

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022472.D
 Acq On : 30 May 2025 11:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 31 02:24:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	214827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	359018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122804	54.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.634	113	111018	52.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.109	98	454223	52.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.408	95	131020	50.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	95270	46.482	ug/l	99
3) Chloromethane	2.068	50	236533	46.917	ug/l	98
4) Vinyl Chloride	2.202	62	319792	52.214	ug/l	99
5) Bromomethane	2.599	94	270186	48.545	ug/l	98
6) Chloroethane	2.733	64	221468	55.336	ug/l	99
7) Trichlorofluoromethane	3.050	101	280158	54.215	ug/l	99
8) Diethyl Ether	3.452	74	63183	53.028	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	117207	51.700	ug/l	100
10) Methyl Iodide	4.001	142	134525	52.597	ug/l	99
11) Tert butyl alcohol	4.872	59	43710	274.048	ug/l	98
12) 1,1-Dichloroethene	3.787	96	114564	50.900	ug/l	99
13) Acrolein	3.653	56	47167	197.364	ug/l	96
14) Allyl chloride	4.385	41	180338	53.264	ug/l	99
15) Acrylonitrile	5.061	53	132286	275.441	ug/l	100
16) Acetone	3.873	43	145680	391.791	ug/l	# 89
17) Carbon Disulfide	4.110	76	358960	49.975	ug/l	100
18) Methyl Acetate	4.385	43	74480	53.473	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	312551	52.305	ug/l	100
20) Methylene Chloride	4.616	84	133998	51.033	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	123703	50.343	ug/l	98
22) Diisopropyl ether	6.019	45	391867	52.442	ug/l	99
23) Vinyl Acetate	5.958	43	1161936	270.813	ug/l	100
24) 1,1-Dichloroethane	5.915	63	236649	53.595	ug/l	99
25) 2-Butanone	6.890	43	189621	306.209	ug/l	98
26) 2,2-Dichloropropane	6.890	77	208375	52.118	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	145719	51.226	ug/l	98
28) Bromochloromethane	7.244	49	101857	55.243	ug/l	98
29) Tetrahydrofuran	7.268	42	112734	272.968	ug/l	99
30) Chloroform	7.421	83	230841	53.056	ug/l	97
31) Cyclohexane	7.701	56	211518	48.596	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	207459	52.539	ug/l	100
36) 1,1-Dichloropropene	7.835	75	173461	51.991	ug/l	99
37) Ethyl Acetate	6.982	43	80759	56.957	ug/l	99
38) Carbon Tetrachloride	7.817	117	179250	51.575	ug/l	99
39) Methylcyclohexane	9.110	83	227959	51.401	ug/l	99
40) Benzene	8.079	78	521250	52.505	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	40204m	46.717	ug/l	
42) 1,2-Dichloroethane	8.158	62	142105	54.198	ug/l	100
43) Isopropyl Acetate	8.195	43	169608	54.741	ug/l	100
44) Trichloroethene	8.866	130	126115	51.388	ug/l	93
45) 1,2-Dichloropropane	9.140	63	123689	53.028	ug/l	100
46) Dibromomethane	9.231	93	69415	53.273	ug/l	99
47) Bromodichloromethane	9.420	83	179267	53.501	ug/l	98
48) Methyl methacrylate	9.219	41	78438	54.537	ug/l	99
49) 1,4-Dioxane	9.231	88	15221	1057.597	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	429775	281.130	ug/l	99
52) Toluene	10.170	92	326922	52.723	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	166316	53.288	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	193537	52.773	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	88581	53.769	ug/l	98
56) Ethyl methacrylate	10.439	69	128298	54.268	ug/l	96
57) 1,3-Dichloropropane	10.719	76	156012	53.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	312651	265.353	ug/l	99
59) 2-Hexanone	10.762	43	300454	299.896	ug/l	98
60) Dibromochloromethane	10.914	129	110167	52.350	ug/l	97
61) 1,2-Dibromoethane	11.018	107	80164	53.202	ug/l	98
64) Tetrachloroethene	10.646	164	128759	49.960	ug/l	97
65) Chlorobenzene	11.444	112	340296	52.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	115325	52.750	ug/l	100
67) Ethyl Benzene	11.518	91	640335	53.445	ug/l	99
68) m/p-Xylenes	11.627	106	478725	105.386	ug/l	99
69) o-Xylene	11.957	106	223592	52.372	ug/l	99
70) Styrene	11.969	104	377497	53.102	ug/l	98
71) Bromoform	12.133	173	60534	52.861	ug/l #	99
73) Isopropylbenzene	12.255	105	590708	53.202	ug/l	99
74) N-amyl acetate	12.072	43	151932	55.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	95330	54.495	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	74219m	52.522	ug/l	
77) Bromobenzene	12.530	156	123295	51.601	ug/l	97
78) n-propylbenzene	12.597	91	724086	54.342	ug/l	99
79) 2-Chlorotoluene	12.682	91	383669	53.192	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	465580	53.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	34068	54.520	ug/l	98
82) 4-Chlorotoluene	12.780	91	395252	53.206	ug/l	100
83) tert-Butylbenzene	12.999	119	422268	53.873	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	467206	53.516	ug/l	99
85) sec-Butylbenzene	13.176	105	635190	54.644	ug/l	100
86) p-Isopropyltoluene	13.292	119	526830	54.274	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	252923	52.609	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	242932	52.846	ug/l	98
89) n-Butylbenzene	13.621	91	502383	55.199	ug/l	99
90) Hexachloroethane	13.883	117	103024	53.335	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	213313	53.121	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14324	52.990	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	119498	53.679	ug/l	99
94) Hexachlorobutadiene	15.023	225	63399	54.267	ug/l	98
95) Naphthalene	15.145	128	228264	55.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97859	53.600	ug/l	99

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ClientSampleId :
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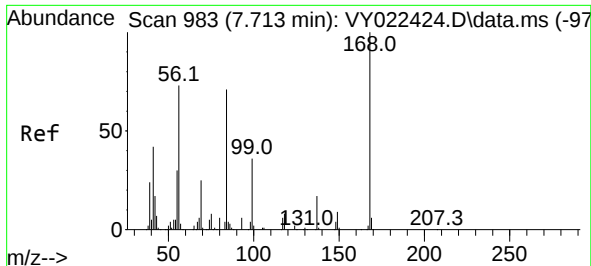
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

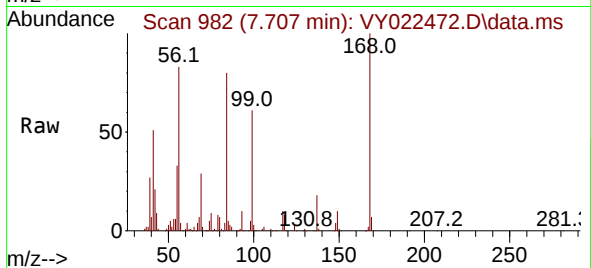
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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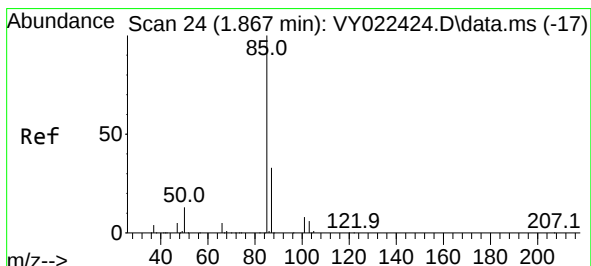
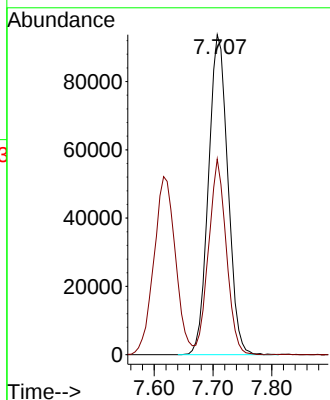
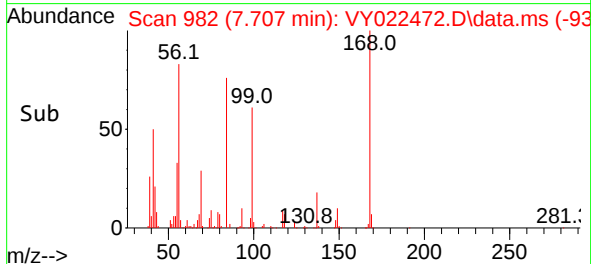
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21482
Ion Ratio Lower Upper
168 100
99 61.0 44.7 67.1

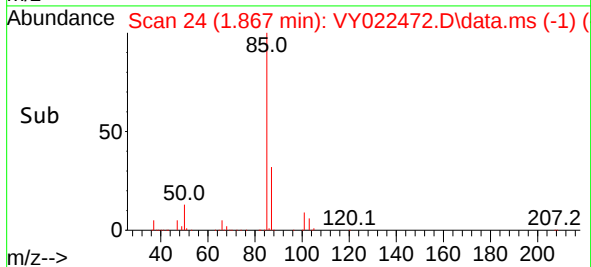
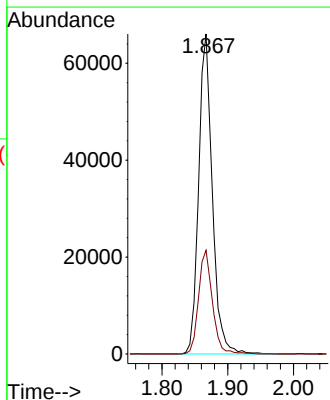
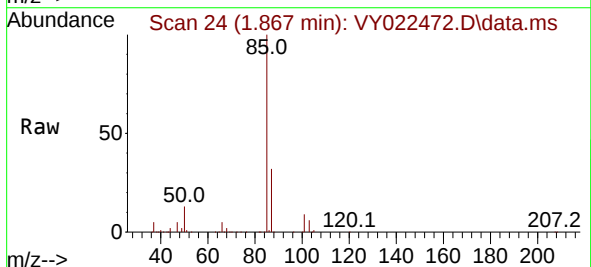
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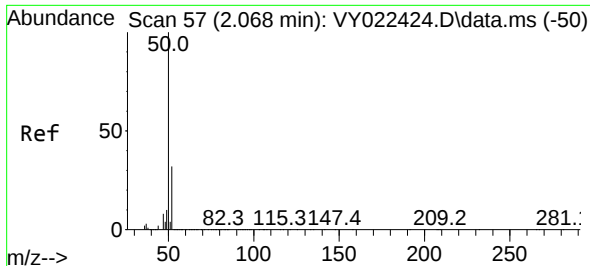
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#2
Dichlorodifluoromethane
Concen: 46.482 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

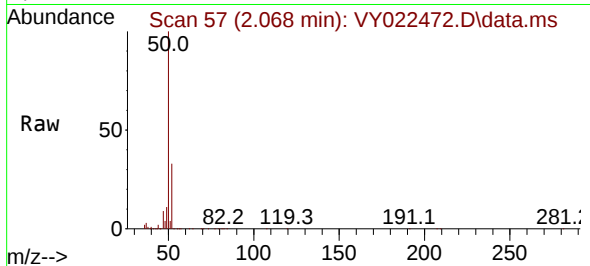
Tgt Ion: 85 Resp: 95270
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.2





#3
Chloromethane
Concen: 46.917 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

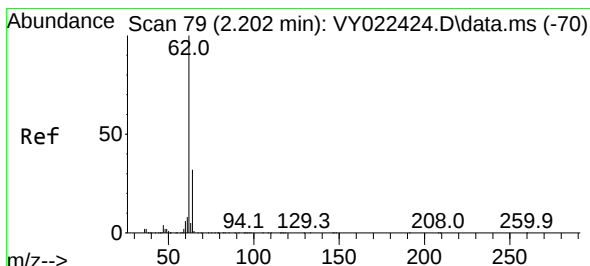
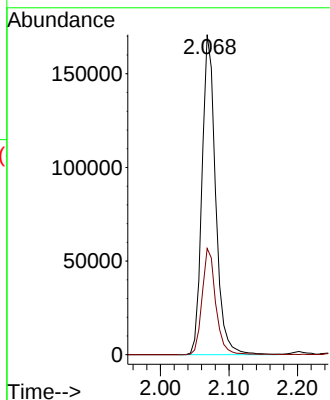
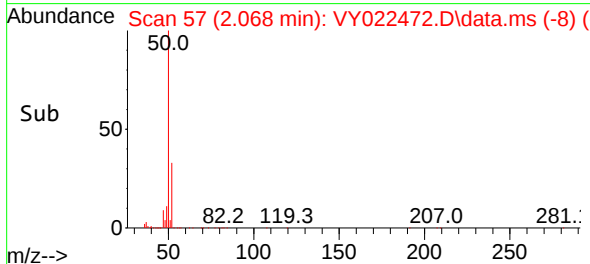
Instrument :
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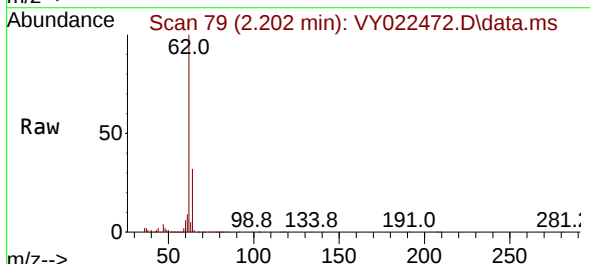
Tgt Ion: 50 Resp: 23653
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

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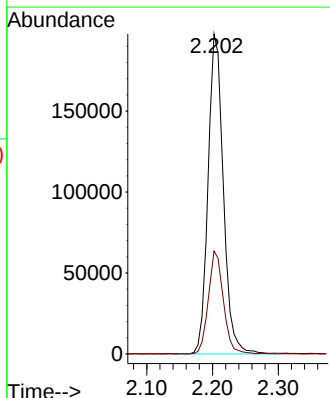
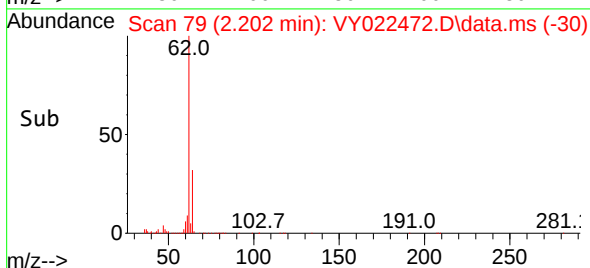
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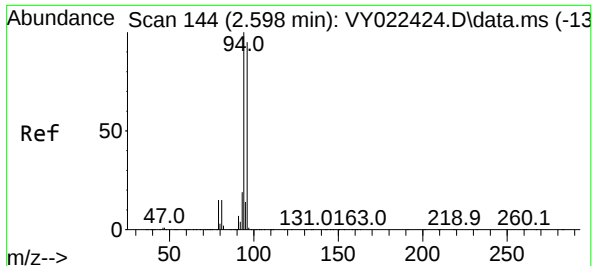


#4
Vinyl Chloride
Concen: 52.214 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



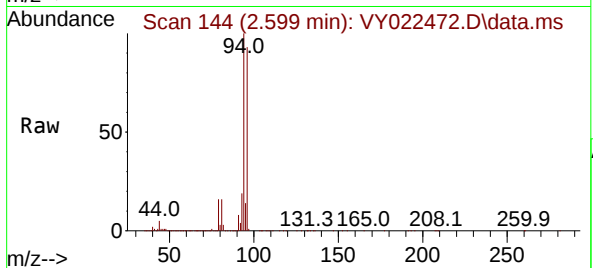
Tgt Ion: 62 Resp: 319792
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 48.545 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

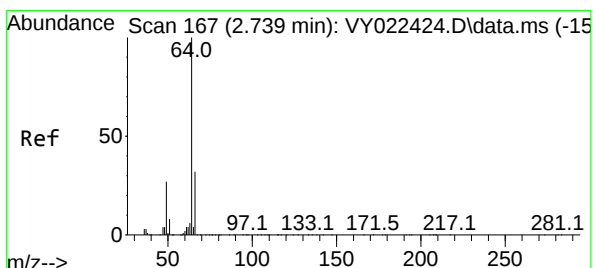
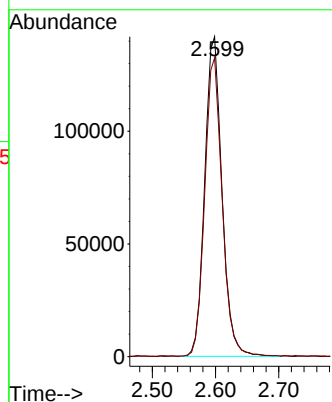
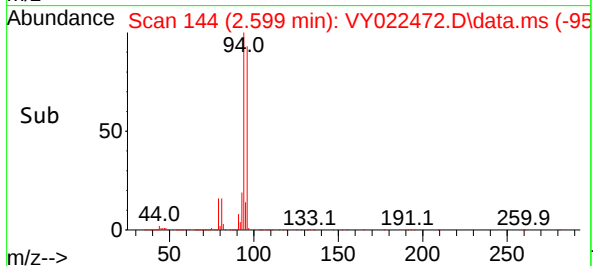
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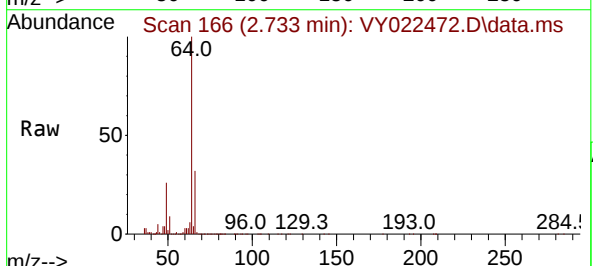
Tgt Ion: 94 Resp: 270180
Ion Ratio Lower Upper
94 100
96 93.3 76.0 114.0

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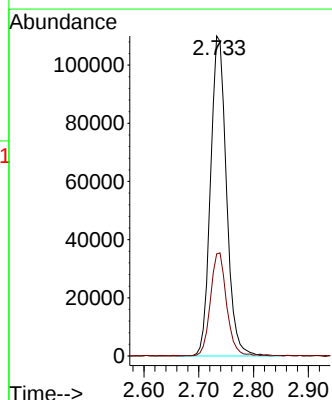
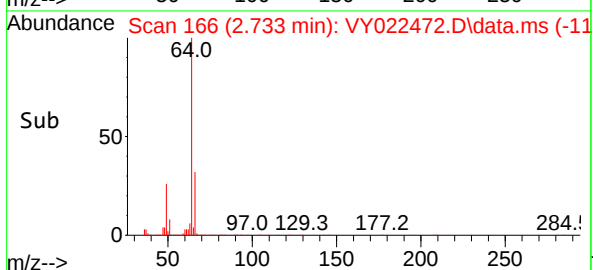
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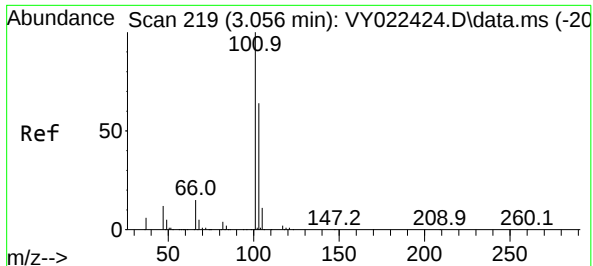


#6
Chloroethane
Concen: 55.336 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022472.D
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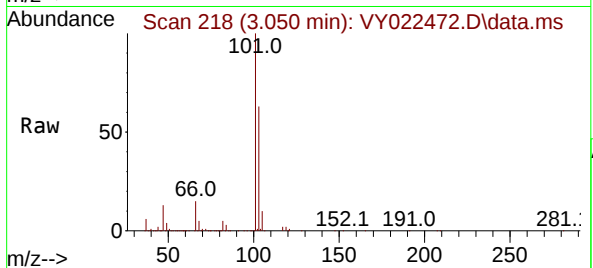
Tgt Ion: 64 Resp: 221468
Ion Ratio Lower Upper
64 100
66 31.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 54.215 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

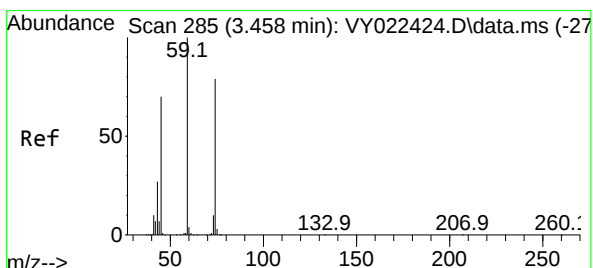
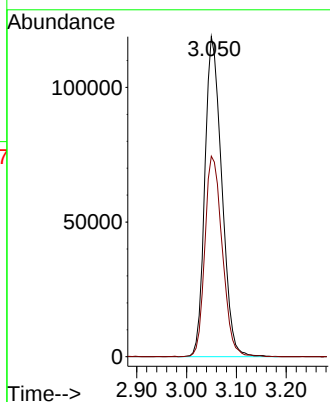
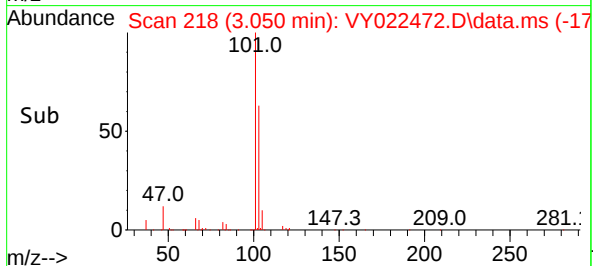
Instrument :
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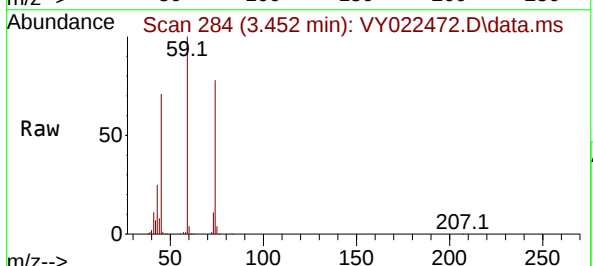
Tgt Ion:101 Resp: 280158
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3

Manual Integrations
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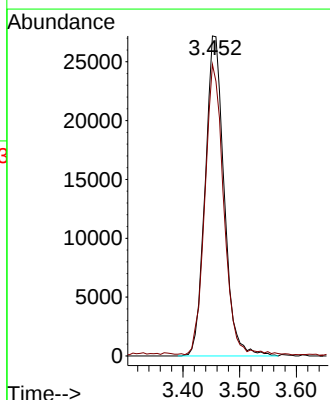
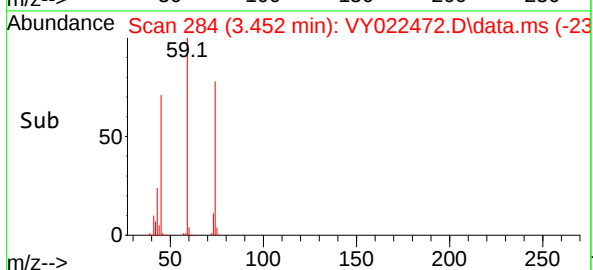
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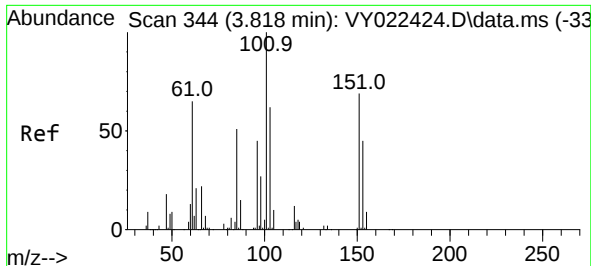


#8
Diethyl Ether
Concen: 53.028 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



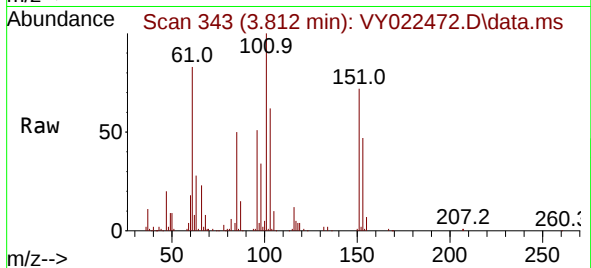
Tgt Ion: 74 Resp: 63183
Ion Ratio Lower Upper
74 100
45 90.3 44.9 134.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.700 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022472.D
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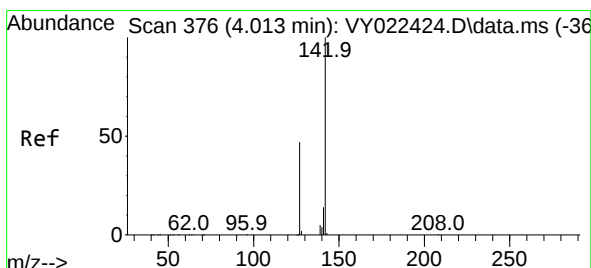
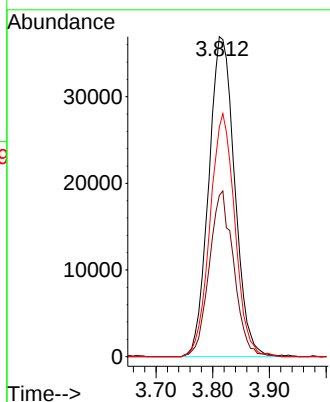
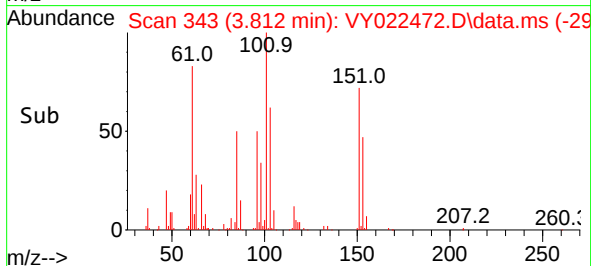
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11720
Ion Ratio Lower Upper
101 100
85 48.9 39.2 58.8
151 73.2 58.8 88.2

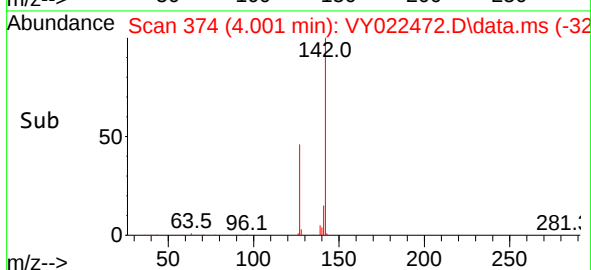
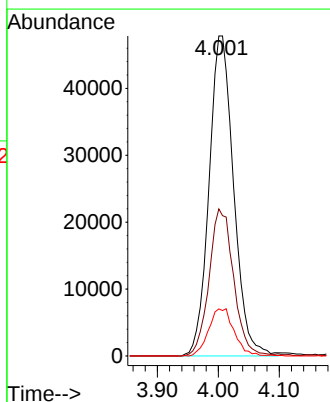
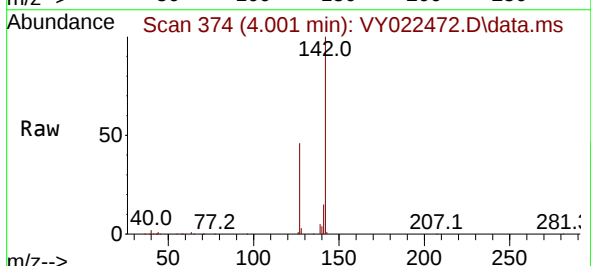
Manual Integrations
APPROVED

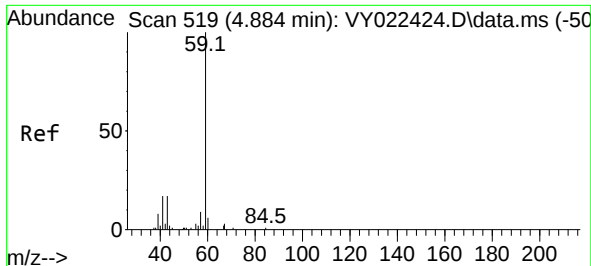
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#10
Methyl Iodide
Concen: 52.597 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion:142 Resp: 134525
Ion Ratio Lower Upper
142 100
127 45.7 36.2 54.4
141 15.2 11.6 17.4





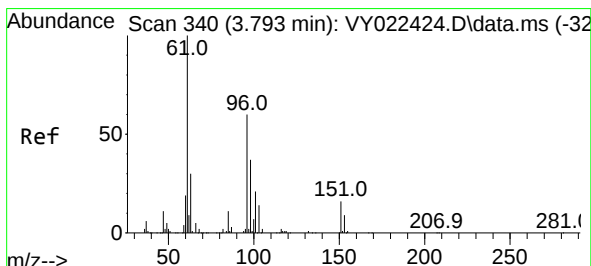
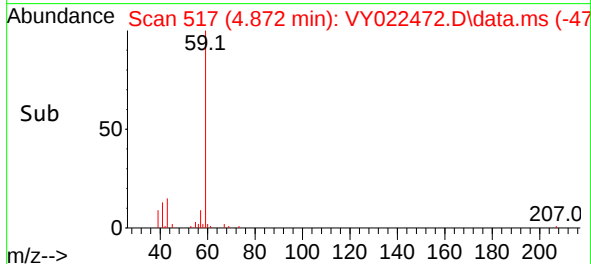
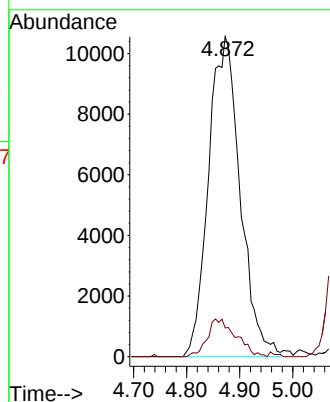
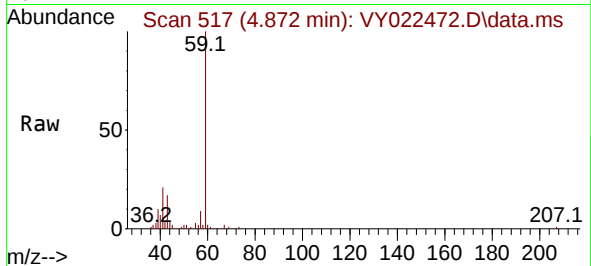
#11
Tert butyl alcohol
Concen: 274.048 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 43710
Ion Ratio Lower Upper
59 100
57 10.7 9.1 13.7

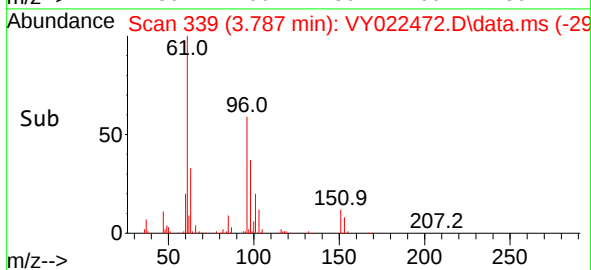
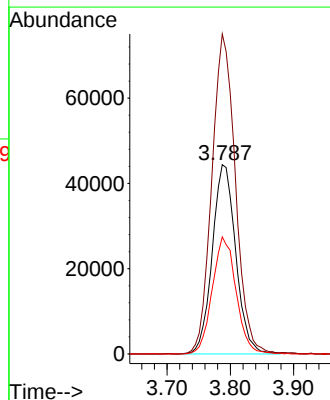
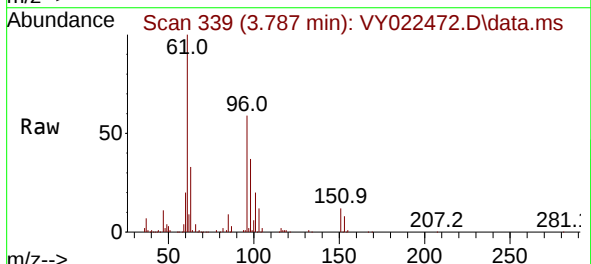
Manual Integrations
APPROVED

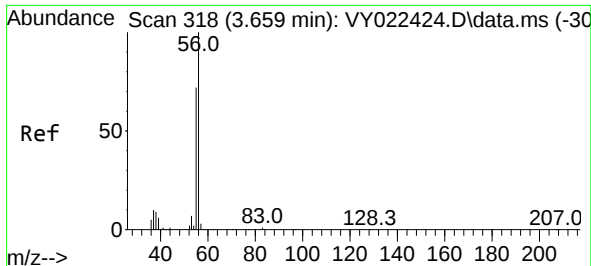
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#12
1,1-Dichloroethene
Concen: 50.900 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

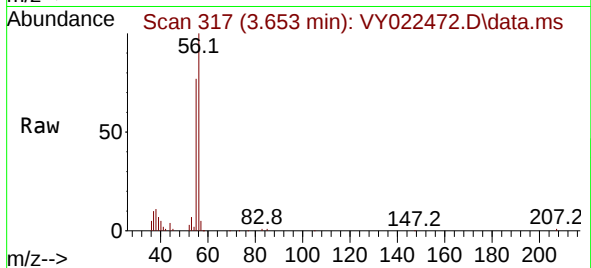
Tgt Ion: 96 Resp: 114564
Ion Ratio Lower Upper
96 100
61 169.0 134.1 201.1
98 61.9 50.2 75.2





#13
Acrolein
Concen: 197.364 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

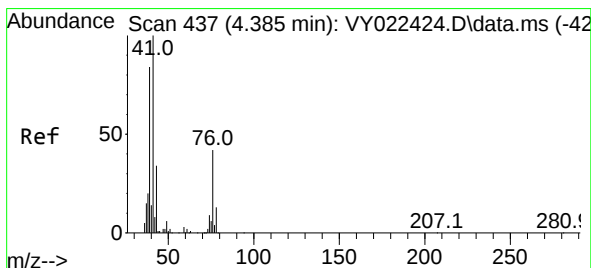
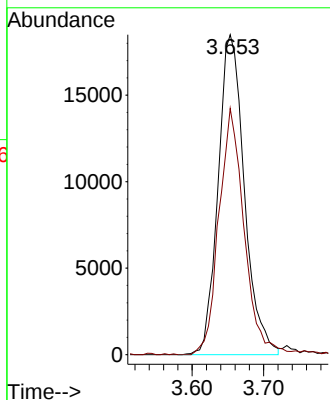
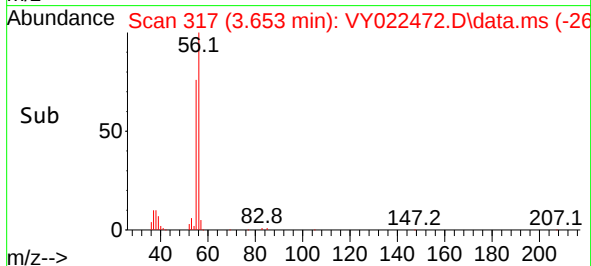
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



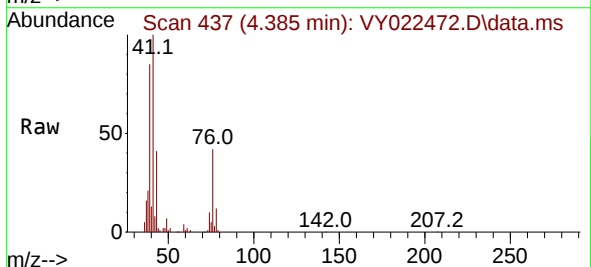
Tgt Ion: 56 Resp: 4716
Ion Ratio Lower Upper
56 100
55 73.8 56.5 84.7

Manual Integrations
APPROVED

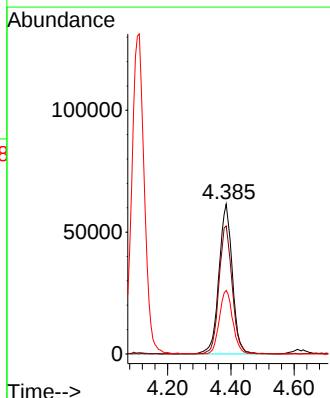
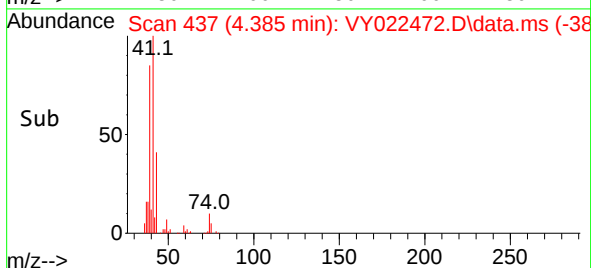
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

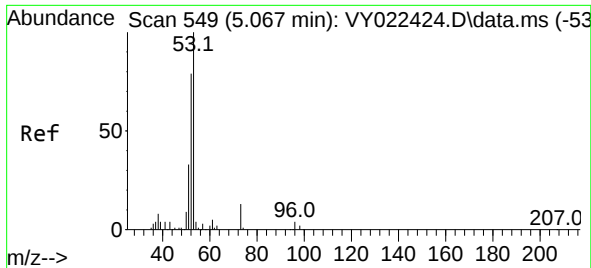


#14
Allyl chloride
Concen: 53.264 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



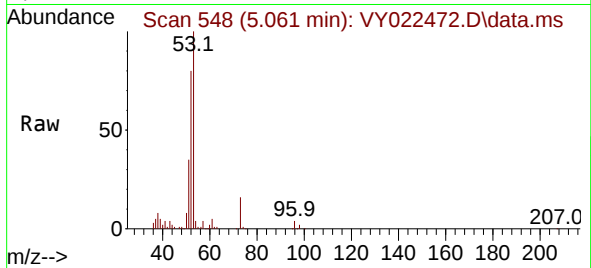
Tgt Ion: 41 Resp: 180338
Ion Ratio Lower Upper
41 100
39 84.0 66.6 100.0
76 42.3 33.7 50.5





#15
Acrylonitrile
Concen: 275.441 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

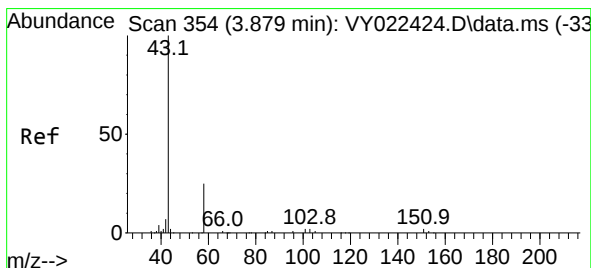
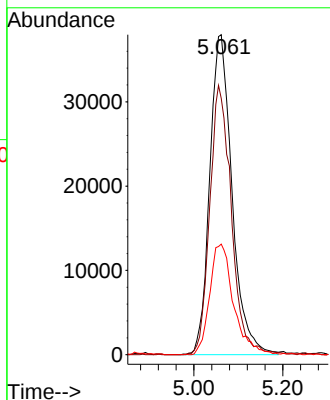
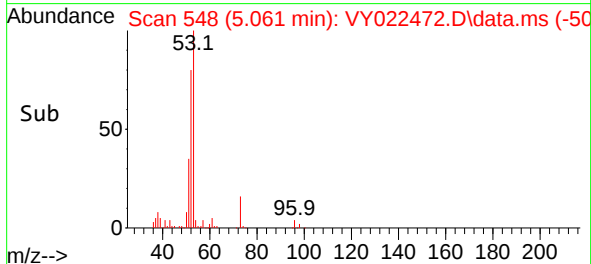
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 132280
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 37.0 30.0 45.0

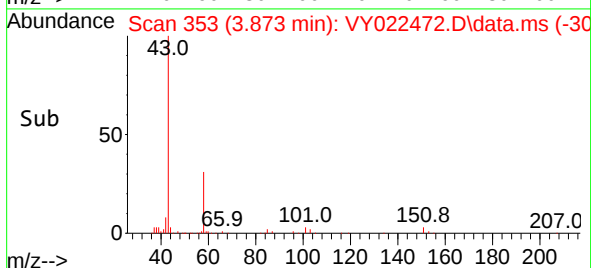
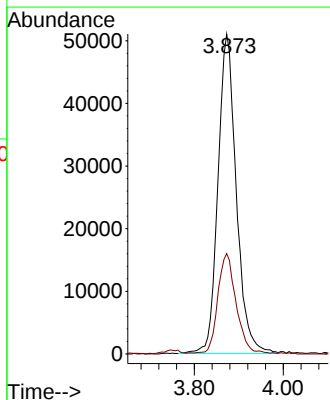
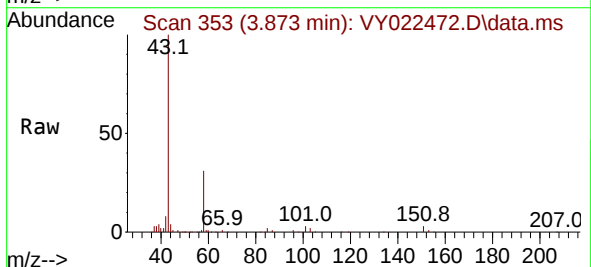
Manual Integrations
APPROVED

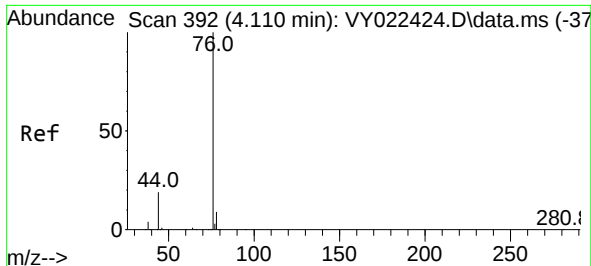
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#16
Acetone
Concen: 391.791 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

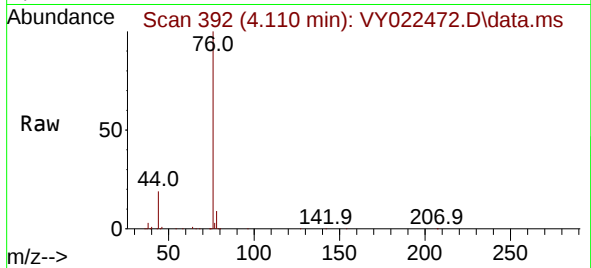
Tgt Ion: 43 Resp: 145680
Ion Ratio Lower Upper
43 100
58 31.2 20.6 30.8#





#17
Carbon Disulfide
Concen: 49.975 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

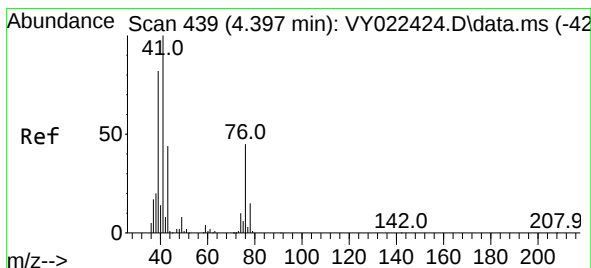
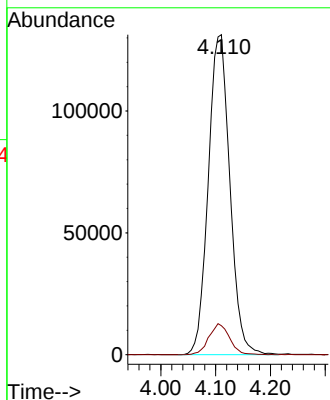
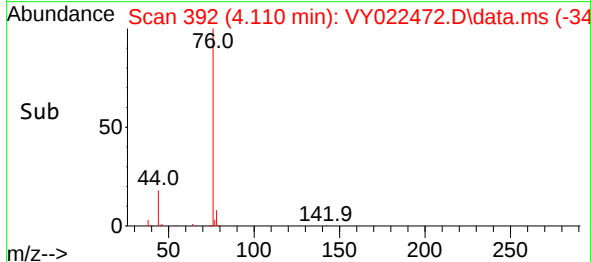
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



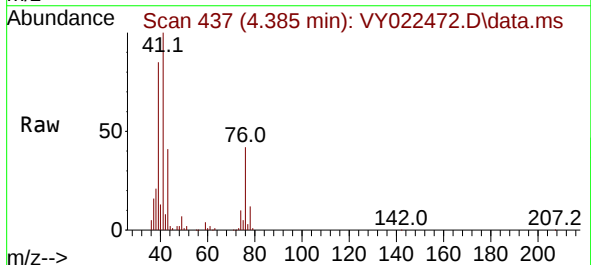
Tgt Ion: 76 Resp: 358960
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

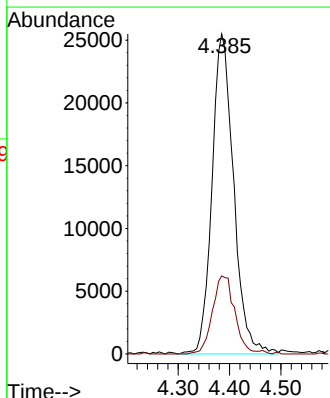
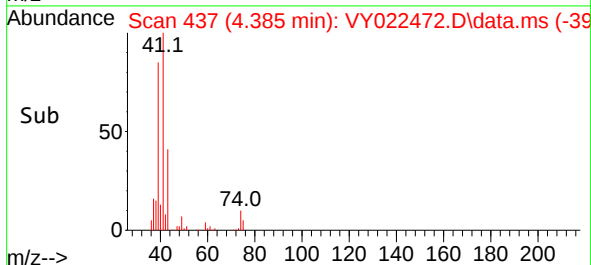
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

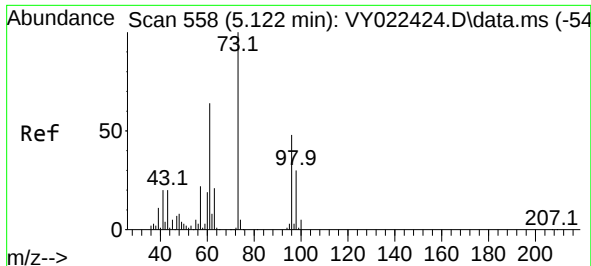


#18
Methyl Acetate
Concen: 53.473 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



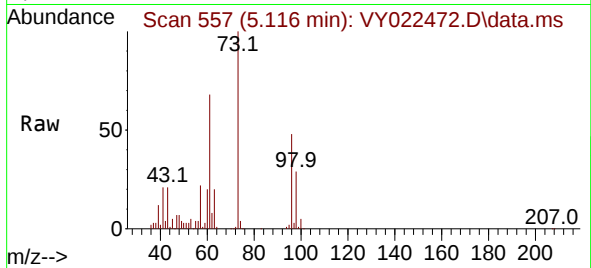
Tgt Ion: 43 Resp: 74480
Ion Ratio Lower Upper
43 100
74 24.9 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 52.305 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

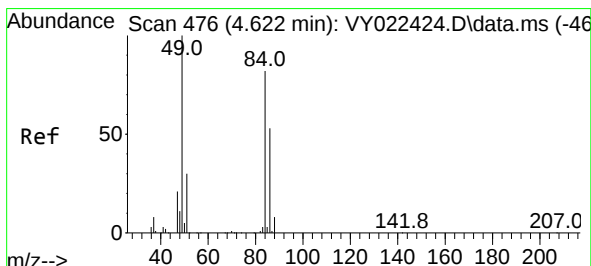
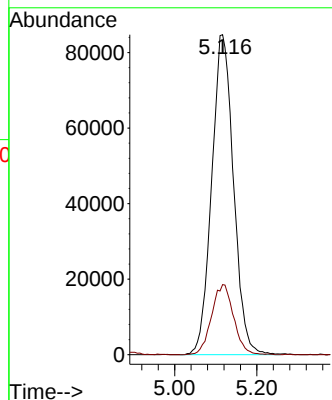
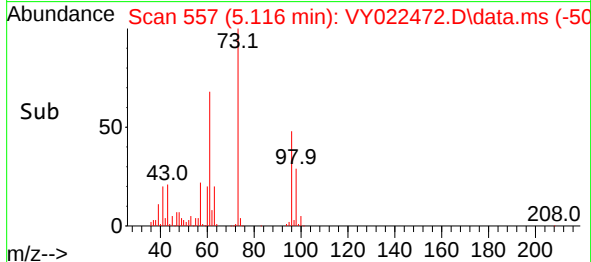
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 31255
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

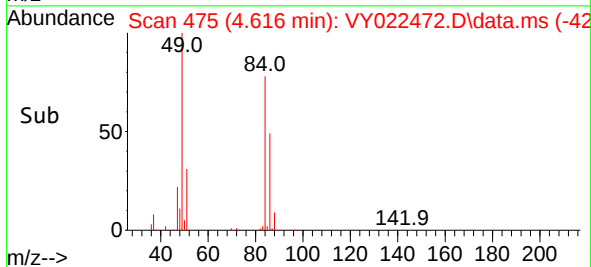
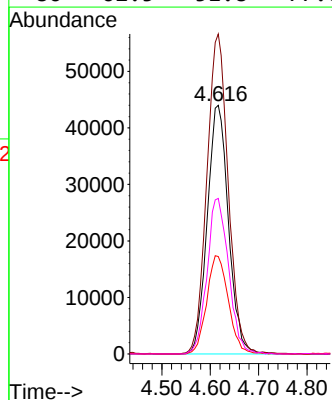
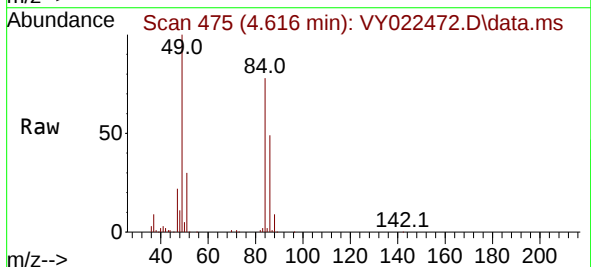
Manual Integrations
APPROVED

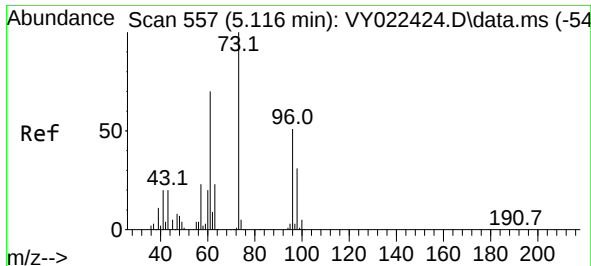
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#20
Methylene Chloride
Concen: 51.033 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

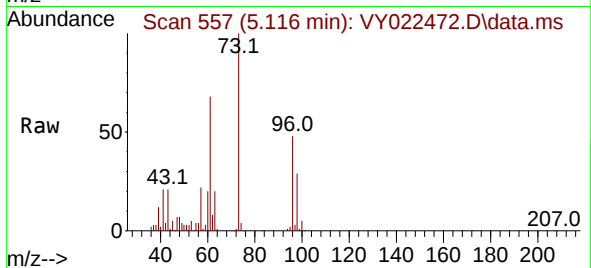
Tgt Ion: 84 Resp: 133998
Ion Ratio Lower Upper
84 100
49 128.7 97.8 146.8
51 39.2 29.5 44.3
86 62.5 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 50.343 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

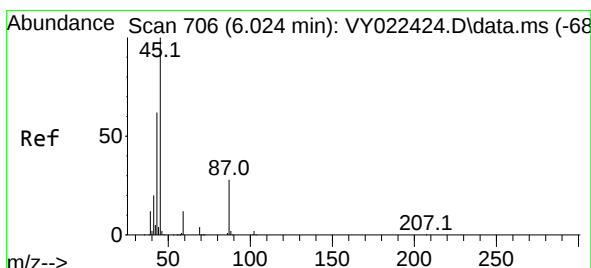
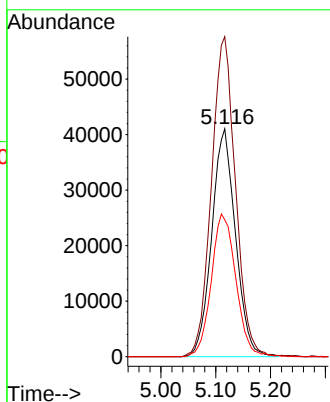
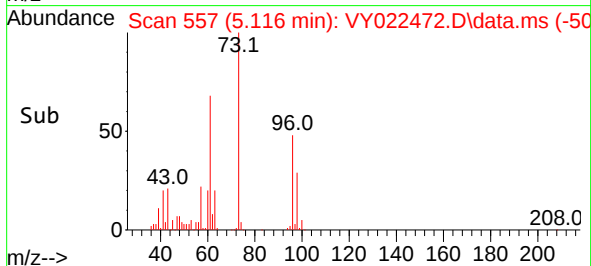
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12370
Ion Ratio Lower Upper
96 100
61 140.4 110.4 165.6
98 60.1 48.6 73.0

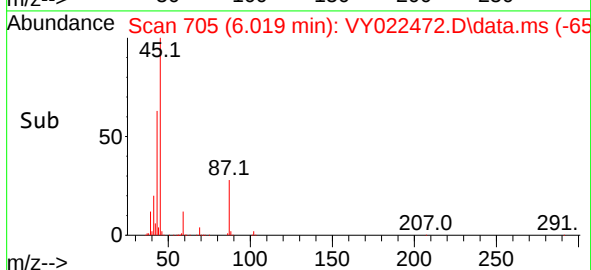
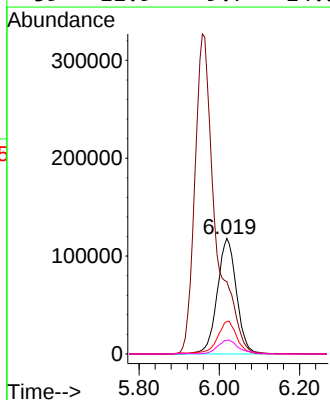
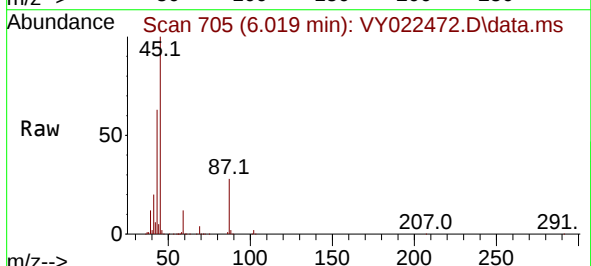
Manual Integrations
APPROVED

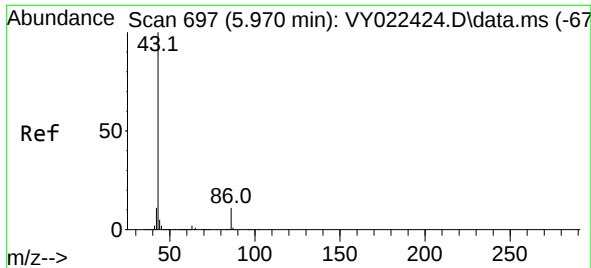
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#22
Diisopropyl ether
Concen: 52.442 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

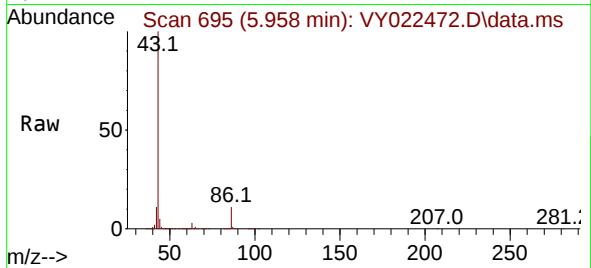
Tgt Ion: 45 Resp: 391867
Ion Ratio Lower Upper
45 100
43 62.3 49.8 74.8
87 28.0 23.0 34.6
59 11.9 9.7 14.5





#23
 Vinyl Acetate
 Concen: 270.813 ug/l
 RT: 5.958 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20

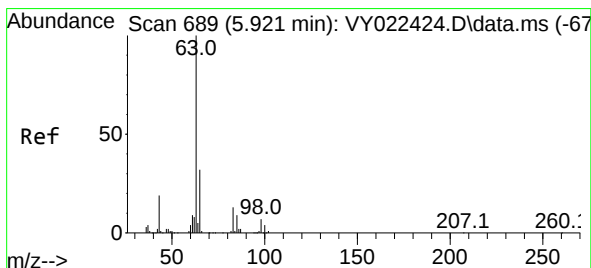
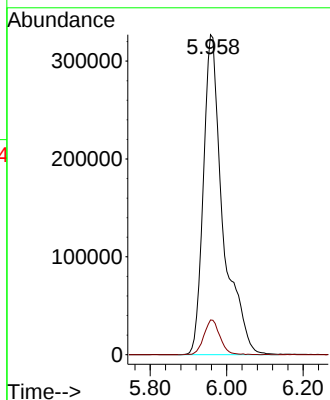
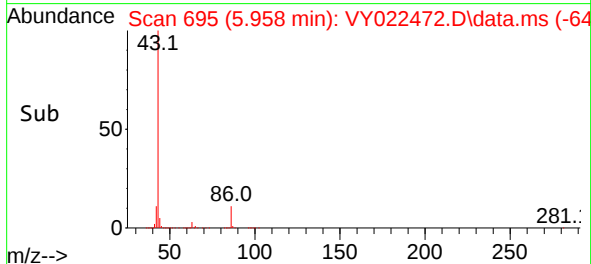
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



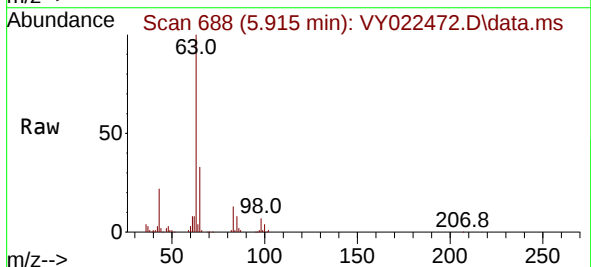
Tgt Ion: 43 Resp: 1161930
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2

Manual Integrations
 APPROVED

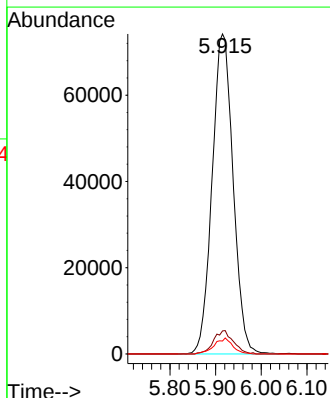
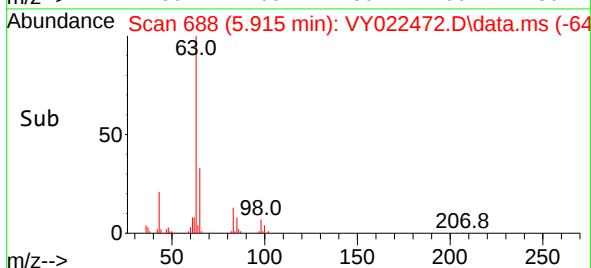
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

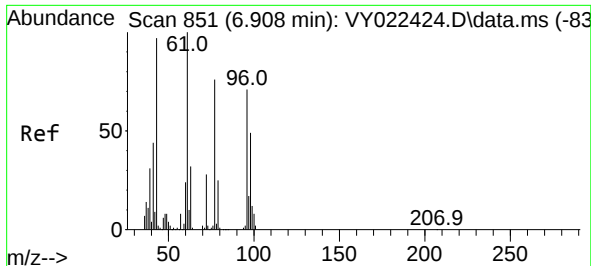


#24
 1,1-Dichloroethane
 Concen: 53.595 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20



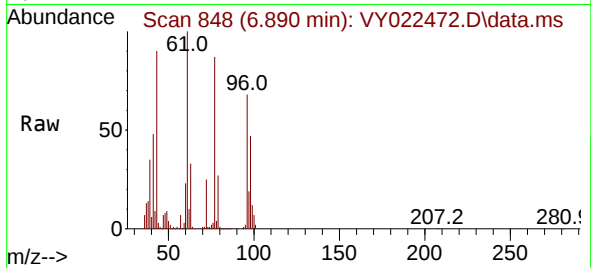
Tgt Ion: 63 Resp: 236649
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 306.209 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

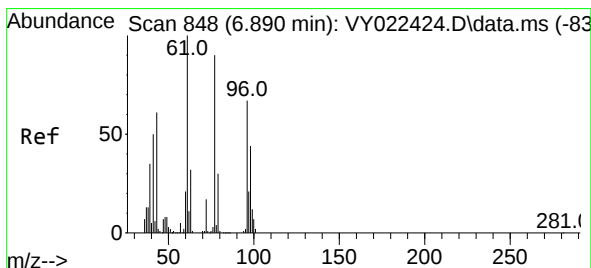
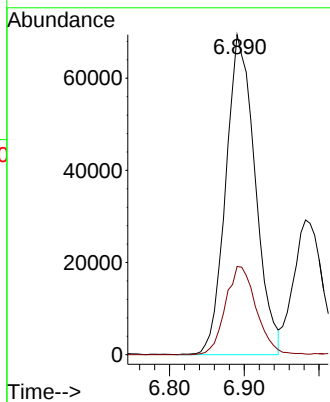
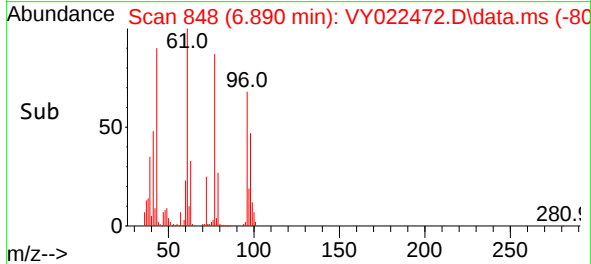
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



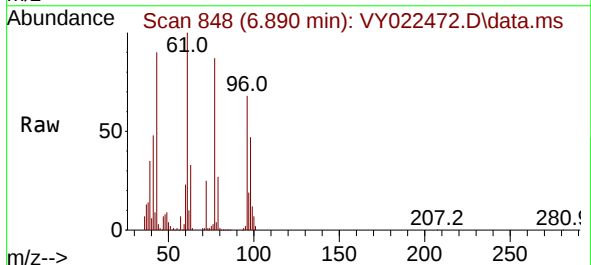
Tgt Ion: 43 Resp: 18962
Ion Ratio Lower Upper
43 100
72 27.5 22.8 34.2

Manual Integrations
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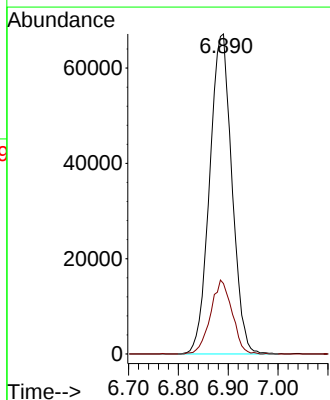
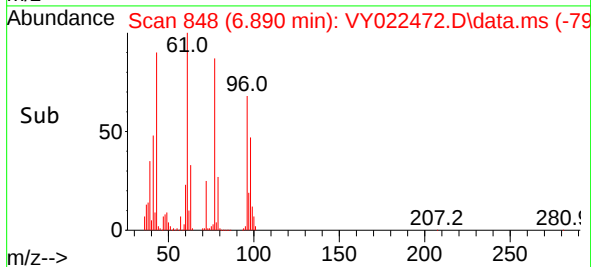
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

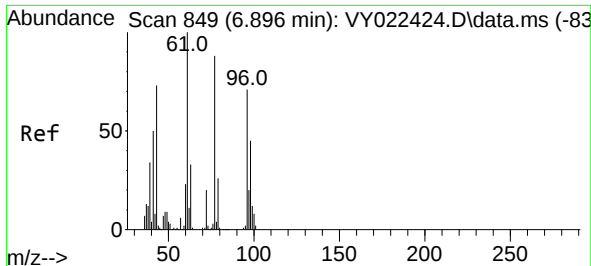


#26
2,2-Dichloropropane
Concen: 52.118 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



Tgt Ion: 77 Resp: 208375
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 51.226 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 145719

Ion Ratio Lower Upper

96 100

61 149.4 0.0 292.0

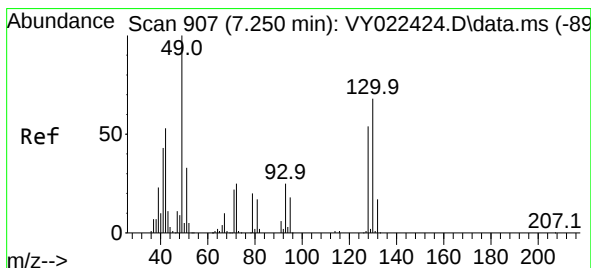
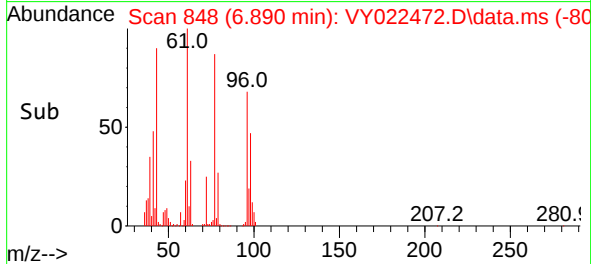
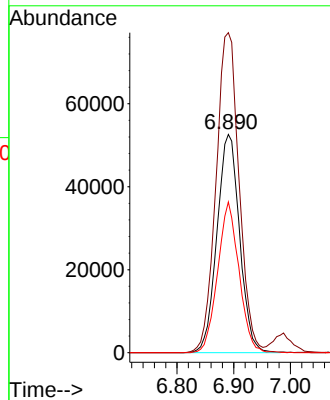
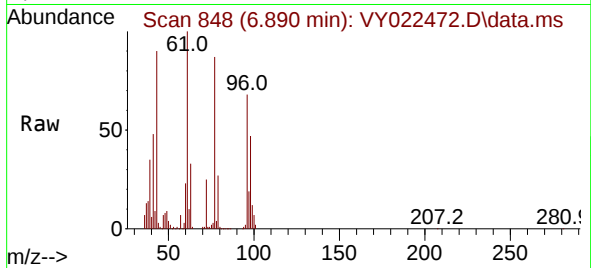
98 65.3 0.0 131.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#28

Bromochloromethane

Concen: 55.243 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

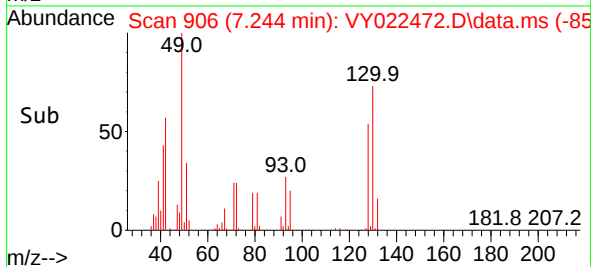
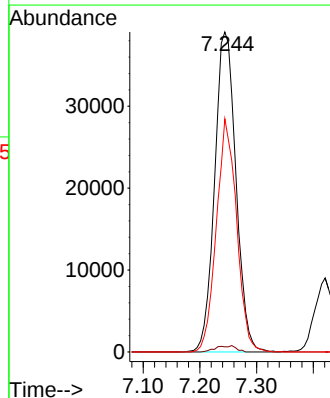
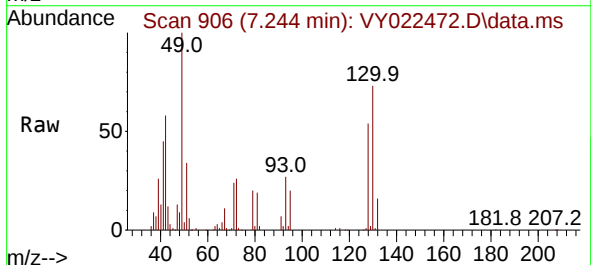
Tgt Ion: 49 Resp: 101857

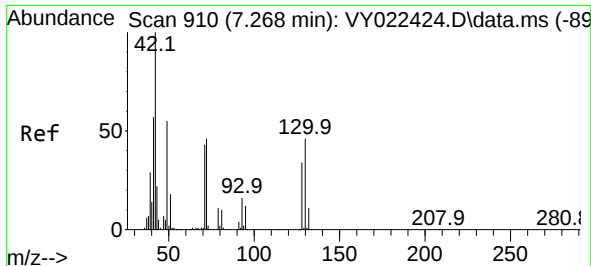
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 69.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 272.968 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 112734

Ion Ratio Lower Upper

42 100

72 46.4 37.7 56.5

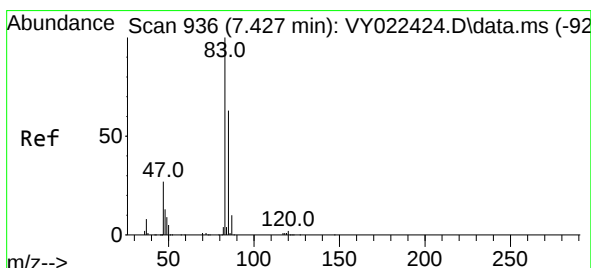
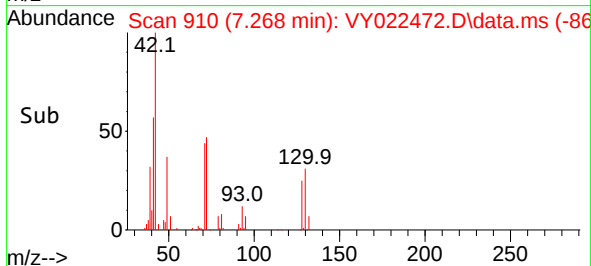
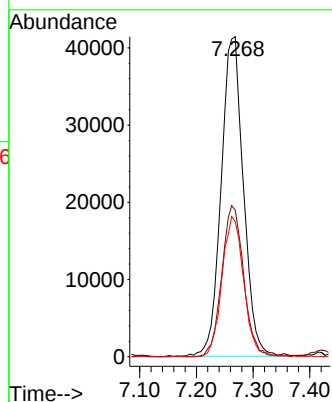
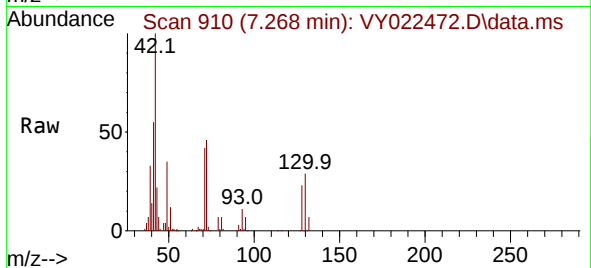
71 42.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#30

Chloroform

Concen: 53.056 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022472.D

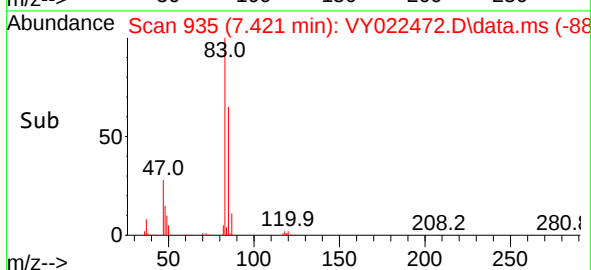
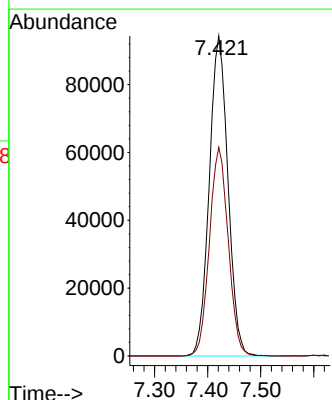
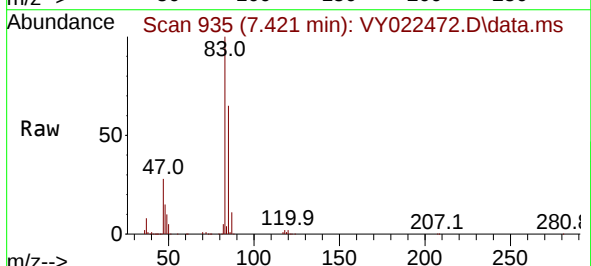
Acq: 30 May 2025 11:20

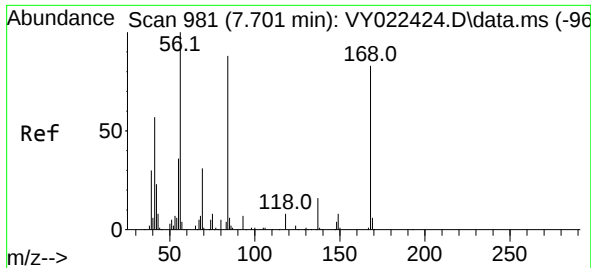
Tgt Ion: 83 Resp: 230841

Ion Ratio Lower Upper

83 100

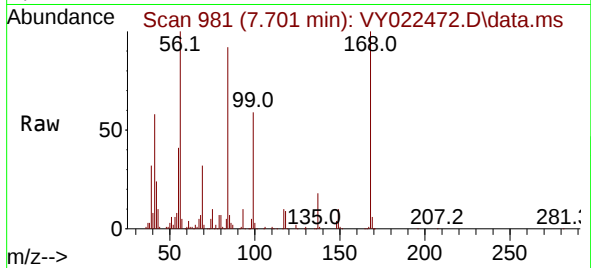
85 65.2 50.1 75.1





#31
Cyclohexane
Concen: 48.596 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

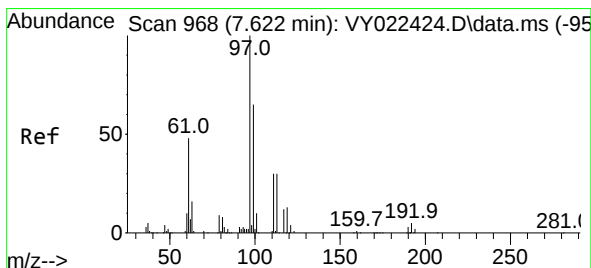
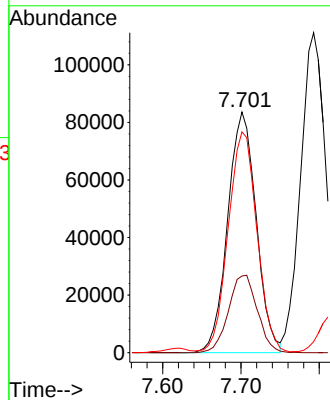
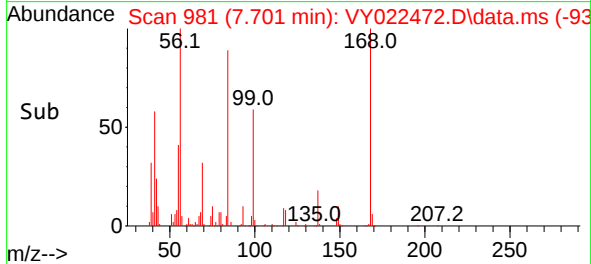
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



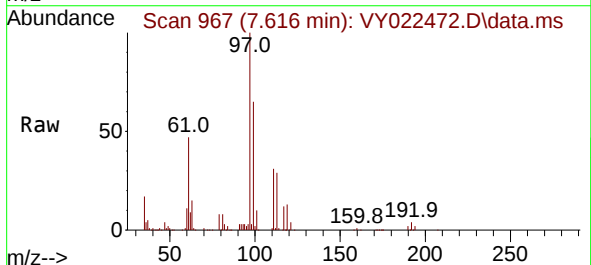
Tgt Ion: 56 Resp: 211518
Ion Ratio Lower Upper
56 100
69 31.8 24.6 36.8
84 89.8 70.4 105.6

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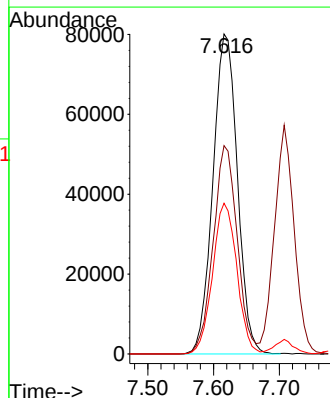
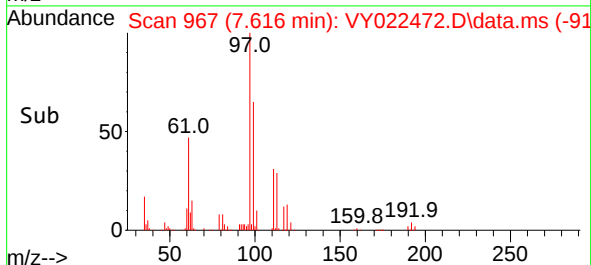
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

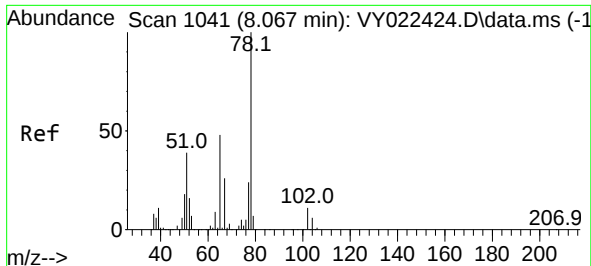


#32
1,1,1-Trichloroethane
Concen: 52.539 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



Tgt Ion: 97 Resp: 207459
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 46.8 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 54.271 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 122804

Ion Ratio Lower Upper

65 100

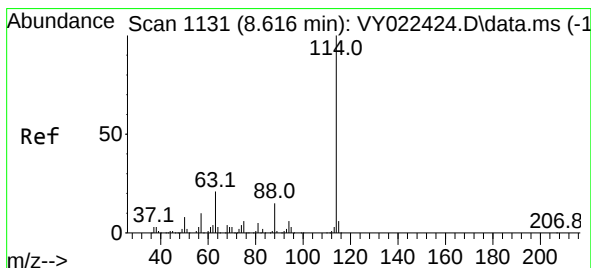
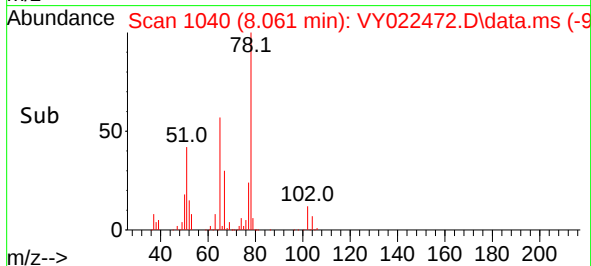
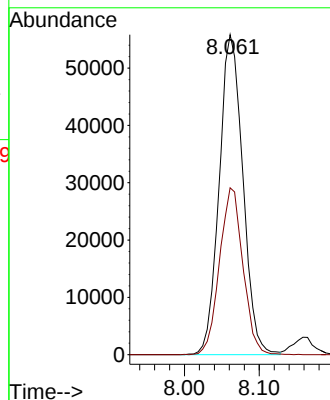
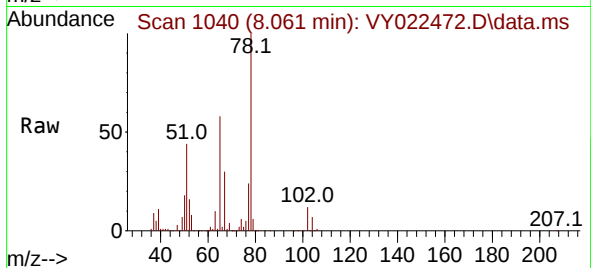
67 51.6 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

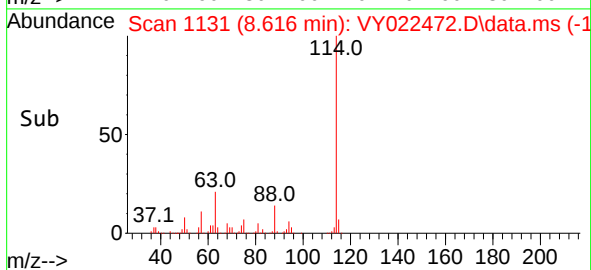
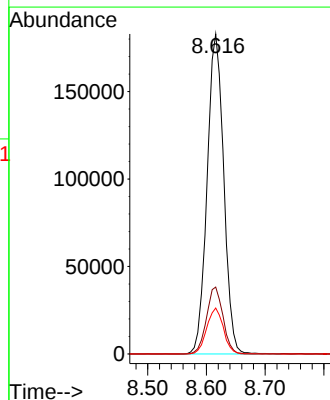
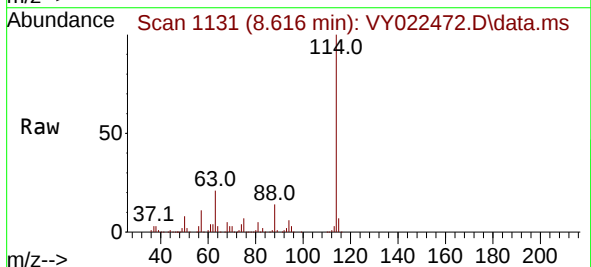
Tgt Ion:114 Resp: 359018

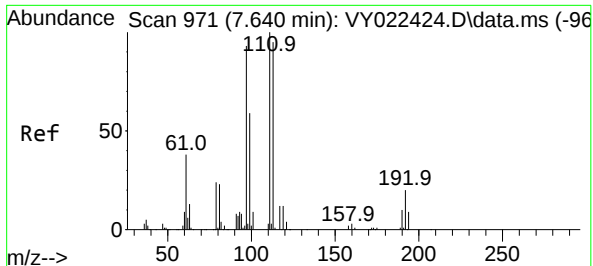
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 14.4 0.0 29.4





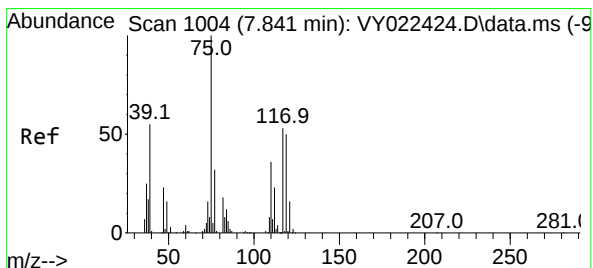
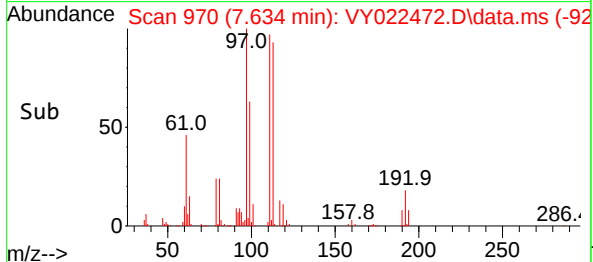
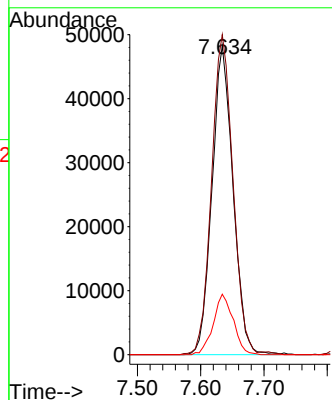
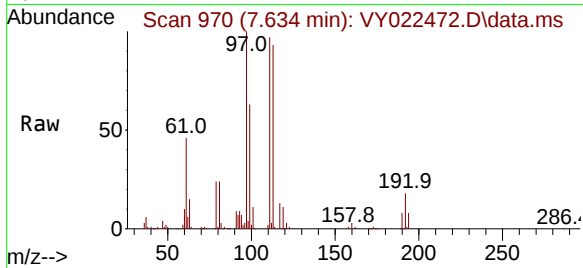
#35
Dibromofluoromethane
Concen: 52.802 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 111018
Ion Ratio Lower Upper
113 100
111 105.9 82.4 123.6
192 18.7 15.2 22.8

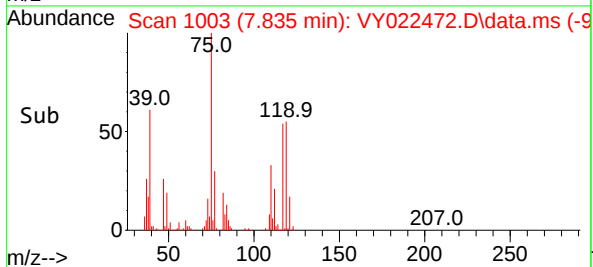
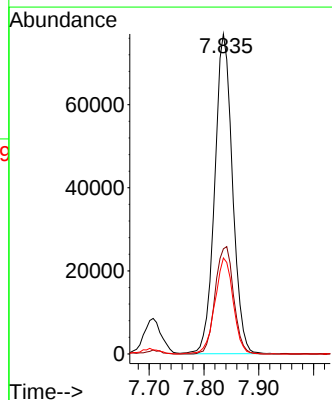
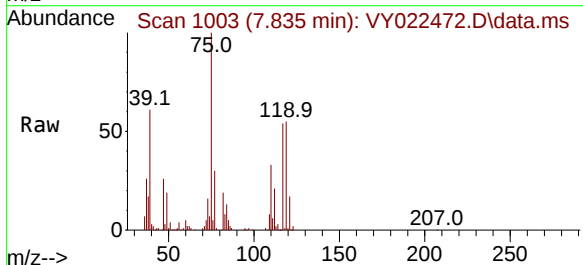
Manual Integrations
APPROVED

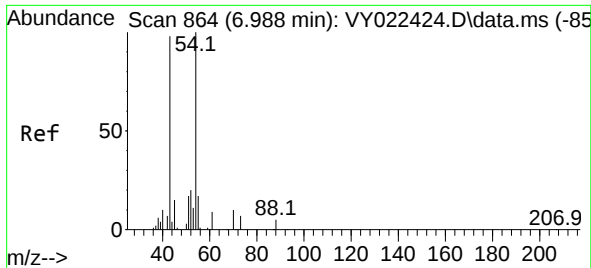
Reviewed By :John Carbone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#36
1,1-Dichloropropene
Concen: 51.991 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion: 75 Resp: 173461
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.2
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 56.957 ug/l

RT: 6.982 min Scan# 807

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

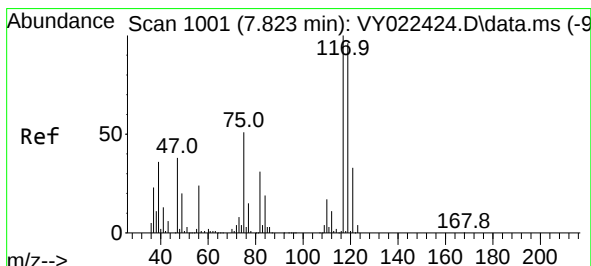
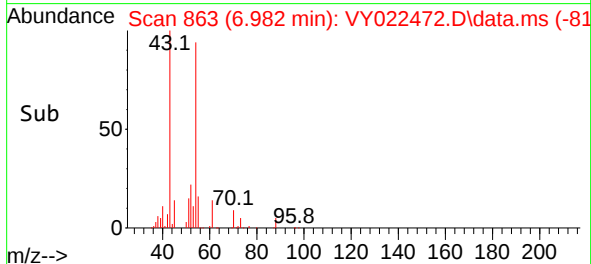
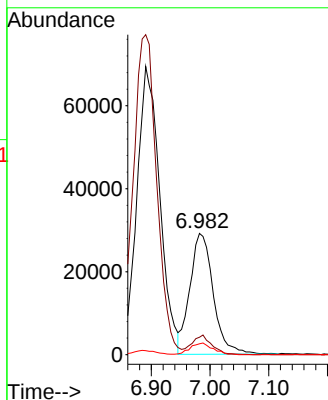
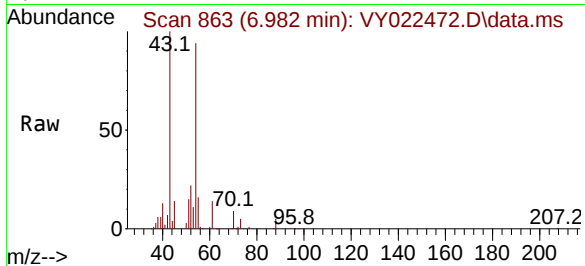
Tgt Ion: 43	Resp: 8075
Ion Ratio	Lower Upper
43 100	
61 14.1	11.7 17.5
70 9.3	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#38

Carbon Tetrachloride

Concen: 51.575 ug/l

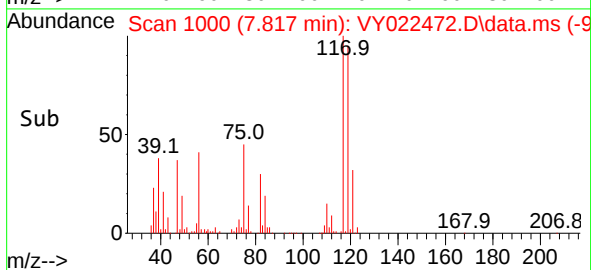
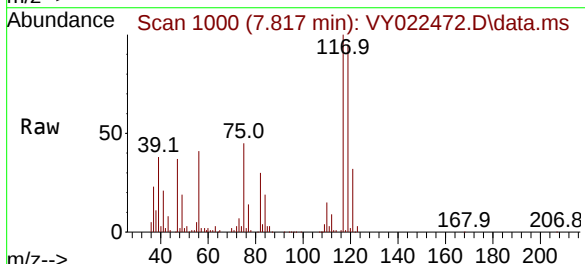
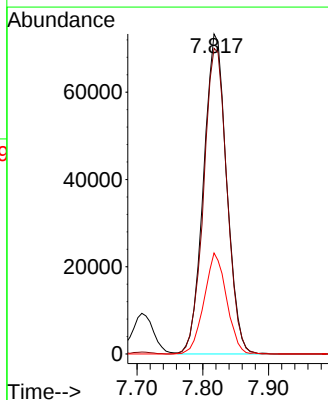
RT: 7.817 min Scan# 1000

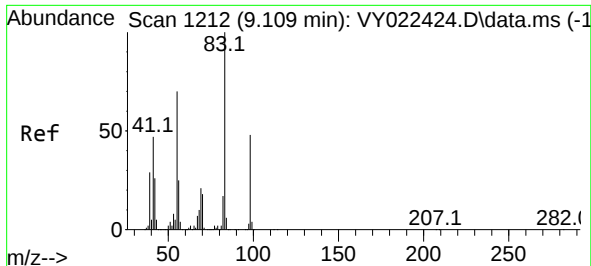
Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Tgt Ion:117	Resp: 179250
Ion Ratio	Lower Upper
117 100	
119 95.5	76.3 114.5
121 31.6	26.1 39.1





#39

Methylcyclohexane

Concen: 51.401 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

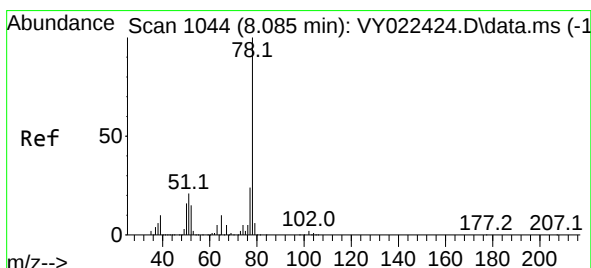
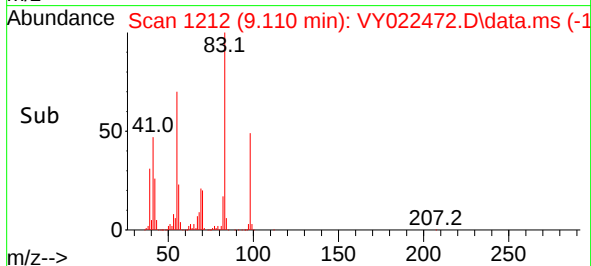
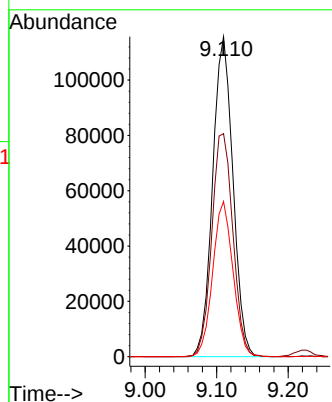
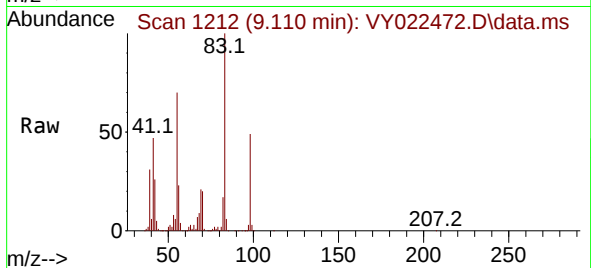
Tgt Ion: 83	Resp: 22795
Ion Ratio	Lower Upper
83 100	
55 69.7	56.2 84.2
98 48.5	38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#40

Benzene

Concen: 52.505 ug/l

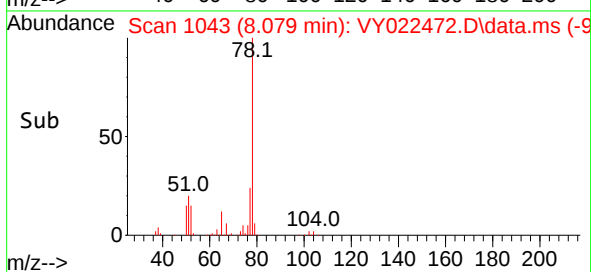
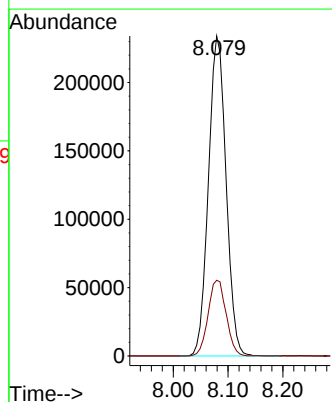
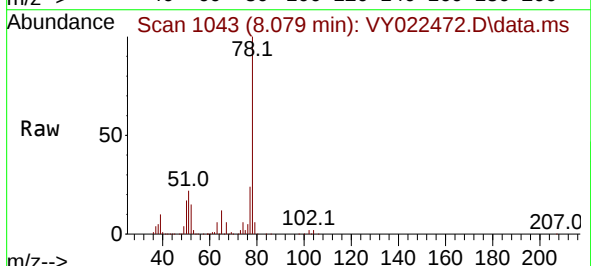
RT: 8.079 min Scan# 1043

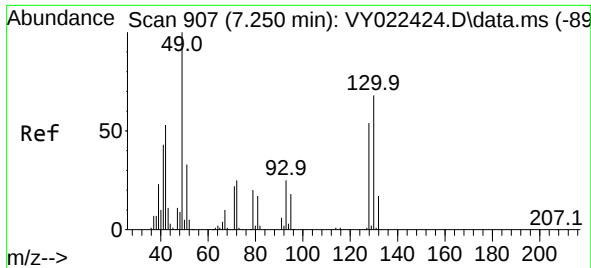
Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

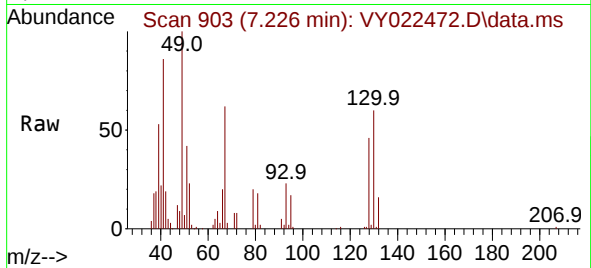
Tgt Ion: 78	Resp: 521250
Ion Ratio	Lower Upper
78 100	
77 23.7	19.4 29.2





#41
Methacrylonitrile
Concen: 46.717 ug/l m
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

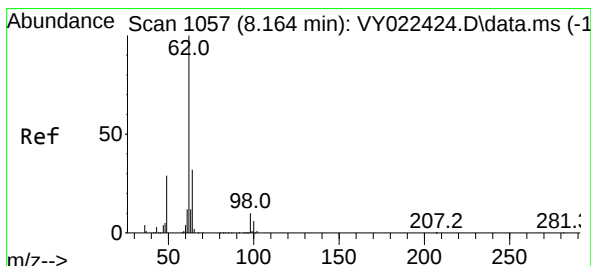
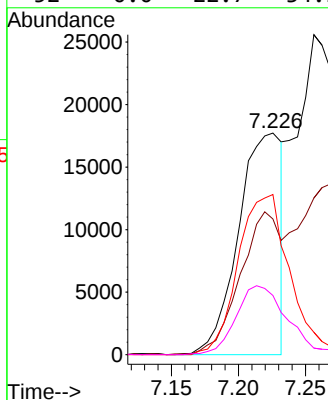
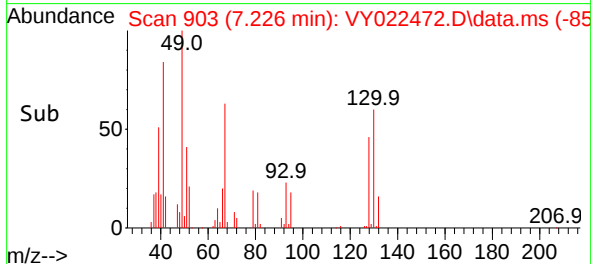
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



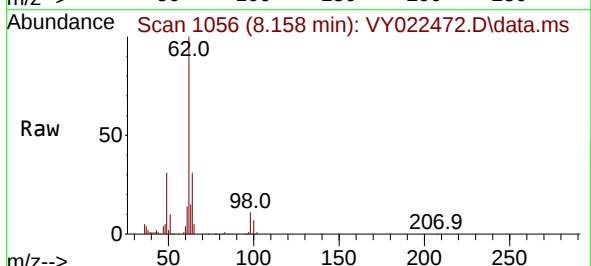
Tgt Ion: 41 Resp: 40204
Ion Ratio Lower Upper
41 100
39 74.9 40.4 60.6
67 0.0 53.0 79.4
52 0.0 22.7 34.1

Manual Integrations
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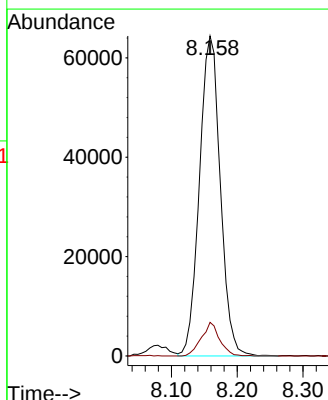
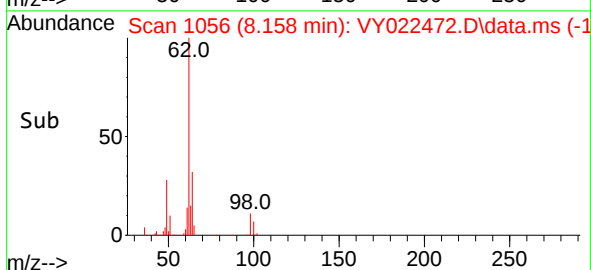
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

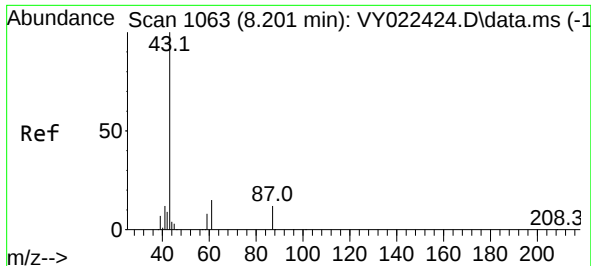


#42
1,2-Dichloroethane
Concen: 54.198 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



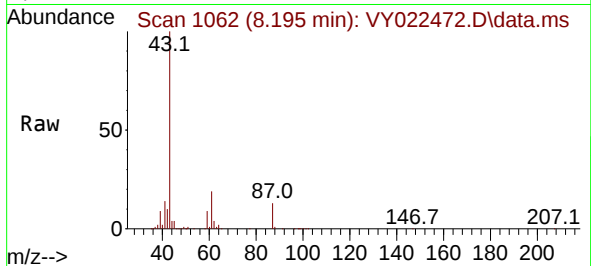
Tgt Ion: 62 Resp: 142105
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43
Isopropyl Acetate
Concen: 54.741 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

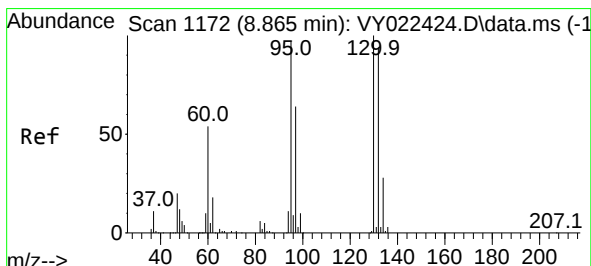
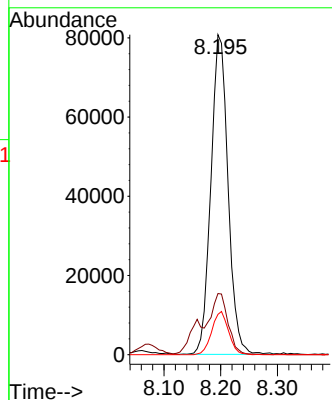
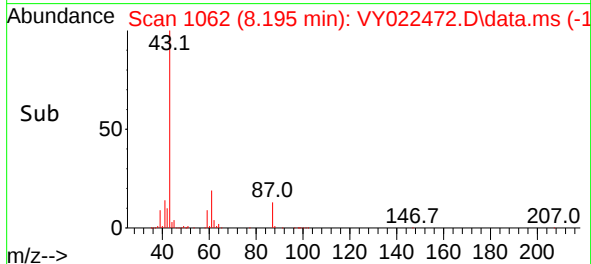
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 169608
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 13.2 10.6 15.8

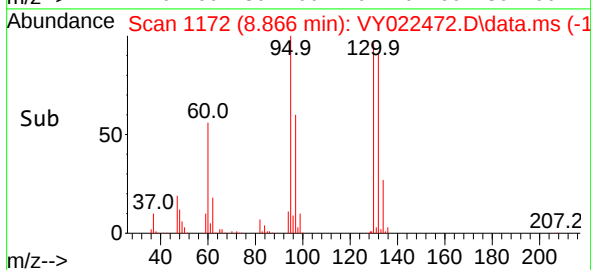
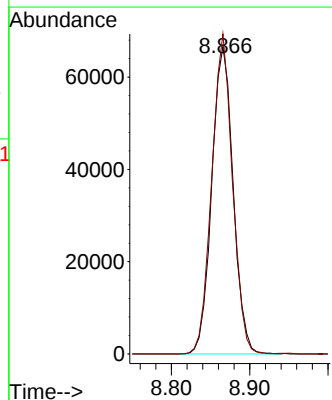
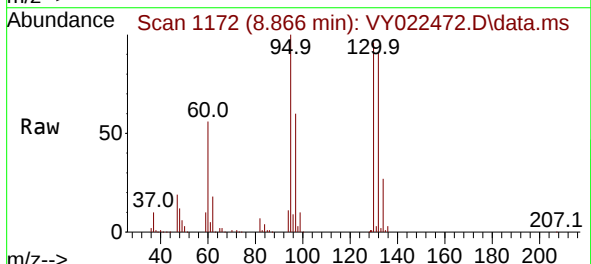
Manual Integrations
APPROVED

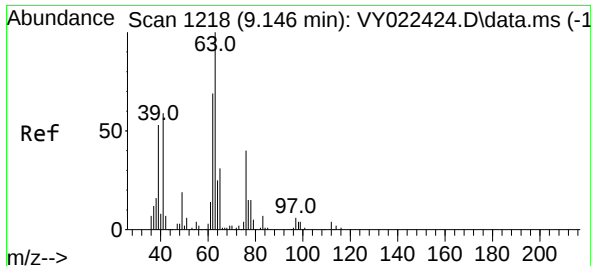
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#44
Trichloroethene
Concen: 51.388 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion:130 Resp: 126115
Ion Ratio Lower Upper
130 100
95 104.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.028 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 123689

Ion Ratio Lower Upper

63 100

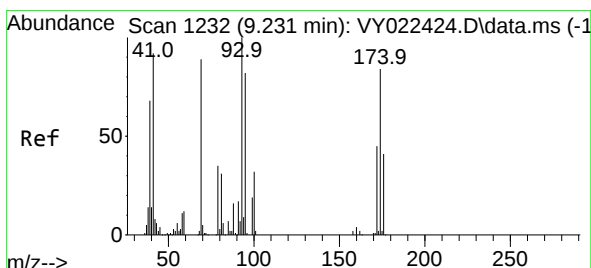
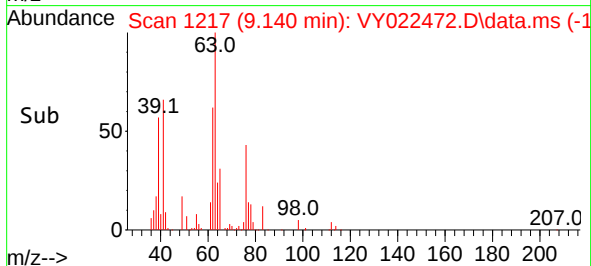
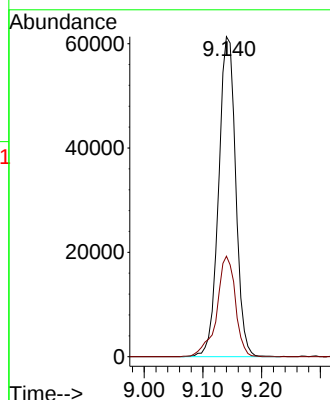
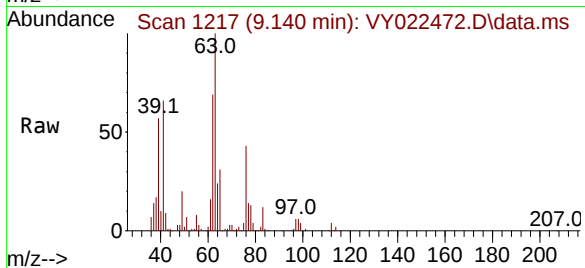
65 31.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#46

Dibromomethane

Concen: 53.273 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

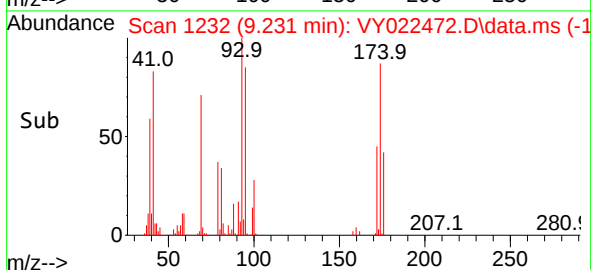
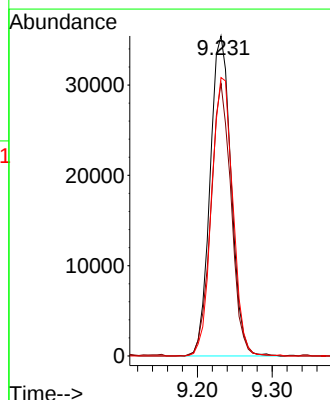
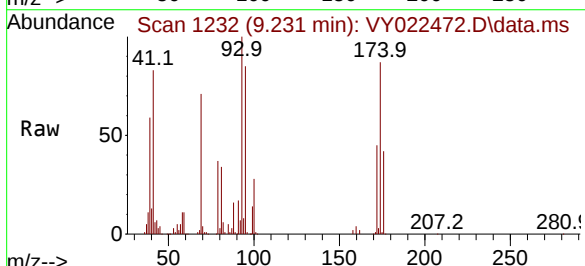
Tgt Ion: 93 Resp: 69415

Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

174 87.8 71.1 106.7





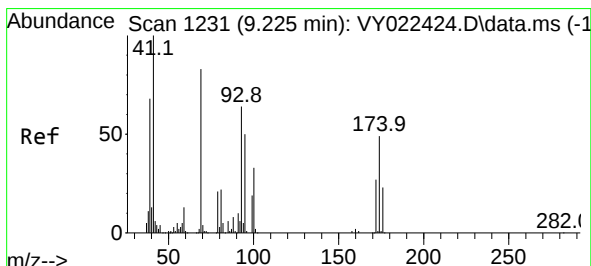
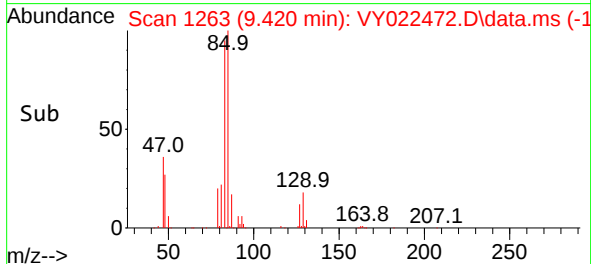
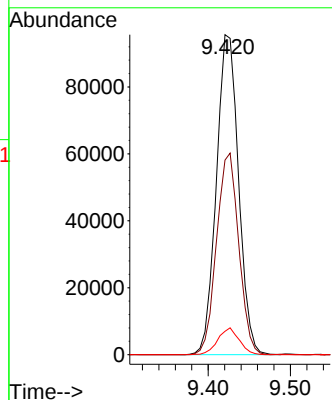
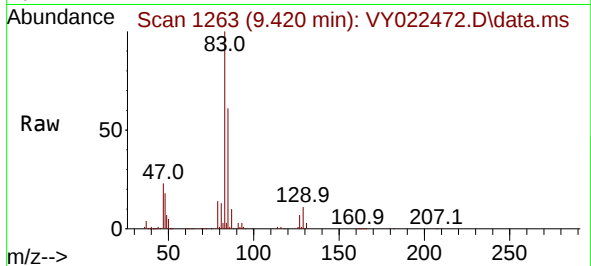
#47
Bromodichloromethane
Concen: 53.501 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17926
Ion Ratio Lower Upper
83 100
85 60.8 49.8 74.6
127 7.3 6.6 9.8

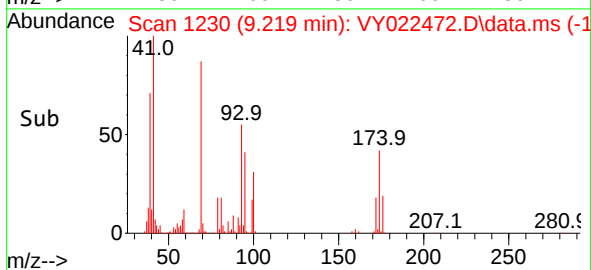
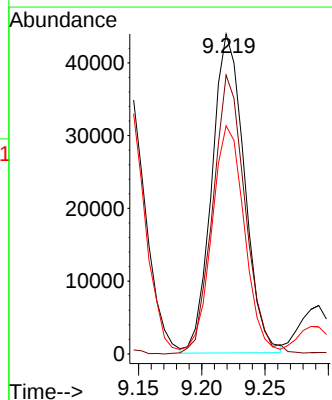
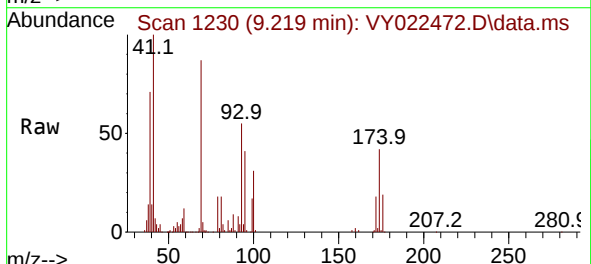
Manual Integrations
APPROVED

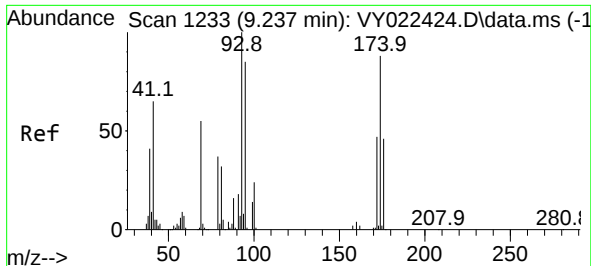
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#48
Methyl methacrylate
Concen: 54.537 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion: 41 Resp: 78438
Ion Ratio Lower Upper
41 100
69 86.6 70.3 105.5
39 69.1 55.4 83.0





#49

1,4-Dioxane

Concen: 1057.597 ug/l

RT: 9.231 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

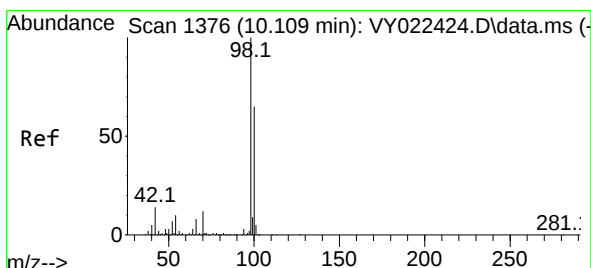
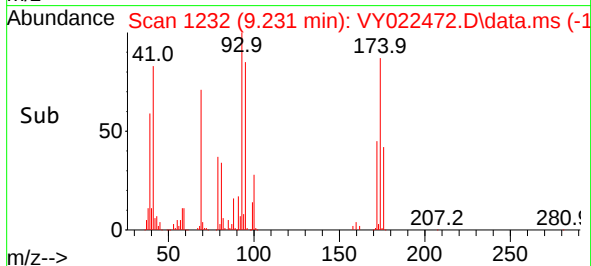
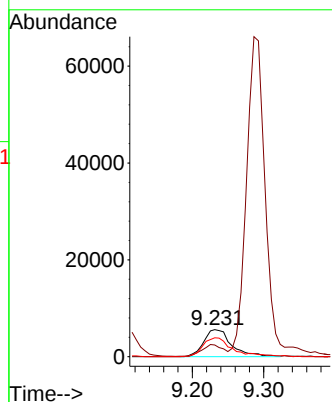
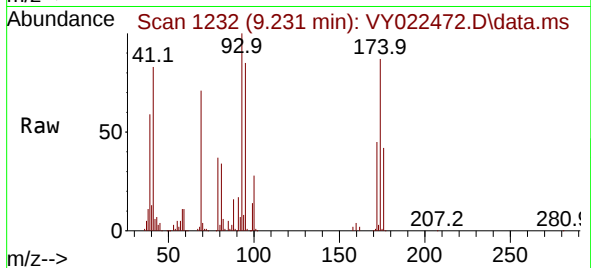
Tgt Ion: 88	Resp: 1522
Ion Ratio	Lower Upper
88	100
43	31.7 26.9 40.3
58	74.5 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#50

Toluene-d8

Concen: 52.995 ug/l

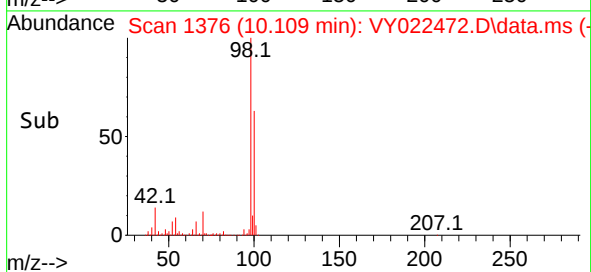
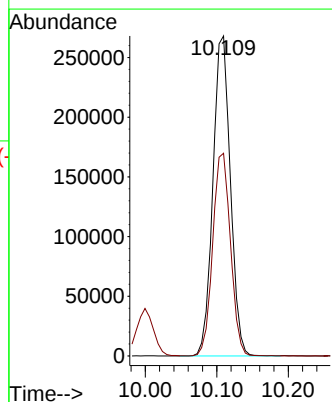
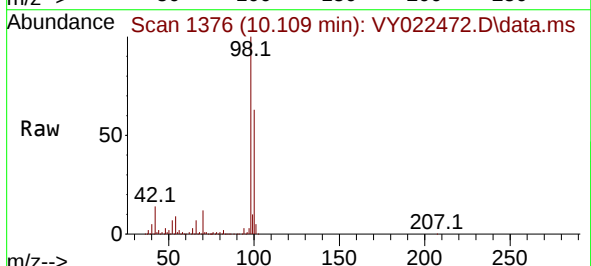
RT: 10.109 min Scan# 1376

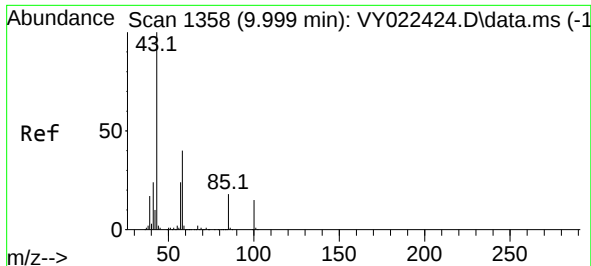
Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

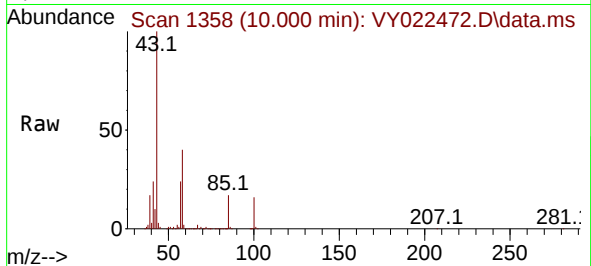
Tgt Ion: 98	Resp: 454223
Ion Ratio	Lower Upper
98	100
100	64.5 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 281.130 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

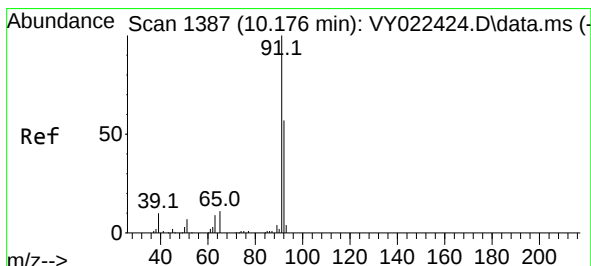
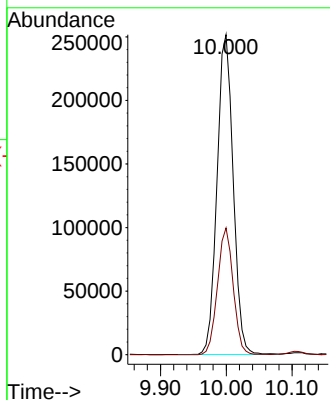
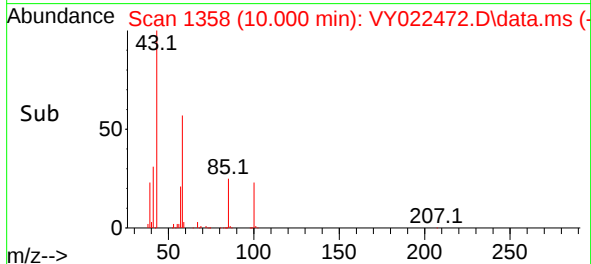
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 429775
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8

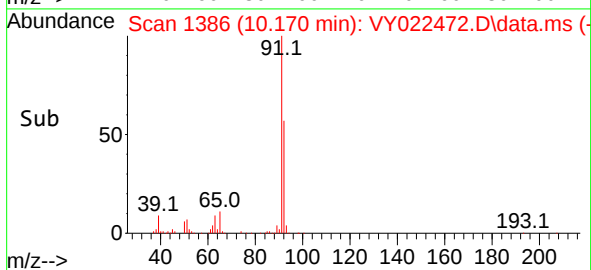
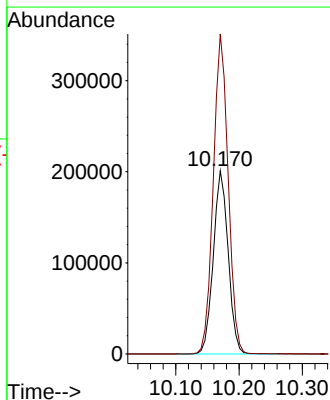
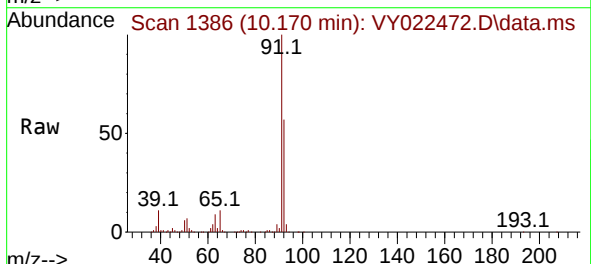
Manual Integrations
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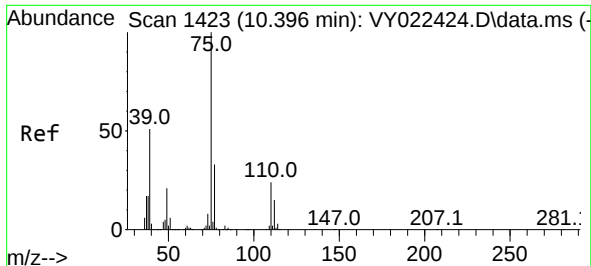
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#52
Toluene
Concen: 52.723 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

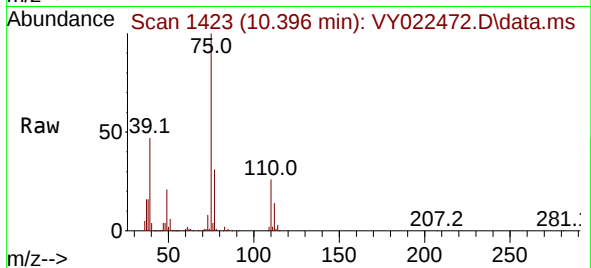
Tgt Ion: 92 Resp: 326922
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6





#53
 t-1,3-Dichloropropene
 Concen: 53.288 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20

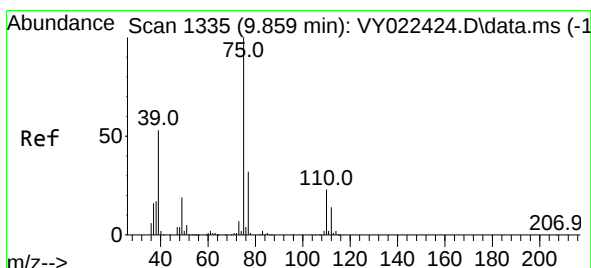
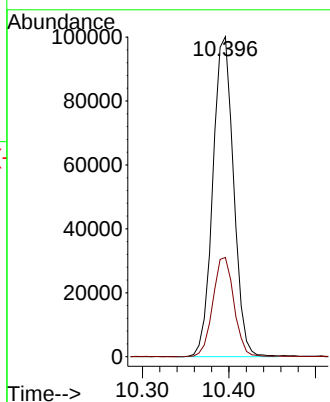
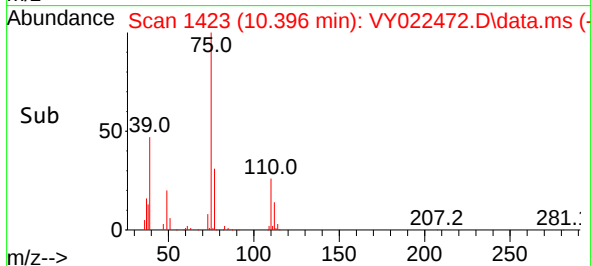
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



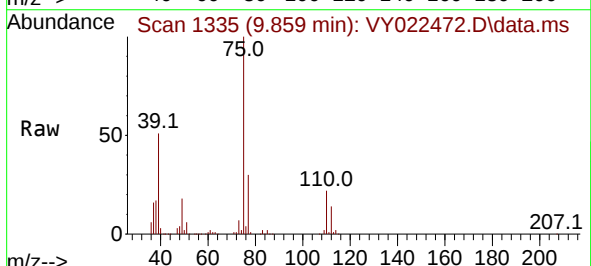
Tgt Ion: 75 Resp: 166310
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.2

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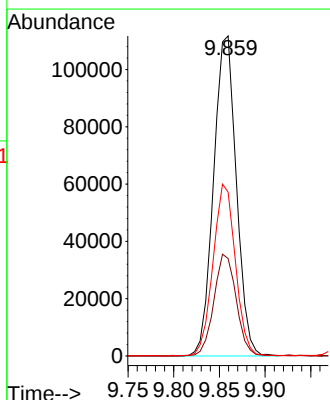
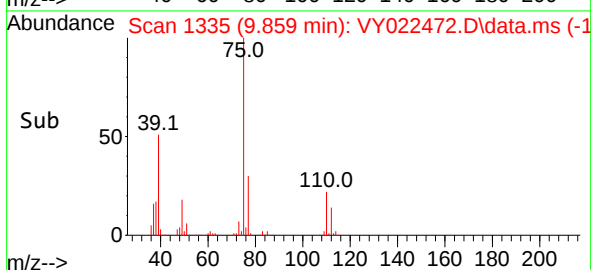
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

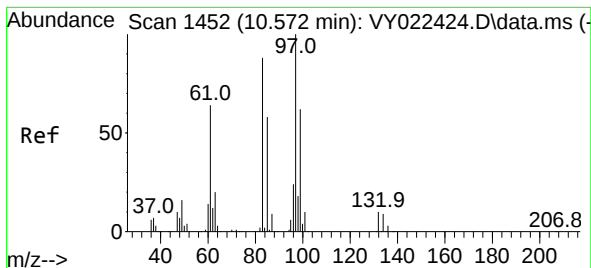


#54
 cis-1,3-Dichloropropene
 Concen: 52.773 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20



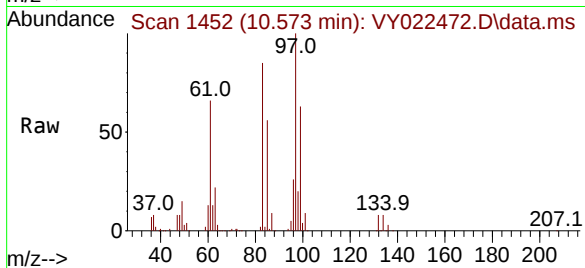
Tgt Ion: 75 Resp: 193537
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2
 39 51.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.769 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

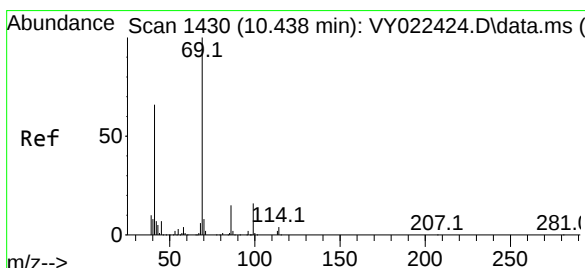
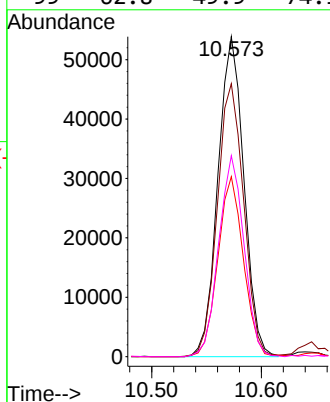
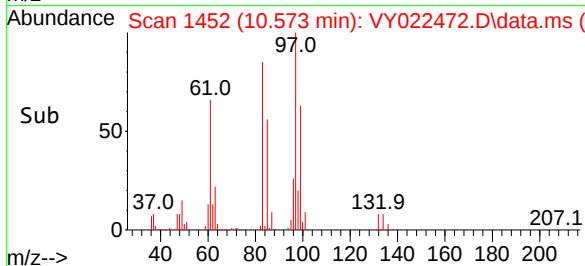
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



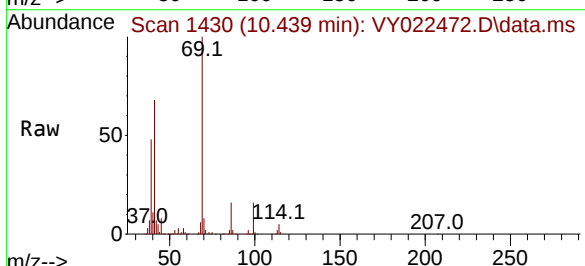
Tgt Ion: 97 Resp: 8858
Ion Ratio Lower Upper
97 100
83 85.3 70.2 105.4
85 56.3 46.1 69.1
99 62.8 49.9 74.9

Manual Integrations
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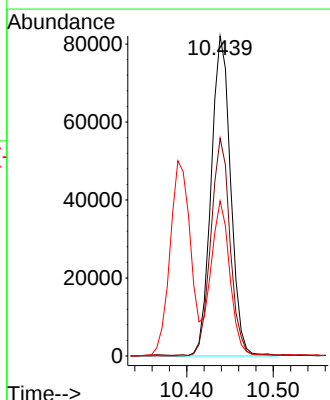
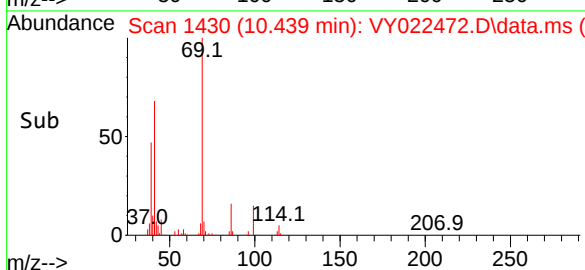
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

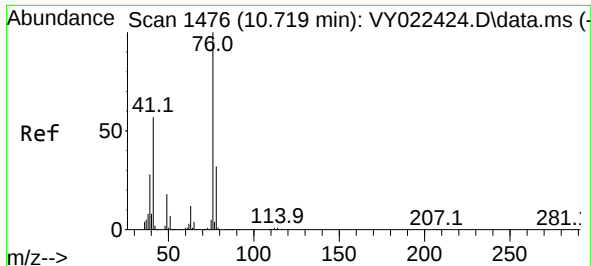


#56
Ethyl methacrylate
Concen: 54.268 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



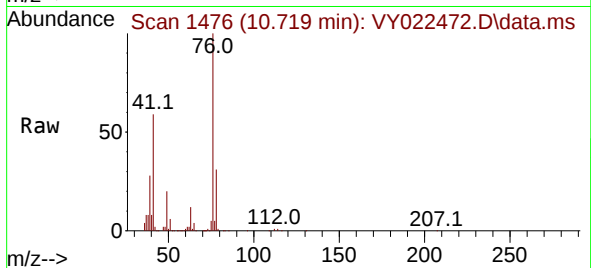
Tgt Ion: 69 Resp: 128298
Ion Ratio Lower Upper
69 100
41 66.5 51.2 76.8
39 47.0 35.2 52.8





#57
1,3-Dichloropropane
Concen: 53.738 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

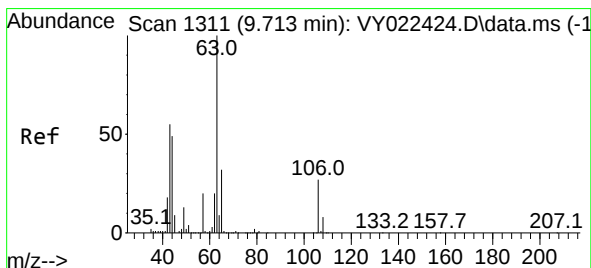
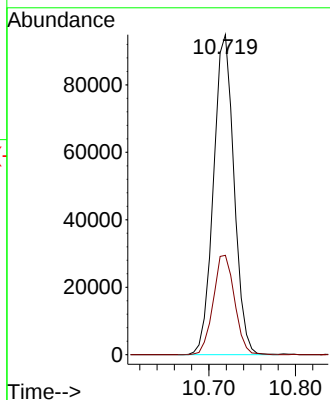
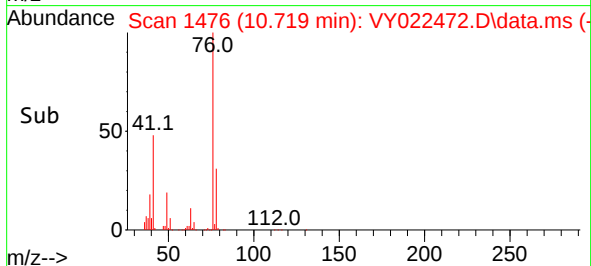
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



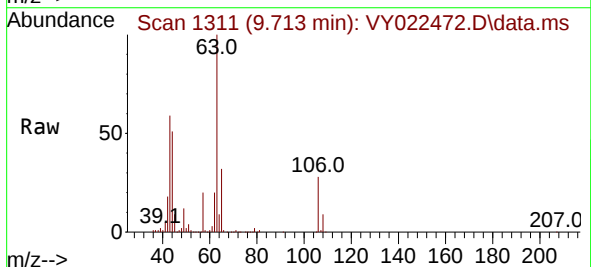
Tgt Ion: 76 Resp: 156012
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

Manual Integrations
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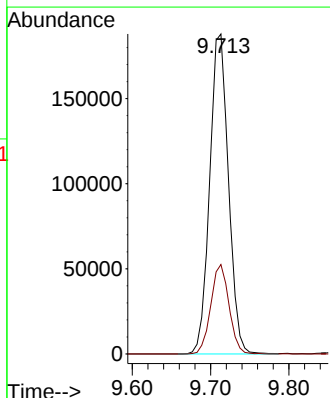
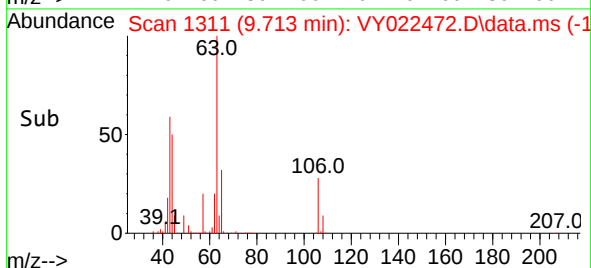
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

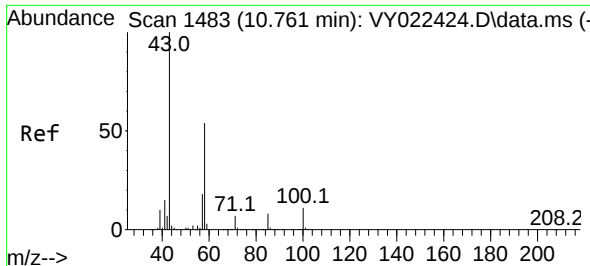


#58
2-Chloroethyl Vinyl ether
Concen: 265.353 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



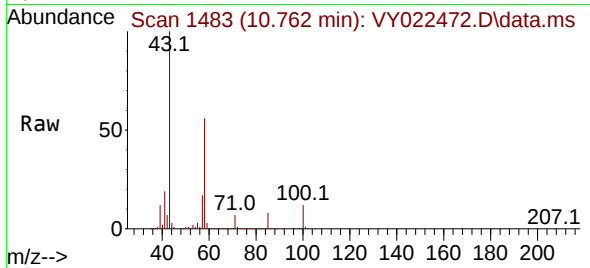
Tgt Ion: 63 Resp: 312651
Ion Ratio Lower Upper
63 100
106 27.1 22.2 33.2





#59
2-Hexanone
Concen: 299.896 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

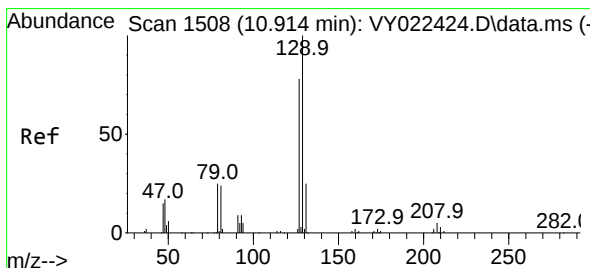
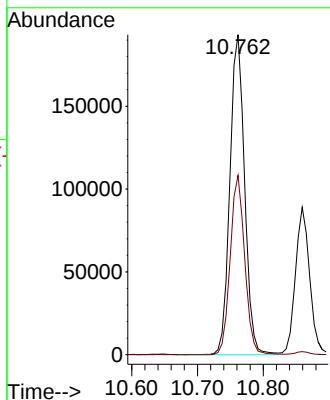
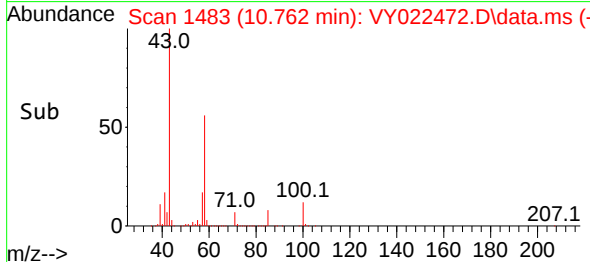
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 300454
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.2

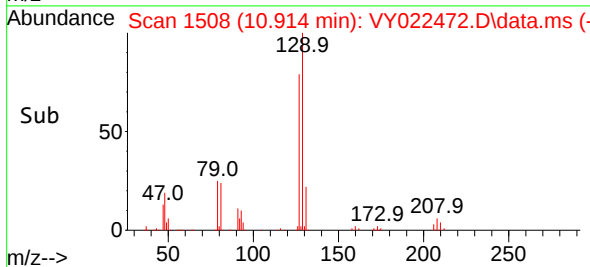
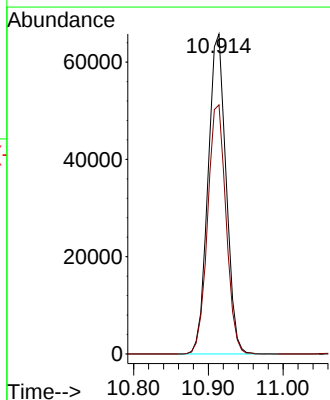
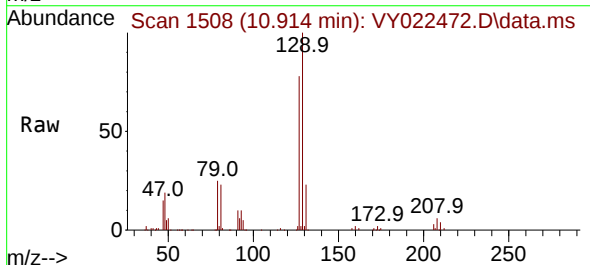
Manual Integrations
APPROVED

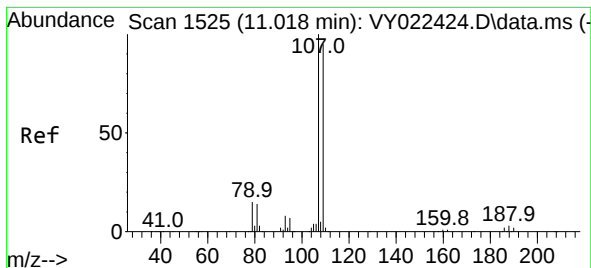
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#60
Dibromochloromethane
Concen: 52.350 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion:129 Resp: 110167
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.8





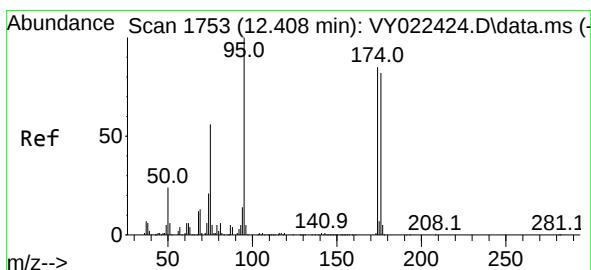
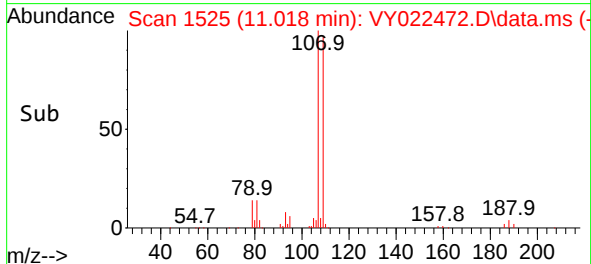
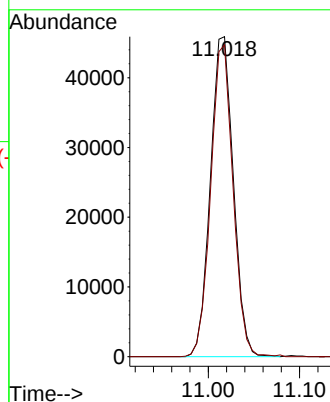
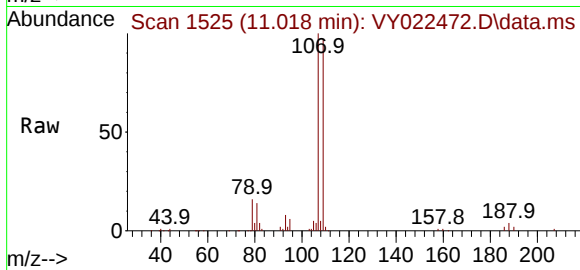
#61
1,2-Dibromoethane
Concen: 53.202 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 80164
Ion Ratio Lower Upper
107 100
109 94.7 74.0 111.0

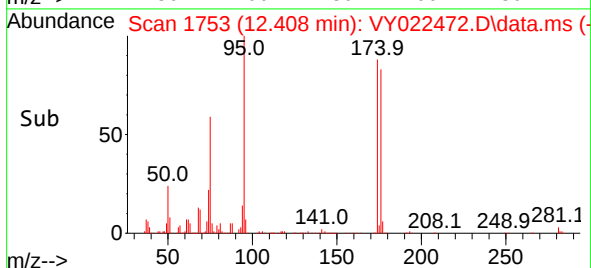
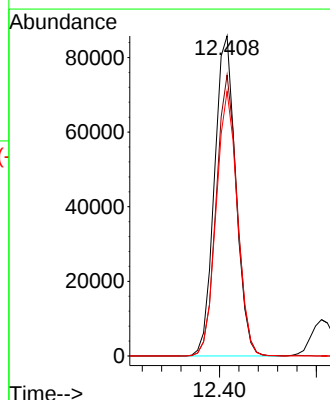
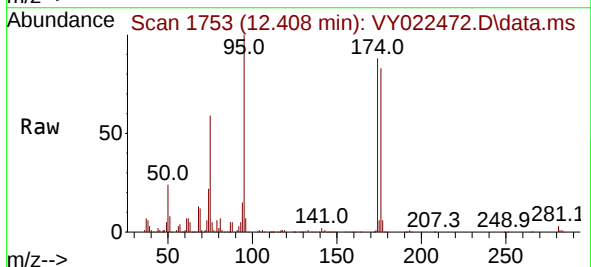
Manual Integrations
APPROVED

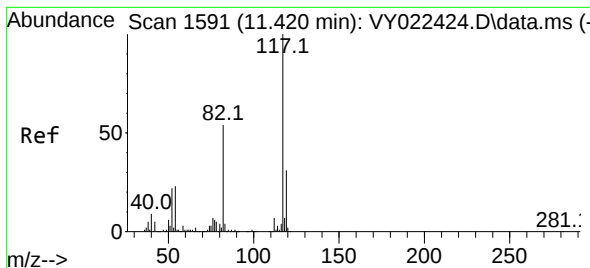
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#62
4-Bromofluorobenzene
Concen: 50.536 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

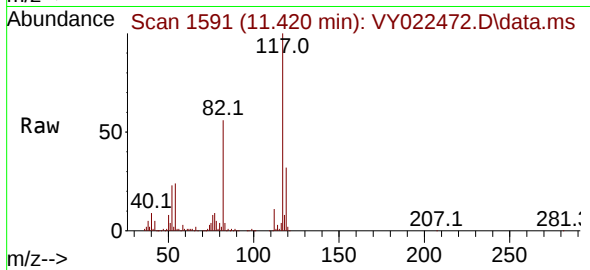
Tgt Ion: 95 Resp: 131020
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 82.2 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

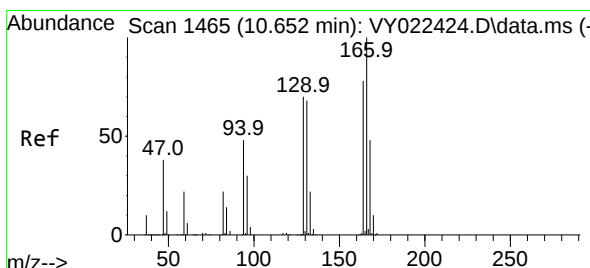
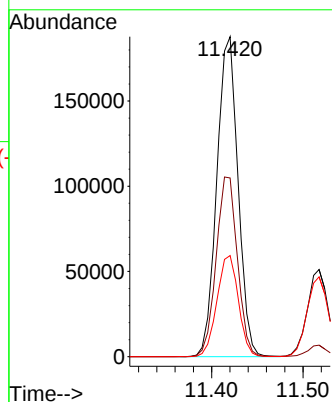
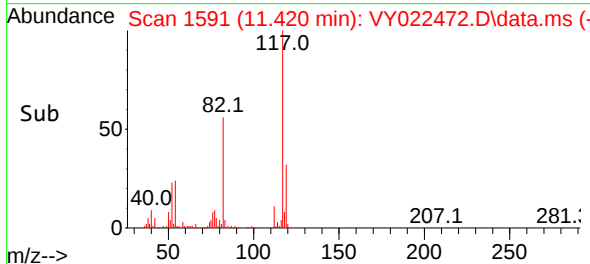
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 30261
Ion Ratio Lower Upper
117 100
82 55.8 43.3 64.9
119 31.6 24.5 36.7

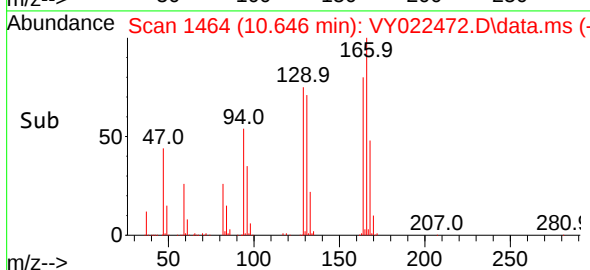
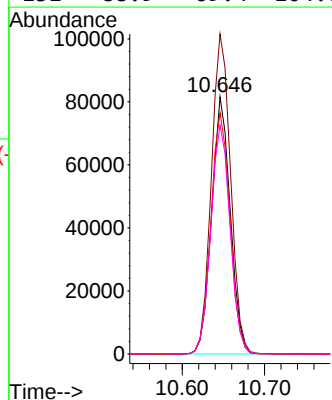
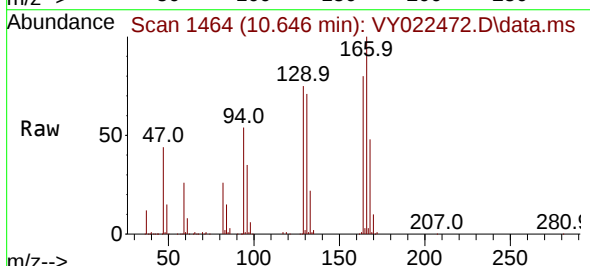
Manual Integrations
APPROVED

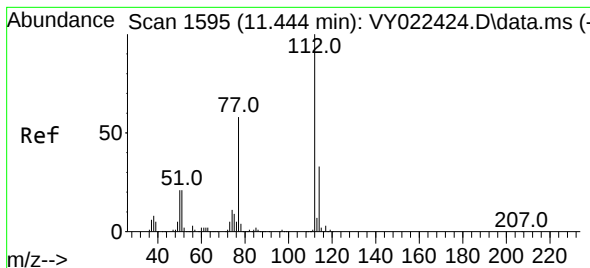
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#64
Tetrachloroethene
Concen: 49.960 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

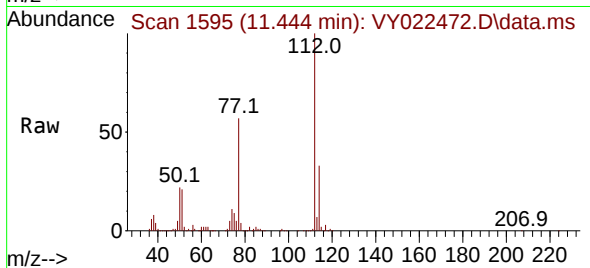
Tgt Ion:164 Resp: 128759
Ion Ratio Lower Upper
164 100
166 124.5 102.0 153.0
129 93.9 71.3 106.9
131 88.9 69.4 104.0





#65
Chlorobenzene
Concen: 52.737 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

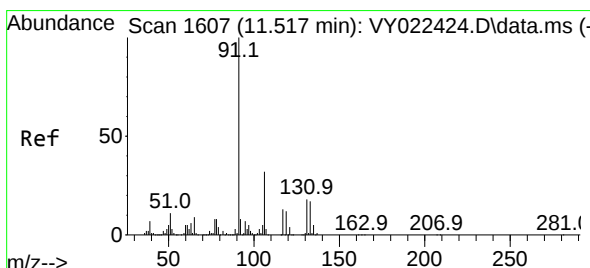
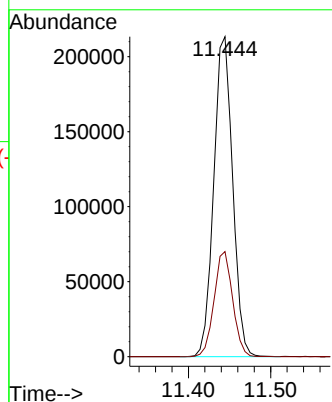
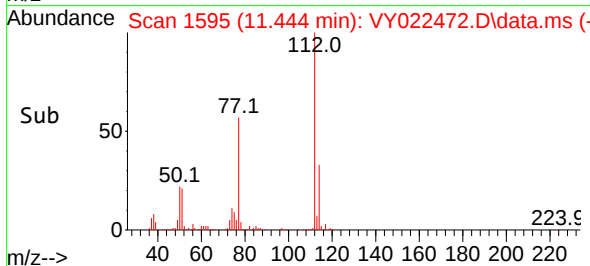
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



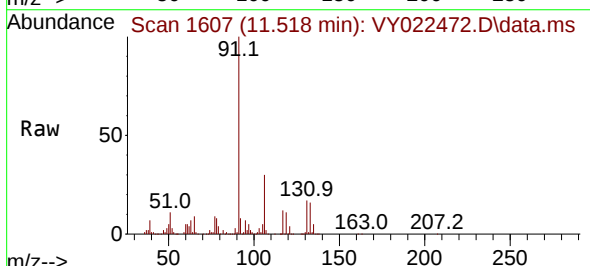
Tgt Ion:112 Resp: 340290
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1

Manual Integrations
APPROVED

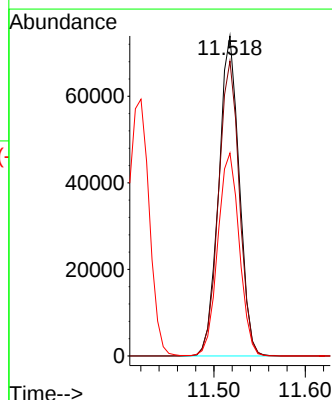
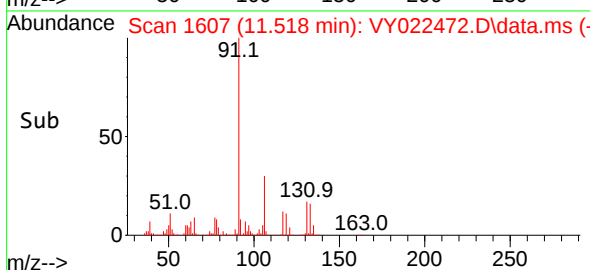
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

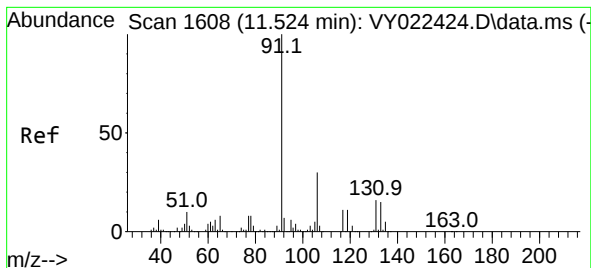


#66
1,1,1,2-Tetrachloroethane
Concen: 52.750 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



Tgt Ion:131 Resp: 115325
Ion Ratio Lower Upper
131 100
133 93.8 46.6 139.8
119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 53.445 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 64033

Ion Ratio Lower Upper

91 100

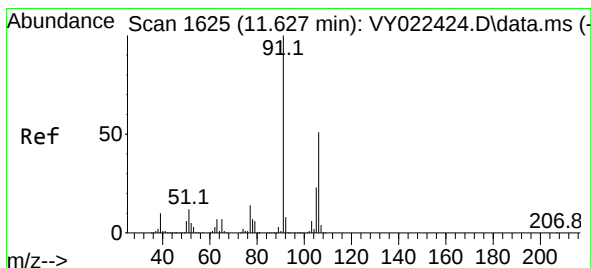
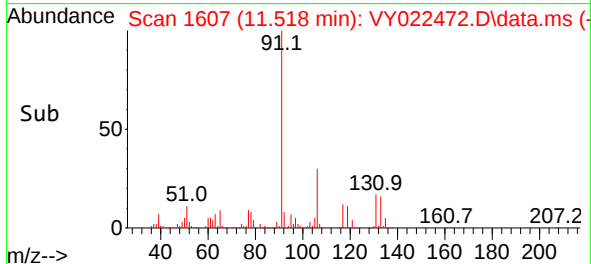
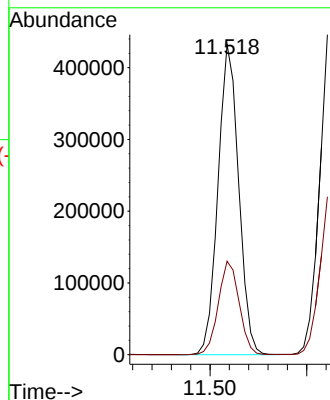
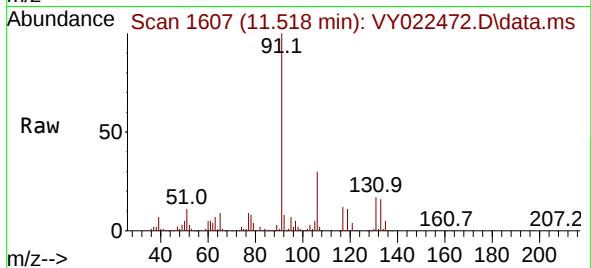
106 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#68

m/p-Xylenes

Concen: 105.386 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022472.D

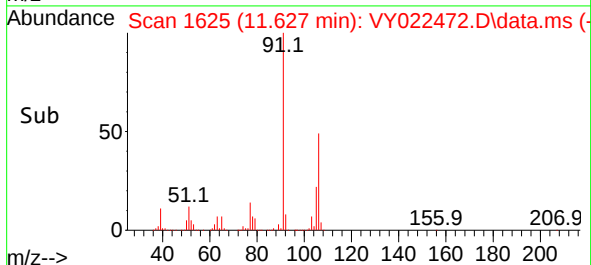
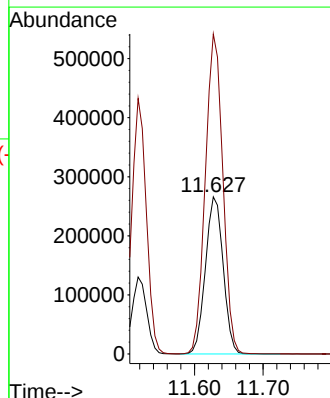
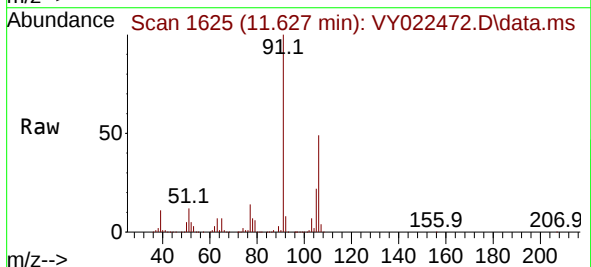
Acq: 30 May 2025 11:20

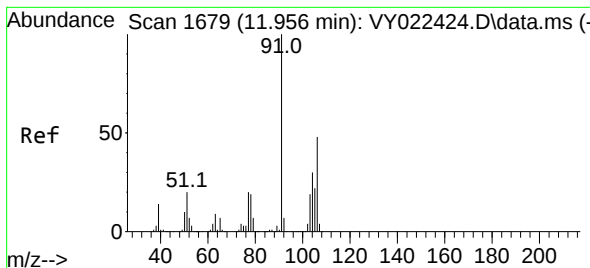
Tgt Ion:106 Resp: 478725

Ion Ratio Lower Upper

106 100

91 201.3 159.8 239.8





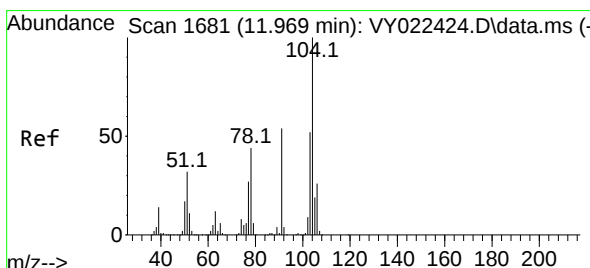
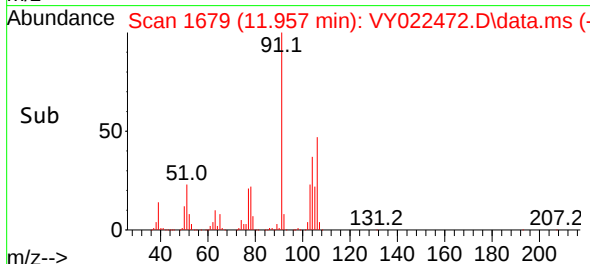
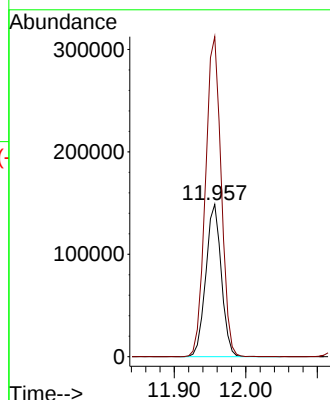
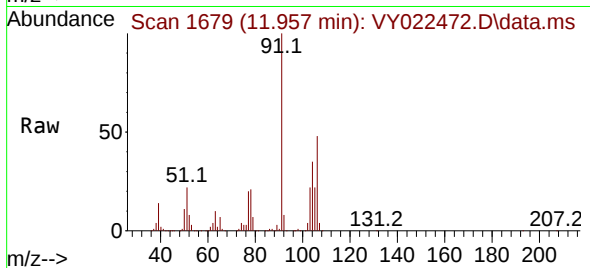
#69
o-Xylene
Concen: 52.372 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 223592
Ion Ratio Lower Upper
106 100
91 213.4 106.3 318.9

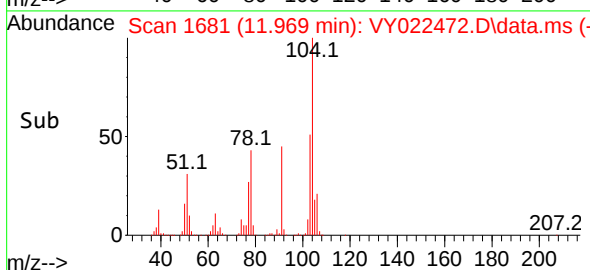
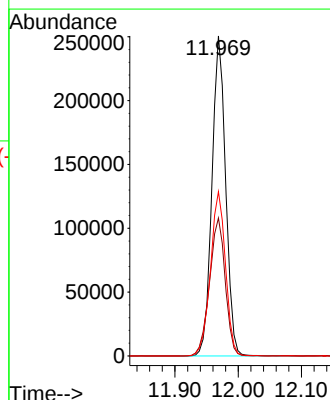
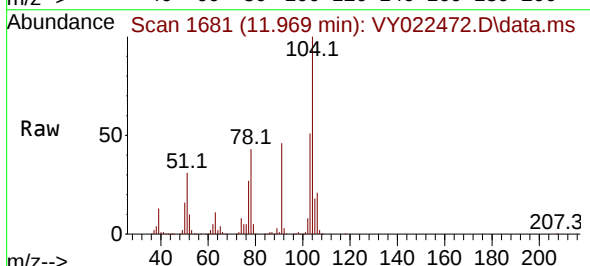
Manual Integrations
APPROVED

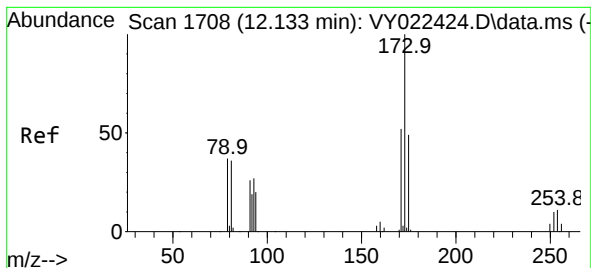
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#70
Styrene
Concen: 53.102 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion:104 Resp: 377497
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 56.4 43.4 65.2





#71

Bromoform

Concen: 52.861 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 60534

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

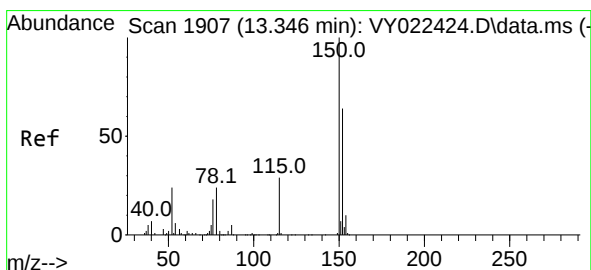
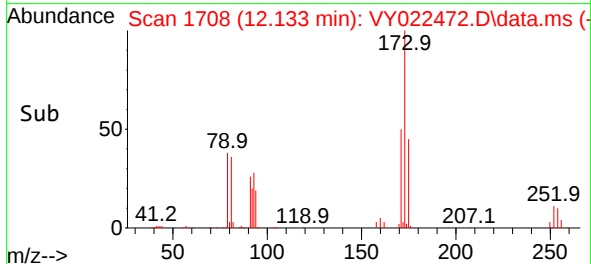
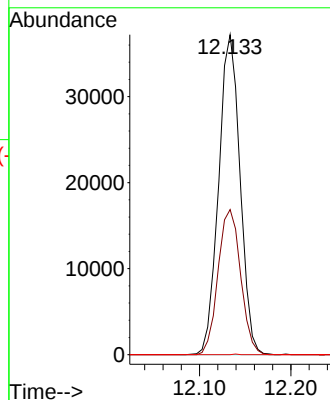
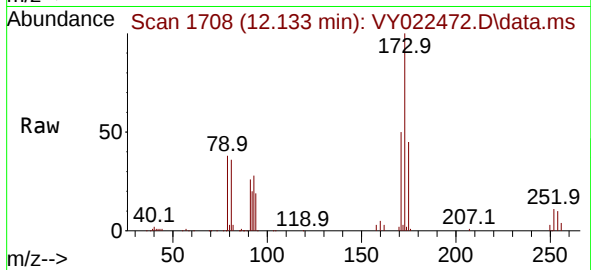
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

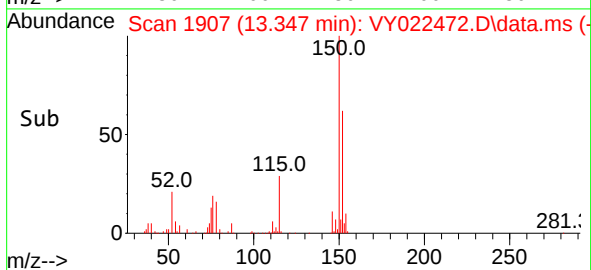
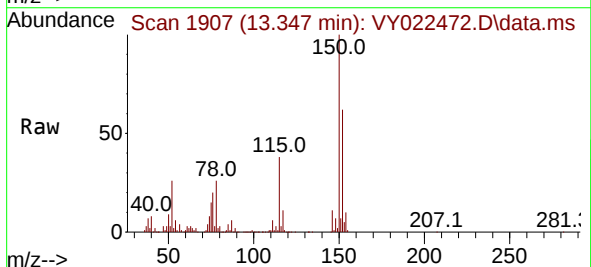
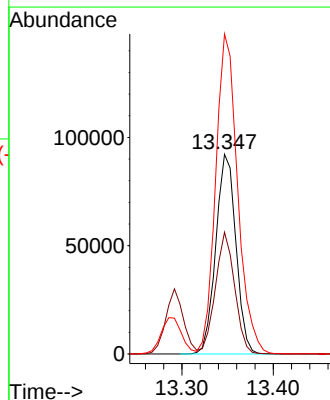
Tgt Ion:152 Resp: 141076

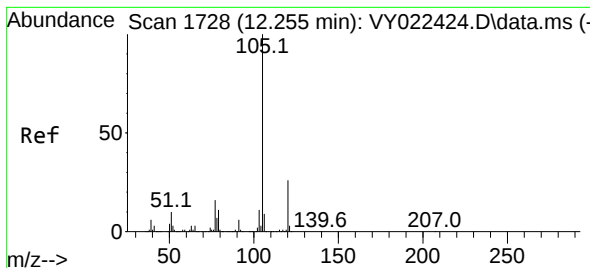
Ion Ratio Lower Upper

152 100

115 58.5 28.4 85.3

150 174.7 0.0 345.8





#73

Isopropylbenzene

Concen: 53.202 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 590708

Ion Ratio Lower Upper

105 100

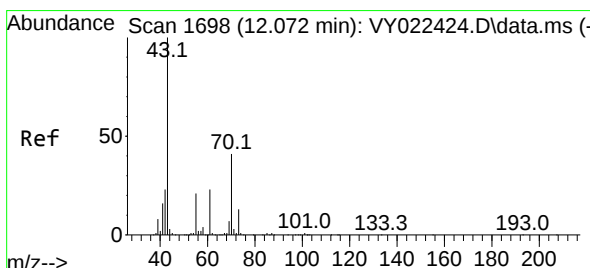
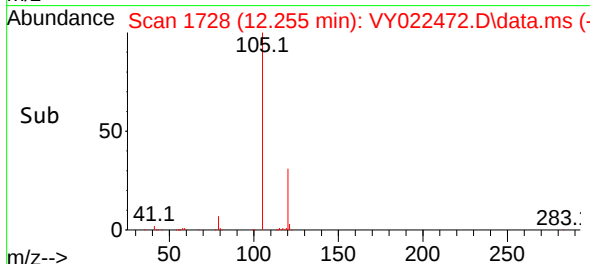
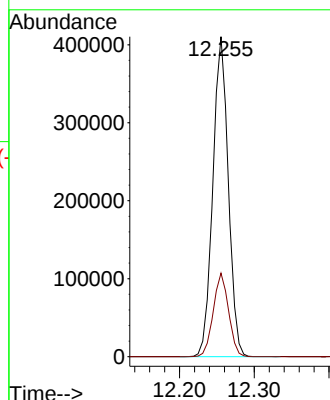
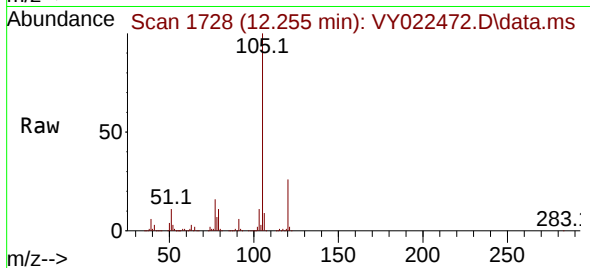
120 25.9 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#74

N-ethyl acetate

Concen: 55.921 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Tgt Ion: 43 Resp: 151932

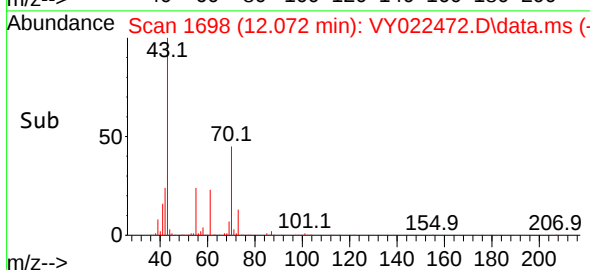
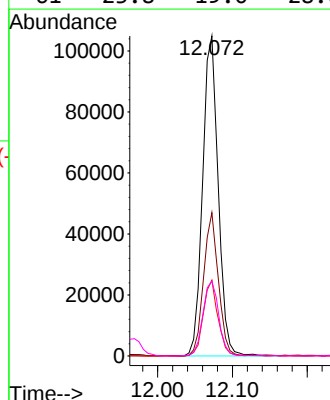
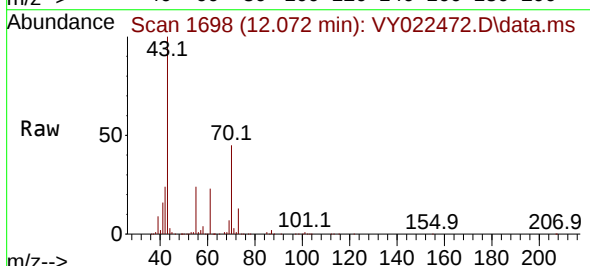
Ion Ratio Lower Upper

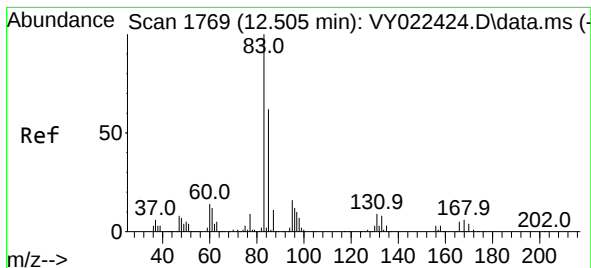
43 100

70 42.4 33.0 49.4

55 22.5 17.5 26.3

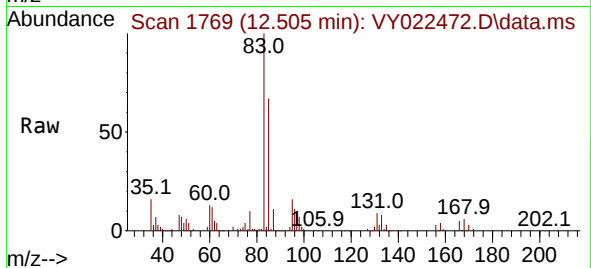
61 23.8 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.495 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

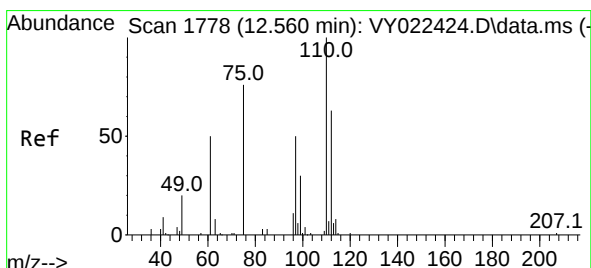
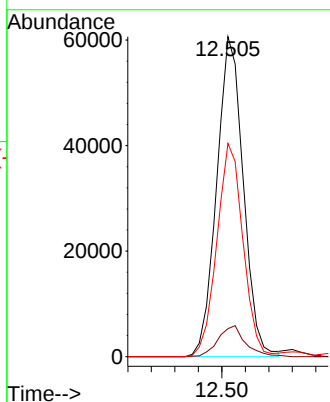
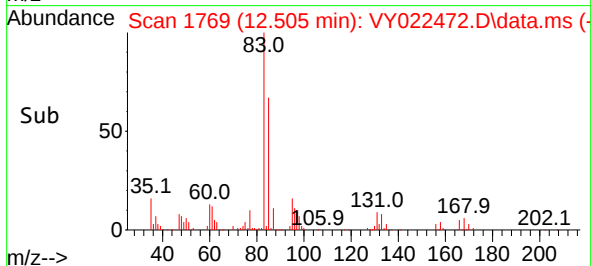
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



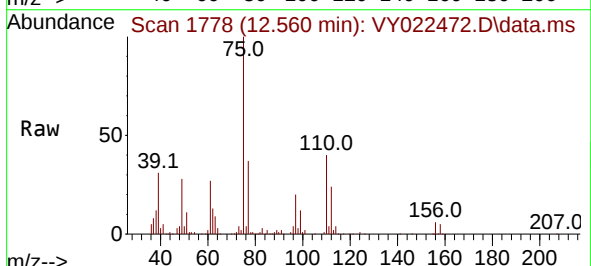
Tgt Ion: 83 Resp: 95330
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 65.7 32.0 96.2

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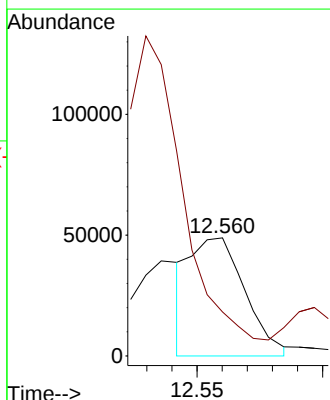
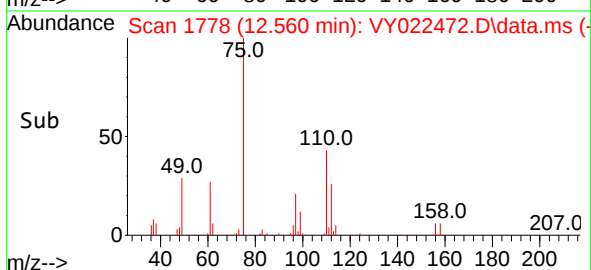
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

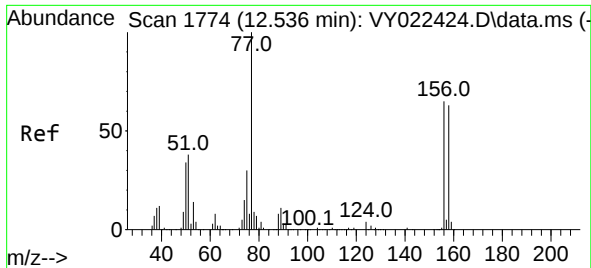


#76
1,2,3-Trichloropropane
Concen: 52.522 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



Tgt Ion: 75 Resp: 74219
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





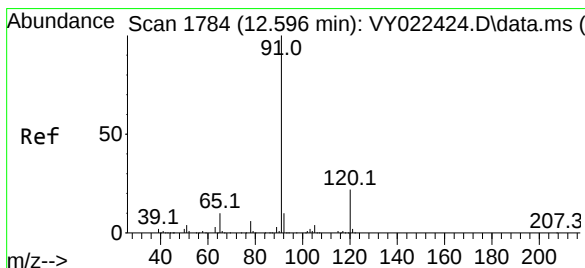
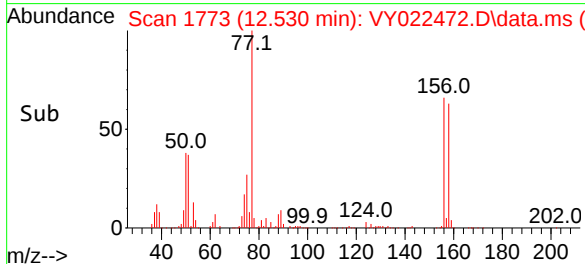
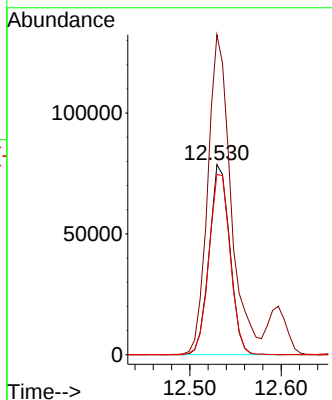
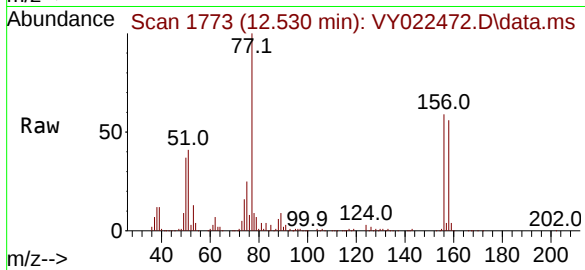
#77
Bromobenzene
Concen: 51.601 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 123295
Ion Ratio Lower Upper
156 100
77 189.2 91.4 274.2
158 97.6 48.1 144.3

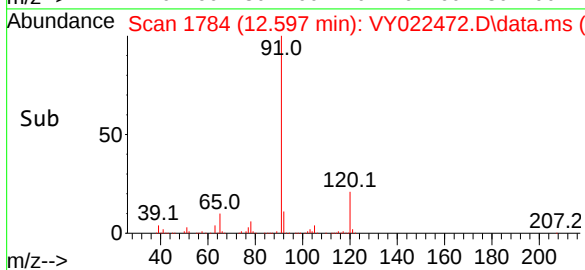
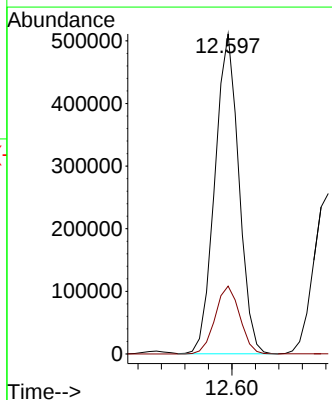
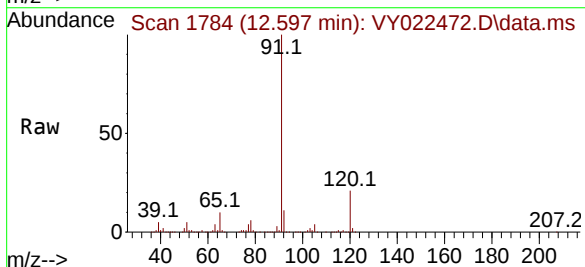
Manual Integrations
APPROVED

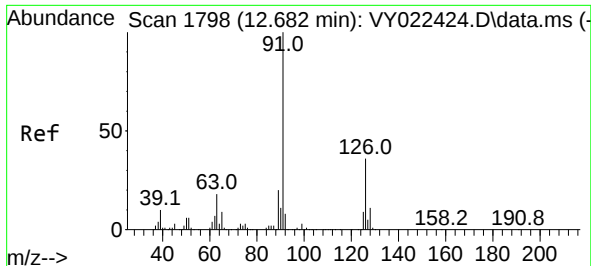
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#78
n-propylbenzene
Concen: 54.342 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

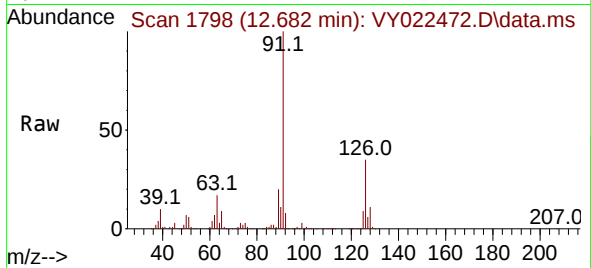
Tgt Ion: 91 Resp: 724086
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5





#79
2-Chlorotoluene
Concen: 53.192 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

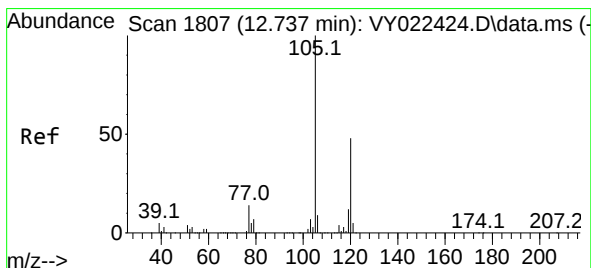
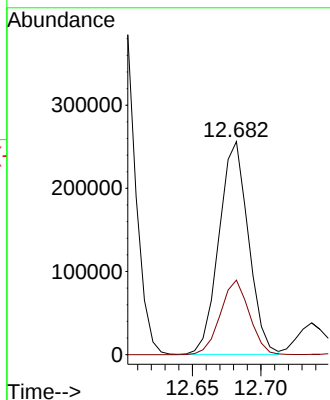
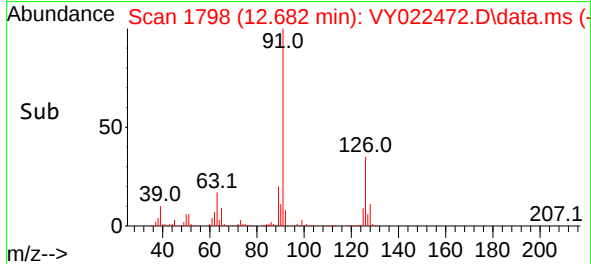
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 383669
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3

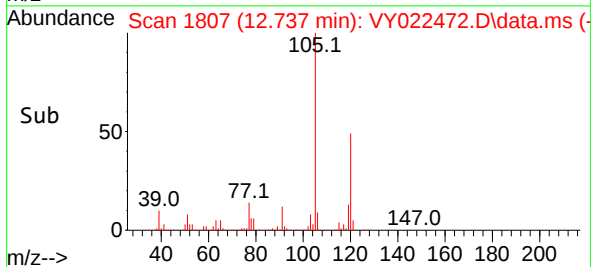
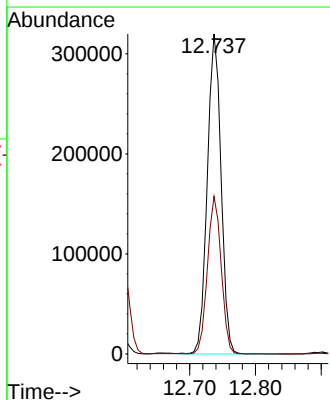
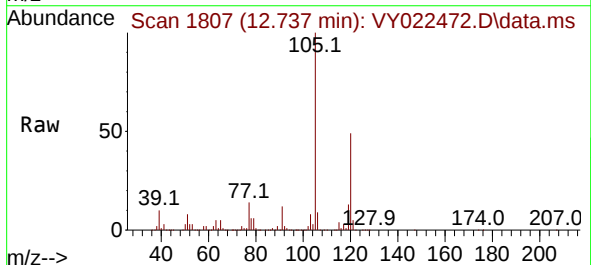
Manual Integrations
APPROVED

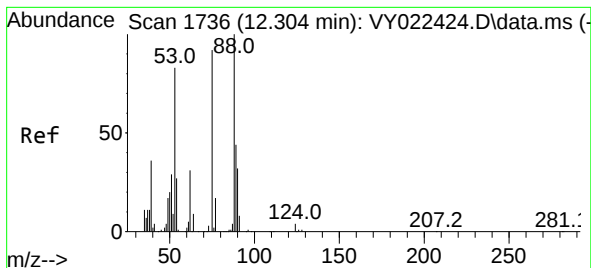
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.667 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

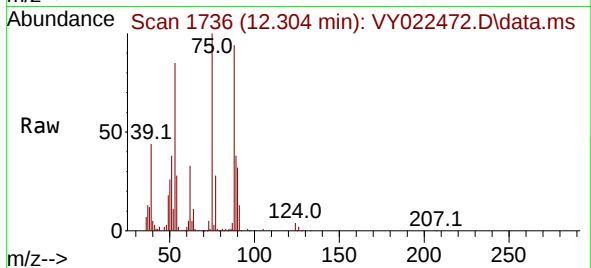
Tgt Ion:105 Resp: 465580
Ion Ratio Lower Upper
105 100
120 49.2 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 54.520 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

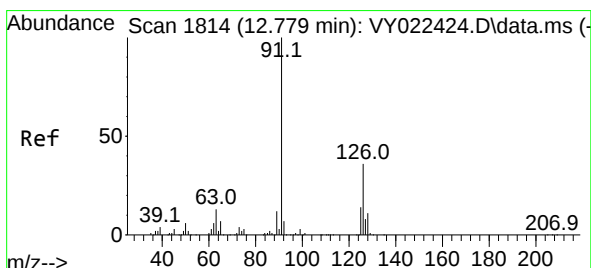
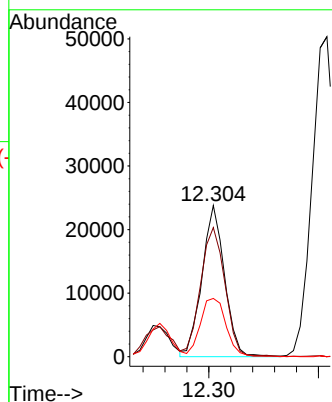
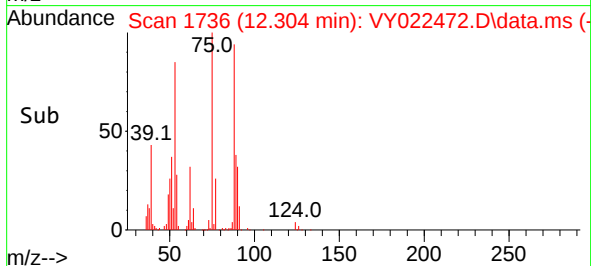
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



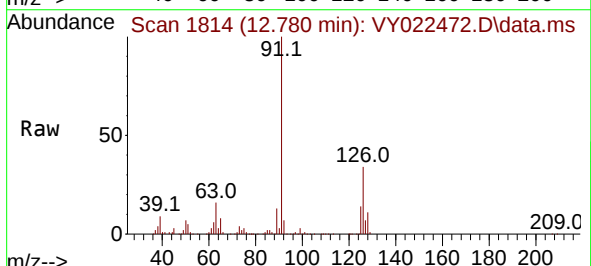
Tgt Ion: 75 Resp: 34068
Ion Ratio Lower Upper
75 100
53 92.8 75.1 112.7
89 43.7 37.4 56.0

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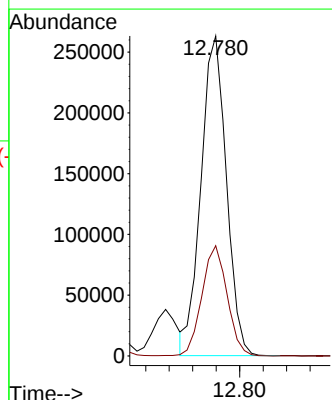
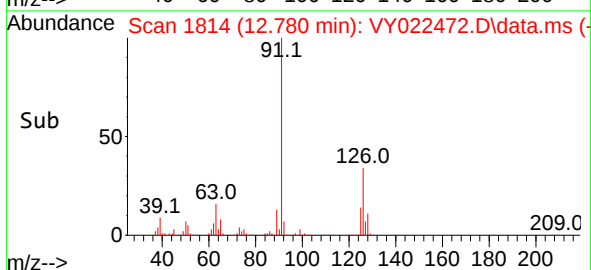
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

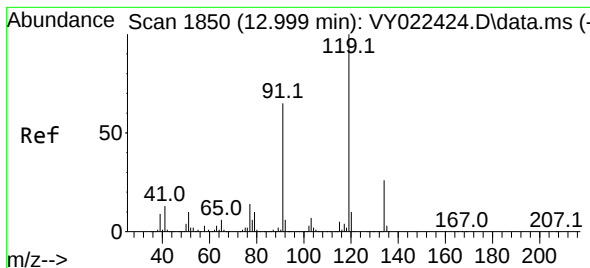


#82
4-Chlorotoluene
Concen: 53.206 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20



Tgt Ion: 91 Resp: 395252
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.873 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 422268

Ion Ratio Lower Upper

119 100

91 63.2 31.8 95.3

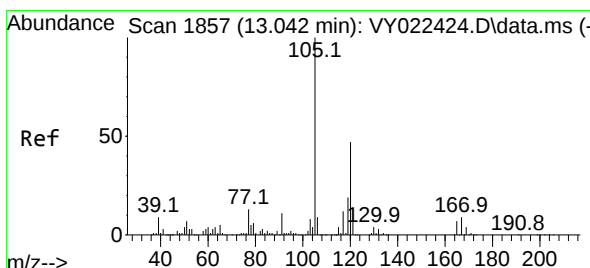
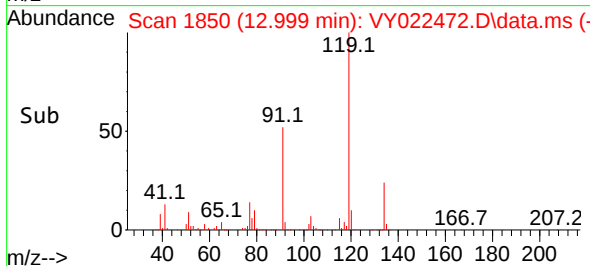
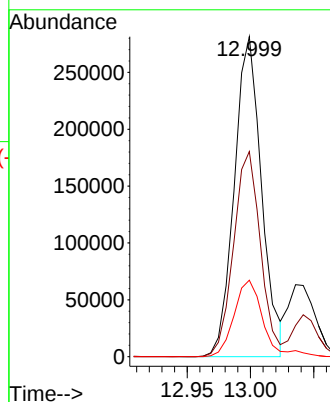
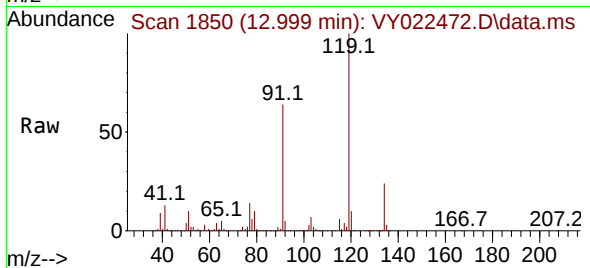
134 25.4 13.0 38.9

Manual Integrations

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Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.516 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022472.D

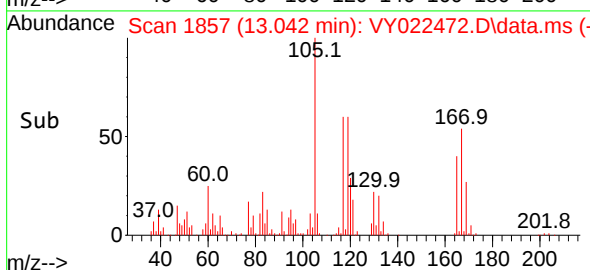
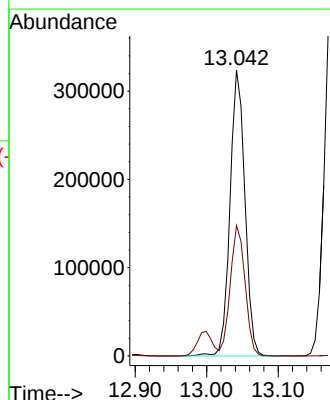
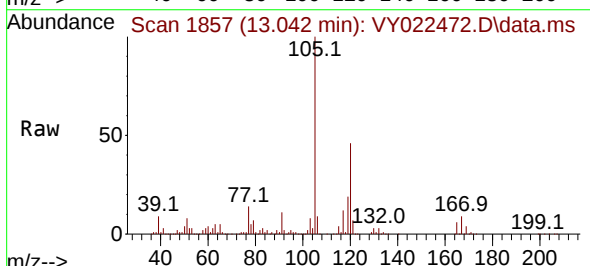
Acq: 30 May 2025 11:20

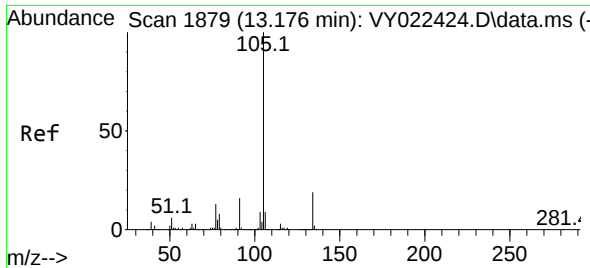
Tgt Ion:105 Resp: 467206

Ion Ratio Lower Upper

105 100

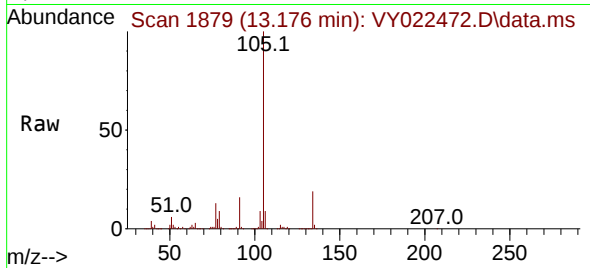
120 45.2 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 54.644 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20

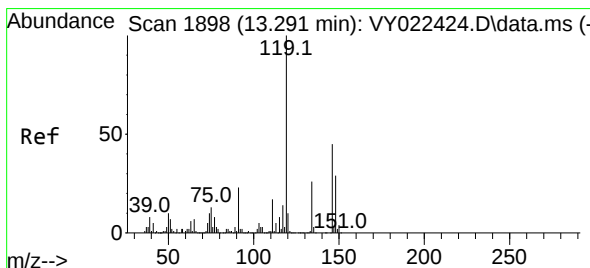
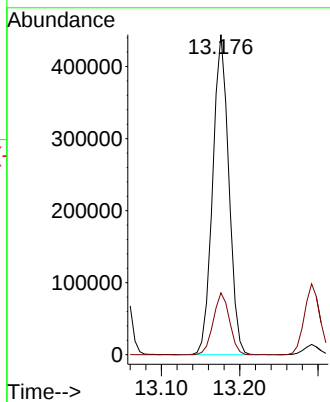
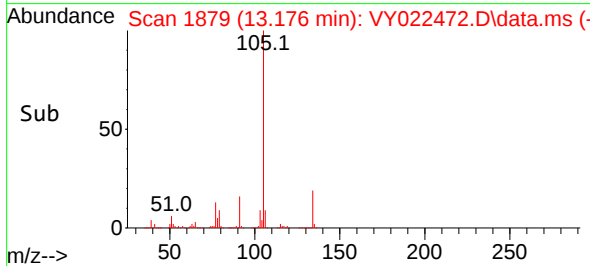
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



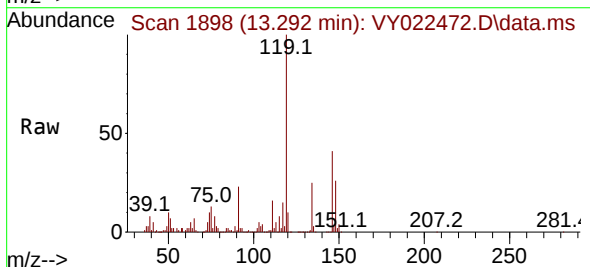
Tgt Ion:105 Resp: 635190
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

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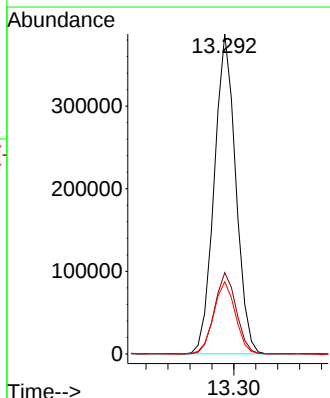
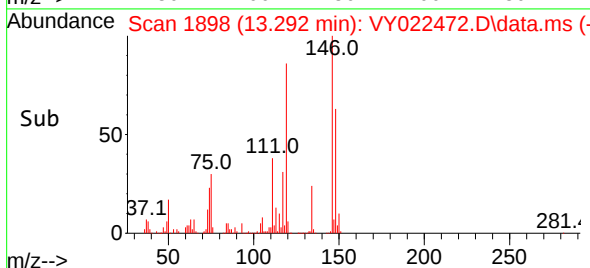
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

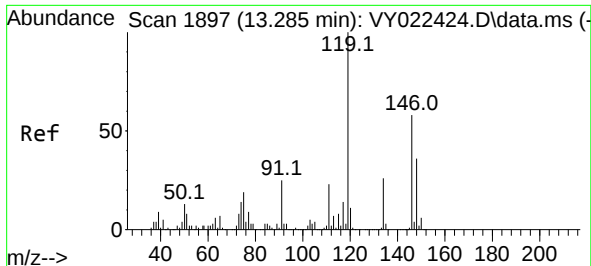


#86
 p-Isopropyltoluene
 Concen: 54.274 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20



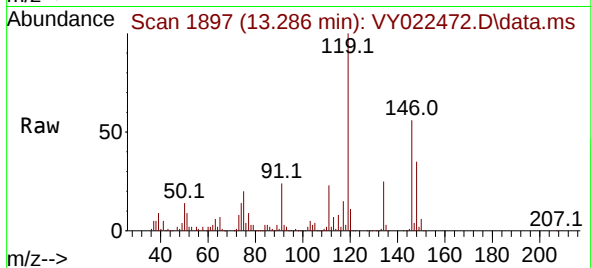
Tgt Ion:119 Resp: 526830
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 22.9 11.6 34.8





#87
 1,3-Dichlorobenzene
 Concen: 52.609 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20

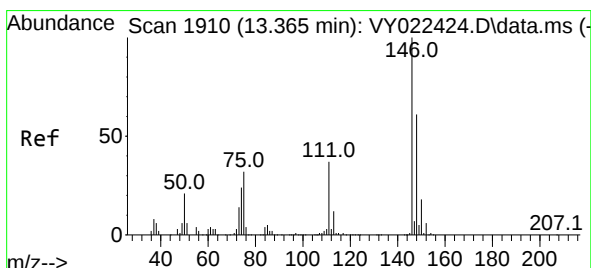
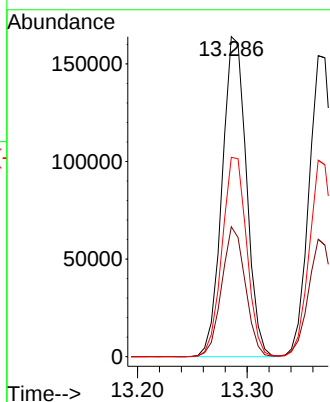
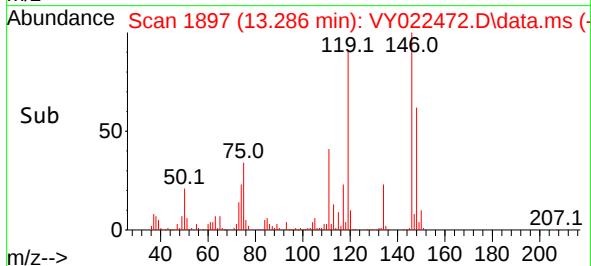
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



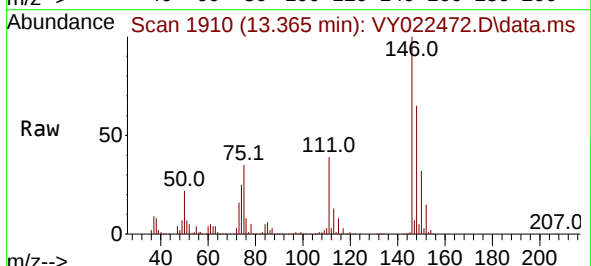
Tgt Ion:146 Resp: 252923
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 63.0 31.7 95.1

Manual Integrations
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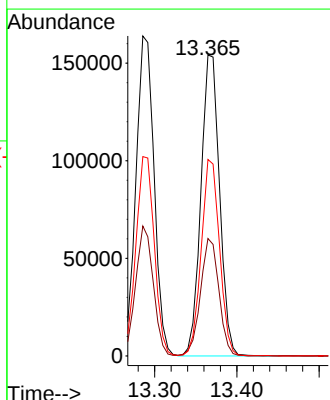
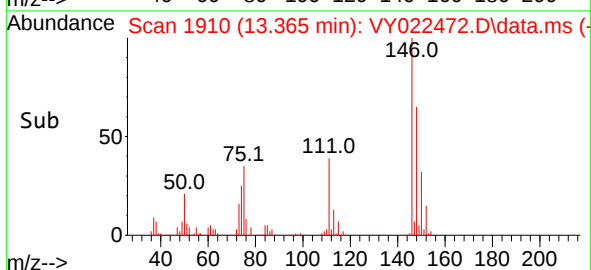
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

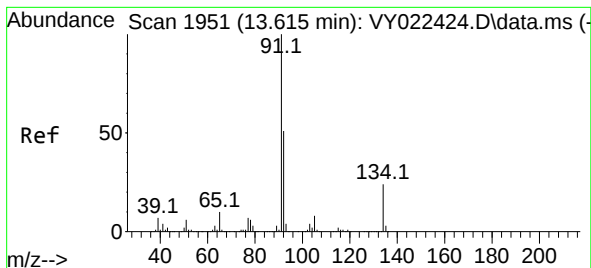


#88
 1,4-Dichlorobenzene
 Concen: 52.846 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022472.D
 Acq: 30 May 2025 11:20



Tgt Ion:146 Resp: 242932
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.7 56.1
 148 64.1 31.4 94.3





#89

n-Butylbenzene

Concen: 55.199 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

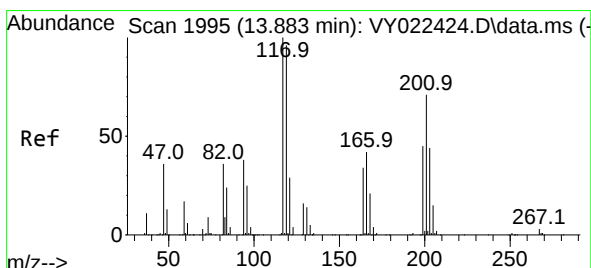
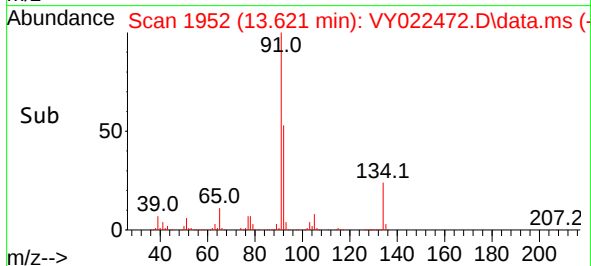
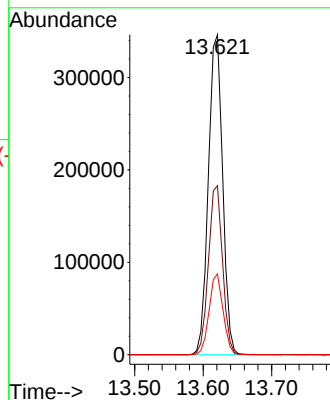
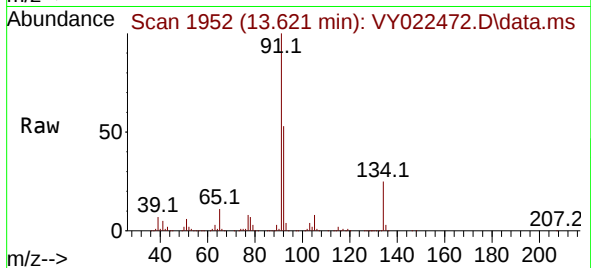
Tgt Ion: 91 Resp: 502383
 Ion Ratio Lower Upper
 91 100
 92 52.3 25.9 77.6
 134 24.6 12.4 37.0

Manual Integrations

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Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#90

Hexachloroethane

Concen: 53.335 ug/l

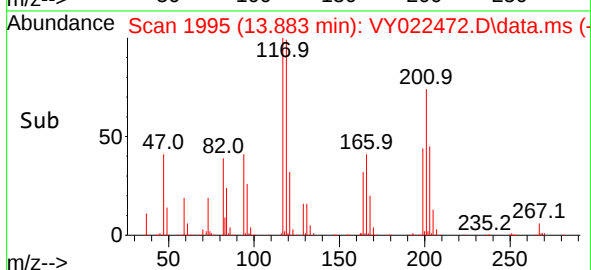
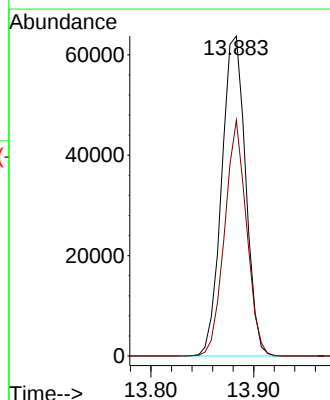
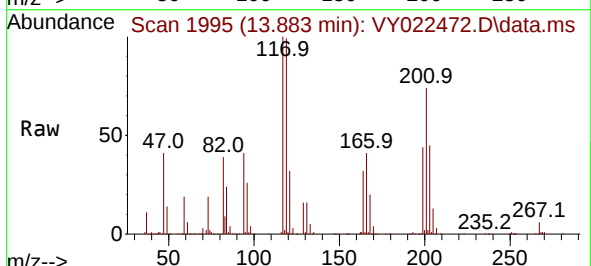
RT: 13.883 min Scan# 1995

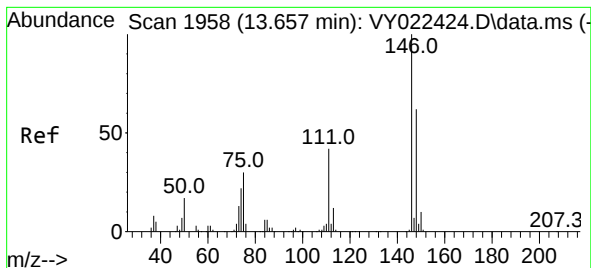
Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Tgt Ion:117 Resp: 103024
 Ion Ratio Lower Upper
 117 100
 201 67.5 35.0 105.0





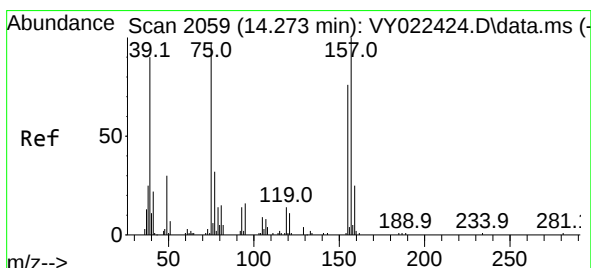
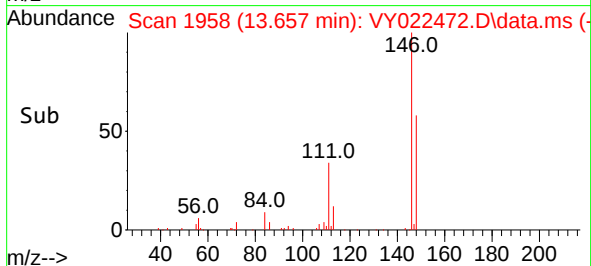
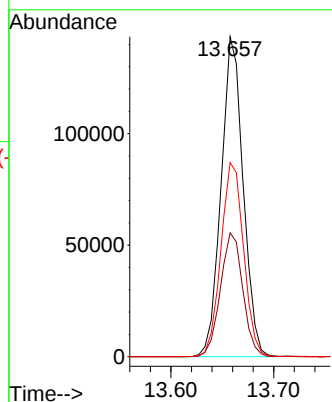
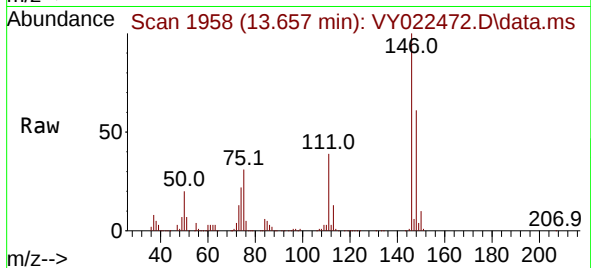
#91
1,2-Dichlorobenzene
Concen: 53.121 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 21331
Ion Ratio Lower Upper
146 100
111 39.3 20.5 61.6
148 62.5 31.9 95.9

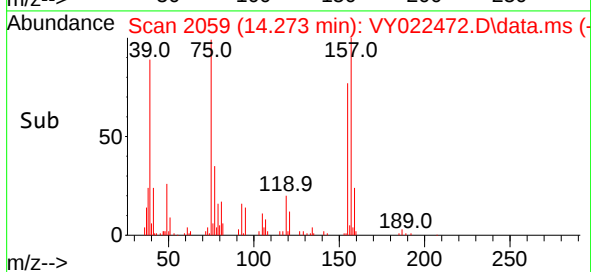
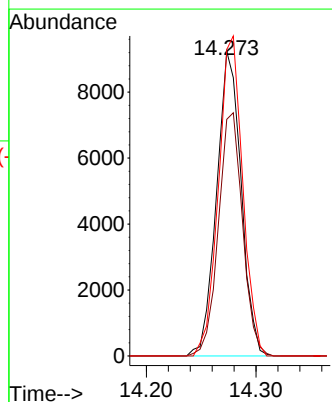
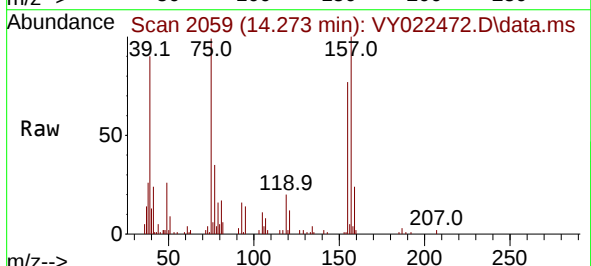
Manual Integrations
APPROVED

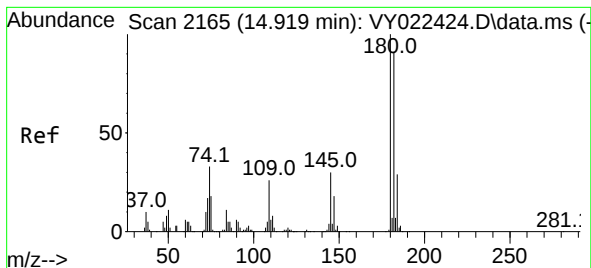
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.990 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022472.D
Acq: 30 May 2025 11:20

Tgt Ion: 75 Resp: 14324
Ion Ratio Lower Upper
75 100
155 78.9 42.3 126.8
157 103.9 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 53.679 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022472.D

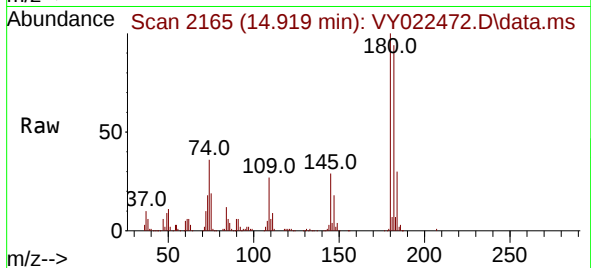
Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



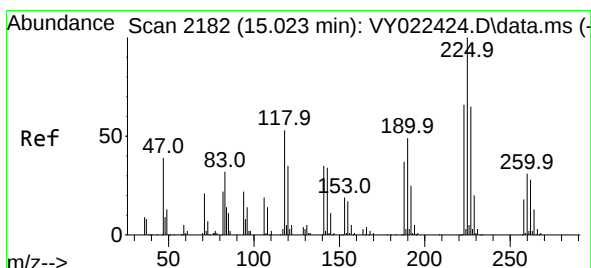
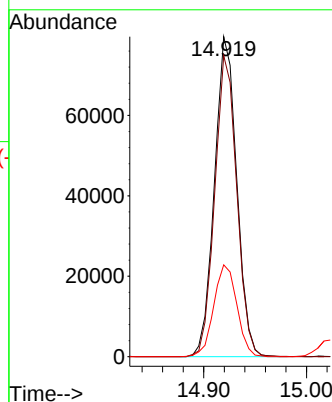
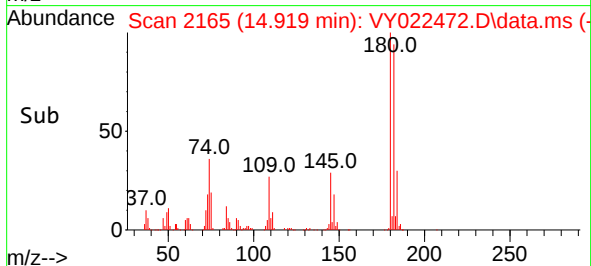
Tgt Ion:180	Resp:	119498
Ion Ratio	Lower	Upper
180	100	
182	93.1	46.2 138.6
145	29.8	14.2 42.8

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 54.267 ug/l

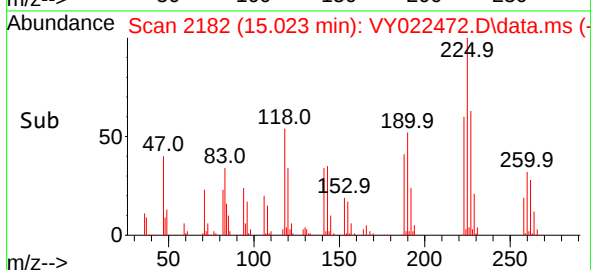
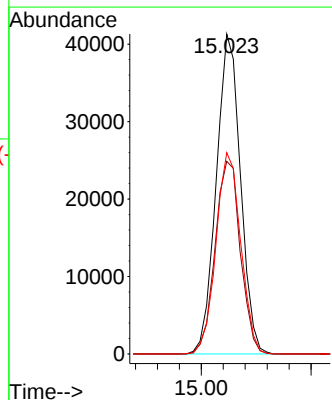
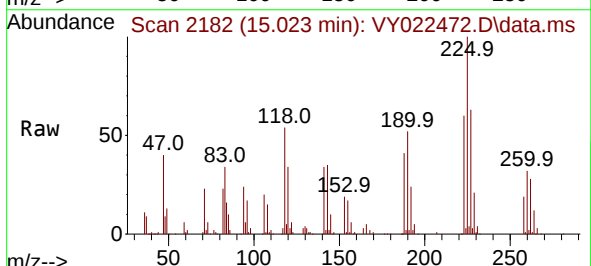
RT: 15.023 min Scan# 2182

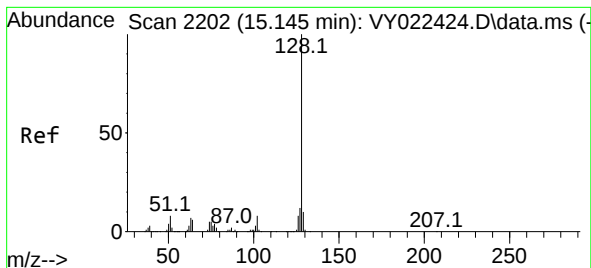
Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Tgt Ion:225	Resp:	63399
Ion Ratio	Lower	Upper
225	100	
223	62.9	32.6 97.7
227	64.3	33.0 99.0





#95

Naphthalene

Concen: 55.465 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

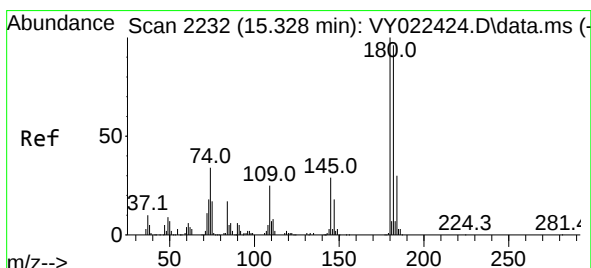
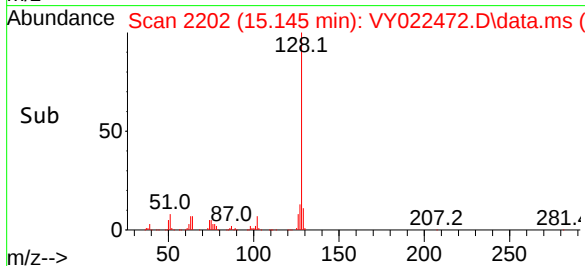
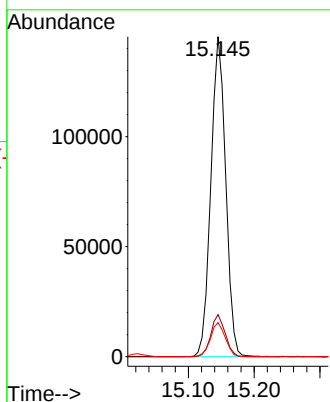
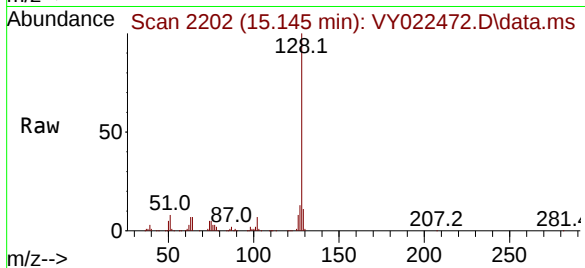
Tgt Ion:	128	Resp:	228264
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.5	12.7

Manual Integrations

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Supervised By :Mahesh Dadoda 06/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.600 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022472.D

Acq: 30 May 2025 11:20

Tgt Ion:	180	Resp:	97859
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.1	144.3
145	31.1	14.9	44.5

