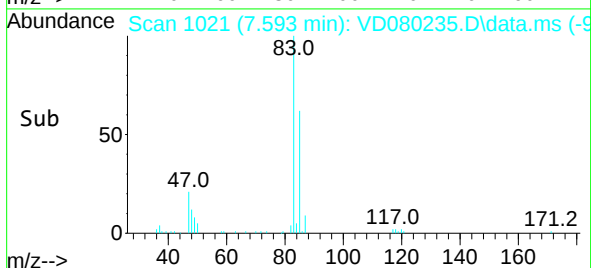
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

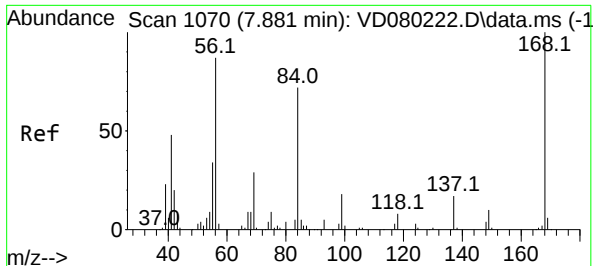


#30
Chloroform
Concen: 21.372 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 83 Resp: 63422
Ion Ratio Lower Upper
83 100
85 62.0 53.7 80.5





#31

Cyclohexane

Concen: 19.972 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080235.D

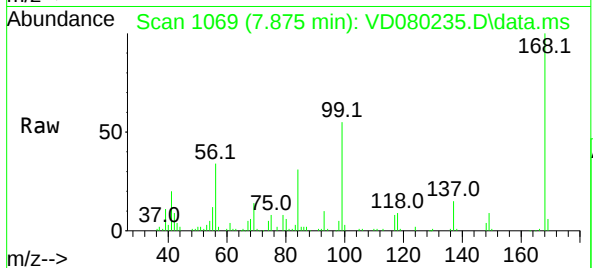
Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01



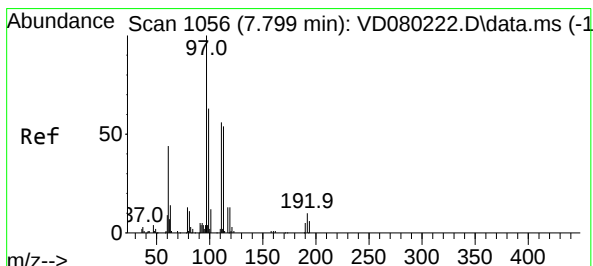
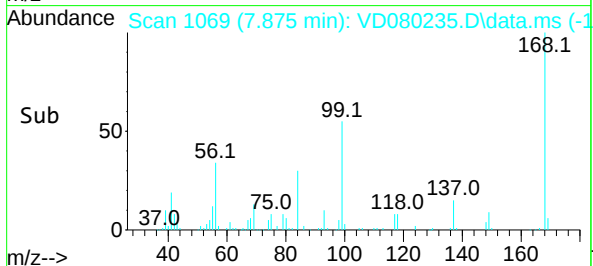
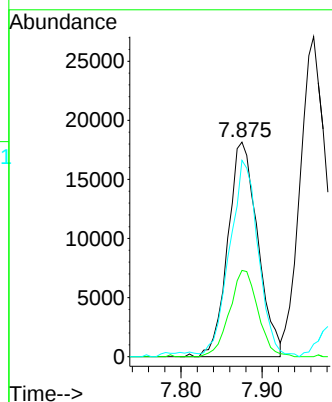
Tgt Ion: 56 Resp: 46400

Ion	Ratio	Lower	Upper
56	100		
69	39.1	27.0	40.4
84	89.4	66.3	99.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#32

1,1,1-Trichloroethane

Concen: 20.172 ug/l

RT: 7.787 min Scan# 1054

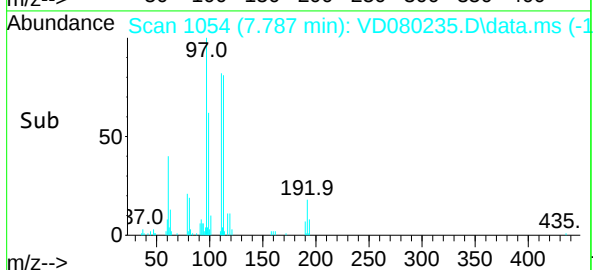
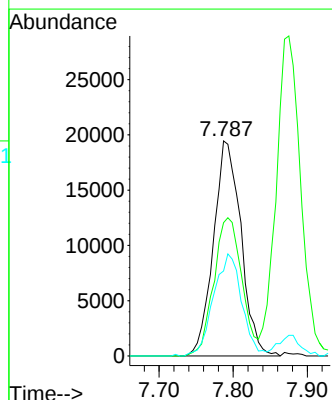
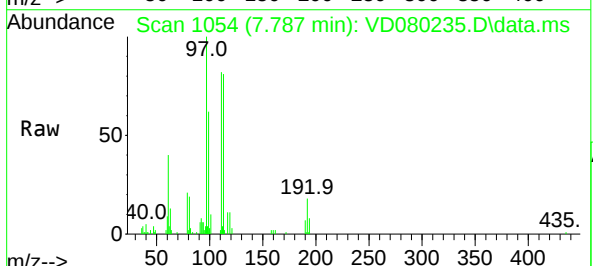
Delta R.T. -0.012 min

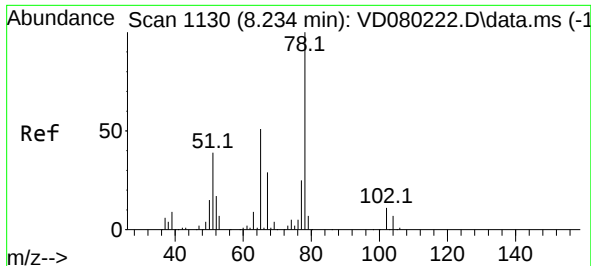
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Tgt Ion: 97 Resp: 50081

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.3	76.9
61	48.6	37.4	56.0





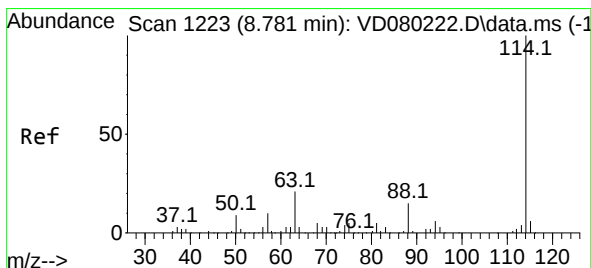
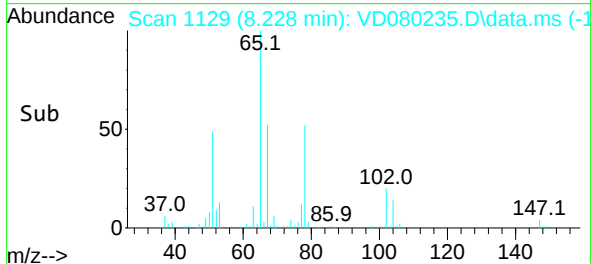
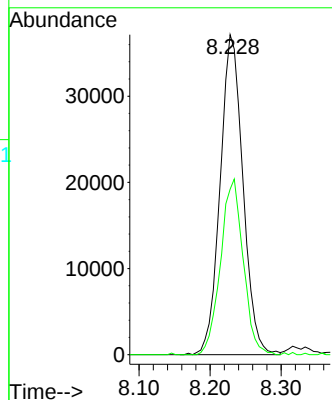
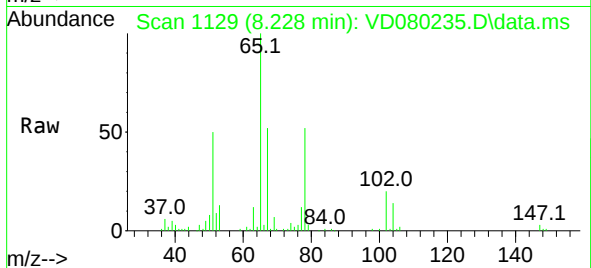
#33
1,2-Dichloroethane-d4
Concen: 52.758 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

Tgt Ion: 65 Resp: 8273
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.6

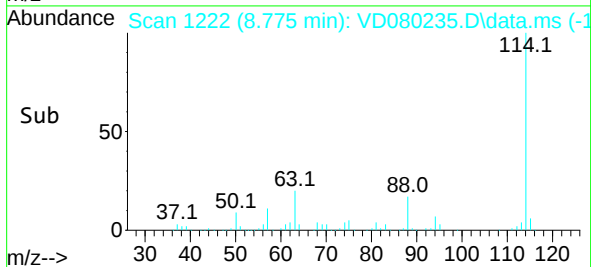
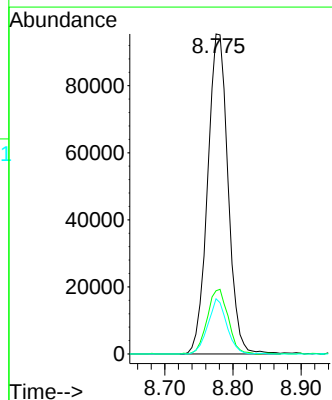
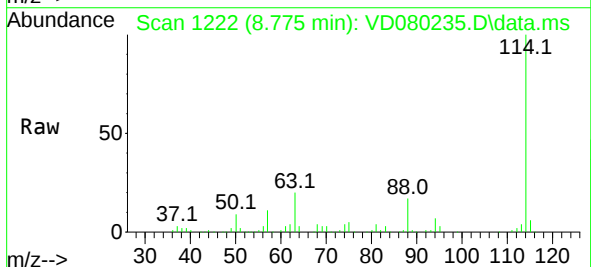
Manual Integrations
APPROVED

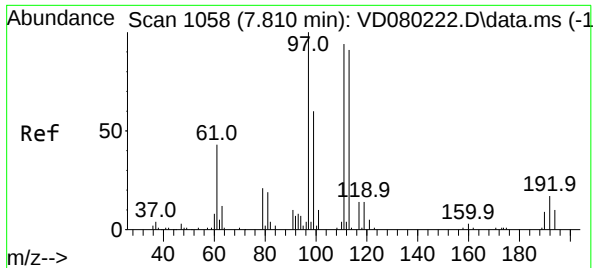
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

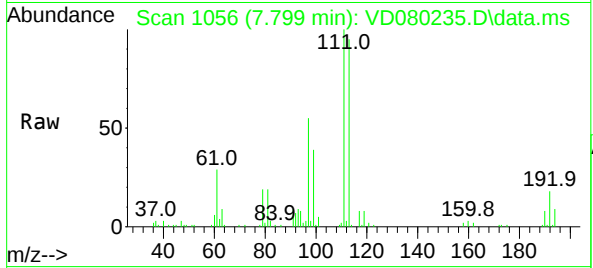
Tgt Ion:114 Resp: 198480
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.8
88 17.3 0.0 30.4





#35
Dibromofluoromethane
Concen: 55.467 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

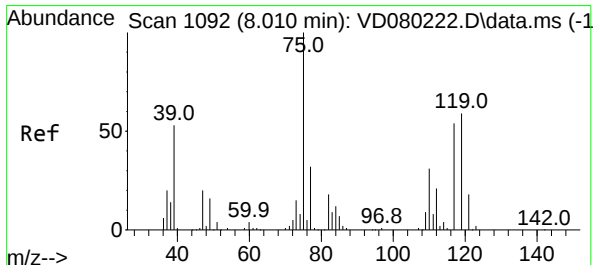
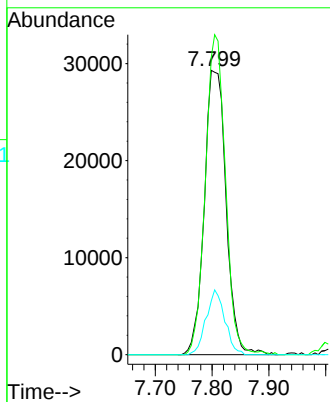
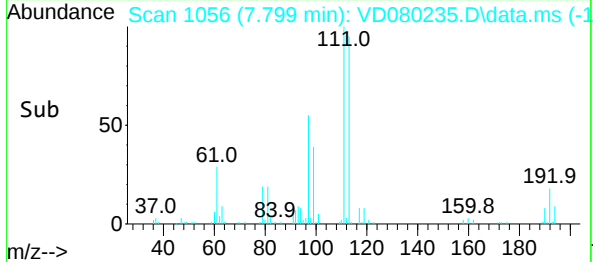
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



Tgt Ion:113 Resp: 7802
Ion Ratio Lower Upper
113 100
111 103.9 85.0 127.4
192 19.6 15.5 23.3

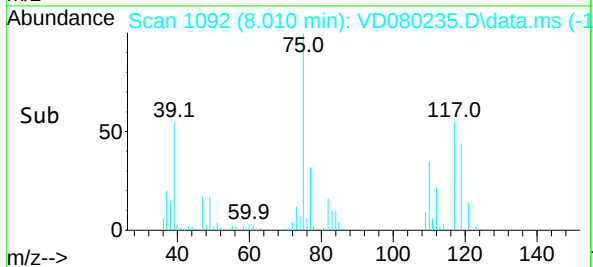
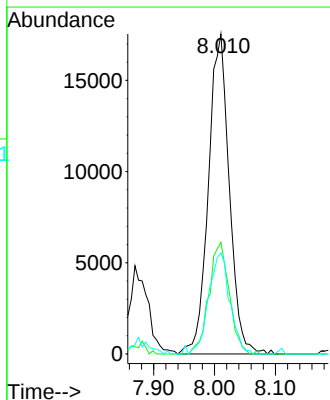
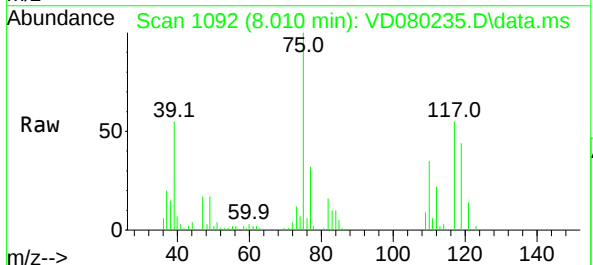
Manual Integrations
APPROVED

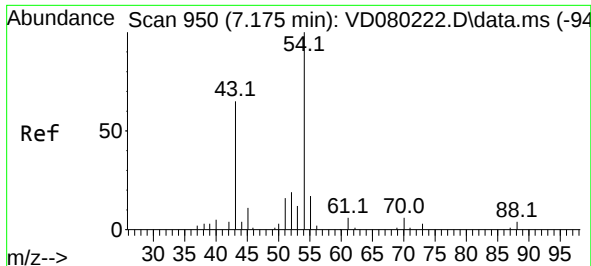
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#36
1,1-Dichloropropene
Concen: 20.802 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

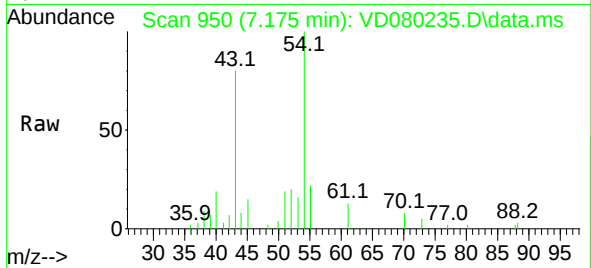
Tgt Ion: 75 Resp: 41912
Ion Ratio Lower Upper
75 100
110 33.9 17.1 51.2
77 32.0 25.6 38.4





#37
Ethyl Acetate
Concen: 20.092 ug/l
RT: 7.175 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

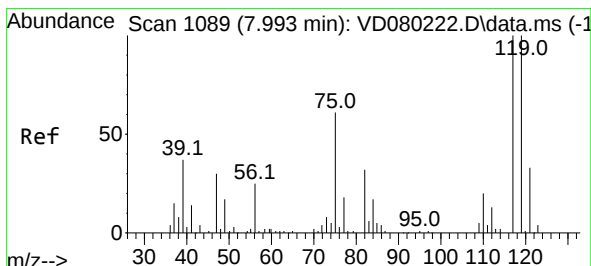
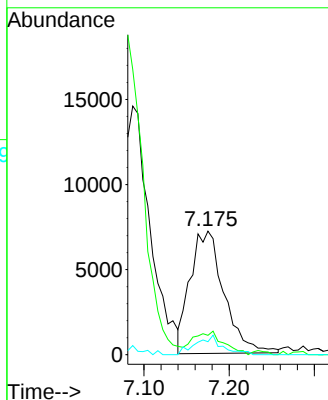
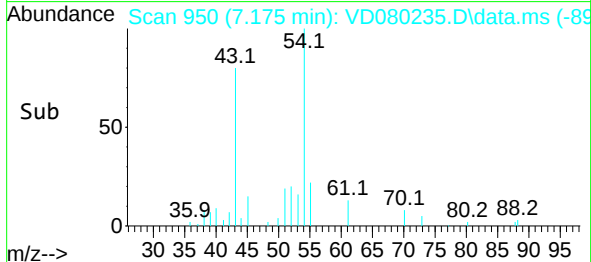
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



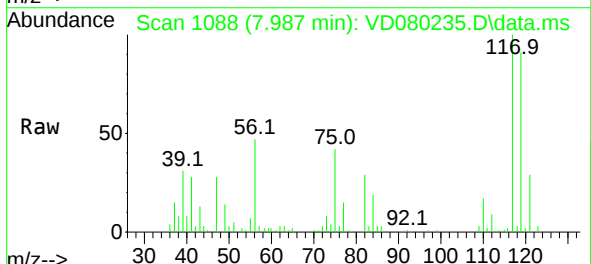
Tgt Ion: 43 Resp: 19850
Ion Ratio Lower Upper
43 100
61 16.8 11.4 17.0
70 12.1 8.2 12.2

Manual Integrations
APPROVED

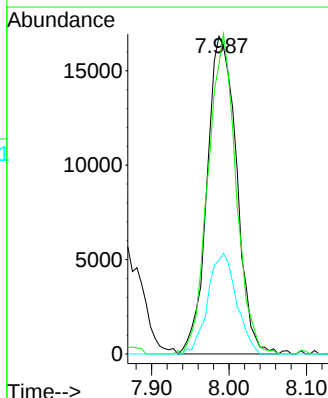
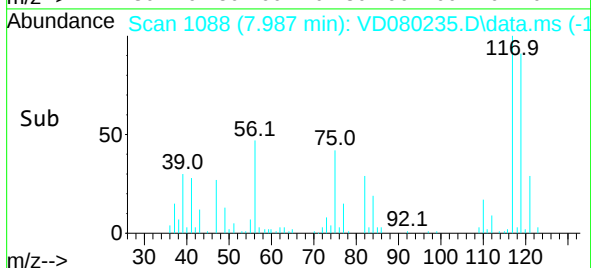
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

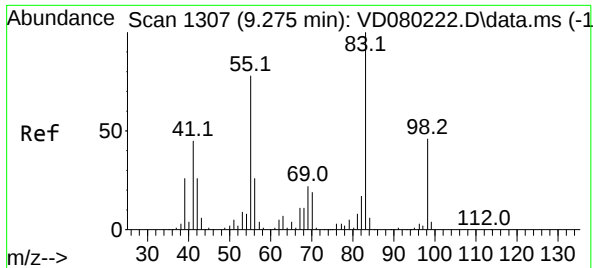


#38
Carbon Tetrachloride
Concen: 21.119 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:117 Resp: 44444
Ion Ratio Lower Upper
117 100
119 91.3 79.8 119.6
121 29.5 26.6 39.8





#39

Methylcyclohexane

Concen: 19.576 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

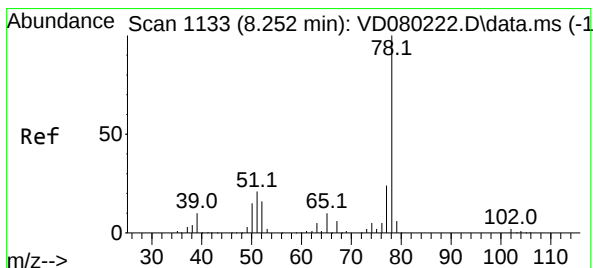
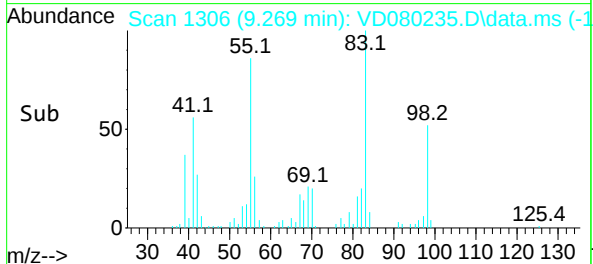
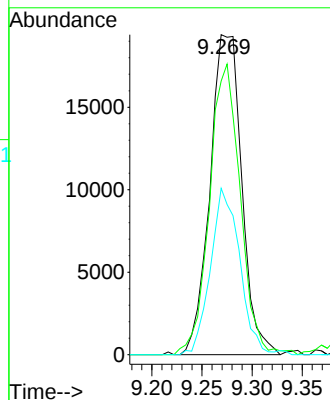
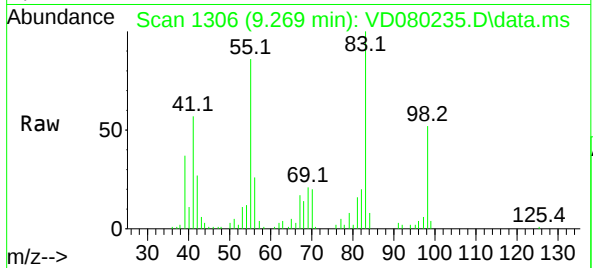
Tgt Ion: 83 Resp: 42850

Ion	Ratio	Lower	Upper
83	100		
55	84.3	62.5	93.7
98	52.0	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#40

Benzene

Concen: 21.102 ug/l

RT: 8.252 min Scan# 1133

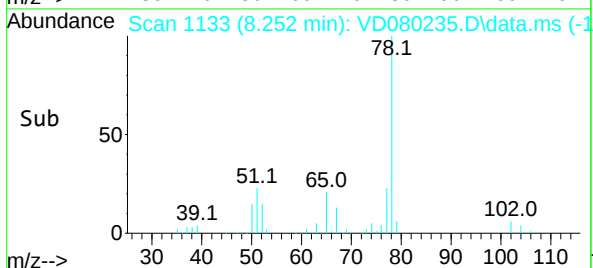
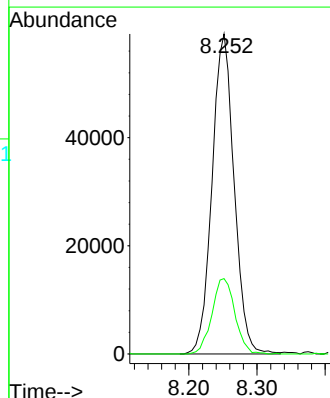
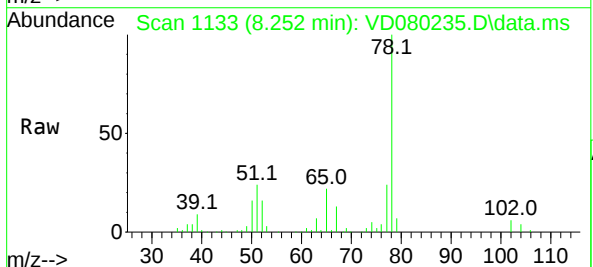
Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Tgt Ion: 78 Resp: 133266

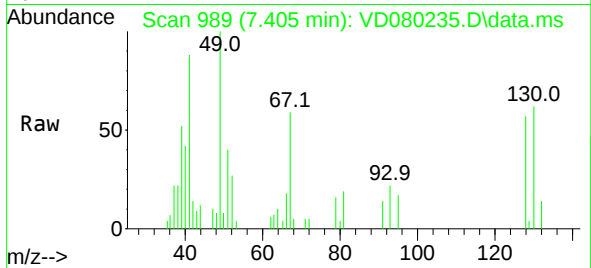
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41
Methacrylonitrile
Concen: 17.601 ug/l
RT: 7.405 min Scan# 989
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

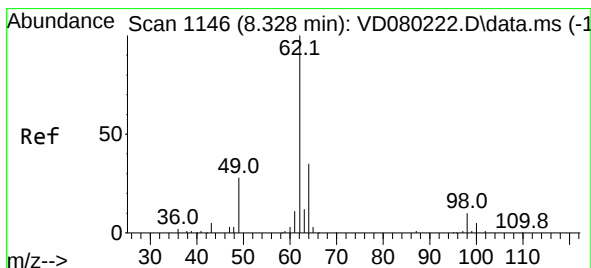
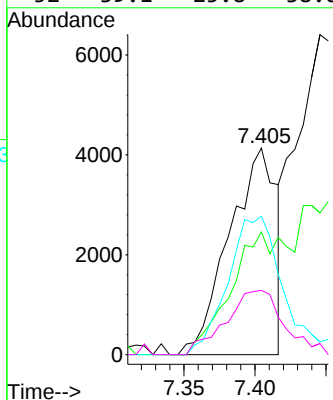
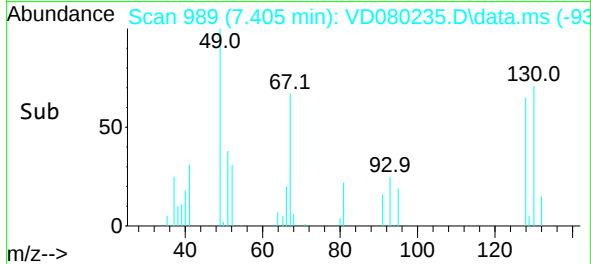
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



Tgt Ion: 41 Resp: 9572
Ion Ratio Lower Upper
41 100
39 50.4 44.7 67.1
67 78.4 55.0 82.4
52 39.1 25.8 38.8#

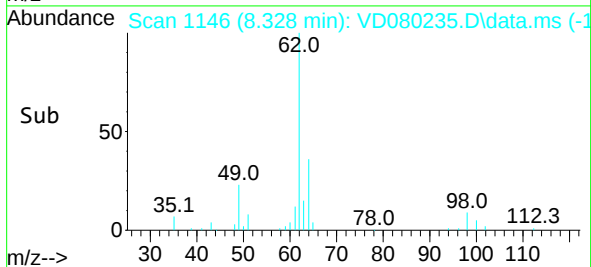
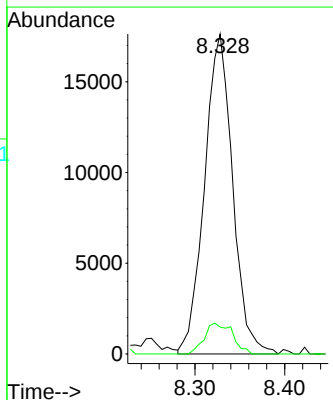
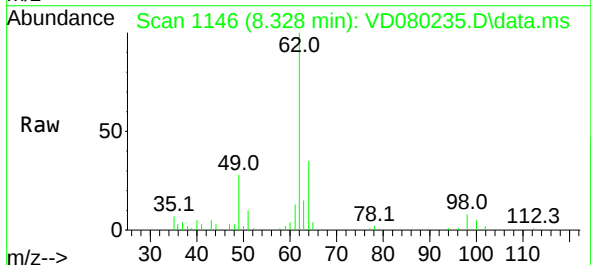
Manual Integrations
APPROVED

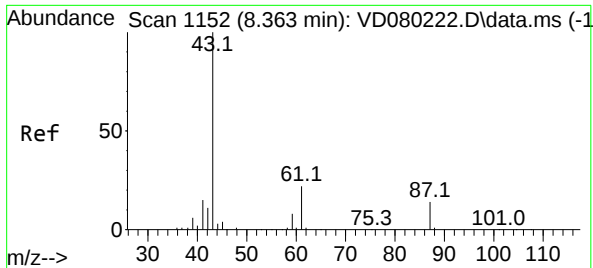
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#42
1,2-Dichloroethane
Concen: 21.334 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

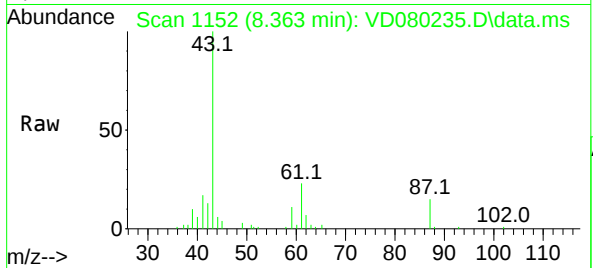
Tgt Ion: 62 Resp: 38341
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4





#43
Isopropyl Acetate
Concen: 21.805 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

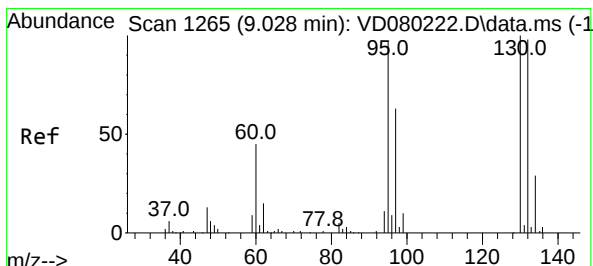
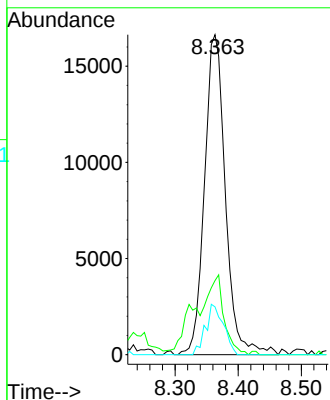
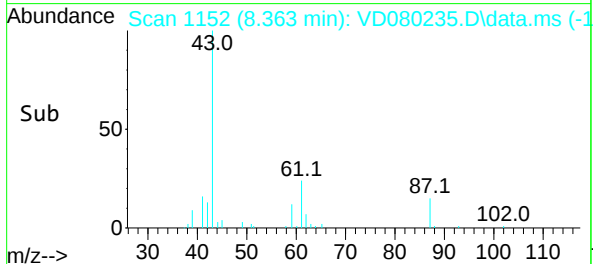
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



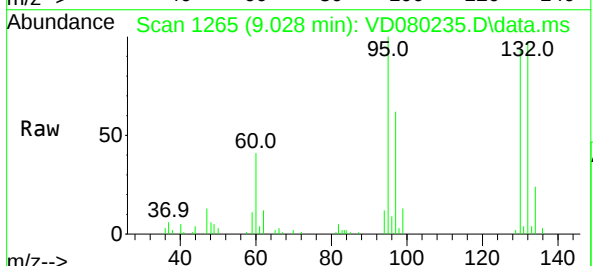
Tgt Ion: 43 Resp: 3823
Ion Ratio Lower Upper
43 100
61 20.9 25.0 37.4
87 13.5 10.7 16.1

Manual Integrations
APPROVED

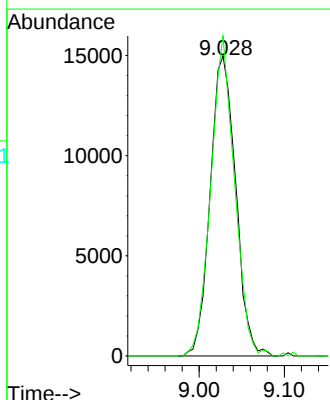
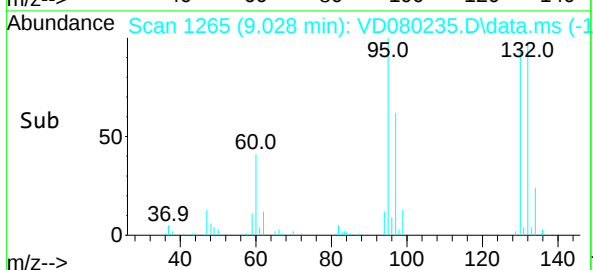
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

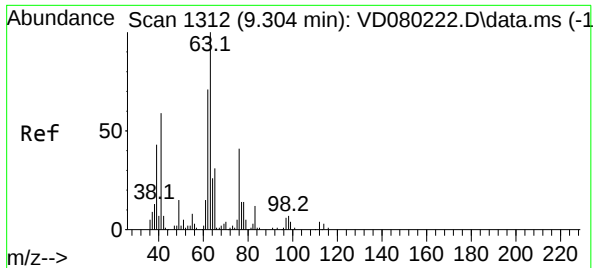


#44
Trichloroethene
Concen: 21.351 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:130 Resp: 31150
Ion Ratio Lower Upper
130 100
95 106.7 0.0 194.2





#45

1,2-Dichloropropane

Concen: 21.573 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 63 Resp: 34269

Ion Ratio Lower Upper

63 100

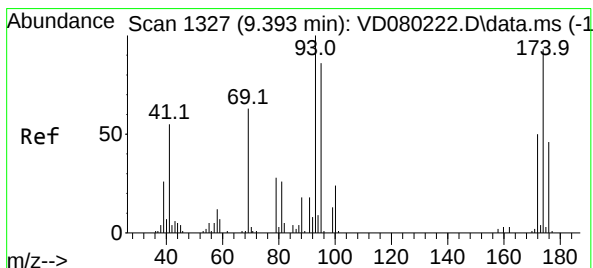
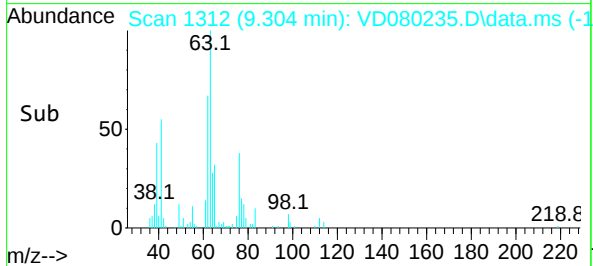
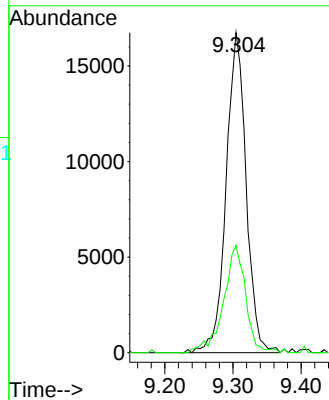
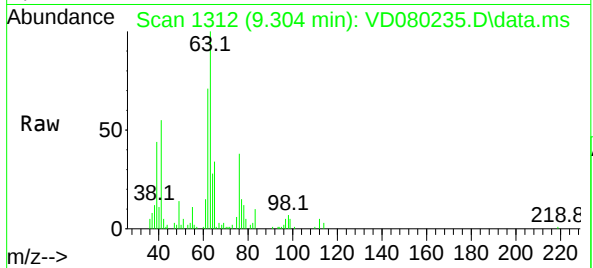
65 33.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#46

Dibromomethane

Concen: 22.117 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

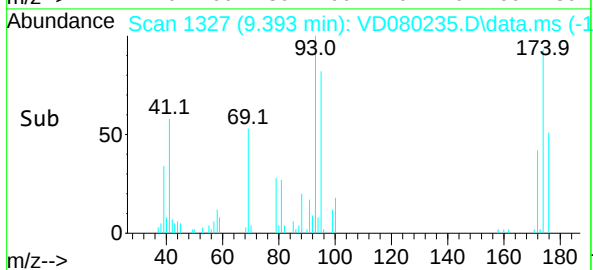
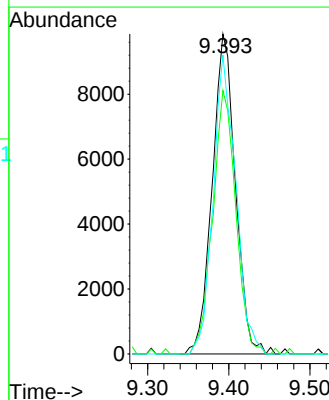
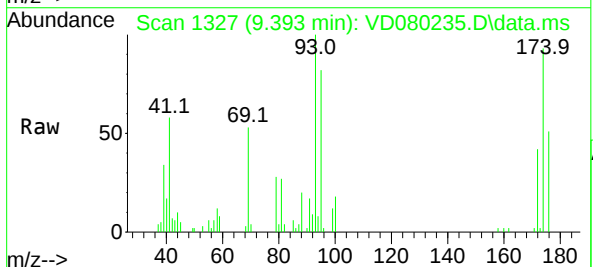
Tgt Ion: 93 Resp: 19574

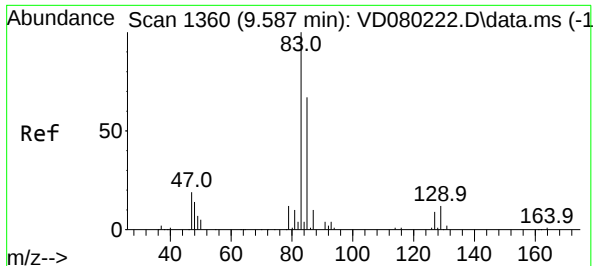
Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

174 91.4 76.8 115.2





#47

Bromodichloromethane

Concen: 20.998 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

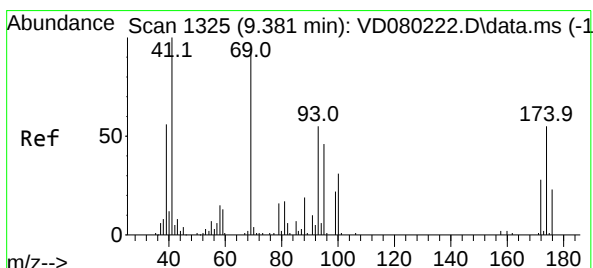
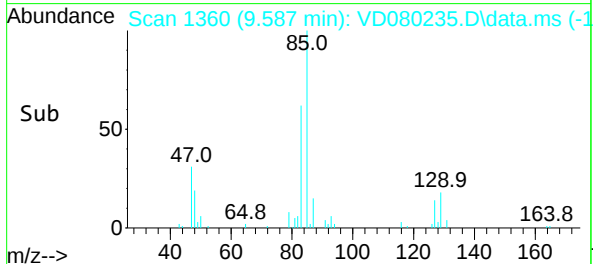
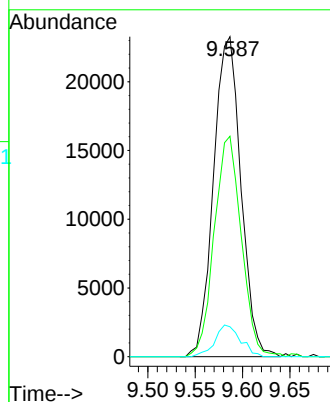
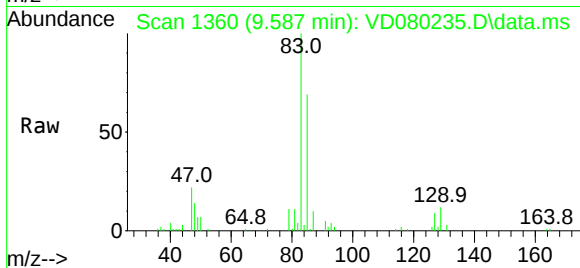
Tgt Ion: 83 Resp: 46862

Ion	Ratio	Lower	Upper
83	100		
85	68.9	53.6	80.4
127	9.4	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#48

Methyl methacrylate

Concen: 23.197 ug/l m

RT: 9.381 min Scan# 1325

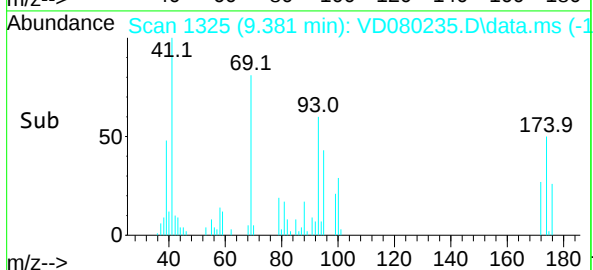
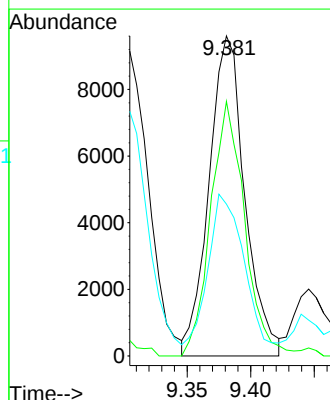
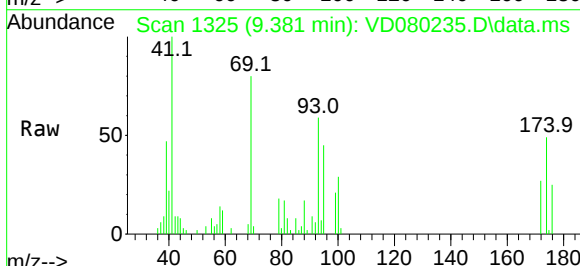
Delta R.T. -0.000 min

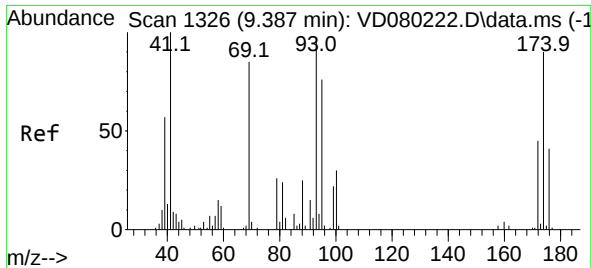
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Tgt Ion: 41 Resp: 18822

Ion	Ratio	Lower	Upper
41	100		
69	75.4	73.7	110.5
39	50.4	49.4	74.2





#49

1,4-Dioxane

Concen: 439.259 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 88 Resp: 4229

Ion Ratio Lower Upper

88 100

43 42.3 28.5 42.7

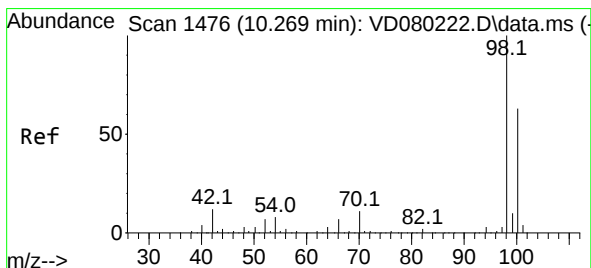
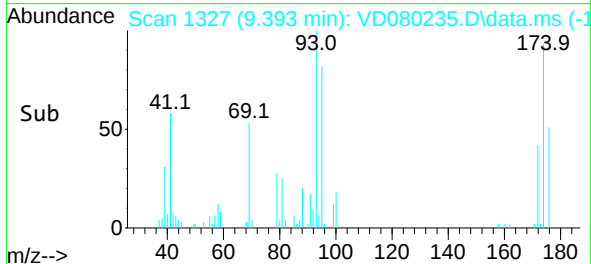
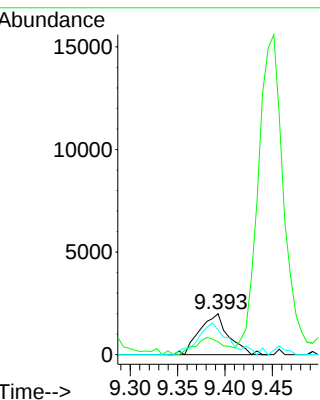
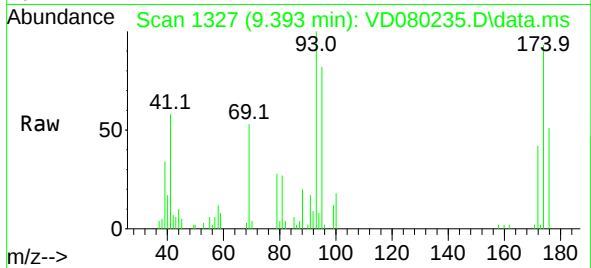
58 79.6 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#50

Toluene-d8

Concen: 56.827 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080235.D

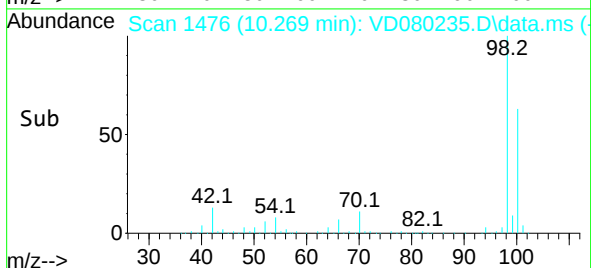
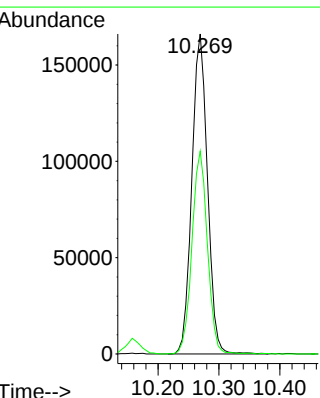
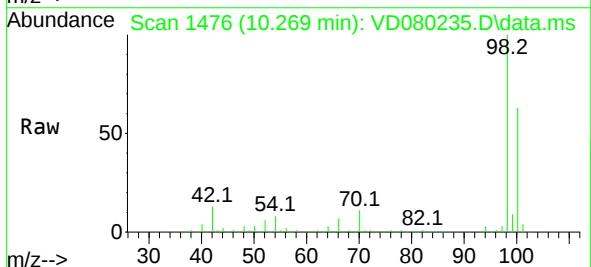
Acq: 04 Feb 2025 13:02

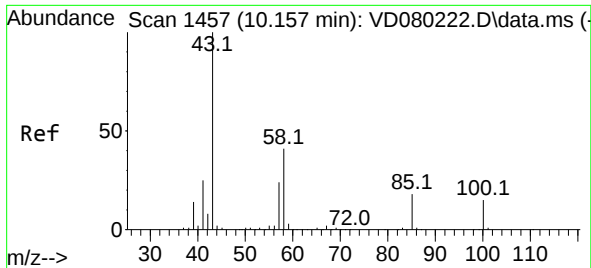
Tgt Ion: 98 Resp: 296441

Ion Ratio Lower Upper

98 100

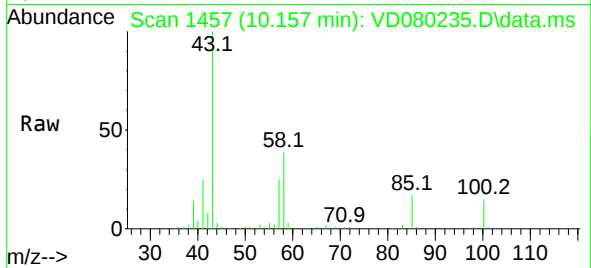
100 62.7 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 109.829 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

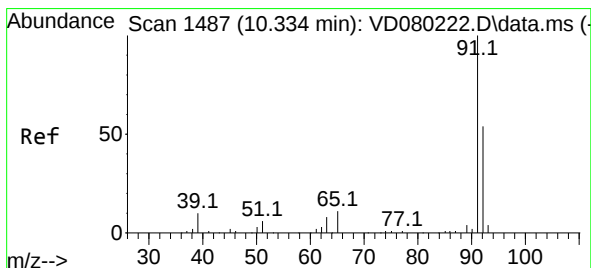
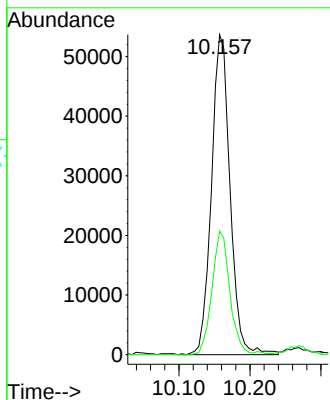
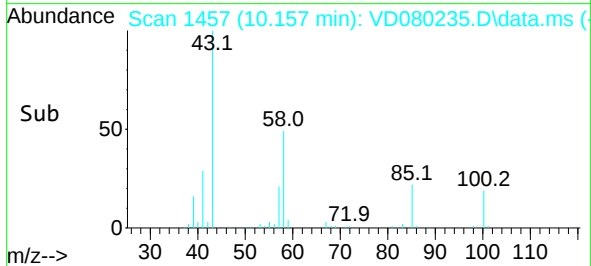
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



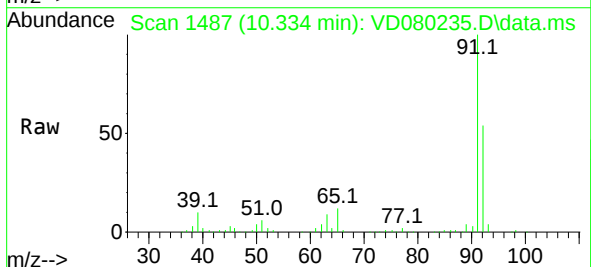
Tgt Ion: 43 Resp: 97378
Ion Ratio Lower Upper
43 100
58 36.9 31.1 46.7

Manual Integrations
APPROVED

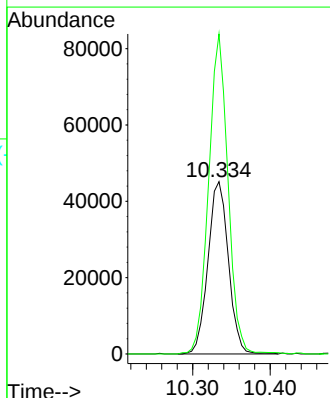
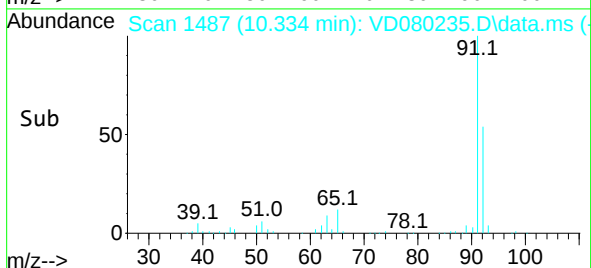
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

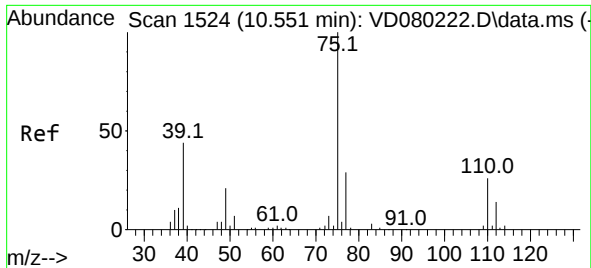


#52
Toluene
Concen: 22.398 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



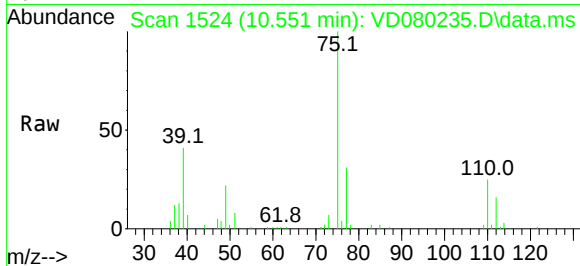
Tgt Ion: 92 Resp: 82737
Ion Ratio Lower Upper
92 100
91 176.0 144.7 217.1





#53
 t-1,3-Dichloropropene
 Concen: 22.117 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

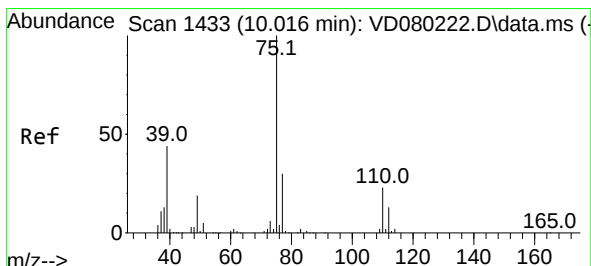
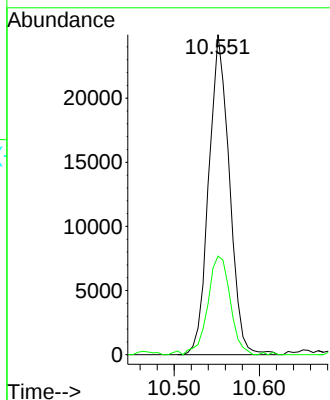
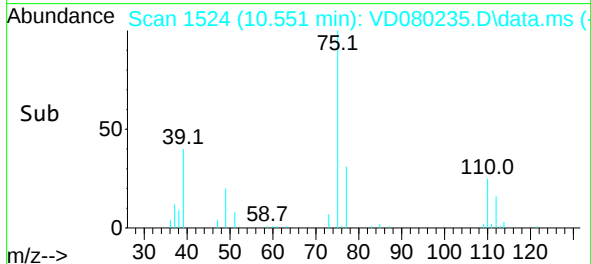
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



Tgt Ion: 75 Resp: 42078
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.0 34.4

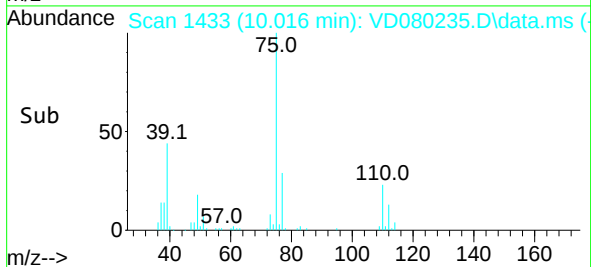
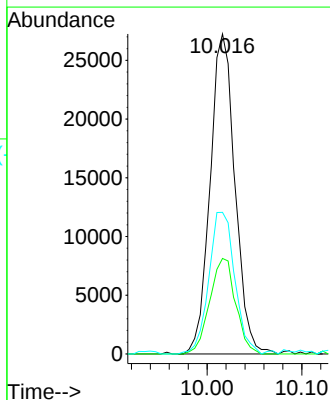
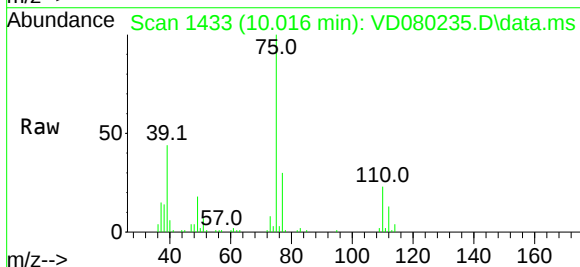
Manual Integrations
 APPROVED

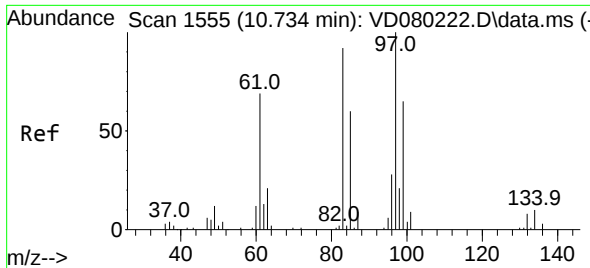
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.479 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

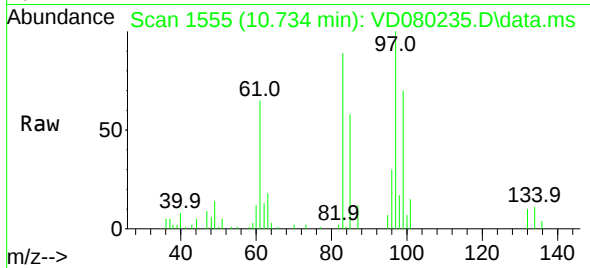
Tgt Ion: 75 Resp: 49708
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.1 36.1
 39 44.2 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 21.406 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

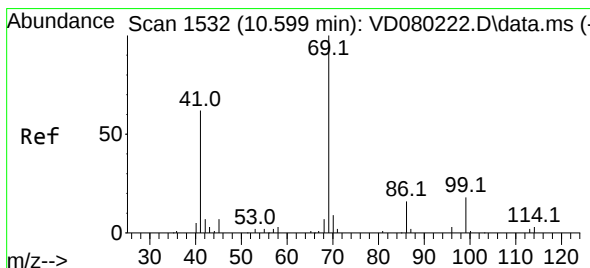
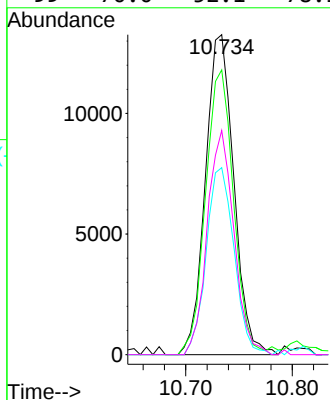
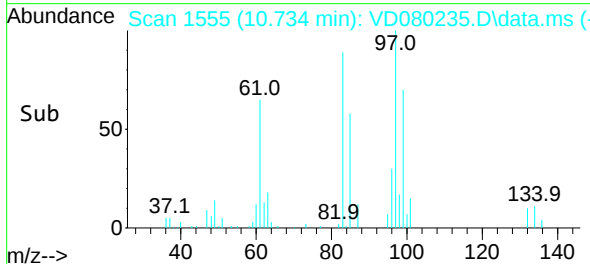
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



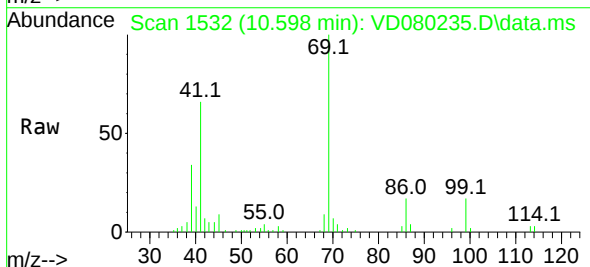
Tgt Ion: 97 Resp: 2461
Ion Ratio Lower Upper
97 100
83 89.0 73.9 110.9
85 58.4 48.2 72.2
99 70.0 52.1 78.1

Manual Integrations
APPROVED

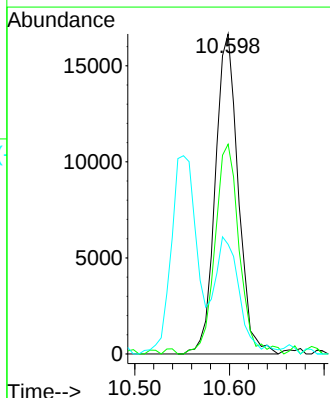
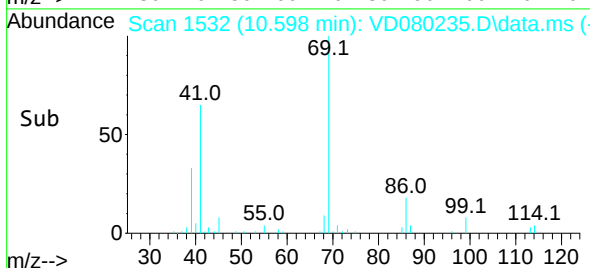
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

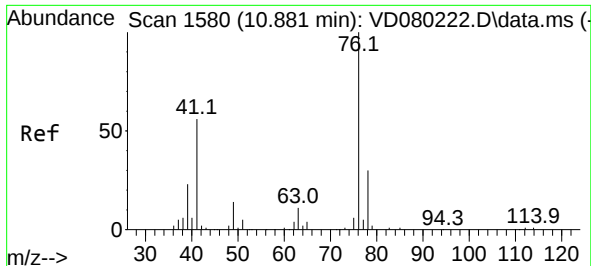


#56
Ethyl methacrylate
Concen: 21.297 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 69 Resp: 27944
Ion Ratio Lower Upper
69 100
41 69.5 51.8 77.6
39 39.7 28.7 43.1





#57

1,3-Dichloropropane

Concen: 21.463 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 76 Resp: 4082

Ion Ratio Lower Upper

76 100

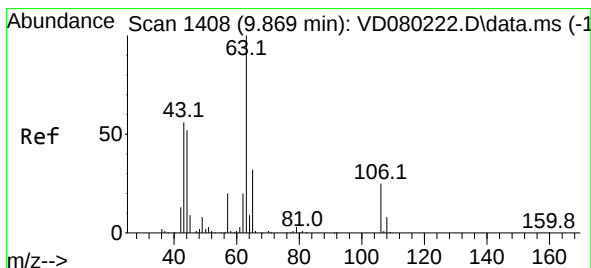
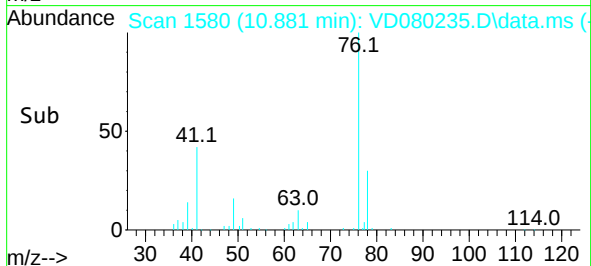
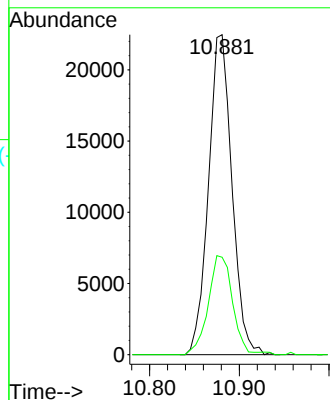
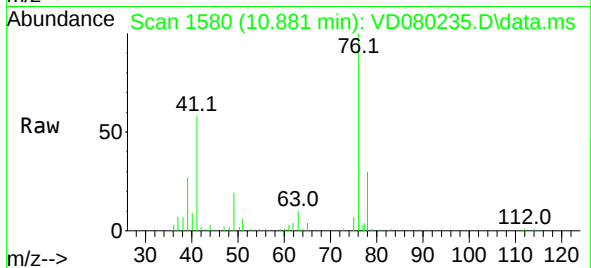
78 32.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 109.681 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080235.D

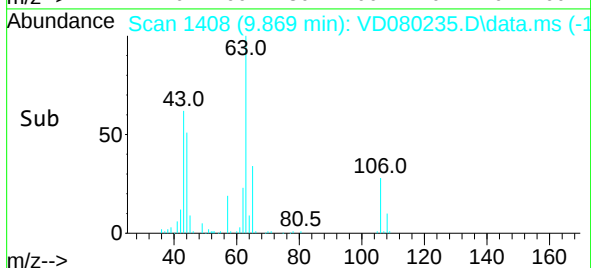
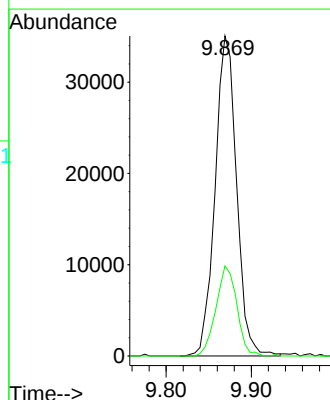
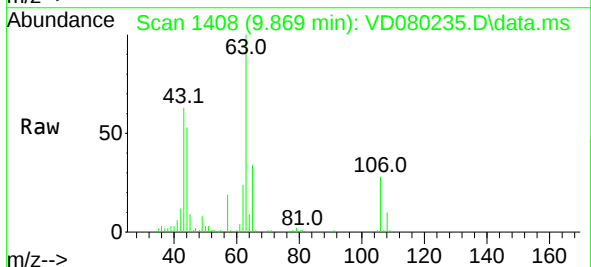
Acq: 04 Feb 2025 13:02

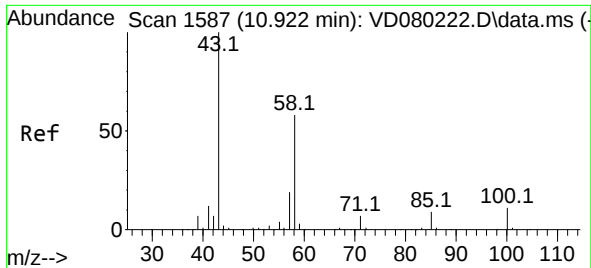
Tgt Ion: 63 Resp: 61423

Ion Ratio Lower Upper

63 100

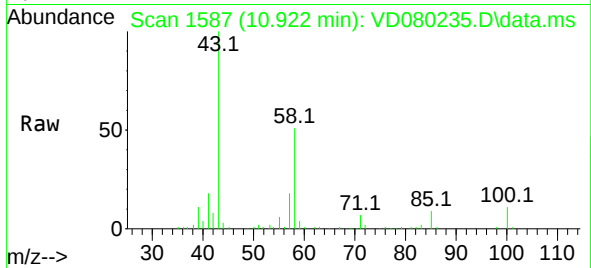
106 27.3 20.6 30.8





#59
2-Hexanone
Concen: 110.061 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

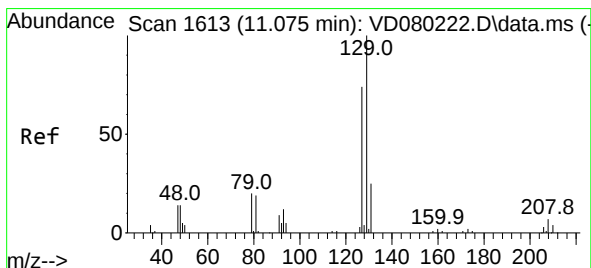
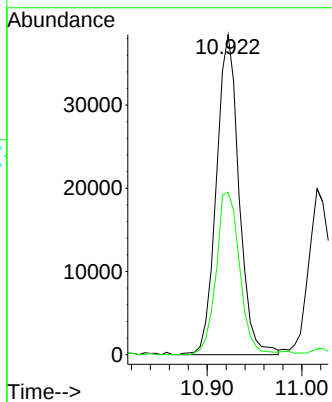
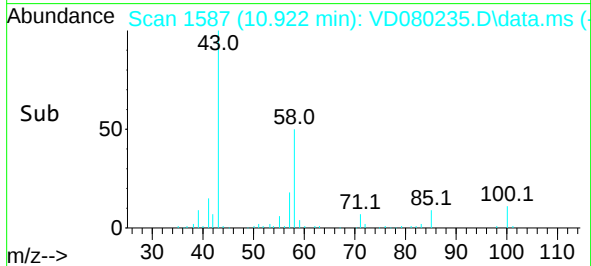
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



Tgt Ion: 43 Resp: 64034
Ion Ratio Lower Upper
43 100
58 52.6 27.4 82.2

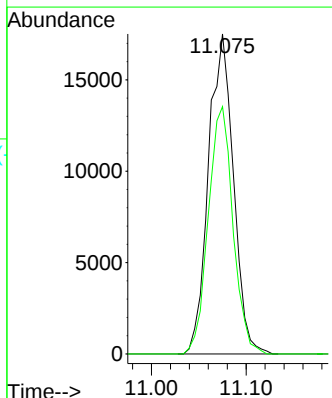
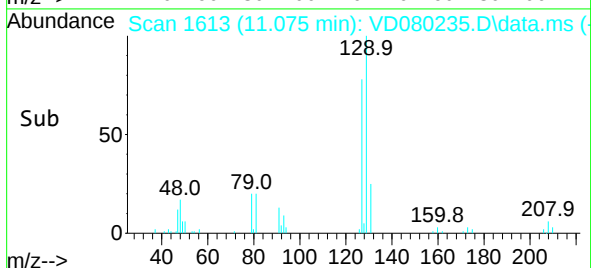
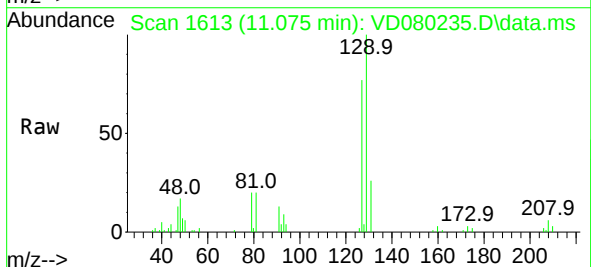
Manual Integrations
APPROVED

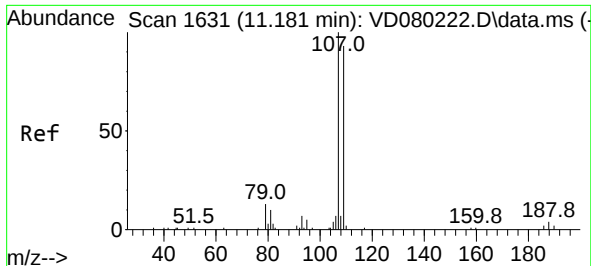
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#60
Dibromochloromethane
Concen: 22.639 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

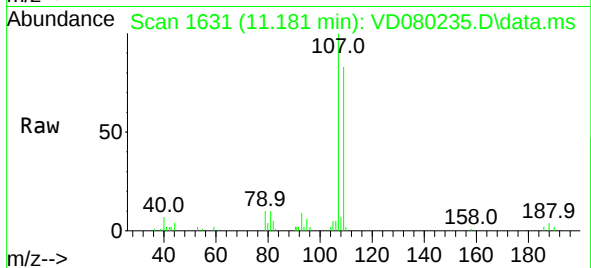
Tgt Ion:129 Resp: 32088
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5





#61
1,2-Dibromoethane
Concen: 21.829 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

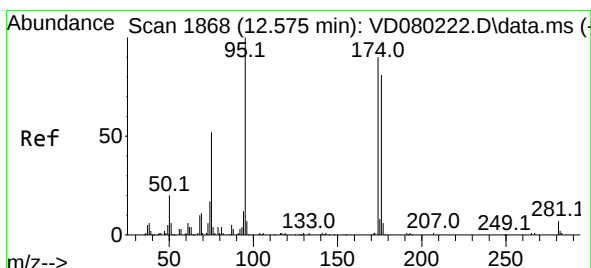
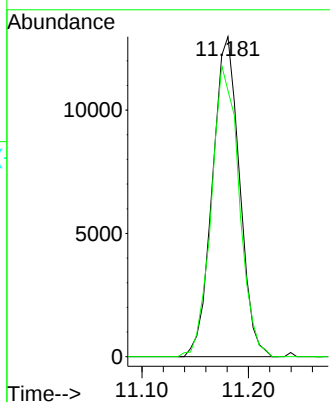
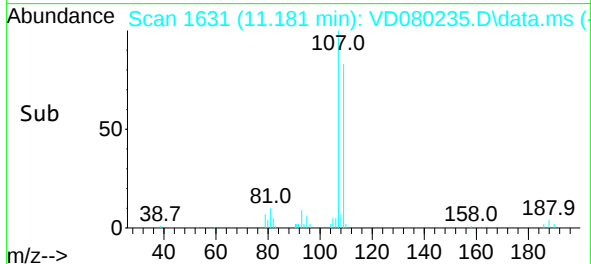
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



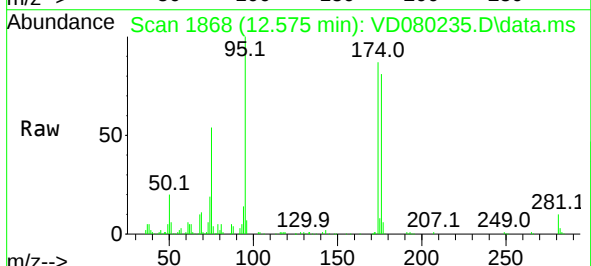
Tgt Ion:107 Resp: 2286
Ion Ratio Lower Upper
107 100
109 93.3 75.1 112.7

Manual Integrations
APPROVED

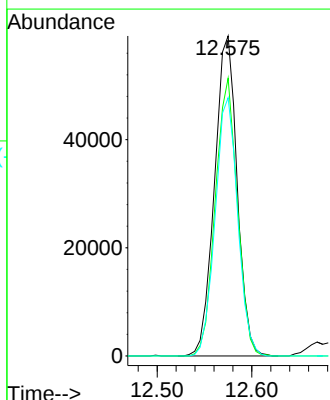
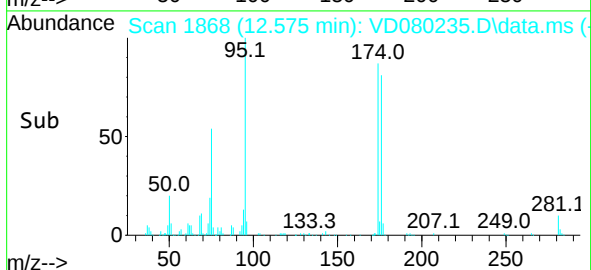
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

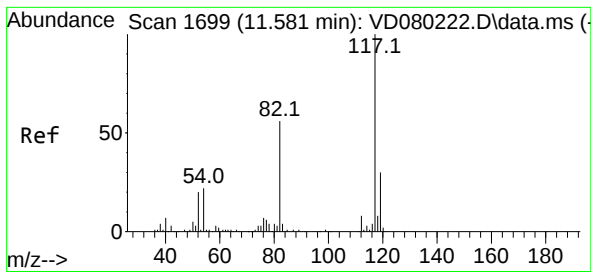


#62
4-Bromofluorobenzene
Concen: 58.719 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



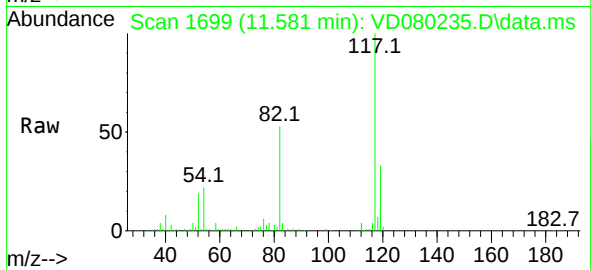
Tgt Ion: 95 Resp: 98284
Ion Ratio Lower Upper
95 100
174 84.4 0.0 171.8
176 79.9 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

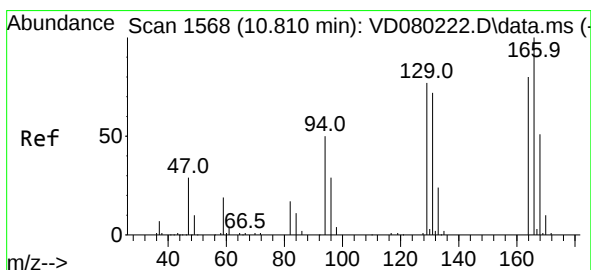
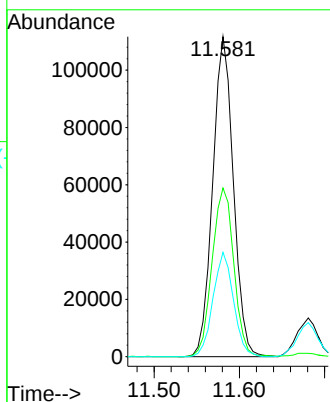
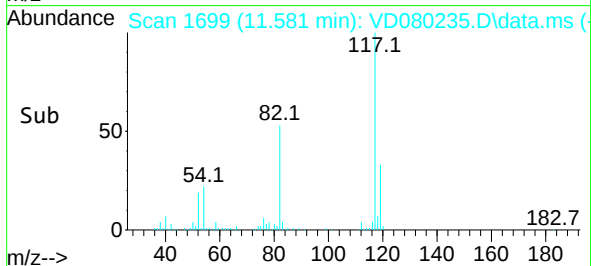
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



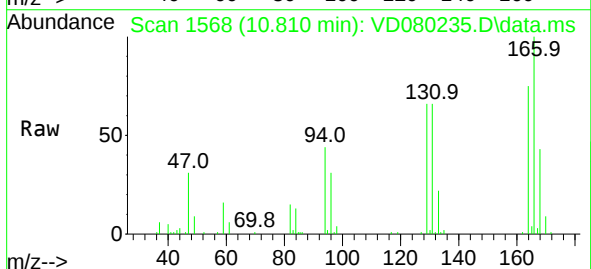
Tgt Ion:117 Resp: 187950
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.6
119 32.6 24.3 36.5

Manual Integrations
APPROVED

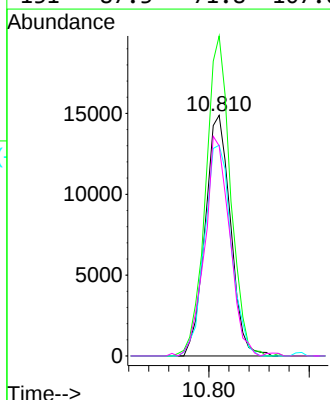
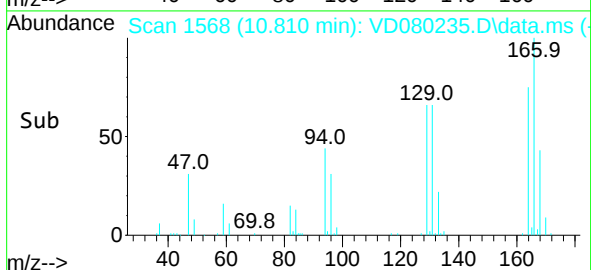
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

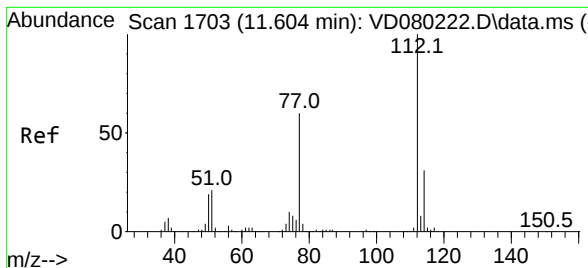


#64
Tetrachloroethene
Concen: 19.863 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



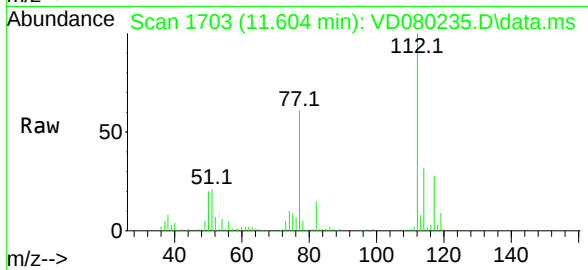
Tgt Ion:164 Resp: 26079
Ion Ratio Lower Upper
164 100
166 132.0 99.4 149.2
129 87.6 76.3 114.5
131 87.3 71.8 107.6





#65
Chlorobenzene
Concen: 20.436 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

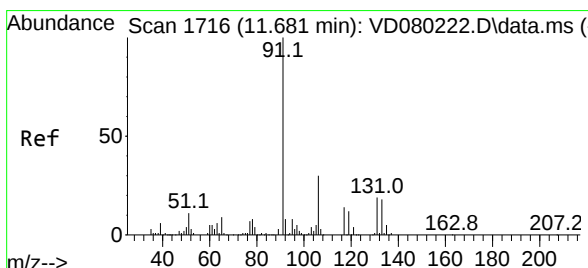
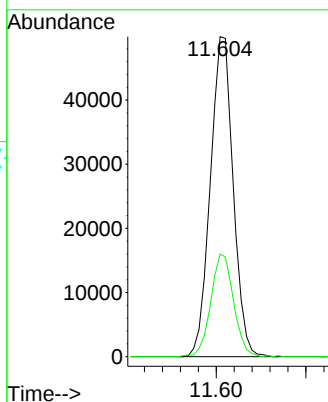
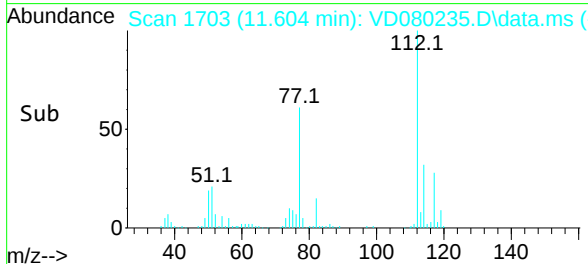
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



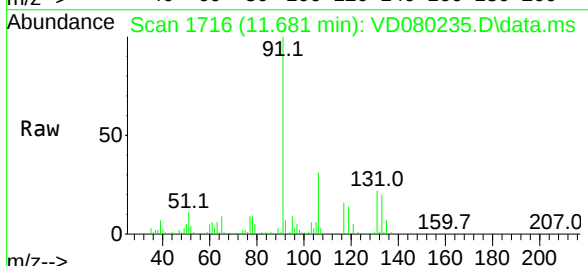
Tgt Ion:112 Resp: 8804
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7

Manual Integrations
APPROVED

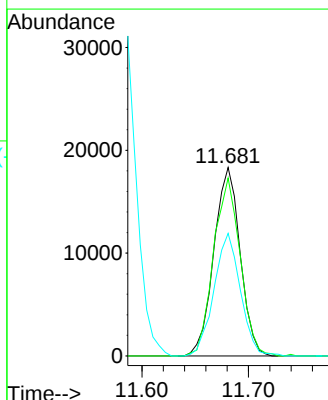
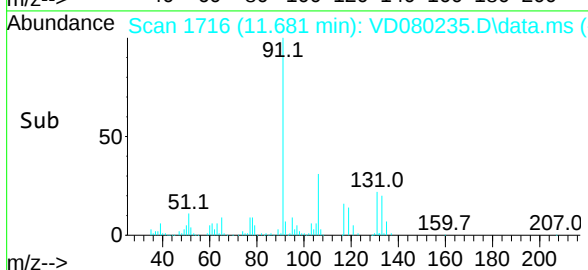
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

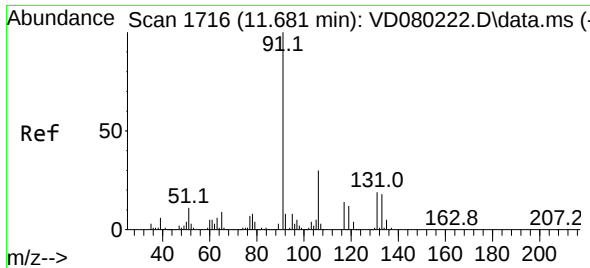


#66
1,1,1,2-Tetrachloroethane
Concen: 20.822 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



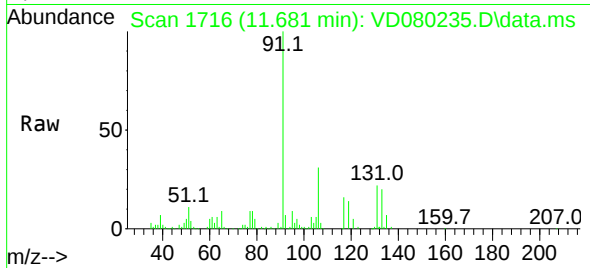
Tgt Ion:131 Resp: 31381
Ion Ratio Lower Upper
131 100
133 95.8 45.9 137.7
119 65.5 33.9 101.6





#67
Ethyl Benzene
Concen: 19.796 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

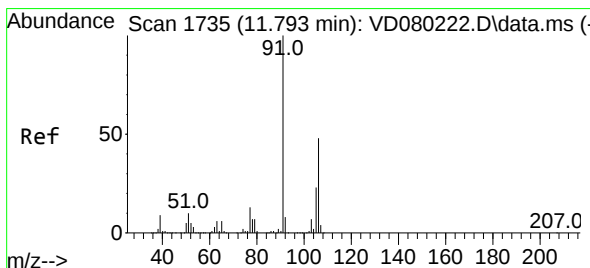
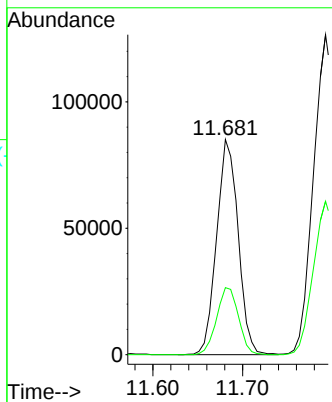
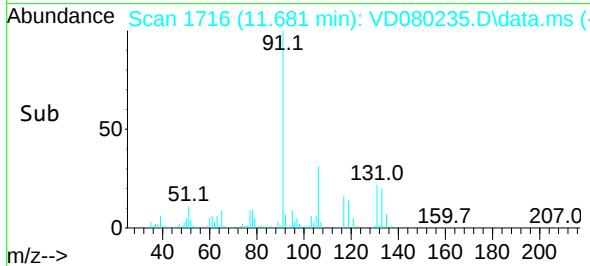
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



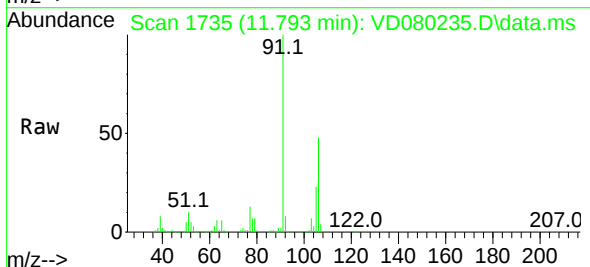
Tgt Ion: 91 Resp: 141870
Ion Ratio Lower Upper
91 100
106 31.1 23.9 35.9

Manual Integrations
APPROVED

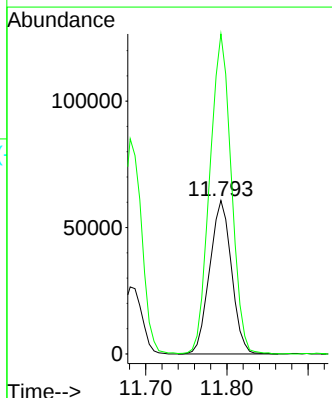
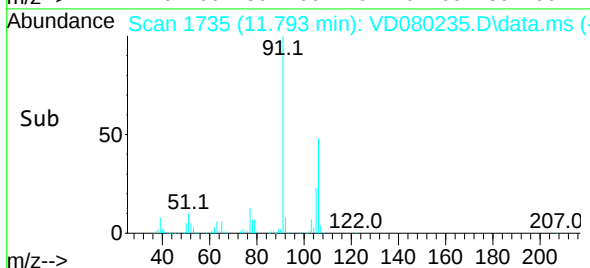
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

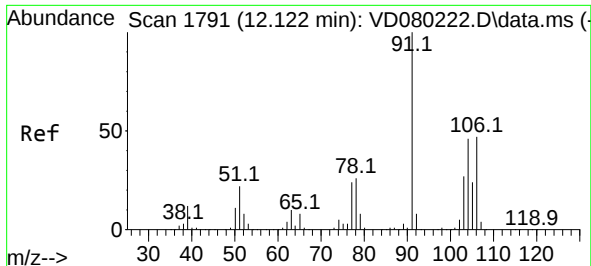


#68
m/p-Xylenes
Concen: 40.731 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:106 Resp: 113323
Ion Ratio Lower Upper
106 100
91 206.4 165.8 248.8





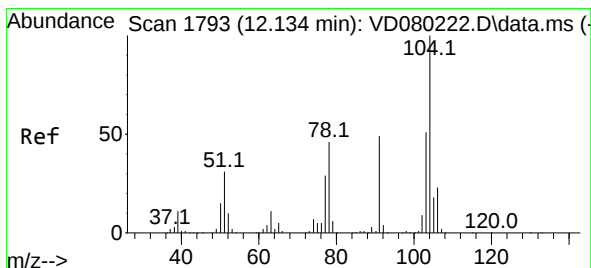
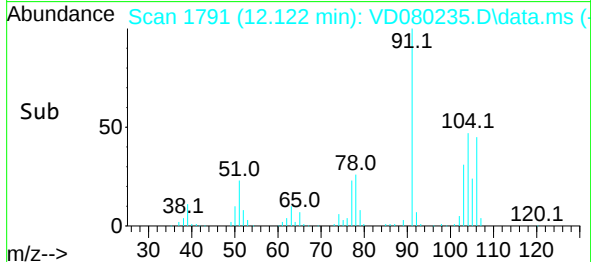
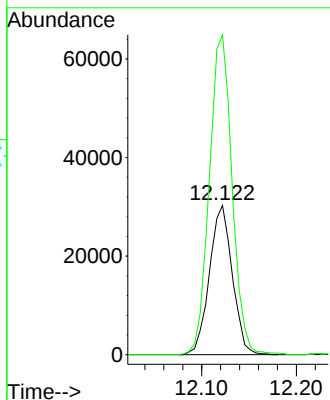
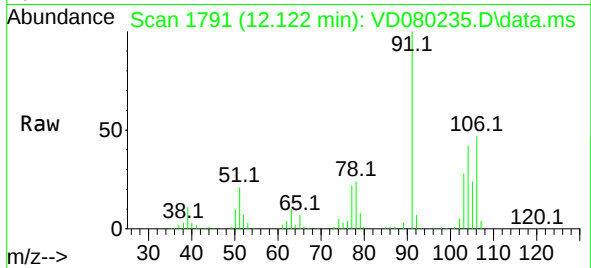
#69
o-Xylene
Concen: 19.980 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.3

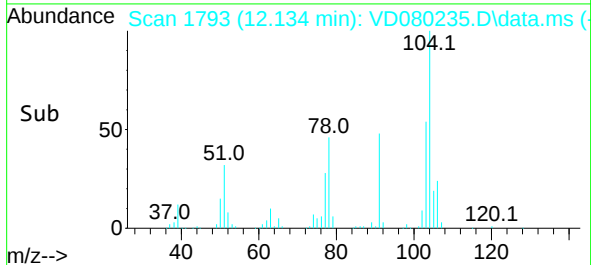
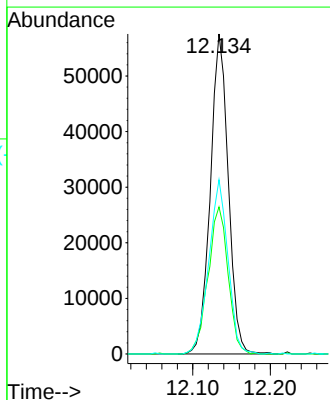
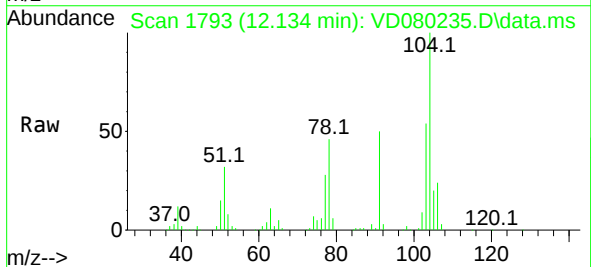
Manual Integrations
APPROVED

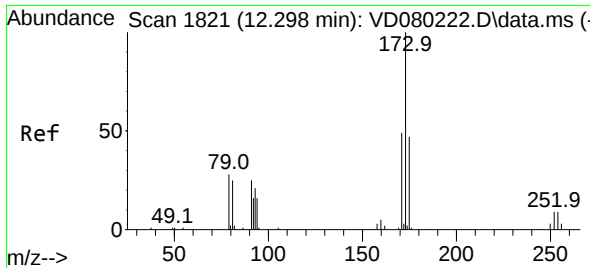
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#70
Styrene
Concen: 20.545 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

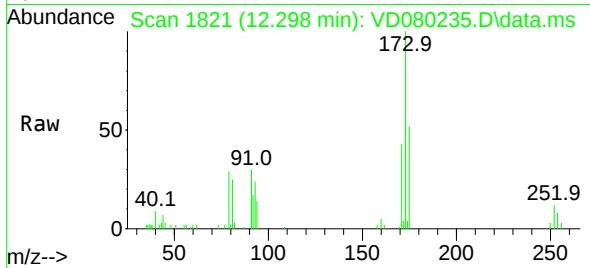
Tgt Ion:104 Resp: 92785
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 58.2 45.0 67.4





#71
Bromoform
Concen: 21.412 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

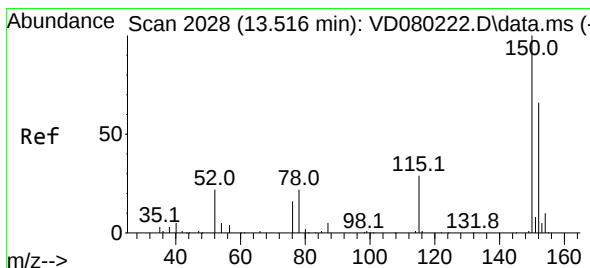
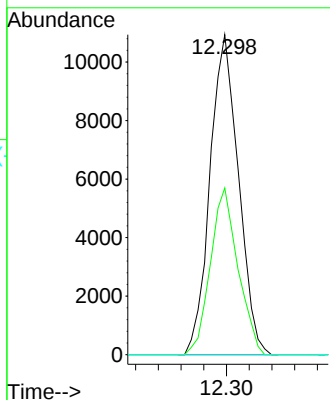
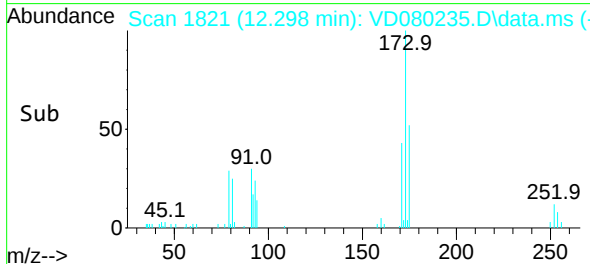
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



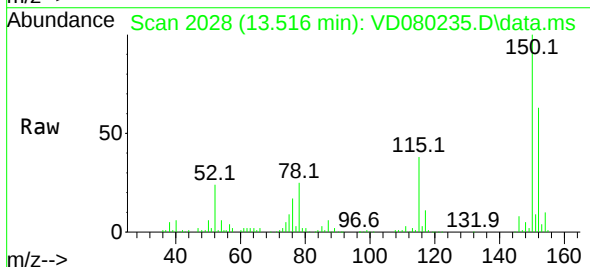
Tgt Ion:173 Resp: 19024
Ion Ratio Lower Upper
173 100
175 50.4 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

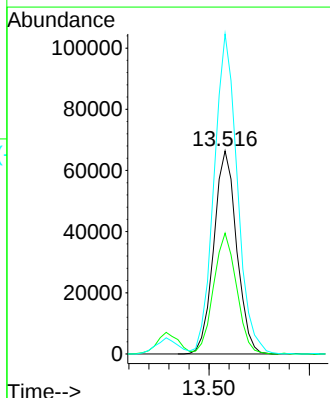
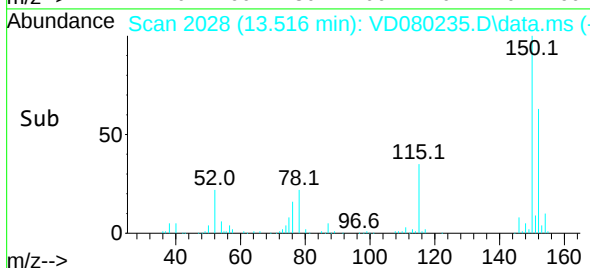
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

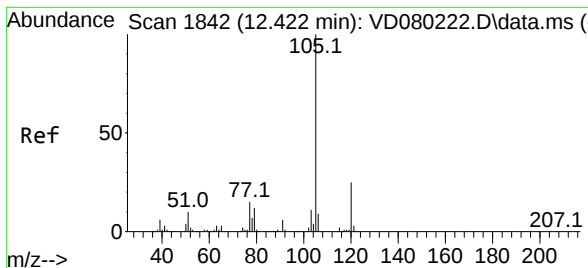


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:152 Resp: 104981
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 160.9 0.0 350.4





#73

Isopropylbenzene

Concen: 18.429 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion:105 Resp: 130864

Ion Ratio Lower Upper

105 100

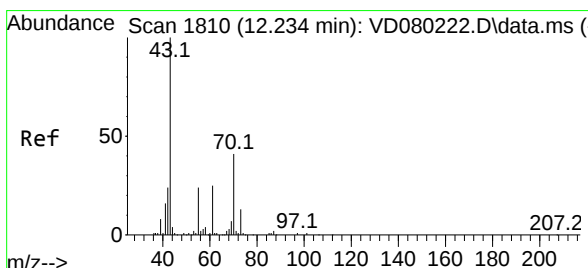
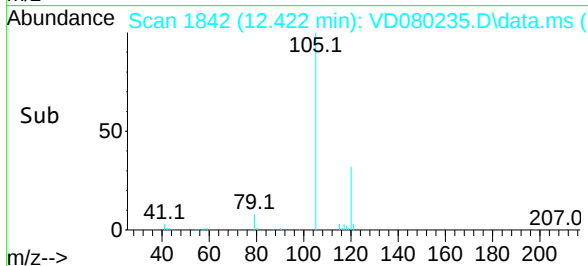
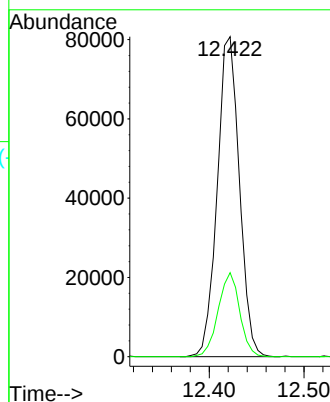
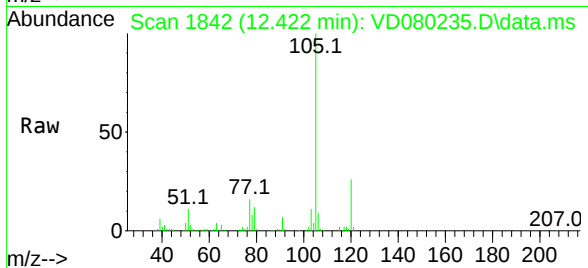
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#74

N-ethyl acetate

Concen: 19.618 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Tgt Ion: 43 Resp: 36618

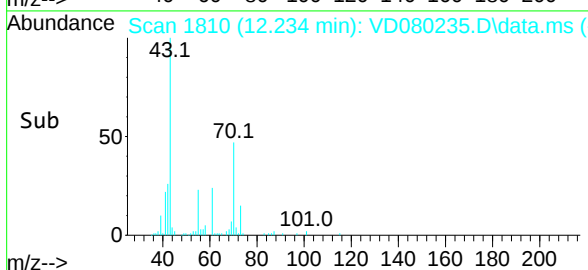
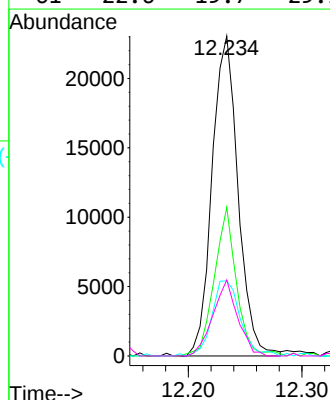
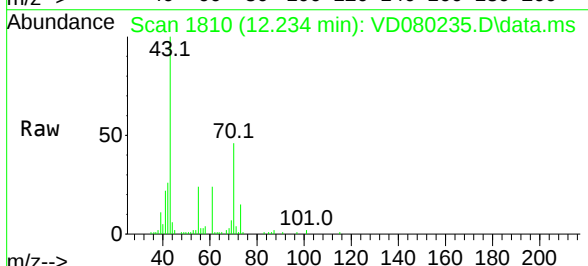
Ion Ratio Lower Upper

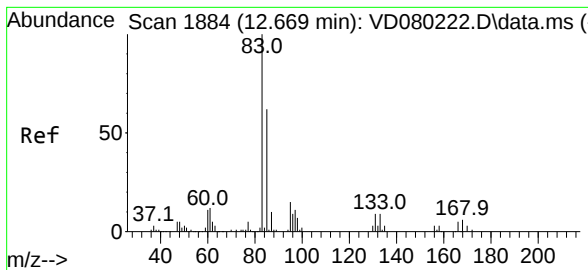
43 100

70 39.8 33.6 50.4

55 25.6 21.4 32.0

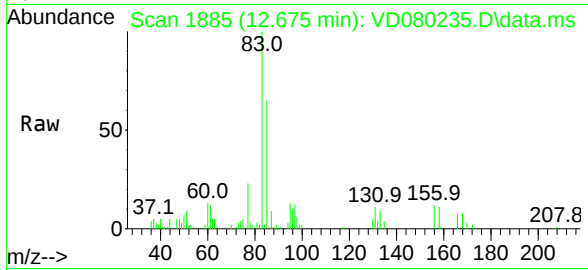
61 22.6 19.7 29.5





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.613 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

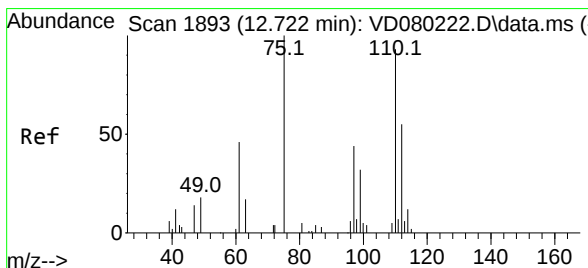
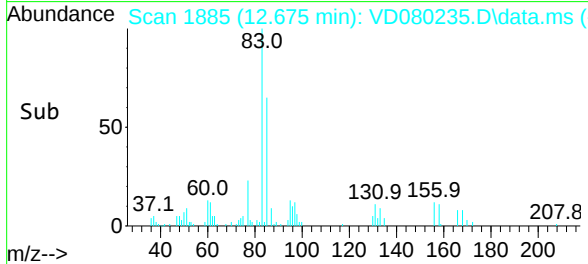
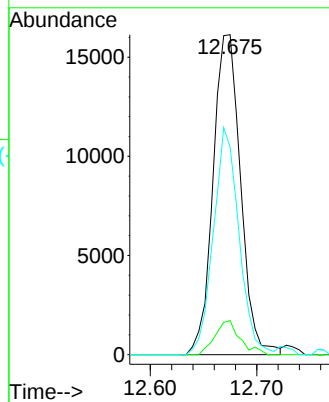
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



Tgt Ion: 83 Resp: 28980
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 65.9 32.4 97.0

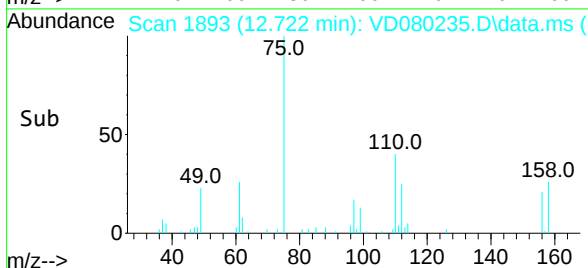
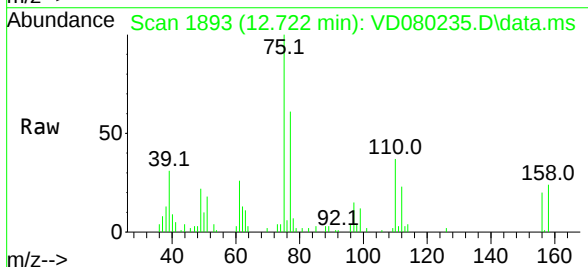
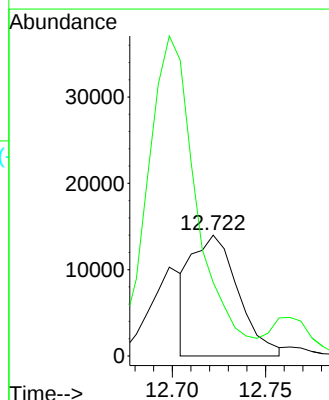
Manual Integrations
 APPROVED

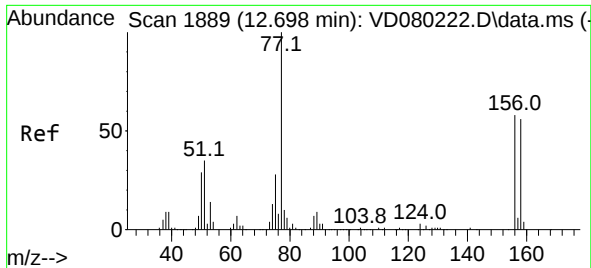
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025



#76
 1,2,3-Trichloropropane
 Concen: 22.859 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

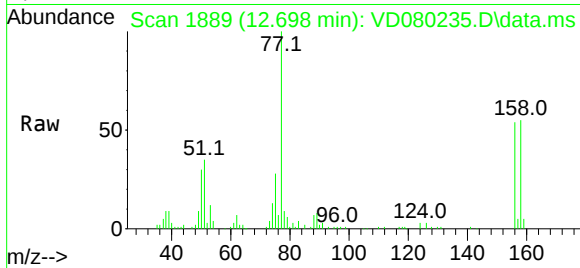
Tgt Ion: 75 Resp: 24273
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.578 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

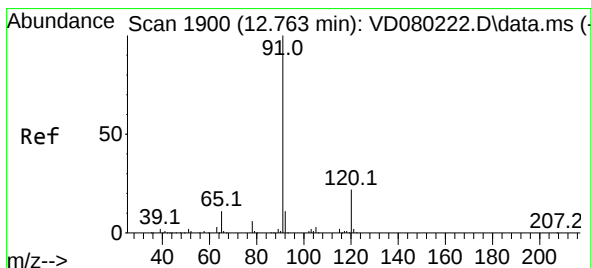
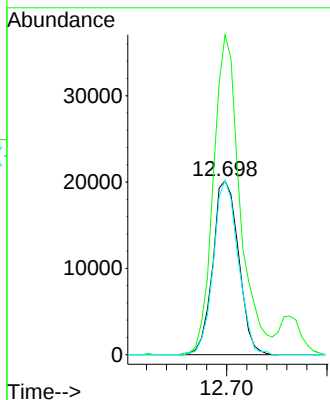
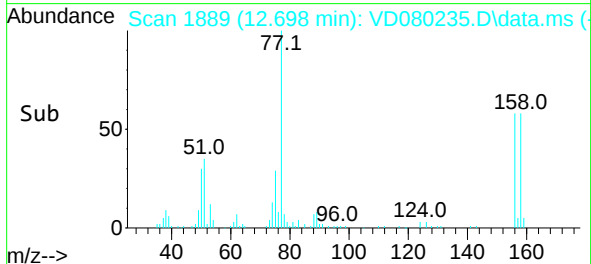
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



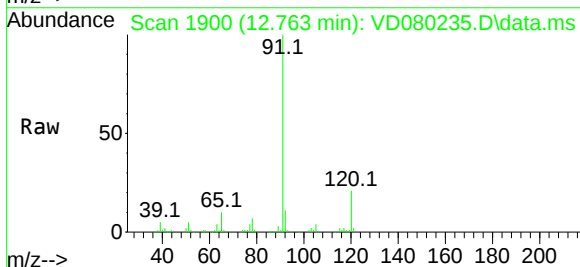
Tgt Ion:156 Resp: 35859
Ion Ratio Lower Upper
156 100
77 190.9 95.2 285.4
158 96.5 47.8 143.3

Manual Integrations
APPROVED

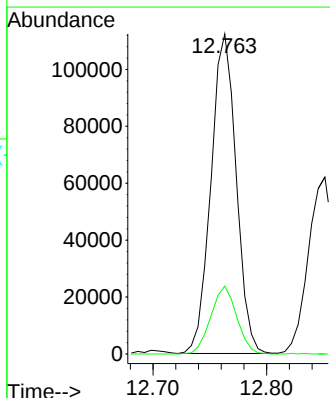
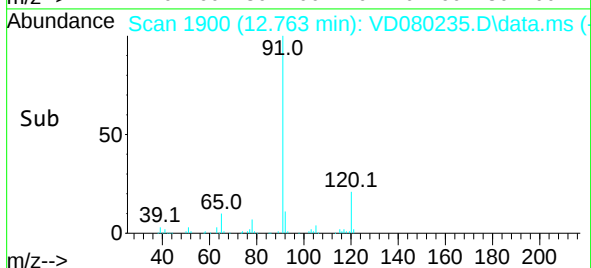
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

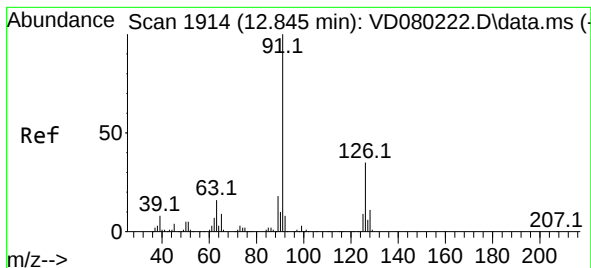


#78
n-propylbenzene
Concen: 19.212 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 91 Resp: 173693
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 19.890 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 91 Resp: 102158

Ion Ratio Lower Upper

91 100

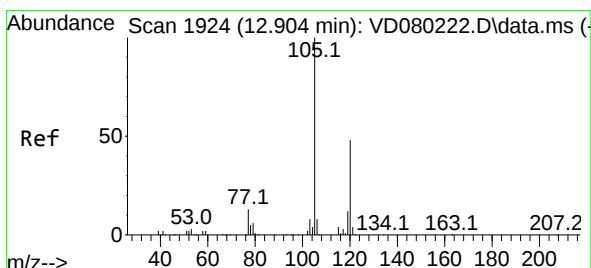
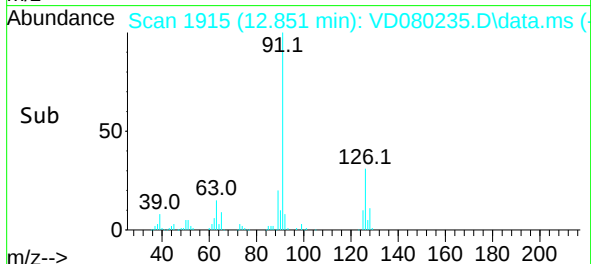
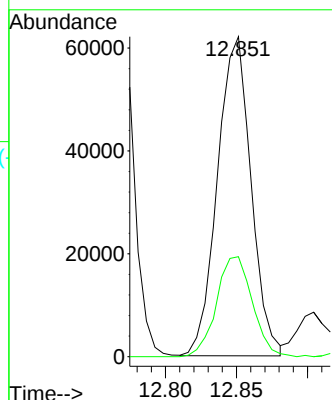
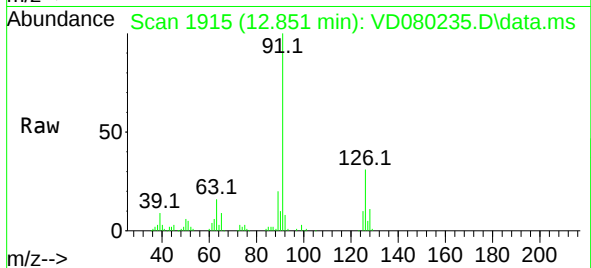
126 33.5 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025

Supervised By :Semsettin Yesilyurt 02/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.659 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD080235.D

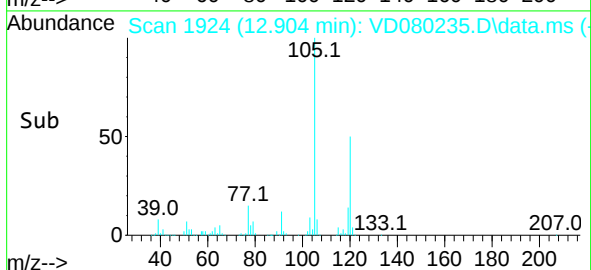
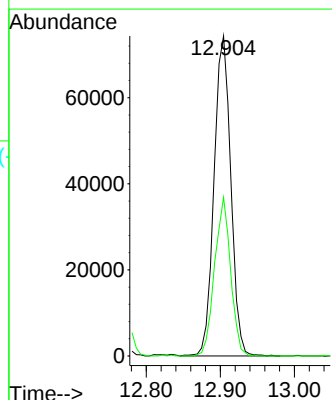
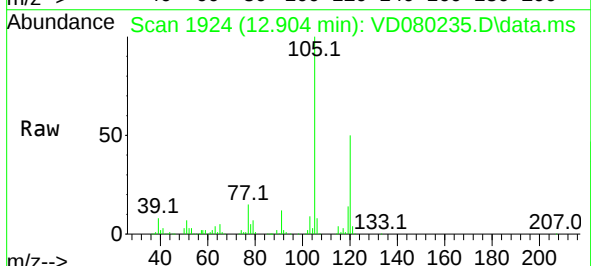
Acq: 04 Feb 2025 13:02

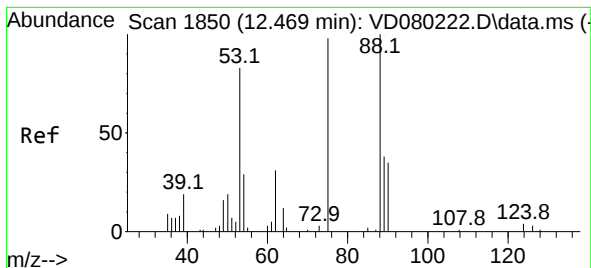
Tgt Ion:105 Resp: 116744

Ion Ratio Lower Upper

105 100

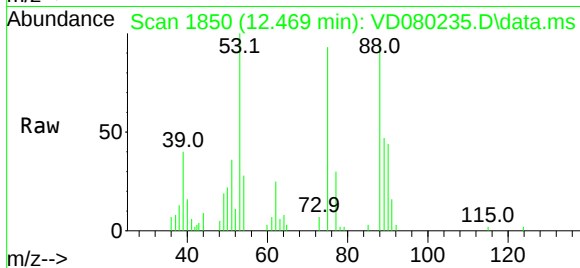
120 47.3 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.565 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

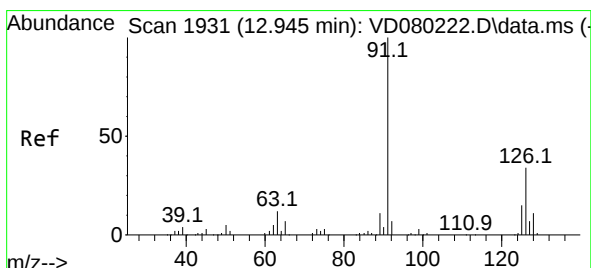
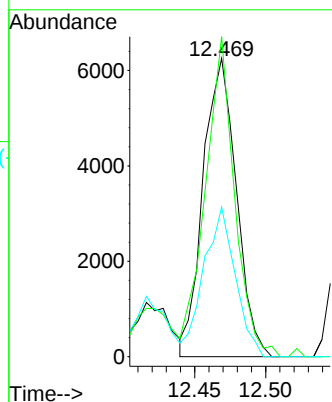
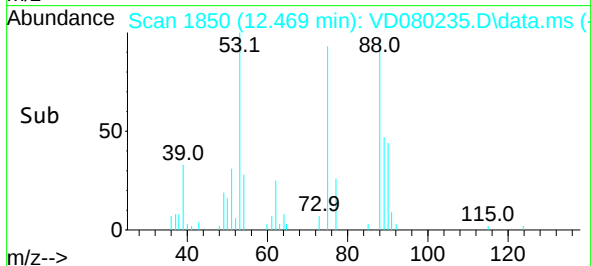
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



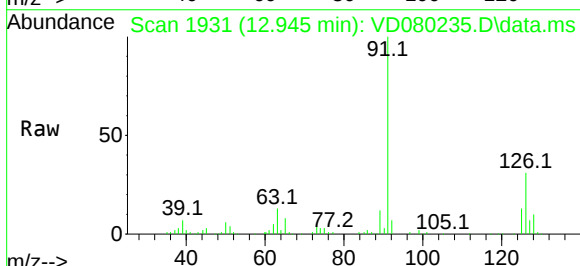
Tgt Ion: 75 Resp: 10160
Ion Ratio Lower Upper
75 100
53 94.8 69.1 103.7
89 47.8 36.5 54.7

Manual Integrations
APPROVED

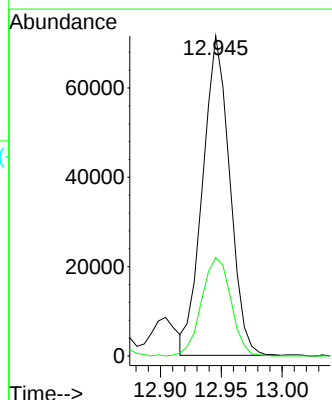
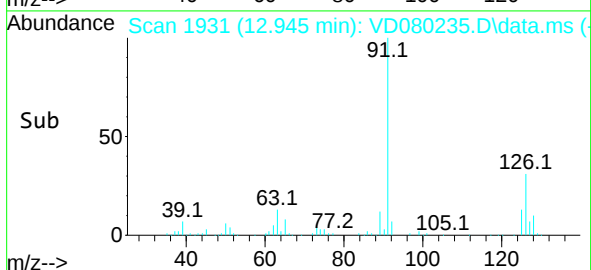
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

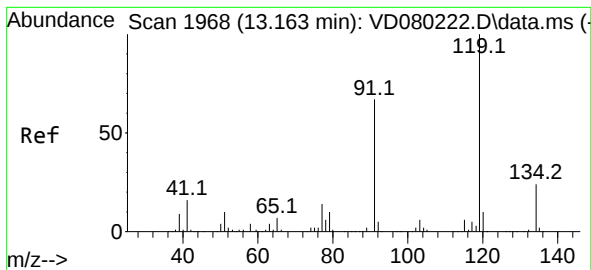


#82
4-Chlorotoluene
Concen: 20.266 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 91 Resp: 110613
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6





#83

tert-Butylbenzene

Concen: 18.976 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

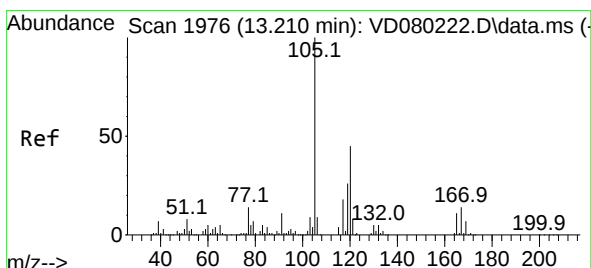
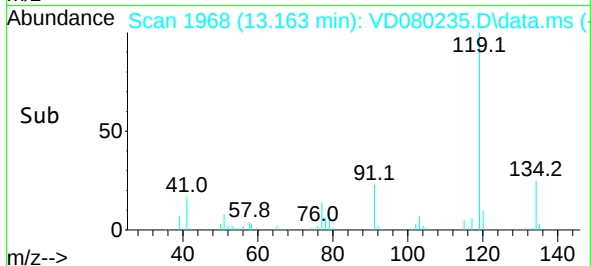
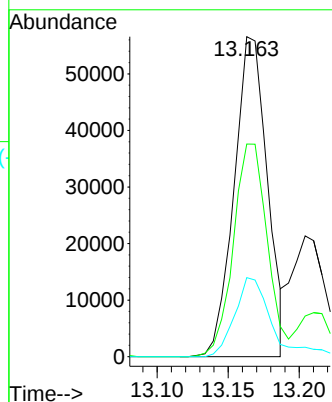
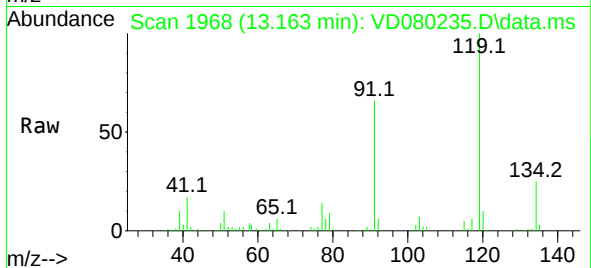
Tgt Ion:119 Resp: 92120

Ion	Ratio	Lower	Upper
119	100		
91	67.9	34.5	103.5
134	27.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.634 ug/l

RT: 13.210 min Scan# 1976

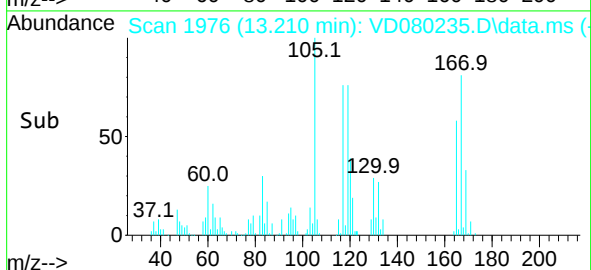
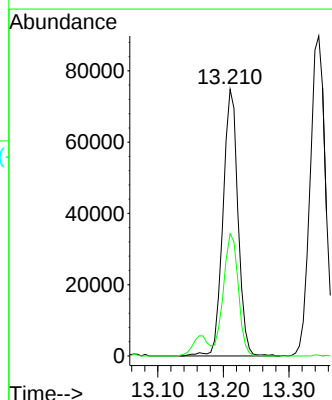
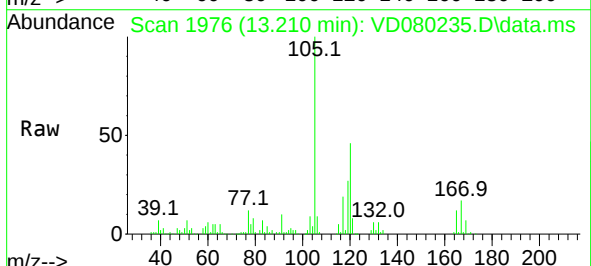
Delta R.T. -0.000 min

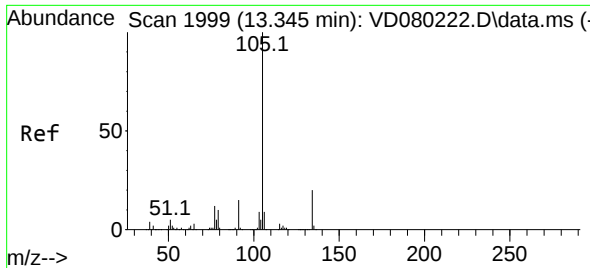
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Tgt Ion:105 Resp: 118680

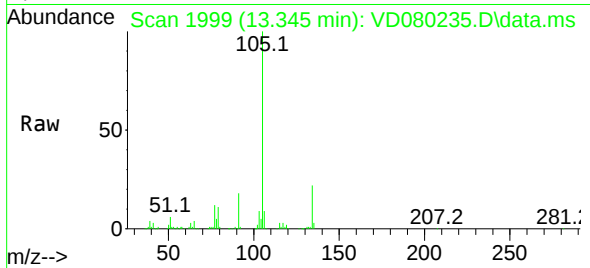
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.1	66.5





#85
 sec-Butylbenzene
 Concen: 19.680 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

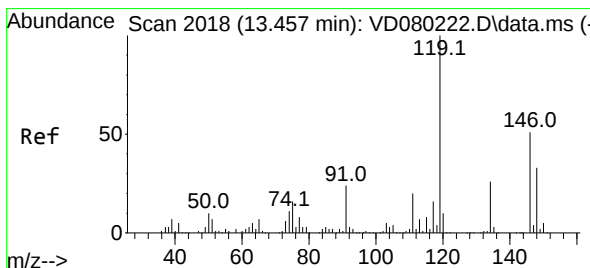
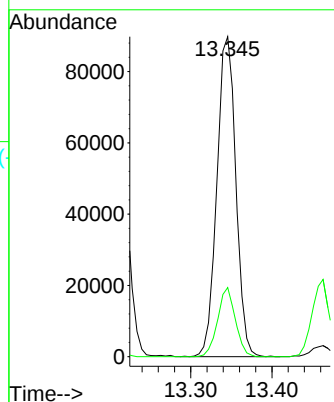
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



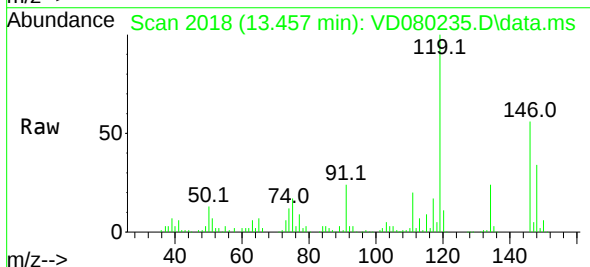
Tgt Ion:105 Resp: 146083
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

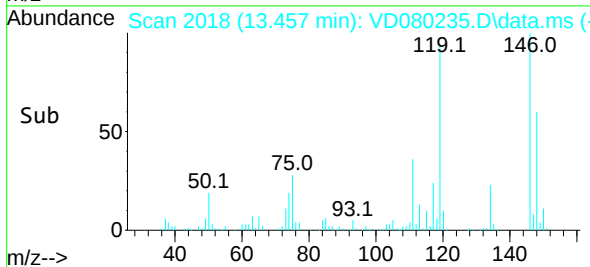
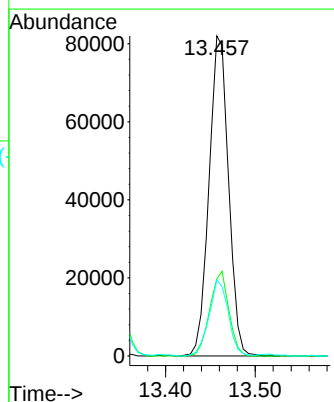
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

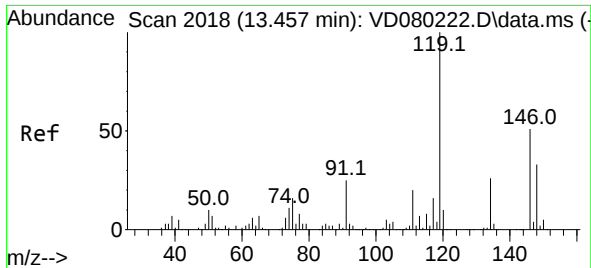


#86
 p-Isopropyltoluene
 Concen: 19.516 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02



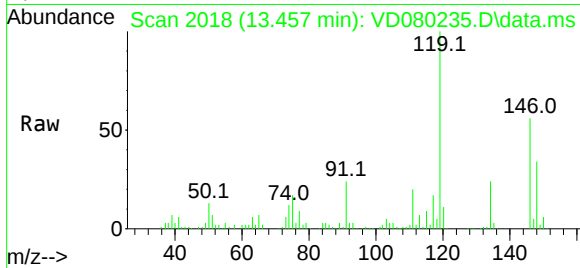
Tgt Ion:119 Resp: 123698
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 23.6 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 20.281 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

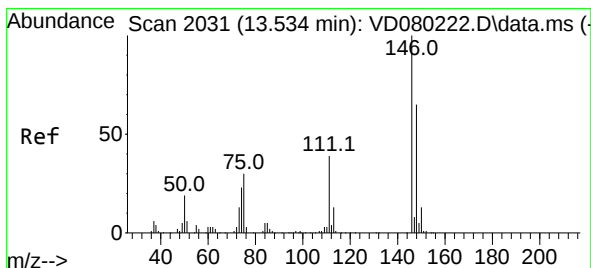
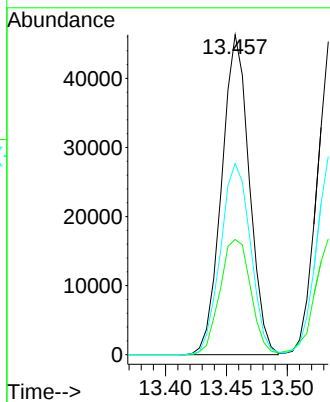
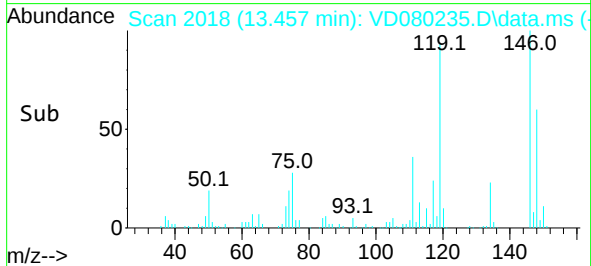
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



Tgt Ion:146 Resp: 7316
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.6
 148 64.9 32.2 96.6

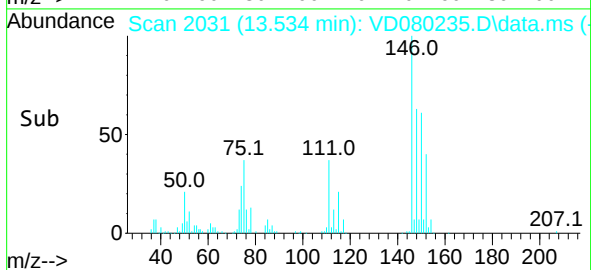
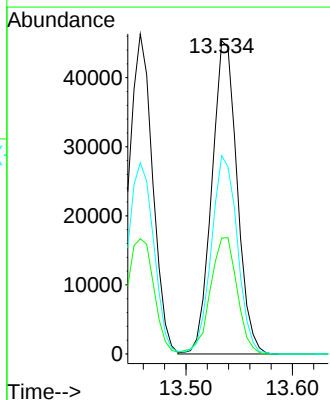
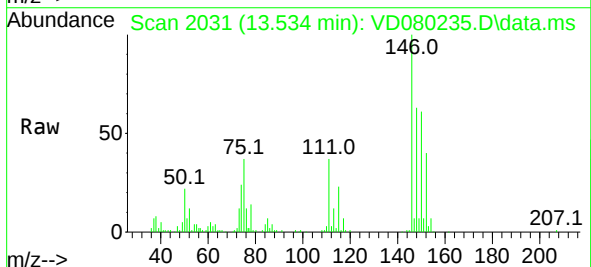
Manual Integrations
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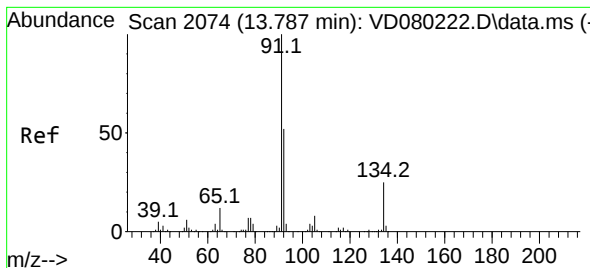
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025



#88
 1,4-Dichlorobenzene
 Concen: 20.474 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Tgt Ion:146 Resp: 74757
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.0
 148 64.8 32.3 96.8





#89

n-Butylbenzene

Concen: 19.664 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

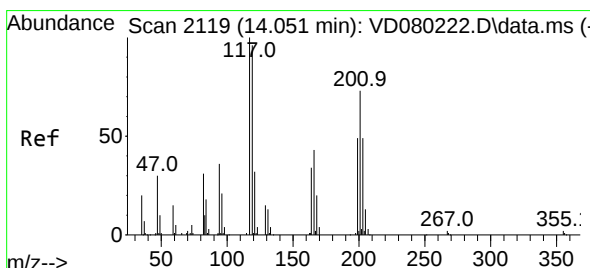
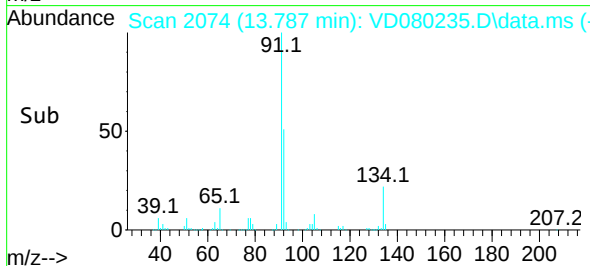
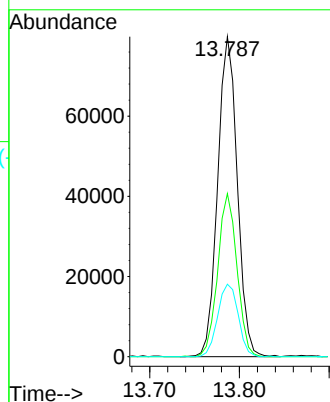
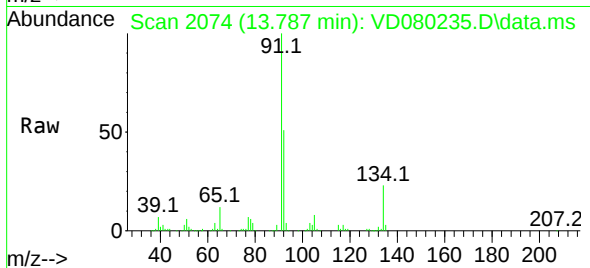
VD0204SBS01

Tgt Ion:	91	Resp:	121110
Ion Ratio	Lower	Upper	
91	100		
92	50.0	26.1	78.2
134	23.7	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#90

Hexachloroethane

Concen: 20.191 ug/l

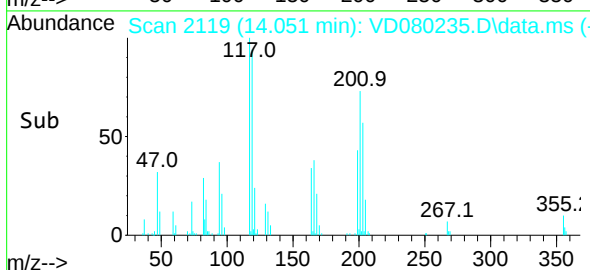
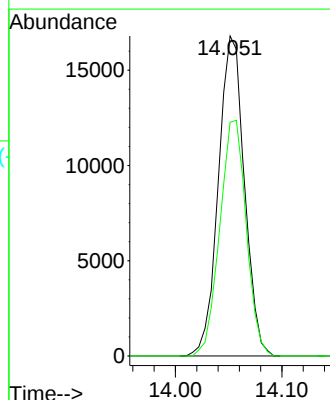
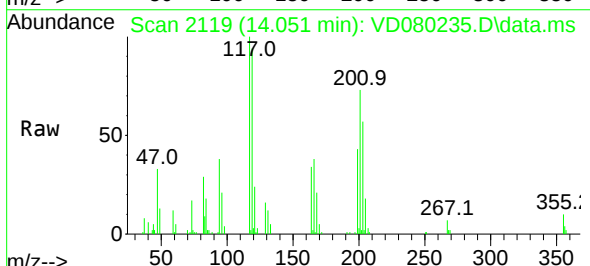
RT: 14.051 min Scan# 2119

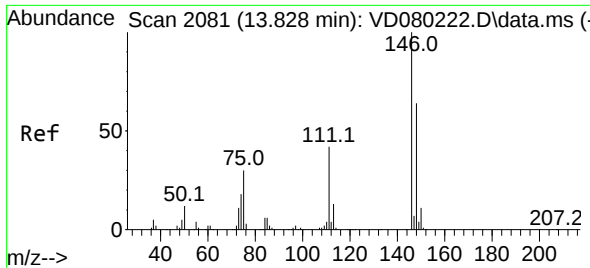
Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

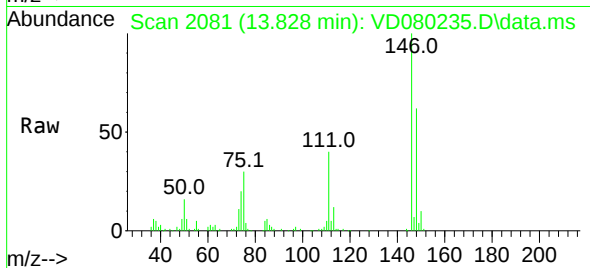
Tgt Ion:	117	Resp:	28443
Ion Ratio	Lower	Upper	
117	100		
201	75.0	36.0	108.0





#91
1,2-Dichlorobenzene
Concen: 20.307 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

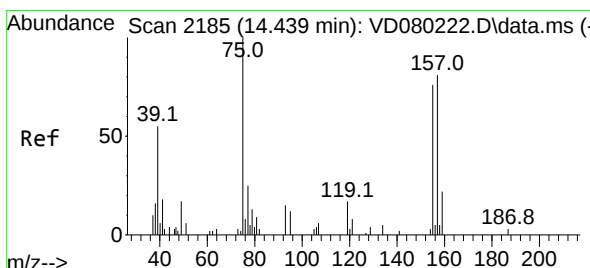
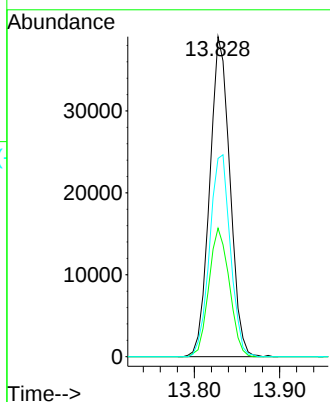
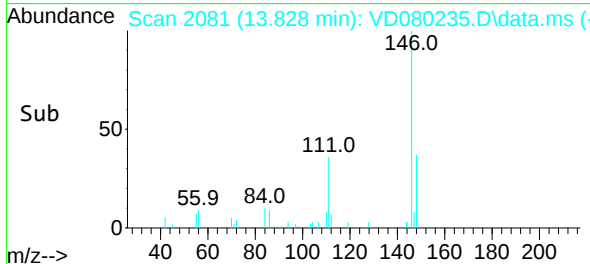
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01



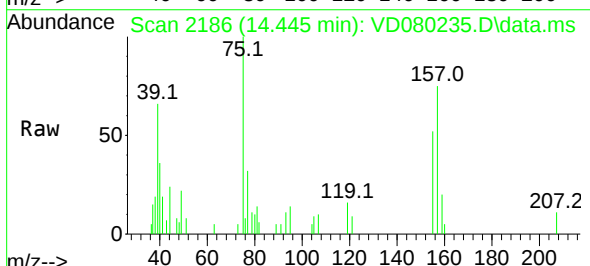
Tgt Ion:146 Resp: 6455
Ion Ratio Lower Upper
146 100
111 40.6 21.0 63.0
148 64.7 32.5 97.5

Manual Integrations
APPROVED

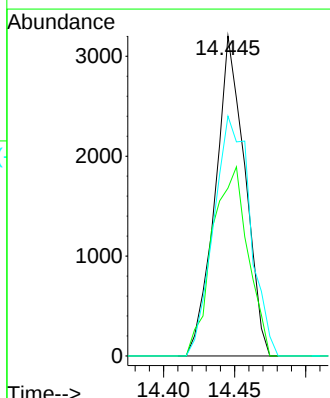
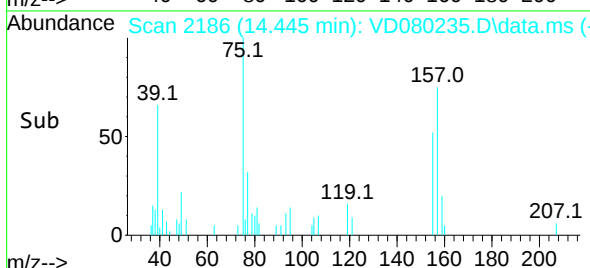
Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

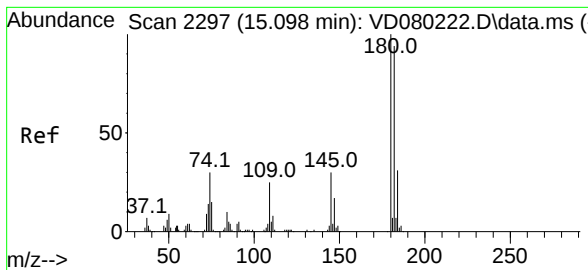


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.780 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



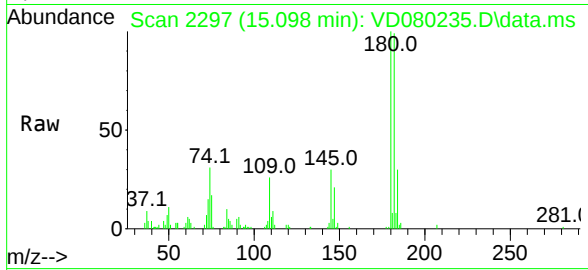
Tgt Ion: 75 Resp: 4650
Ion Ratio Lower Upper
75 100
155 71.4 41.5 124.6
157 92.2 50.5 151.5





#93
 1,2,4-Trichlorobenzene
 Concen: 18.628 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

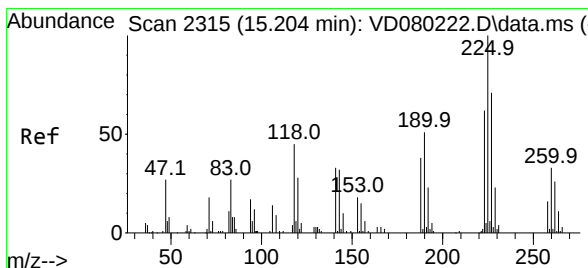
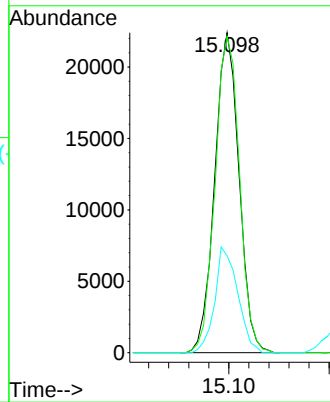
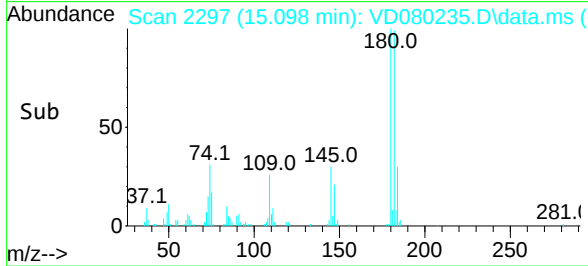
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01



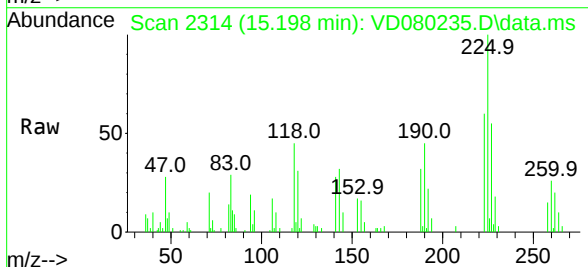
Tgt Ion:180 Resp: 37740
 Ion Ratio Lower Upper
 180 100
 182 99.2 47.5 142.5
 145 31.1 14.6 44.0

Manual Integrations
 APPROVED

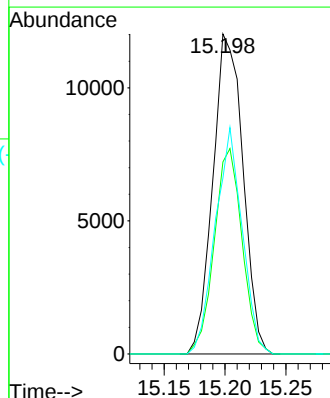
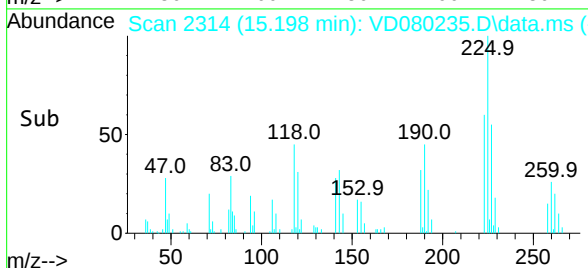
Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

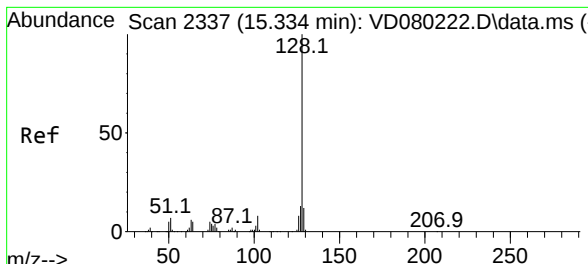


#94
 Hexachlorobutadiene
 Concen: 18.818 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02



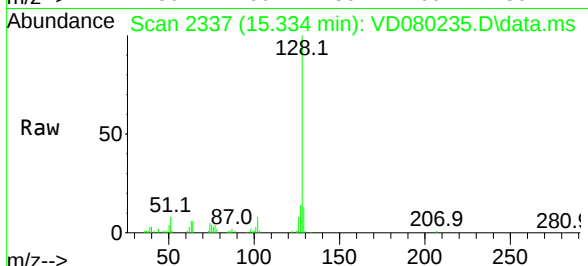
Tgt Ion:225 Resp: 20651
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.3 93.8
 227 63.4 32.4 97.2





#95
Naphthalene
Concen: 20.358 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

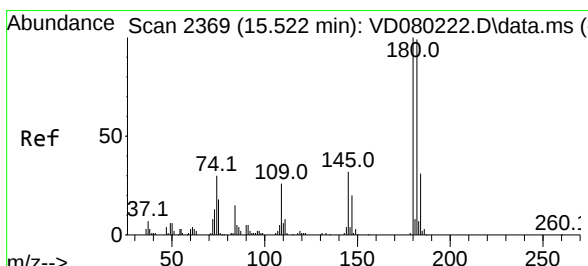
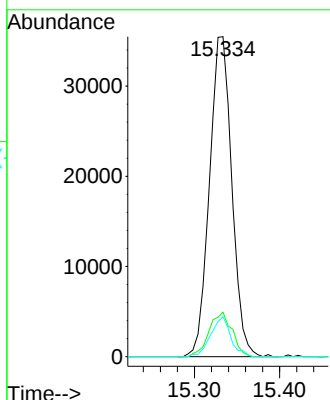
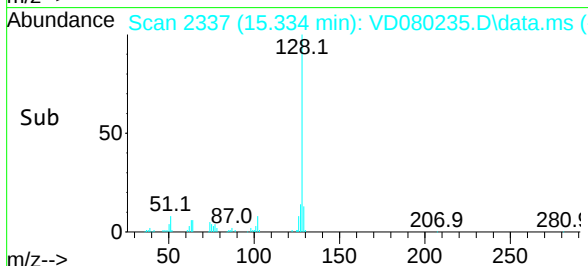
Instrument : MSVOA_D
ClientSampleId : VD0204SBS01



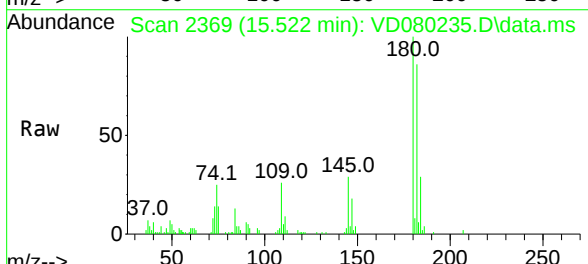
Tgt Ion:128 Resp: 64778
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 12.5 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.625 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:180 Resp: 35887
Ion Ratio Lower Upper
180 100
182 91.9 47.3 142.0
145 30.2 15.6 46.7

