

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079706.D
 Acq On : 12 Aug 2024 12:20
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 12 14:28:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 12 14:24:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	370726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95487	41.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.080%		
35) Dibromofluoromethane	7.805	113	99283	43.441	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.880%		
50) Toluene-d8	10.269	98	439858	46.048	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.100%		
62) 4-Bromofluorobenzene	12.569	95	118866	44.443	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	77853	46.433	ug/l	99
3) Chloromethane	2.146	50	170841	43.737	ug/l	96
4) Vinyl Chloride	2.281	62	211553	45.815	ug/l	97
5) Bromomethane	2.693	94	140935	44.841	ug/l	97
6) Chloroethane	2.834	64	146789	46.571	ug/l	97
7) Trichlorofluoromethane	3.170	101	190791	46.200	ug/l	96
8) Diethyl Ether	3.593	74	54857	42.481	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.964	101	113248	46.583	ug/l	94
10) Methyl Iodide	4.158	142	140561	51.656	ug/l	95
11) Tert butyl alcohol	5.052	59	22455	196.277	ug/l #	95
12) 1,1-Dichloroethene	3.934	96	124767	49.081	ug/l	91
13) Acrolein	3.793	56	53920	199.227	ug/l	95
14) Allyl chloride	4.564	41	184394	48.361	ug/l #	86
15) Acrylonitrile	5.252	53	122642	206.308	ug/l	98
16) Acetone	4.017	43	117547	216.526	ug/l	97
17) Carbon Disulfide	4.269	76	432073	47.948	ug/l	98
18) Methyl Acetate	4.564	43	60070	37.867	ug/l #	85
19) Methyl tert-butyl Ether	5.322	73	225382	43.179	ug/l	96
20) Methylene Chloride	4.799	84	156207	48.175	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	140353	50.288	ug/l #	84
22) Diisopropyl ether	6.216	45	384205	48.899	ug/l #	92
23) Vinyl Acetate	6.152	43	1321870	229.523	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	252558	48.624	ug/l	95
25) 2-Butanone	7.081	43	147797	206.465	ug/l	92
26) 2,2-Dichloropropane	7.081	77	198902	48.489	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	155406	48.004	ug/l	85
28) Bromochloromethane	7.422	49	101042	45.729	ug/l #	63
29) Tetrahydrofuran	7.446	42	84091	193.237	ug/l #	80
30) Chloroform	7.593	83	238461	47.278	ug/l	100
31) Cyclohexane	7.875	56	198891	46.765	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	204725	49.061	ug/l	98
36) 1,1-Dichloropropene	8.005	75	179904	50.782	ug/l	94
37) Ethyl Acetate	7.169	43	61339	38.259	ug/l	96
38) Carbon Tetrachloride	7.993	117	178490	49.636	ug/l	99
39) Methylcyclohexane	9.275	83	210159	50.190	ug/l	89
40) Benzene	8.246	78	577194	50.095	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35011	43.077	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	122122	45.854	ug/l	97
43) Isopropyl Acetate	8.363	43	116856	41.793	ug/l #	78
44) Trichloroethene	9.028	130	127163	50.250	ug/l	85
45) 1,2-Dichloropropane	9.305	63	137192	48.375	ug/l	99
46) Dibromomethane	9.393	93	66602	46.387	ug/l	89
47) Bromodichloromethane	9.581	83	171042	47.258	ug/l	97
48) Methyl methacrylate	9.381	41	57850	44.981	ug/l #	80
49) 1,4-Dioxane	9.387	88	12085	836.297	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	296354	206.014	ug/l	93
52) Toluene	10.334	92	353267	51.131	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	157848	46.655	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	204919	49.349	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	85316	44.575	ug/l	93
56) Ethyl methacrylate	10.593	69	103295	44.384	ug/l #	84
57) 1,3-Dichloropropane	10.875	76	152060	46.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	240039	229.975	ug/l #	88
59) 2-Hexanone	10.916	43	215957	209.874	ug/l	94
60) Dibromochloromethane	11.075	129	106981	45.366	ug/l	97
61) 1,2-Dibromoethane	11.175	107	75071	44.170	ug/l	94
64) Tetrachloroethene	10.804	164	100614	50.274	ug/l	92
65) Chlorobenzene	11.604	112	368337	51.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	112464	47.963	ug/l	98
67) Ethyl Benzene	11.681	91	665331	52.721	ug/l	96
68) m/p-Xylenes	11.793	106	513228	104.584	ug/l	91
69) o-Xylene	12.116	106	235363	52.477	ug/l	89
70) Styrene	12.134	104	409741	52.076	ug/l	96
71) Bromoform	12.298	173	52531	43.583	ug/l #	99
73) Isopropylbenzene	12.416	105	610662	55.352	ug/l	98
74) N-amyl acetate	12.228	43	113338	46.112	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	90430	43.900	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	58970m	22.883	ug/l	
77) Bromobenzene	12.698	156	126958	51.455	ug/l	84
78) n-propylbenzene	12.763	91	749997	54.939	ug/l	96
79) 2-Chlorotoluene	12.846	91	414816	54.567	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	509349	55.675	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	35034	46.604	ug/l	98
82) 4-Chlorotoluene	12.945	91	422345	52.833	ug/l	96
83) tert-Butylbenzene	13.163	119	427557	55.375	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	518248	55.370	ug/l	97
85) sec-Butylbenzene	13.340	105	653046	54.888	ug/l	98
86) p-Isopropyltoluene	13.457	119	553048	55.333	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	270057	51.414	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	261588	50.452	ug/l	97
89) n-Butylbenzene	13.787	91	518153	54.998	ug/l	98
90) Hexachloroethane	14.051	117	106259	51.815	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	226266	50.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11470	40.794	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	129960	49.938	ug/l	98
94) Hexachlorobutadiene	15.198	225	68921	52.664	ug/l	97
95) Naphthalene	15.328	128	235407	47.296	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	109211	47.875	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Aug 12 14:24:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

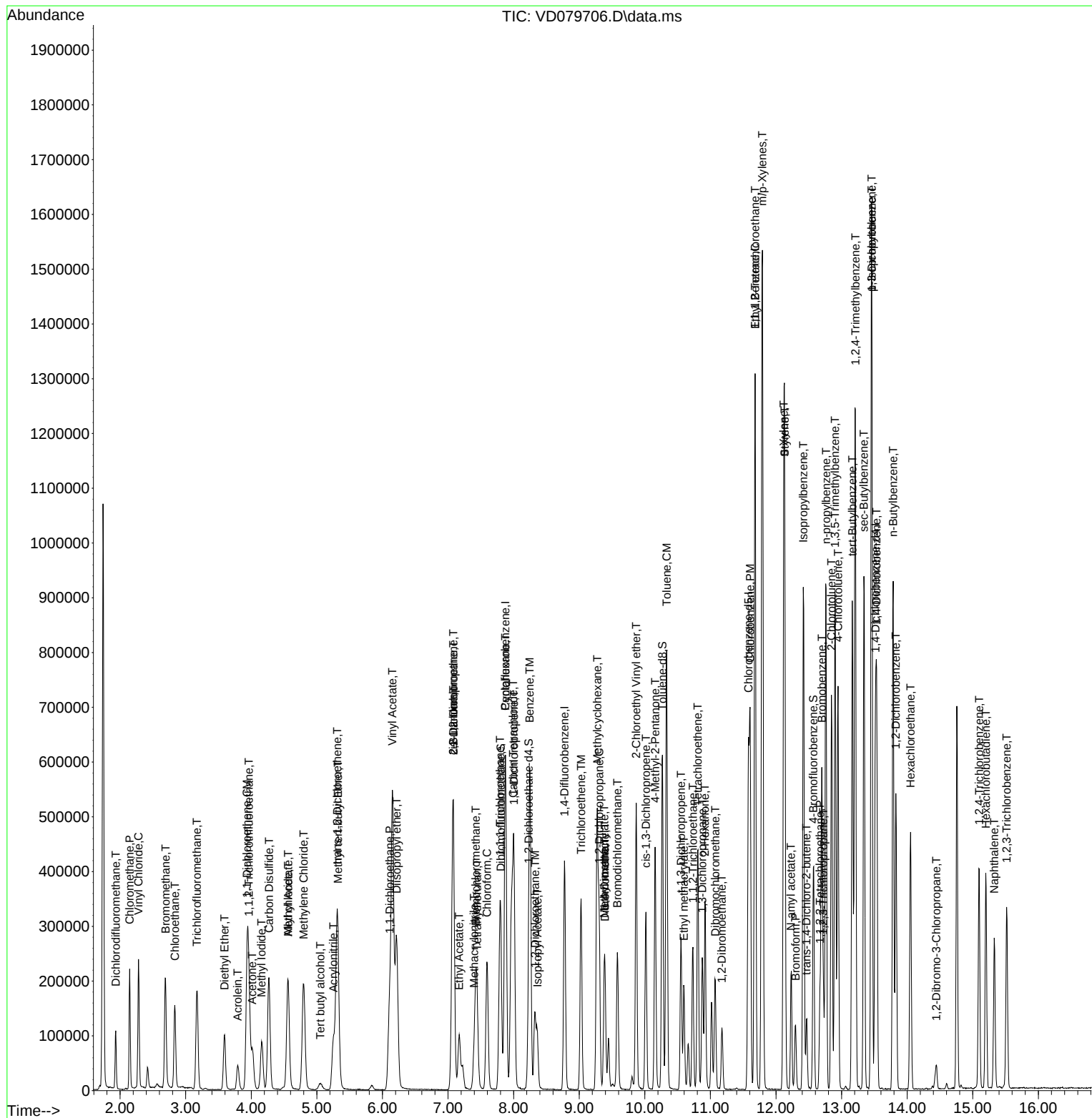
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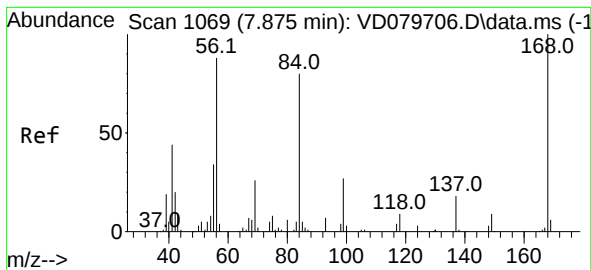
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 20224

Ion Ratio Lower Upper

168 100

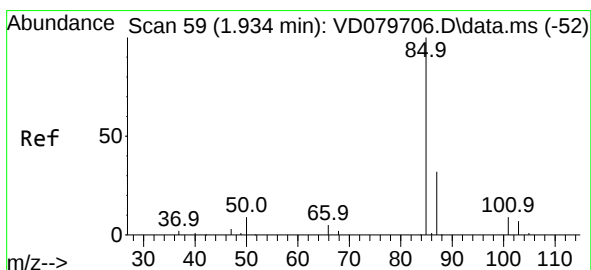
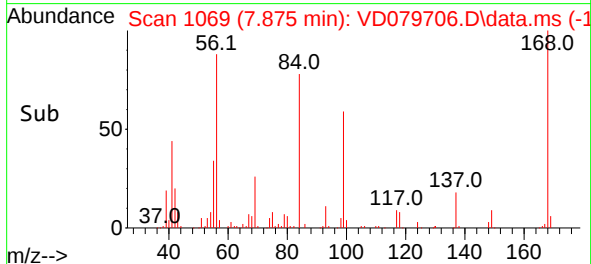
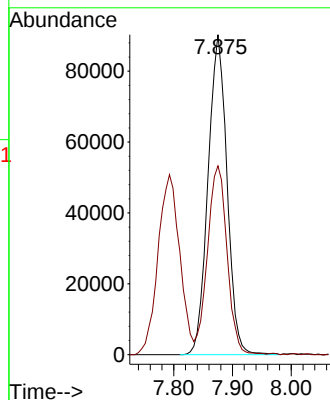
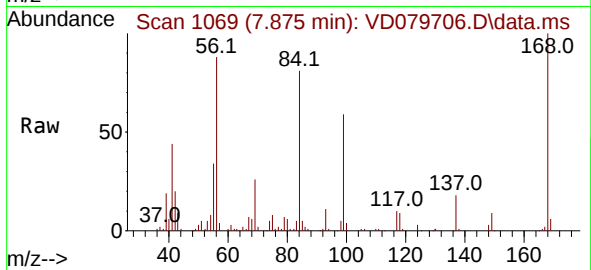
99 59.0 41.1 61.7

Manual Integrations

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Supervised By :Mahesh Dadoda 08/13/2024



#2

Dichlorodifluoromethane

Concen: 46.433 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079706.D

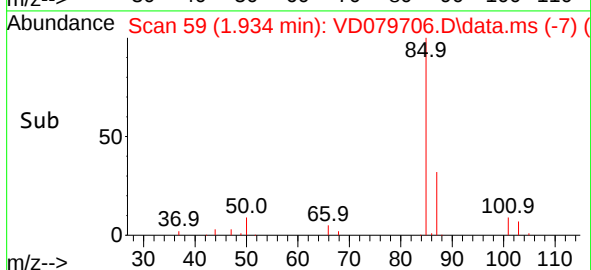
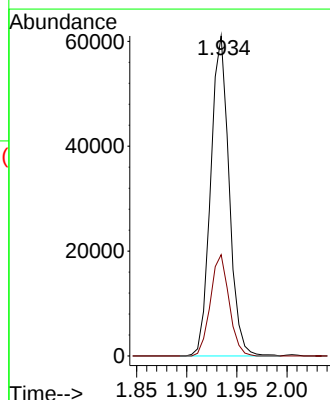
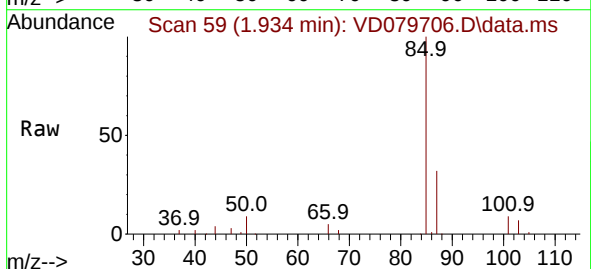
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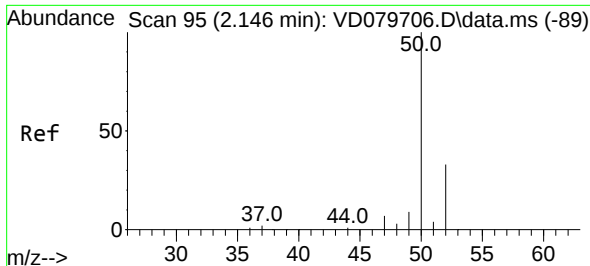
Tgt Ion: 85 Resp: 77853

Ion Ratio Lower Upper

85 100

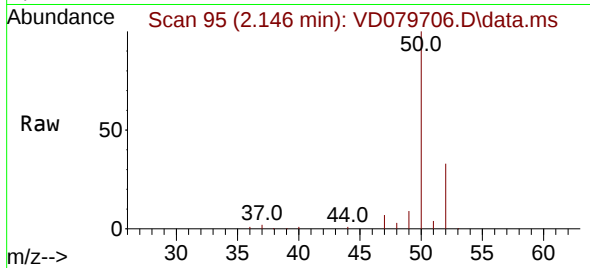
87 31.6 16.0 48.0





#3
Chloromethane
Concen: 43.737 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

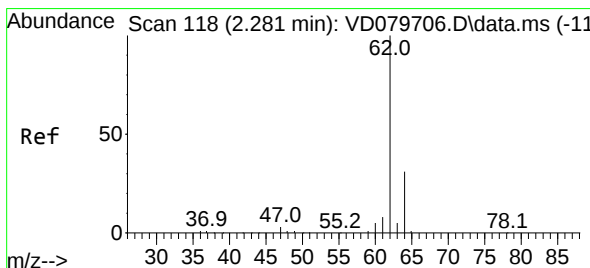
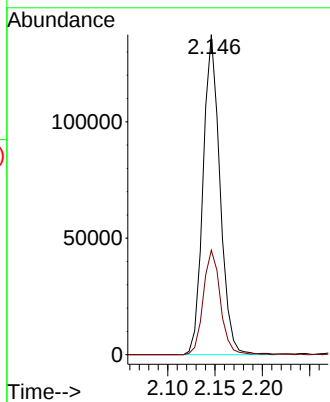
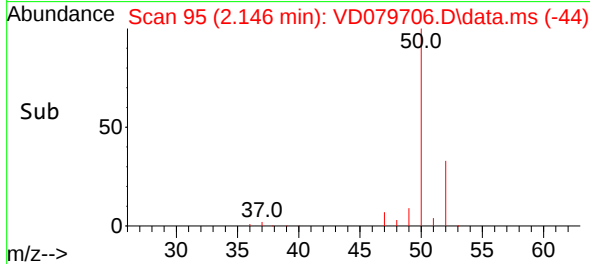
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 17084
Ion Ratio Lower Upper
50 100
52 32.6 28.2 42.2

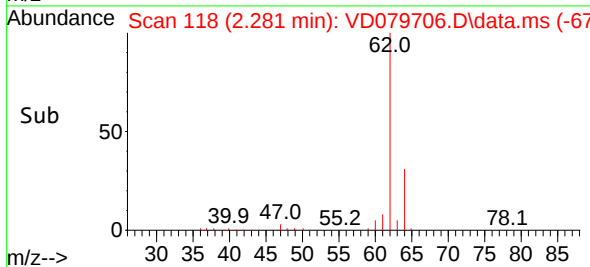
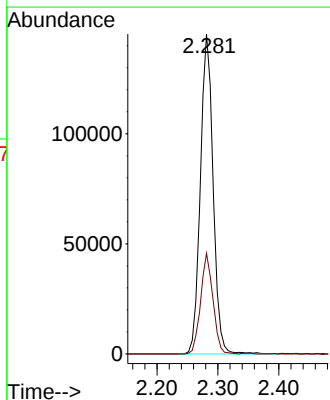
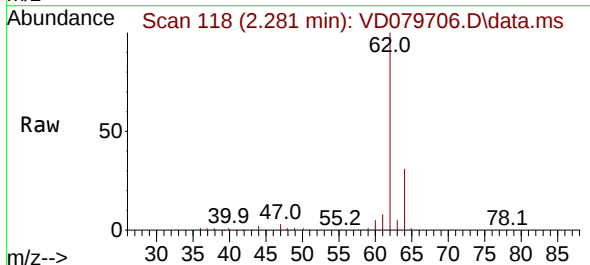
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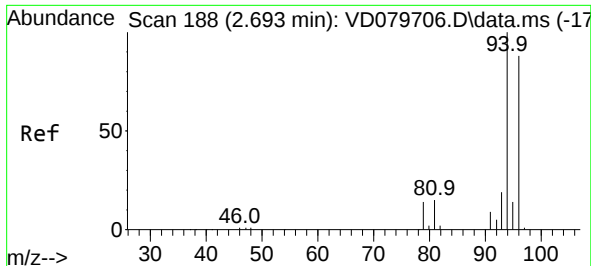
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#4
Vinyl Chloride
Concen: 45.815 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

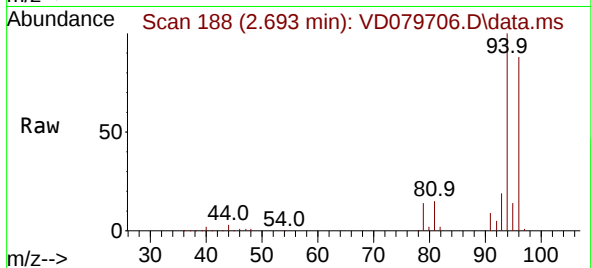
Tgt Ion: 62 Resp: 211553
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5





#5
Bromomethane
Concen: 44.841 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

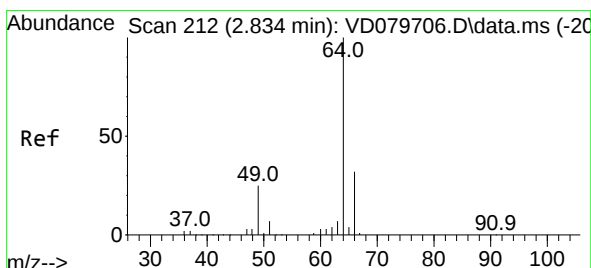
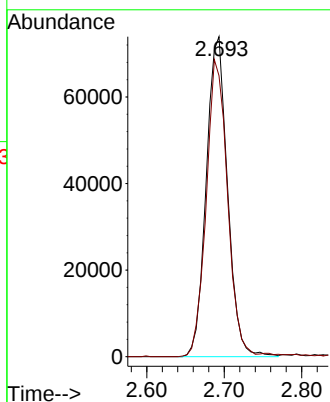
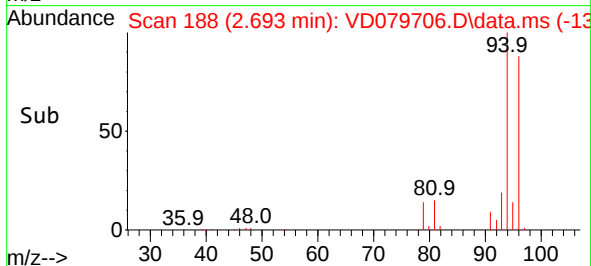
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Tgt Ion: 94 Resp: 140935
Ion Ratio Lower Upper
94 100
96 92.9 76.9 115.3

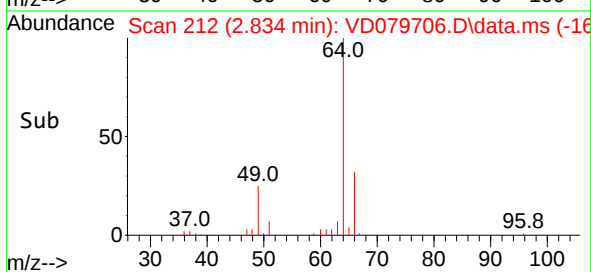
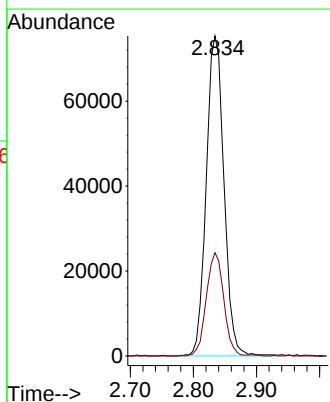
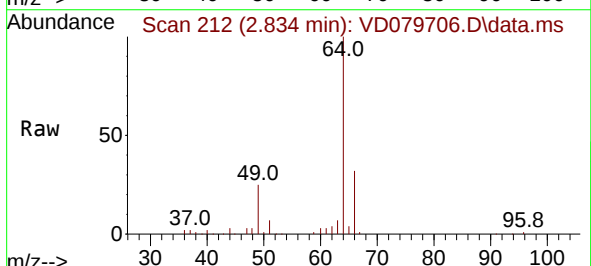
Manual Integrations
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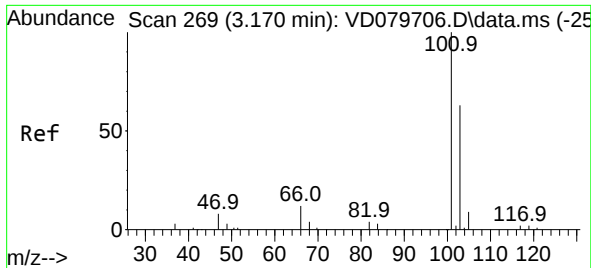
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#6
Chloroethane
Concen: 46.571 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

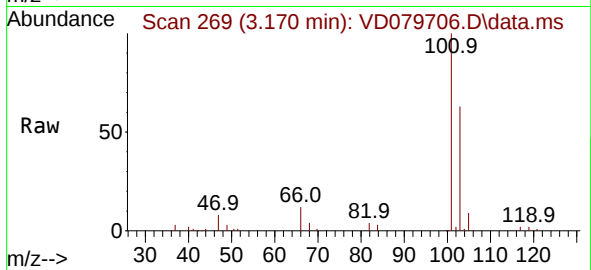
Tgt Ion: 64 Resp: 146789
Ion Ratio Lower Upper
64 100
66 32.3 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 46.200 ug/l
 RT: 3.170 min Scan# 269
 Delta R.T. -0.000 min
 Lab File: VD079706.D
 Acq: 12 Aug 2024 12:20

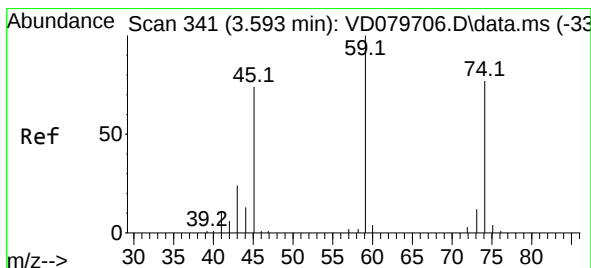
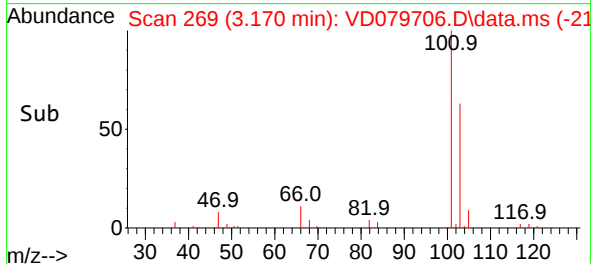
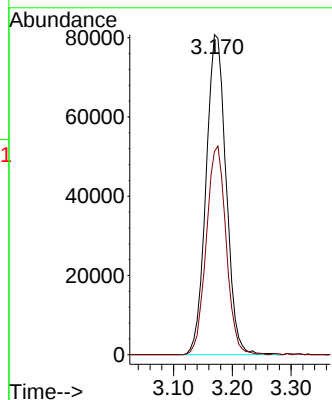
Instrument :
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Tgt Ion:101 Resp: 19079
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.2 79.8

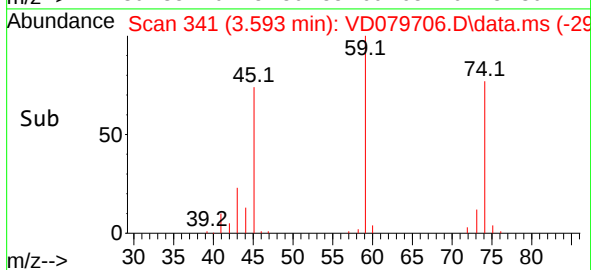
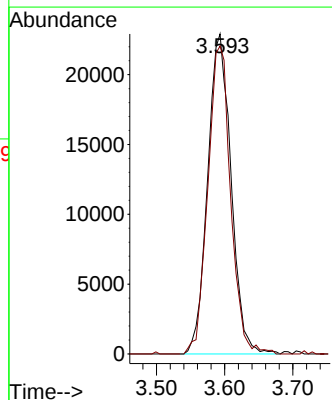
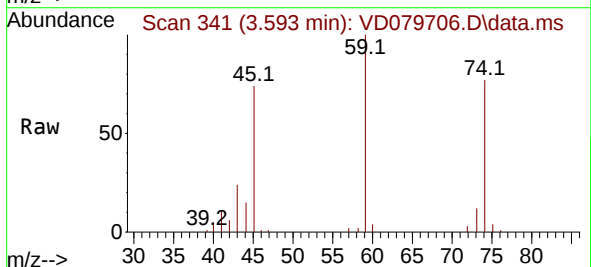
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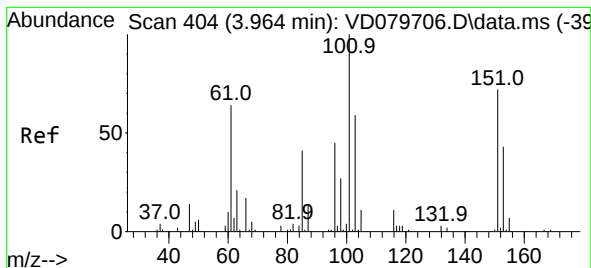
Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024



#8
 Diethyl Ether
 Concen: 42.481 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD079706.D
 Acq: 12 Aug 2024 12:20

Tgt Ion: 74 Resp: 54857
 Ion Ratio Lower Upper
 74 100
 45 93.7 37.9 113.6





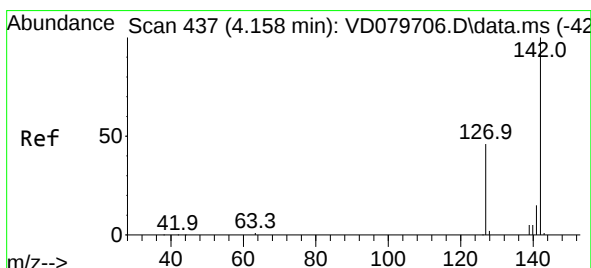
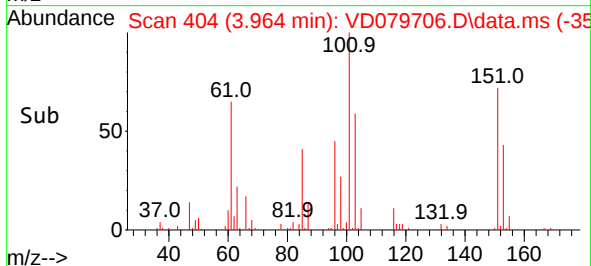
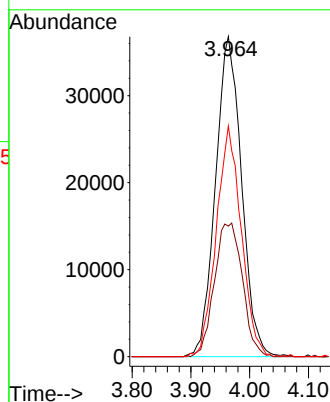
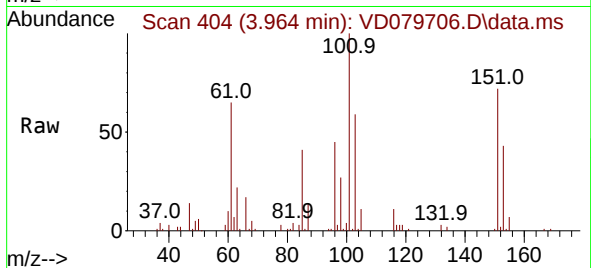
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.583 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 113248
Ion Ratio Lower Upper
101 100
85 44.9 33.5 50.3
151 69.1 60.3 90.5

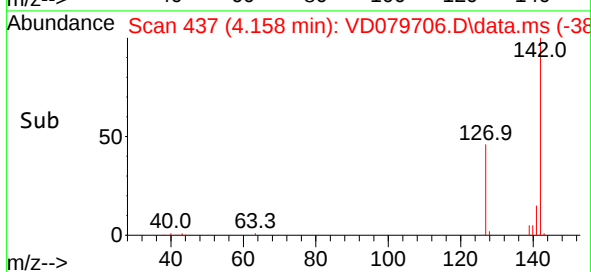
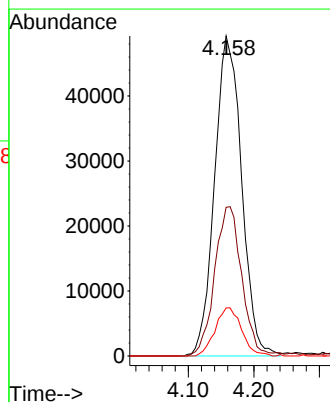
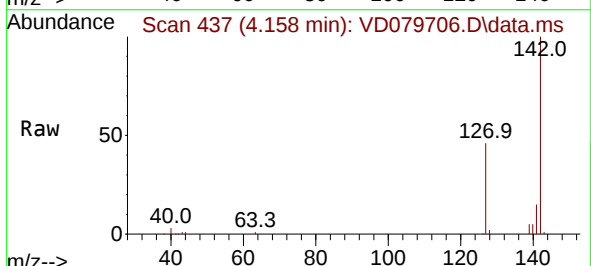
Manual Integrations
APPROVED

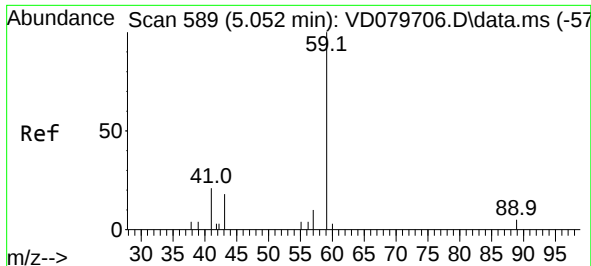
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#10
Methyl Iodide
Concen: 51.656 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:142 Resp: 140561
Ion Ratio Lower Upper
142 100
127 46.9 34.2 51.4
141 14.7 11.7 17.5





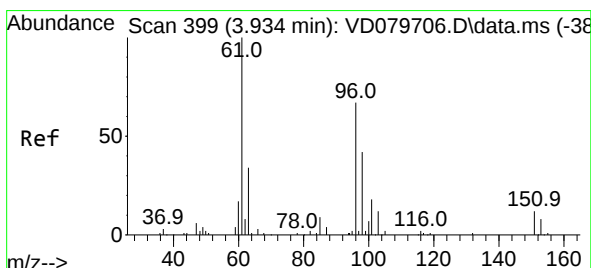
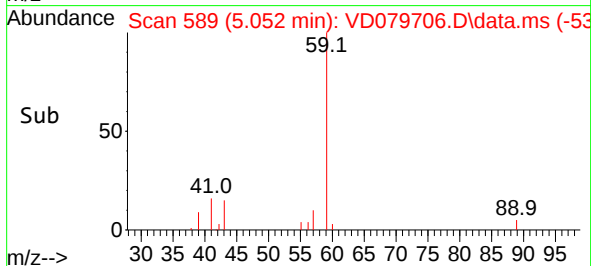
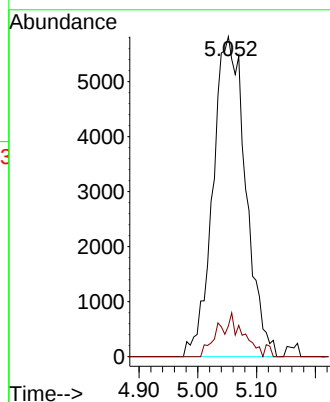
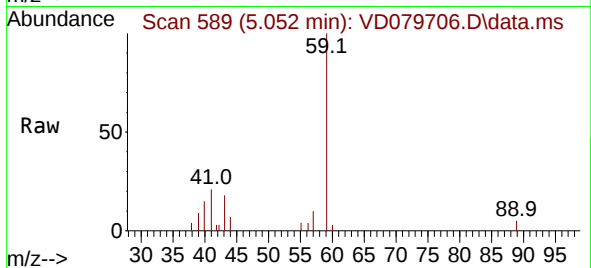
#11
Tert butyl alcohol
Concen: 196.277 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 2245
Ion Ratio Lower Upper
59 100
57 6.3 3.6 5.4

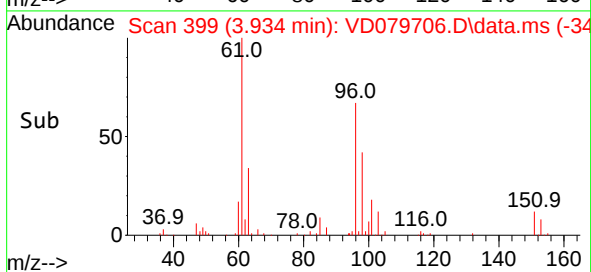
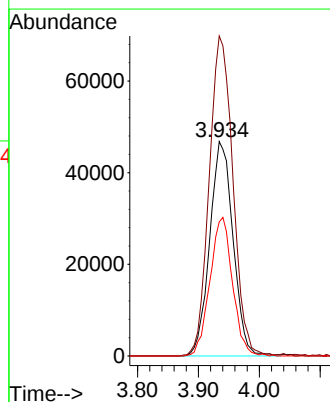
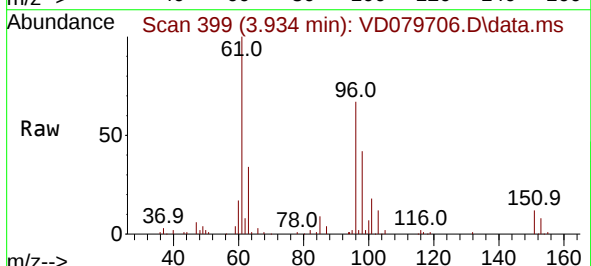
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#12
1,1-Dichloroethene
Concen: 49.081 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 96 Resp: 124767
Ion Ratio Lower Upper
96 100
61 149.2 107.3 160.9
98 62.6 51.7 77.5





#13

Acrolein

Concen: 199.227 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 53920

Ion Ratio Lower Upper

56 100

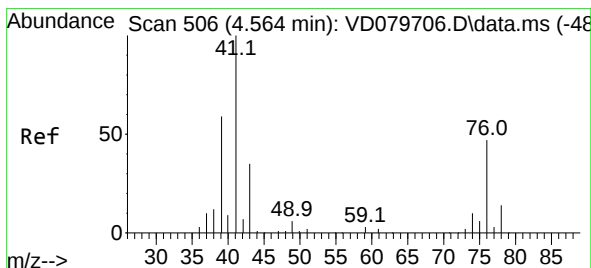
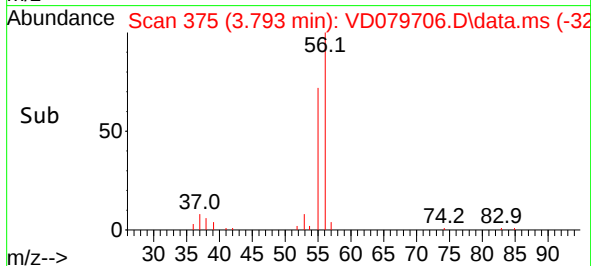
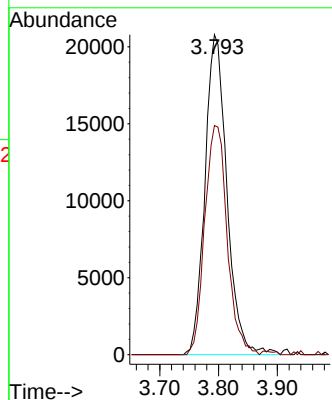
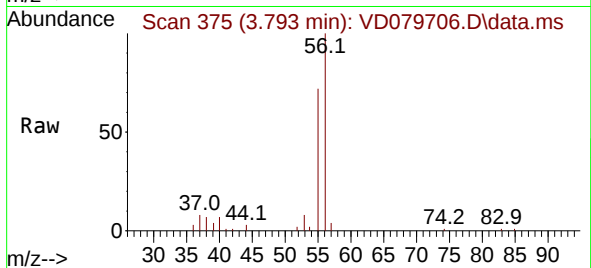
55 73.0 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#14

Allyl chloride

Concen: 48.361 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

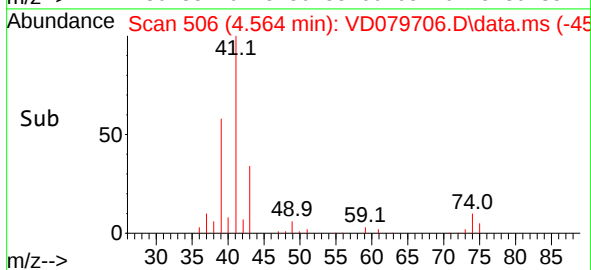
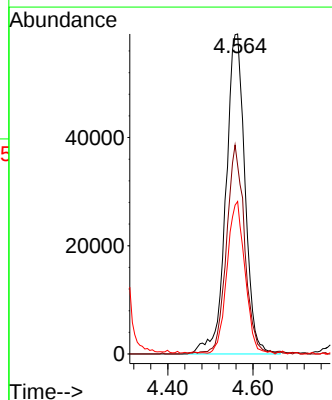
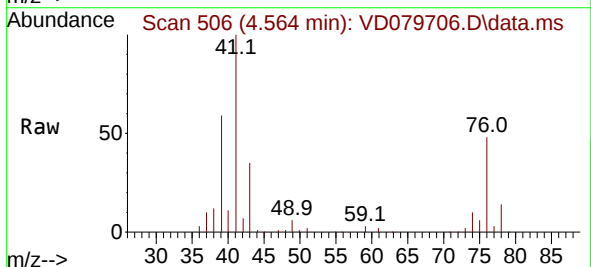
Tgt Ion: 41 Resp: 184394

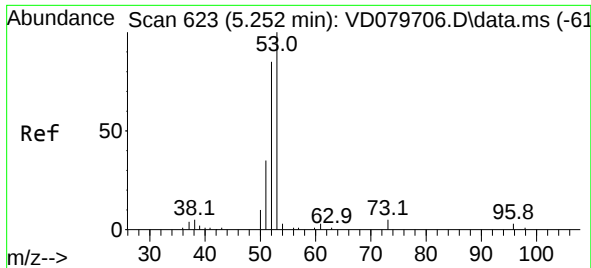
Ion Ratio Lower Upper

41 100

39 62.0 58.0 87.0

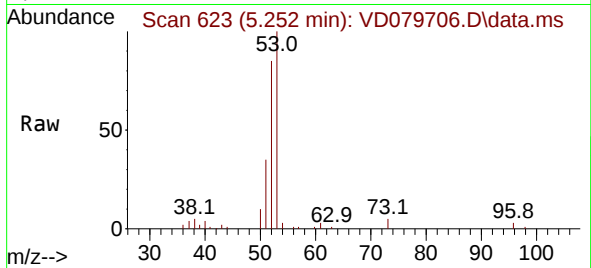
76 45.1 45.9 68.9#





#15
Acrylonitrile
Concen: 206.308 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

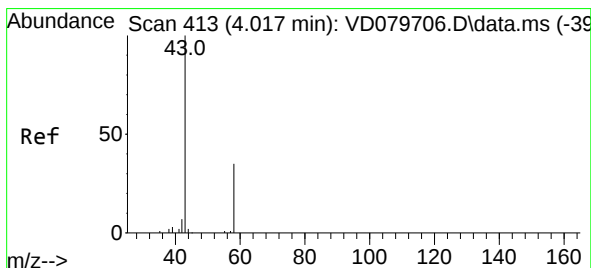
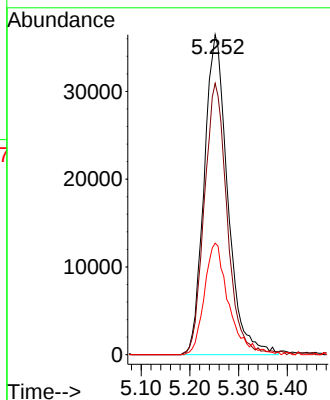
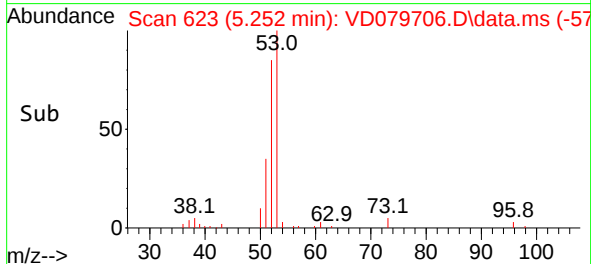
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 12264
Ion Ratio Lower Upper
53 100
52 81.8 67.7 101.5
51 36.0 28.6 42.8

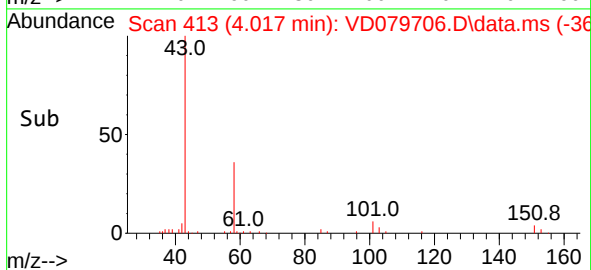
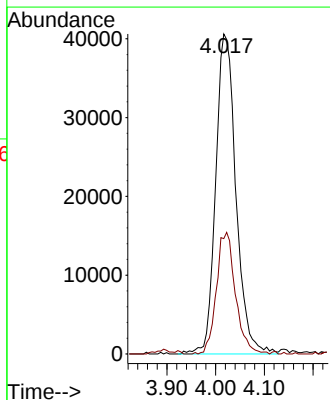
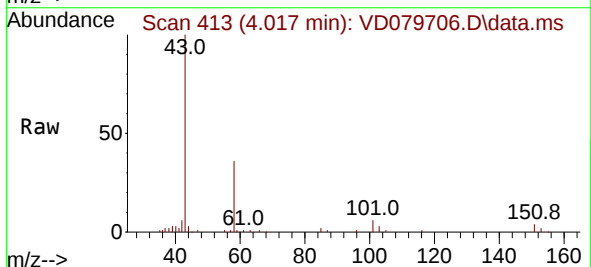
Manual Integrations
APPROVED

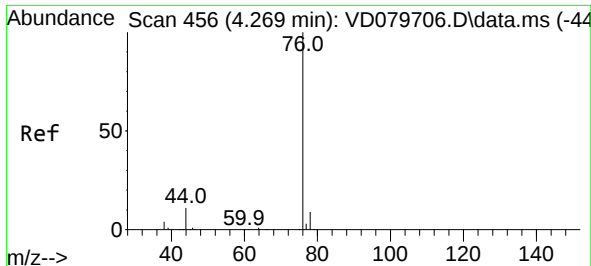
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#16
Acetone
Concen: 216.526 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

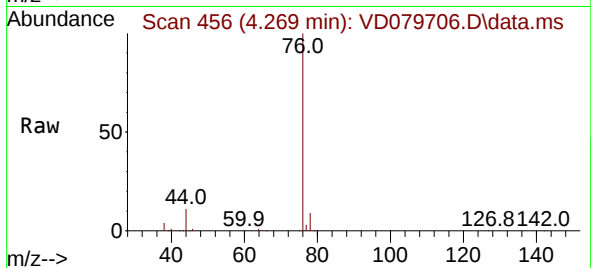
Tgt Ion: 43 Resp: 117547
Ion Ratio Lower Upper
43 100
58 36.0 30.4 45.6





#17
Carbon Disulfide
Concen: 47.948 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

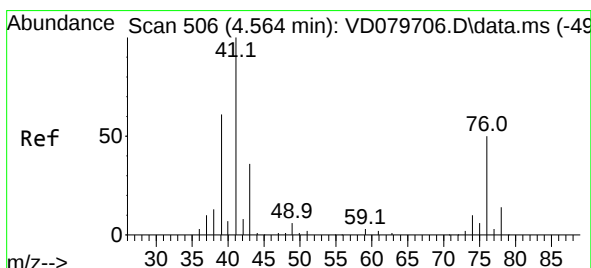
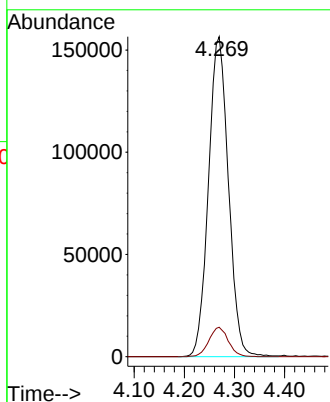
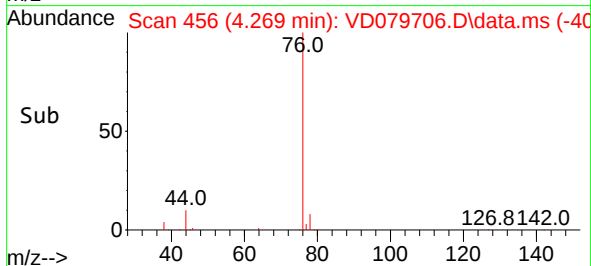
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 43207
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

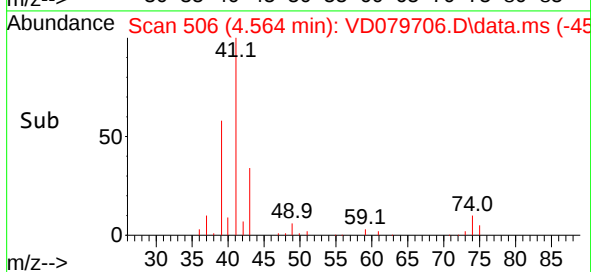
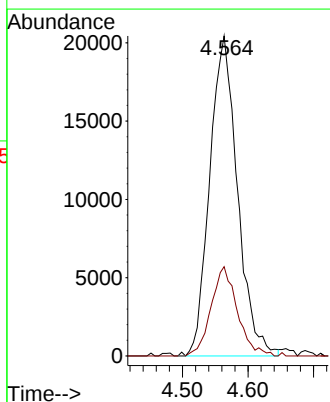
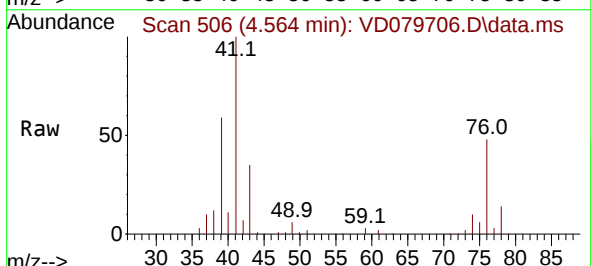
Manual Integrations
APPROVED

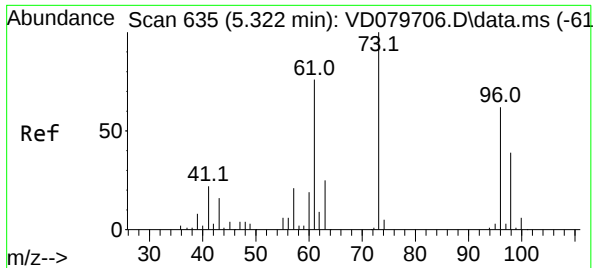
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#18
Methyl Acetate
Concen: 37.867 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

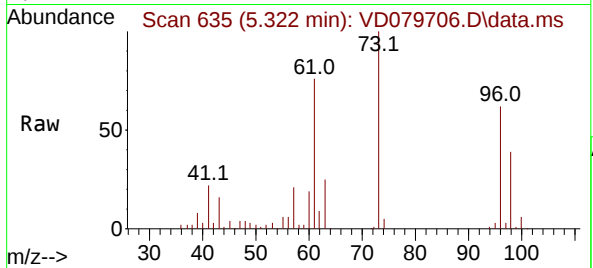
Tgt Ion: 43 Resp: 60070
Ion Ratio Lower Upper
43 100
74 26.4 28.1 42.1#





#19
Methyl tert-butyl Ether
Concen: 43.179 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

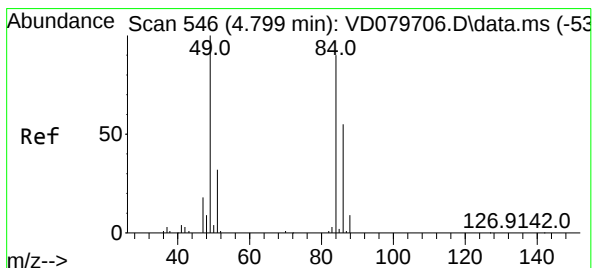
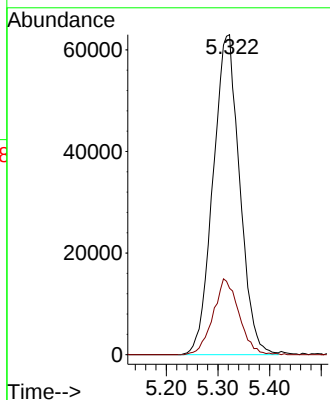
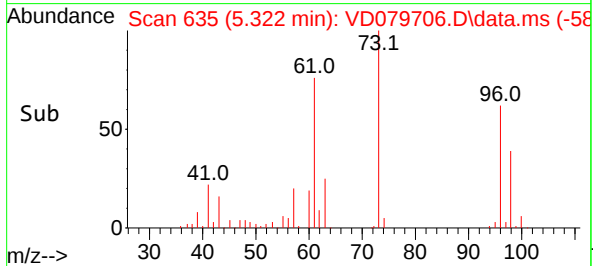
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 22538
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5

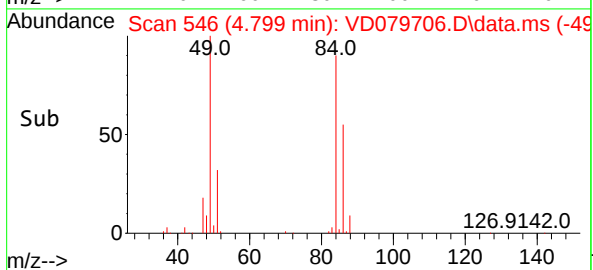
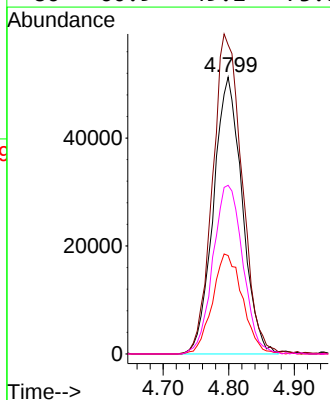
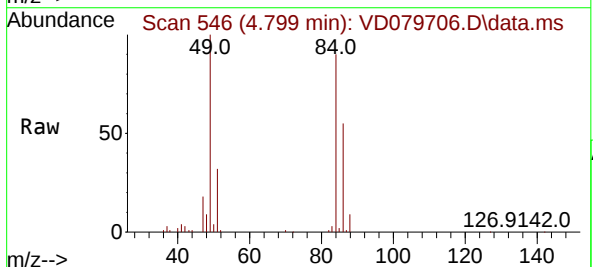
Manual Integrations
APPROVED

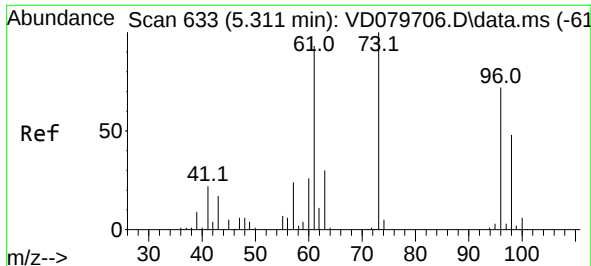
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#20
Methylene Chloride
Concen: 48.175 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

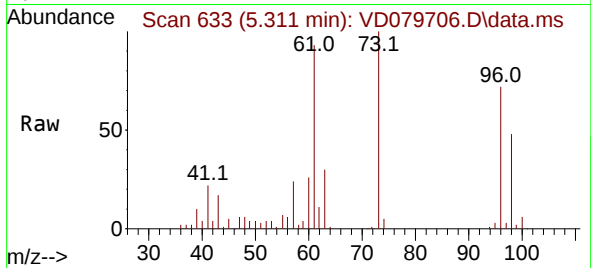
Tgt Ion: 84 Resp: 156207
Ion Ratio Lower Upper
84 100
49 111.7 75.6 113.4
51 35.5 24.2 36.2
86 60.9 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 50.288 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

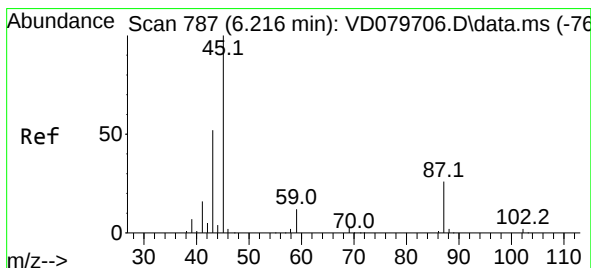
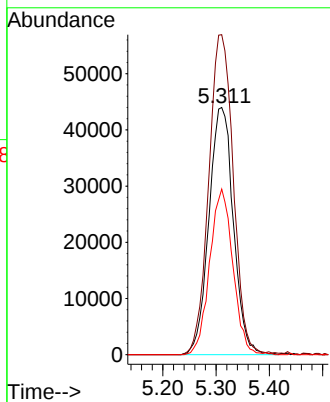
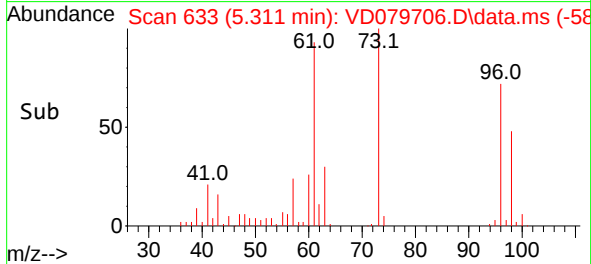
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 14035
Ion Ratio Lower Upper
96 100
61 129.4 84.5 126.7
98 67.0 50.5 75.7

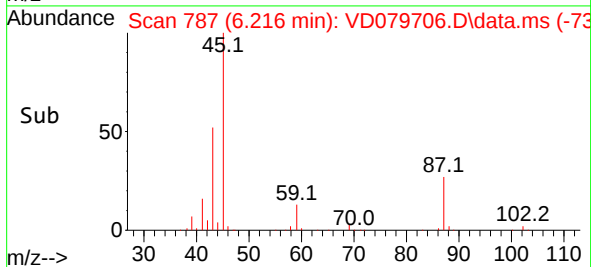
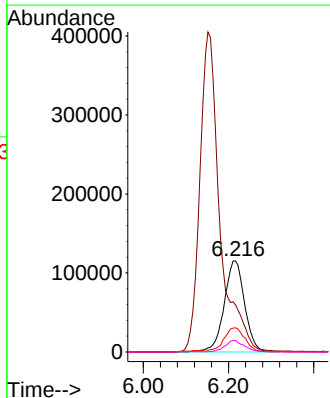
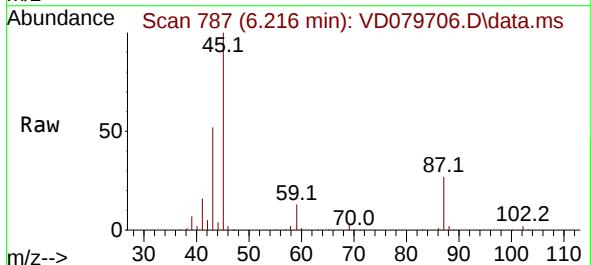
Manual Integrations
APPROVED

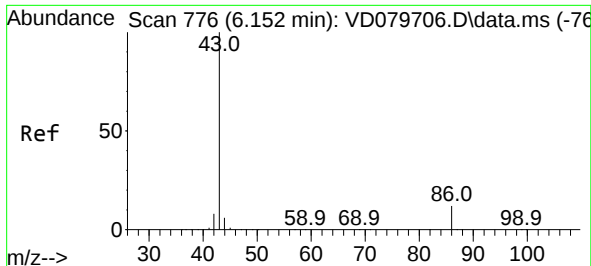
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#22
Diisopropyl ether
Concen: 48.899 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.005 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

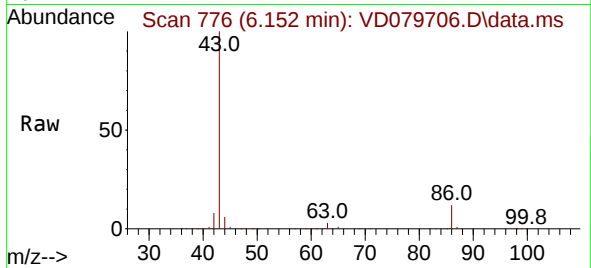
Tgt Ion: 45 Resp: 384205
Ion Ratio Lower Upper
45 100
43 51.4 41.7 62.5
87 26.5 30.2 45.2
59 12.6 11.0 16.6





#23
 Vinyl Acetate
 Concen: 229.523 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079706.D
 Acq: 12 Aug 2024 12:20

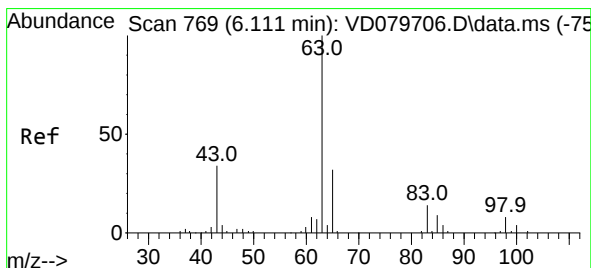
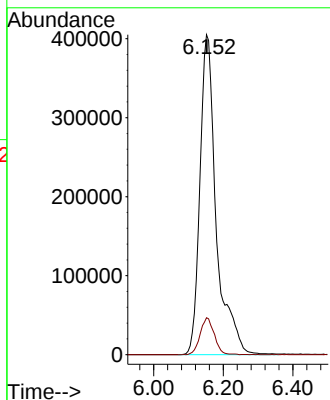
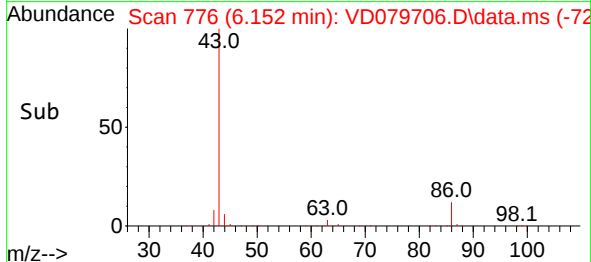
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



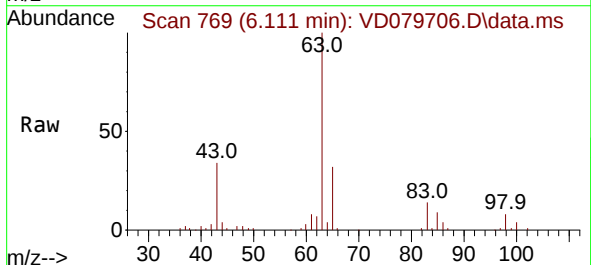
Tgt Ion: 43 Resp: 1321870
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.3 18.5

Manual Integrations
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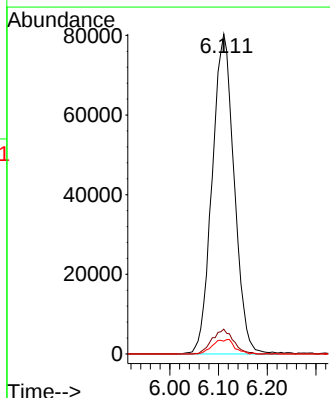
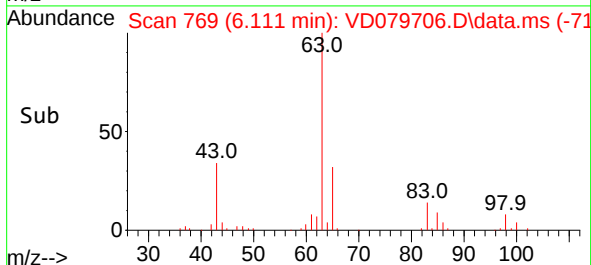
Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

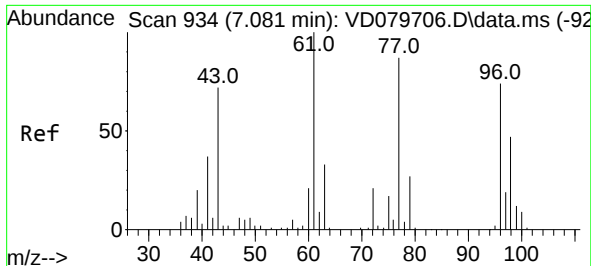


#24
 1,1-Dichloroethane
 Concen: 48.624 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079706.D
 Acq: 12 Aug 2024 12:20



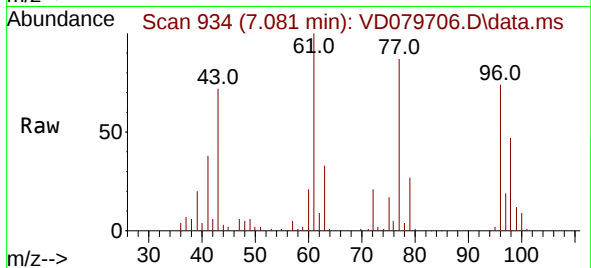
Tgt Ion: 63 Resp: 252558
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.7 14.0
 100 4.0 2.9 8.6





#25
2-Butanone
Concen: 206.465 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

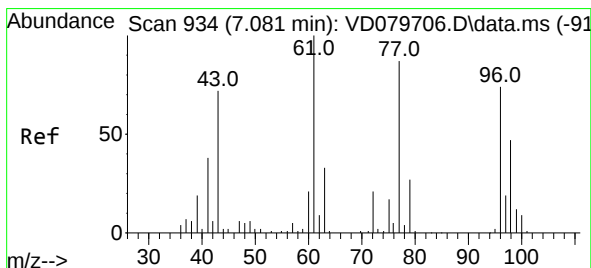
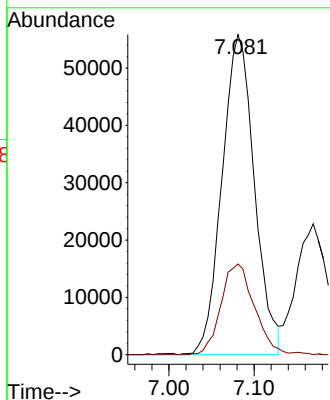
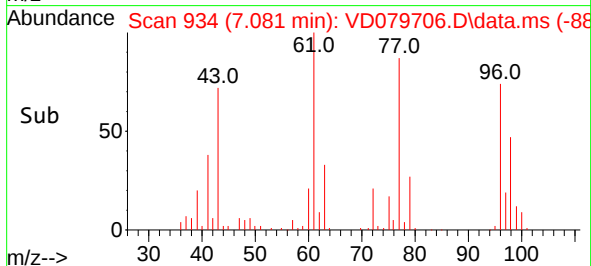
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 14779
Ion Ratio Lower Upper
43 100
72 28.4 26.4 39.6

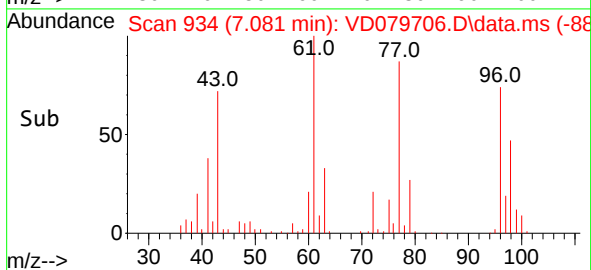
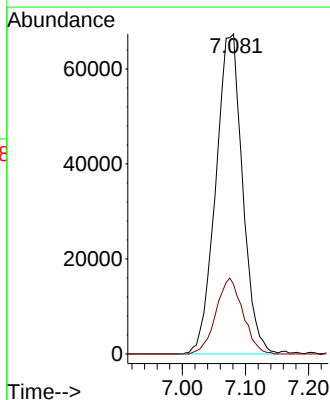
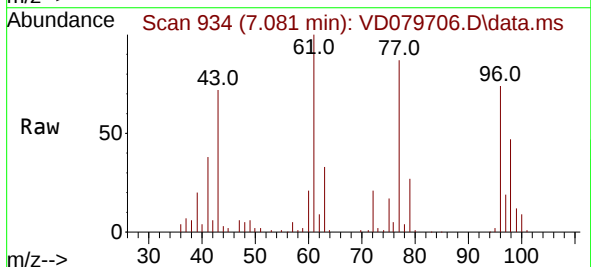
Manual Integrations
APPROVED

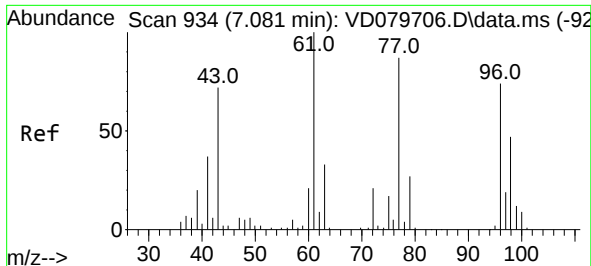
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#26
2,2-Dichloropropane
Concen: 48.489 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

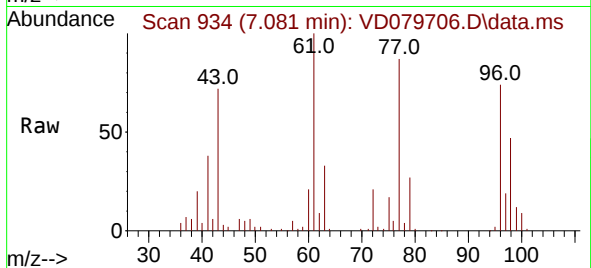
Tgt Ion: 77 Resp: 198902
Ion Ratio Lower Upper
77 100
97 23.8 12.4 37.2





#27
cis-1,2-Dichloroethene
Concen: 48.004 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

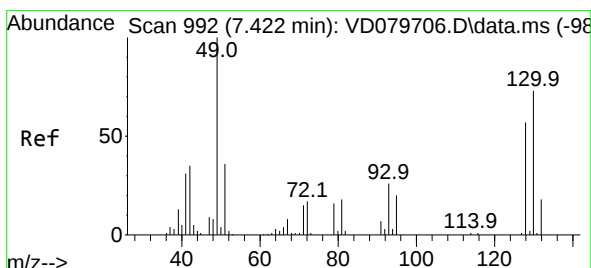
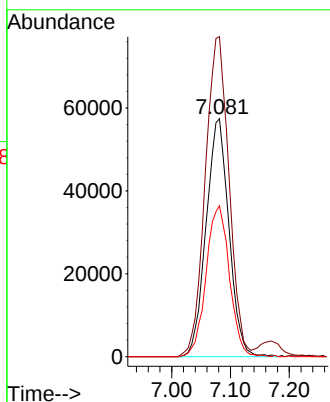
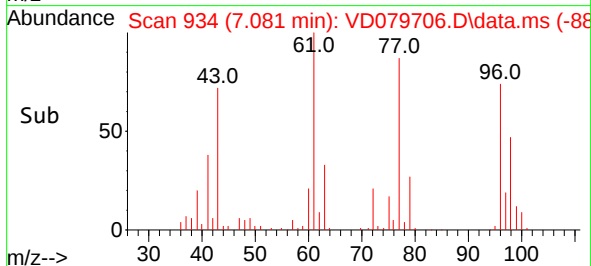
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 155400
Ion Ratio Lower Upper
96 100
61 139.4 0.0 229.0
98 64.6 0.0 127.2

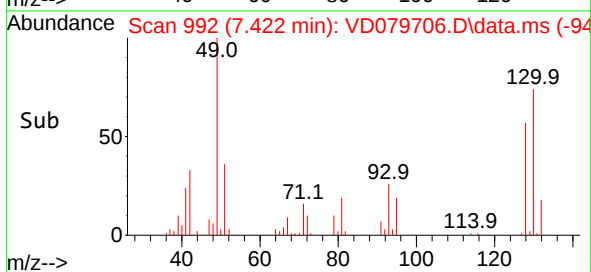
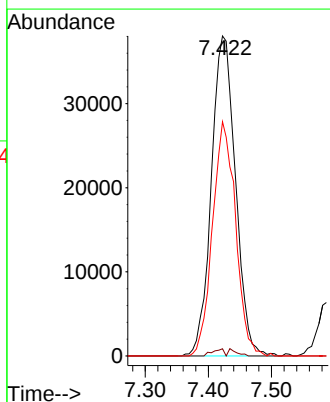
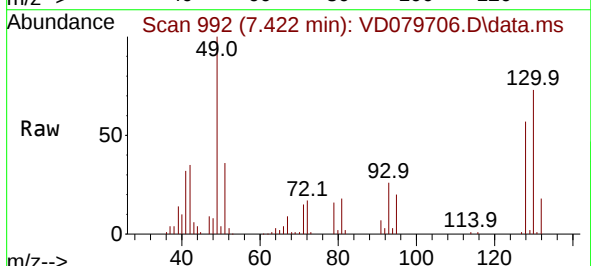
Manual Integrations
APPROVED

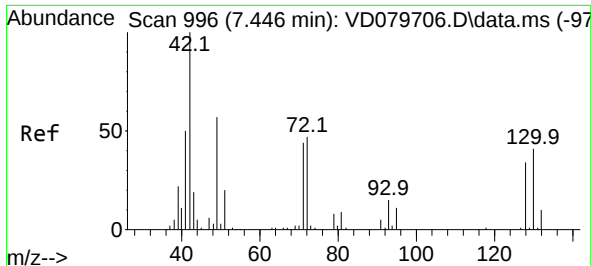
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#28
Bromochloromethane
Concen: 45.729 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 49 Resp: 101042
Ion Ratio Lower Upper
49 100
129 1.0 0.0 7.0
130 70.0 87.7 131.5#





#29

Tetrahydrofuran

Concen: 193.237 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

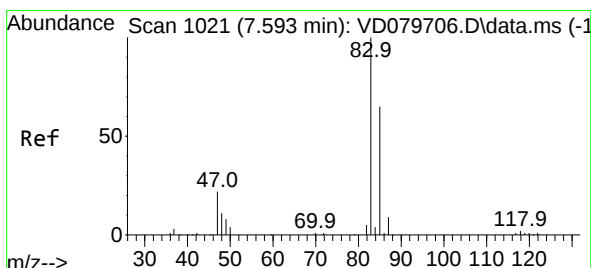
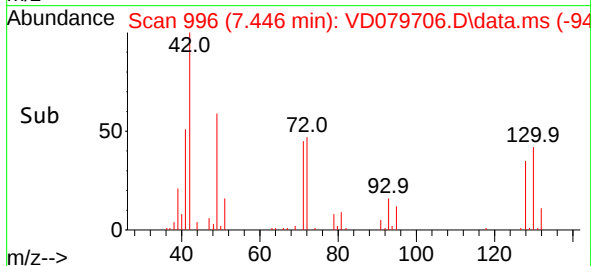
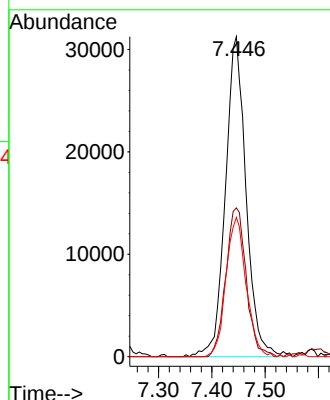
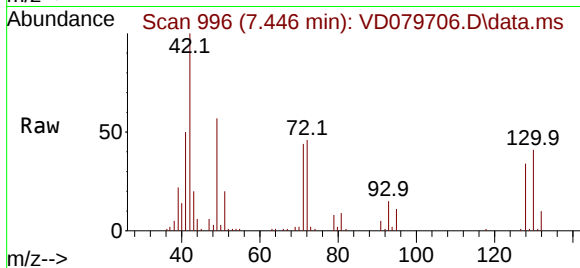
VSTDICCC050

Tgt Ion:	42	Resp:	8409
Ion Ratio	Lower	Upper	
42	100		
72	46.0	49.4	74.0
71	42.6	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#30

Chloroform

Concen: 47.278 ug/l

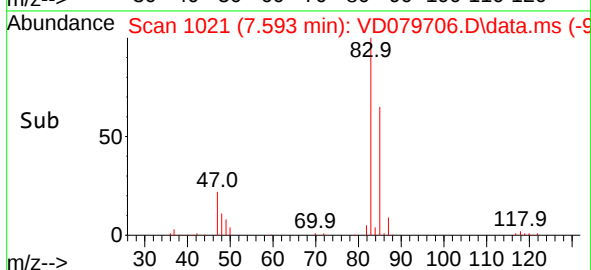
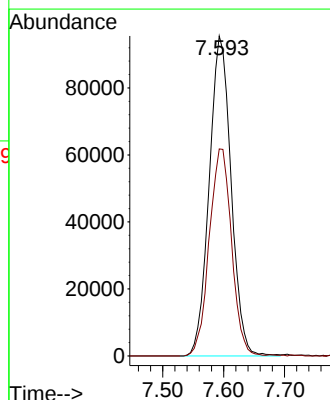
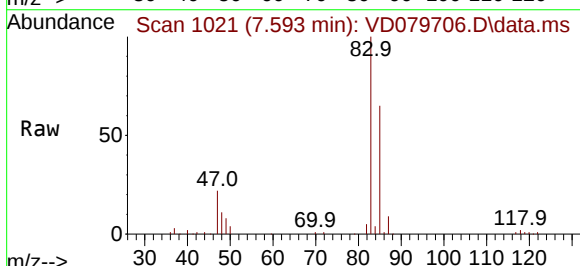
RT: 7.593 min Scan# 1021

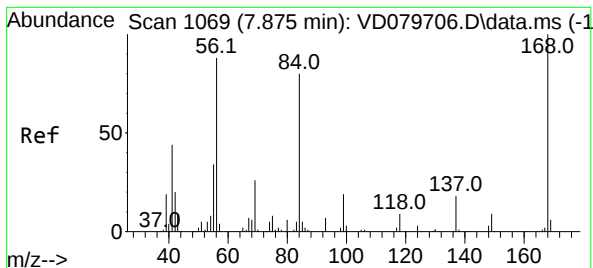
Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion:	83	Resp:	238461
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6





#31

Cyclohexane

Concen: 46.765 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 19889

Ion Ratio Lower Upper

56 100

69 29.9 28.0 42.0

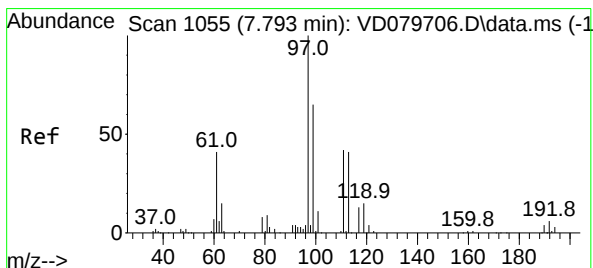
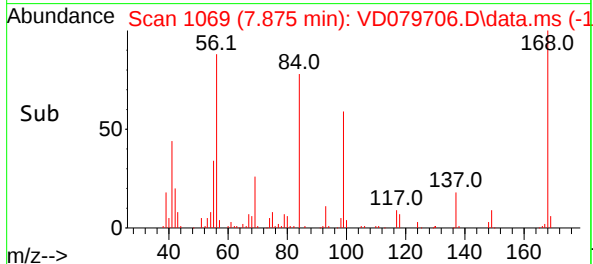
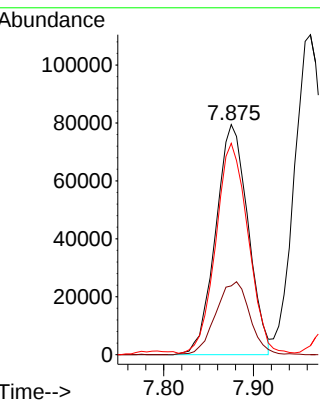
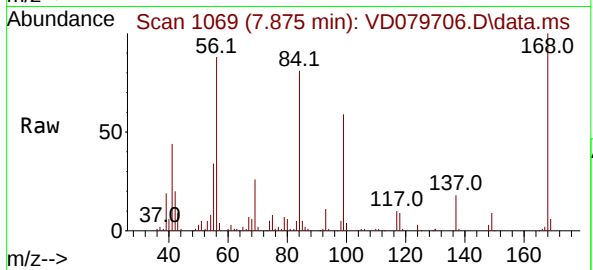
84 90.3 87.4 131.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#32

1,1,1-Trichloroethane

Concen: 49.061 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

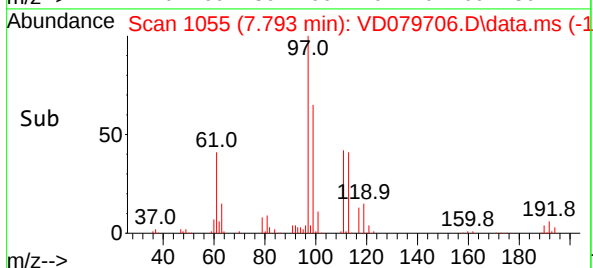
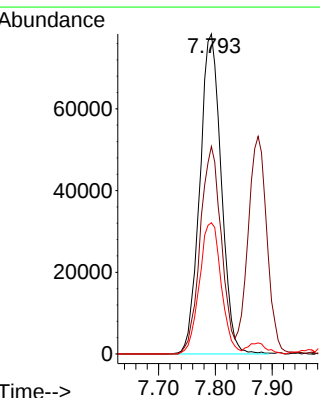
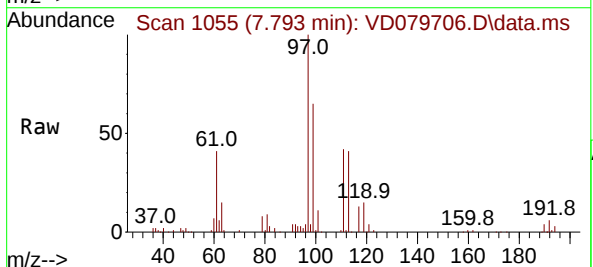
Tgt Ion: 97 Resp: 204725

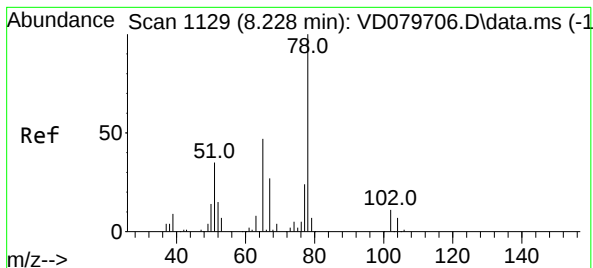
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 41.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 41.039 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 9548

Ion Ratio Lower Upper

65 100

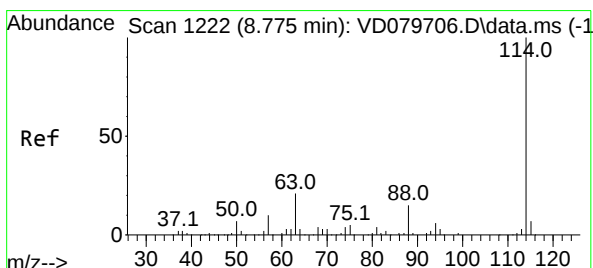
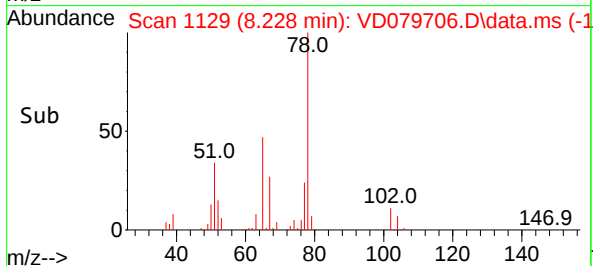
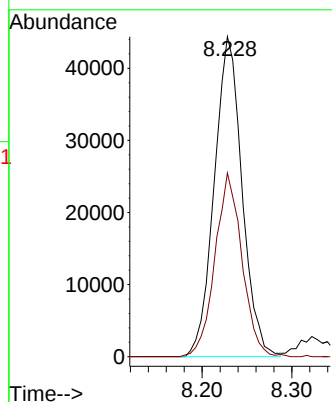
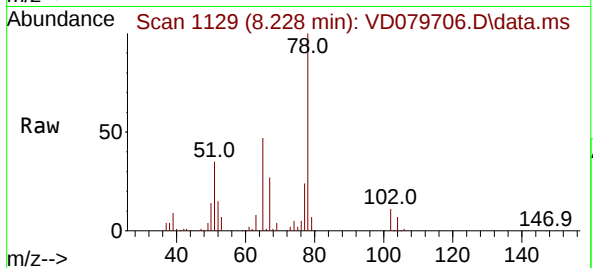
67 55.6 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

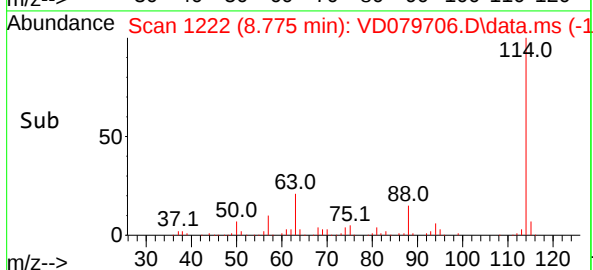
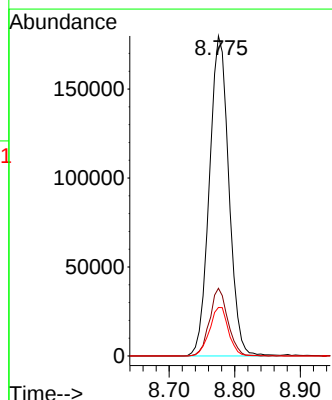
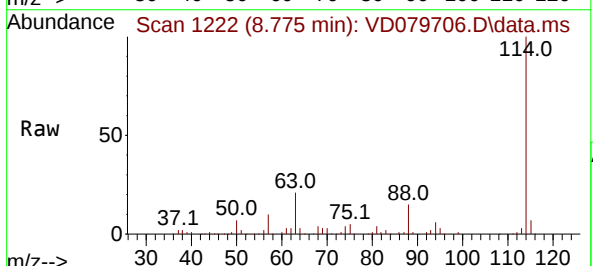
Tgt Ion:114 Resp: 370726

Ion Ratio Lower Upper

114 100

63 21.2 0.0 34.0

88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 43.441 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

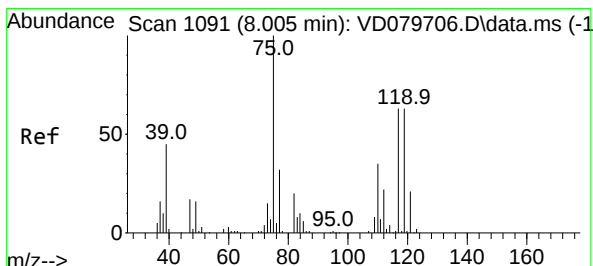
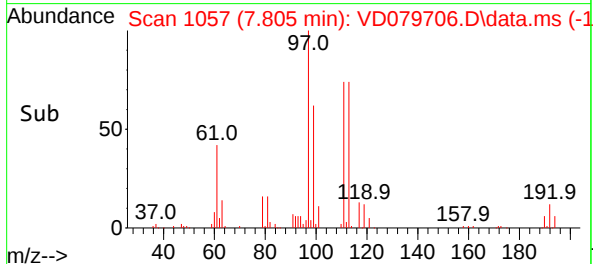
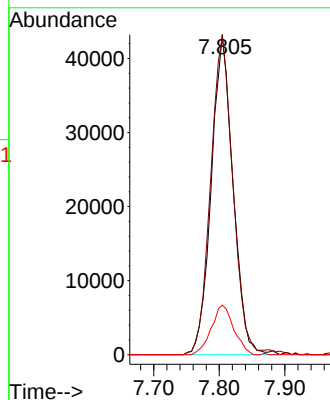
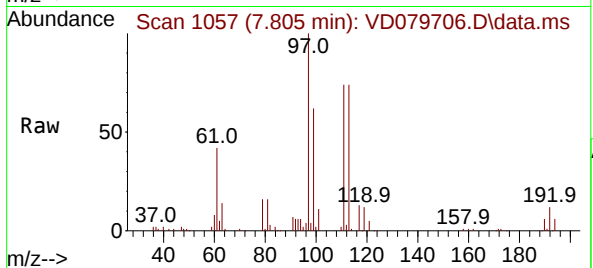
VSTDICCC050

Tgt Ion:	113	Resp:	9928
Ion	Ratio	Lower	Upper
113	100		
111	102.1	84.0	126.0
192	16.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#36

1,1-Dichloropropene

Concen: 50.782 ug/l

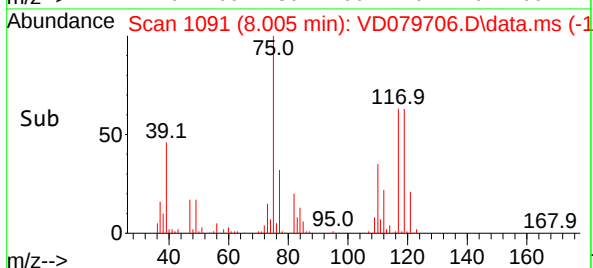
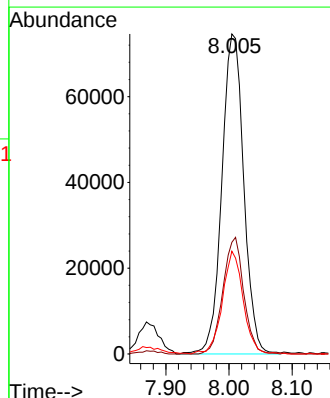
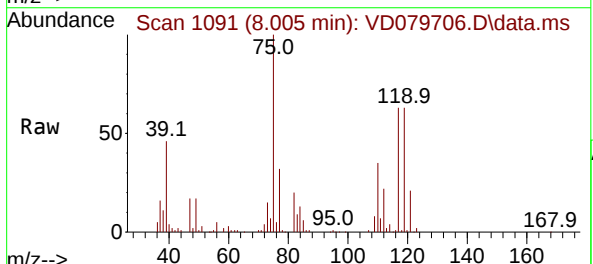
RT: 8.005 min Scan# 1091

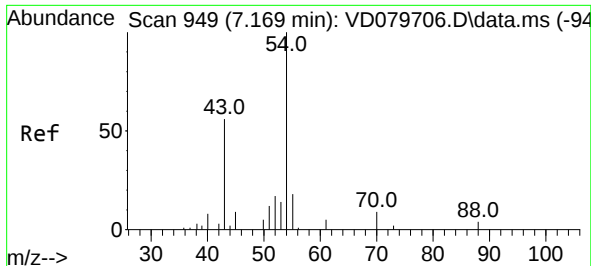
Delta R.T. -0.005 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion:	75	Resp:	179904
Ion	Ratio	Lower	Upper
75	100		
110	34.7	19.6	58.7
77	30.4	26.1	39.1





#37

Ethyl Acetate

Concen: 38.259 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

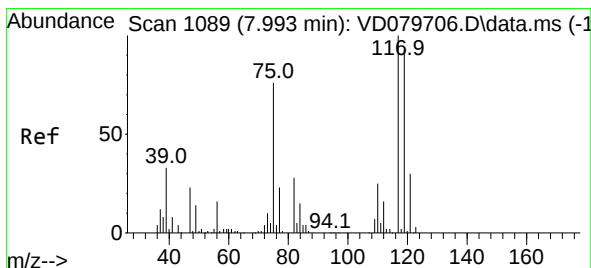
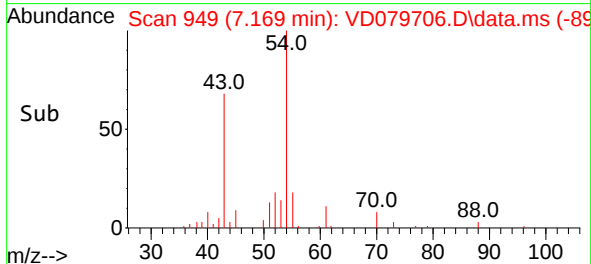
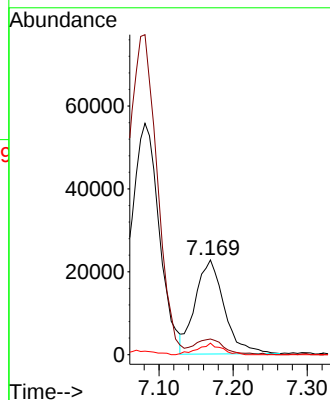
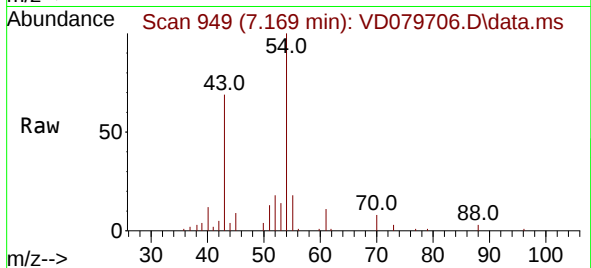
Tgt Ion: 43 Resp: 61339

Ion	Ratio	Lower	Upper
43	100		
61	16.5	13.9	20.9
70	9.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#38

Carbon Tetrachloride

Concen: 49.636 ug/l

RT: 7.993 min Scan# 1089

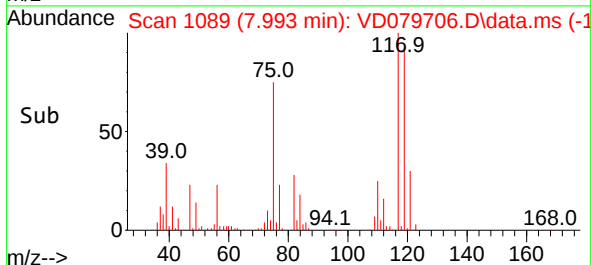
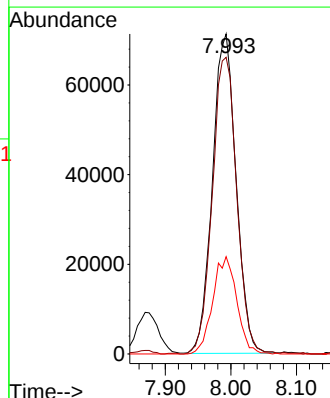
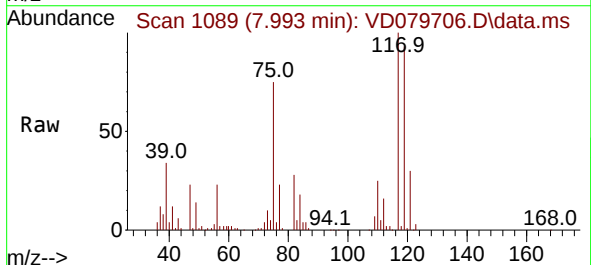
Delta R.T. 0.006 min

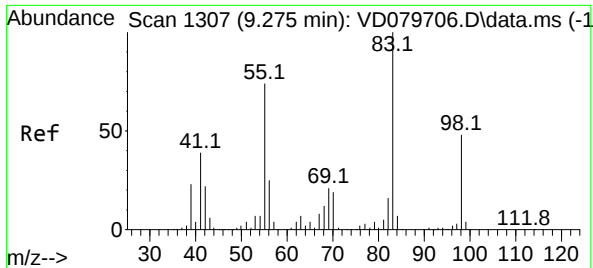
Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion:117 Resp: 178490

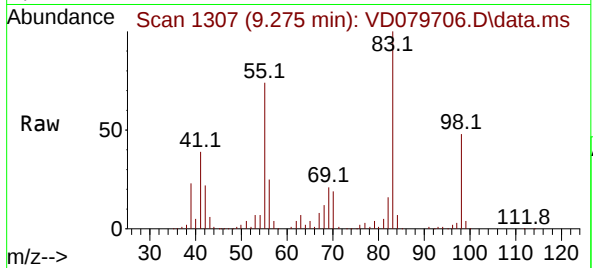
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.4	113.0
121	30.5	25.0	37.4





#39
Methylcyclohexane
Concen: 50.190 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

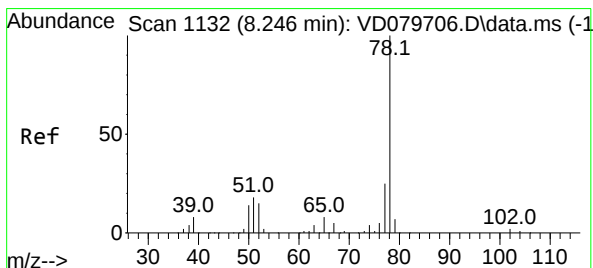
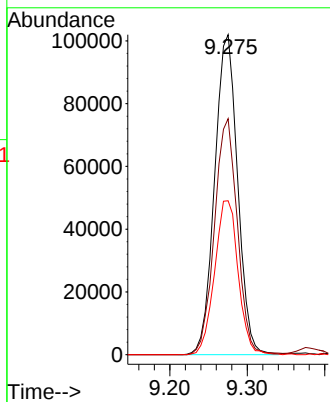
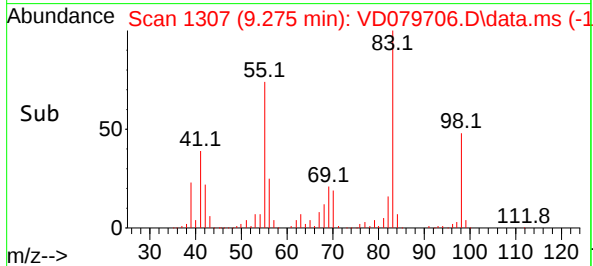
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 210159
Ion Ratio Lower Upper
83 100
55 73.7 50.1 75.1
98 48.1 41.9 62.9

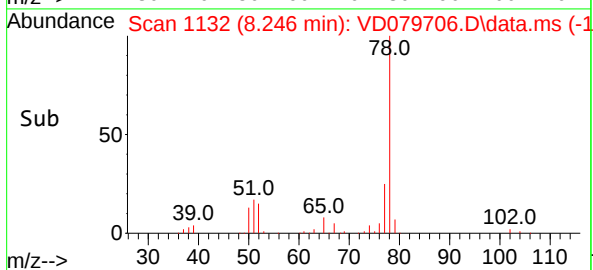
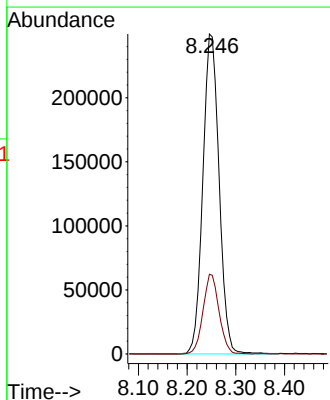
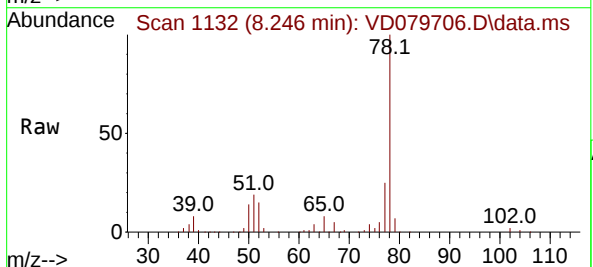
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#40
Benzene
Concen: 50.095 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

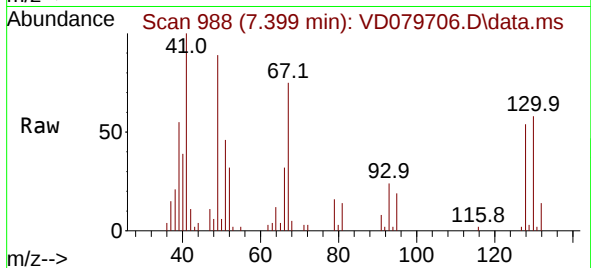
Tgt Ion: 78 Resp: 577194
Ion Ratio Lower Upper
78 100
77 24.9 18.1 27.1





#41
Methacrylonitrile
Concen: 43.077 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.017 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

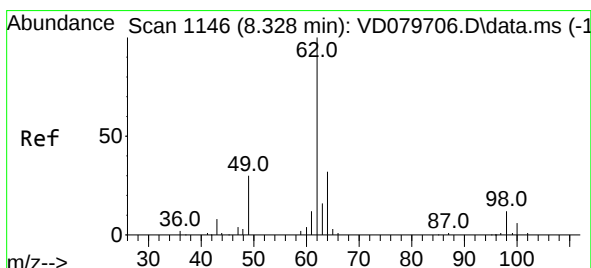
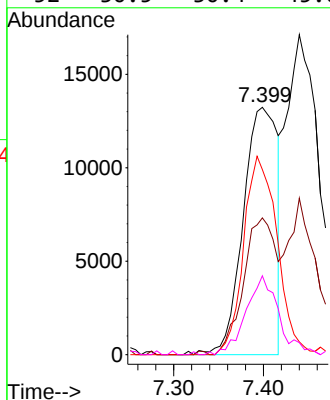
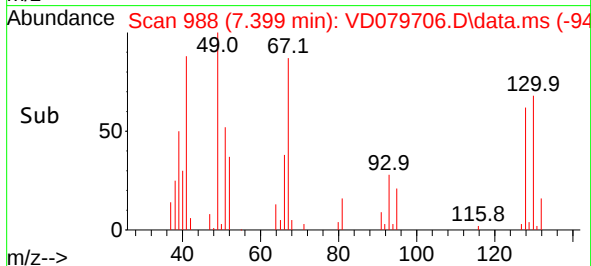
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:	41	Resp:	3501
Ion Ratio	100	Lower	Upper
39	51.9	41.4	62.0
67	78.7	85.8	128.6
52	30.5	30.4	45.6

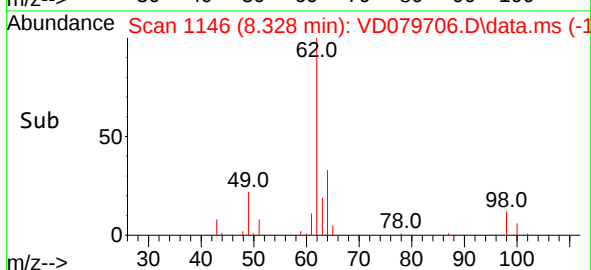
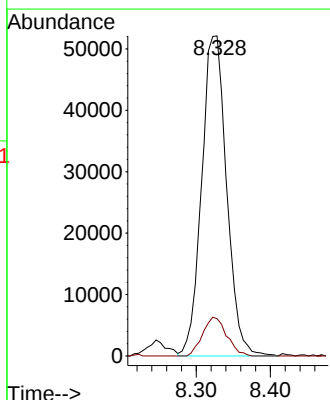
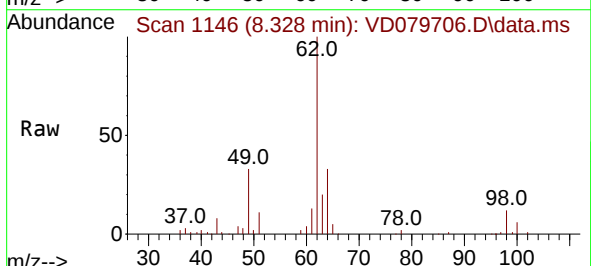
Manual Integrations
APPROVED

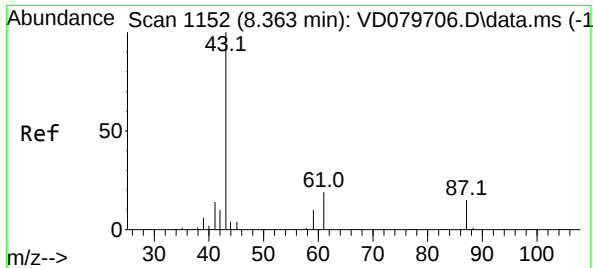
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#42
1,2-Dichloroethane
Concen: 45.854 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:	62	Resp:	122122
Ion Ratio	100	Lower	Upper
98	11.6	0.0	25.8





#43

Isopropyl Acetate

Concen: 41.793 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

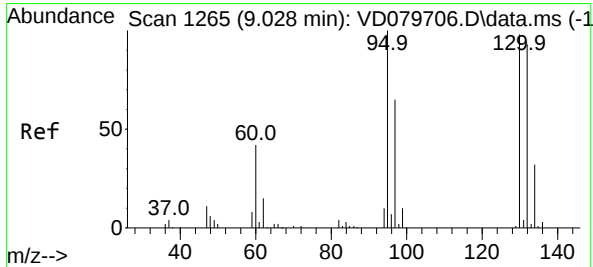
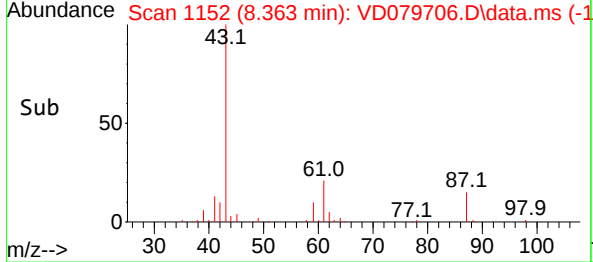
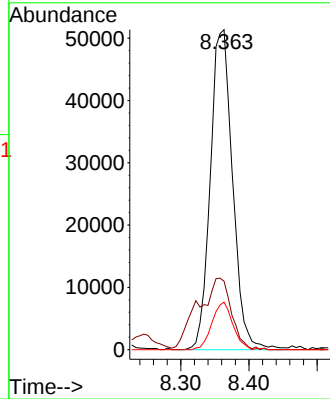
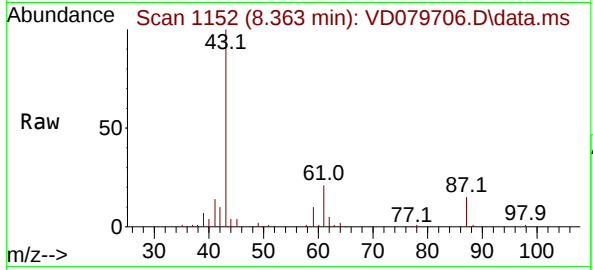
Tgt Ion: 43 Resp: 116850

Ion	Ratio	Lower	Upper
43	100		
61	19.8	29.3	43.9
87	13.9	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#44

Trichloroethene

Concen: 50.250 ug/l

RT: 9.028 min Scan# 1265

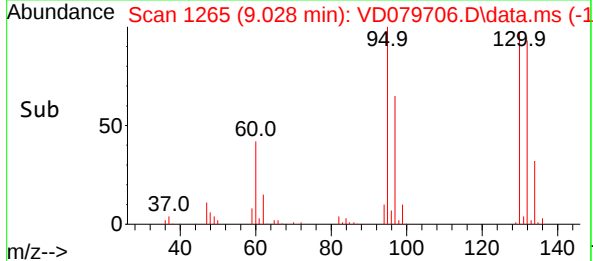
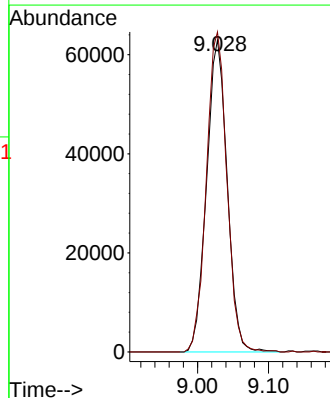
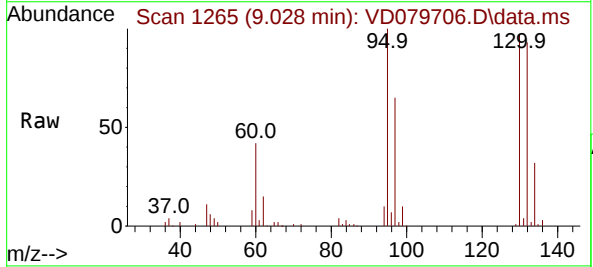
Delta R.T. 0.000 min

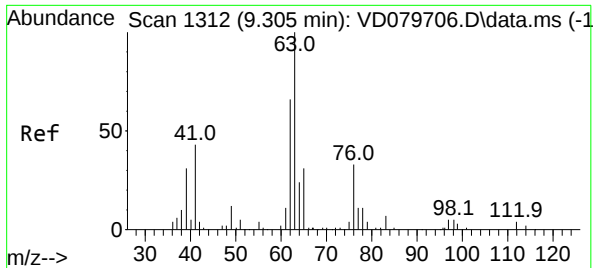
Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion:130 Resp: 127163

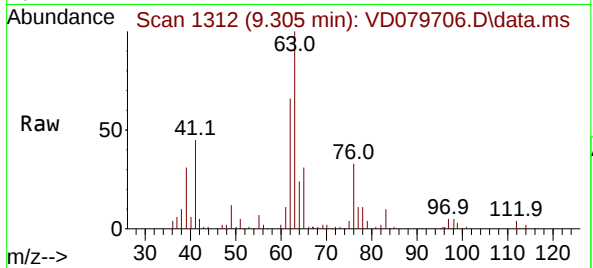
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	177.8





#45
1,2-Dichloropropane
Concen: 48.375 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

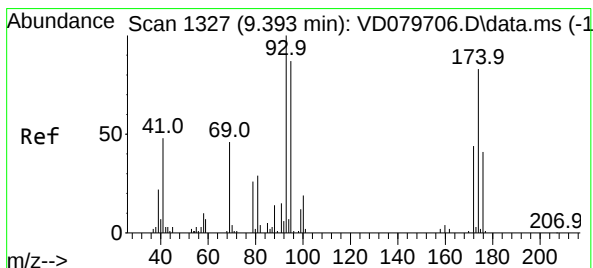
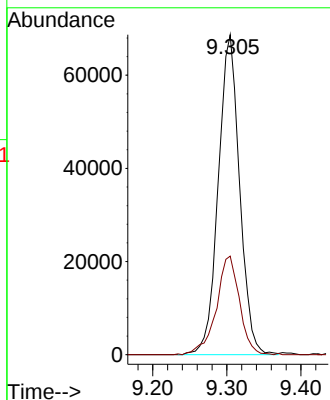
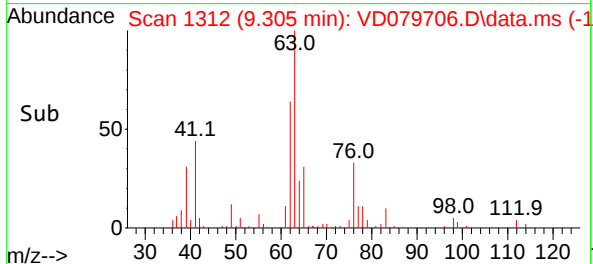
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 63 Resp: 137192
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.8

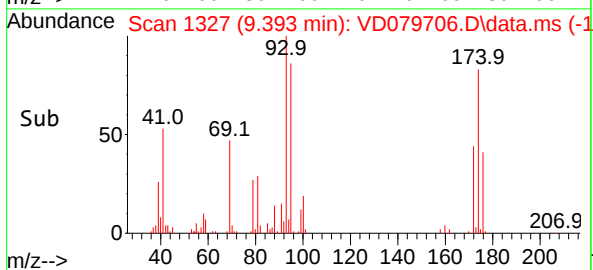
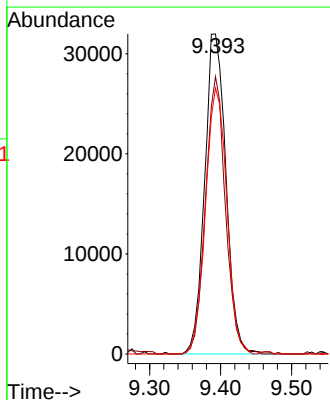
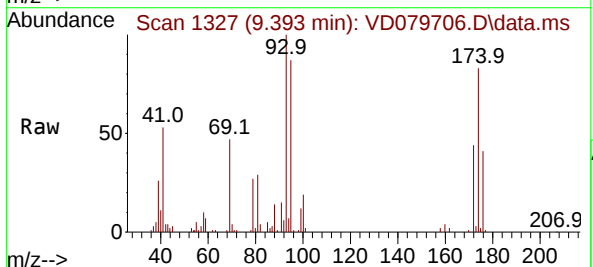
Manual Integrations
APPROVED

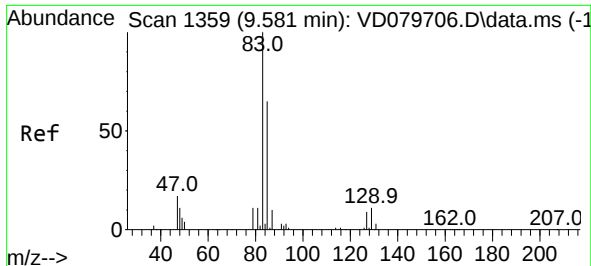
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#46
Dibromomethane
Concen: 46.387 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

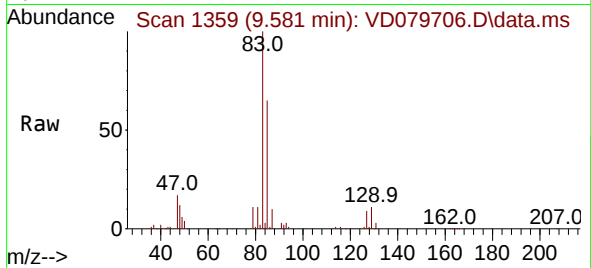
Tgt Ion: 93 Resp: 66602
Ion Ratio Lower Upper
93 100
95 81.4 65.6 98.4
174 82.9 82.3 123.5





#47
Bromodichloromethane
Concen: 47.258 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

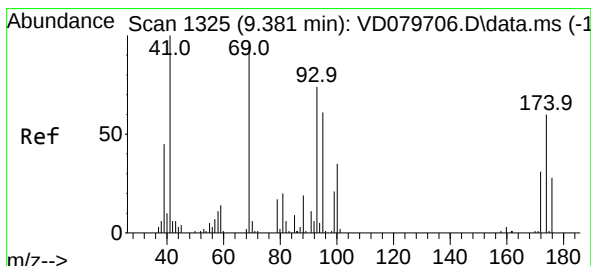
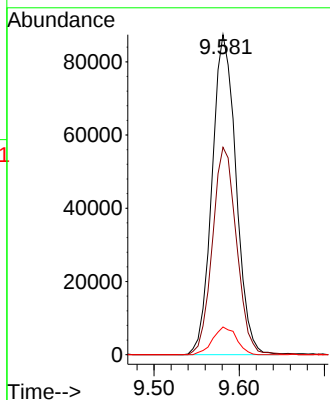
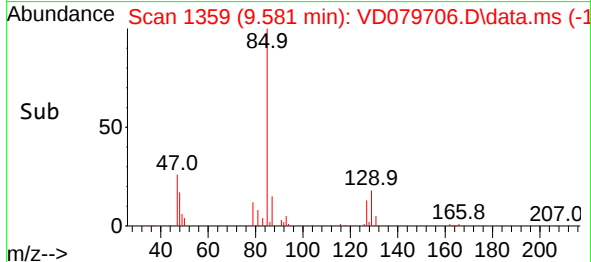
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 17104
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.6 6.8 10.2

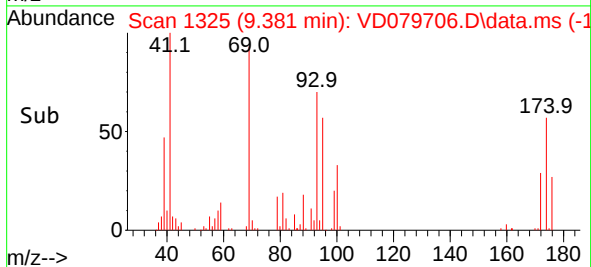
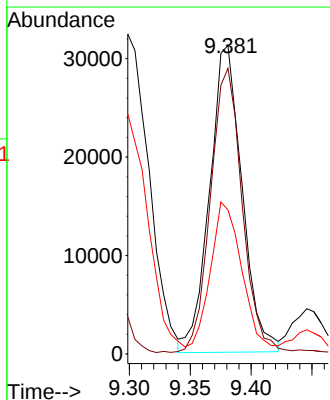
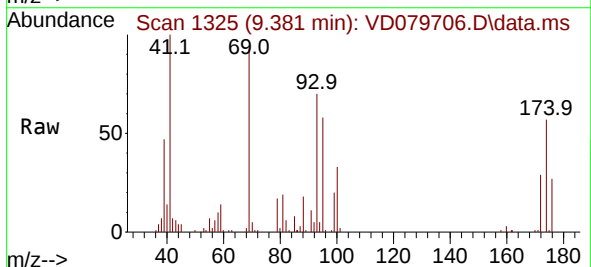
Manual Integrations
APPROVED

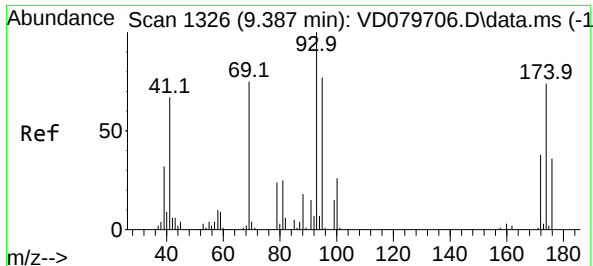
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#48
Methyl methacrylate
Concen: 44.981 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 41 Resp: 57850
Ion Ratio Lower Upper
41 100
69 92.7 96.7 145.1#
39 48.7 43.8 65.6





#49

1,4-Dioxane

Concen: 836.297 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

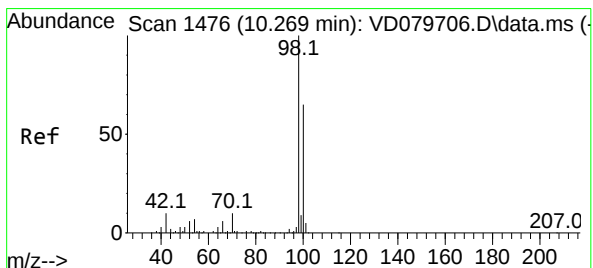
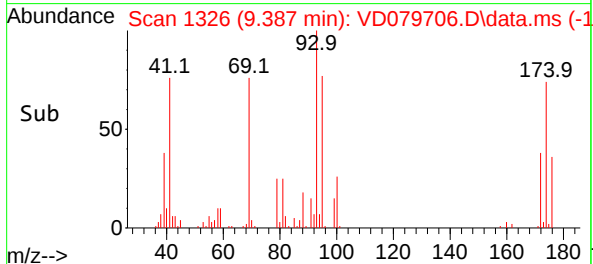
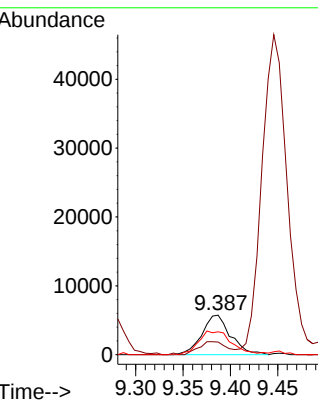
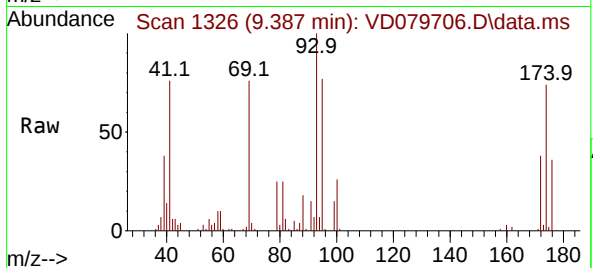
Tgt Ion: 88 Resp: 12085

Ion	Ratio	Lower	Upper
88	100		
43	32.2	21.5	32.3
58	67.7	42.2	63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#50

Toluene-d8

Concen: 46.048 ug/l

RT: 10.269 min Scan# 1476

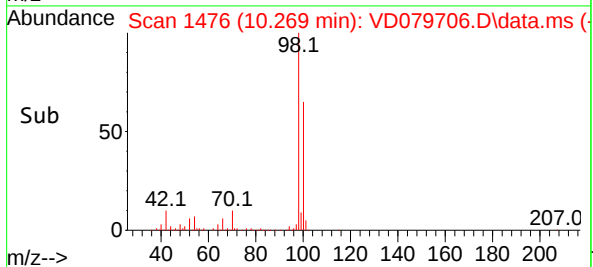
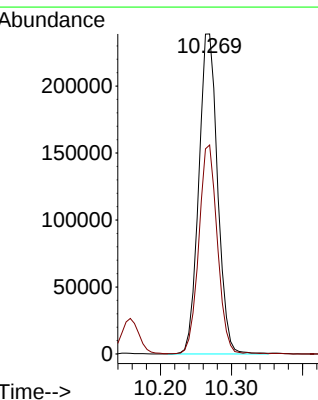
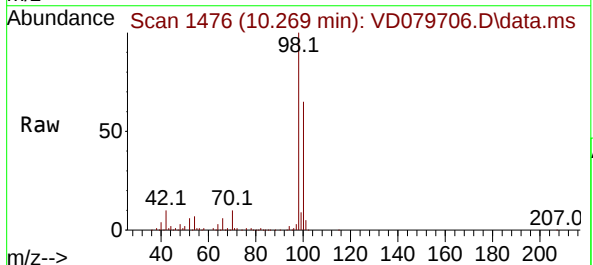
Delta R.T. 0.006 min

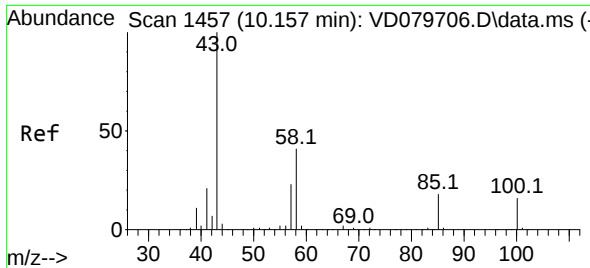
Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion: 98 Resp: 439858

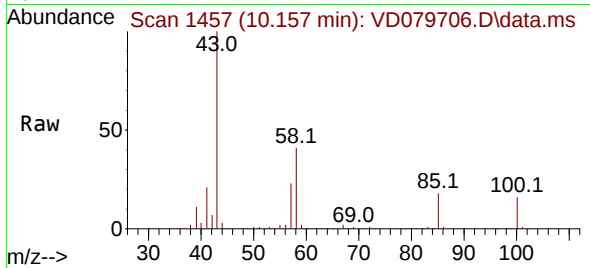
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 206.014 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

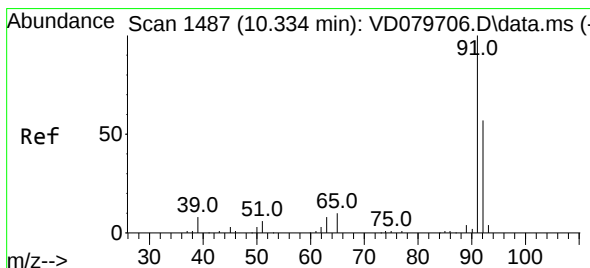
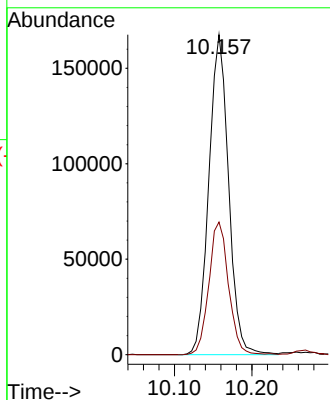
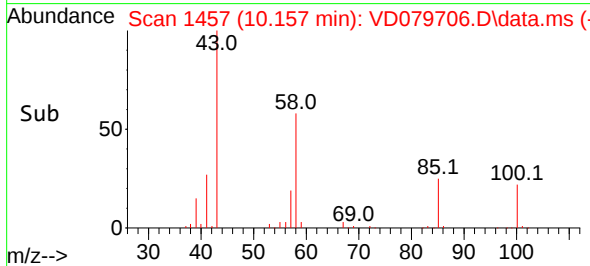
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 296354
Ion Ratio Lower Upper
43 100
58 41.5 36.6 55.0

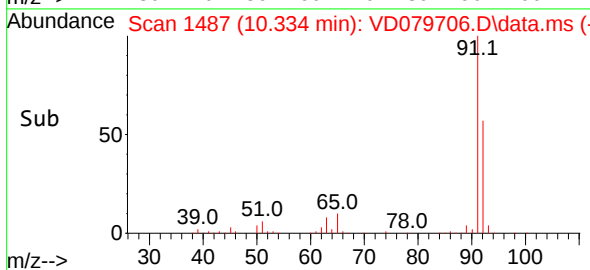
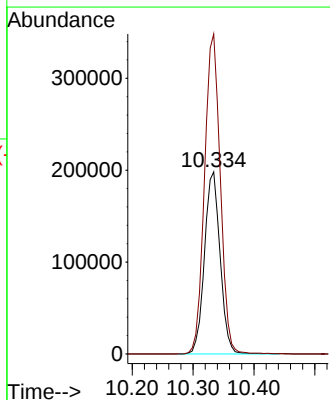
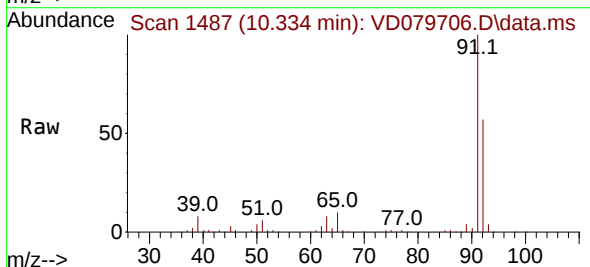
Manual Integrations
APPROVED

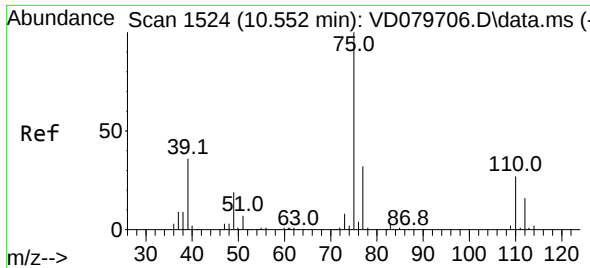
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#52
Toluene
Concen: 51.131 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

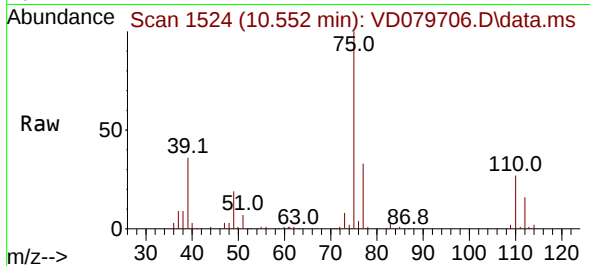
Tgt Ion: 92 Resp: 353267
Ion Ratio Lower Upper
92 100
91 177.8 141.7 212.5





#53
 t-1,3-Dichloropropene
 Concen: 46.655 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.006 min
 Lab File: VD079706.D
 Acq: 12 Aug 2024 12:20

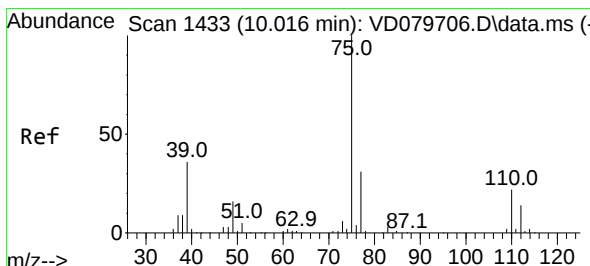
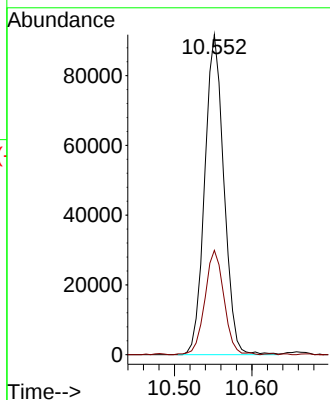
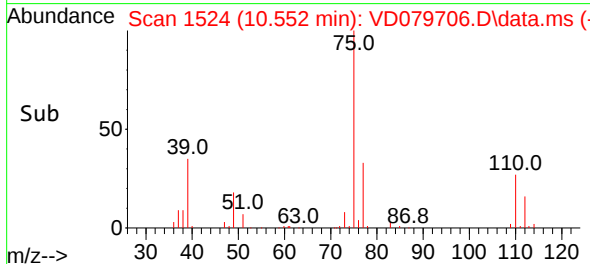
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 157848
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.6

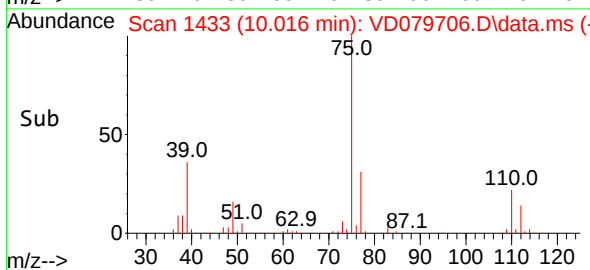
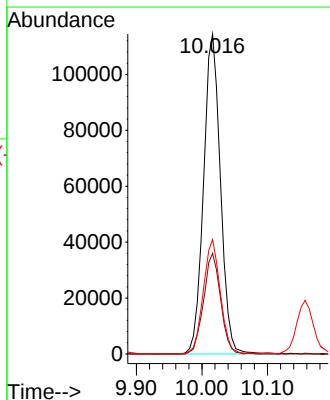
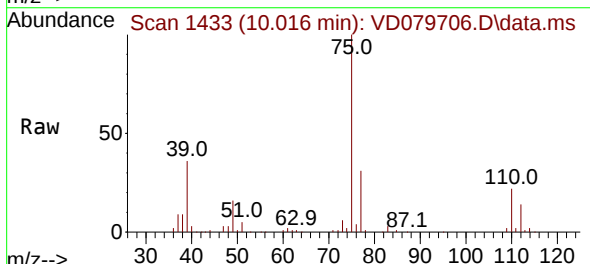
Manual Integrations
 APPROVED

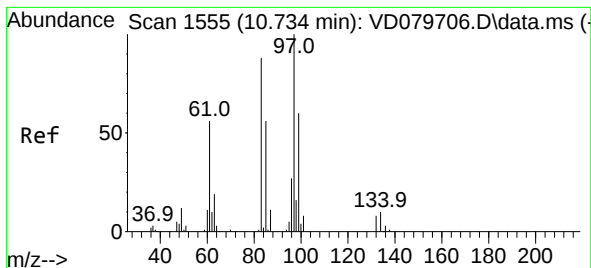
Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024



#54
 cis-1,3-Dichloropropene
 Concen: 49.349 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079706.D
 Acq: 12 Aug 2024 12:20

Tgt Ion: 75 Resp: 204919
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.4 36.6
 39 35.8 24.2 36.2





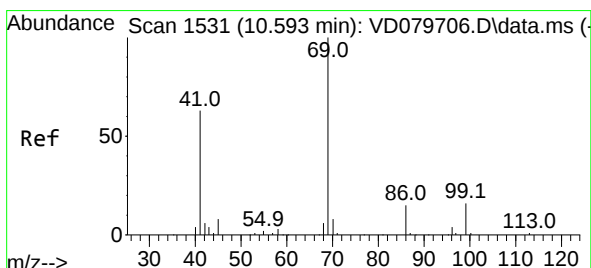
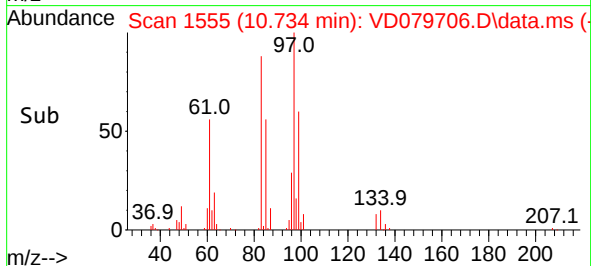
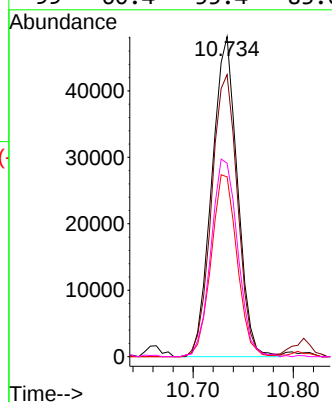
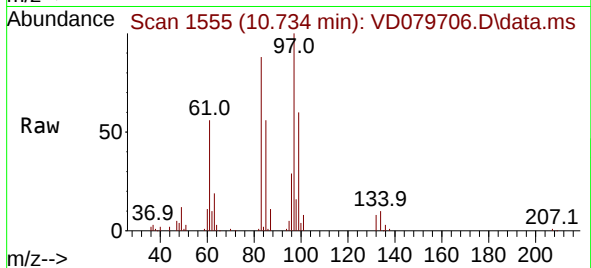
#55
1,1,2-Trichloroethane
Concen: 44.575 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.8	98.8
85	56.2	43.8	65.8
99	60.4	55.4	83.0

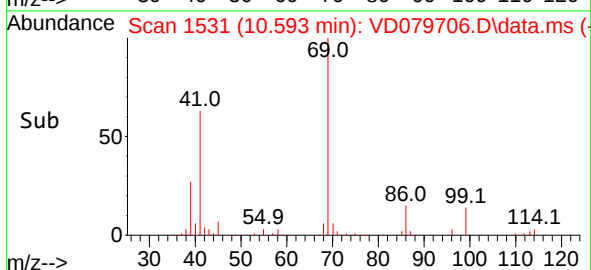
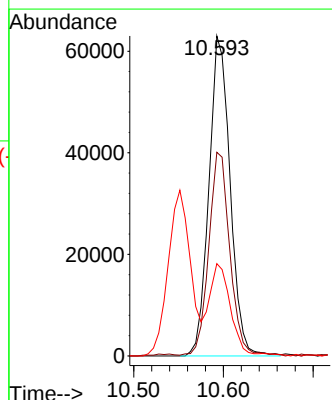
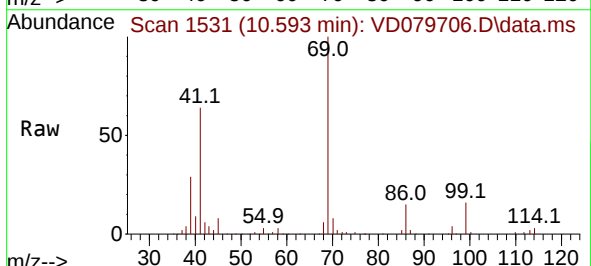
Manual Integrations
APPROVED

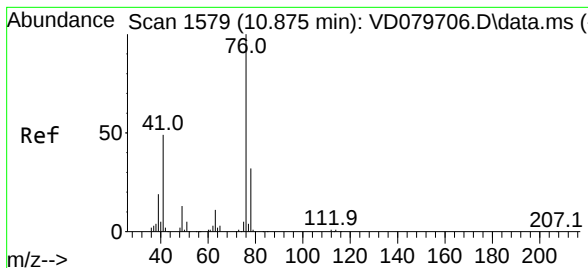
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#56
Ethyl methacrylate
Concen: 44.384 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

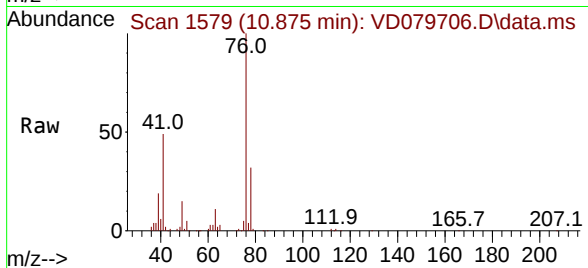
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	39.8	59.6
39	29.5	20.2	30.4





#57
1,3-Dichloropropane
Concen: 46.083 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

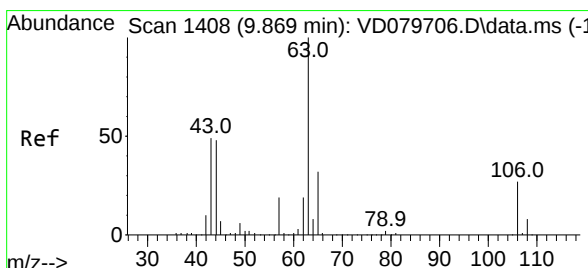
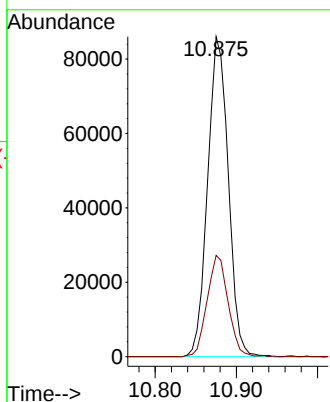
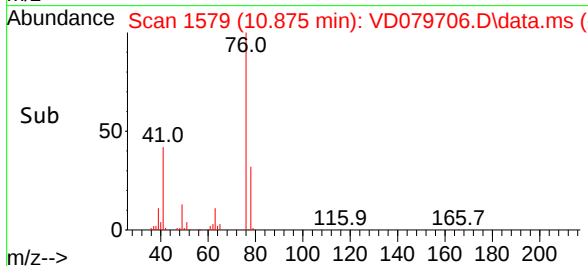
Instrument : MSVOA_D
ClientSampleId : VSTDICCC050



Tgt Ion: 76 Resp: 152060
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

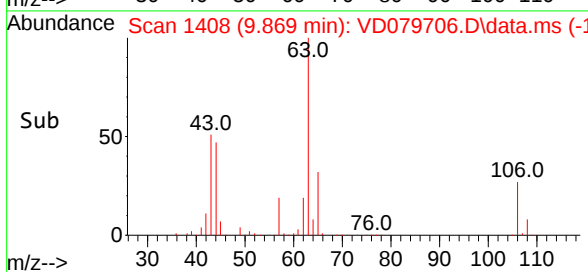
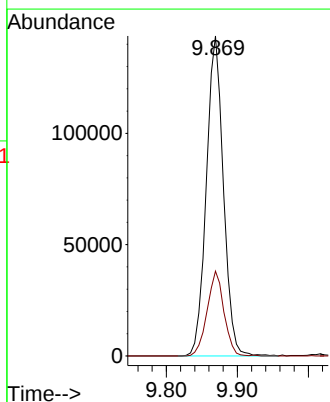
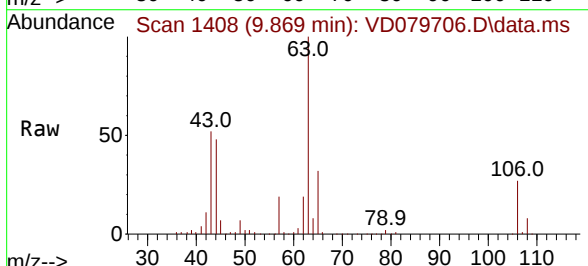
Manual Integrations
APPROVED

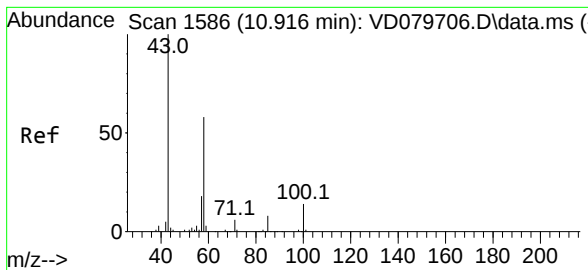
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 229.975 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

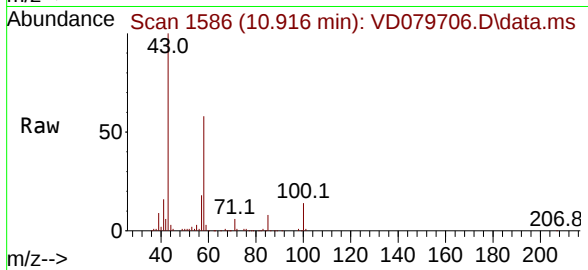
Tgt Ion: 63 Resp: 240039
Ion Ratio Lower Upper
63 100
106 26.0 26.4 39.6#





#59
2-Hexanone
Concen: 209.874 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

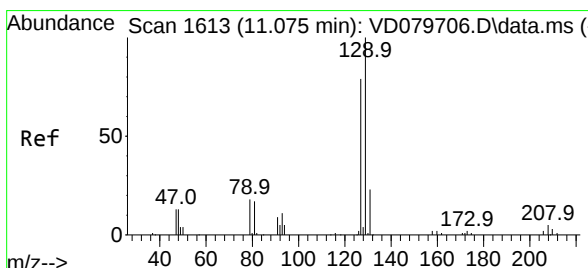
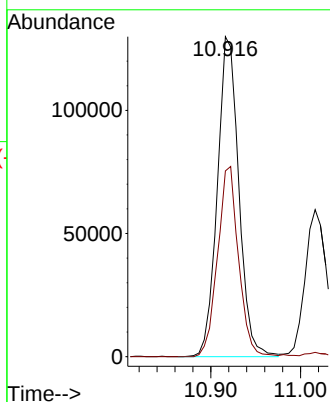
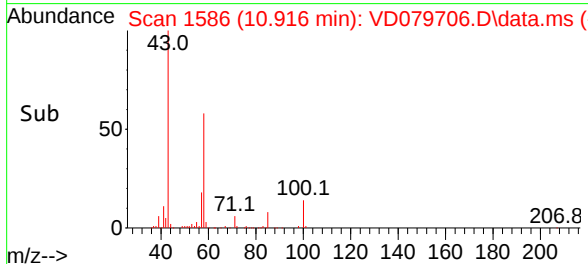
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 21595
Ion Ratio Lower Upper
43 100
58 57.9 31.1 93.5

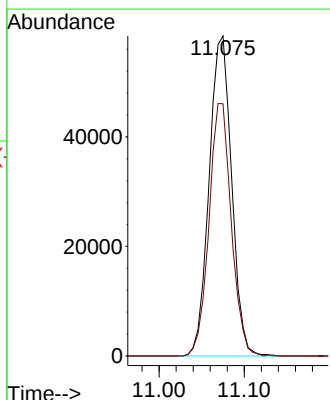
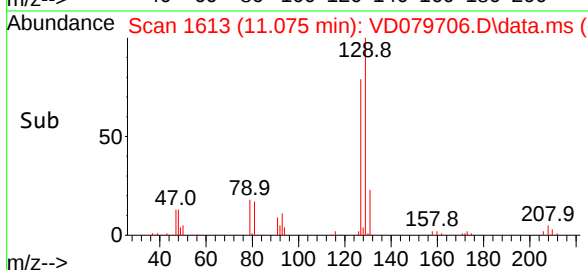
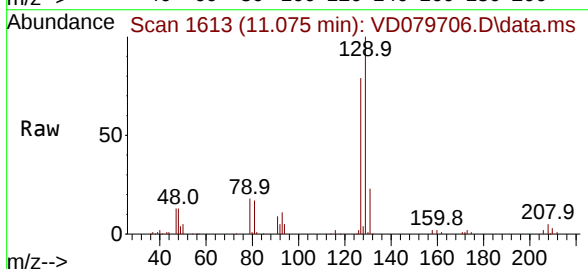
Manual Integrations
APPROVED

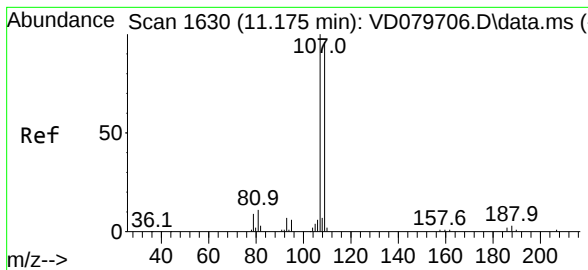
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#60
Dibromochloromethane
Concen: 45.366 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:129 Resp: 106981
Ion Ratio Lower Upper
129 100
127 78.3 38.0 113.9





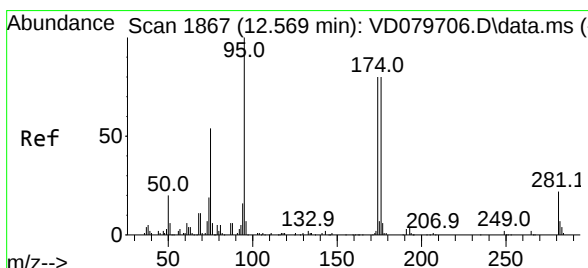
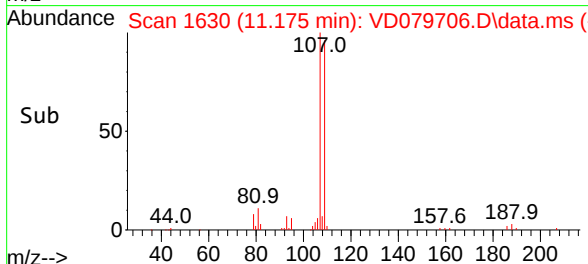
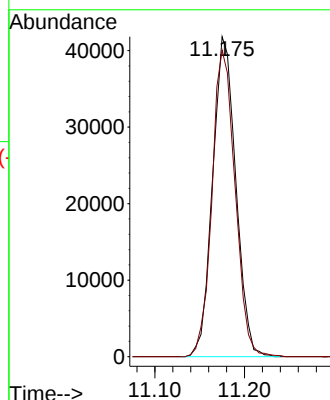
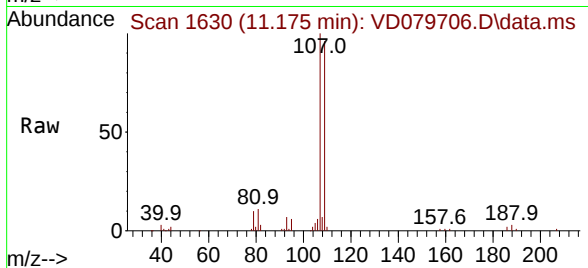
#61
1,2-Dibromoethane
Concen: 44.170 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 7507
Ion Ratio Lower Upper
107 100
109 95.4 72.0 108.0

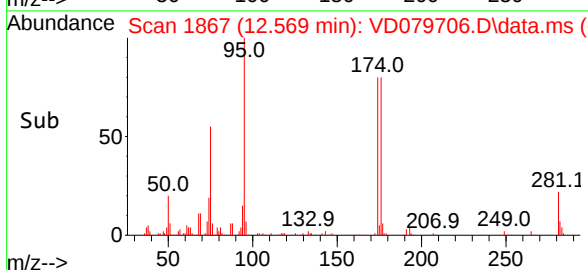
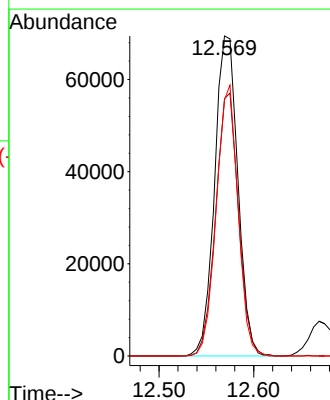
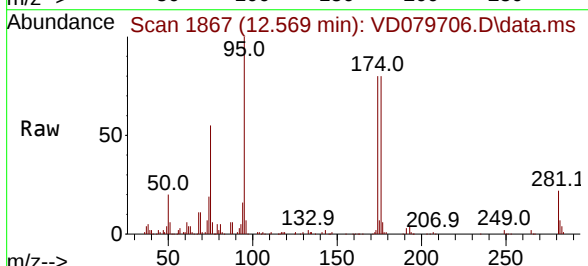
Manual Integrations
APPROVED

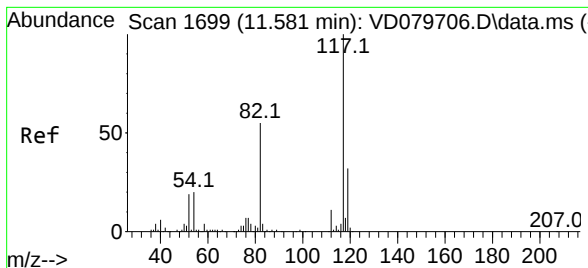
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#62
4-Bromofluorobenzene
Concen: 44.443 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

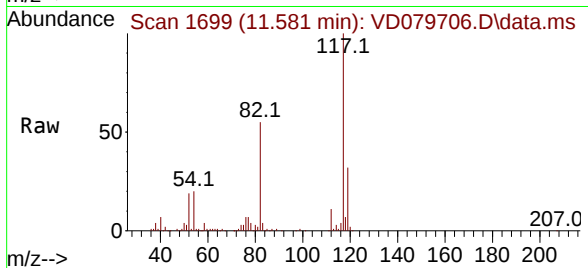
Tgt Ion: 95 Resp: 118866
Ion Ratio Lower Upper
95 100
174 80.1 0.0 195.4
176 78.6 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

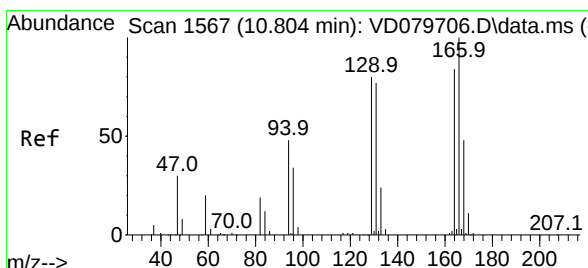
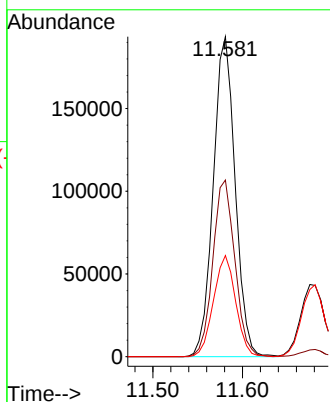
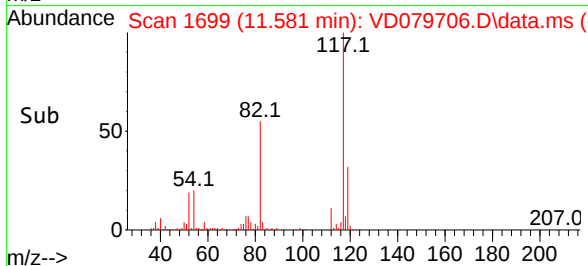
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



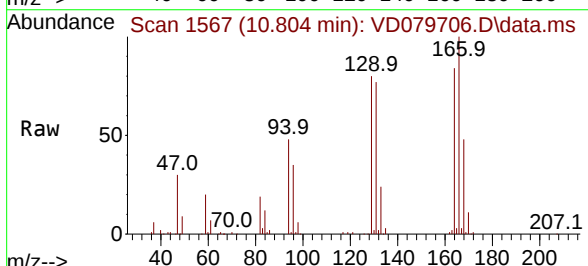
Tgt Ion:117 Resp: 32754
Ion Ratio Lower Upper
117 100
82 55.2 39.8 59.6
119 31.6 25.7 38.5

Manual Integrations
APPROVED

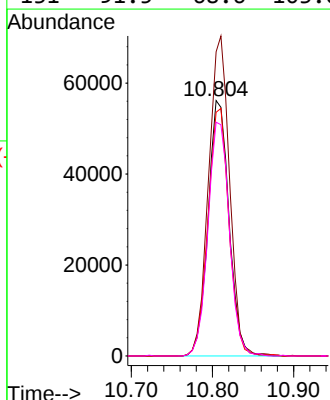
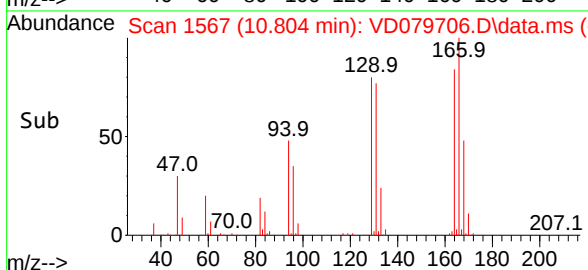
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

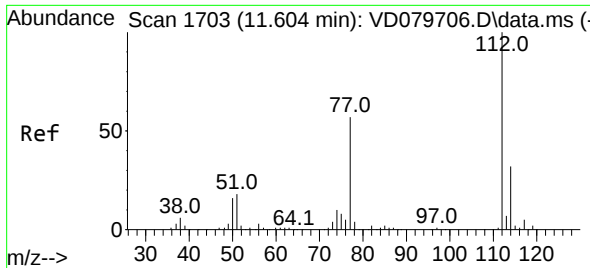


#64
Tetrachloroethene
Concen: 50.274 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20



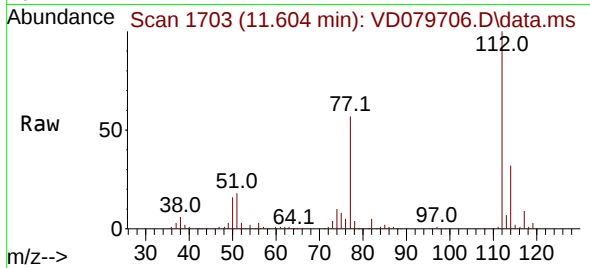
Tgt Ion:164 Resp: 100614
Ion Ratio Lower Upper
164 100
166 119.1 108.6 163.0
129 95.4 74.6 112.0
131 91.5 68.6 103.0





#65
Chlorobenzene
Concen: 51.213 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

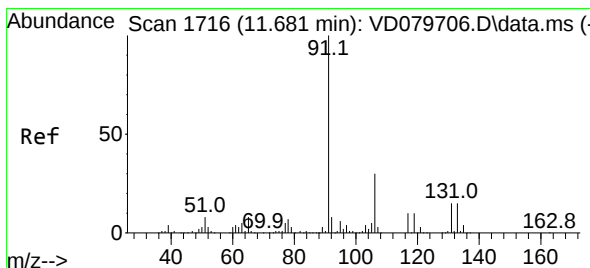
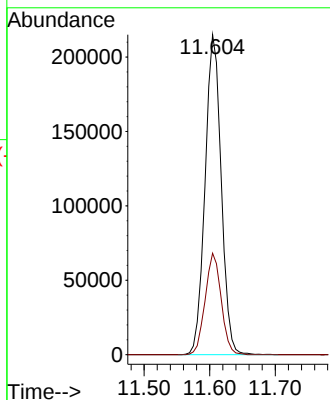
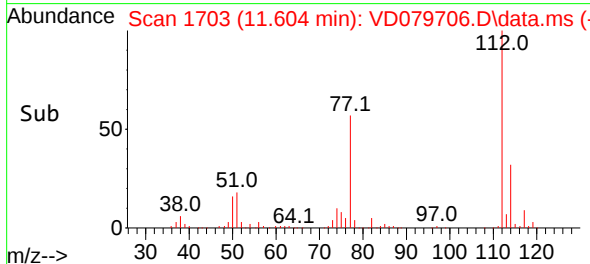
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 36833
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

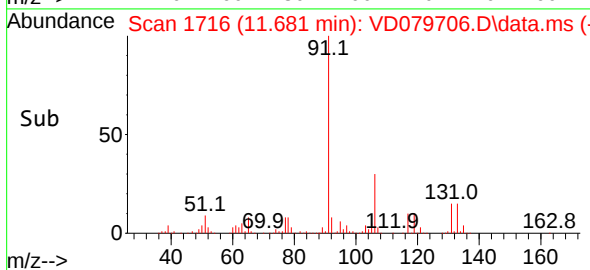
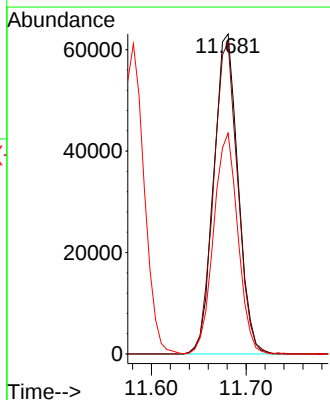
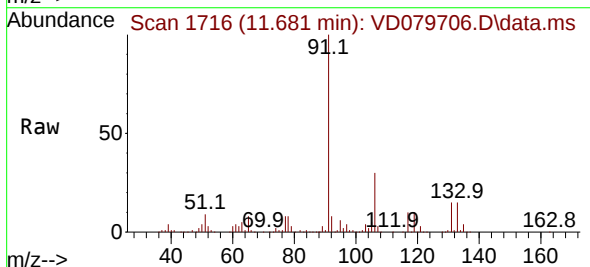
Manual Integrations
APPROVED

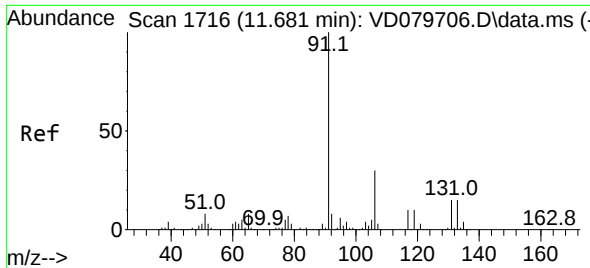
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.963 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:131 Resp: 112464
Ion Ratio Lower Upper
131 100
133 97.0 49.2 147.6
119 68.8 33.4 100.2





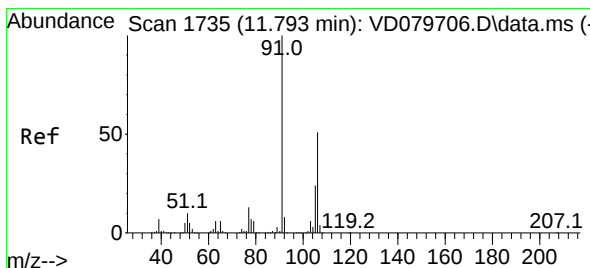
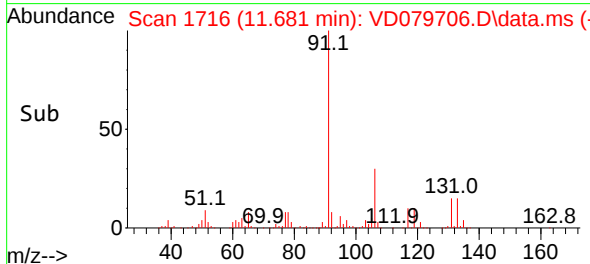
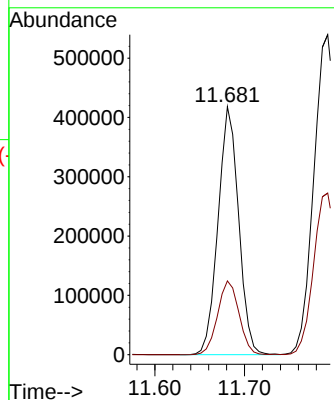
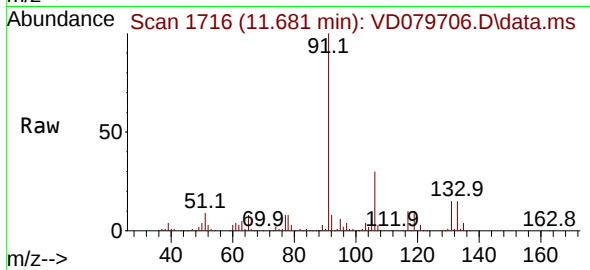
#67
Ethyl Benzene
Concen: 52.721 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 66533
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.6

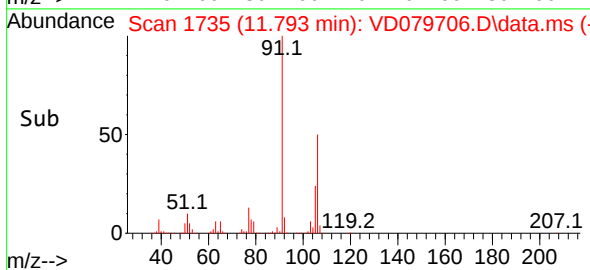
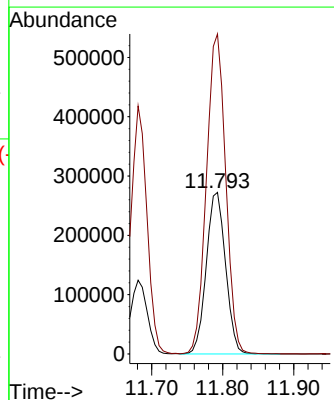
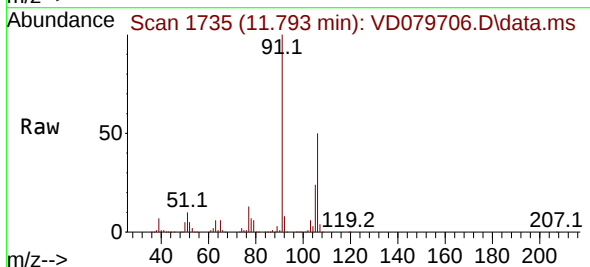
Manual Integrations
APPROVED

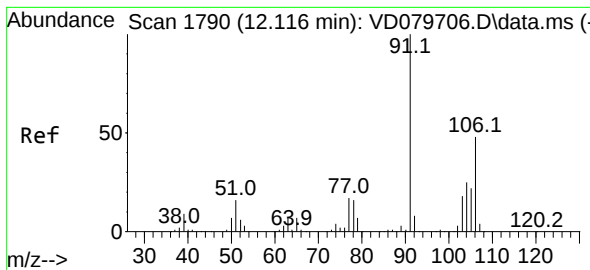
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#68
m/p-Xylenes
Concen: 104.584 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:106 Resp: 513228
Ion Ratio Lower Upper
106 100
91 198.5 148.5 222.7





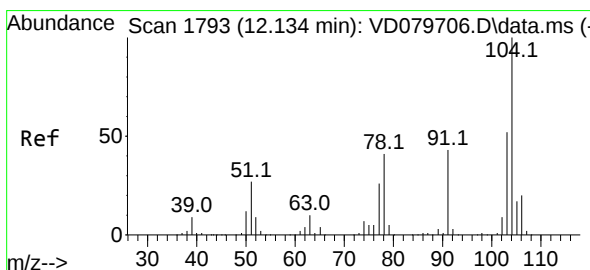
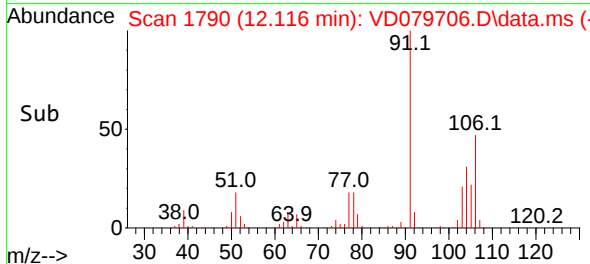
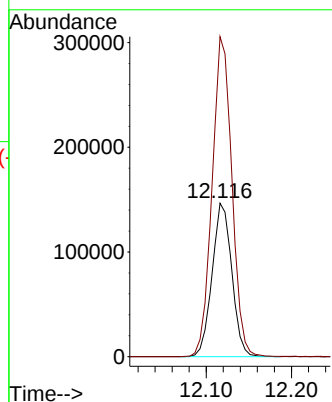
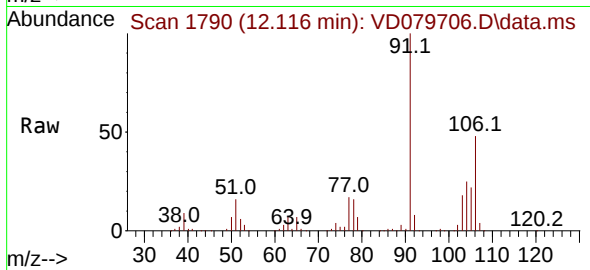
#69
o-Xylene
Concen: 52.477 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 23536
Ion Ratio Lower Upper
106 100
91 209.5 96.7 290.1

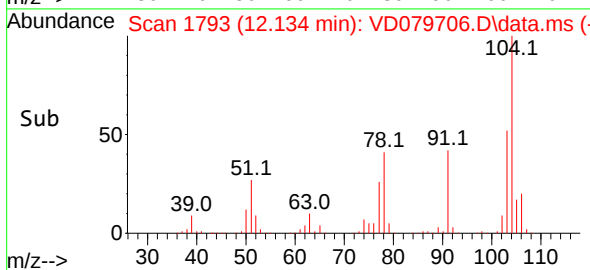
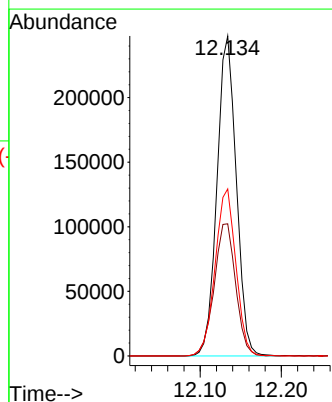
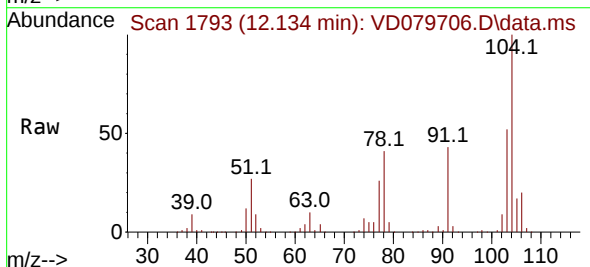
Manual Integrations
APPROVED

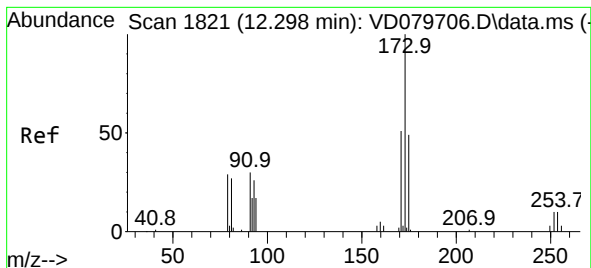
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#70
Styrene
Concen: 52.076 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:104 Resp: 409741
Ion Ratio Lower Upper
104 100
78 46.1 33.0 49.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 43.583 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.005 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

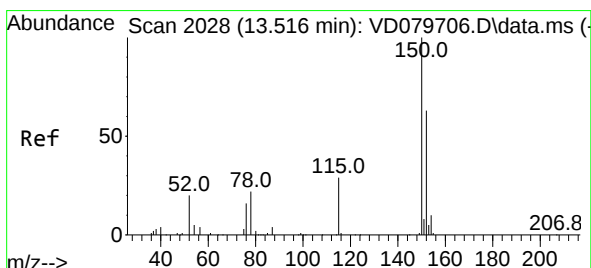
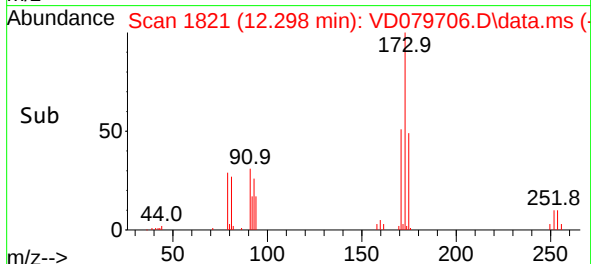
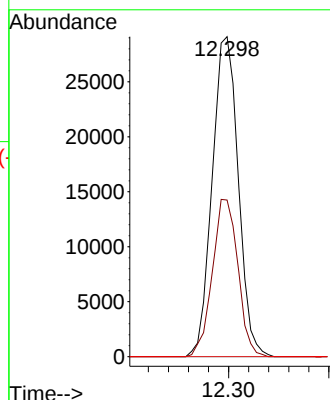
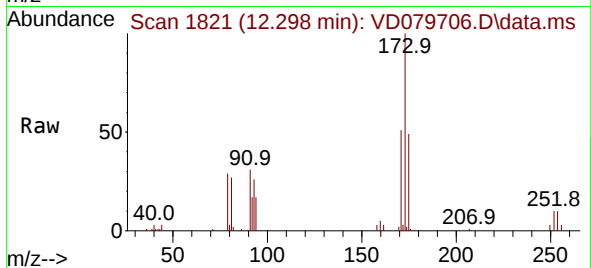
VSTDICCC050

Tgt Ion:173	Resp: 5253
Ion Ratio	Lower Upper
173	100
175	48.2 23.7 71.1
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

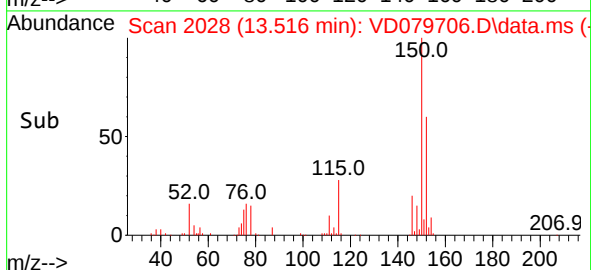
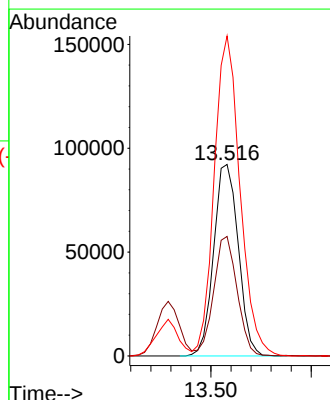
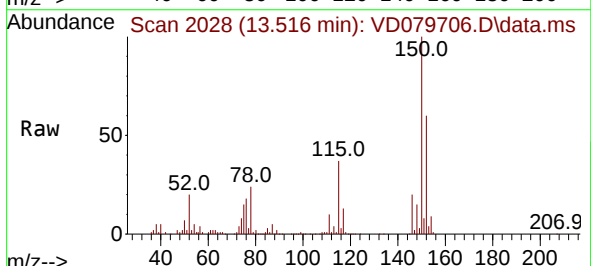
RT: 13.516 min Scan# 2028

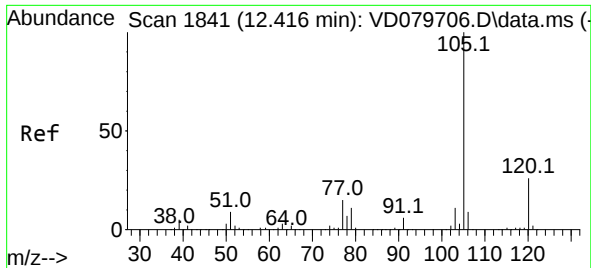
Delta R.T. 0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

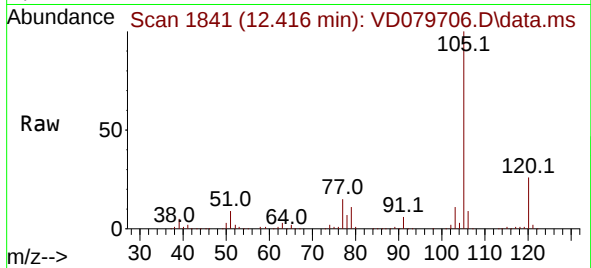
Tgt Ion:152	Resp: 157142
Ion Ratio	Lower Upper
152	100
115	60.0 26.5 79.5
150	175.2 0.0 341.6





#73
Isopropylbenzene
Concen: 55.352 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

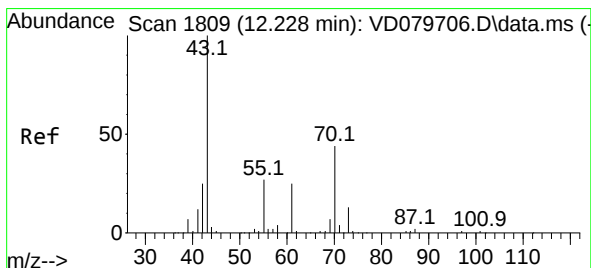
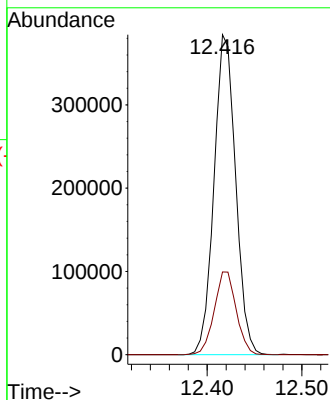
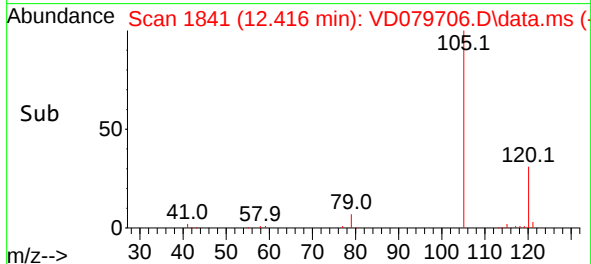
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 610662
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.7

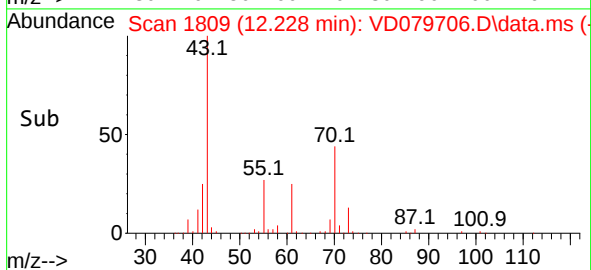
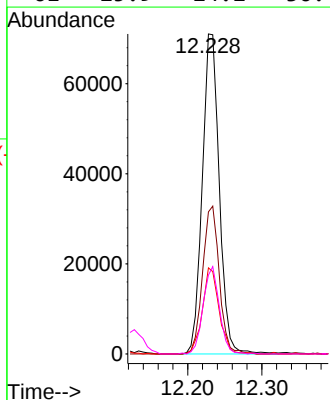
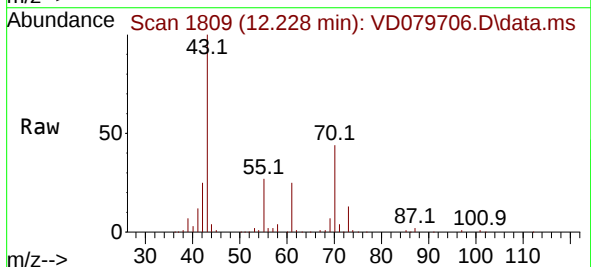
Manual Integrations
APPROVED

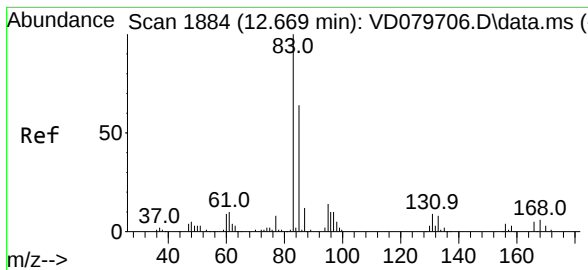
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#74
N-ethyl acetate
Concen: 46.112 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

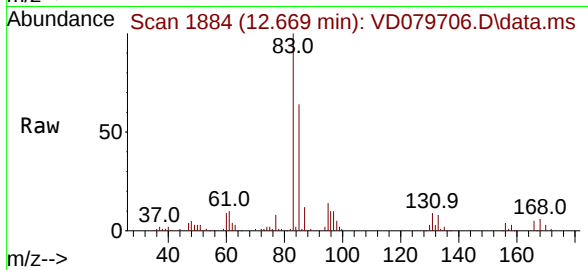
Tgt Ion: 43 Resp: 113338
Ion Ratio Lower Upper
43 100
70 45.2 44.3 66.5
55 26.5 23.2 34.8
61 25.9 24.2 36.4





#75
1,1,2,2-Tetrachloroethane
Concen: 43.900 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

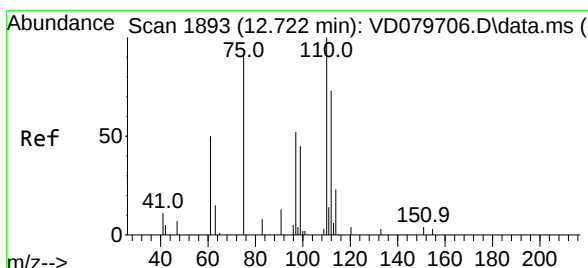
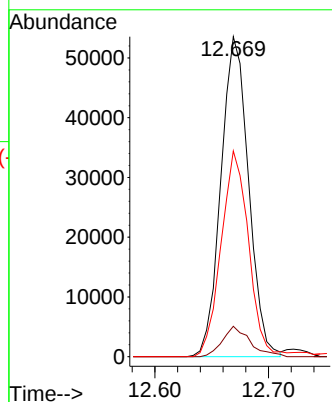
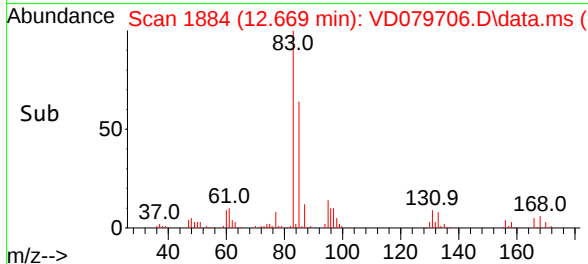
Instrument : MSVOA_D
ClientSampleId : VSTDICCC050



Tgt Ion: 83 Resp: 90430
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 64.9 33.8 101.3

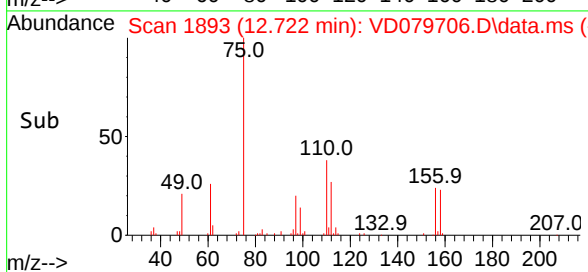
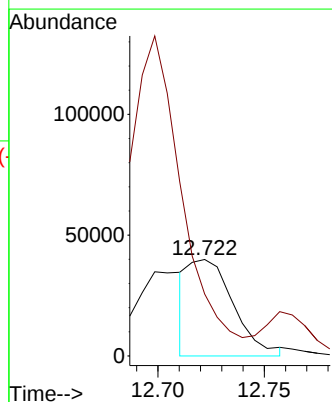
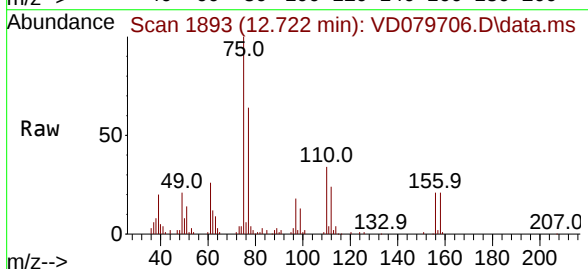
Manual Integrations
APPROVED

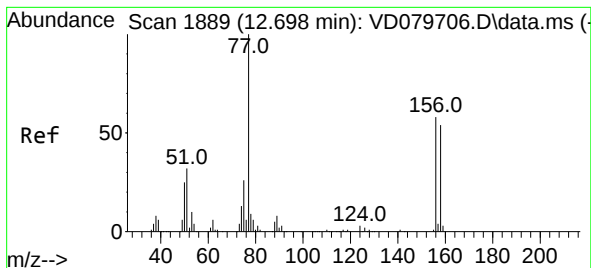
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#76
1,2,3-Trichloropropane
Concen: 22.883 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 75 Resp: 58970
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.455 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

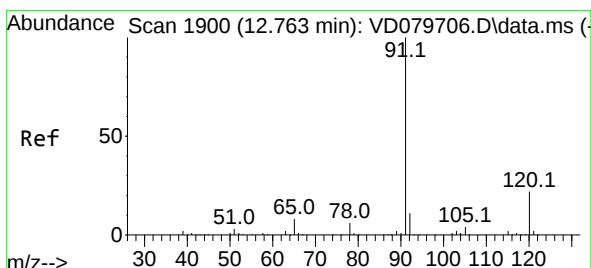
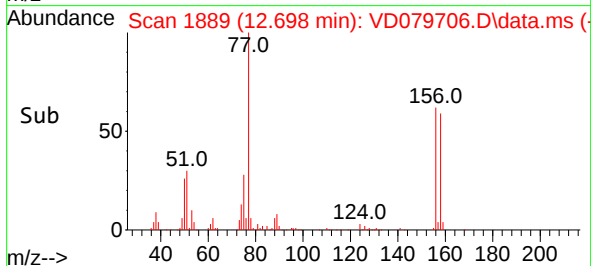
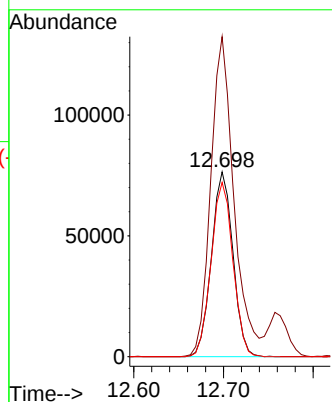
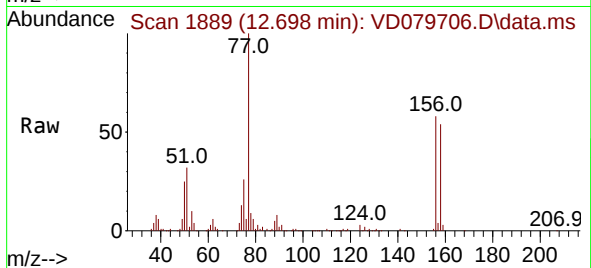
VSTDICCC050

Tgt Ion:	156	Resp:	126958
Ion Ratio	Lower	Upper	
156	100		
77	186.1	77.3	231.9
158	95.9	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#78

n-propylbenzene

Concen: 54.939 ug/l

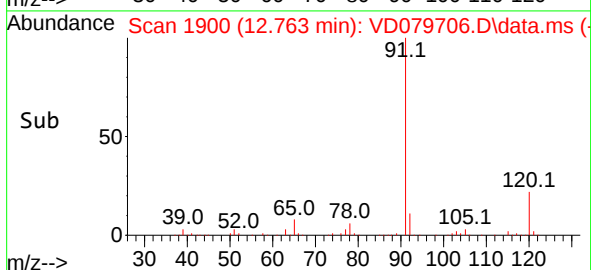
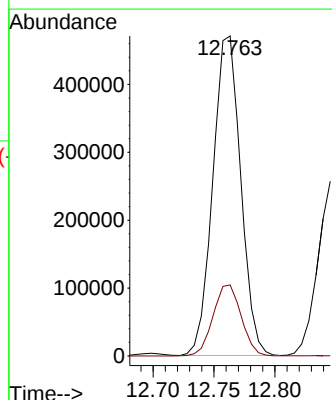
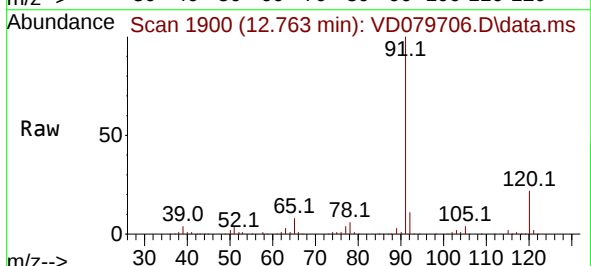
RT: 12.763 min Scan# 1900

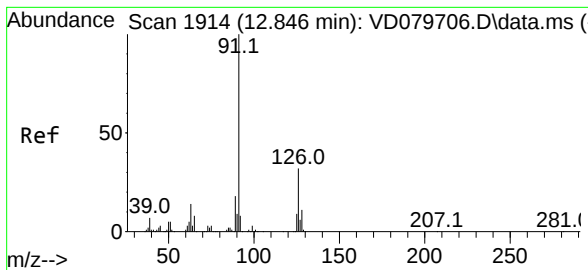
Delta R.T. 0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion:	91	Resp:	749997
Ion Ratio	Lower	Upper	
91	100		
120	22.5	12.3	36.8





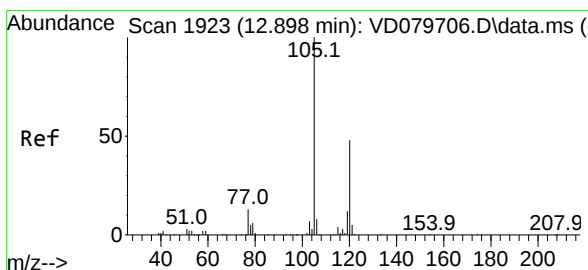
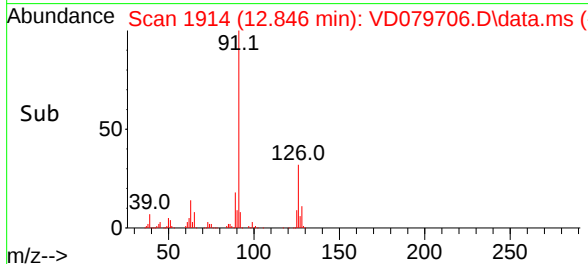
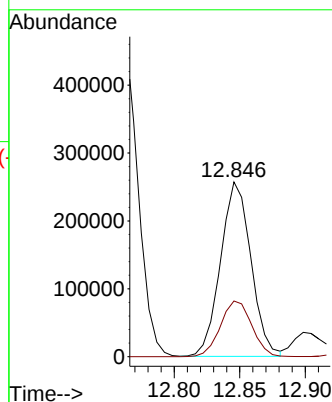
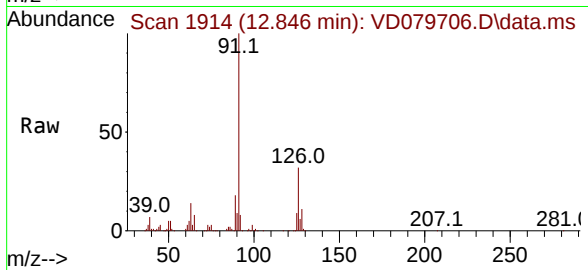
#79
2-Chlorotoluene
Concen: 54.567 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.001 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 414810
Ion Ratio Lower Upper
91 100
126 32.9 19.3 57.8

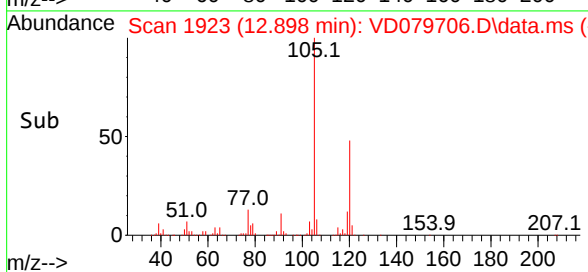
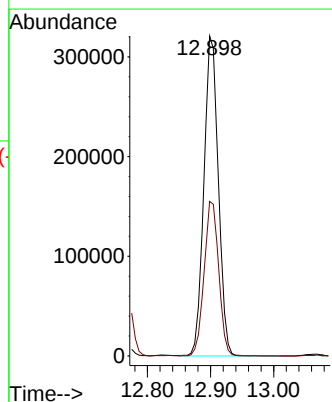
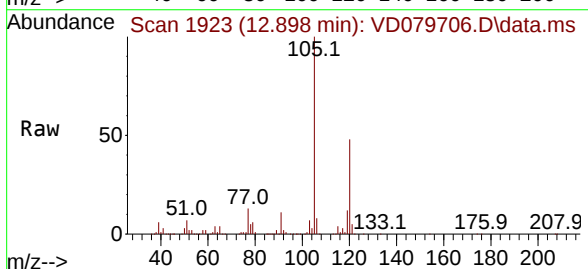
Manual Integrations
APPROVED

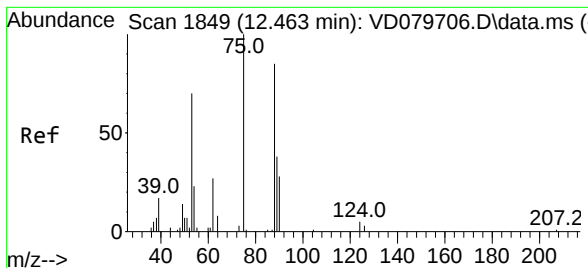
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.675 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

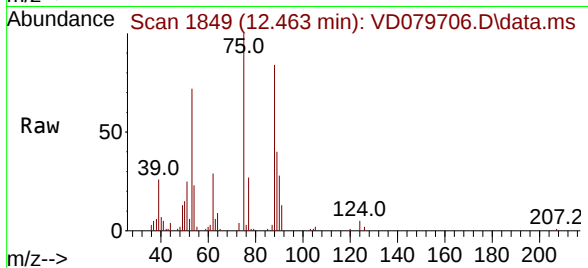
Tgt Ion:105 Resp: 509349
Ion Ratio Lower Upper
105 100
120 48.7 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 46.604 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

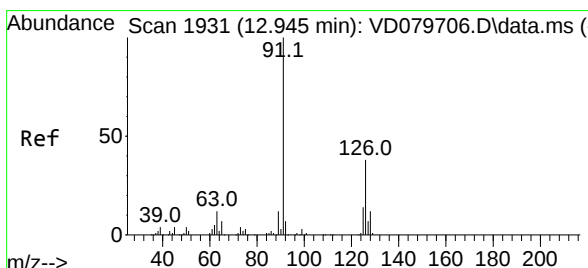
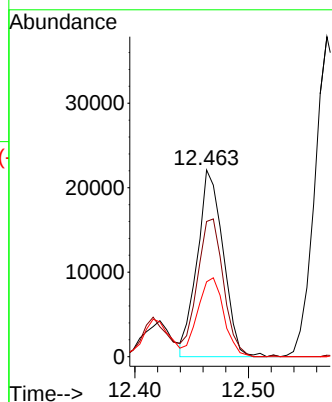
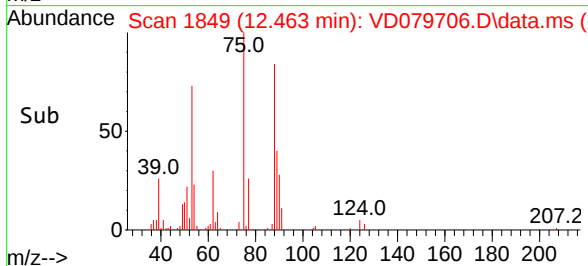
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 35034
Ion Ratio Lower Upper
75 100
53 74.6 61.4 92.2
89 42.9 35.4 53.0

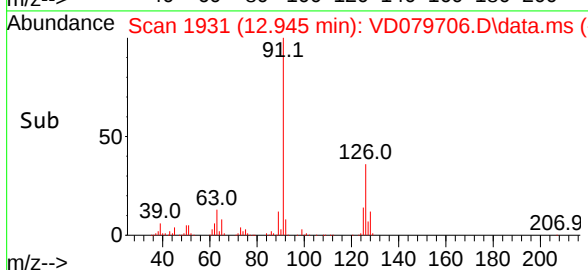
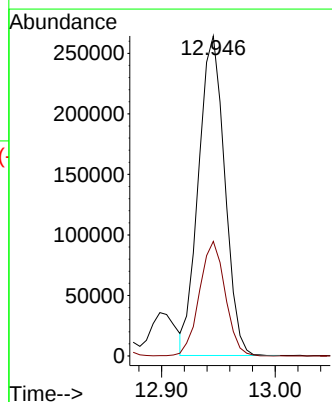
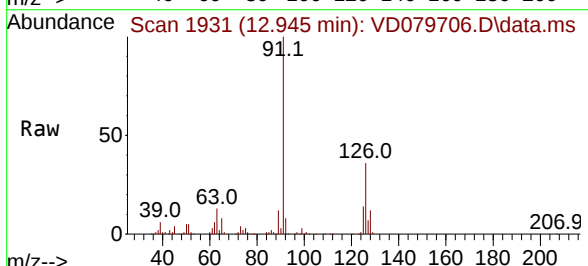
Manual Integrations
APPROVED

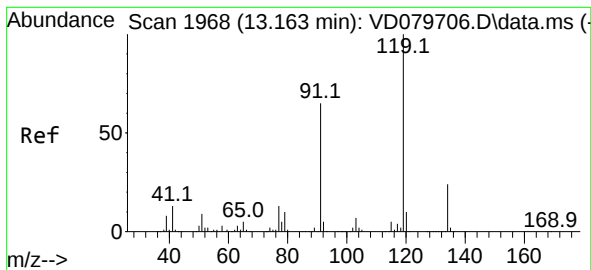
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#82
4-Chlorotoluene
Concen: 52.833 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

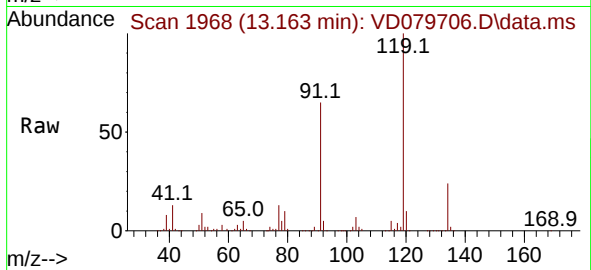
Tgt Ion: 91 Resp: 422345
Ion Ratio Lower Upper
91 100
126 35.4 18.9 56.9





#83
tert-Butylbenzene
Concen: 55.375 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

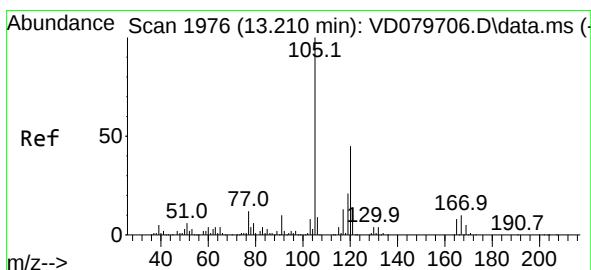
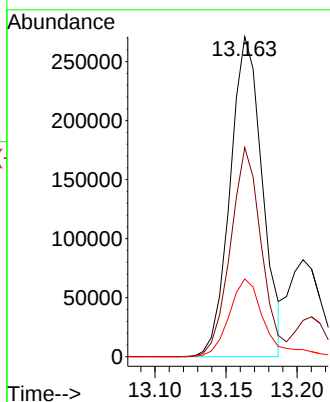
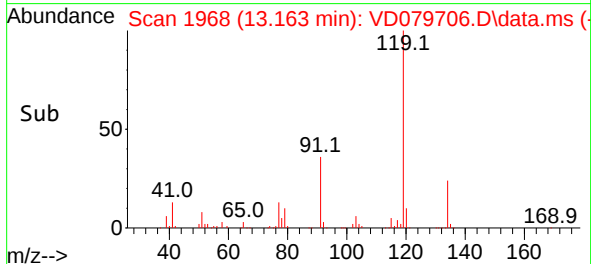
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



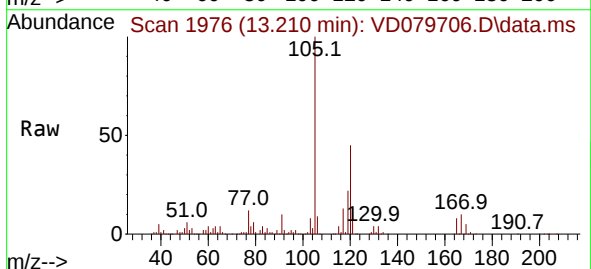
Tgt Ion:119 Resp: 42755
Ion Ratio Lower Upper
119 100
91 63.0 28.2 84.7
134 26.7 13.4 40.1

Manual Integrations
APPROVED

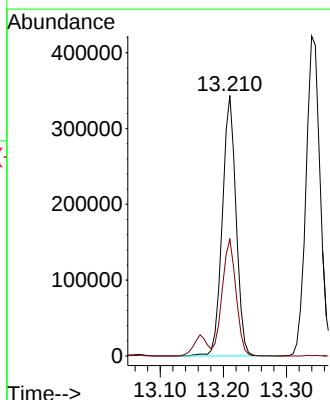
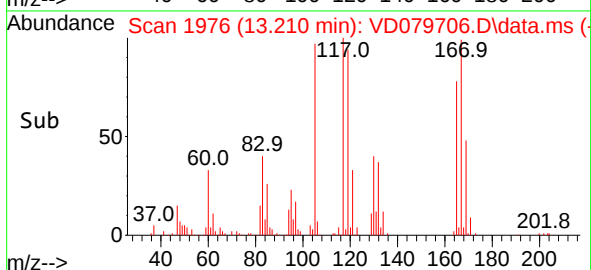
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

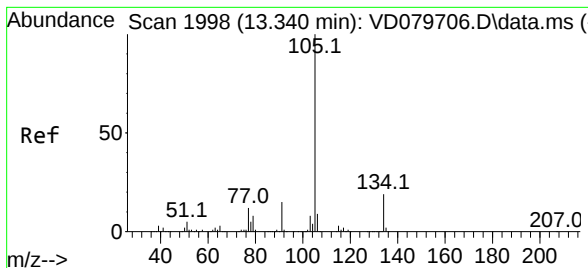


#84
1,2,4-Trimethylbenzene
Concen: 55.370 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20



Tgt Ion:105 Resp: 518248
Ion Ratio Lower Upper
105 100
120 45.2 23.6 71.0





#85

sec-Butylbenzene

Concen: 54.888 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 653040

Ion Ratio Lower Upper

105 100

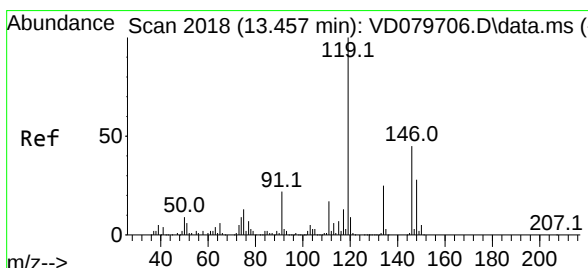
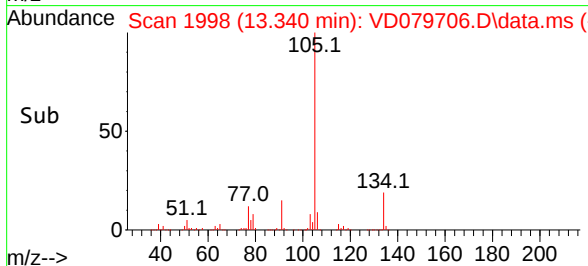
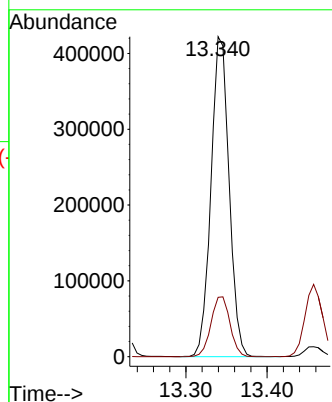
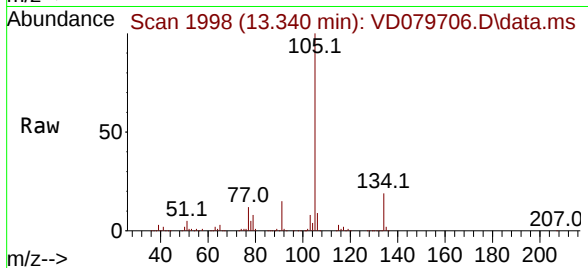
134 19.6 10.3 30.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#86

p-Isopropyltoluene

Concen: 55.333 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

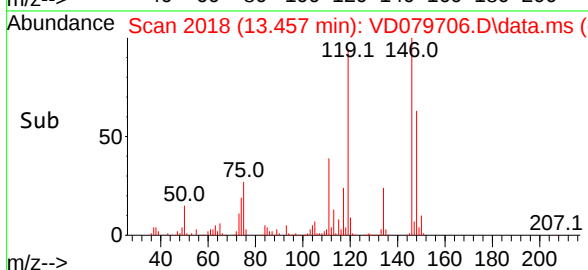
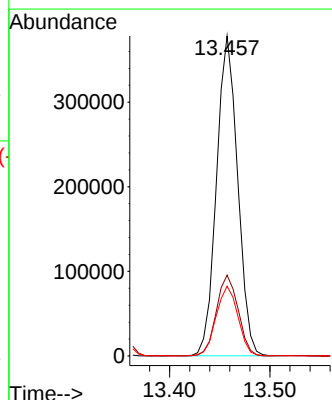
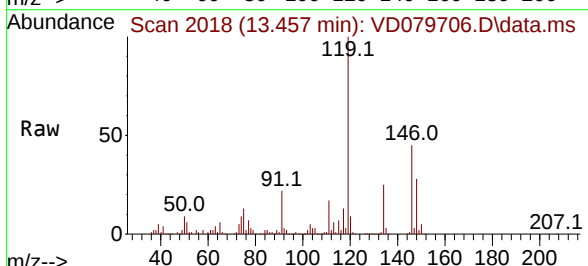
Tgt Ion:119 Resp: 553048

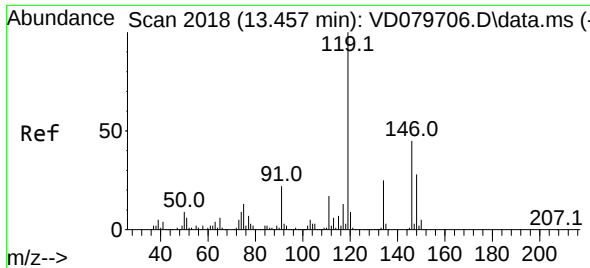
Ion Ratio Lower Upper

119 100

134 26.0 13.7 41.1

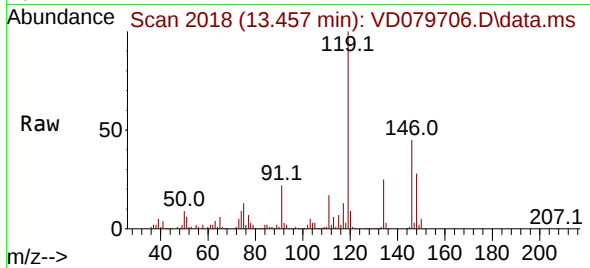
91 22.4 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 51.414 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

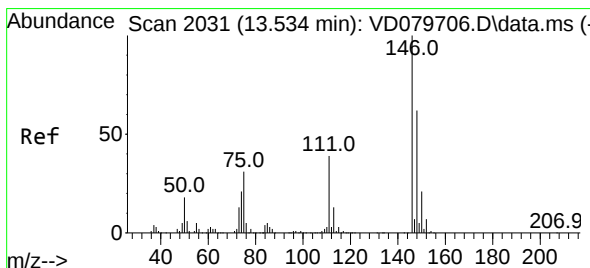
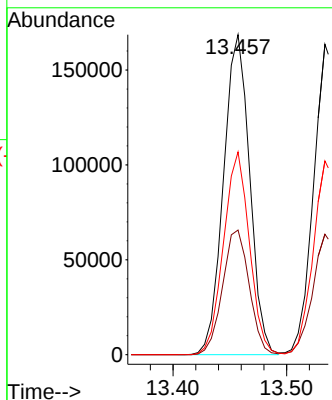
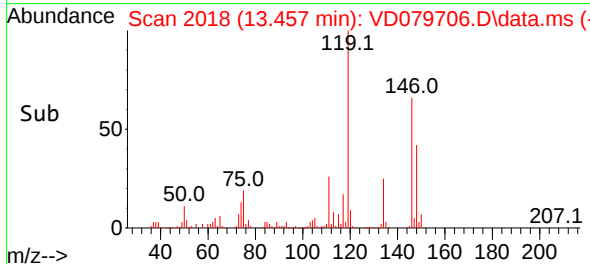
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 27005
Ion Ratio Lower Upper
146 100
111 39.7 18.5 55.5
148 62.8 30.9 92.8

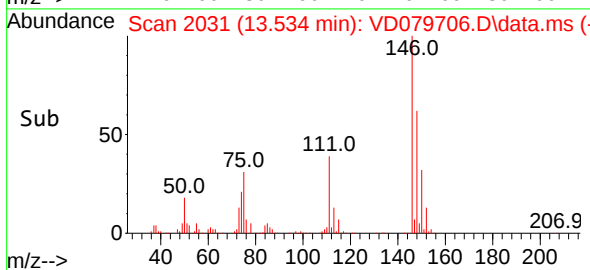
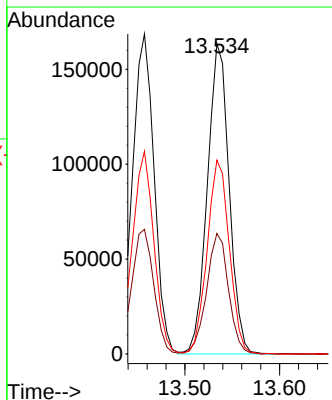
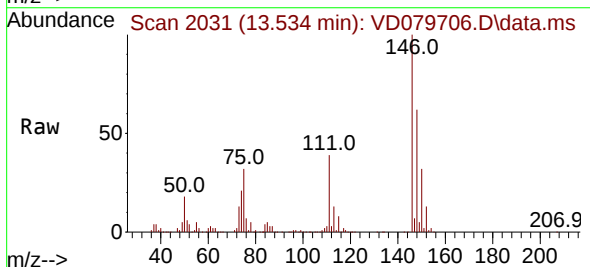
Manual Integrations
APPROVED

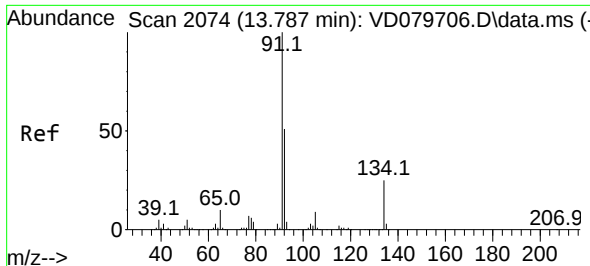
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#88
1,4-Dichlorobenzene
Concen: 50.452 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

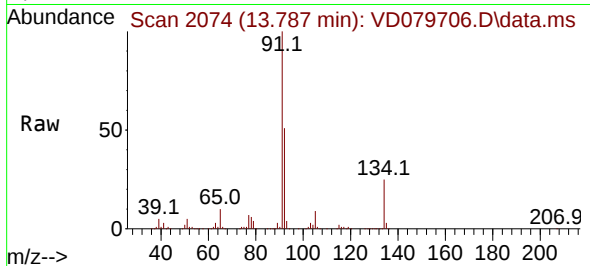
Tgt Ion:146 Resp: 261588
Ion Ratio Lower Upper
146 100
111 39.2 17.5 52.6
148 63.6 31.4 94.2





#89
n-Butylbenzene
Concen: 54.998 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

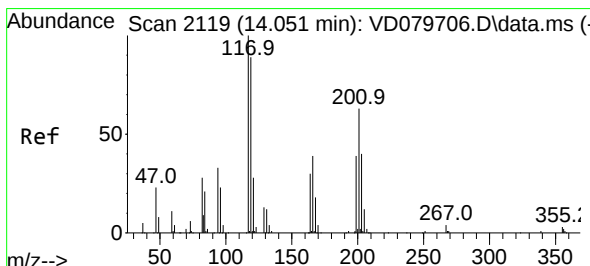
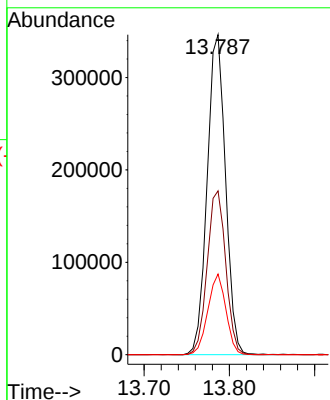
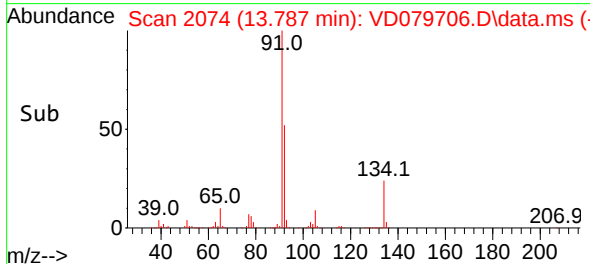
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 51815
Ion Ratio Lower Upper
91 100
92 51.8 25.7 77.0
134 24.8 13.6 40.8

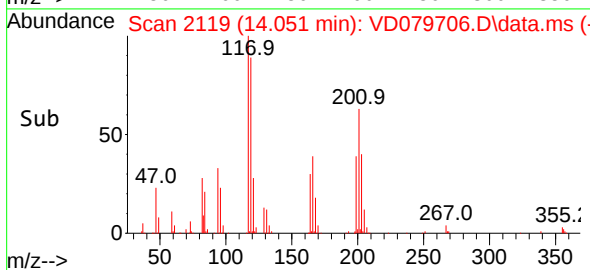
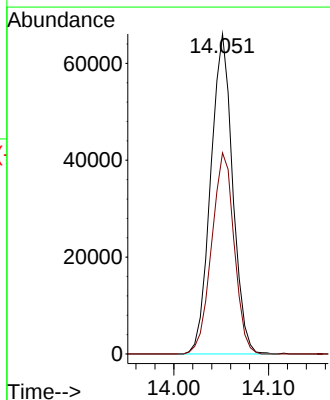
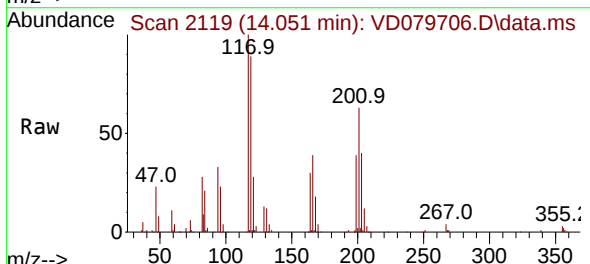
Manual Integrations
APPROVED

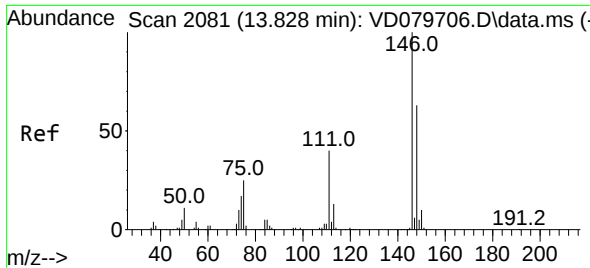
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#90
Hexachloroethane
Concen: 51.815 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion:117 Resp: 106259
Ion Ratio Lower Upper
117 100
201 64.5 36.3 108.9





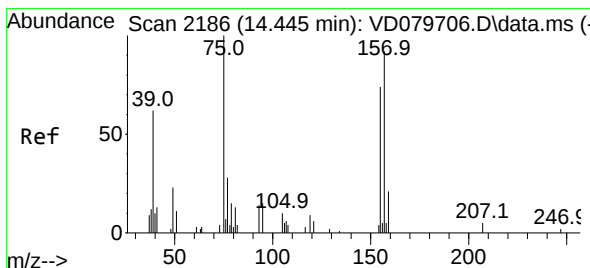
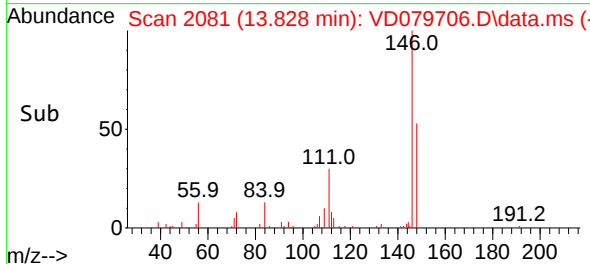
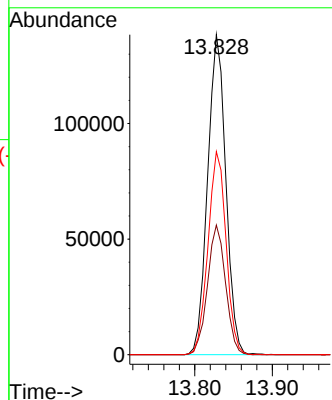
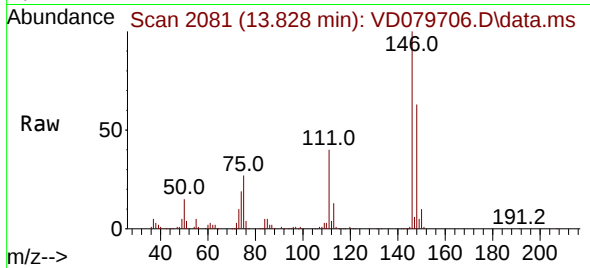
#91
1,2-Dichlorobenzene
Concen: 50.017 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 226260
Ion Ratio Lower Upper
146 100
111 40.3 19.1 57.1
148 63.0 31.1 93.5

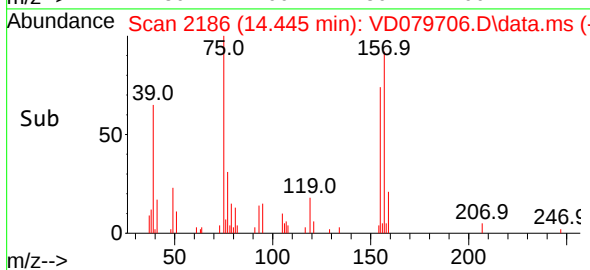
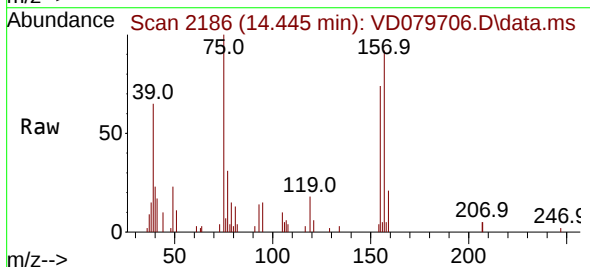
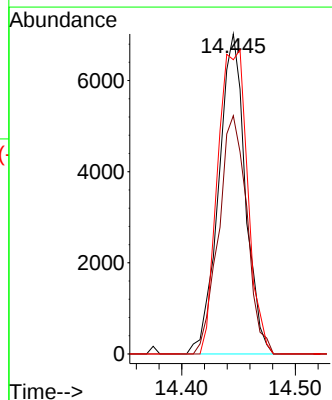
Manual Integrations
APPROVED

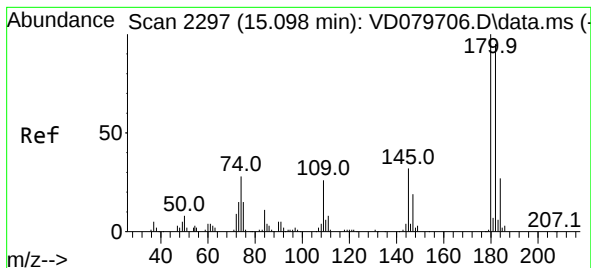
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.794 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 75 Resp: 11470
Ion Ratio Lower Upper
75 100
155 78.8 47.7 143.1
157 106.5 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 49.938 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 129960

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.7

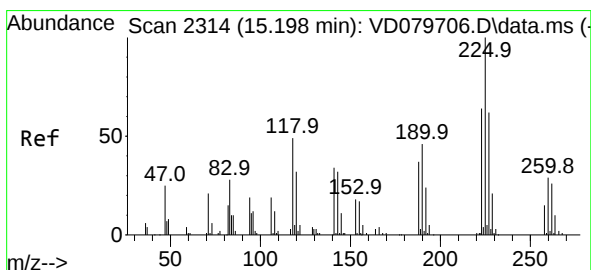
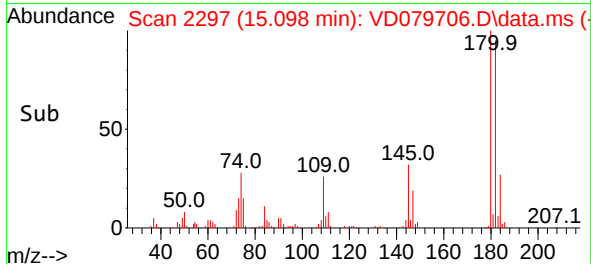
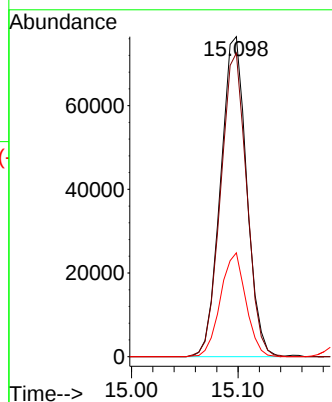
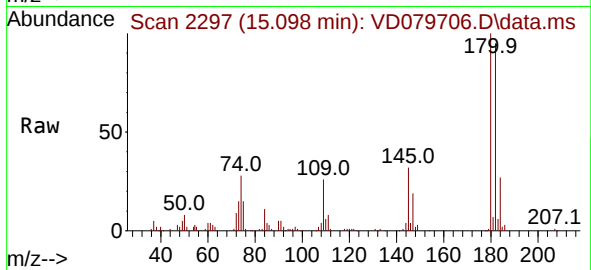
145 31.6 14.0 41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#94

Hexachlorobutadiene

Concen: 52.664 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

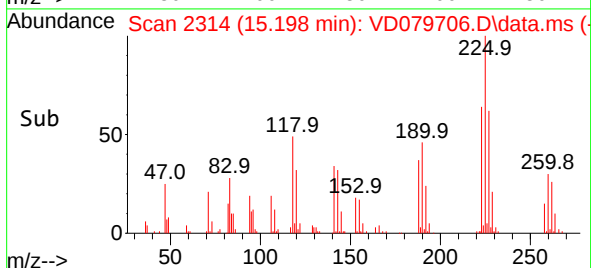
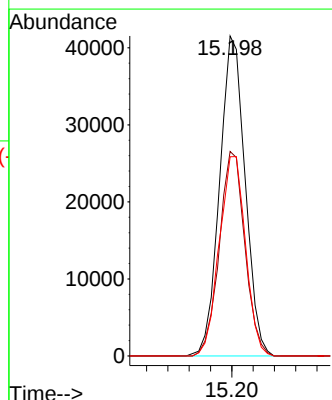
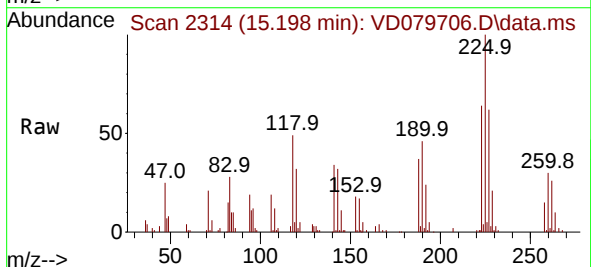
Tgt Ion:225 Resp: 68921

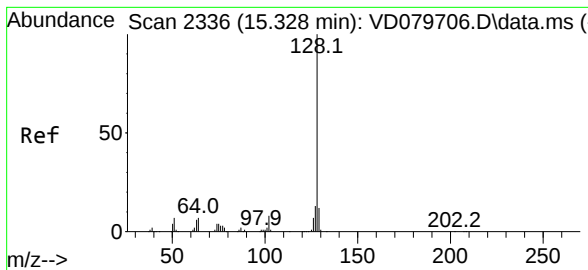
Ion Ratio Lower Upper

225 100

223 64.1 33.3 99.9

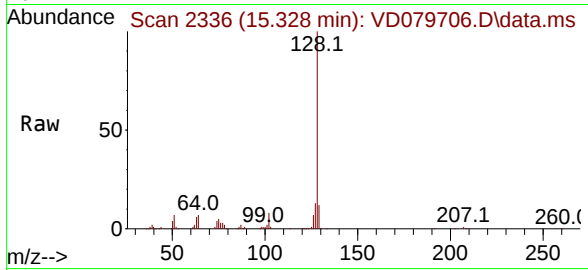
227 64.1 33.6 100.6





#95
Naphthalene
Concen: 47.296 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20

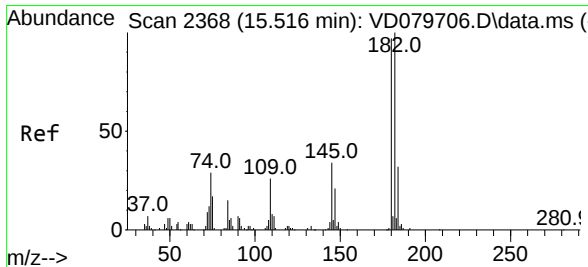
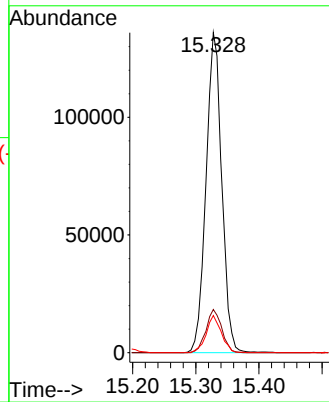
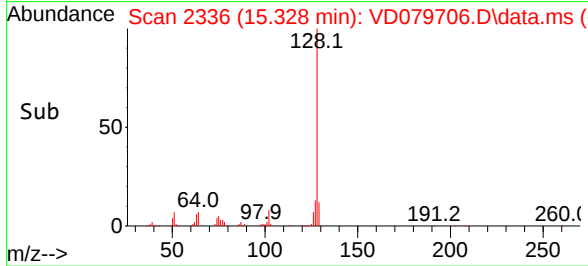
Instrument : MSVOA_D
ClientSampleId : VSTDICCC050



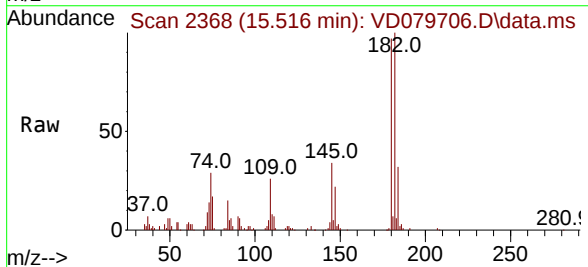
Tgt Ion:128 Resp: 23540
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.6 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.875 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079706.D
Acq: 12 Aug 2024 12:20



Tgt Ion:180 Resp: 109211
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 32.6 16.1 48.2

