

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022475.D
 Acq On : 30 May 2025 13:37
 Operator : SY/MD
 Sample : VY0530SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01

Manual Integrations
 APPROVED

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

Quant Time: May 31 02:26:25 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	192865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	341345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	286239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112494	55.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.760%			
35) Dibromofluoromethane	7.634	113	101870	50.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.920%			
50) Toluene-d8	10.109	98	411336	50.476	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.407	95	119420	48.447	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	41913	22.778	ug/l	100
3) Chloromethane	2.068	50	101758	22.482	ug/l	100
4) Vinyl Chloride	2.202	62	132171	24.038	ug/l	98
5) Bromomethane	2.592	94	129230	25.863	ug/l	96
6) Chloroethane	2.732	64	94210	26.220	ug/l	95
7) Trichlorofluoromethane	3.049	101	116591	25.132	ug/l	96
8) Diethyl Ether	3.452	74	25565	23.899	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	45228	22.222	ug/l	98
10) Methyl Iodide	4.007	142	48911	21.301	ug/l	99
11) Tert butyl alcohol	4.866	59	16440	114.811	ug/l	98
12) 1,1-Dichloroethene	3.787	96	44855	22.198	ug/l	97
13) Acrolein	3.647	56	19079	88.924	ug/l	95
14) Allyl chloride	4.384	41	68247	22.452	ug/l	98
15) Acrylonitrile	5.055	53	50290	116.636	ug/l	98
16) Acetone	3.872	43	38985	116.785	ug/l #	82
17) Carbon Disulfide	4.104	76	138519	21.481	ug/l	97
18) Methyl Acetate	4.391	43	30242	24.185	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	124020	23.118	ug/l	96
20) Methylene Chloride	4.616	84	51532	21.861	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	48010	21.763	ug/l	95
22) Diisopropyl ether	6.018	45	154900	23.090	ug/l	98
23) Vinyl Acetate	5.957	43	438371	113.806	ug/l	100
24) 1,1-Dichloroethane	5.915	63	90316	22.784	ug/l	99
25) 2-Butanone	6.896	43	63344	113.939	ug/l	97
26) 2,2-Dichloropropane	6.884	77	72791	20.279	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	57133	22.371	ug/l	100
28) Bromochloromethane	7.244	49	37950	22.926	ug/l	97
29) Tetrahydrofuran	7.262	42	42492	114.604	ug/l	99
30) Chloroform	7.421	83	91451	23.412	ug/l	98
31) Cyclohexane	7.695	56	83402	21.344	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	78657	22.188	ug/l	97
36) 1,1-Dichloropropene	7.835	75	65541	20.662	ug/l	99
37) Ethyl Acetate	6.982	43	31394	23.287	ug/l	99
38) Carbon Tetrachloride	7.817	117	68840	20.833	ug/l	96
39) Methylcyclohexane	9.109	83	84194	19.967	ug/l	99
40) Benzene	8.079	78	204274	21.642	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	17827	21.788	ug/l	92
42) 1,2-Dichloroethane	8.158	62	55429	22.235	ug/l	100
43) Isopropyl Acetate	8.195	43	63655	21.608	ug/l #	87
44) Trichloroethene	8.865	130	48848	20.935	ug/l	96
45) 1,2-Dichloropropane	9.140	63	49095	22.138	ug/l	100
46) Dibromomethane	9.231	93	27085	21.863	ug/l	99
47) Bromodichloromethane	9.420	83	68363	21.459	ug/l	99
48) Methyl methacrylate	9.219	41	29313	21.436	ug/l	99
49) 1,4-Dioxane	9.231	88	6107	446.301	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	158464	109.023	ug/l	98
52) Toluene	10.170	92	124518	21.121	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	59934	20.197	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	72299	20.735	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	33847	21.609	ug/l	97
56) Ethyl methacrylate	10.438	69	48106	21.402	ug/l	97
57) 1,3-Dichloropropane	10.713	76	59841	21.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	114668	102.360	ug/l	97
59) 2-Hexanone	10.761	43	103386	108.537	ug/l	99
60) Dibromochloromethane	10.908	129	41620	20.801	ug/l	97
61) 1,2-Dibromoethane	11.011	107	30765	21.475	ug/l	95
64) Tetrachloroethene	10.646	164	50033	20.524	ug/l	95
65) Chlorobenzene	11.438	112	130710	21.416	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	43433	21.003	ug/l	98
67) Ethyl Benzene	11.517	91	233369	20.592	ug/l	99
68) m/p-Xylenes	11.627	106	175815	40.918	ug/l	99
69) o-Xylene	11.956	106	83473	20.671	ug/l	100
70) Styrene	11.968	104	138213	20.555	ug/l	99
71) Bromoform	12.133	173	22879	21.122	ug/l #	100
73) Isopropylbenzene	12.255	105	214979	21.126	ug/l	100
74) N-amyl acetate	12.066	43	54359	21.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36547	22.795	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	26916m	20.783	ug/l	
77) Bromobenzene	12.529	156	46660	21.307	ug/l	96
78) n-propylbenzene	12.596	91	258848	21.196	ug/l	99
79) 2-Chlorotoluene	12.682	91	140123	21.197	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	168562	21.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11579	20.219	ug/l	94
82) 4-Chlorotoluene	12.779	91	143318	21.050	ug/l	99
83) tert-Butylbenzene	12.999	119	153276	21.337	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	167123	20.887	ug/l	99
85) sec-Butylbenzene	13.176	105	227335	21.339	ug/l	99
86) p-Isopropyltoluene	13.291	119	183805	20.661	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	91908	20.859	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	89674	21.285	ug/l	98
89) n-Butylbenzene	13.615	91	178440	21.392	ug/l	99
90) Hexachloroethane	13.877	117	37771	21.335	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	79820	21.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5590	22.564	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	43765	21.451	ug/l	97
94) Hexachlorobutadiene	15.023	225	23775	22.204	ug/l	95
95) Naphthalene	15.145	128	83556	22.153	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	37490	22.405	ug/l	98

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

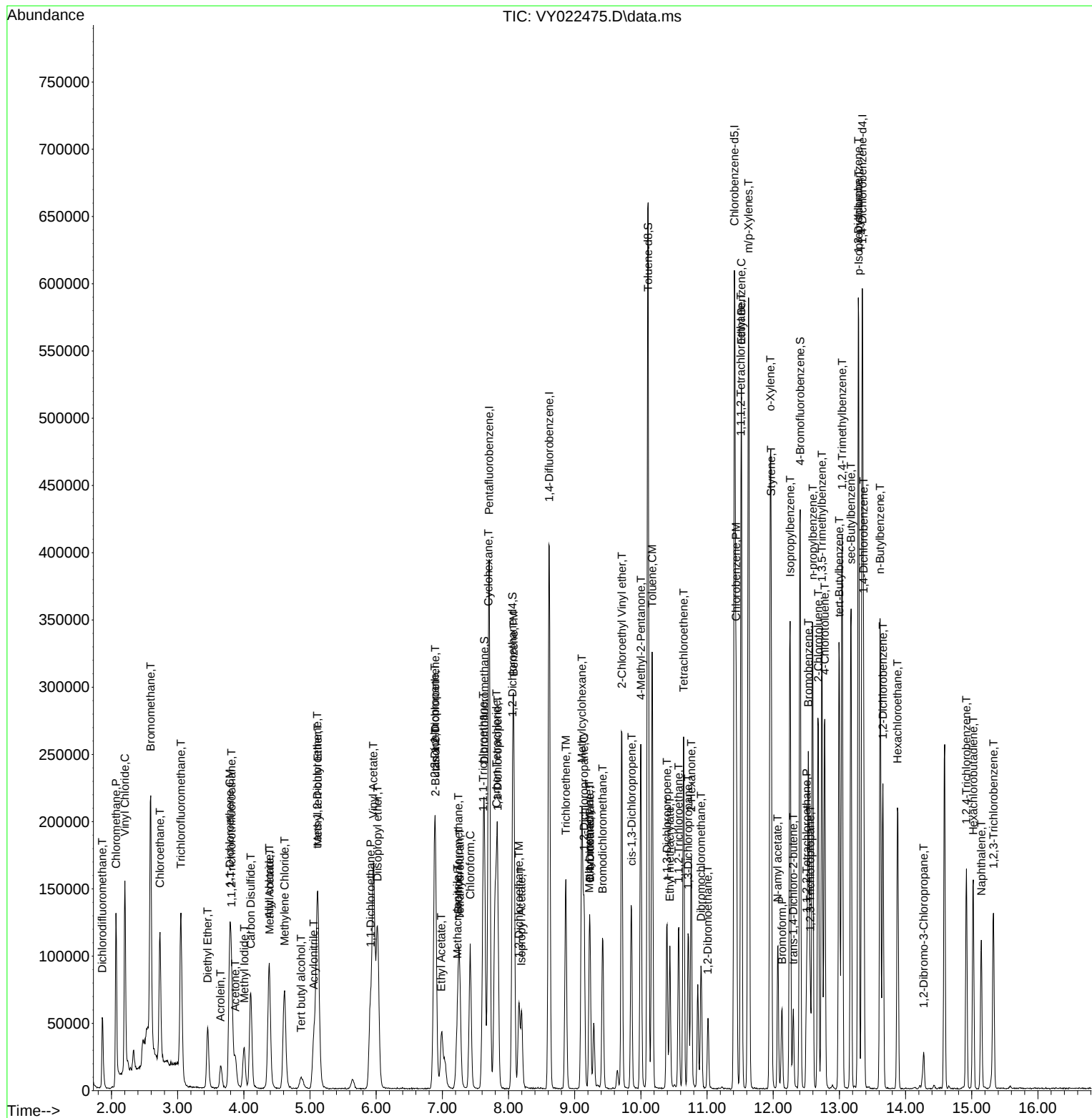
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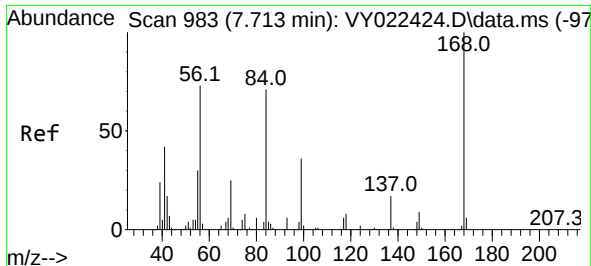
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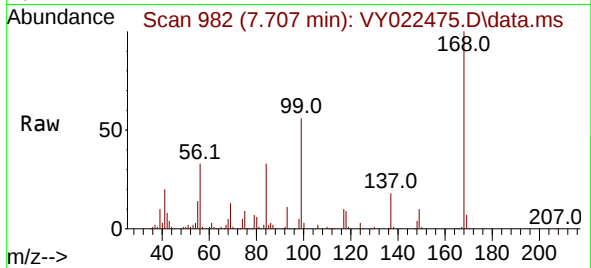
Reviewed By : John Carlone 06/02/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022475.D
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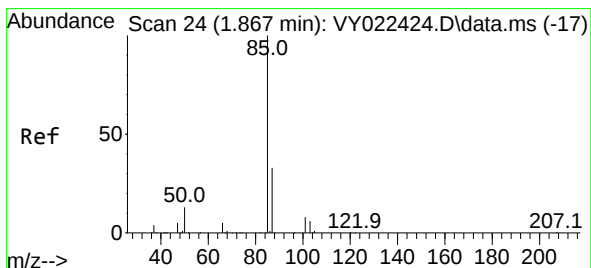
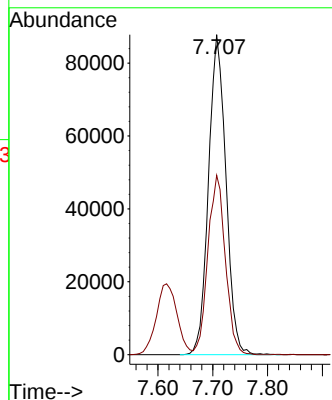
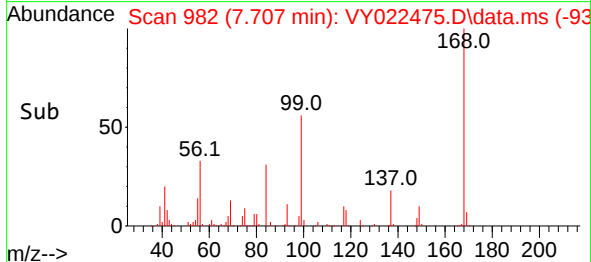
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



Tgt Ion:168 Resp: 19286
Ion Ratio Lower Upper
168 100
99 55.9 44.7 67.1

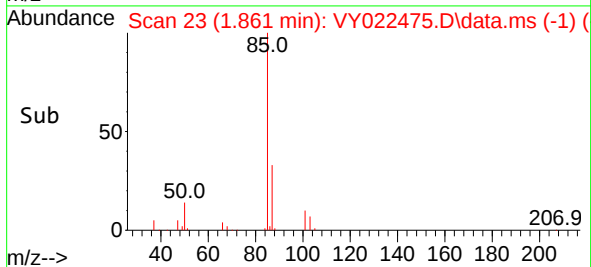
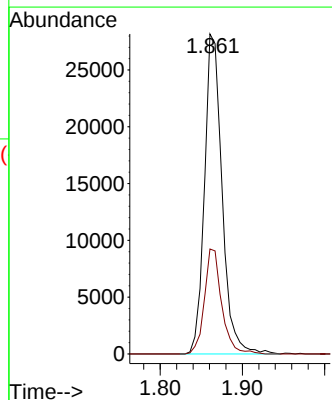
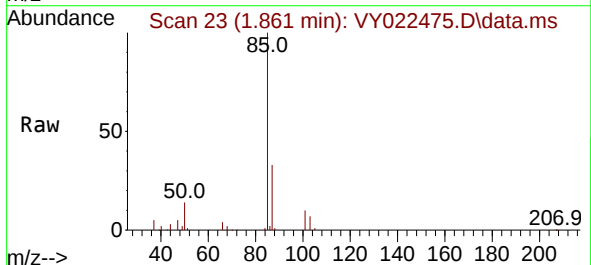
Manual Integrations
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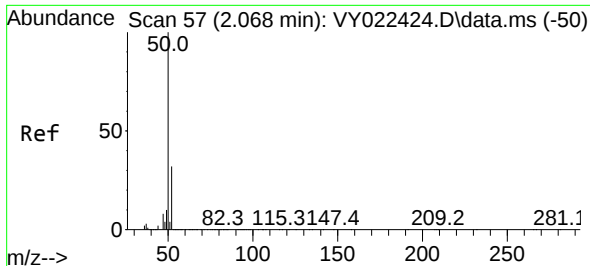
Reviewed By :John Carlone 06/02/2025
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#2
Dichlorodifluoromethane
Concen: 22.778 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

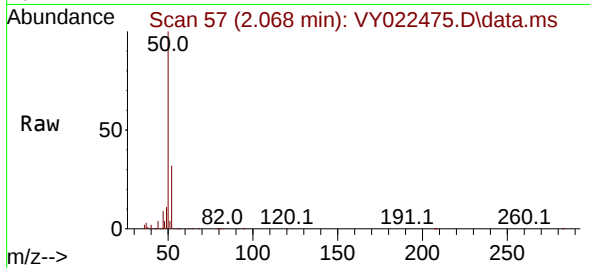
Tgt Ion: 85 Resp: 41913
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3
Chloromethane
Concen: 22.482 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

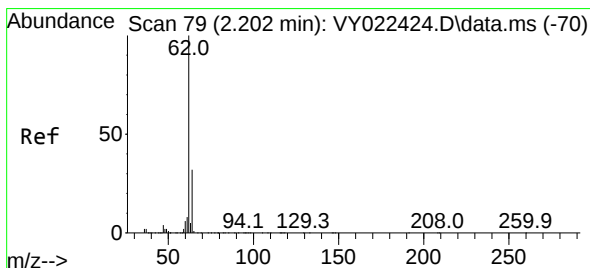
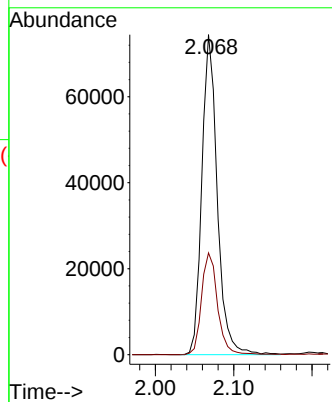
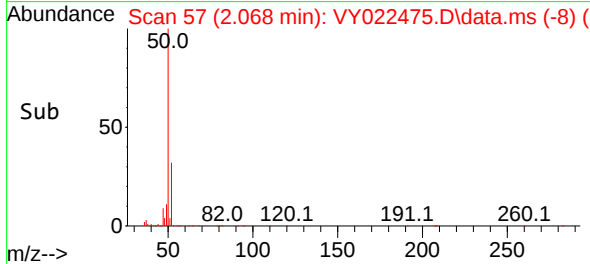
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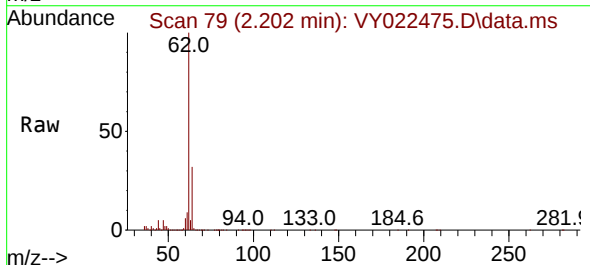
Tgt Ion: 50 Resp: 101758
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3

Manual Integrations
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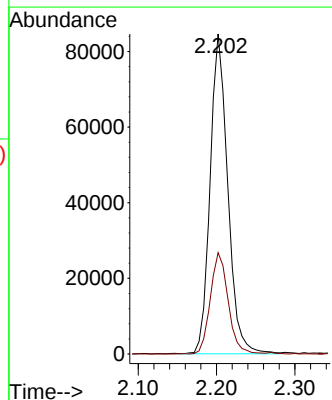
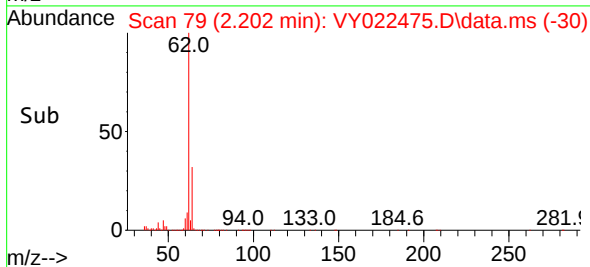
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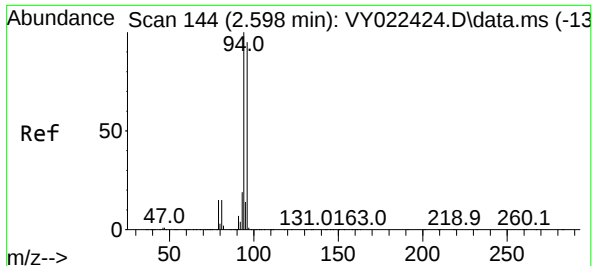


#4
Vinyl Chloride
Concen: 24.038 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



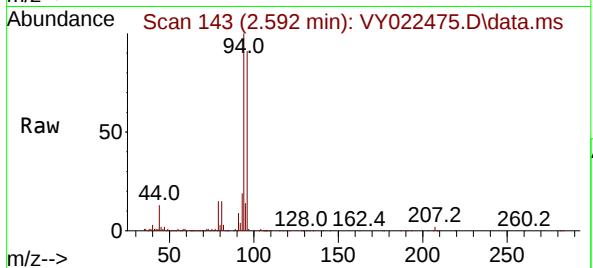
Tgt Ion: 62 Resp: 132171
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 25.863 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022475.D
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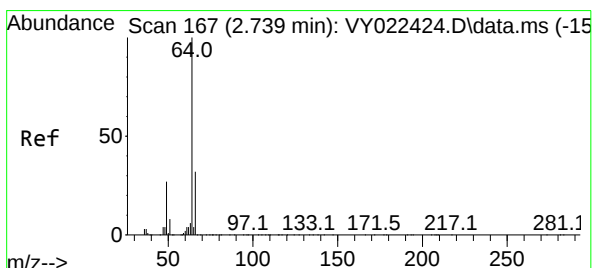
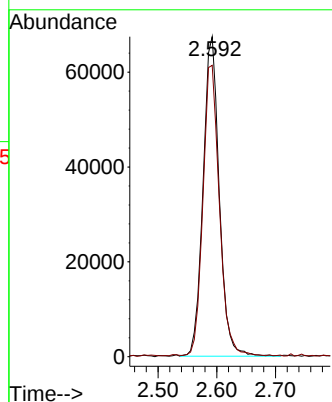
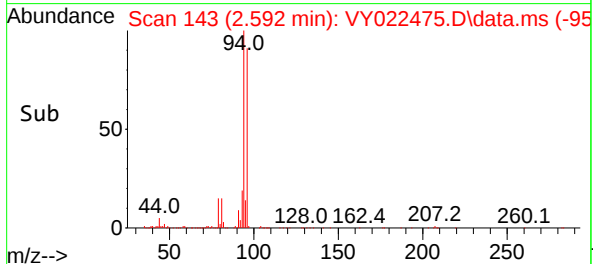
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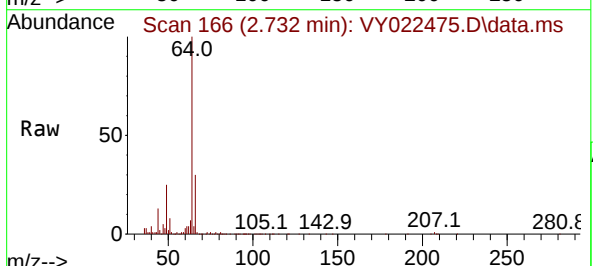
Tgt Ion: 94 Resp: 129230
Ion Ratio Lower Upper
94 100
96 90.8 76.0 114.0

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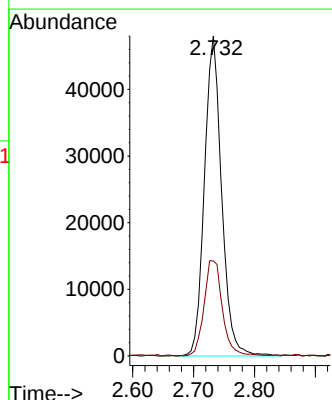
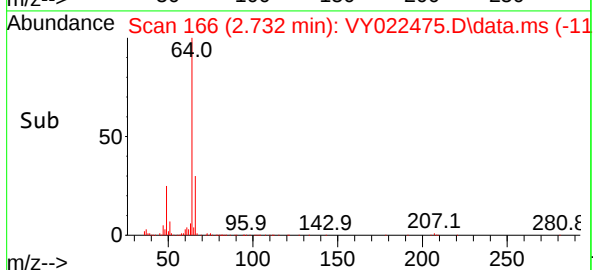
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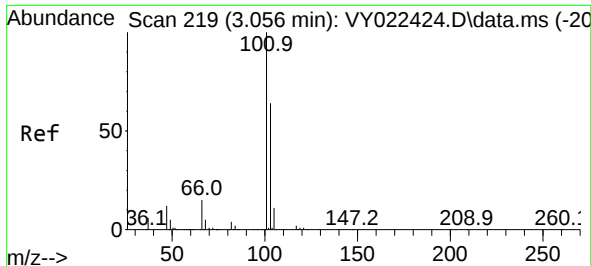


#6
Chloroethane
Concen: 26.220 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022475.D
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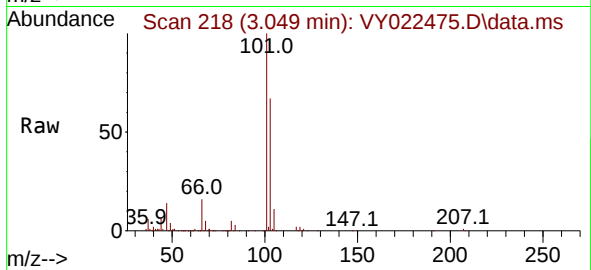
Tgt Ion: 64 Resp: 94210
Ion Ratio Lower Upper
64 100
66 29.6 25.9 38.9





#7
Trichlorofluoromethane
Concen: 25.132 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

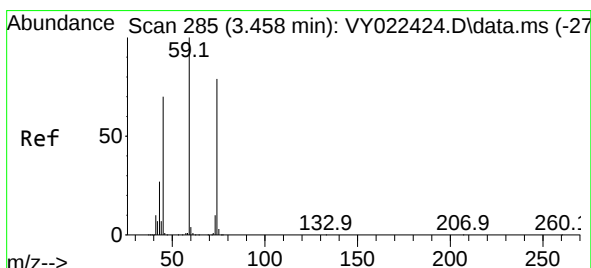
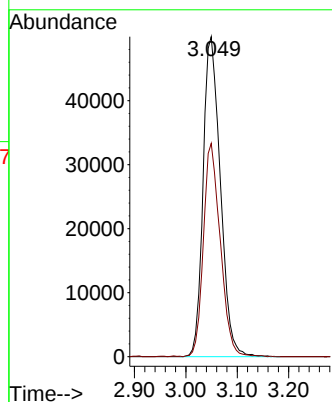
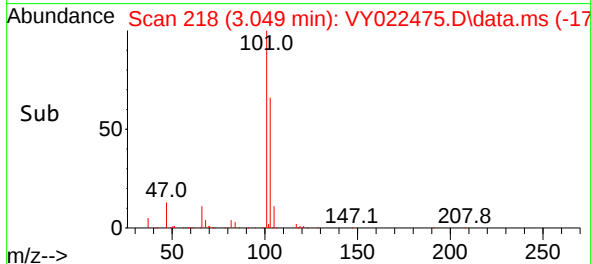
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Tgt Ion:101 Resp: 11659
Ion Ratio Lower Upper
101 100
103 66.7 50.9 76.3

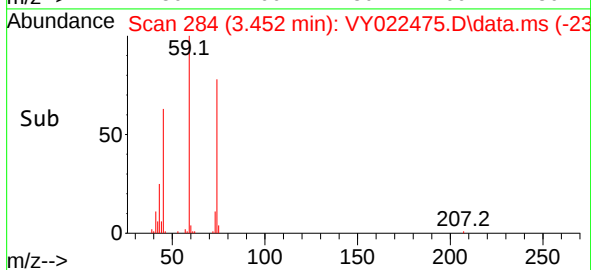
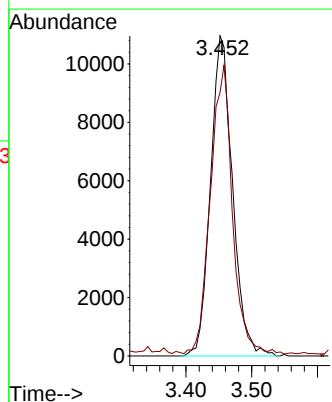
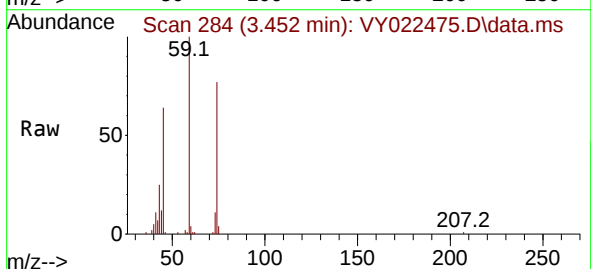
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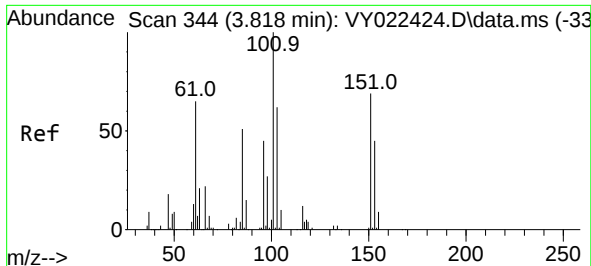
Reviewed By :John Carlone 06/02/2025
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#8
Diethyl Ether
Concen: 23.899 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Tgt Ion: 74 Resp: 25565
Ion Ratio Lower Upper
74 100
45 89.3 44.9 134.5





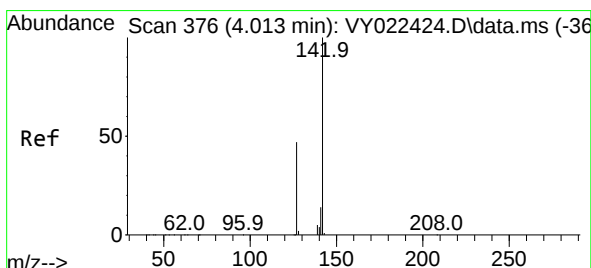
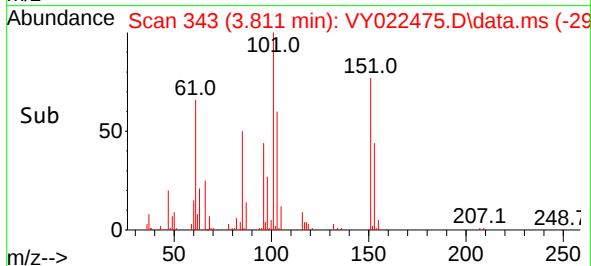
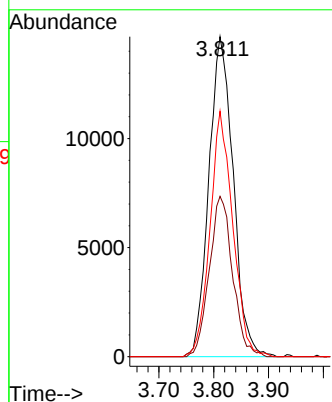
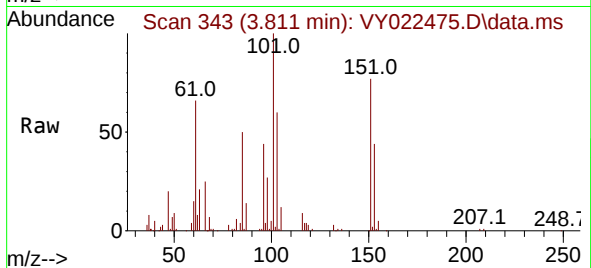
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.222 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion:101 Resp: 45228
Ion Ratio Lower Upper
101 100
85 48.0 39.2 58.8
151 71.9 58.8 88.2

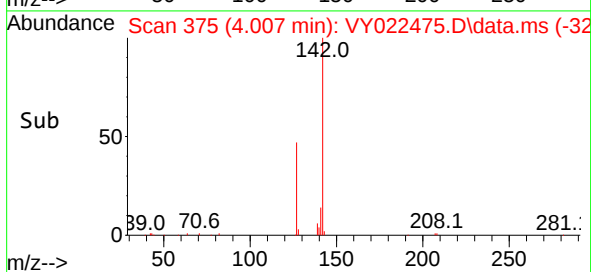
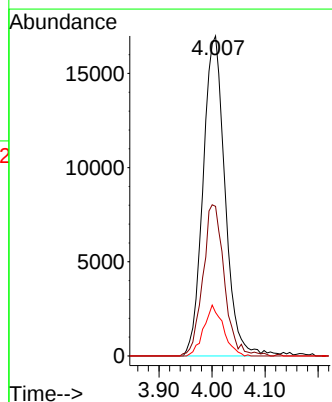
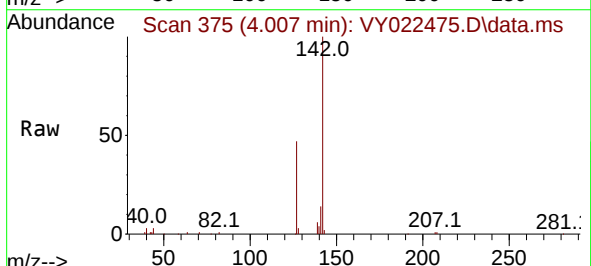
Manual Integrations
APPROVED

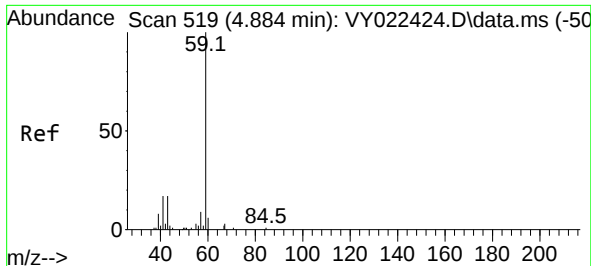
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#10
Methyl Iodide
Concen: 21.301 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

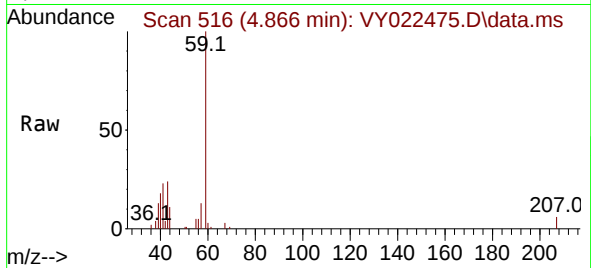
Tgt Ion:142 Resp: 48911
Ion Ratio Lower Upper
142 100
127 46.2 36.2 54.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 114.811 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

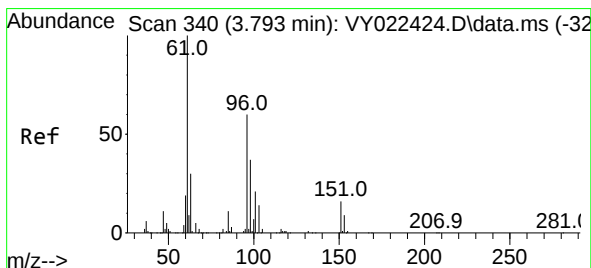
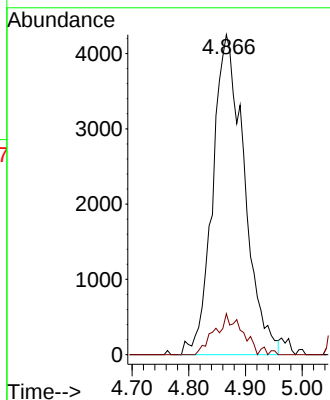
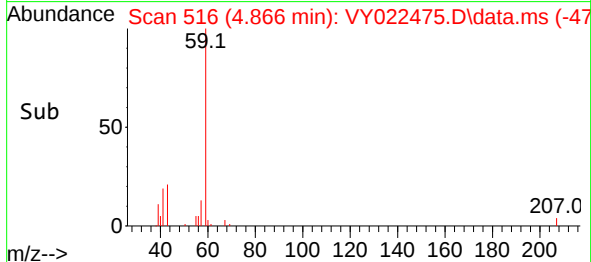
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



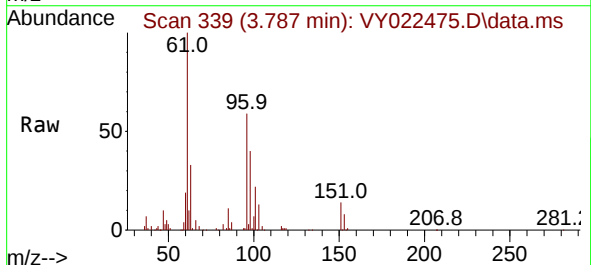
Tgt Ion: 59 Resp: 16440
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

Manual Integrations
APPROVED

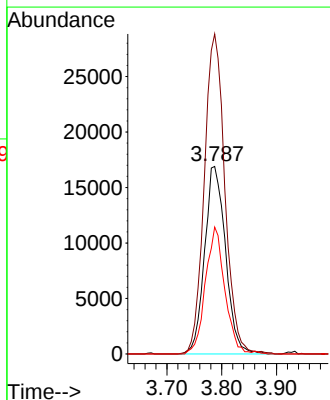
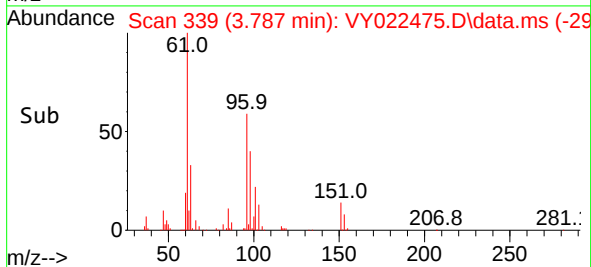
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

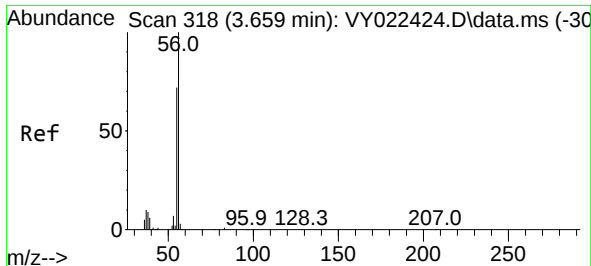


#12
1,1-Dichloroethene
Concen: 22.198 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



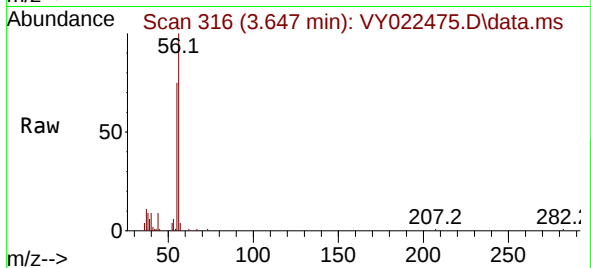
Tgt Ion: 96 Resp: 44855
Ion Ratio Lower Upper
96 100
61 170.6 134.1 201.1
98 67.6 50.2 75.2





#13
Acrolein
Concen: 88.924 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

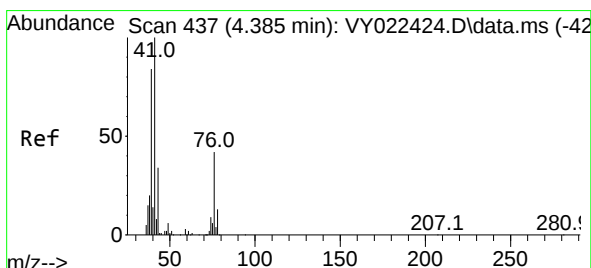
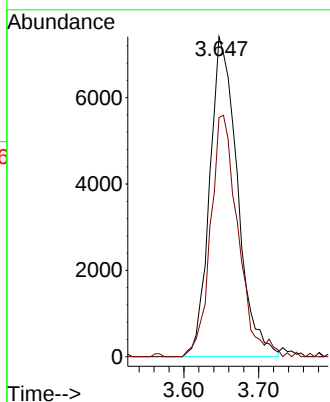
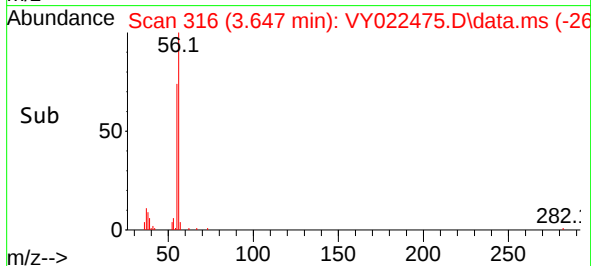
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



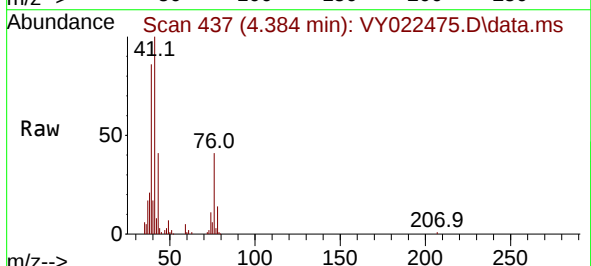
Tgt Ion: 56 Resp: 19079
Ion Ratio Lower Upper
56 100
55 75.0 56.5 84.7

Manual Integrations
APPROVED

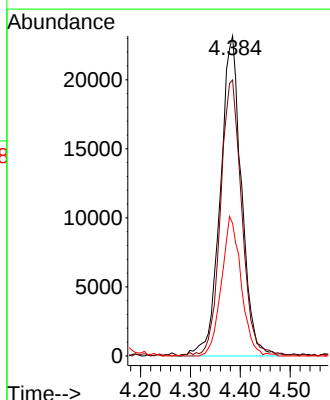
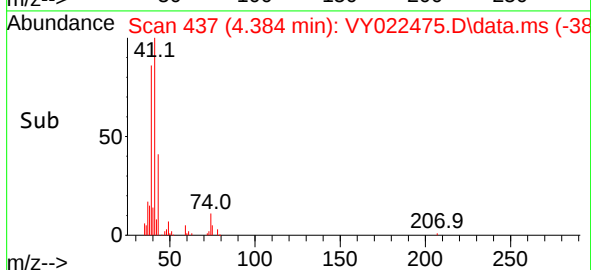
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

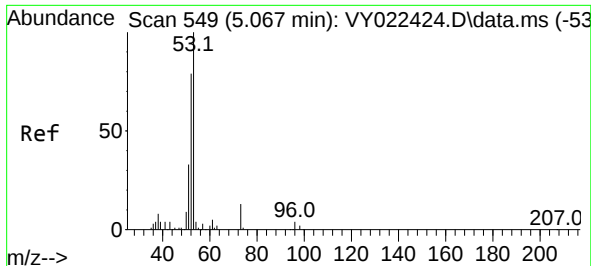


#14
Allyl chloride
Concen: 22.452 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



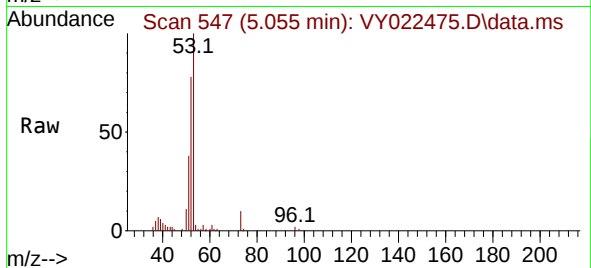
Tgt Ion: 41 Resp: 68247
Ion Ratio Lower Upper
41 100
39 85.1 66.6 100.0
76 40.7 33.7 50.5





#15
Acrylonitrile
Concen: 116.636 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

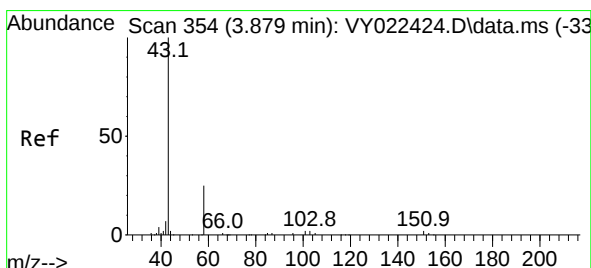
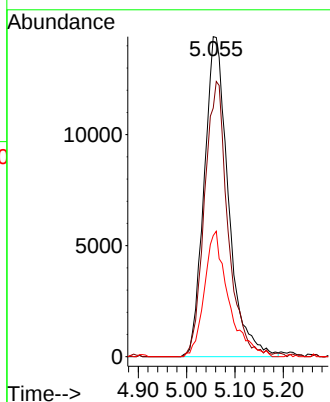
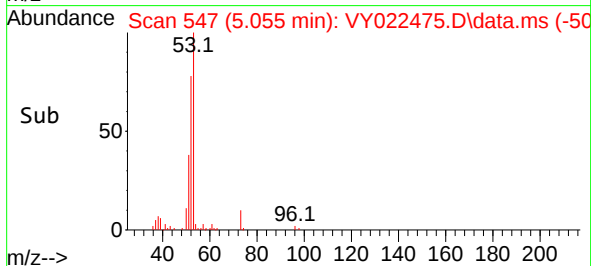
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 53 Resp: 50290
Ion Ratio Lower Upper
53 100
52 82.9 65.1 97.7
51 39.0 30.0 45.0

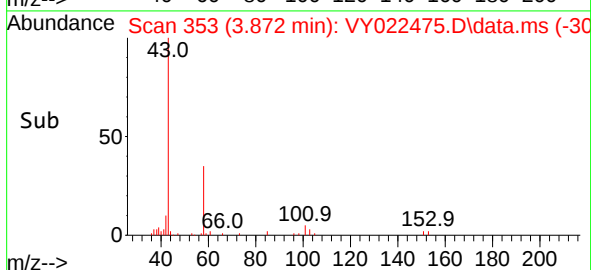
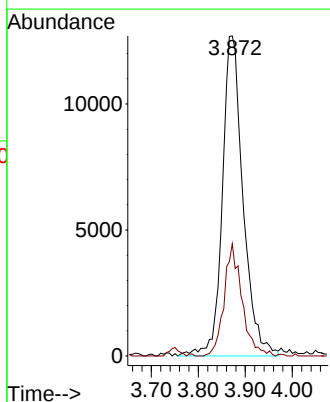
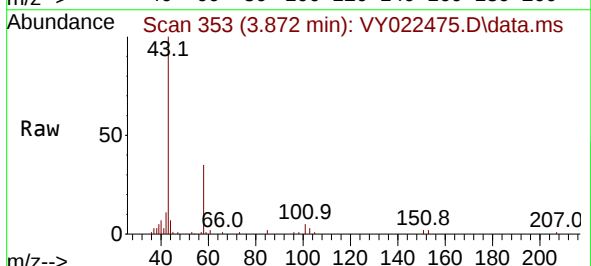
Manual Integrations
APPROVED

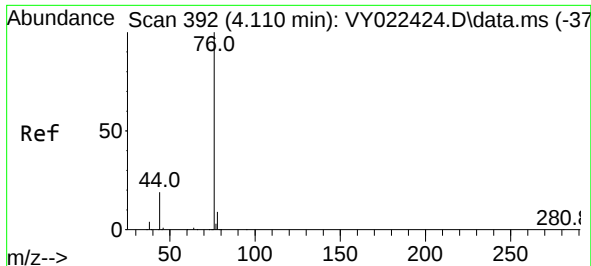
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#16
Acetone
Concen: 116.785 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

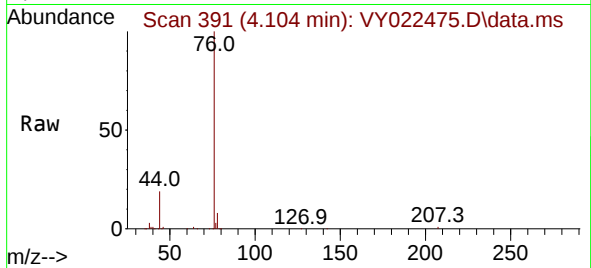
Tgt Ion: 43 Resp: 38985
Ion Ratio Lower Upper
43 100
58 34.6 20.6 30.8#





#17
Carbon Disulfide
Concen: 21.481 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

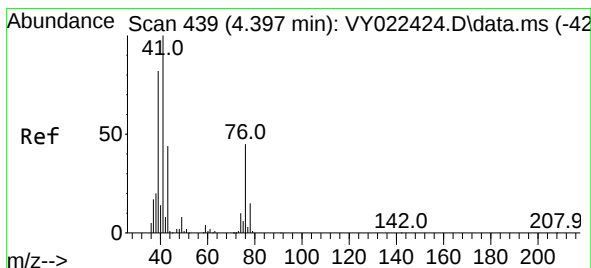
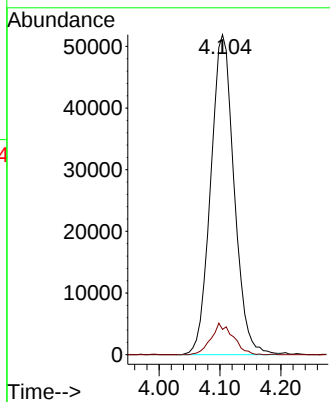
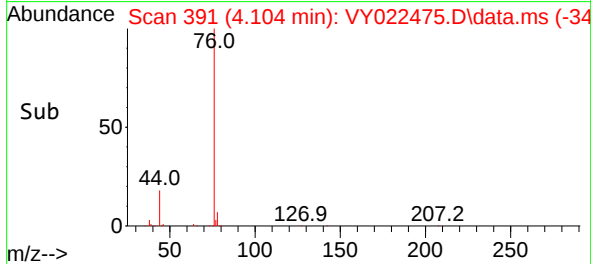
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 76 Resp: 138519
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

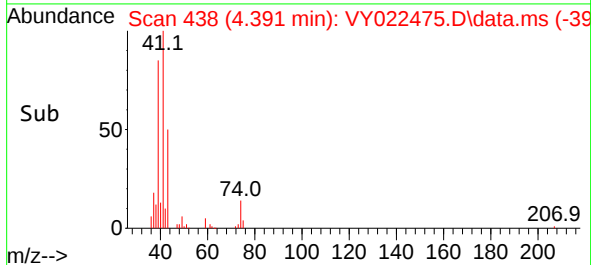
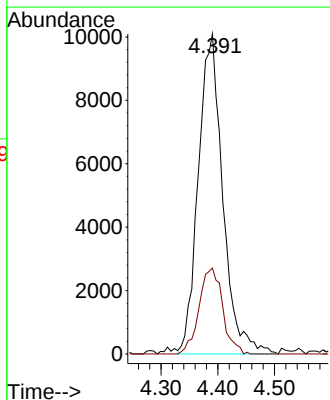
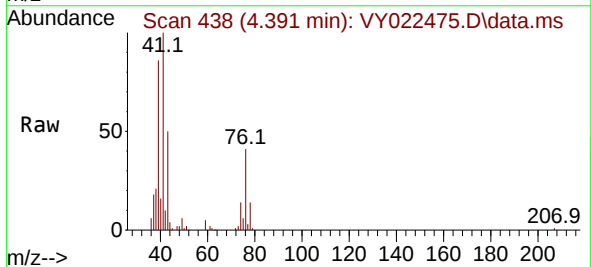
Manual Integrations
APPROVED

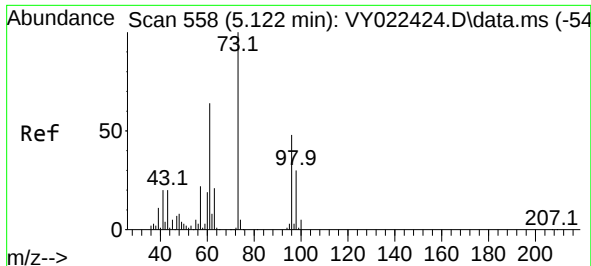
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#18
Methyl Acetate
Concen: 24.185 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

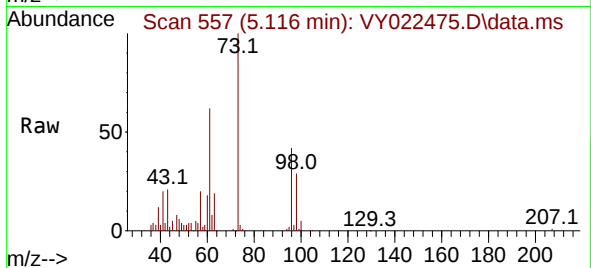
Tgt Ion: 43 Resp: 30242
Ion Ratio Lower Upper
43 100
74 25.8 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 23.118 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

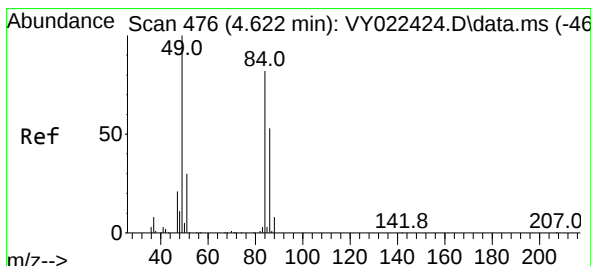
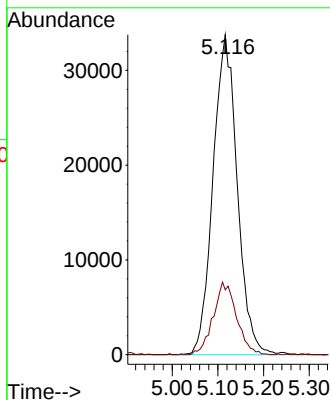
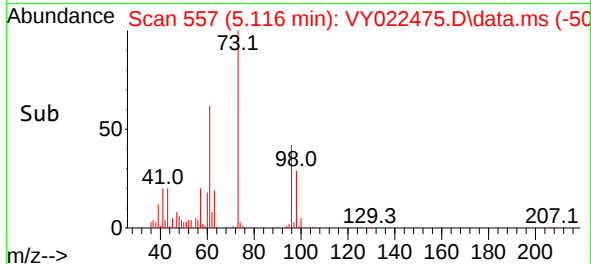
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 73 Resp: 124020
Ion Ratio Lower Upper
73 100
57 20.2 17.7 26.5

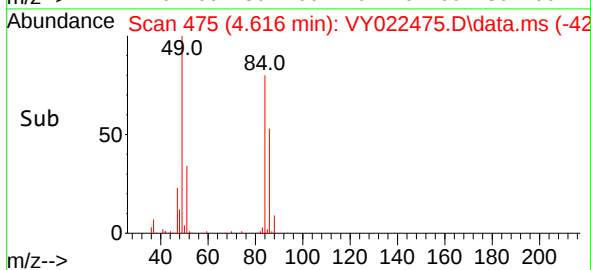
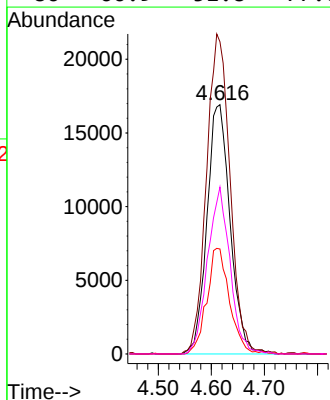
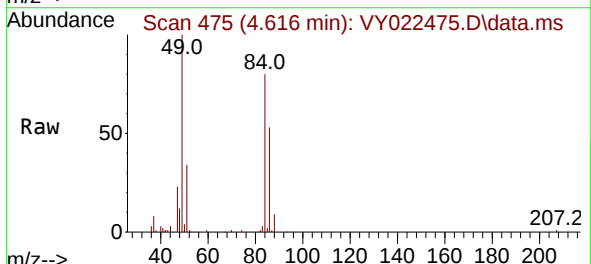
Manual Integrations
APPROVED

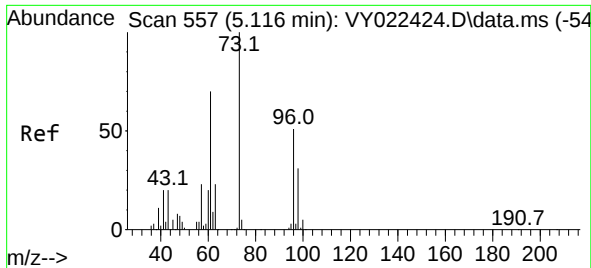
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#20
Methylene Chloride
Concen: 21.861 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

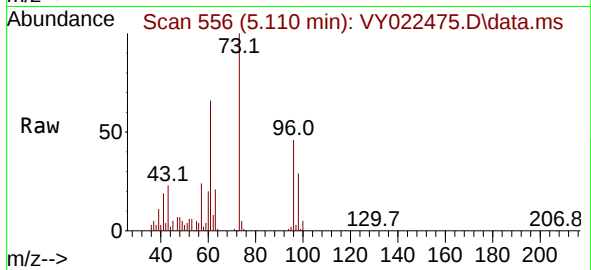
Tgt Ion: 84 Resp: 51532
Ion Ratio Lower Upper
84 100
49 125.2 97.8 146.8
51 42.1 29.5 44.3
86 66.9 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 21.763 ug/l
RT: 5.110 min Scan# 510
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

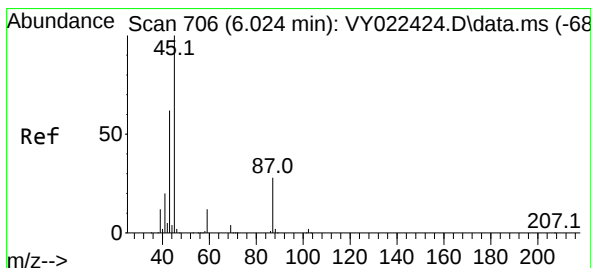
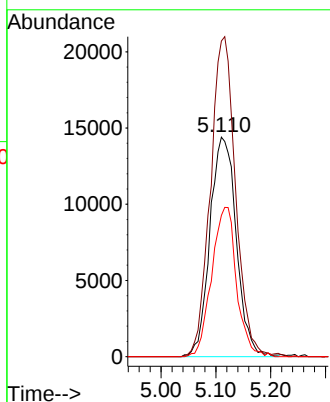
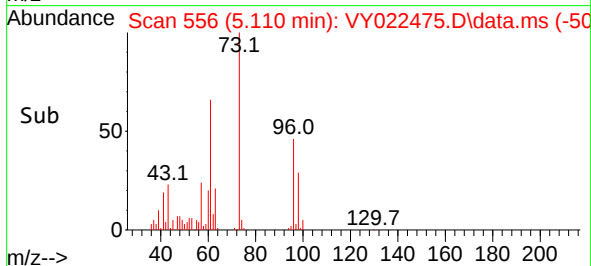
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 96 Resp: 48010
Ion Ratio Lower Upper
96 100
61 143.8 110.4 165.6
98 64.3 48.6 73.0

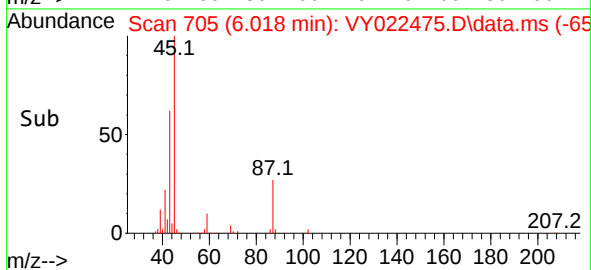
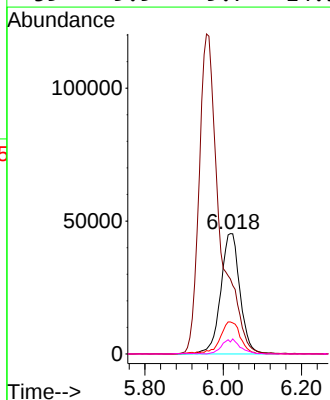
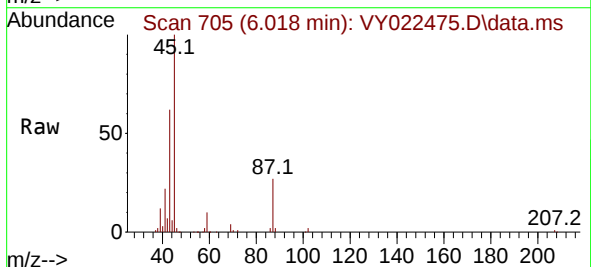
Manual Integrations
APPROVED

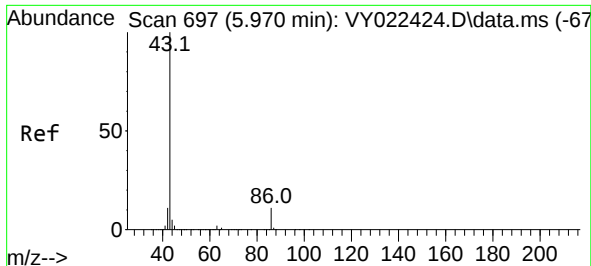
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#22
Diisopropyl ether
Concen: 23.090 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

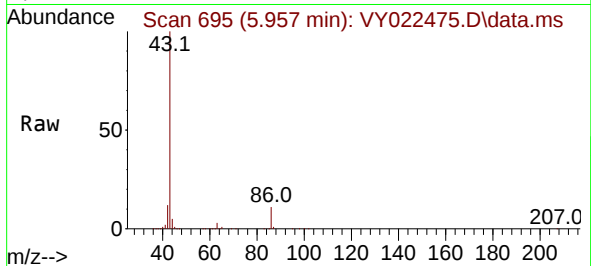
Tgt Ion: 45 Resp: 154900
Ion Ratio Lower Upper
45 100
43 62.1 49.8 74.8
87 26.5 23.0 34.6
59 9.9 9.7 14.5





#23
 Vinyl Acetate
 Concen: 113.806 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022475.D
 Acq: 30 May 2025 13:37

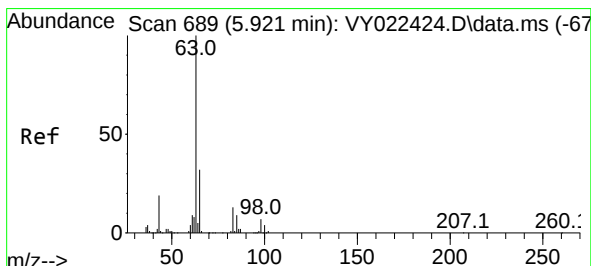
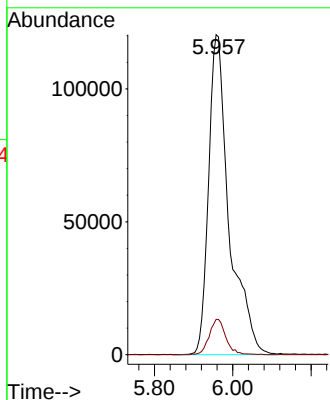
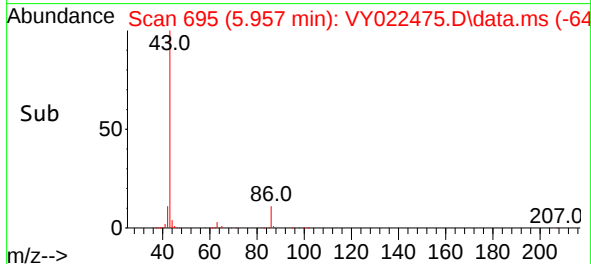
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBSD01



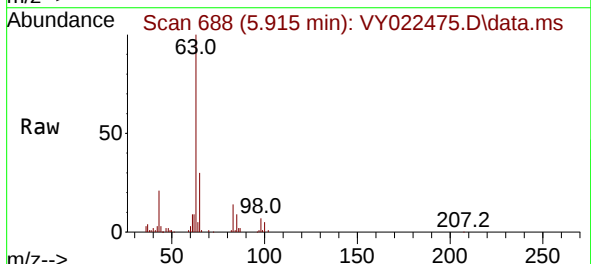
Tgt Ion: 43 Resp: 43837
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2

Manual Integrations
 APPROVED

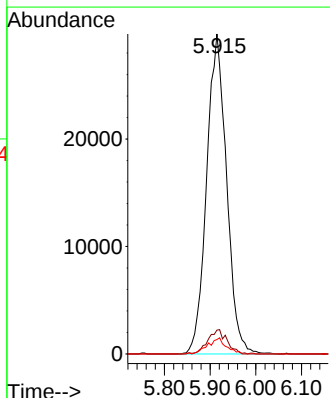
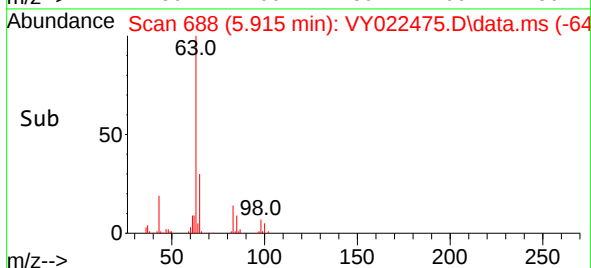
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

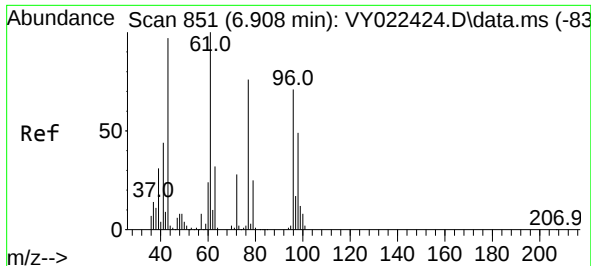


#24
 1,1-Dichloroethane
 Concen: 22.784 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022475.D
 Acq: 30 May 2025 13:37



Tgt Ion: 63 Resp: 90316
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 113.939 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBSD01

Tgt Ion: 43 Resp: 6334

Ion Ratio Lower Upper

43 100

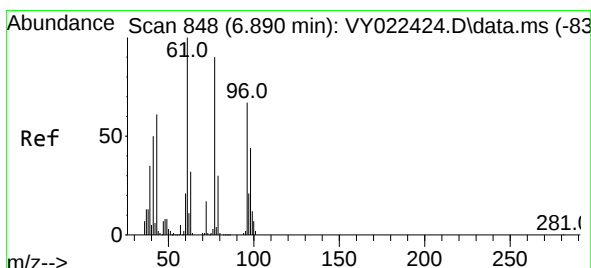
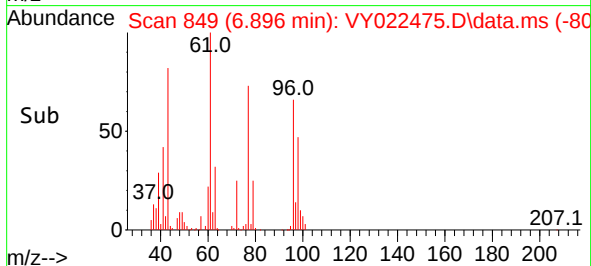
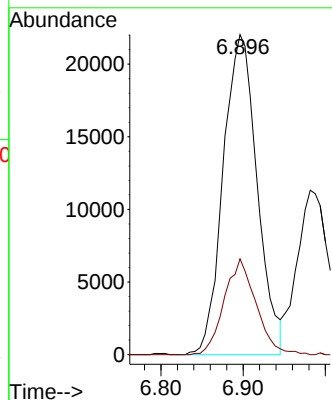
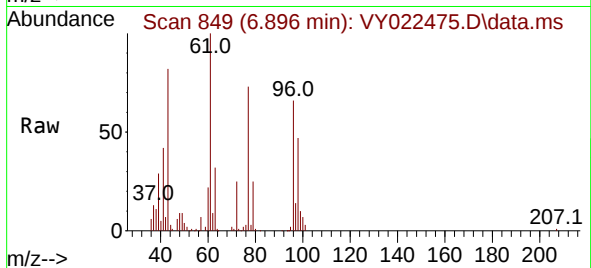
72 30.0 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#26

2,2-Dichloropropane

Concen: 20.279 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022475.D

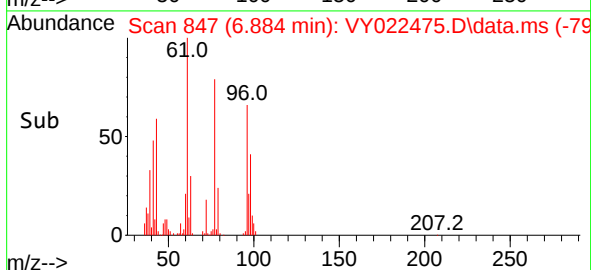
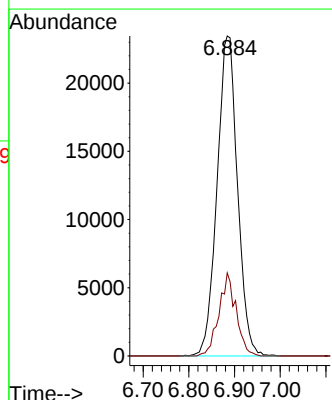
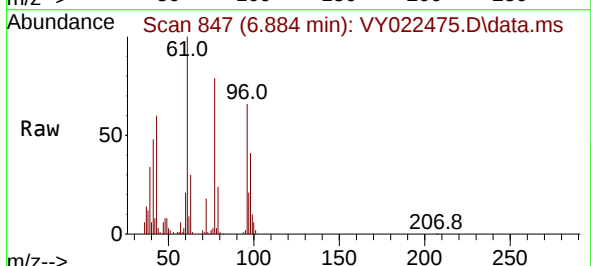
Acq: 30 May 2025 13:37

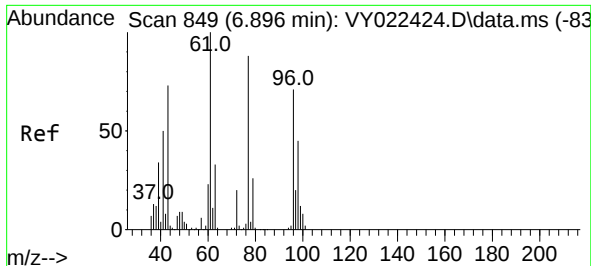
Tgt Ion: 77 Resp: 72791

Ion Ratio Lower Upper

77 100

97 21.8 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 22.371 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 96 Resp: 5713

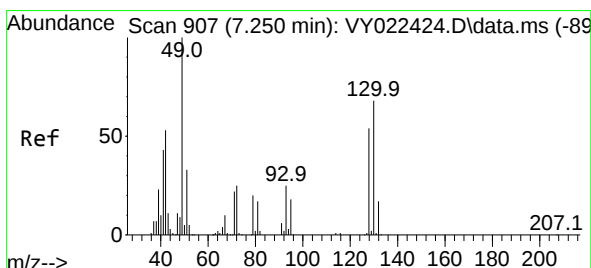
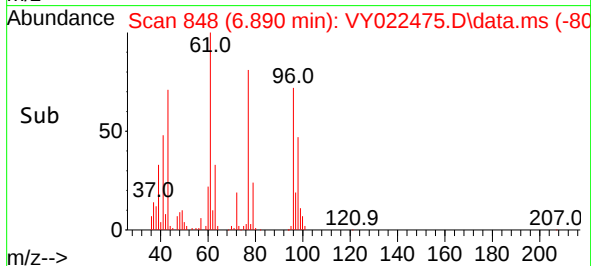
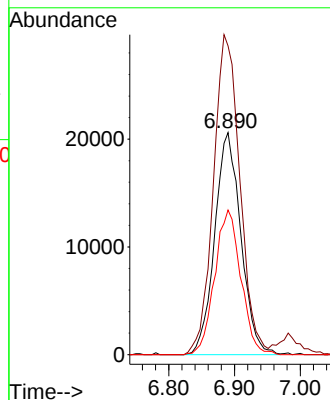
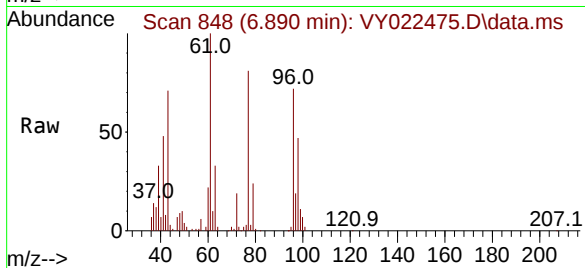
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	292.0
98	65.1	0.0	131.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#28

Bromochloromethane

Concen: 22.926 ug/l

RT: 7.244 min Scan# 906

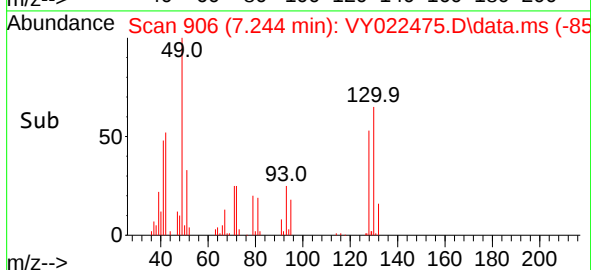
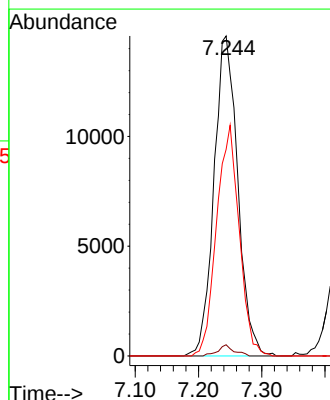
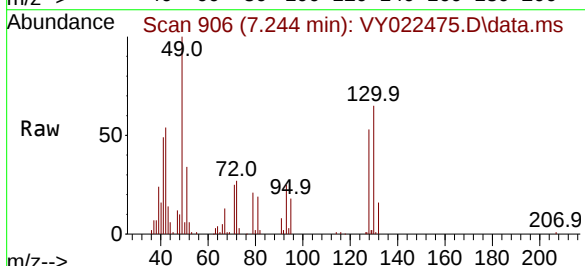
Delta R.T. -0.006 min

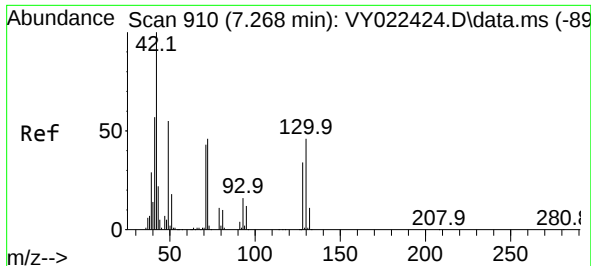
Lab File: VY022475.D

Acq: 30 May 2025 13:37

Tgt Ion: 49 Resp: 37950

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	68.8	56.9	85.3





#29

Tetrahydrofuran

Concen: 114.604 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022475.D

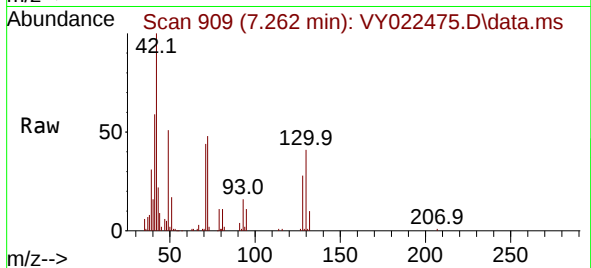
Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBSD01



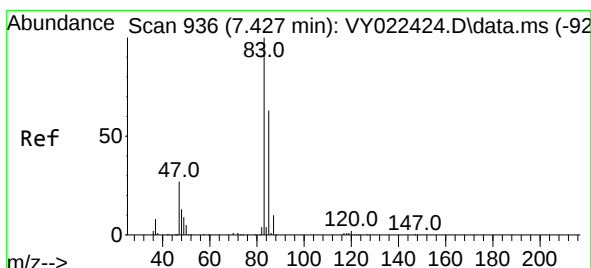
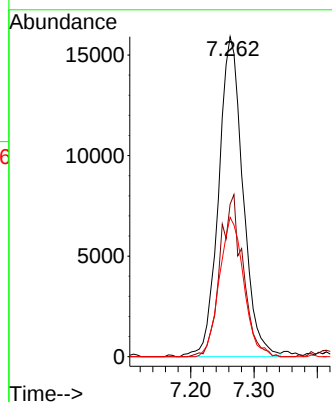
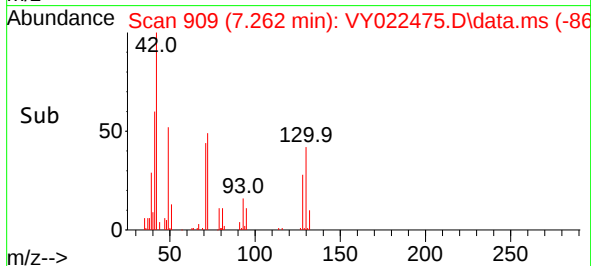
Tgt Ion:	42	Resp:	4249
Ion Ratio	100	Lower	Upper
42	100		
72	47.8	37.7	56.5
71	43.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#30

Chloroform

Concen: 23.412 ug/l

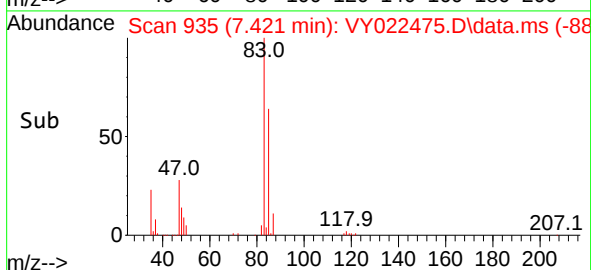
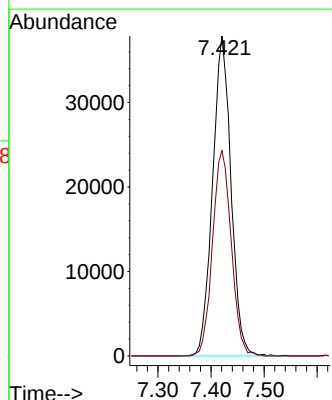
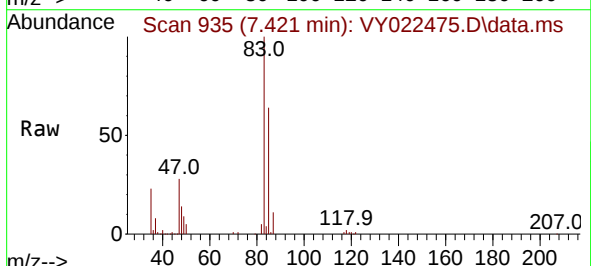
RT: 7.421 min Scan# 935

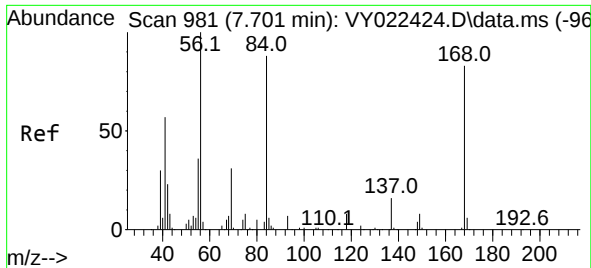
Delta R.T. -0.006 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

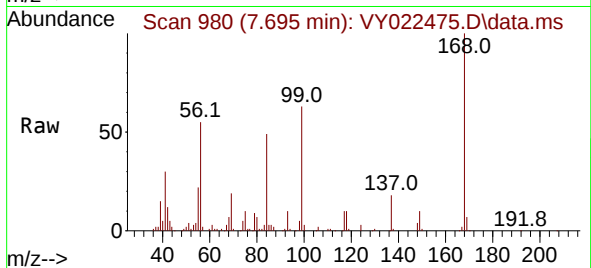
Tgt Ion:	83	Resp:	91451
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	50.1	75.1





#31
Cyclohexane
Concen: 21.344 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

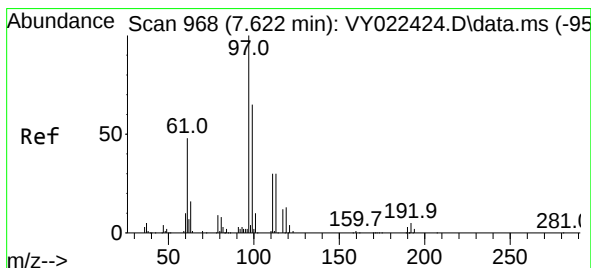
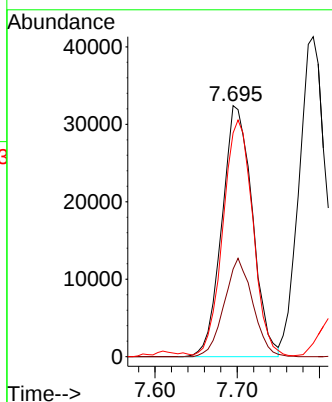
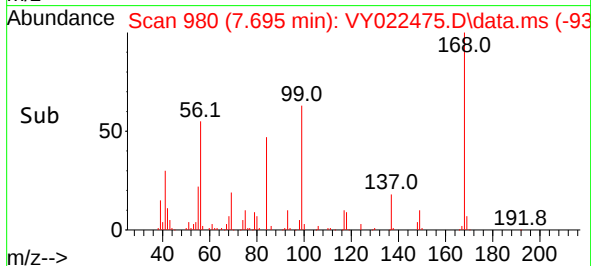
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



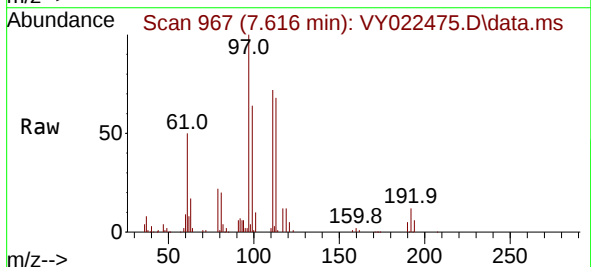
Tgt Ion: 56 Resp: 8340
Ion Ratio Lower Upper
56 100
69 34.8 24.6 36.8
84 87.9 70.4 105.6

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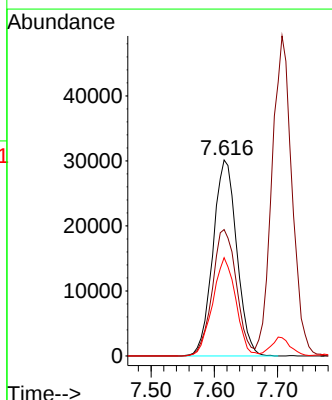
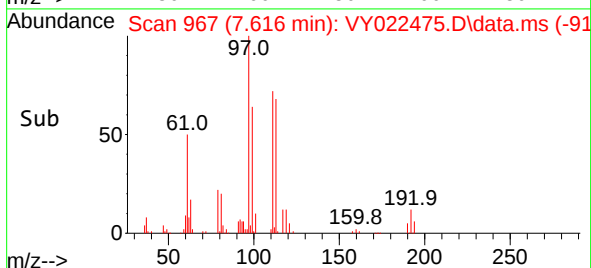
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

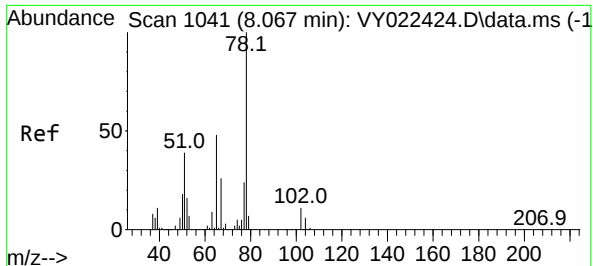


#32
1,1,1-Trichloroethane
Concen: 22.188 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



Tgt Ion: 97 Resp: 78657
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 49.0 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 55.376 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 65 Resp: 112494

Ion Ratio Lower Upper

65 100

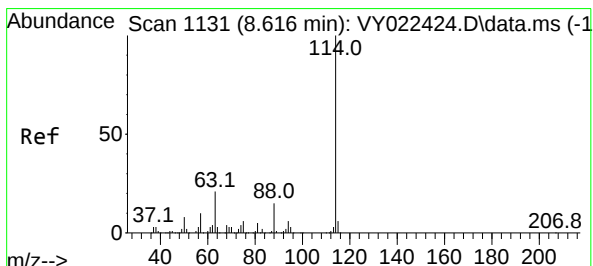
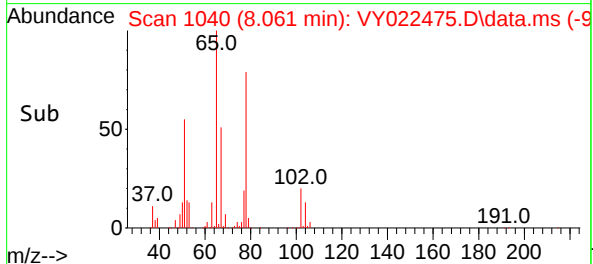
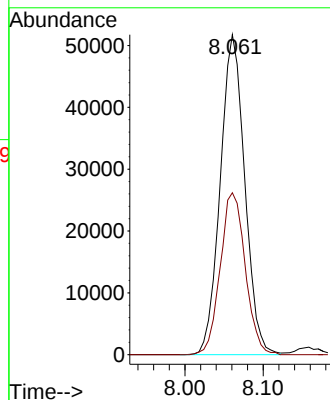
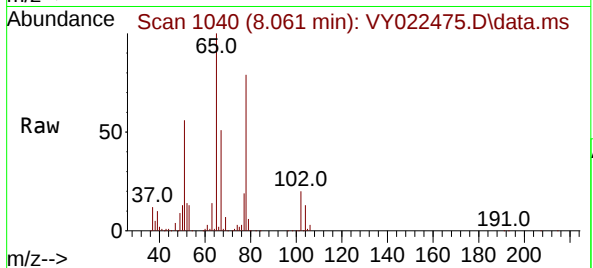
67 51.7 0.0 104.4

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: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

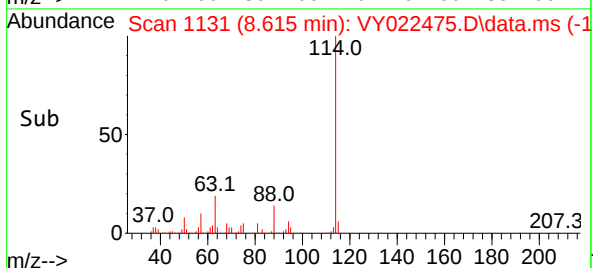
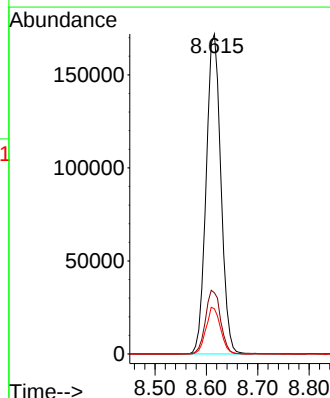
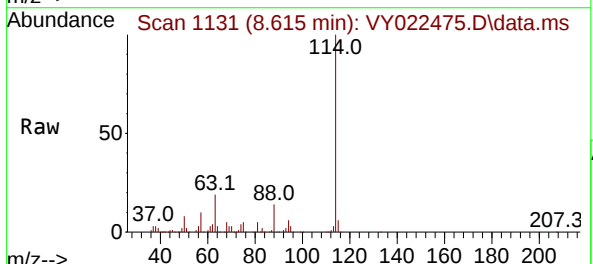
Tgt Ion:114 Resp: 341345

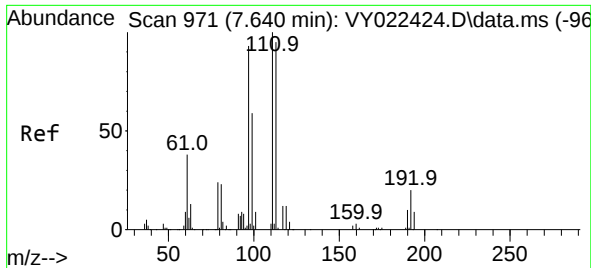
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

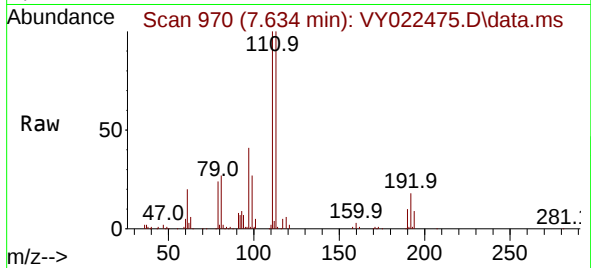
88 14.1 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

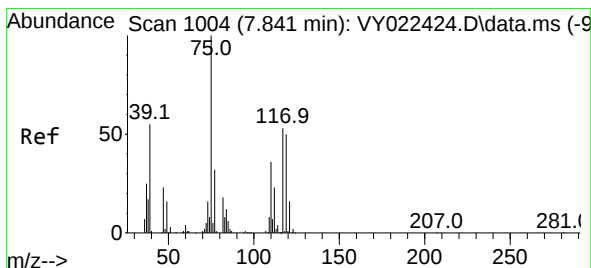
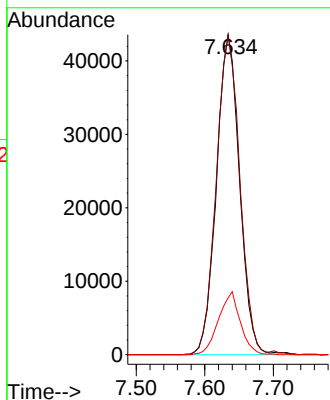
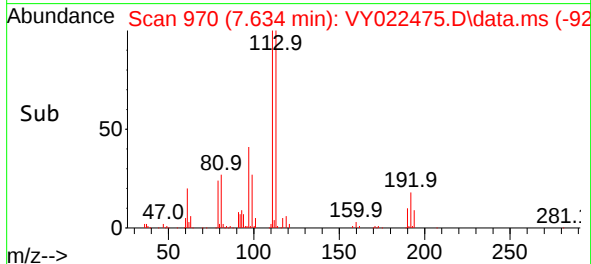
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



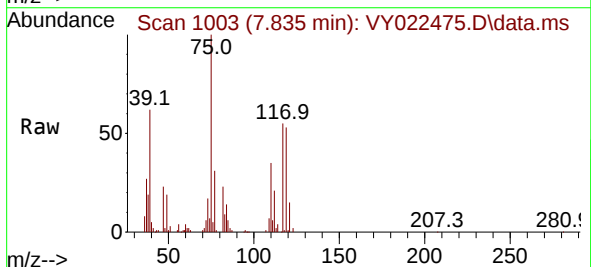
Tgt Ion: 113 Resp: 101870
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.6 15.2 22.8

Manual Integrations
APPROVED

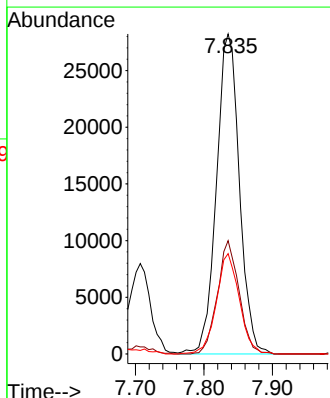
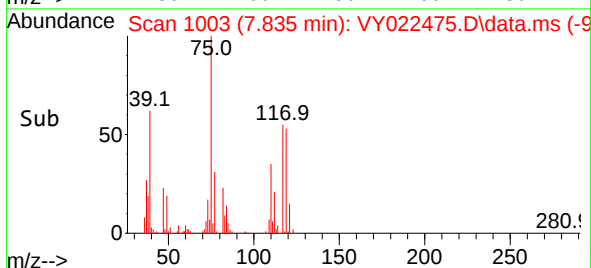
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

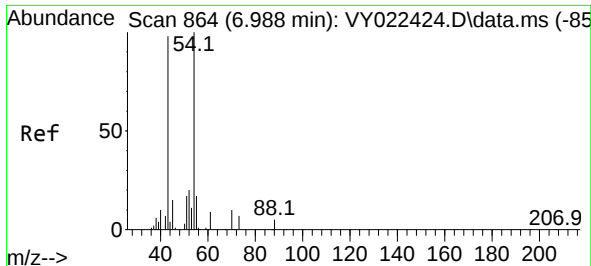


#36
1,1-Dichloropropene
Concen: 20.662 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



Tgt Ion: 75 Resp: 65541
Ion Ratio Lower Upper
75 100
110 33.4 17.1 51.2
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 23.287 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022475.D

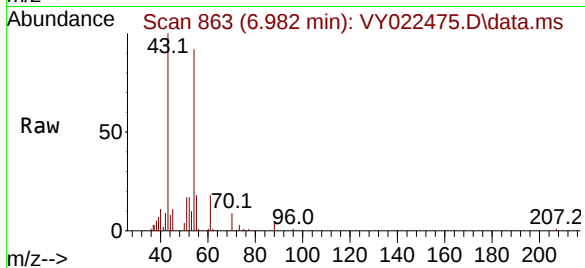
Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01



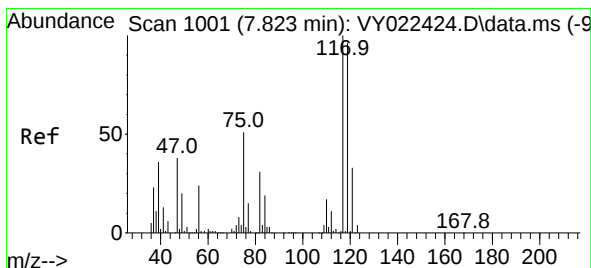
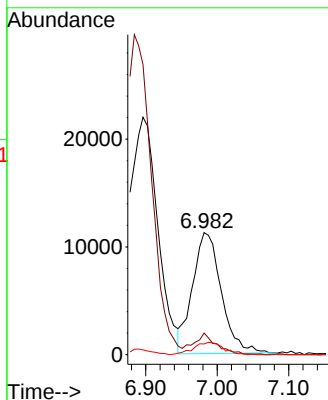
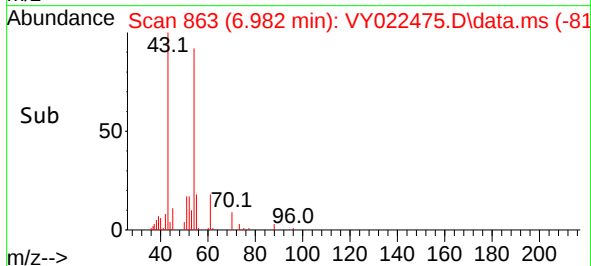
Tgt Ion: 43	Resp: 31394
Ion Ratio	Lower Upper
43	100
61	14.2 11.7 17.5
70	10.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#38

Carbon Tetrachloride

Concen: 20.833 ug/l

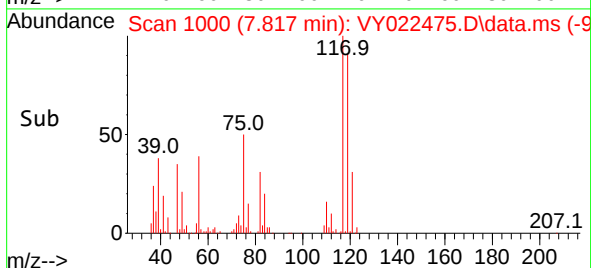
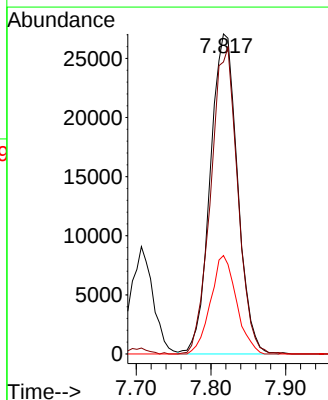
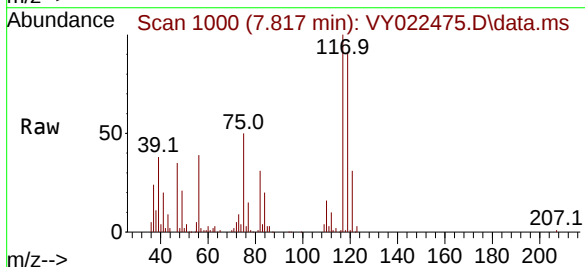
RT: 7.817 min Scan# 1000

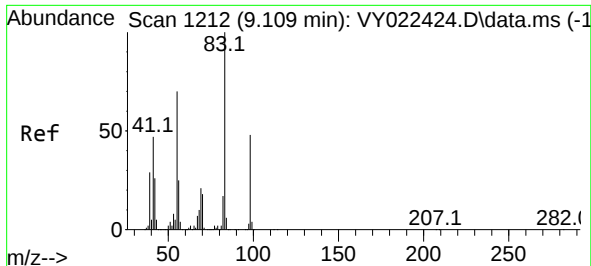
Delta R.T. -0.006 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

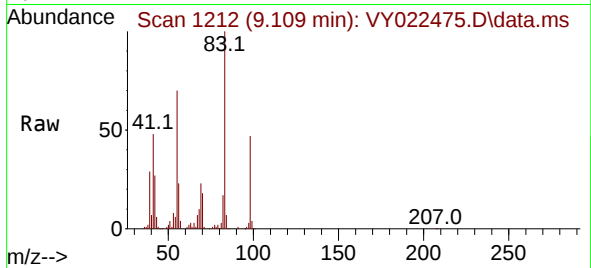
Tgt Ion: 117	Resp: 68840
Ion Ratio	Lower Upper
117	100
119	91.3 76.3 114.5
121	30.7 26.1 39.1





#39
Methylcyclohexane
Concen: 19.967 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

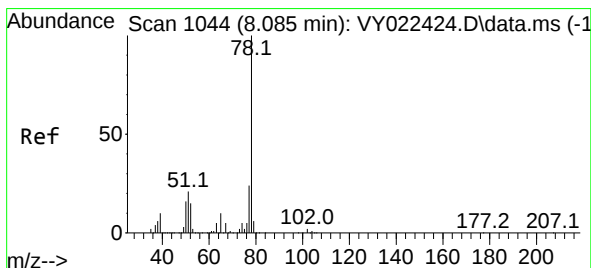
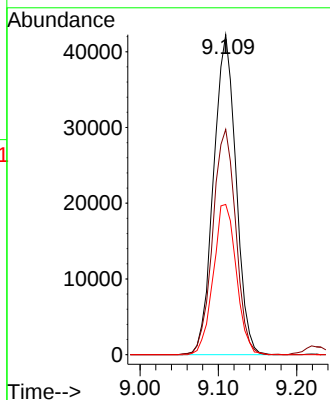
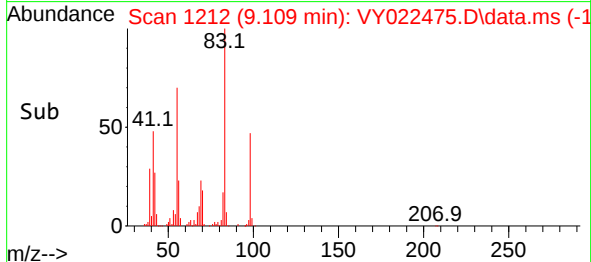
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 83 Resp: 84194
Ion Ratio Lower Upper
83 100
55 70.4 56.2 84.2
98 47.0 38.4 57.6

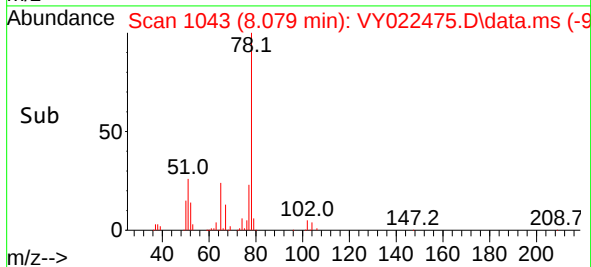
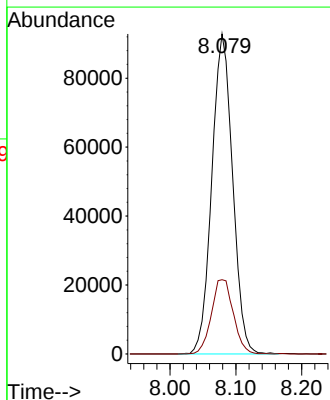
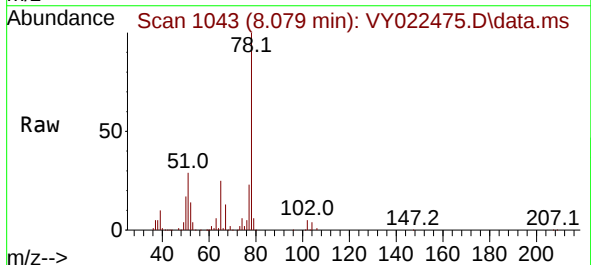
Manual Integrations
APPROVED

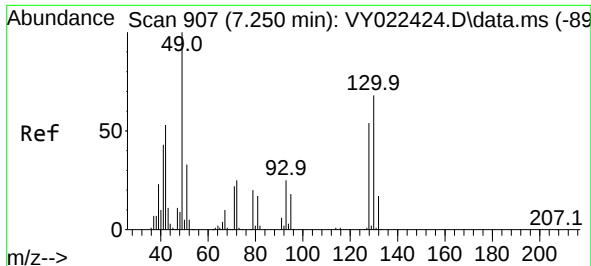
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#40
Benzene
Concen: 21.642 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

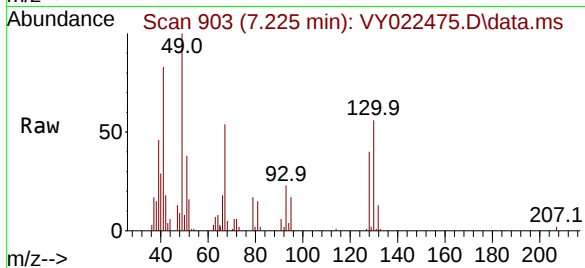
Tgt Ion: 78 Resp: 204274
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2





#41
Methacrylonitrile
Concen: 21.788 ug/l
RT: 7.225 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

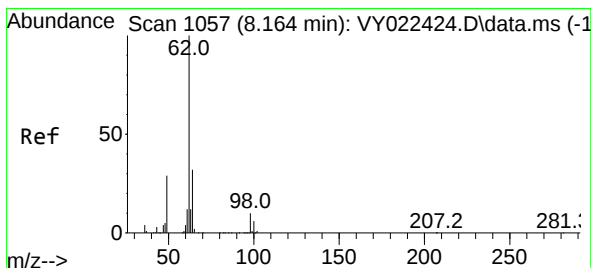
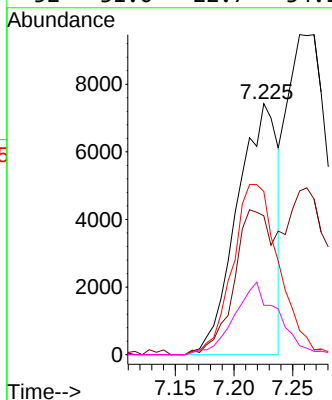
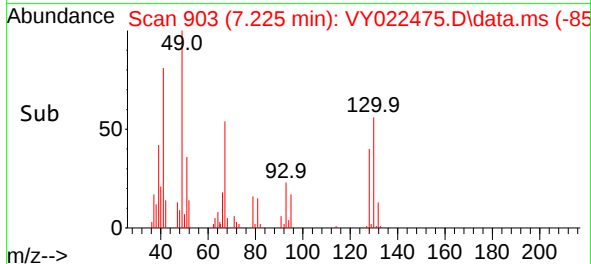
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



Tgt Ion: 41 Resp: 1782
Ion Ratio Lower Upper
41 100
39 51.0 40.4 60.6
67 77.4 53.0 79.4
52 31.0 22.7 34.1

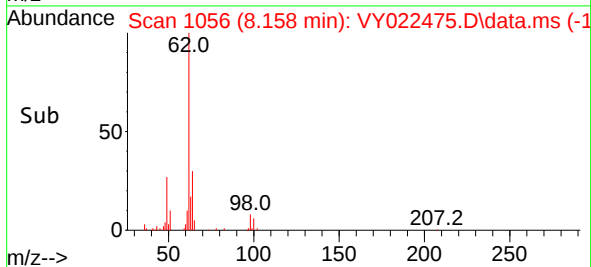
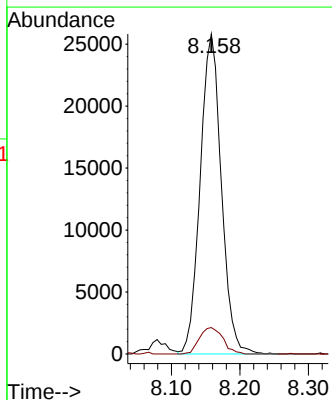
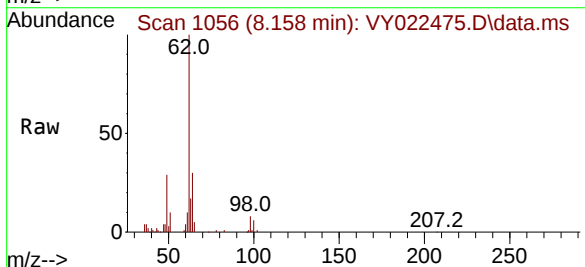
Manual Integrations
APPROVED

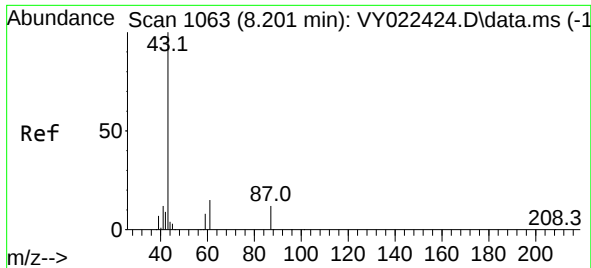
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#42
1,2-Dichloroethane
Concen: 22.235 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

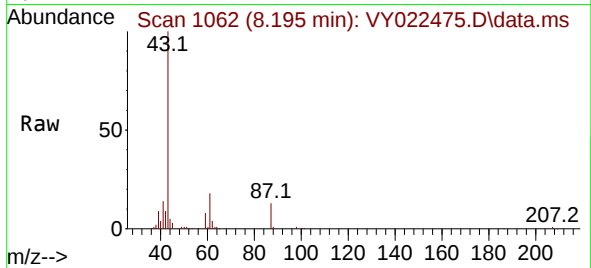
Tgt Ion: 62 Resp: 55429
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 21.608 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

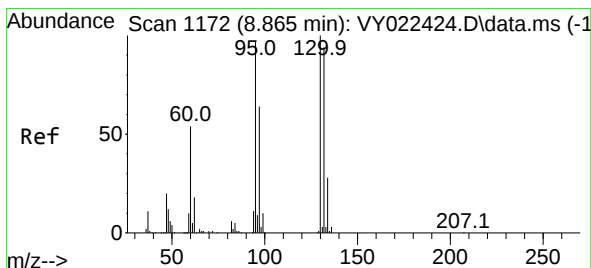
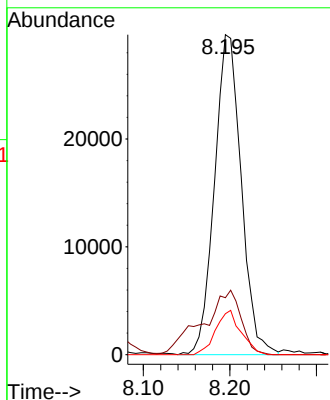
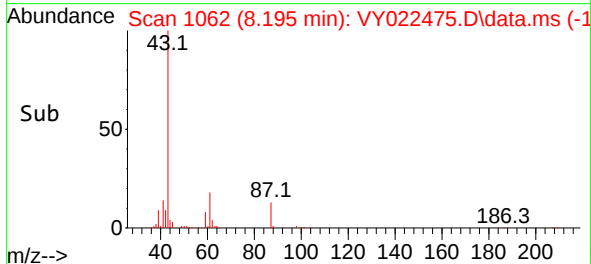
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 43 Resp: 6365
Ion Ratio Lower Upper
43 100
61 29.1 15.4 23.0
87 13.1 10.6 15.8

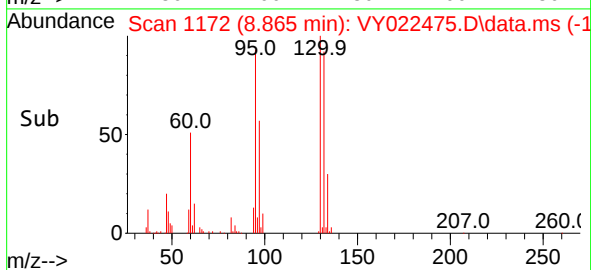
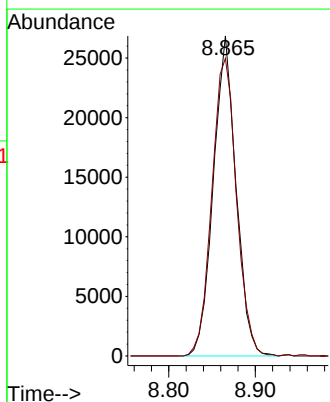
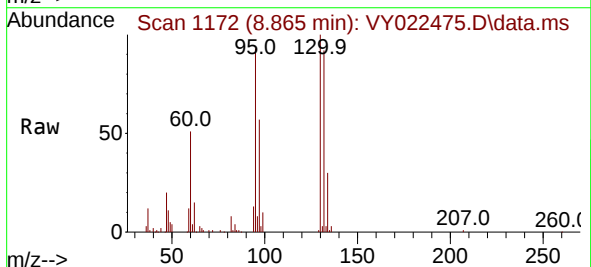
Manual Integrations
APPROVED

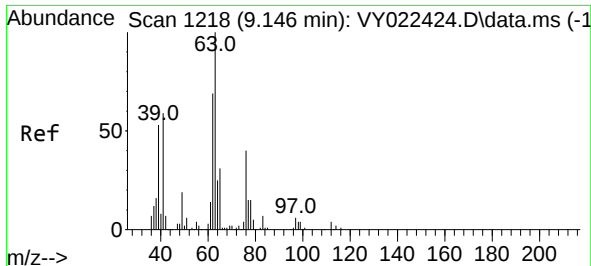
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#44
Trichloroethene
Concen: 20.935 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Tgt Ion:130 Resp: 48848
Ion Ratio Lower Upper
130 100
95 93.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 22.138 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBSD01

Tgt Ion: 63 Resp: 4909

Ion Ratio Lower Upper

63 100

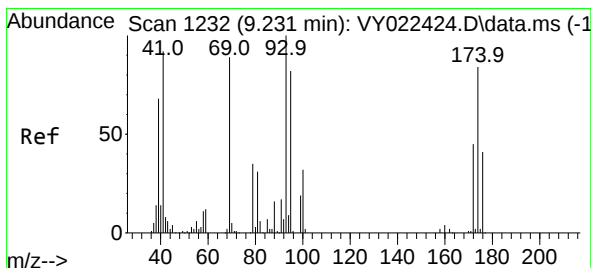
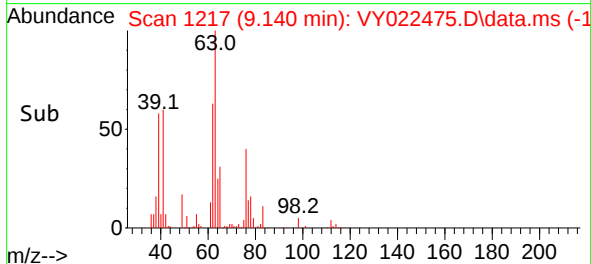
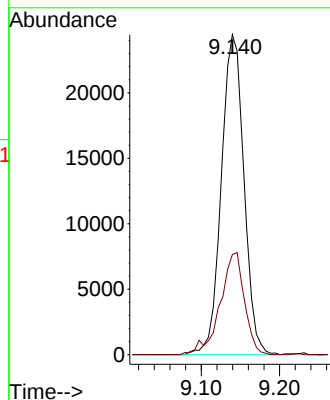
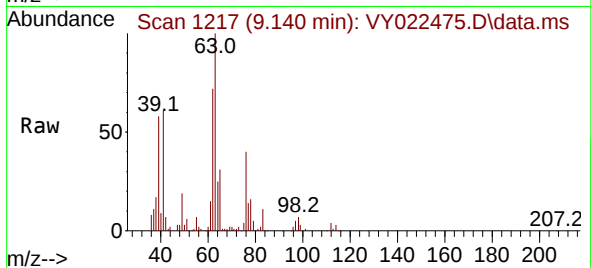
65 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#46

Dibromomethane

Concen: 21.863 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

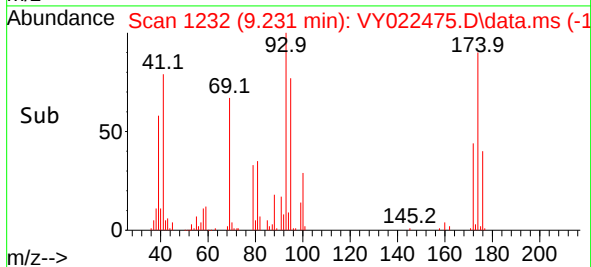
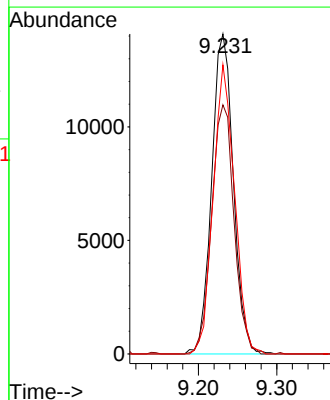
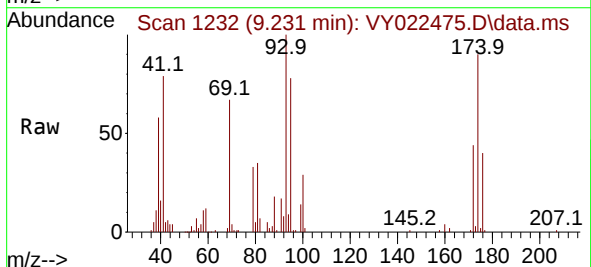
Tgt Ion: 93 Resp: 27085

Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.2

174 89.0 71.1 106.7





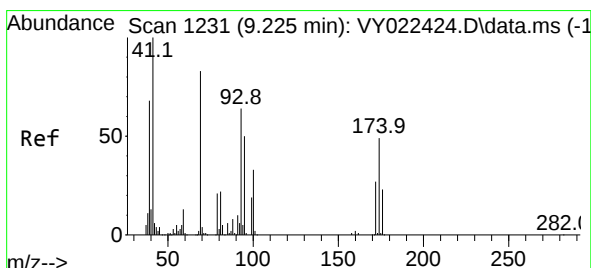
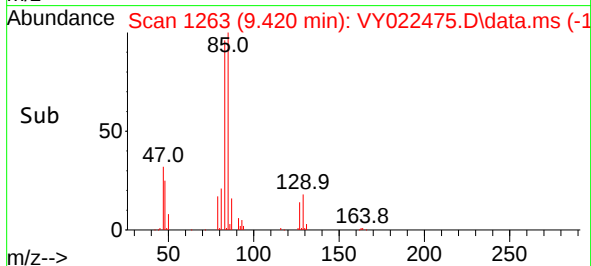
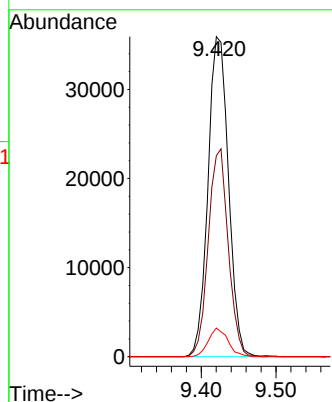
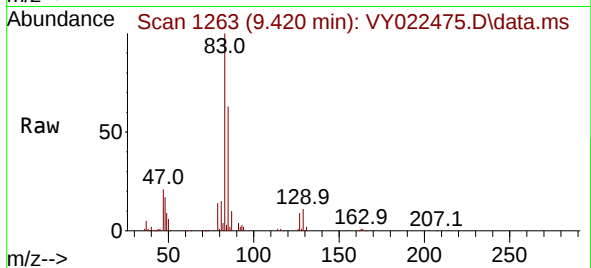
#47
Bromodichloromethane
Concen: 21.459 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01

Tgt Ion: 83 Resp: 6836
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 9.0 6.6 9.8

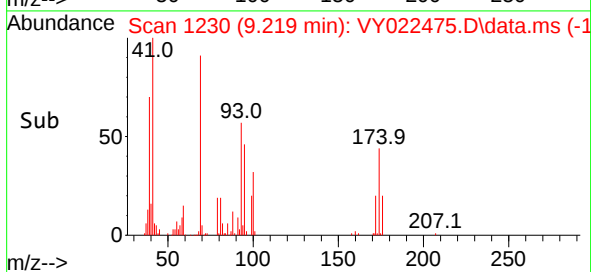
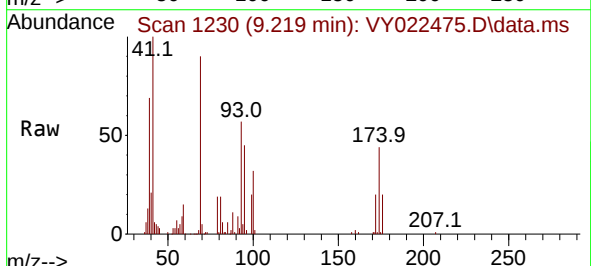
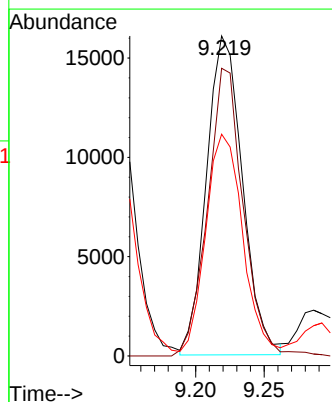
Manual Integrations
APPROVED

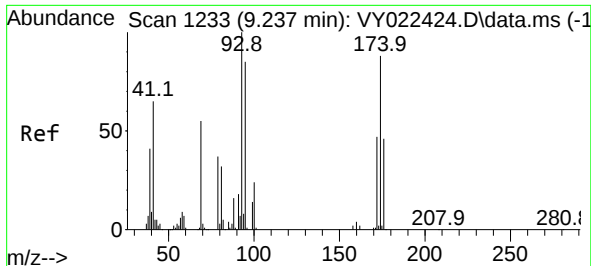
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#48
Methyl methacrylate
Concen: 21.436 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

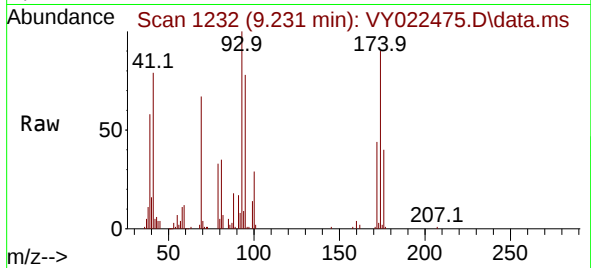
Tgt Ion: 41 Resp: 29313
Ion Ratio Lower Upper
41 100
69 89.5 70.3 105.5
39 69.6 55.4 83.0





#49
1,4-Dioxane
Concen: 446.301 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

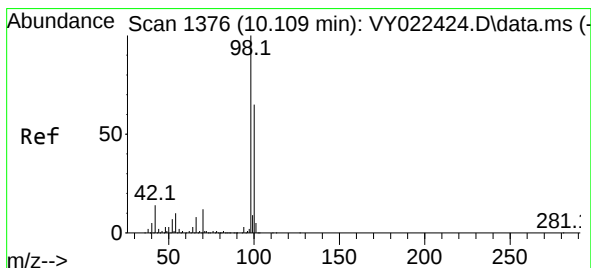
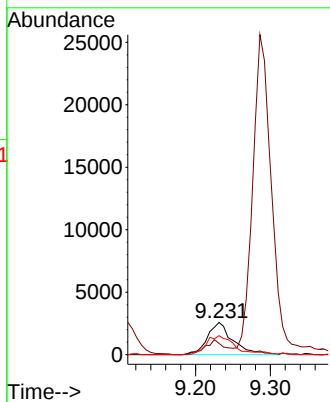
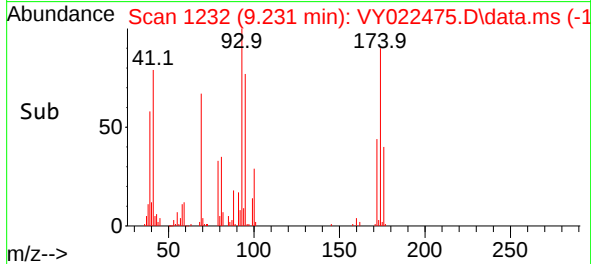
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



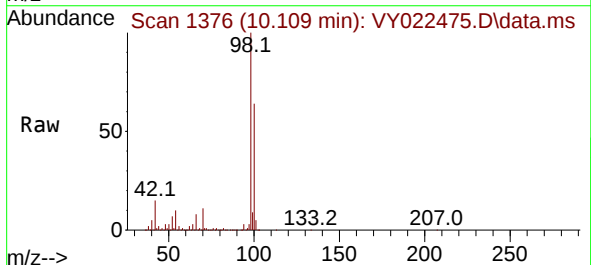
Tgt Ion: 88 Resp: 610
Ion Ratio Lower Upper
88 100
43 36.5 26.9 40.3
58 66.7 55.8 83.6

Manual Integrations
APPROVED

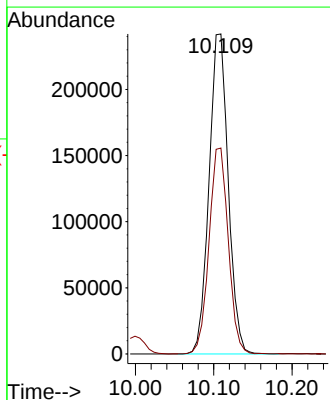
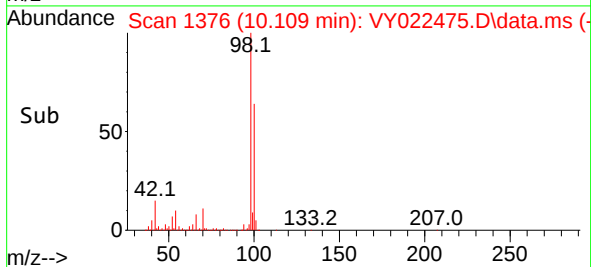
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

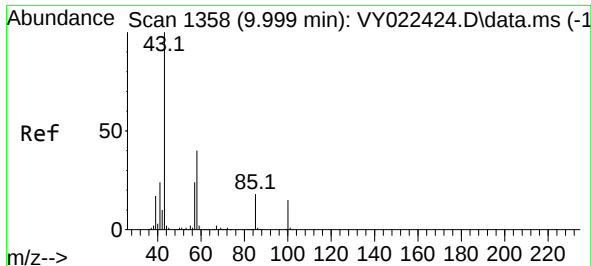


#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



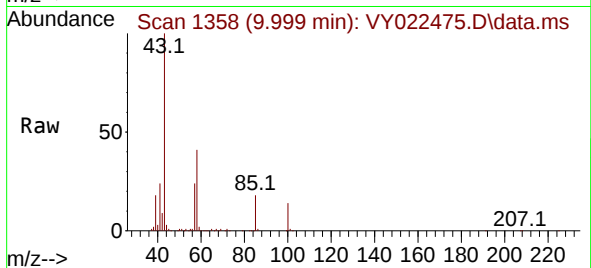
Tgt Ion: 98 Resp: 411336
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 109.023 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

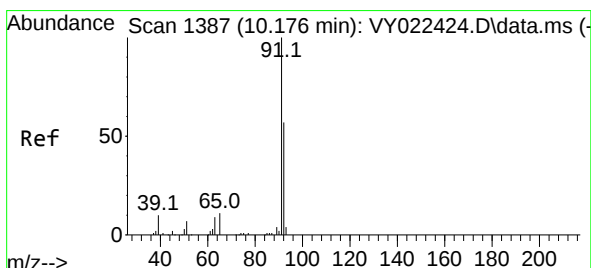
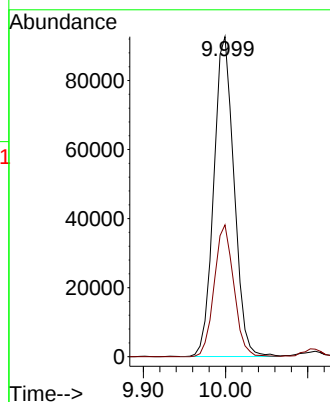
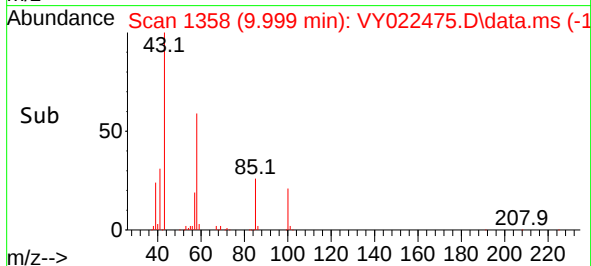
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



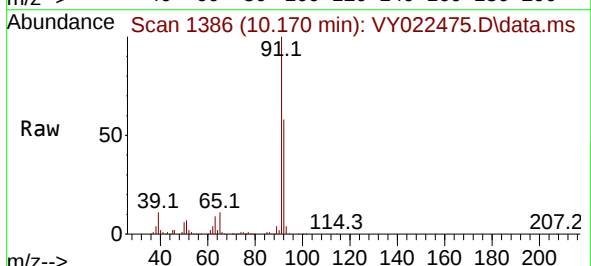
Tgt Ion: 43 Resp: 15846
Ion Ratio Lower Upper
43 100
58 40.0 31.2 46.8

Manual Integrations
APPROVED

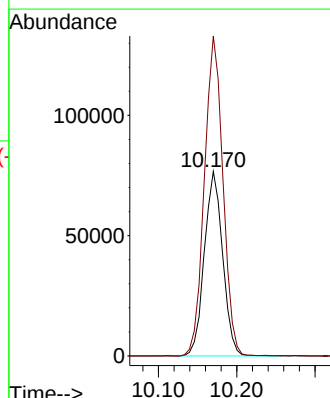
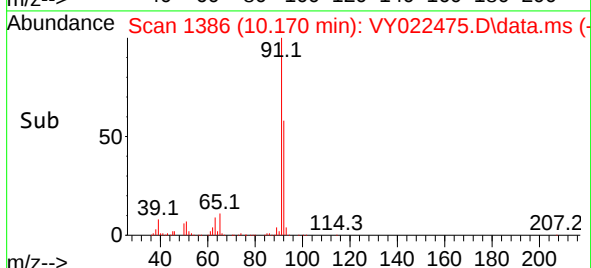
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

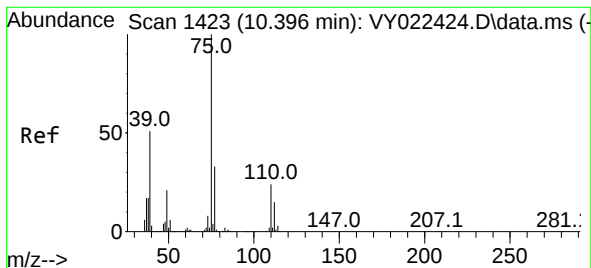


#52
Toluene
Concen: 21.121 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



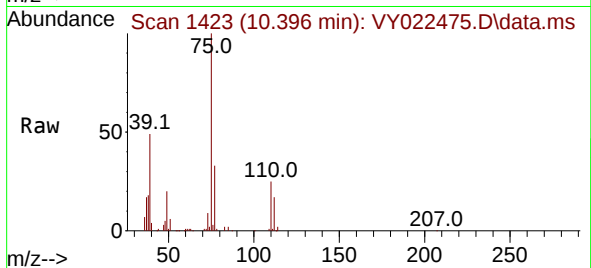
Tgt Ion: 92 Resp: 124518
Ion Ratio Lower Upper
92 100
91 175.8 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 20.197 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

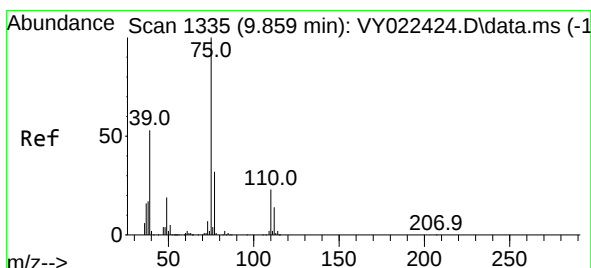
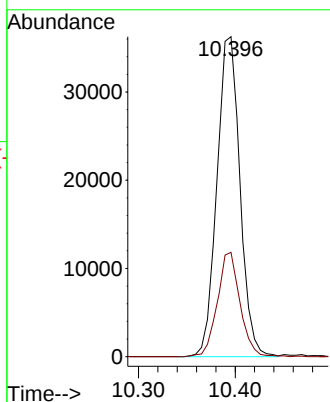
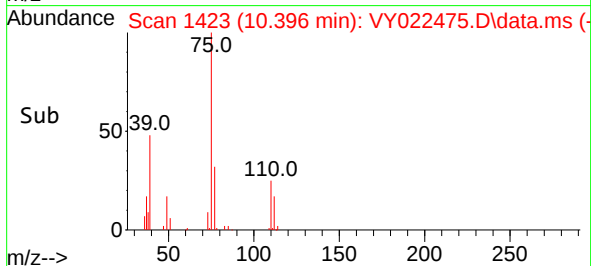
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



Tgt Ion: 75 Resp: 59934
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2

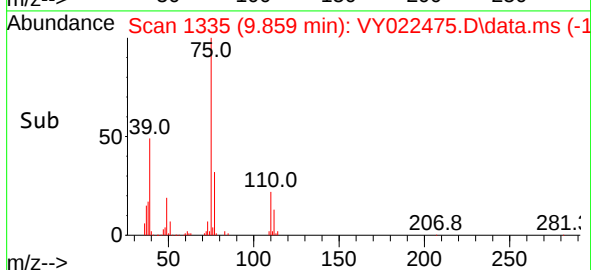
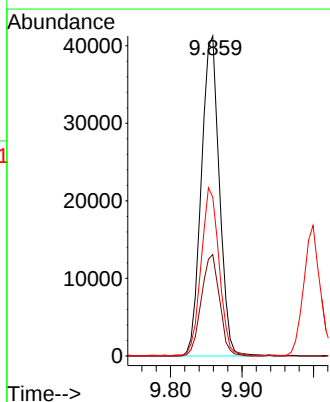
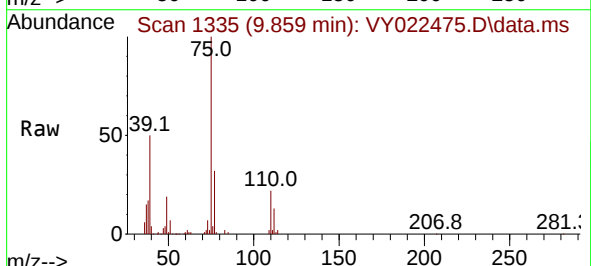
Manual Integrations
APPROVED

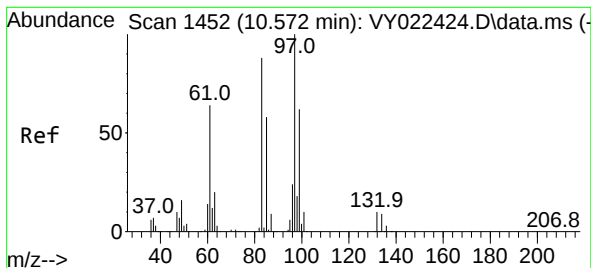
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#54
cis-1,3-Dichloropropene
Concen: 20.735 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

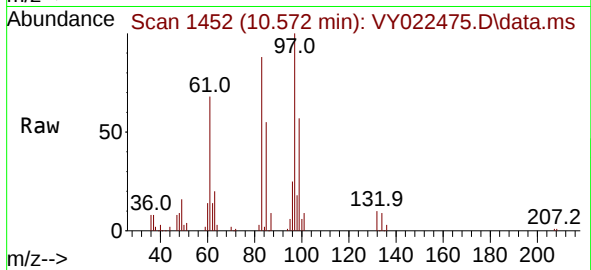
Tgt Ion: 75 Resp: 72299
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 49.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.609 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

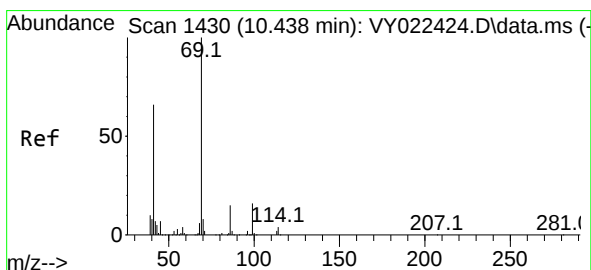
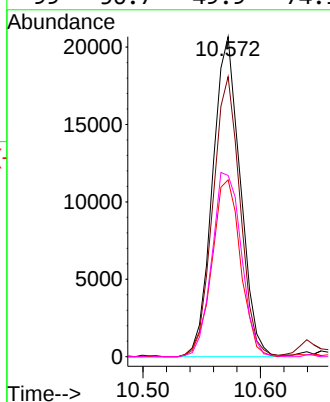
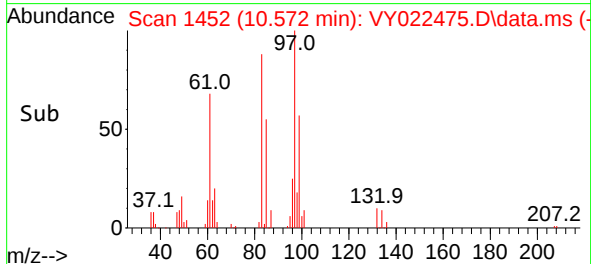
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



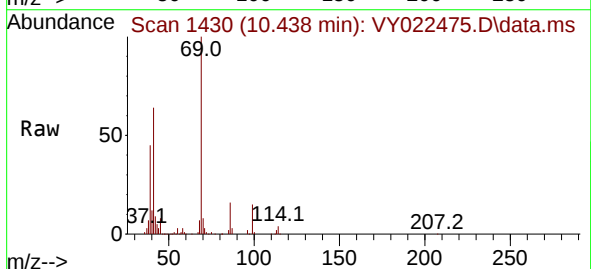
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.2	105.4
85	55.2	46.1	69.1
99	56.7	49.9	74.9

Manual Integrations
APPROVED

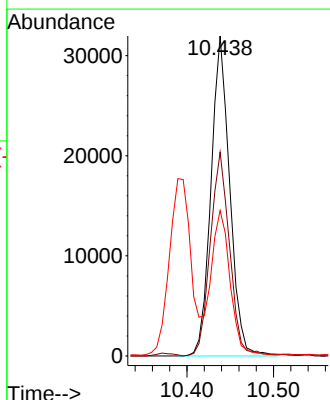
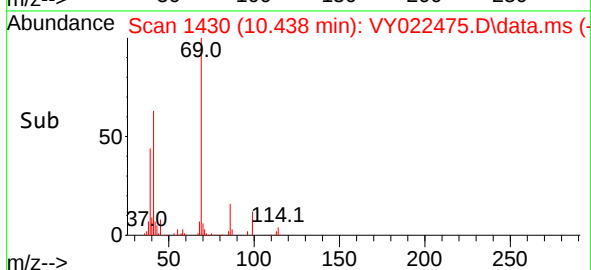
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

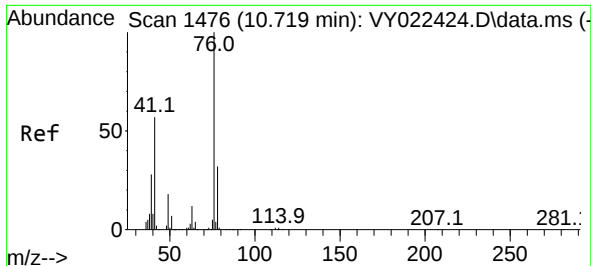


#56
Ethyl methacrylate
Concen: 21.402 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



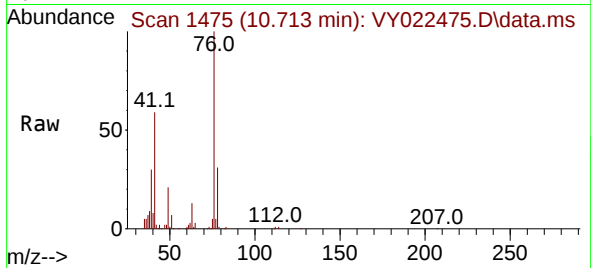
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.0	51.2	76.8
39	46.3	35.2	52.8





#57
1,3-Dichloropropane
Concen: 21.679 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

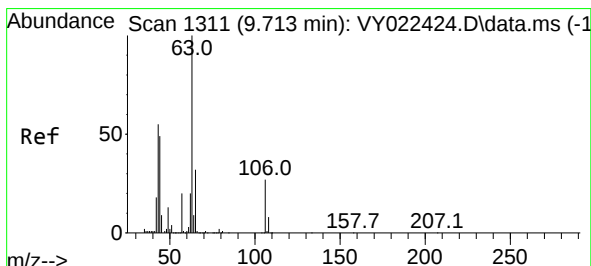
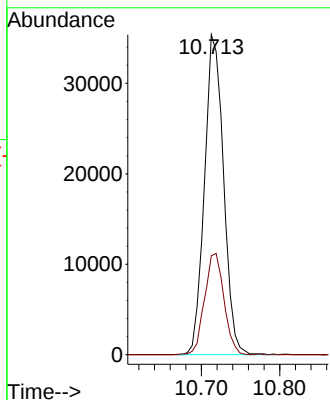
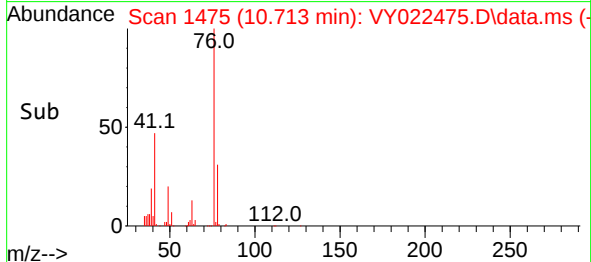
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



Tgt Ion: 76 Resp: 5984
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

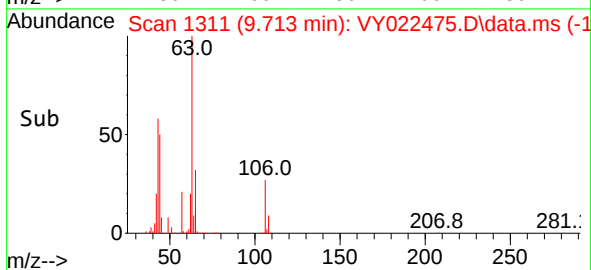
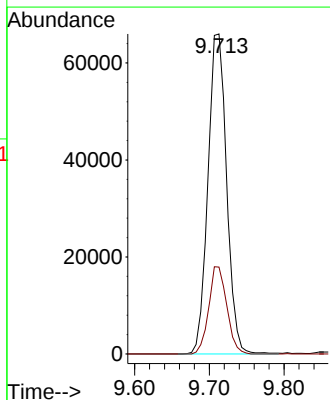
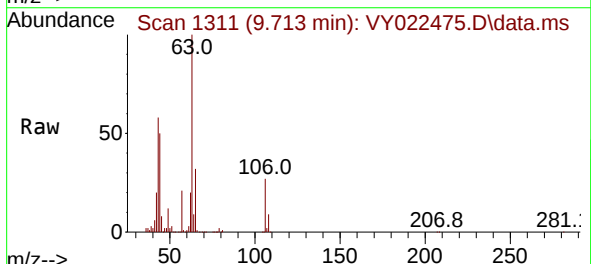
Manual Integrations
APPROVED

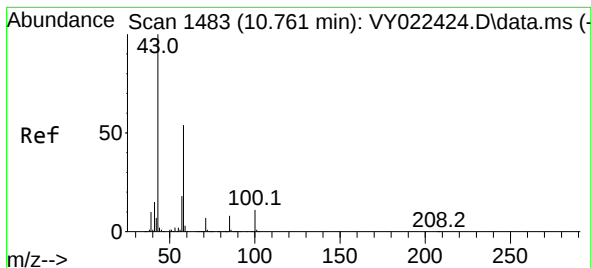
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 102.360 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

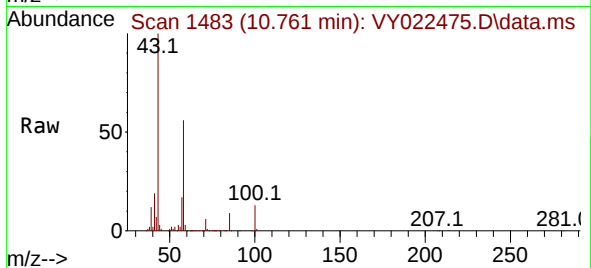
Tgt Ion: 63 Resp: 114668
Ion Ratio Lower Upper
63 100
106 26.2 22.2 33.2





#59
2-Hexanone
Concen: 108.537 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

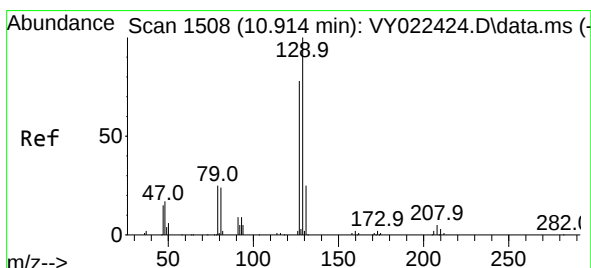
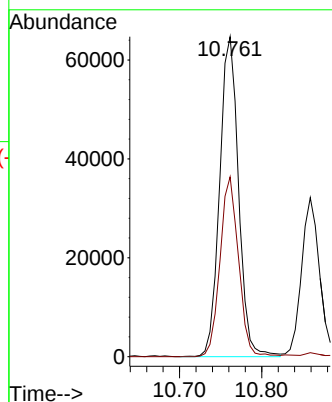
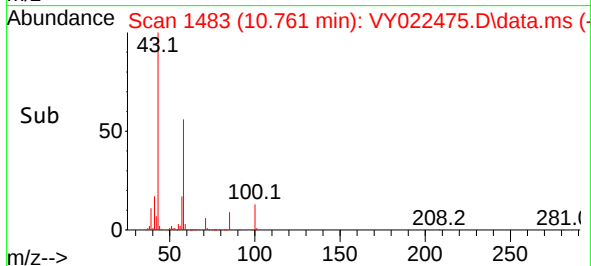
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 43 Resp: 103380
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.2

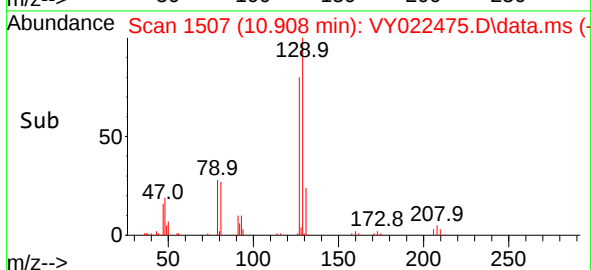
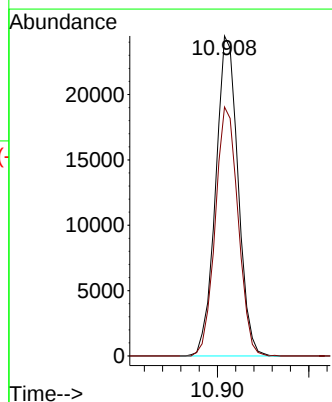
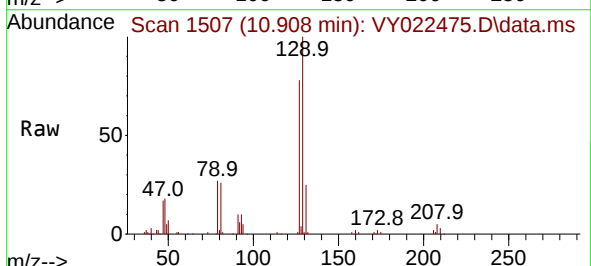
Manual Integrations
APPROVED

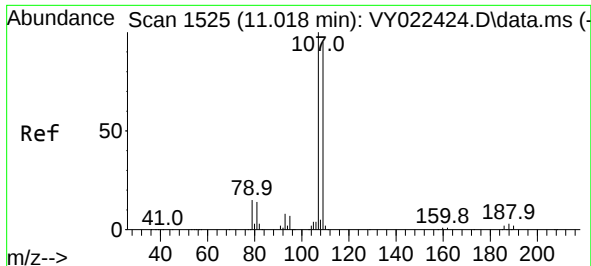
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#60
Dibromochloromethane
Concen: 20.801 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Tgt Ion:129 Resp: 41620
Ion Ratio Lower Upper
129 100
127 79.2 38.3 114.8





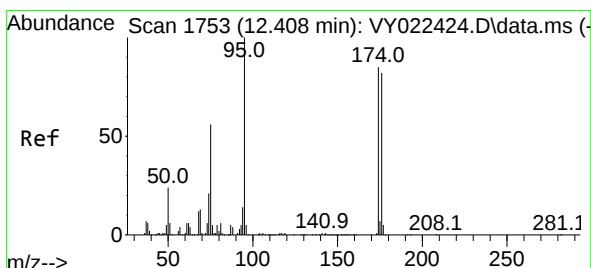
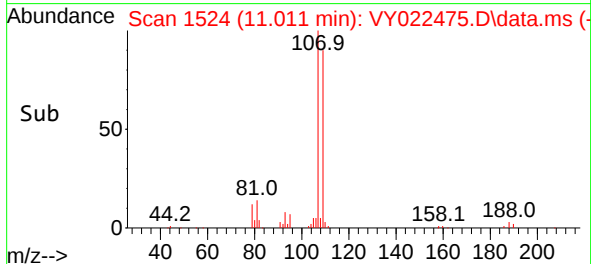
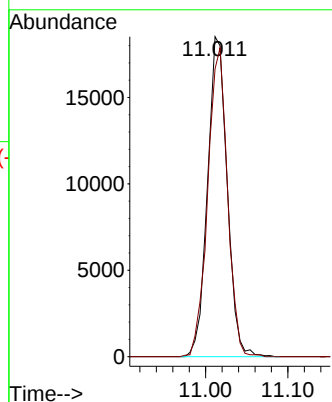
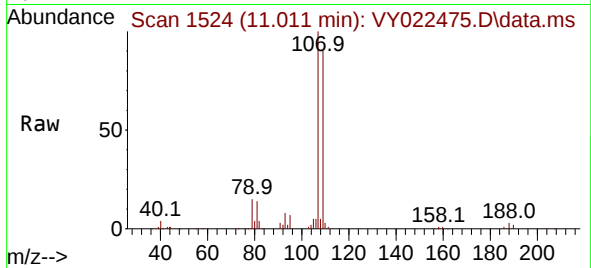
#61
1,2-Dibromoethane
Concen: 21.475 ug/l
RT: 11.011 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion:107 Resp: 3076
Ion Ratio Lower Upper
107 100
109 96.9 74.0 111.0

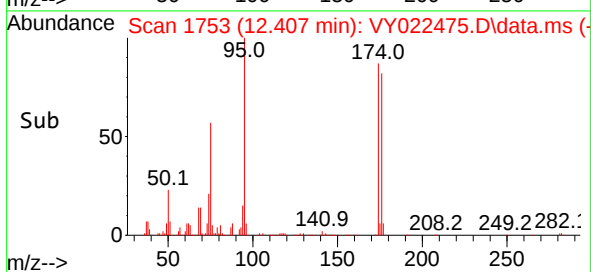
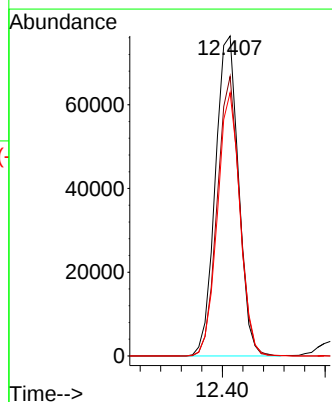
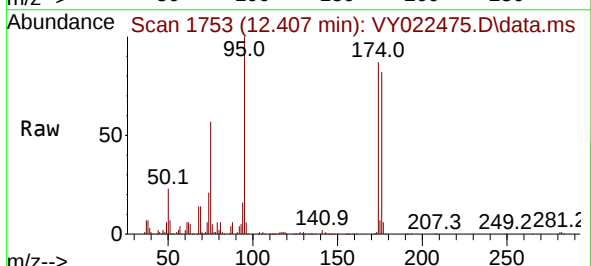
Manual Integrations
APPROVED

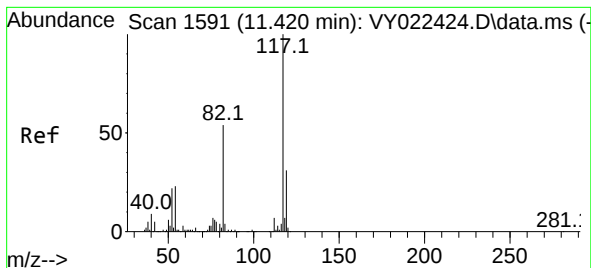
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#62
4-Bromofluorobenzene
Concen: 48.447 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

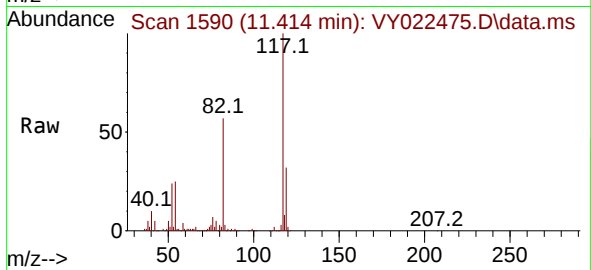
Tgt Ion: 95 Resp: 119420
Ion Ratio Lower Upper
95 100
174 84.0 0.0 171.6
176 80.2 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

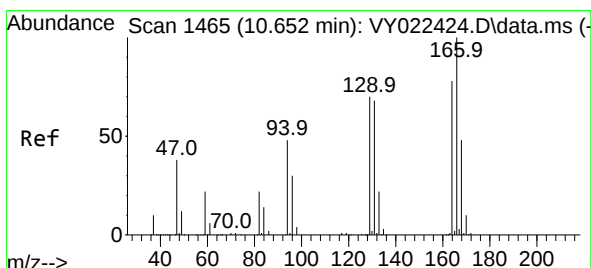
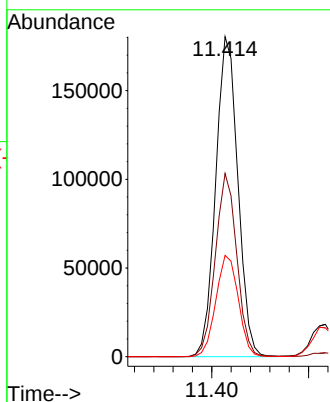
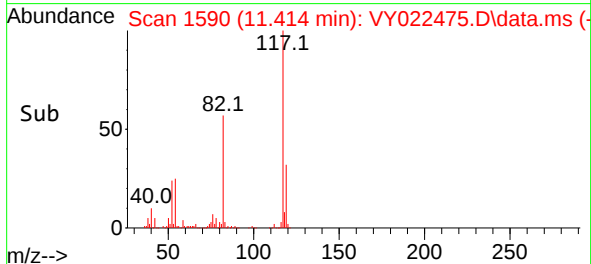
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



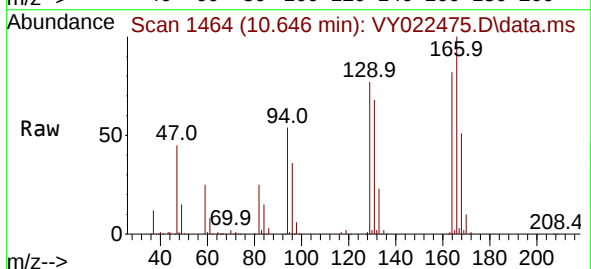
Tgt Ion:117 Resp: 286239
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 31.6 24.5 36.7

Manual Integrations
APPROVED

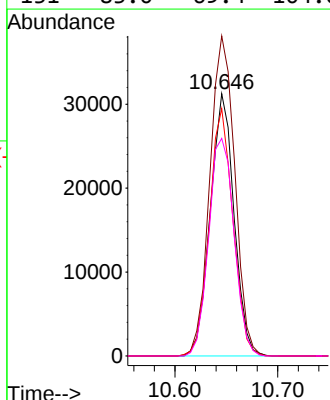
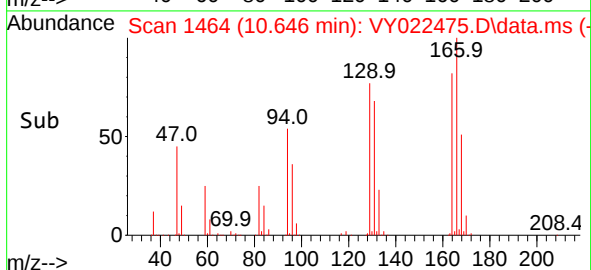
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

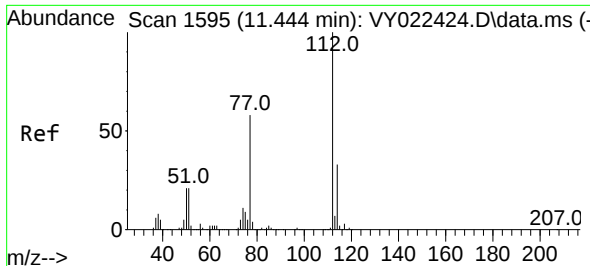


#64
Tetrachloroethene
Concen: 20.524 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



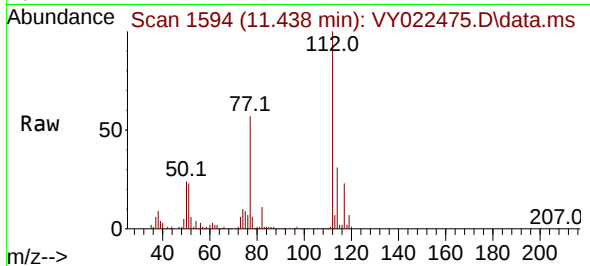
Tgt Ion:164 Resp: 50033
Ion Ratio Lower Upper
164 100
166 122.0 102.0 153.0
129 94.3 71.3 106.9
131 83.0 69.4 104.0





#65
Chlorobenzene
Concen: 21.416 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

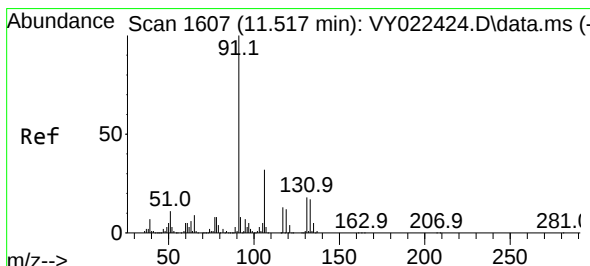
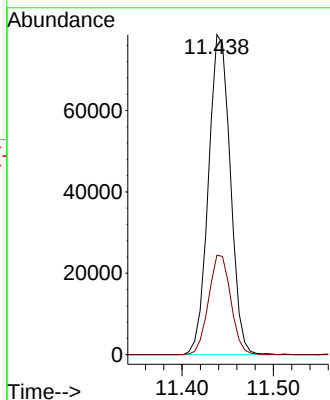
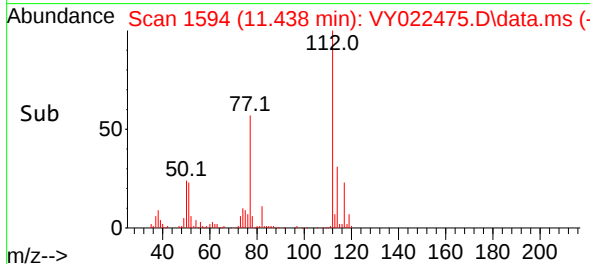
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



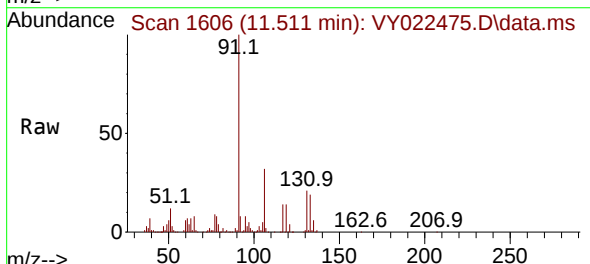
Tgt Ion:112 Resp: 130710
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

Manual Integrations
APPROVED

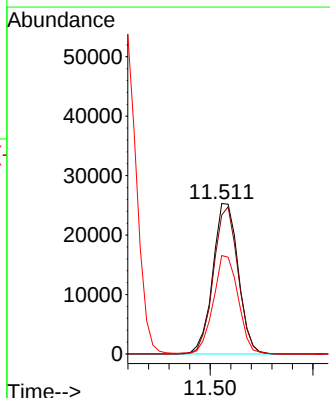
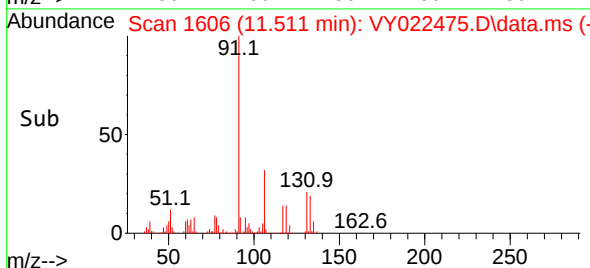
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

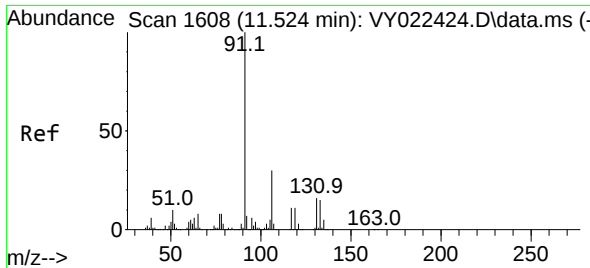


#66
1,1,1,2-Tetrachloroethane
Concen: 21.003 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



Tgt Ion:131 Resp: 43433
Ion Ratio Lower Upper
131 100
133 94.6 46.6 139.8
119 64.2 33.3 99.8





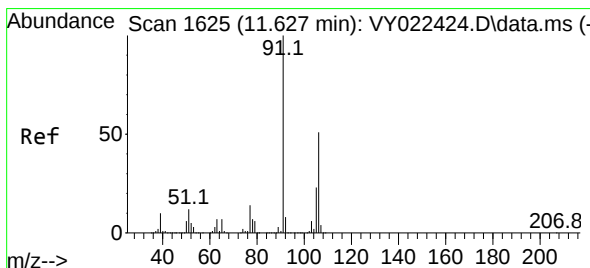
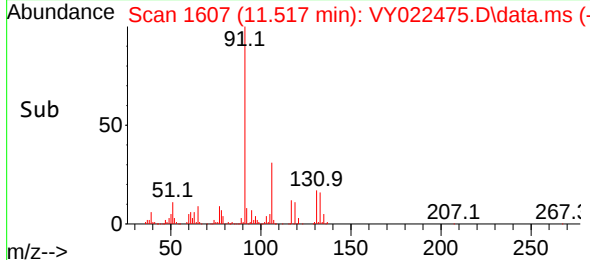
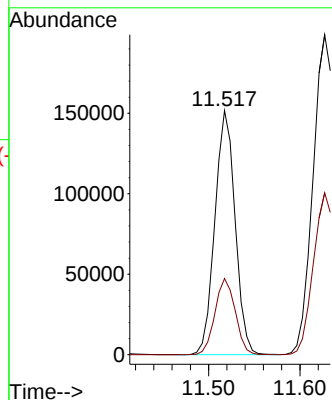
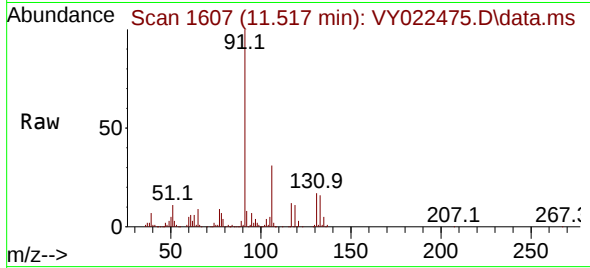
#67
Ethyl Benzene
Concen: 20.592 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion: 91 Resp: 233369
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

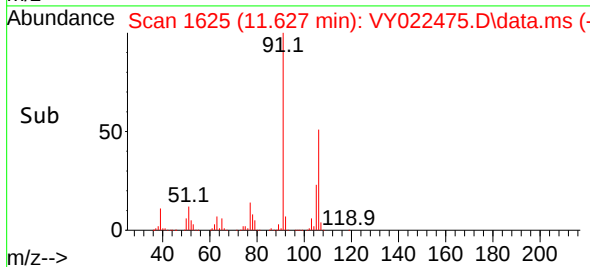
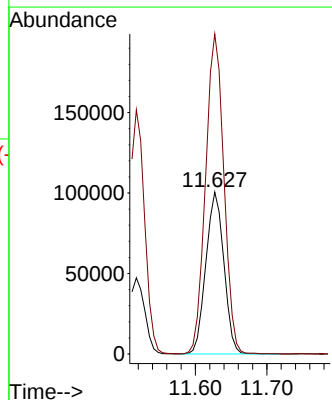
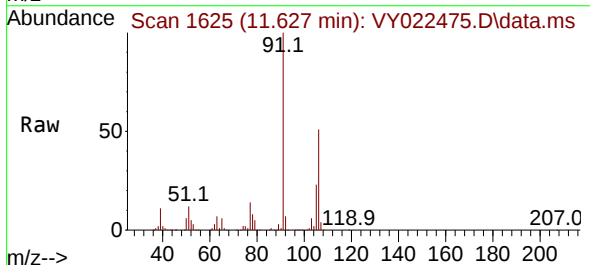
Manual Integrations
APPROVED

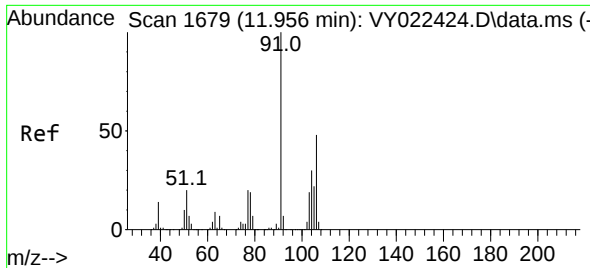
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#68
m/p-Xylenes
Concen: 40.918 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Tgt Ion:106 Resp: 175815
Ion Ratio Lower Upper
106 100
91 201.3 159.8 239.8





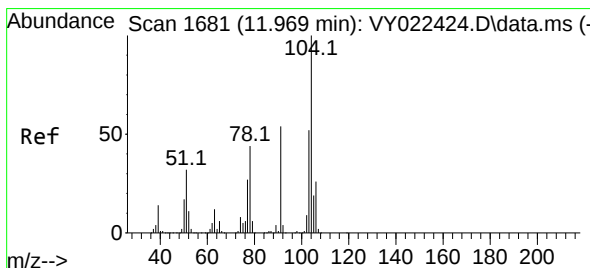
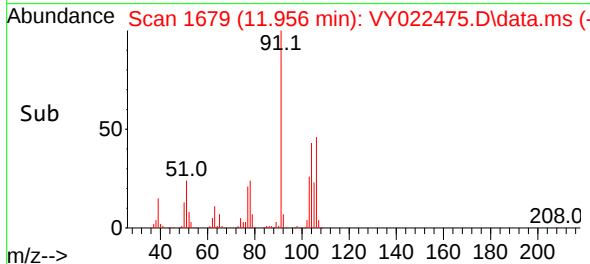
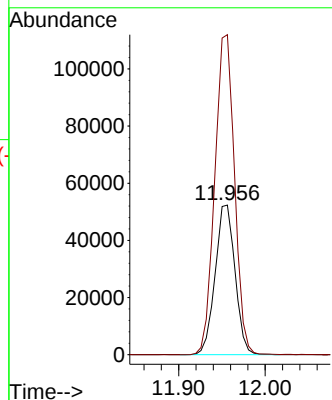
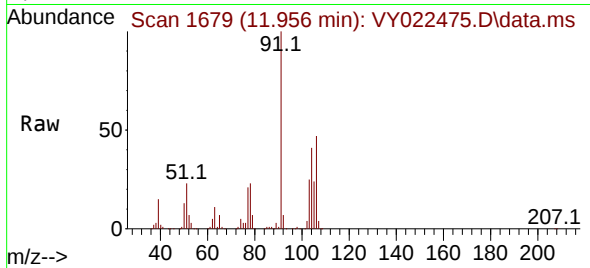
#69
o-Xylene
Concen: 20.671 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01

Tgt Ion:106 Resp: 8347
Ion Ratio Lower Upper
106 100
91 212.5 106.3 318.9

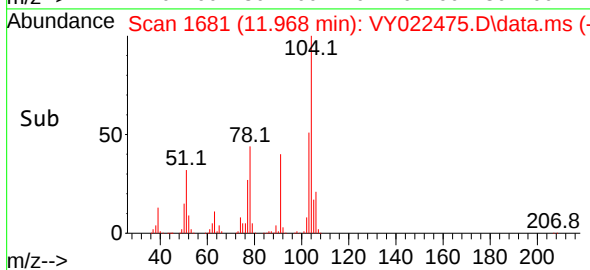
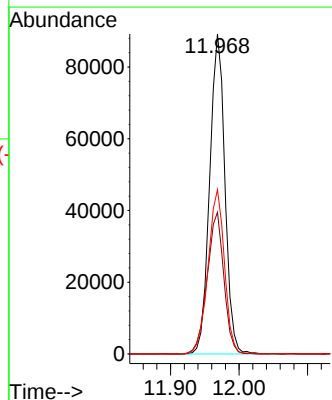
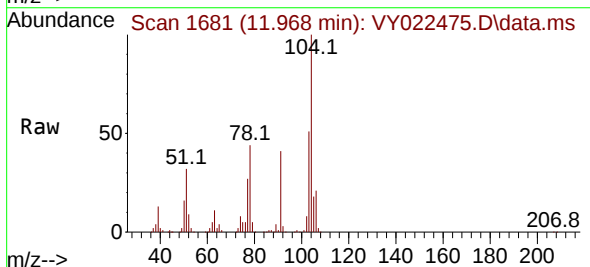
Manual Integrations
APPROVED

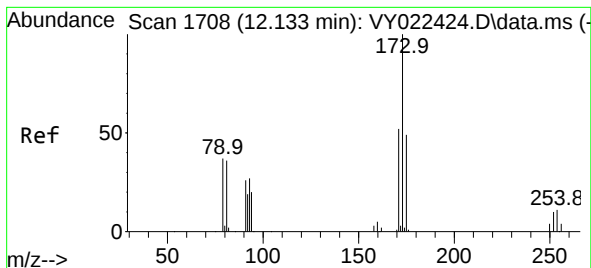
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#70
Styrene
Concen: 20.555 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

Tgt Ion:104 Resp: 138213
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.3 43.4 65.2





#71

Bromoform

Concen: 21.122 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

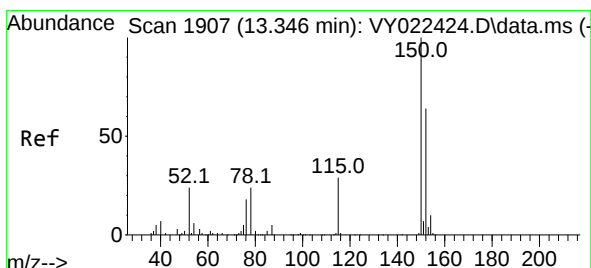
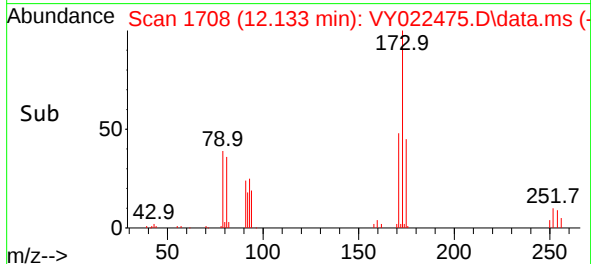
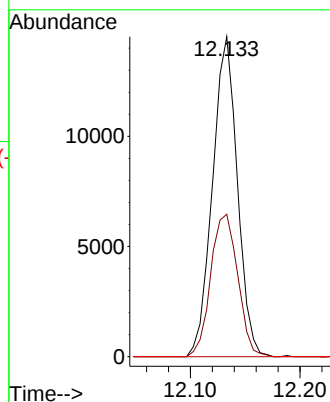
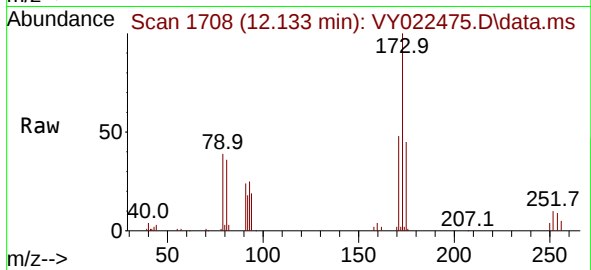
Tgt Ion:173	Resp:	22879
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.3 73.0
254	0.0	0.1 0.1

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

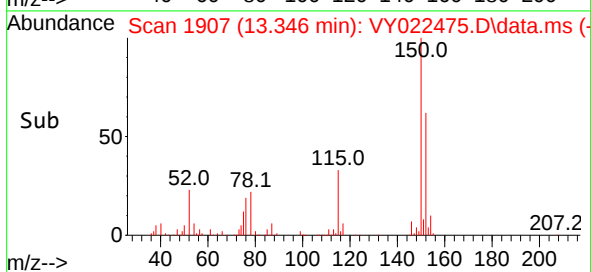
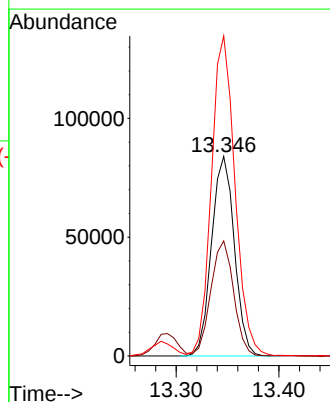
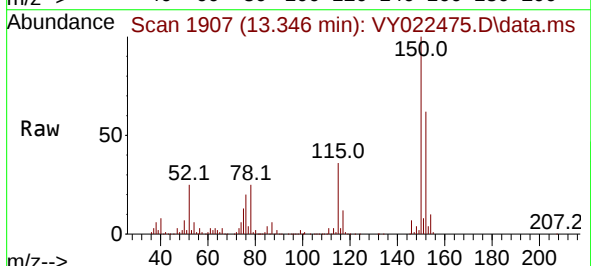
RT: 13.346 min Scan# 1907

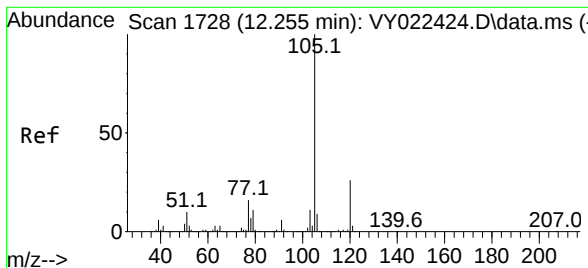
Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

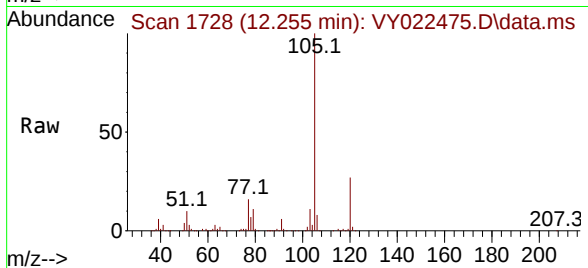
Tgt Ion:152	Resp:	129296
Ion Ratio	Lower	Upper
152	100	
115	57.6	28.4 85.3
150	165.7	0.0 345.8





#73
Isopropylbenzene
Concen: 21.126 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

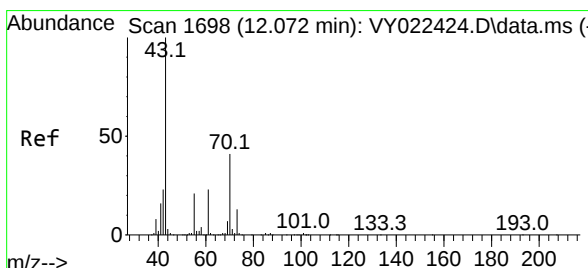
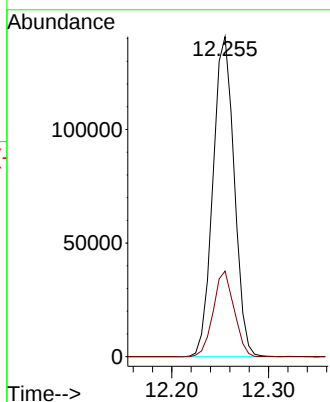
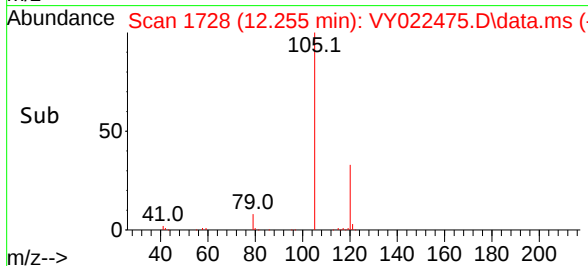
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



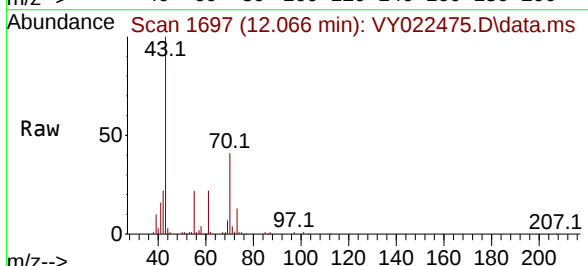
Tgt Ion:105 Resp: 214979
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

Manual Integrations
APPROVED

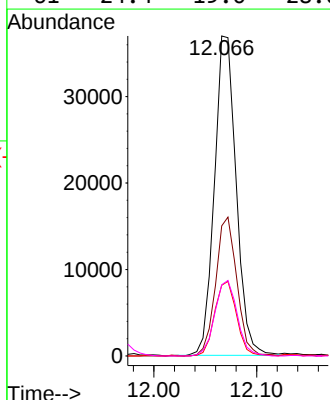
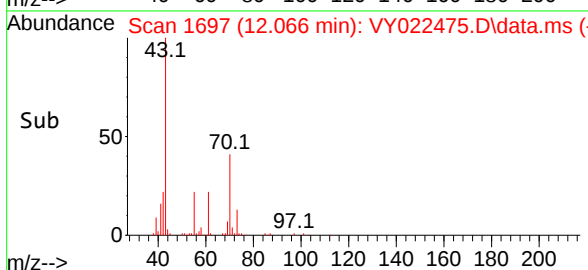
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

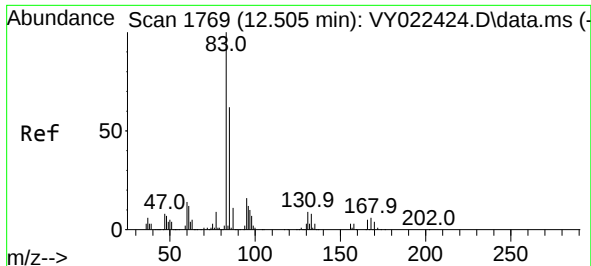


#74
N-ethyl acetate
Concen: 21.831 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



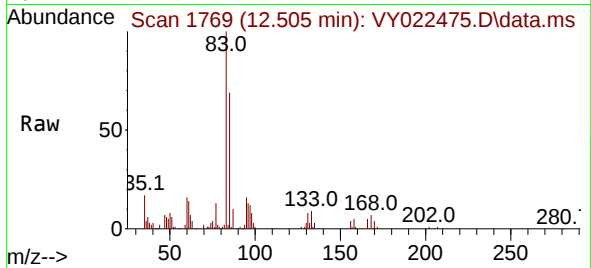
Tgt Ion: 43 Resp: 54359
Ion Ratio Lower Upper
43 100
70 42.5 33.0 49.4
55 23.4 17.5 26.3
61 24.4 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 22.795 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

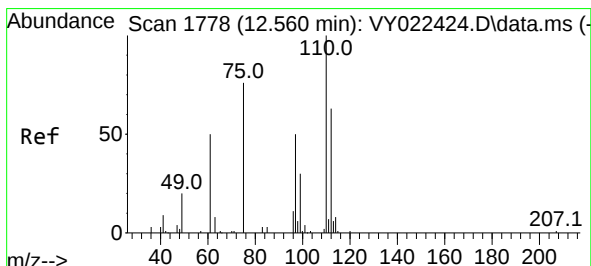
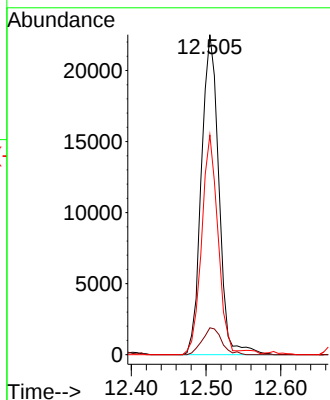
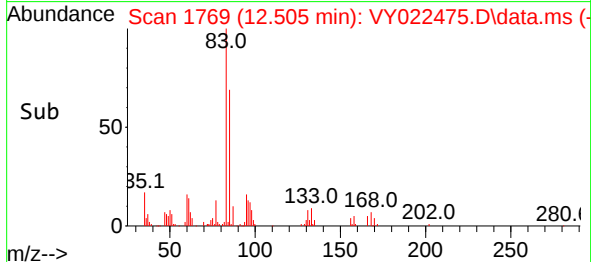
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



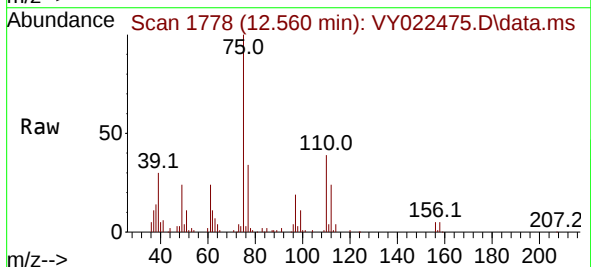
Tgt Ion: 83 Resp: 3654
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 64.1 32.0 96.2

Manual Integrations
APPROVED

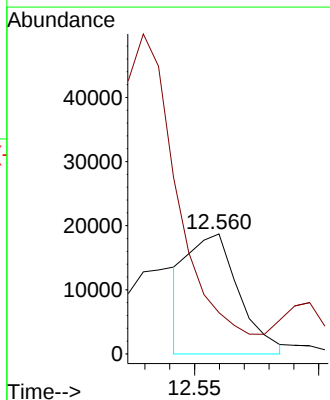
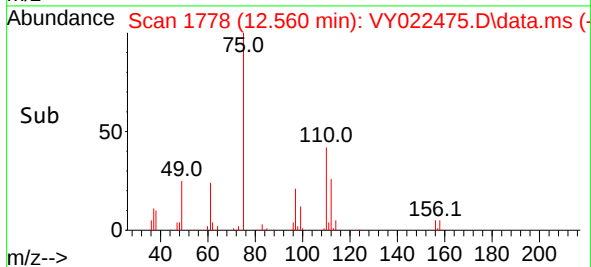
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

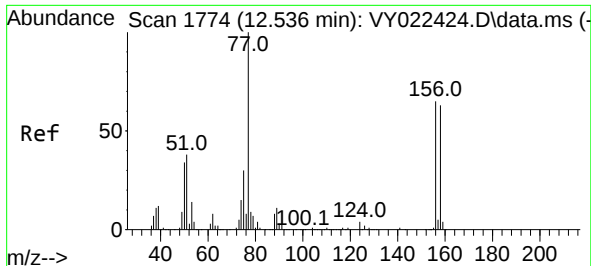


#76
1,2,3-Trichloropropane
Concen: 20.783 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



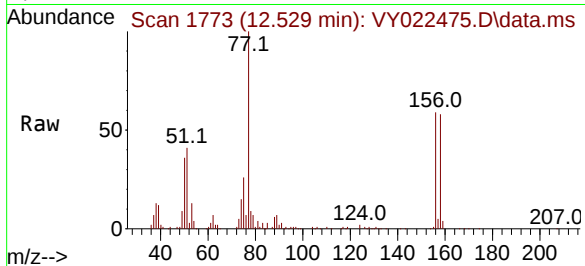
Tgt Ion: 75 Resp: 26916
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.307 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

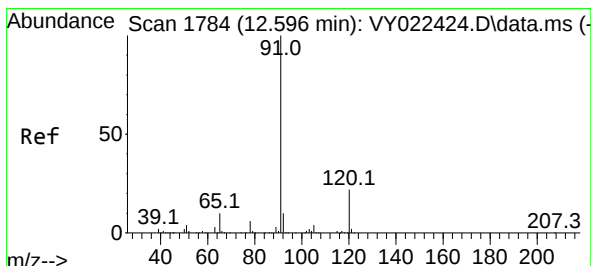
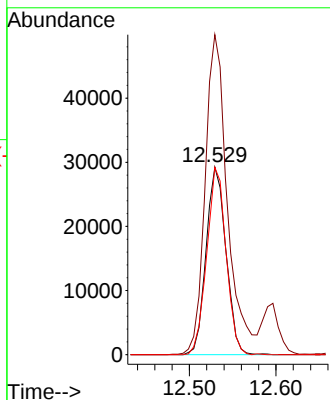
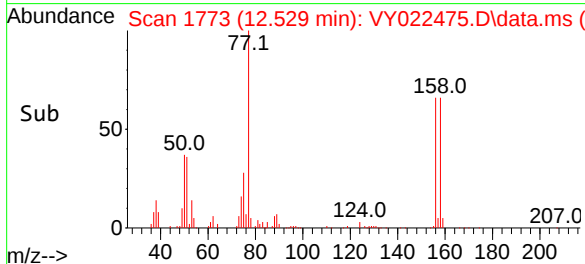
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



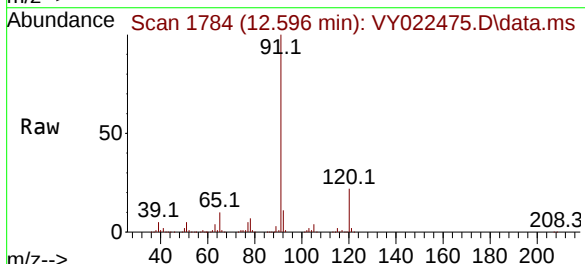
Tgt Ion:156 Resp: 46660
Ion Ratio Lower Upper
156 100
77 191.3 91.4 274.2
158 97.0 48.1 144.3

Manual Integrations
APPROVED

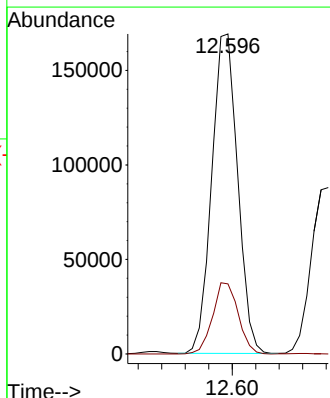
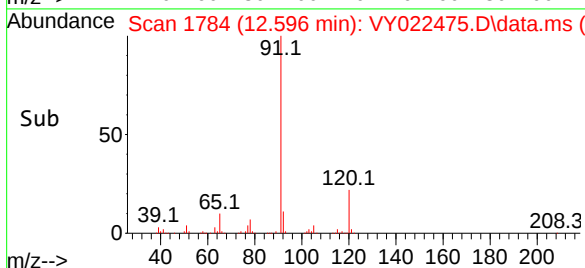
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

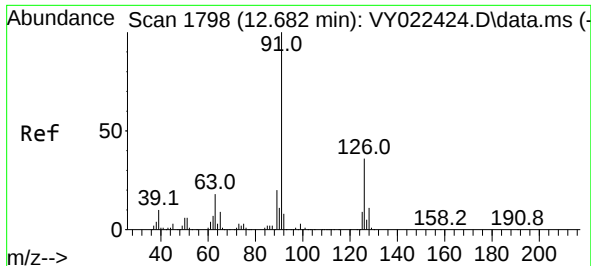


#78
n-propylbenzene
Concen: 21.196 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



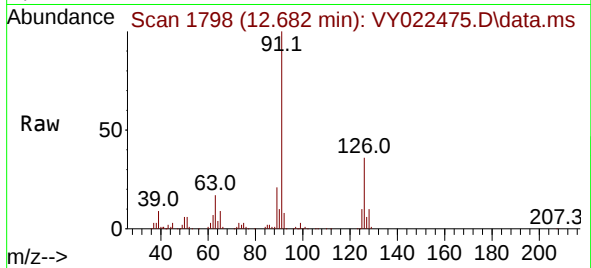
Tgt Ion: 91 Resp: 258848
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5





#79
2-Chlorotoluene
Concen: 21.197 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

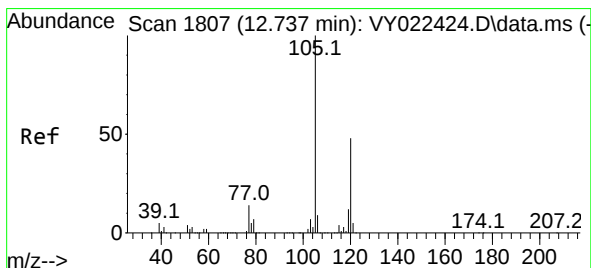
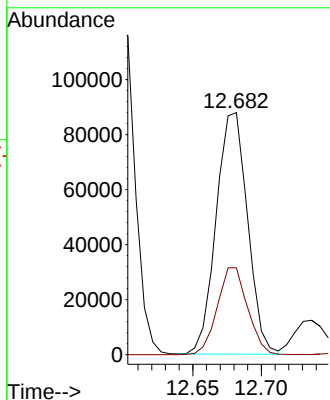
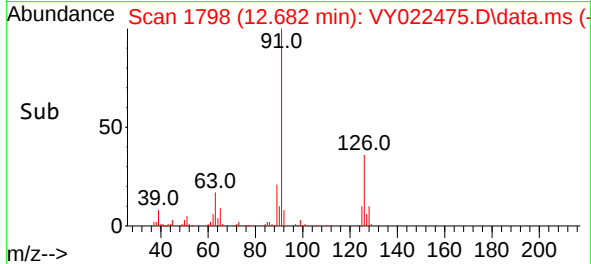
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



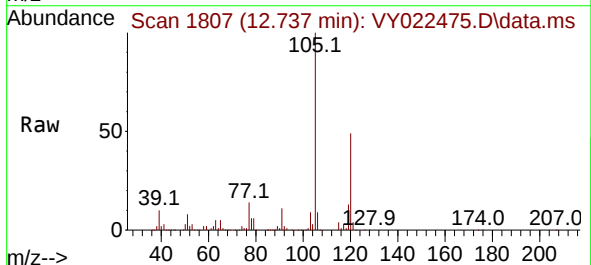
Tgt Ion: 91 Resp: 14012
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3

Manual Integrations
APPROVED

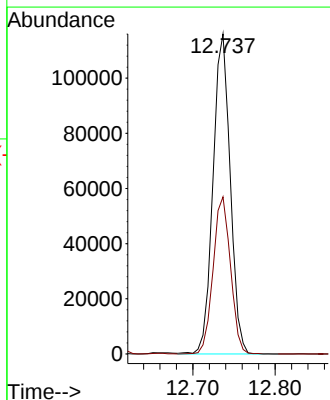
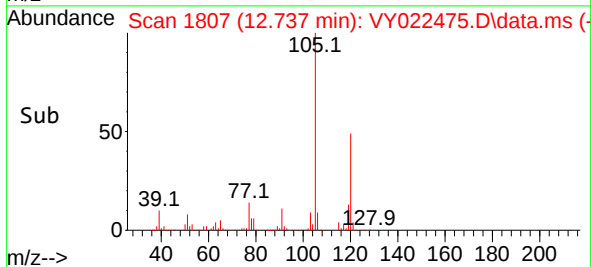
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

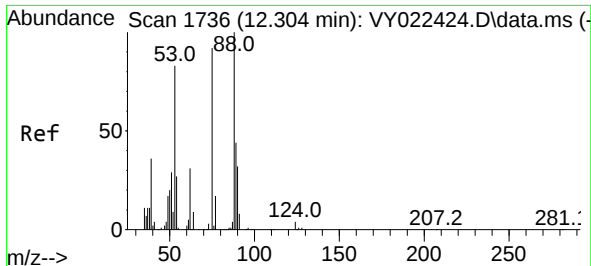


#80
1,3,5-Trimethylbenzene
Concen: 21.200 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



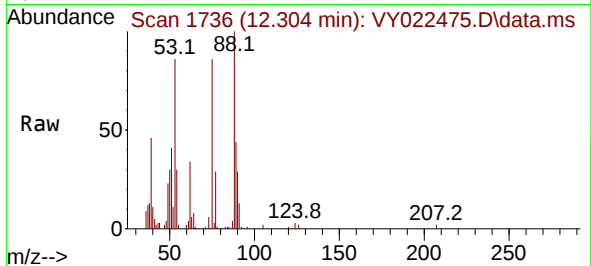
Tgt Ion:105 Resp: 168562
Ion Ratio Lower Upper
105 100
120 49.6 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.219 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

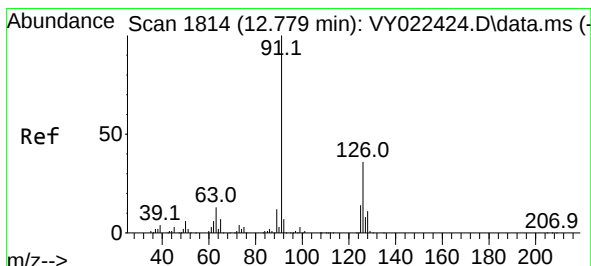
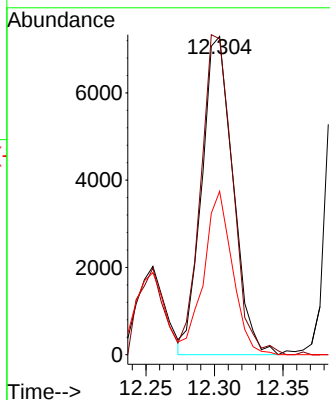
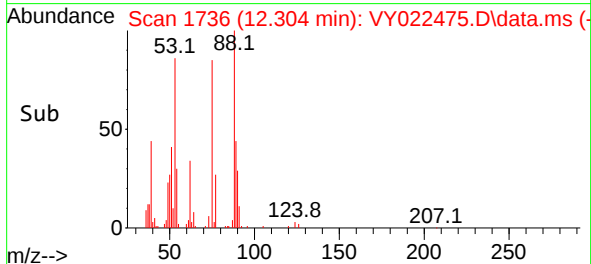
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 75 Resp: 11579
Ion Ratio Lower Upper
75 100
53 101.9 75.1 112.7
89 47.1 37.4 56.0

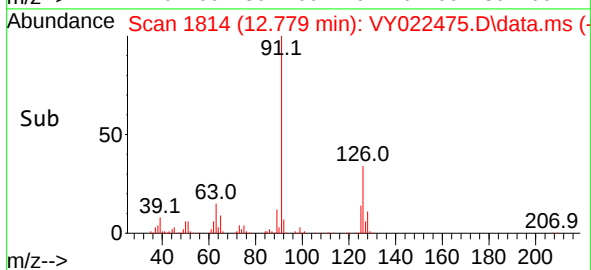
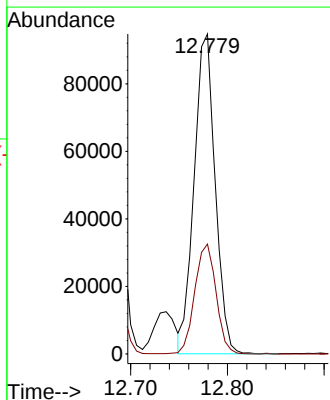
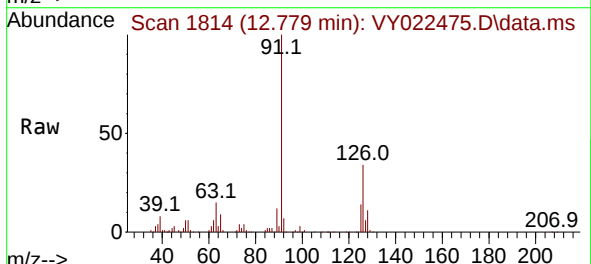
Manual Integrations
APPROVED

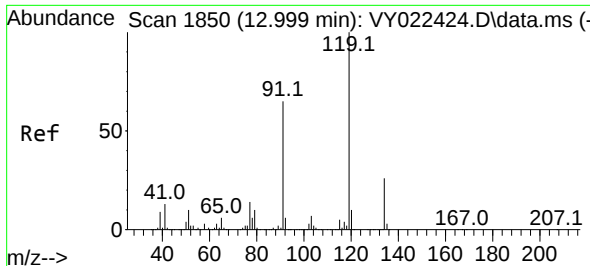
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#82
4-Chlorotoluene
Concen: 21.050 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

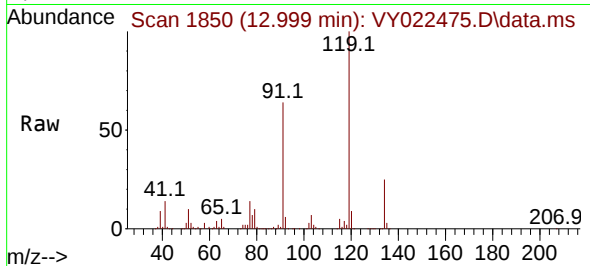
Tgt Ion: 91 Resp: 143318
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 21.337 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

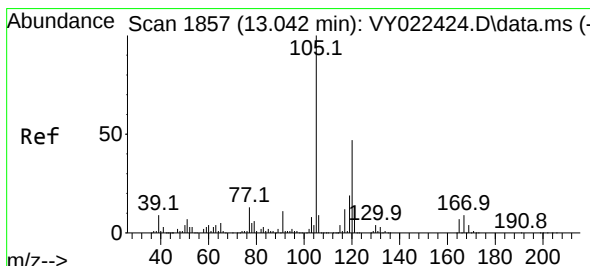
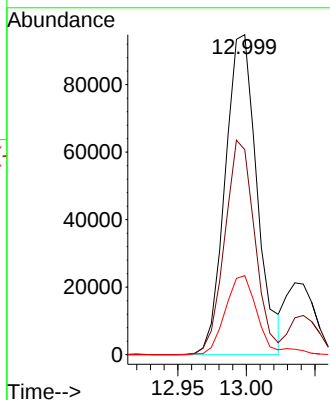
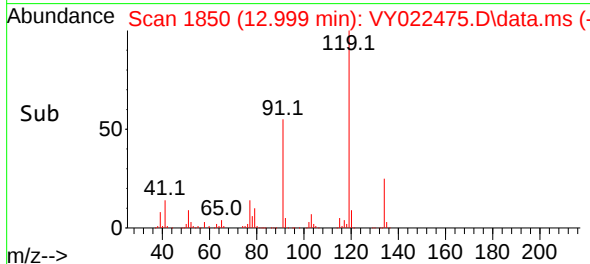
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



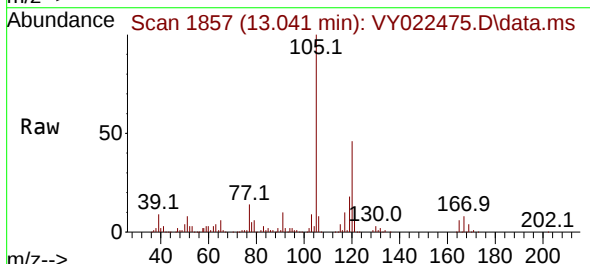
Tgt Ion:119 Resp: 153270
Ion Ratio Lower Upper
119 100
91 63.7 31.8 95.3
134 25.4 13.0 38.9

Manual Integrations
APPROVED

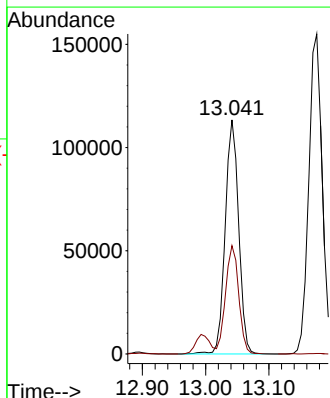
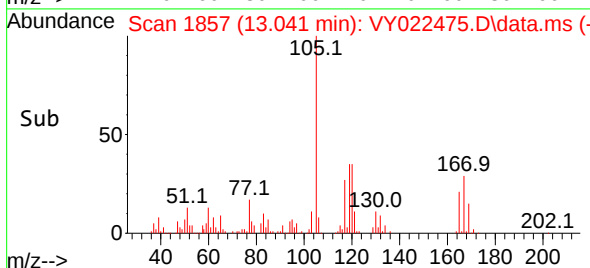
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

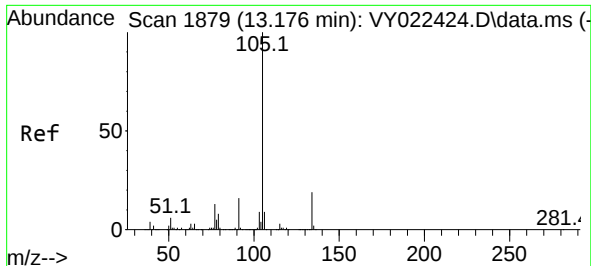


#84
1,2,4-Trimethylbenzene
Concen: 20.887 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



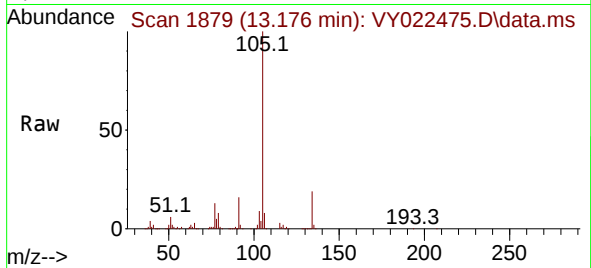
Tgt Ion:105 Resp: 167123
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 21.339 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022475.D
 Acq: 30 May 2025 13:37

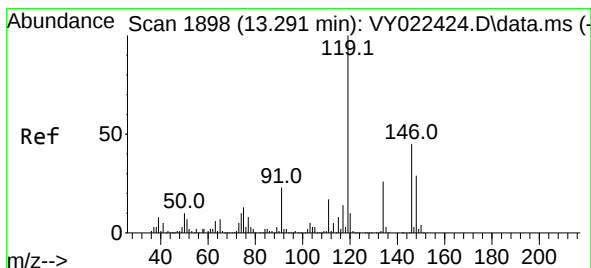
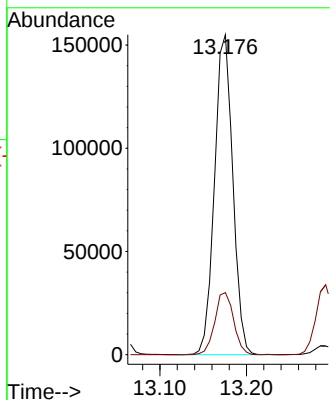
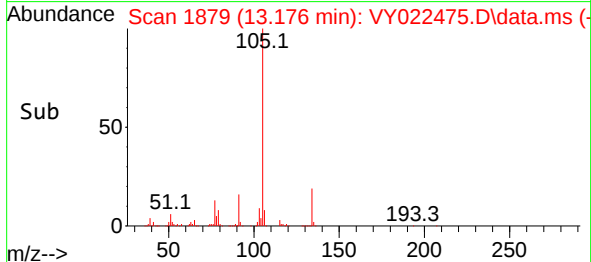
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBSD01



Tgt Ion:105 Resp: 227335
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1

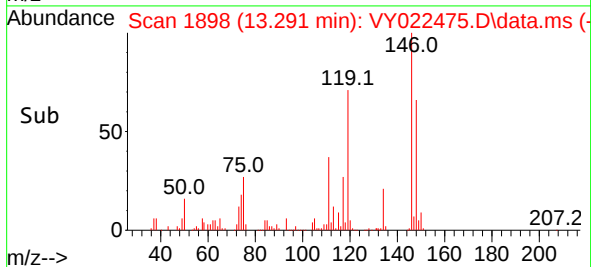
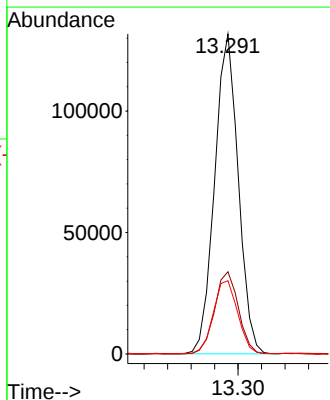
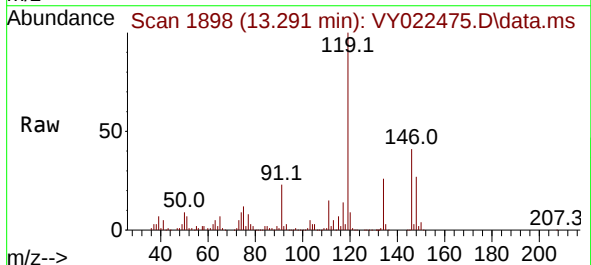
Manual Integrations
 APPROVED

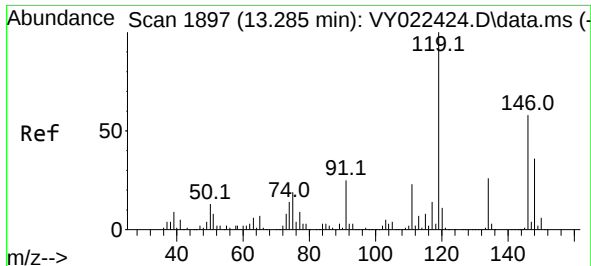
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025



#86
 p-Isopropyltoluene
 Concen: 20.661 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022475.D
 Acq: 30 May 2025 13:37

Tgt Ion:119 Resp: 183805
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.859 ug/l

RT: 13.285 min Scan# 1190

Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

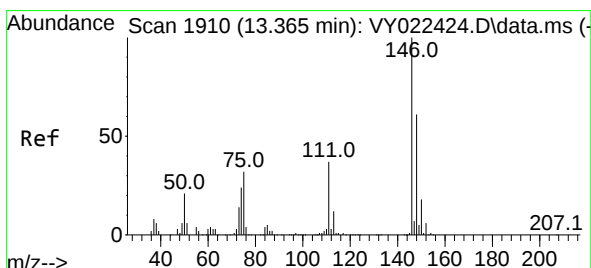
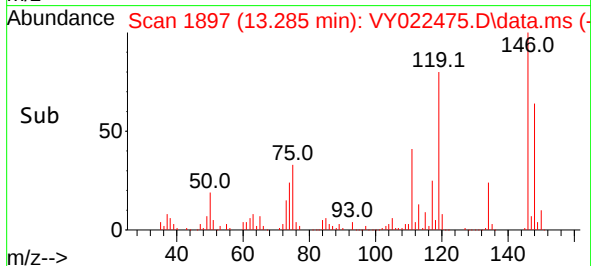
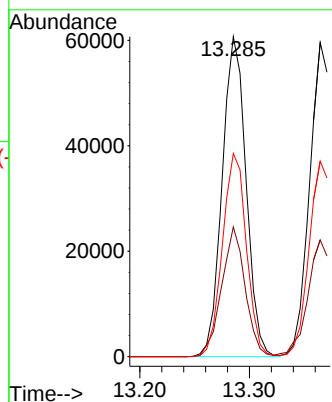
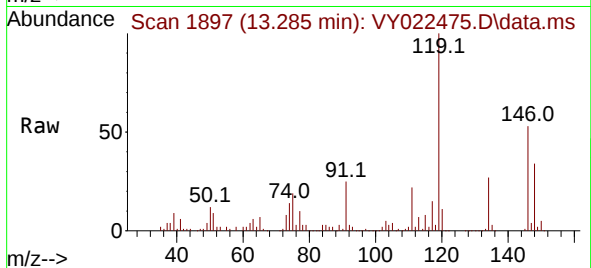
Tgt Ion:146	Resp:	91908
Ion Ratio	Lower	Upper
146	100	
111	40.0	19.6 58.8
148	63.8	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#88

1,4-Dichlorobenzene

Concen: 21.285 ug/l

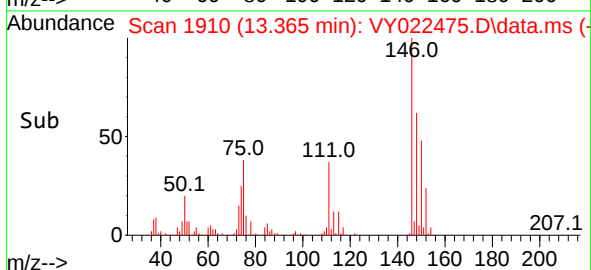
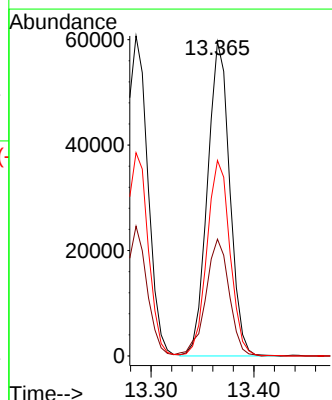
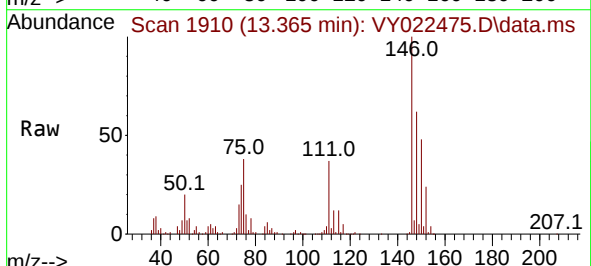
RT: 13.365 min Scan# 1910

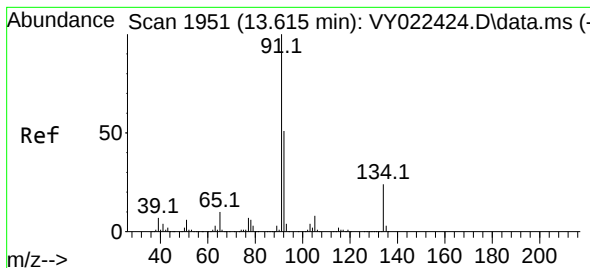
Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

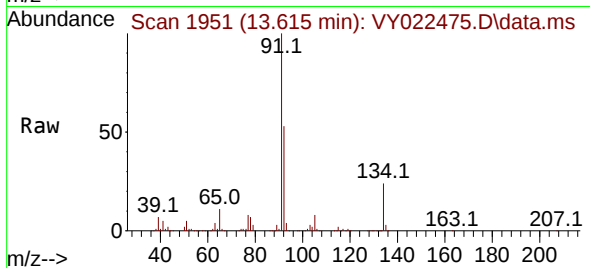
Tgt Ion:146	Resp:	89674
Ion Ratio	Lower	Upper
146	100	
111	39.2	18.7 56.1
148	64.5	31.4 94.3





#89
n-Butylbenzene
Concen: 21.392 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

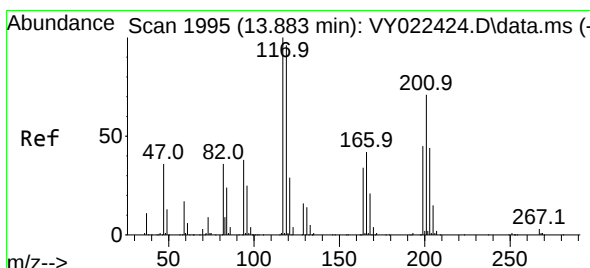
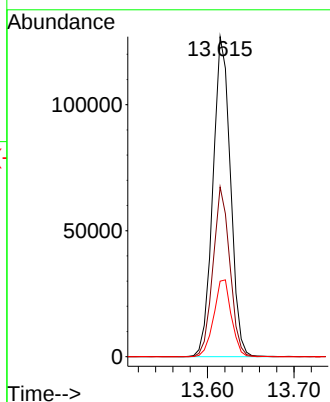
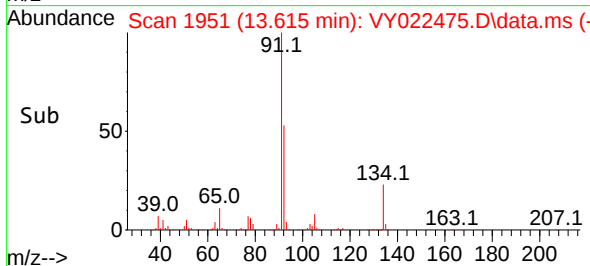
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



Tgt Ion: 91 Resp: 178440
Ion Ratio Lower Upper
91 100
92 50.9 25.9 77.6
134 24.2 12.4 37.0

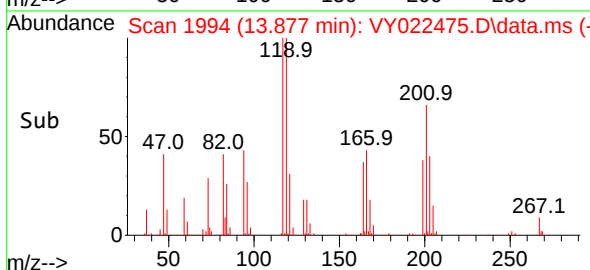
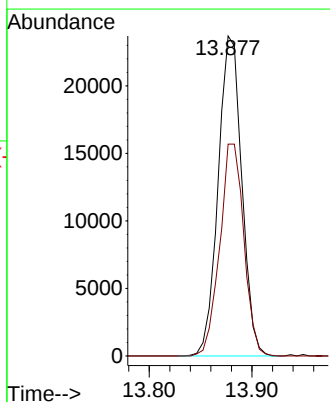
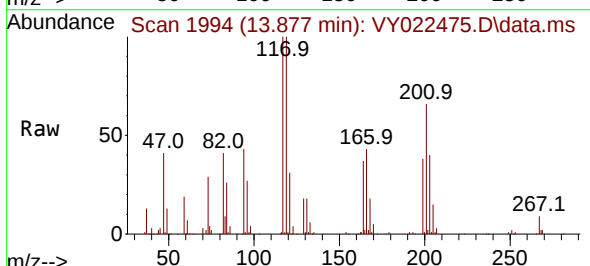
Manual Integrations
APPROVED

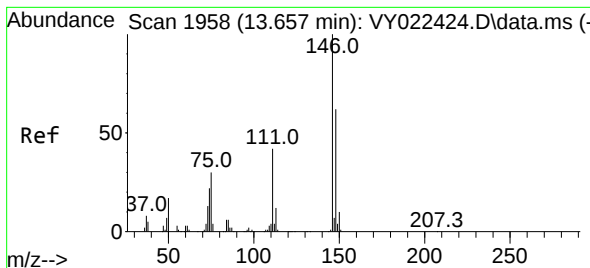
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#90
Hexachloroethane
Concen: 21.335 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

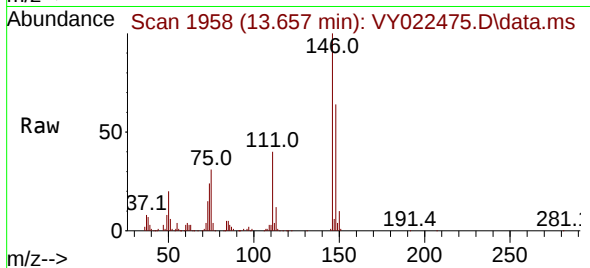
Tgt Ion:117 Resp: 37771
Ion Ratio Lower Upper
117 100
201 67.7 35.0 105.0





#91
1,2-Dichlorobenzene
Concen: 21.689 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

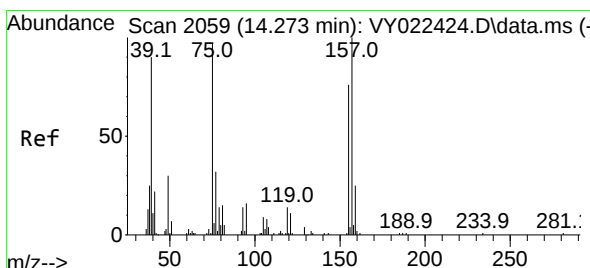
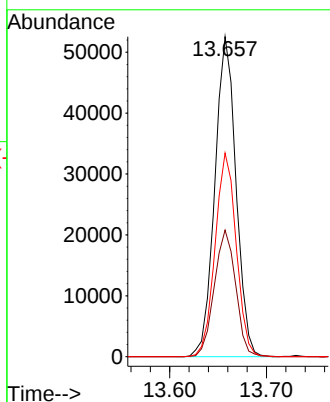
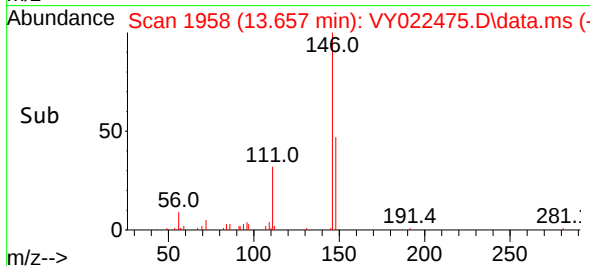
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBSD01



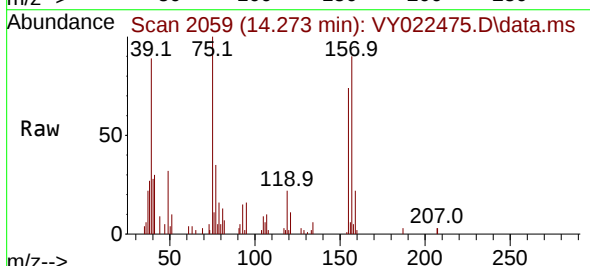
Tgt Ion:146 Resp: 79820
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 63.4 31.9 95.9

Manual Integrations
APPROVED

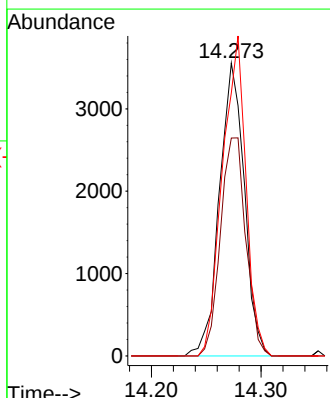
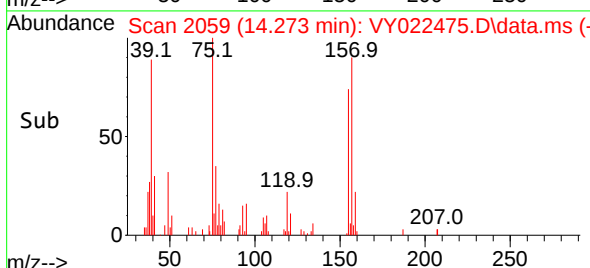
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

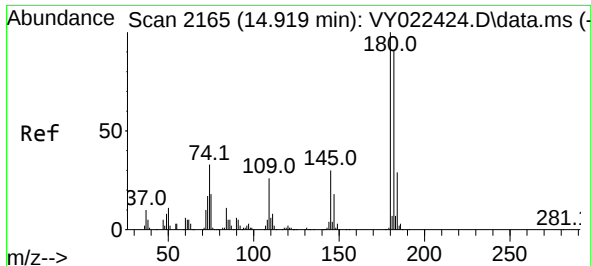


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.564 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



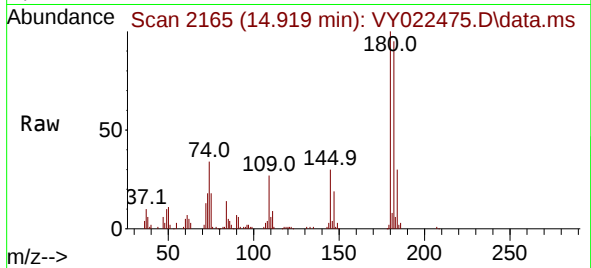
Tgt Ion: 75 Resp: 5590
Ion Ratio Lower Upper
75 100
155 76.2 42.3 126.8
157 103.2 54.4 163.3





#93
1,2,4-Trichlorobenzene
Concen: 21.451 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37

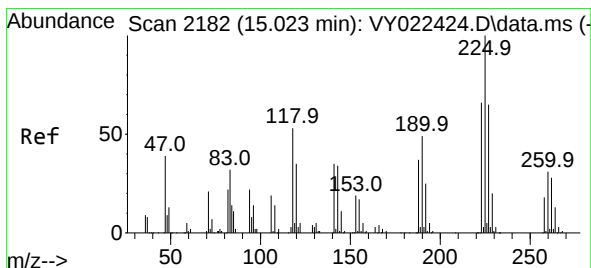
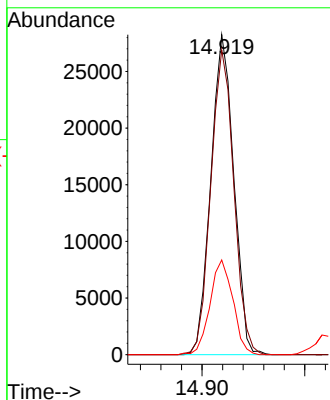
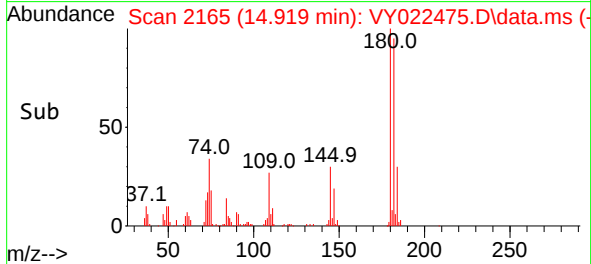
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



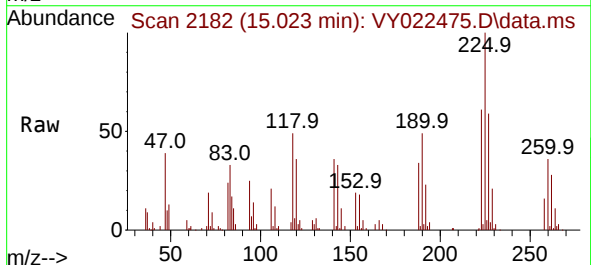
Tgt Ion:180 Resp: 4376
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 29.6 14.2 42.8

Manual Integrations
APPROVED

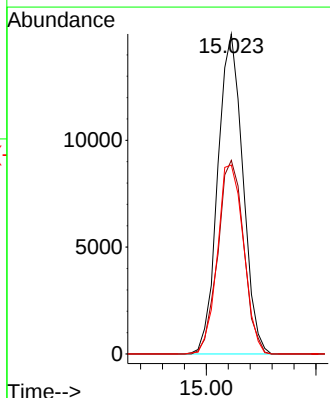
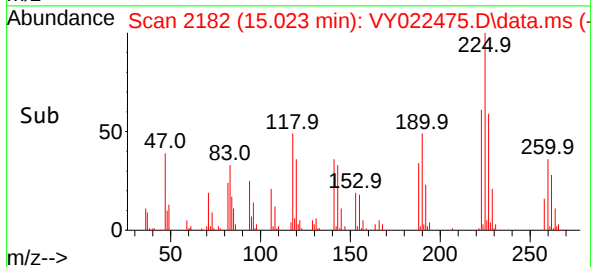
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

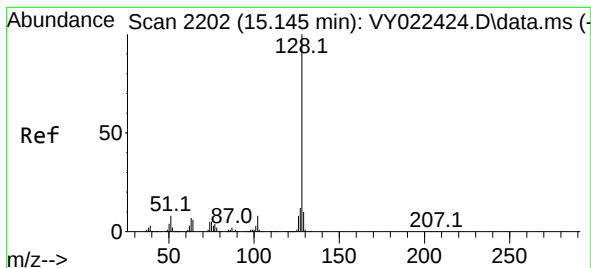


#94
Hexachlorobutadiene
Concen: 22.204 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022475.D
Acq: 30 May 2025 13:37



Tgt Ion:225 Resp: 23775
Ion Ratio Lower Upper
225 100
223 62.2 32.6 97.7
227 61.7 33.0 99.0





#95

Naphthalene

Concen: 22.153 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBSD01

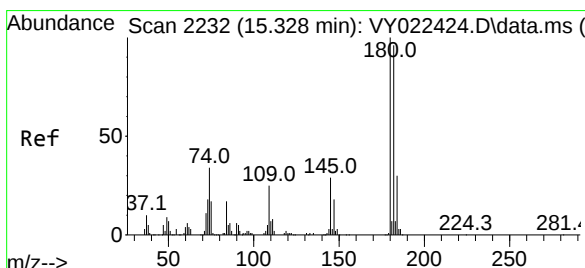
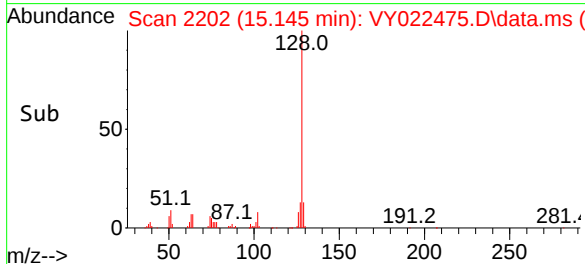
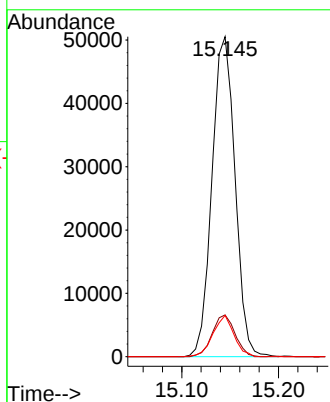
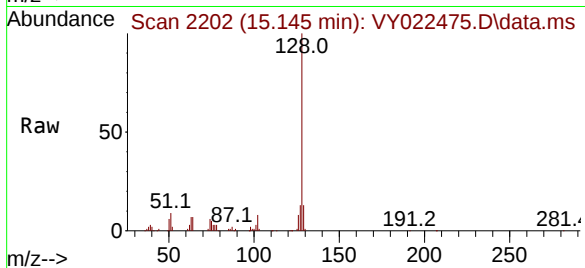
Tgt Ion:128	Resp:	83550
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	11.8	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 22.405 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022475.D

Acq: 30 May 2025 13:37

Tgt Ion:180	Resp:	37490
Ion Ratio	Lower	Upper
180	100	
182	97.7	48.1 144.3
145	30.9	14.9 44.5

