

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022382.D
 Acq On : 22 May 2025 09:36
 Operator : SY/MD
 Sample : VY0522SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 03:32:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	174604	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	293942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	250842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	118480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92313	48.376	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.646	113	88232	50.291	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.580%		
50) Toluene-d8	10.115	98	361670	50.334	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.414	95	108691	47.724	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	35700	19.595	ug/l	100
3) Chloromethane	2.074	50	89428	23.334	ug/l	96
4) Vinyl Chloride	2.208	62	106584	24.892	ug/l	98
5) Bromomethane	2.598	94	120242	34.496	ug/l	100
6) Chloroethane	2.739	64	75963	28.516	ug/l	99
7) Trichlorofluoromethane	3.056	101	101302	23.367	ug/l	96
8) Diethyl Ether	3.464	74	20744	19.939	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	39378	20.923	ug/l	99
10) Methyl Iodide	4.013	142	39404	18.090	ug/l	98
11) Tert butyl alcohol	4.891	59	13893	95.339	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	38242	20.476	ug/l	94
13) Acrolein	3.665	56	11668	54.771	ug/l	97
14) Allyl chloride	4.397	41	57800	17.650	ug/l	93
15) Acrylonitrile	5.067	53	41413	96.604	ug/l	99
16) Acetone	3.885	43	37784	105.597	ug/l	96
17) Carbon Disulfide	4.116	76	117567	19.304	ug/l	99
18) Methyl Acetate	4.403	43	18733	16.605	ug/l #	89
19) Methyl tert-butyl Ether	5.128	73	100940	19.601	ug/l	98
20) Methylene Chloride	4.629	84	43819	18.952	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	40647	19.717	ug/l	95
22) Diisopropyl ether	6.031	45	124864	18.055	ug/l	98
23) Vinyl Acetate	5.970	43	370765	88.742	ug/l	96
24) 1,1-Dichloroethane	5.927	63	75035	19.421	ug/l	99
25) 2-Butanone	6.909	43	57111	95.421	ug/l	95
26) 2,2-Dichloropropane	6.890	77	69084	20.103	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	47248	19.861	ug/l	97
28) Bromochloromethane	7.256	49	30609	18.573	ug/l	96
29) Tetrahydrofuran	7.280	42	35533	92.280	ug/l	94
30) Chloroform	7.433	83	74530	20.111	ug/l	99
31) Cyclohexane	7.713	56	72006	18.653	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	66206	19.472	ug/l	99
36) 1,1-Dichloropropene	7.847	75	56933	19.702	ug/l	99
37) Ethyl Acetate	6.994	43	26743	19.234	ug/l	97
38) Carbon Tetrachloride	7.829	117	59138	19.771	ug/l	97
39) Methylcyclohexane	9.116	83	74349	19.151	ug/l	97
40) Benzene	8.091	78	167114	19.508	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022382.D
 Acq On : 22 May 2025 09:36
 Operator : SY/MD
 Sample : VY0522SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 03:32:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	14142	15.333	ug/l #	82
42) 1,2-Dichloroethane	8.171	62	44204	19.081	ug/l	98
43) Isopropyl Acetate	8.207	43	52844	17.427	ug/l	98
44) Trichloroethene	8.872	130	42833	20.109	ug/l	96
45) 1,2-Dichloropropane	9.152	63	39408	19.081	ug/l	97
46) Dibromomethane	9.237	93	22173	19.905	ug/l	97
47) Bromodichloromethane	9.433	83	55825	19.317	ug/l	98
48) Methyl methacrylate	9.231	41	24395	17.203	ug/l	94
49) 1,4-Dioxane	9.250	88	5019	398.826	ug/l	89
51) 4-Methyl-2-Pentanone	10.006	43	132300	88.920	ug/l	96
52) Toluene	10.176	92	105474	19.443	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	52289	18.540	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	60767	18.806	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	27910	19.566	ug/l	99
56) Ethyl methacrylate	10.445	69	41592	18.718	ug/l	95
57) 1,3-Dichloropropane	10.725	76	50921	20.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	80535	80.750	ug/l	97
59) 2-Hexanone	10.768	43	89261	89.478	ug/l	95
60) Dibromochloromethane	10.920	129	36931	19.947	ug/l	100
61) 1,2-Dibromoethane	11.024	107	26053	19.596	ug/l	99
64) Tetrachloroethene	10.652	164	46204	19.928	ug/l	96
65) Chlorobenzene	11.450	112	111687	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	36492	18.757	ug/l	98
67) Ethyl Benzene	11.524	91	198411	18.720	ug/l	99
68) m/p-Xylenes	11.633	106	151710	37.987	ug/l	97
69) o-Xylene	11.963	106	71140	18.827	ug/l	100
70) Styrene	11.975	104	121069	18.995	ug/l	97
71) Bromoform	12.139	173	20171	19.208	ug/l #	99
73) Isopropylbenzene	12.261	105	189456	19.302	ug/l	100
74) N-amyl acetate	12.078	43	47777	17.019	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	29957	19.845	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	22658m	18.877	ug/l	
77) Bromobenzene	12.536	156	39583	18.881	ug/l	98
78) n-propylbenzene	12.603	91	229385	19.375	ug/l	100
79) 2-Chlorotoluene	12.682	91	120979	18.594	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	149426	18.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10636	17.950	ug/l	97
82) 4-Chlorotoluene	12.780	91	123043	18.386	ug/l	99
83) tert-Butylbenzene	12.999	119	134904	19.156	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	147645	18.771	ug/l	99
85) sec-Butylbenzene	13.182	105	202478	19.368	ug/l	100
86) p-Isopropyltoluene	13.298	119	166855	18.977	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	80701	18.857	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	78194	18.995	ug/l	99
89) n-Butylbenzene	13.621	91	160206	19.260	ug/l	100
90) Hexachloroethane	13.883	117	33947	19.127	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	68652	19.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4780	19.637	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	40453	19.482	ug/l	99
94) Hexachlorobutadiene	15.029	225	21731	18.766	ug/l	98
95) Naphthalene	15.151	128	76320	19.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	33805	19.191	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022382.D
Acq On : 22 May 2025 09:36
Operator : SY/MD
Sample : VY0522SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

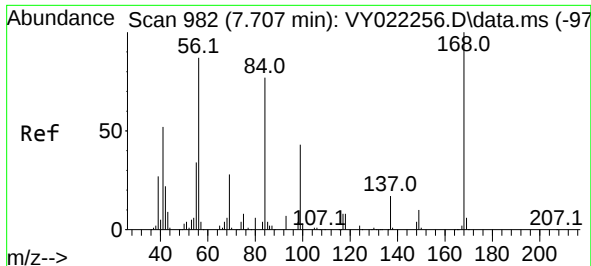
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

Quant Time: May 23 03:32:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

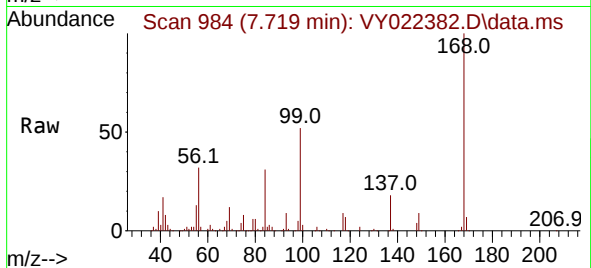
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

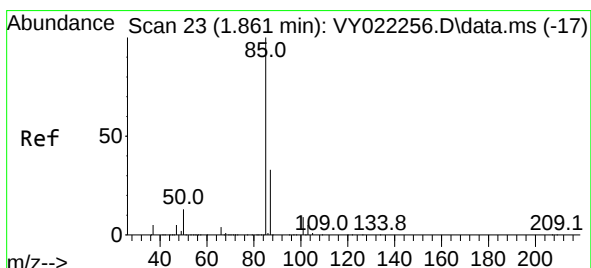
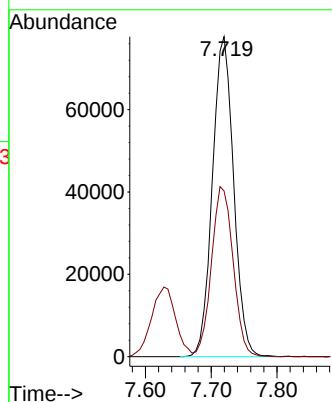
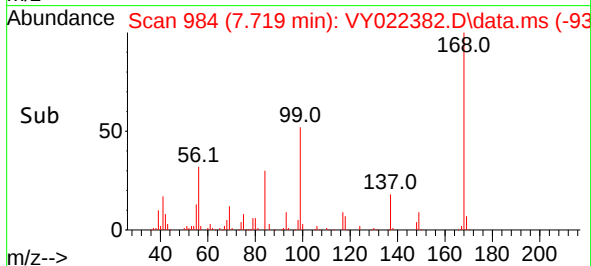
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



Tgt Ion:168 Resp: 174604
Ion Ratio Lower Upper
168 100
99 51.8 44.2 66.4

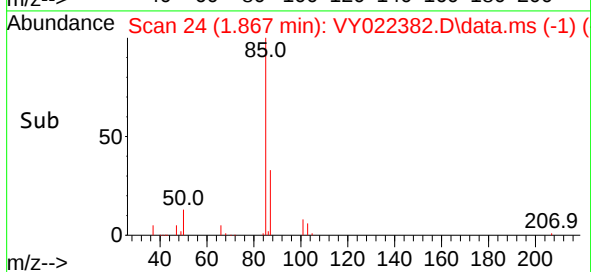
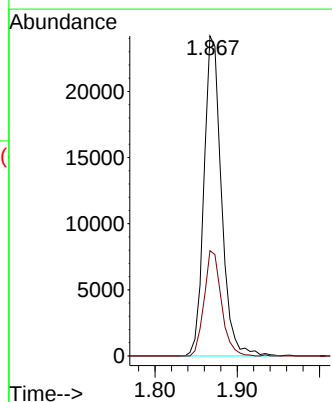
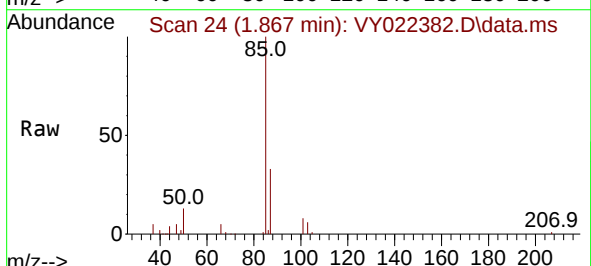
Manual Integrations
APPROVED

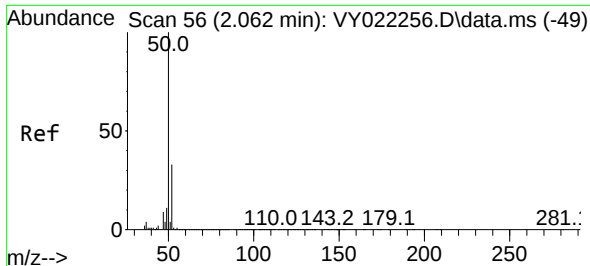
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#2
Dichlorodifluoromethane
Concen: 19.595 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

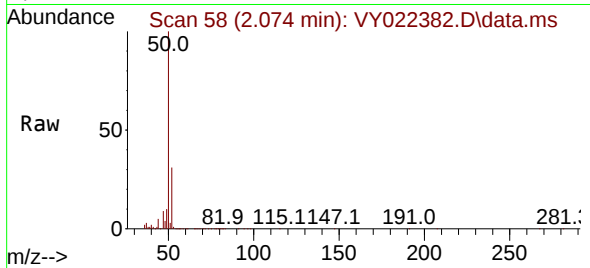
Tgt Ion: 85 Resp: 35700
Ion Ratio Lower Upper
85 100
87 32.9 16.5 49.5





#3
Chloromethane
Concen: 23.334 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

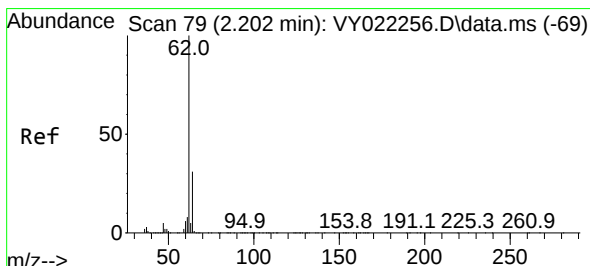
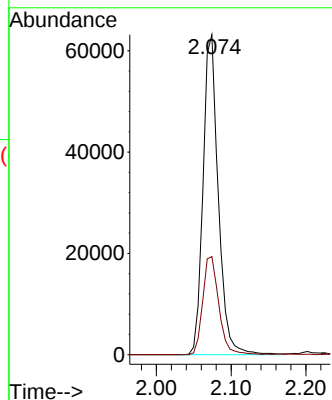
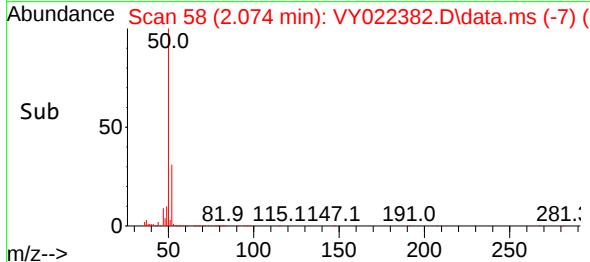
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



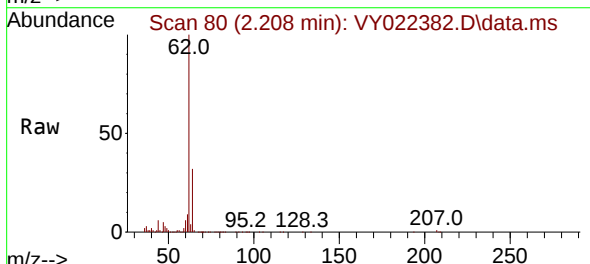
Tgt Ion: 50 Resp: 89428
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7

Manual Integrations
APPROVED

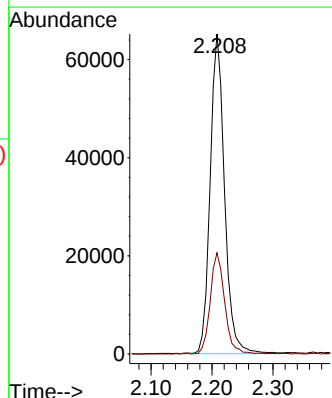
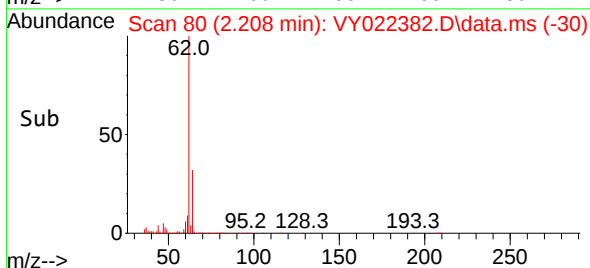
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#4
Vinyl Chloride
Concen: 24.892 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



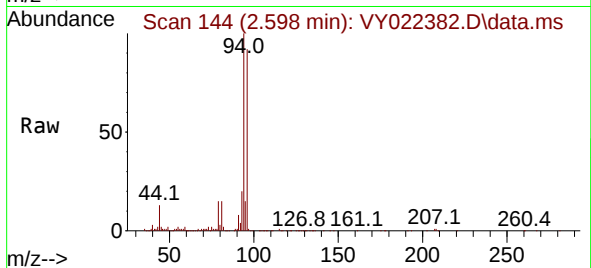
Tgt Ion: 62 Resp: 106584
Ion Ratio Lower Upper
62 100
64 31.6 24.5 36.7





#5
Bromomethane
Concen: 34.496 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

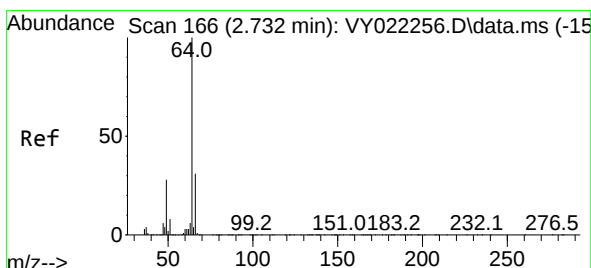
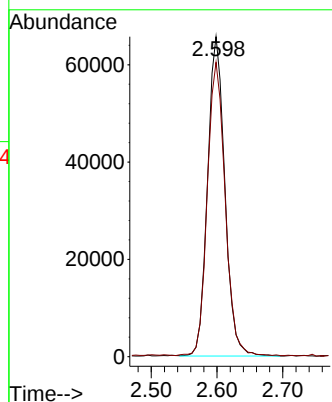
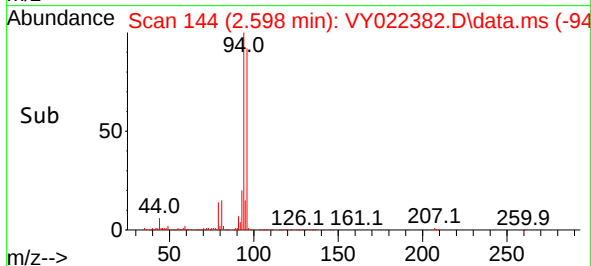
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



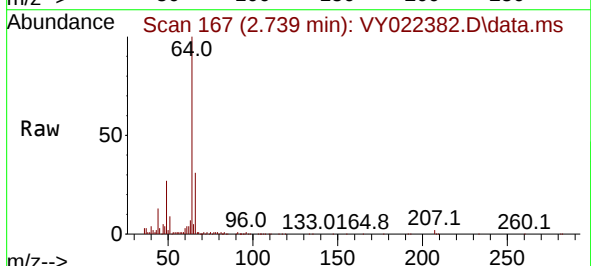
Tgt Ion: 94 Resp: 12024
Ion Ratio Lower Upper
94 100
96 91.8 73.4 110.0

Manual Integrations
APPROVED

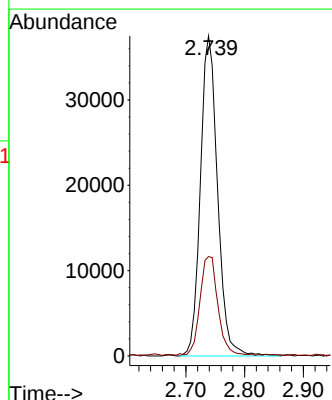
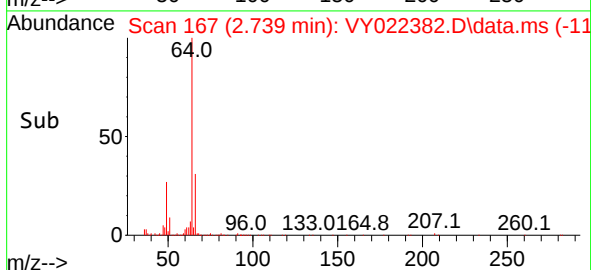
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

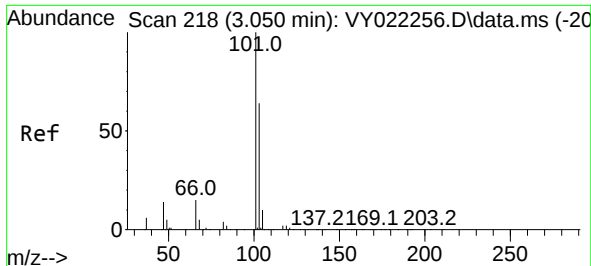


#6
Chloroethane
Concen: 28.516 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



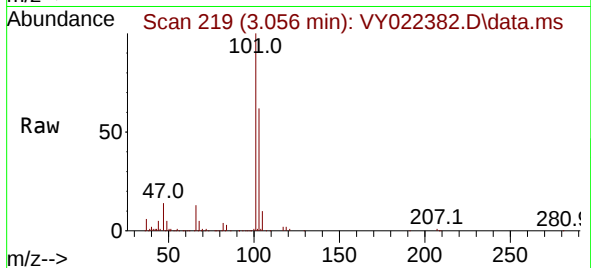
Tgt Ion: 64 Resp: 75963
Ion Ratio Lower Upper
64 100
66 30.7 24.8 37.2





#7
Trichlorofluoromethane
Concen: 23.367 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

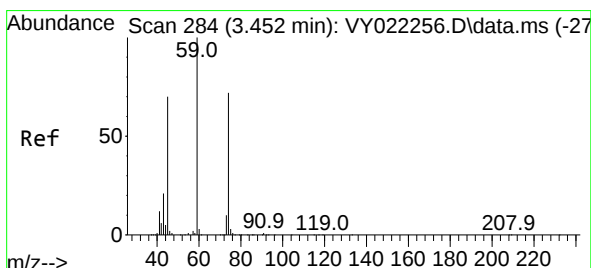
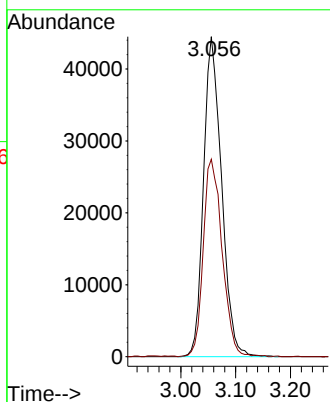
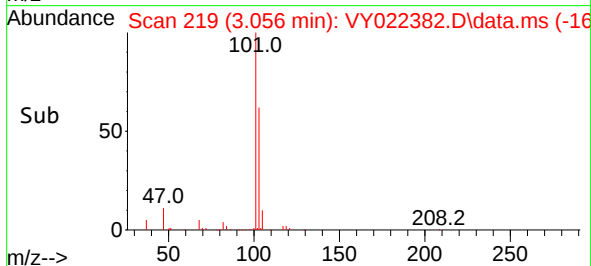
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



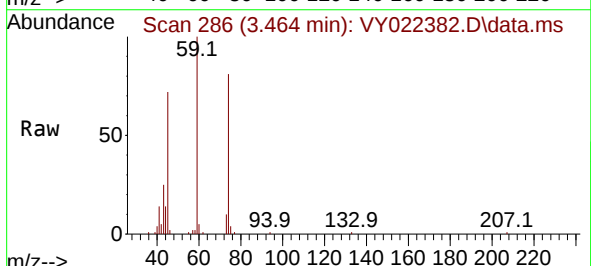
Tgt Ion:101 Resp: 101302
Ion Ratio Lower Upper
101 100
103 61.7 51.7 77.5

Manual Integrations
APPROVED

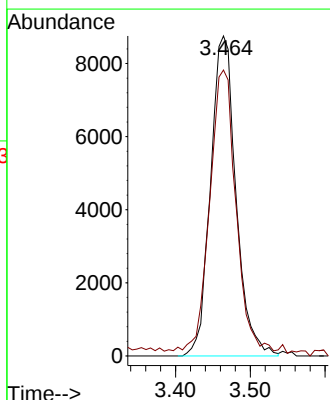
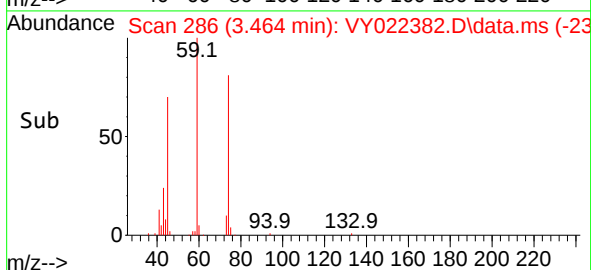
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#8
Diethyl Ether
Concen: 19.939 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



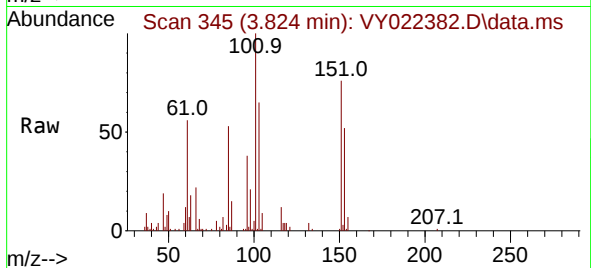
Tgt Ion: 74 Resp: 20744
Ion Ratio Lower Upper
74 100
45 89.0 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.923 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

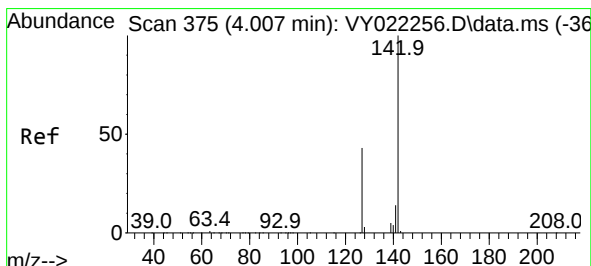
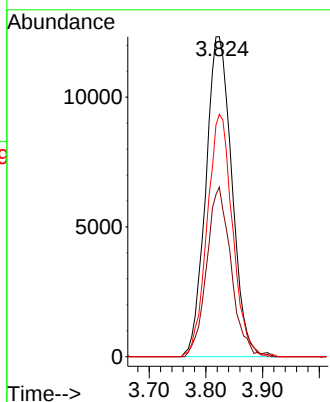
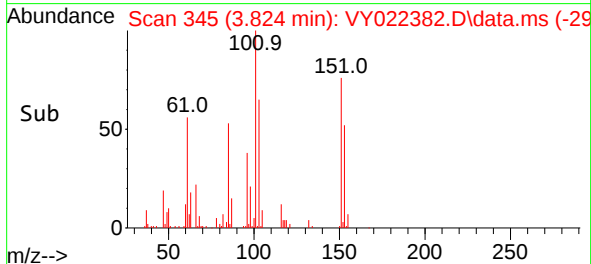
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



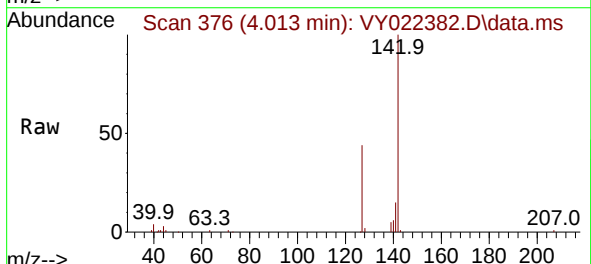
Tgt Ion:101 Resp: 39378
Ion Ratio Lower Upper
101 100
85 49.6 38.6 58.0
151 73.6 59.7 89.5

Manual Integrations
APPROVED

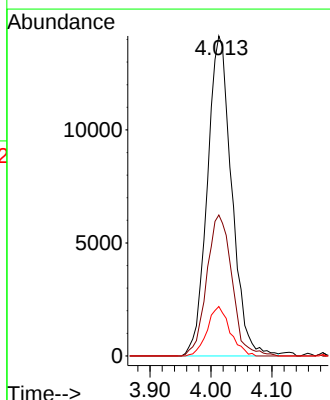
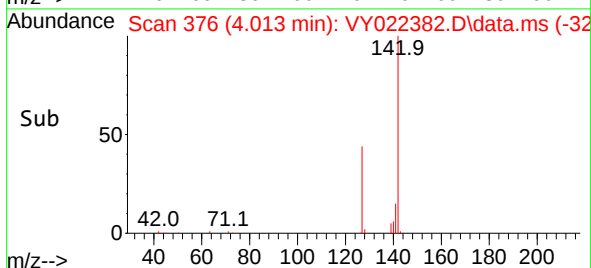
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

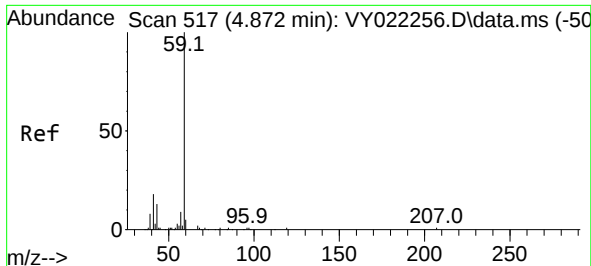


#10
Methyl Iodide
Concen: 18.090 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



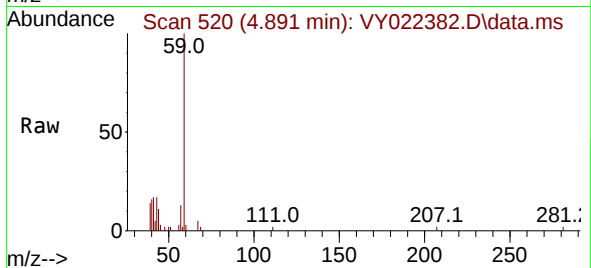
Tgt Ion:142 Resp: 39404
Ion Ratio Lower Upper
142 100
127 45.6 35.7 53.5
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 95.339 ug/l
RT: 4.891 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

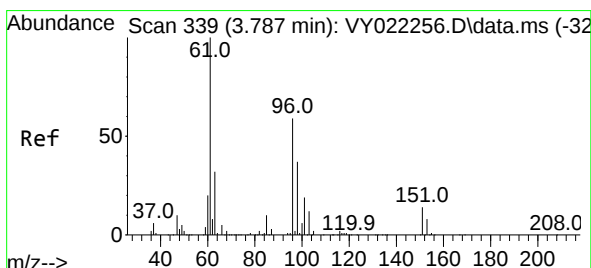
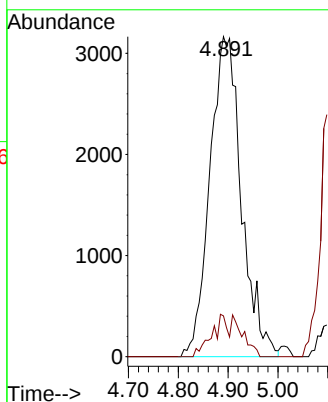
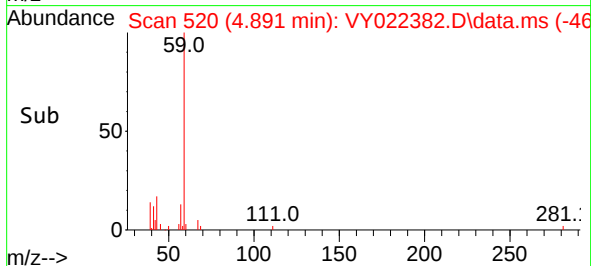
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



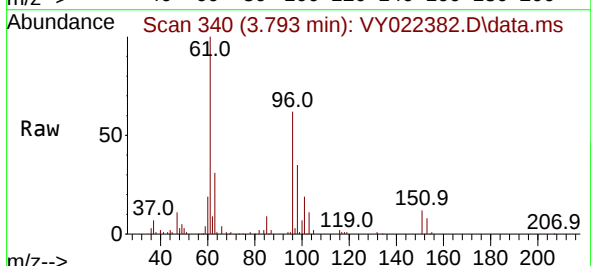
Tgt Ion: 59 Resp: 1389
Ion Ratio Lower Upper
59 100
57 6.7 0.0 0.0

Manual Integrations
APPROVED

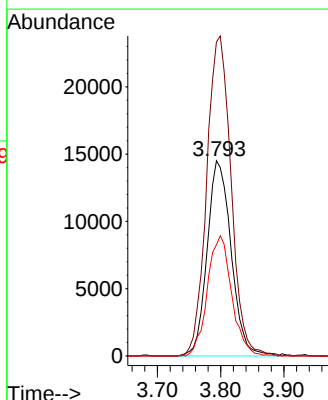
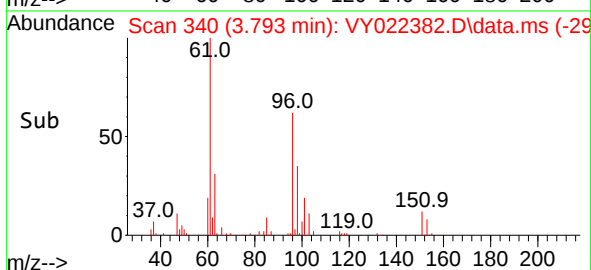
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

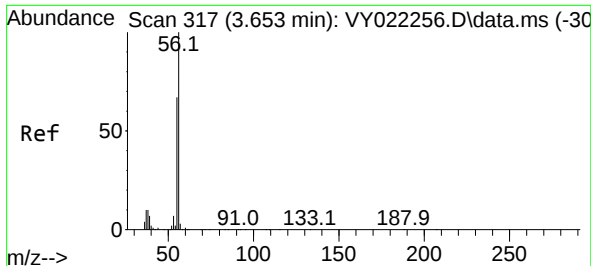


#12
1,1-Dichloroethene
Concen: 20.476 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



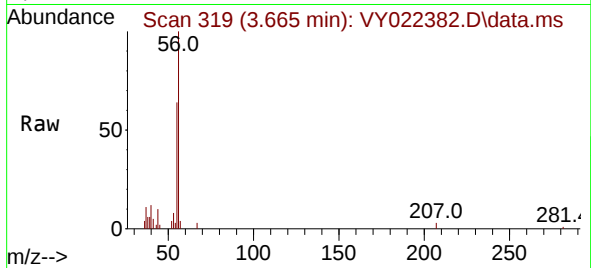
Tgt Ion: 96 Resp: 38242
Ion Ratio Lower Upper
96 100
61 160.9 134.9 202.3
98 57.0 49.9 74.9





#13
Acrolein
Concen: 54.771 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

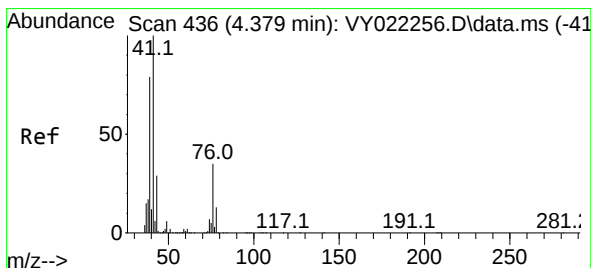
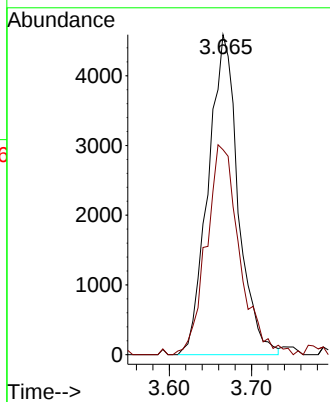
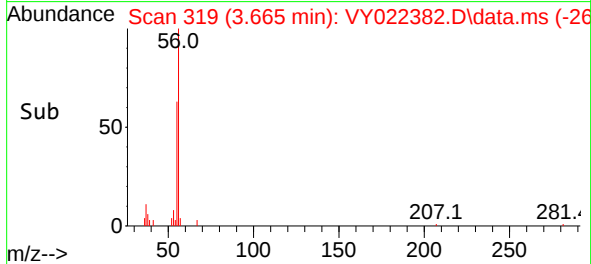
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



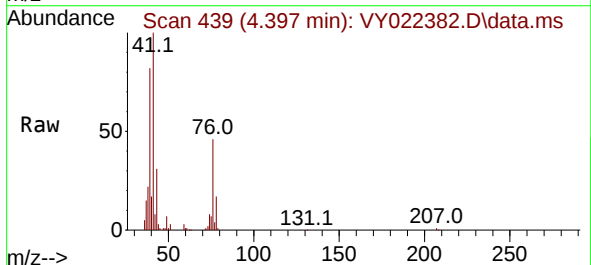
Tgt Ion: 56 Resp: 11668
Ion Ratio Lower Upper
56 100
55 72.3 55.6 83.4

Manual Integrations
APPROVED

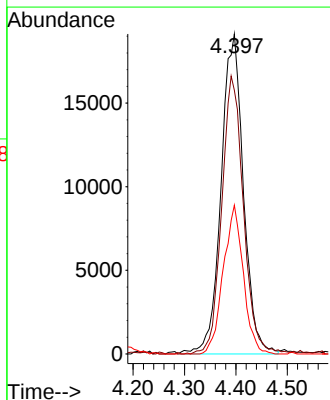
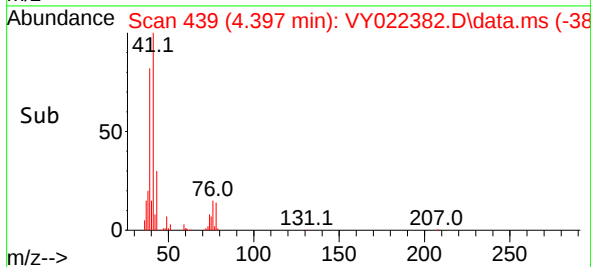
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#14
Allyl chloride
Concen: 17.650 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



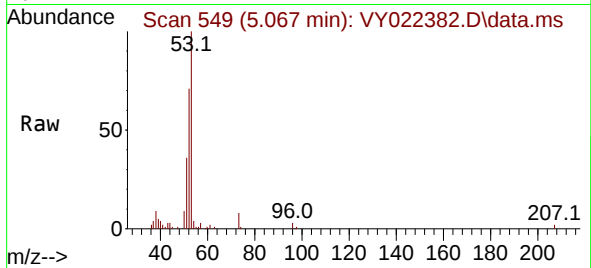
Tgt Ion: 41 Resp: 57800
Ion Ratio Lower Upper
41 100
39 84.4 63.4 95.0
76 41.7 29.5 44.3





#15
Acrylonitrile
Concen: 96.604 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

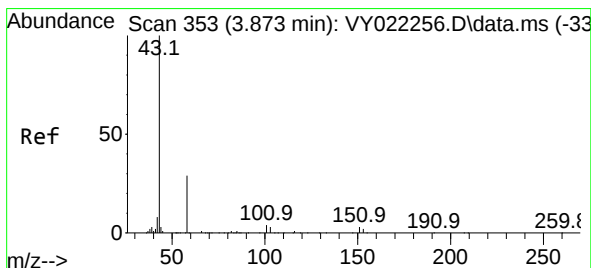
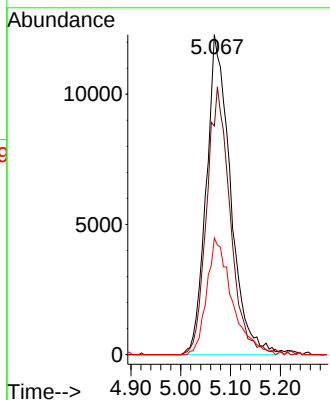
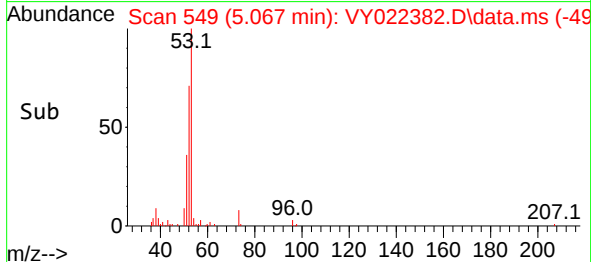
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



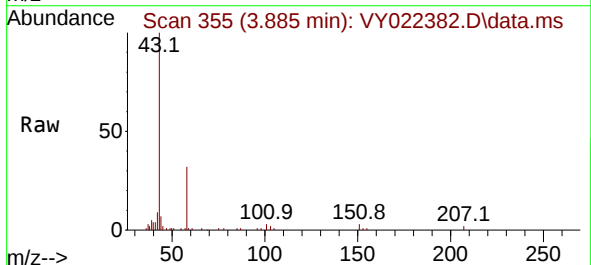
Tgt Ion: 53 Resp: 4141
Ion Ratio Lower Upper
53 100
52 81.2 66.1 99.1
51 38.2 30.0 45.0

Manual Integrations
APPROVED

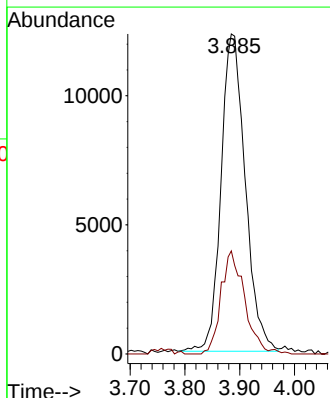
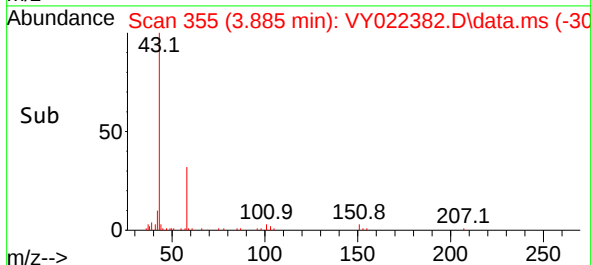
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#16
Acetone
Concen: 105.597 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion: 43 Resp: 37784
Ion Ratio Lower Upper
43 100
58 31.9 23.6 35.4





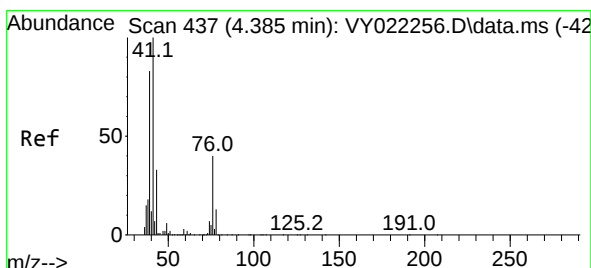
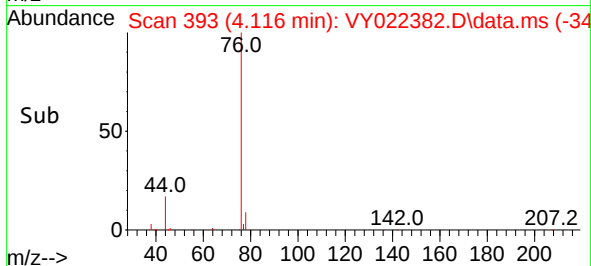
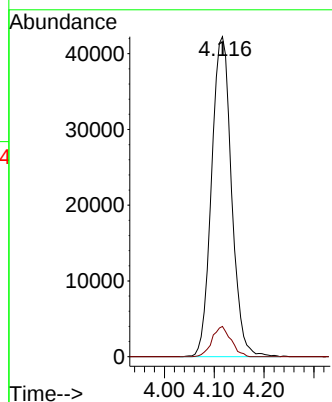
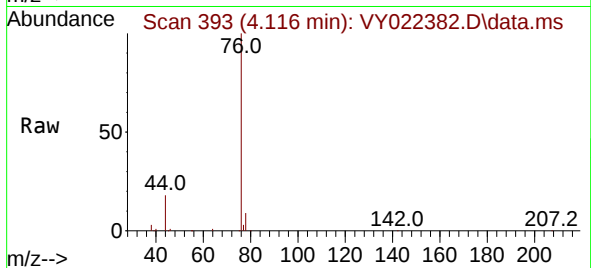
#17
Carbon Disulfide
Concen: 19.304 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion: 76 Resp: 11756
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

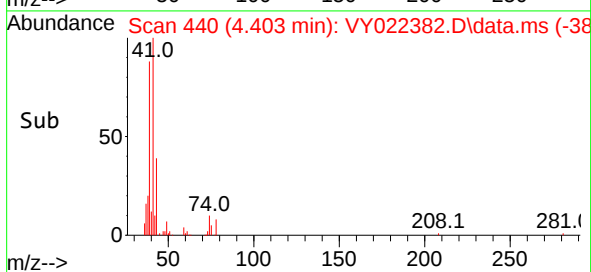
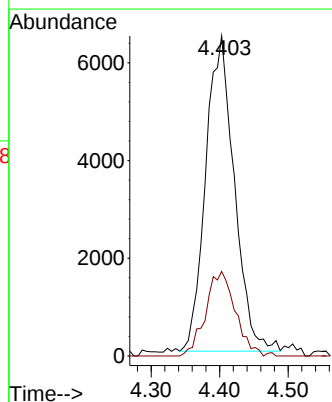
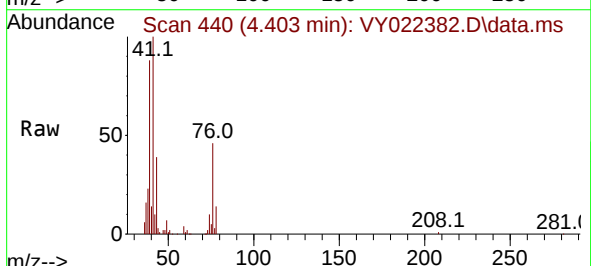
Manual Integrations
APPROVED

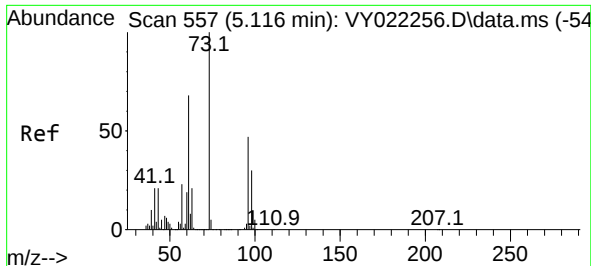
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 16.605 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Tgt Ion: 43 Resp: 18733
Ion Ratio Lower Upper
43 100
74 27.9 18.2 27.4#





#19

Methyl tert-butyl Ether

Concen: 19.601 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 73 Resp: 100940

Ion Ratio Lower Upper

73 100

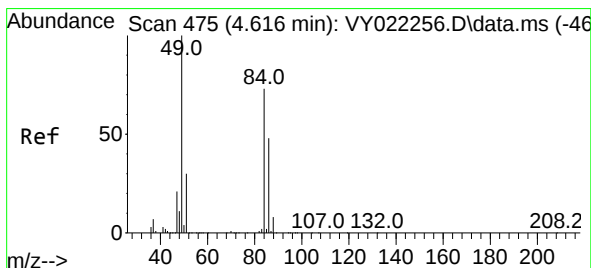
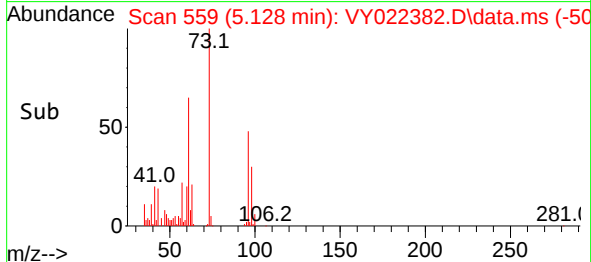
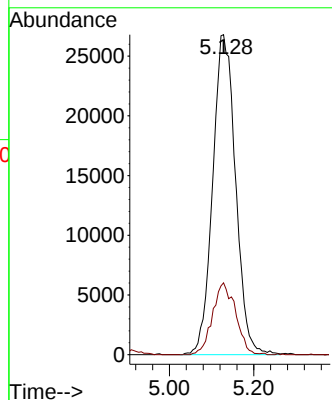
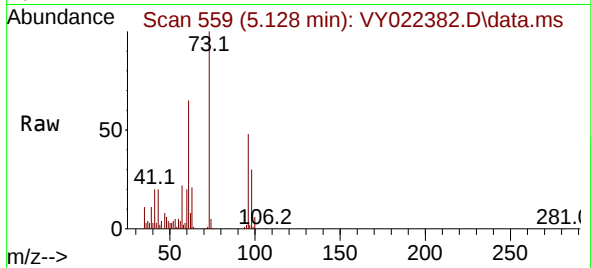
57 22.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#20

Methylene Chloride

Concen: 18.952 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion: 84 Resp: 43819

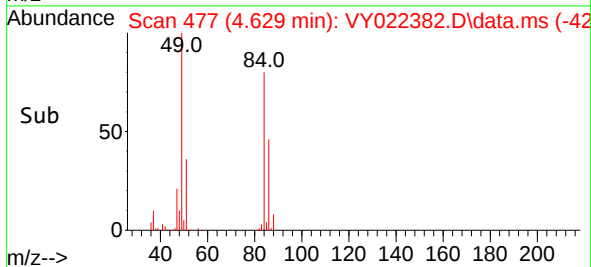
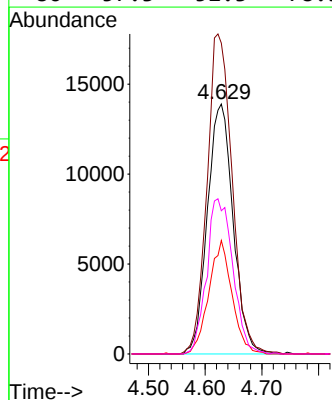
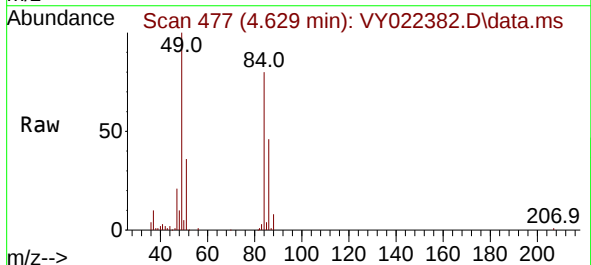
Ion Ratio Lower Upper

84 100

49 124.4 109.6 164.4

51 45.3 32.4 48.6

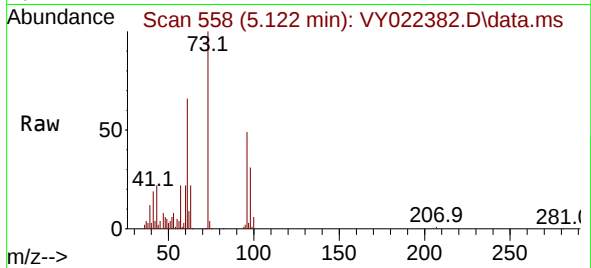
86 57.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.717 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

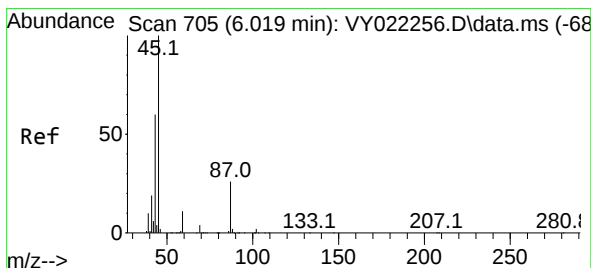
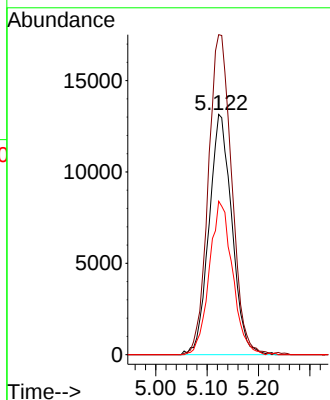
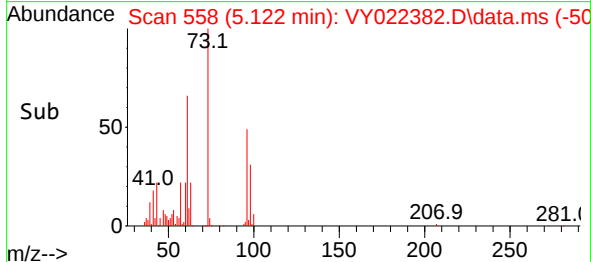
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



Tgt Ion: 96 Resp: 4064
Ion Ratio Lower Upper
96 100
61 133.2 113.4 170.0
98 63.9 50.9 76.3

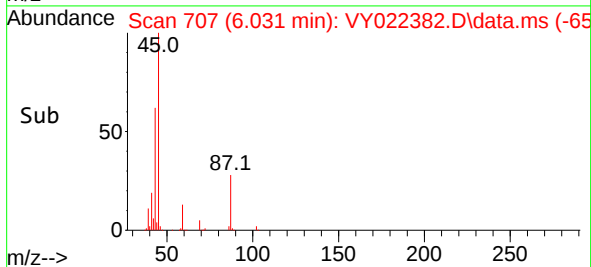
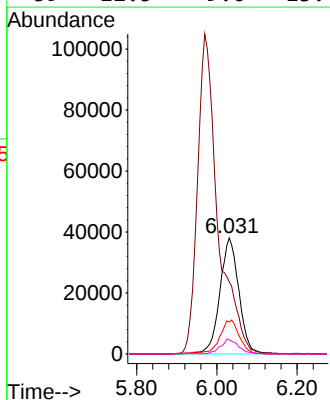
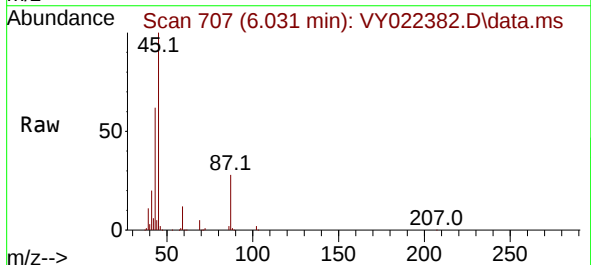
Manual Integrations
APPROVED

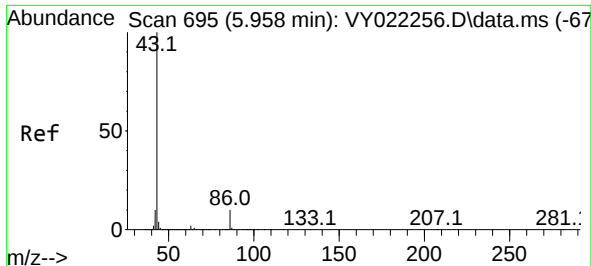
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#22
Diisopropyl ether
Concen: 18.055 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

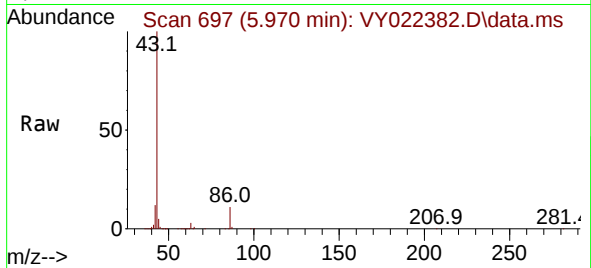
Tgt Ion: 45 Resp: 124864
Ion Ratio Lower Upper
45 100
43 61.7 48.2 72.2
87 27.6 21.4 32.0
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 88.742 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022382.D
 Acq: 22 May 2025 09:36

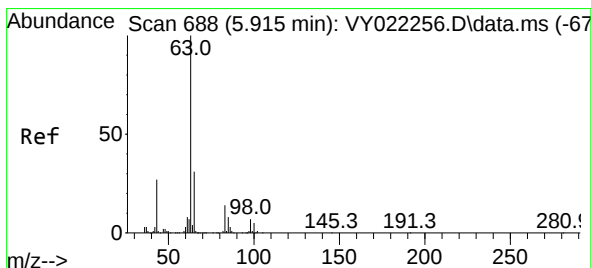
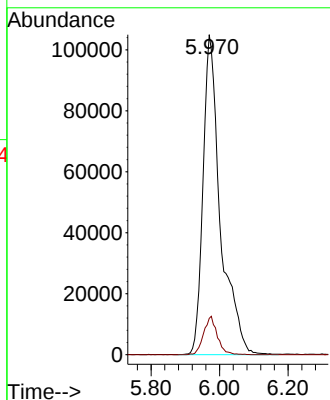
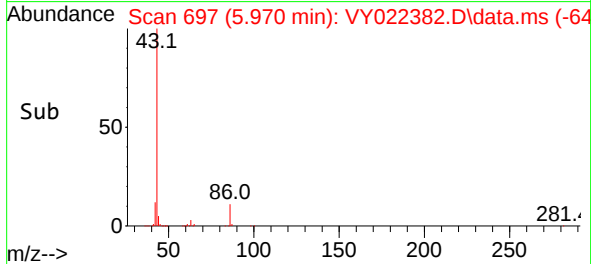
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01



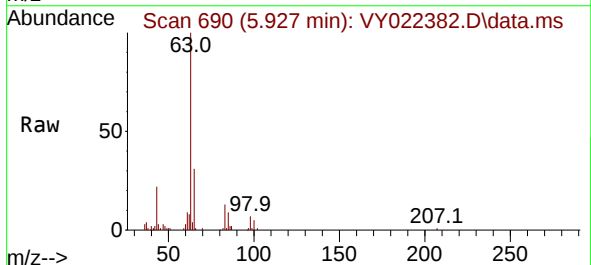
Tgt Ion: 43 Resp: 37076
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
 APPROVED

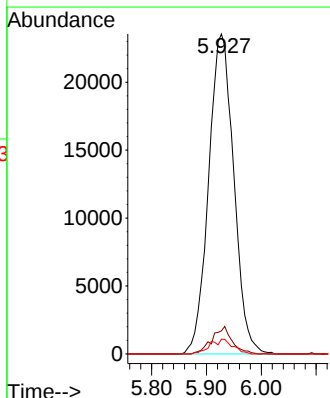
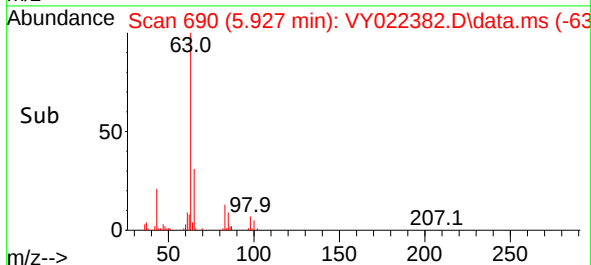
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

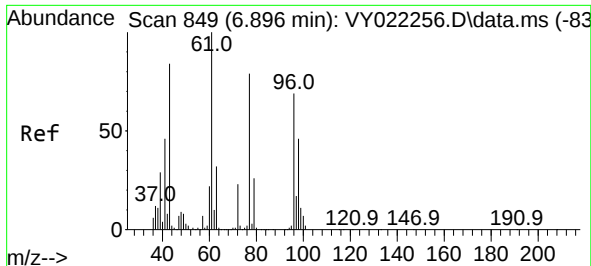


#24
 1,1-Dichloroethane
 Concen: 19.421 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022382.D
 Acq: 22 May 2025 09:36



Tgt Ion: 63 Resp: 75035
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 95.421 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 43 Resp: 5711

Ion Ratio Lower Upper

43 100

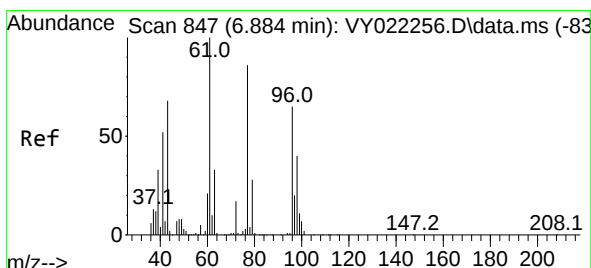
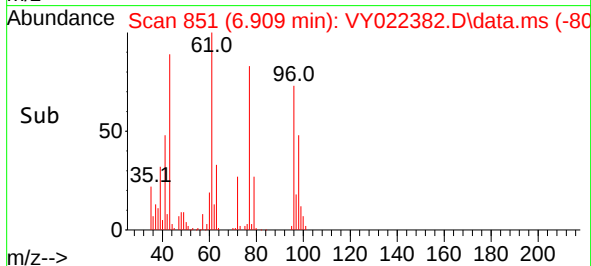
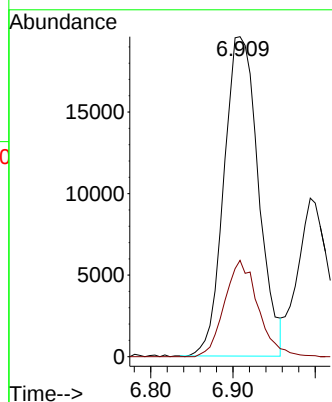
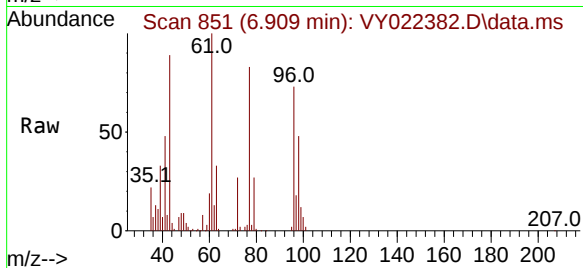
72 30.2 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#26

2,2-Dichloropropane

Concen: 20.103 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022382.D

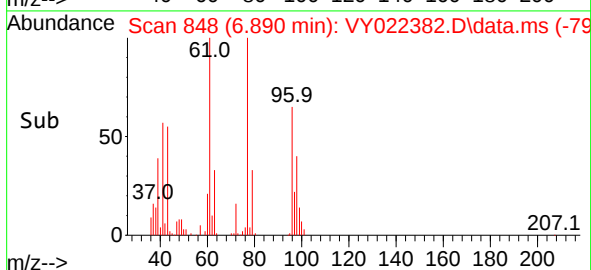
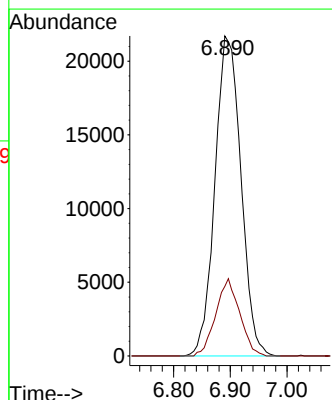
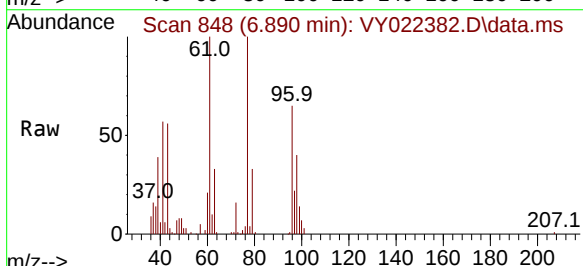
Acq: 22 May 2025 09:36

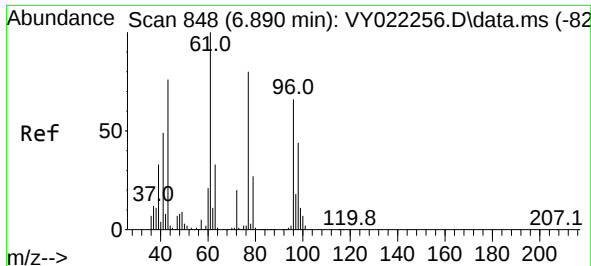
Tgt Ion: 77 Resp: 69084

Ion Ratio Lower Upper

77 100

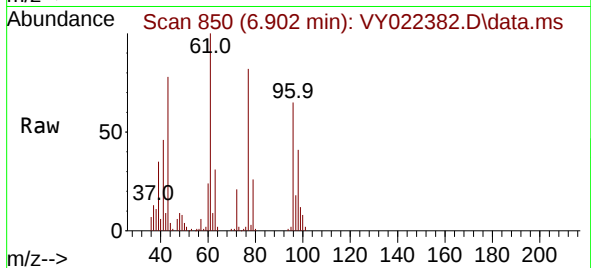
97 22.3 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 19.861 ug/l
RT: 6.902 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

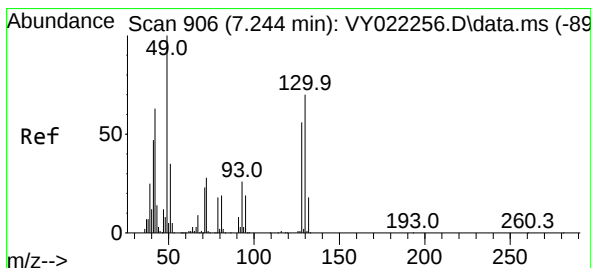
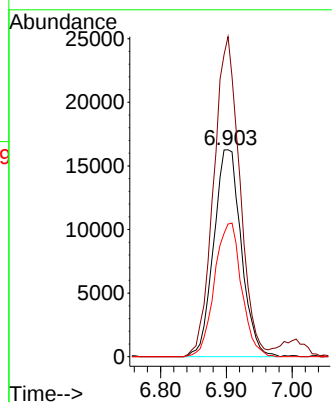
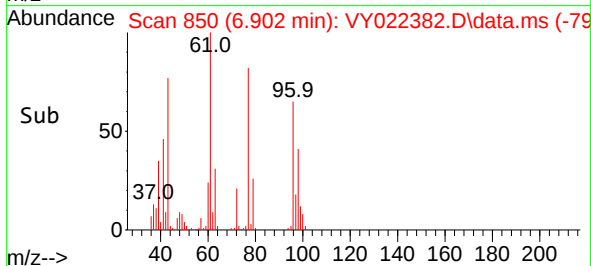
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



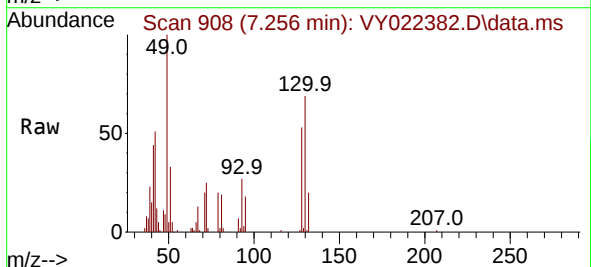
Tgt Ion: 96 Resp: 47248
Ion Ratio Lower Upper
96 100
61 147.3 0.0 302.6
98 63.4 0.0 128.8

Manual Integrations
APPROVED

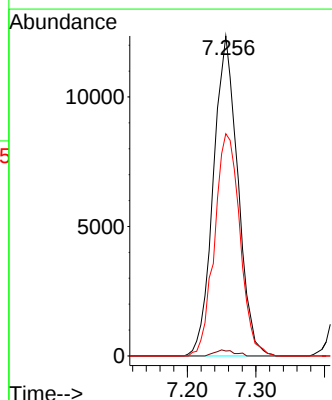
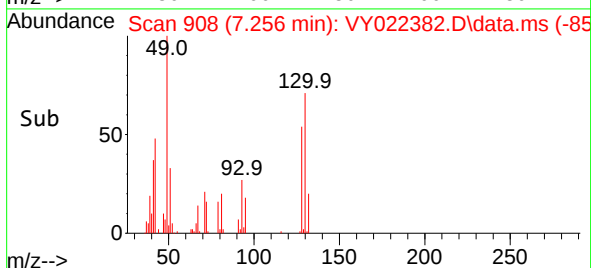
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

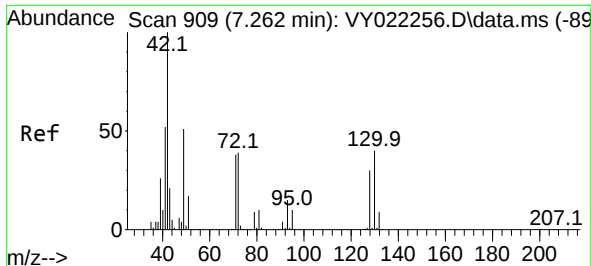


#28
Bromochloromethane
Concen: 18.573 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion: 49 Resp: 30609
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.6
130 72.1 54.7 82.1





#29

Tetrahydrofuran

Concen: 92.280 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

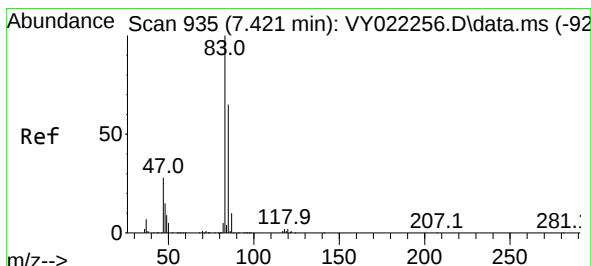
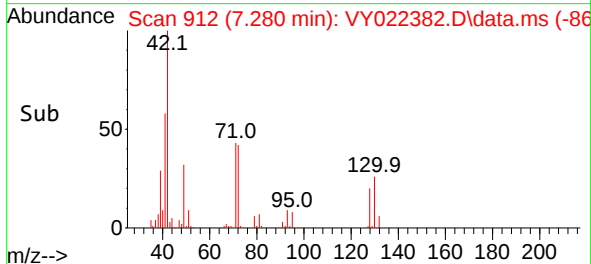
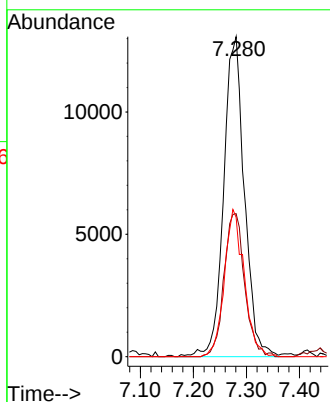
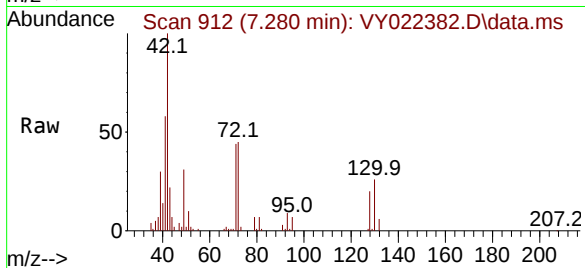
Tgt Ion:	42	Resp:	3553
Ion Ratio	Lower	Upper	
42	100		
72	44.5	33.8	50.6
71	44.0	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 20.111 ug/l

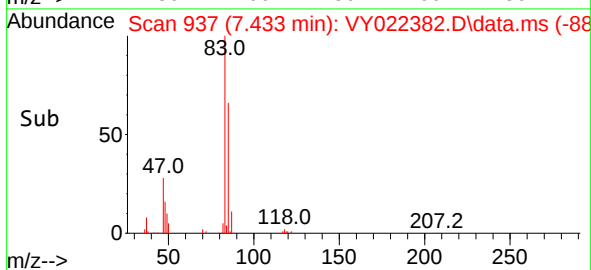
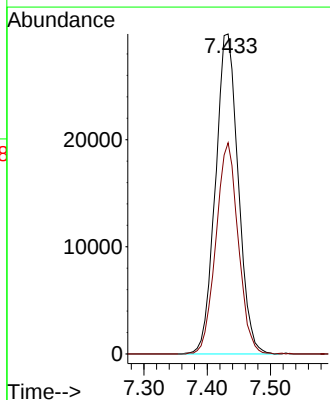
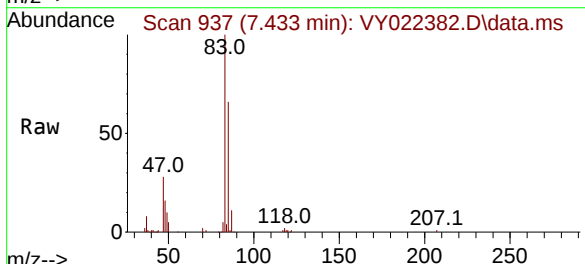
RT: 7.433 min Scan# 937

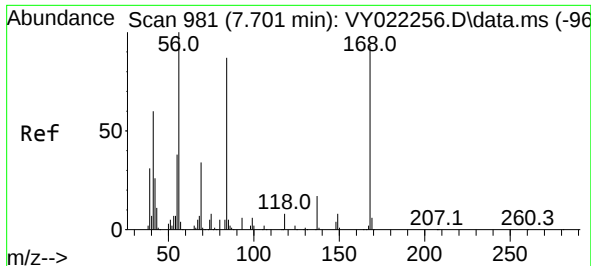
Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion:	83	Resp:	74530
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.8	77.8





#31

Cyclohexane

Concen: 18.653 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 56 Resp: 72000

Ion Ratio Lower Upper

56 100

69 39.5 27.4 41.2

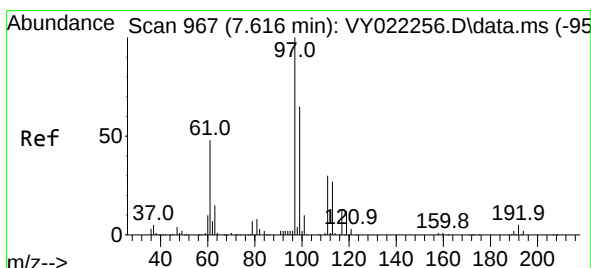
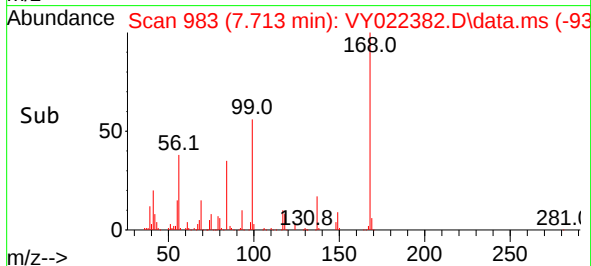
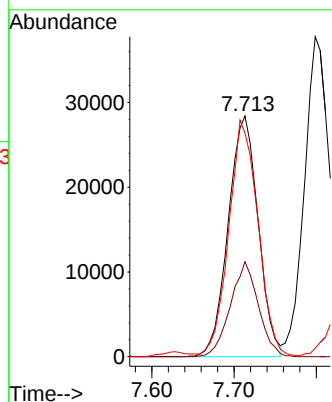
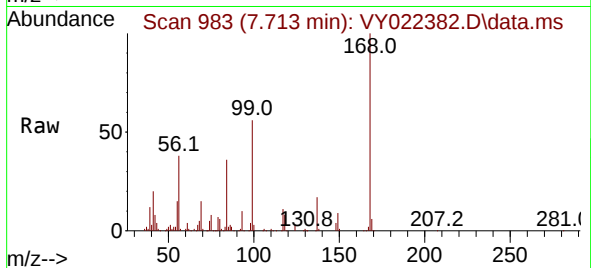
84 91.1 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#32

1,1,1-Trichloroethane

Concen: 19.472 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

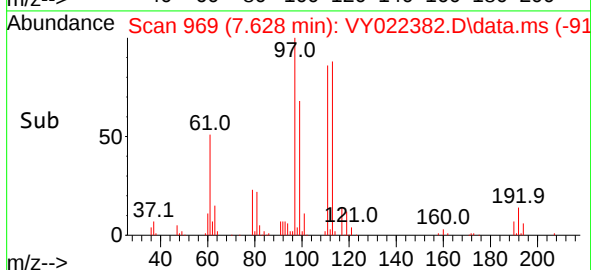
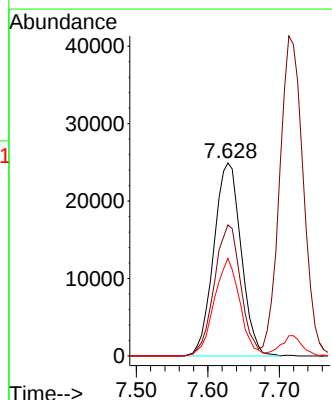
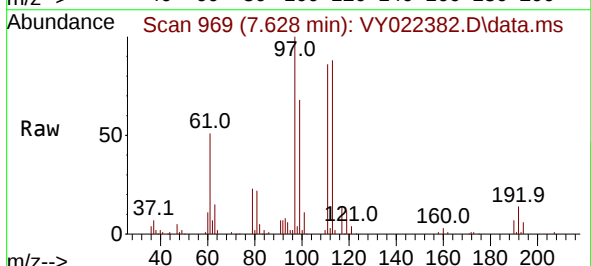
Tgt Ion: 97 Resp: 66206

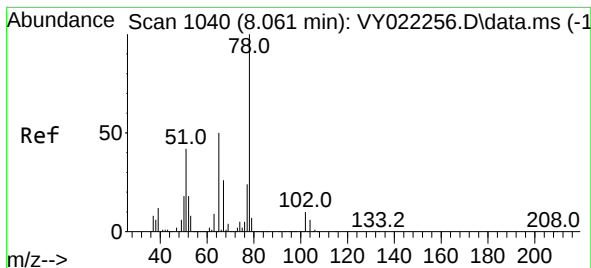
Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.0

61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 48.376 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 65 Resp: 9231

Ion Ratio Lower Upper

65 100

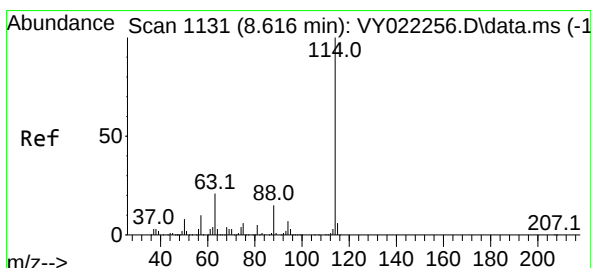
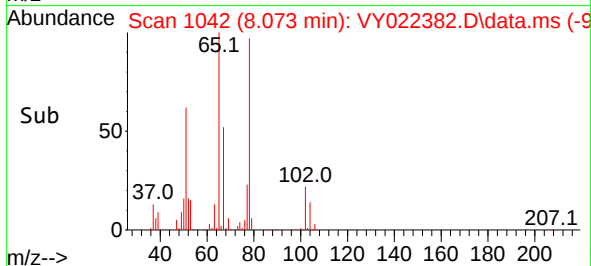
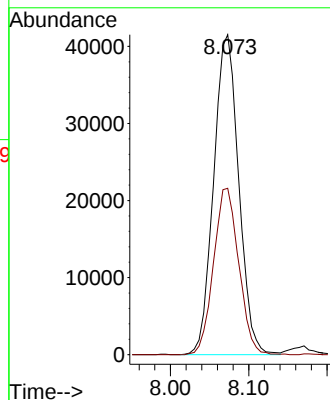
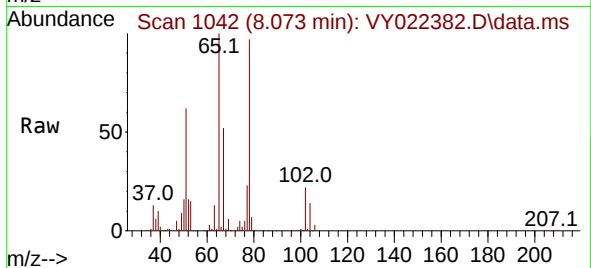
67 52.3 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

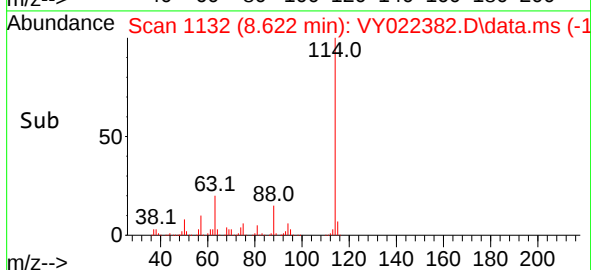
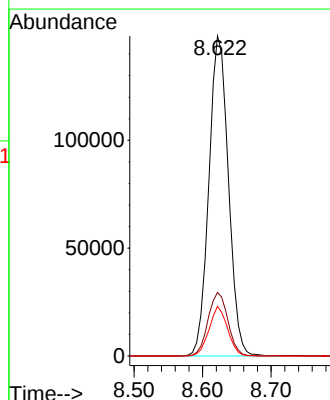
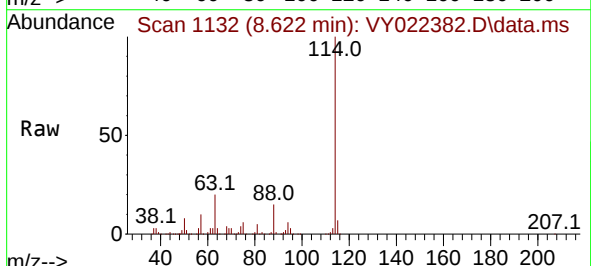
Tgt Ion:114 Resp: 293942

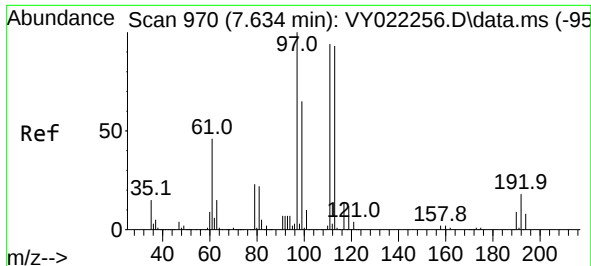
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

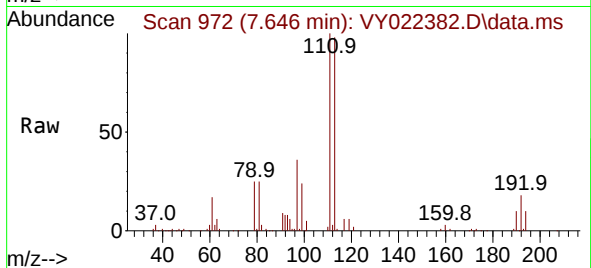
88 15.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.291 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

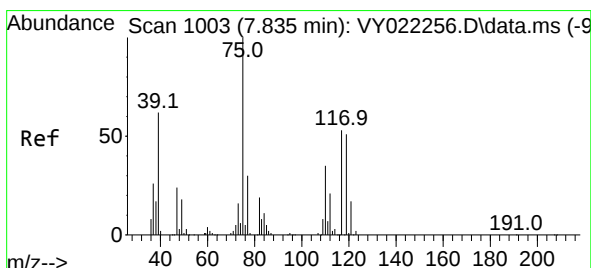
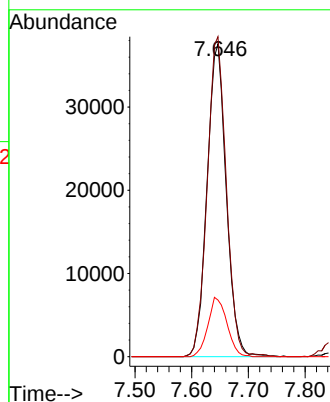
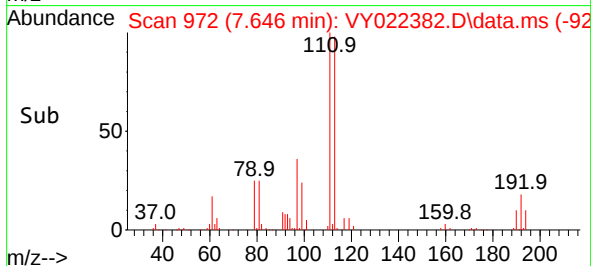
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



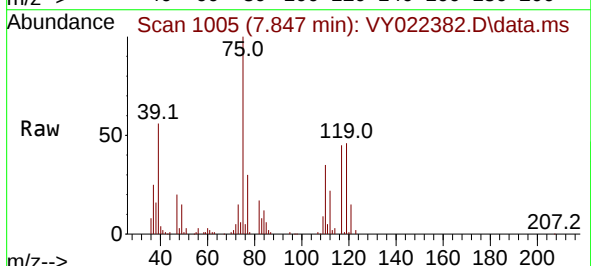
Tgt Ion: 113 Resp: 8823
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.8 15.2 22.8

Manual Integrations
APPROVED

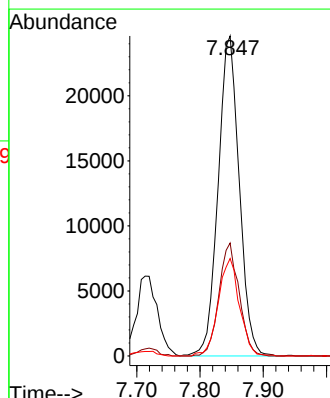
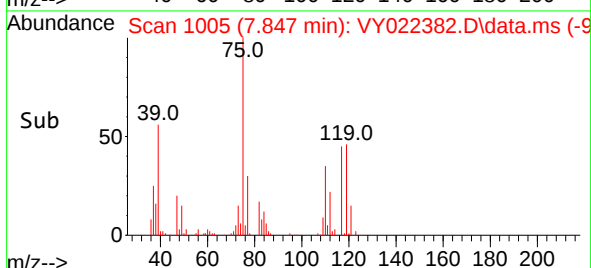
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

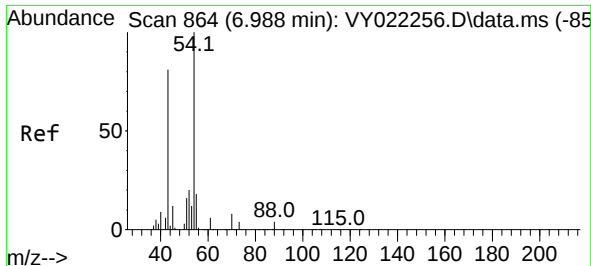


#36
1,1-Dichloropropene
Concen: 19.702 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion: 75 Resp: 56933
Ion Ratio Lower Upper
75 100
110 33.8 16.6 49.8
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 19.234 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

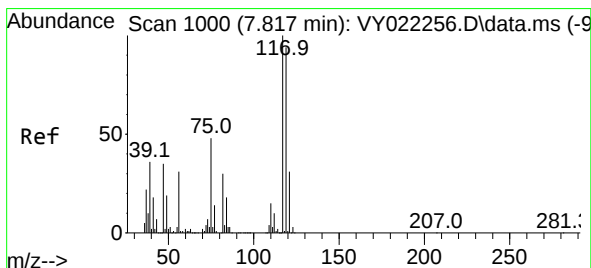
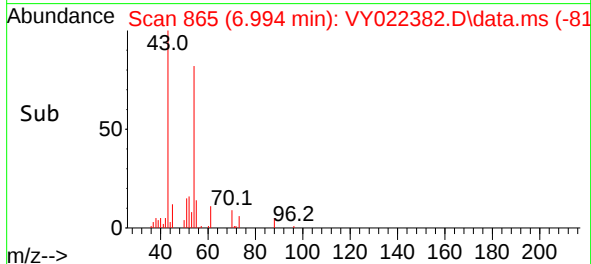
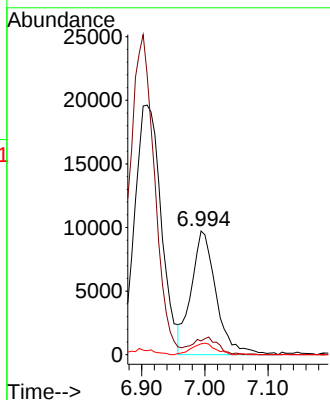
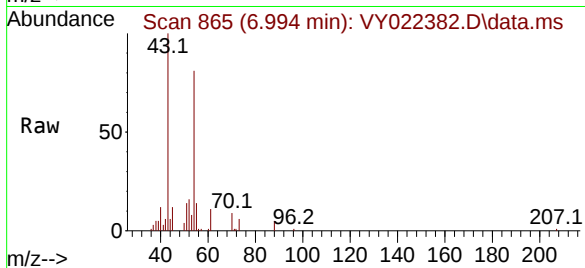
Tgt Ion:	43	Resp:	2674
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.2	15.2
70	8.7	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 19.771 ug/l

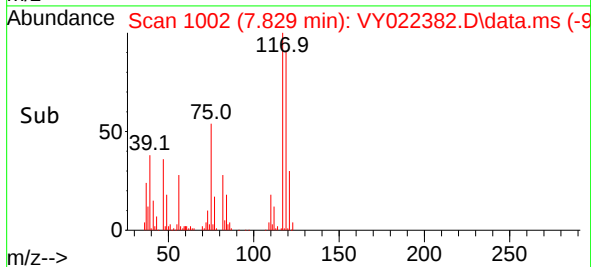
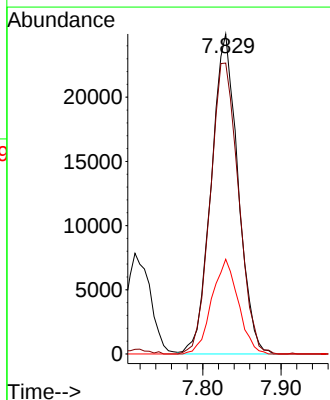
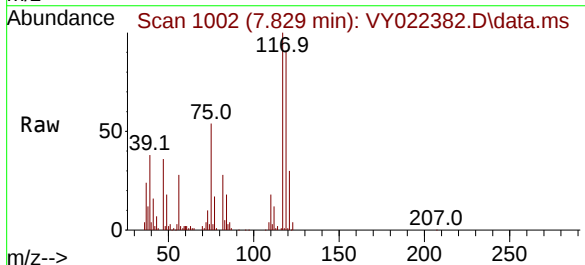
RT: 7.829 min Scan# 1002

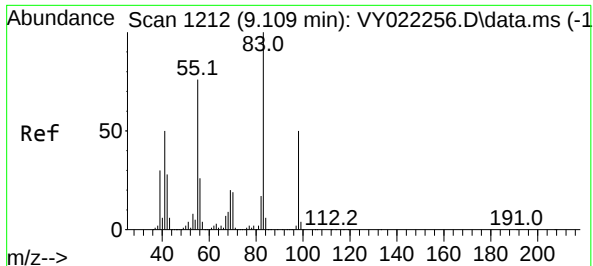
Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion:	117	Resp:	59138
Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.3	112.9
121	29.6	24.7	37.1





#39

Methylcyclohexane

Concen: 19.151 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

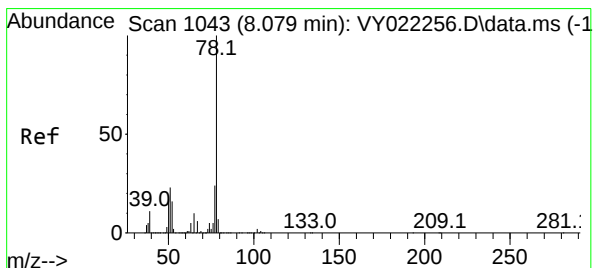
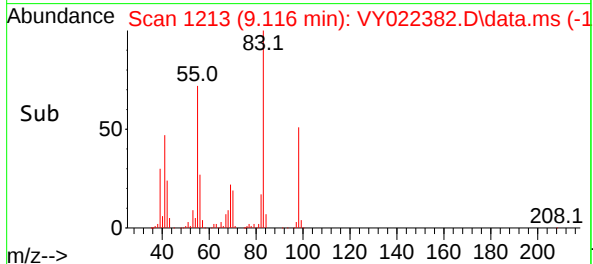
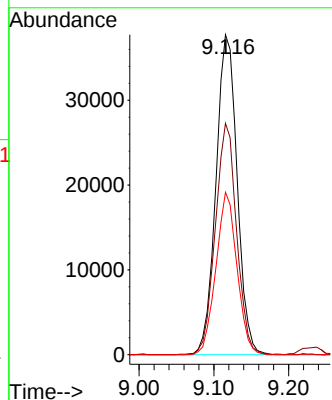
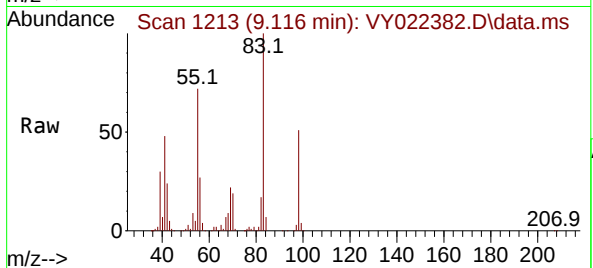
Tgt Ion:	83	Resp:	74349
Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.6	90.8
98	50.7	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#40

Benzene

Concen: 19.508 ug/l

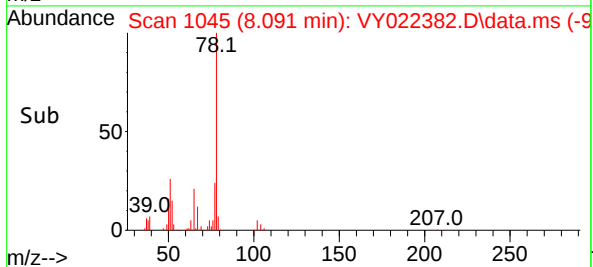
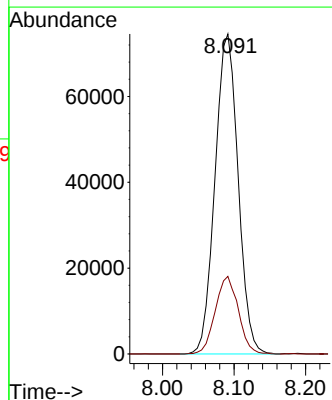
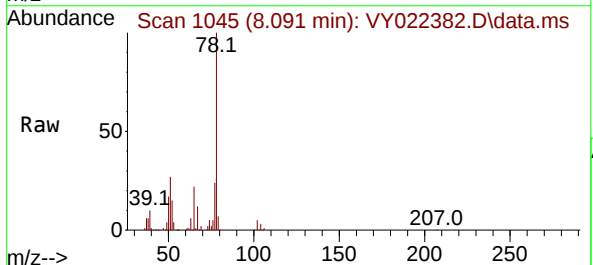
RT: 8.091 min Scan# 1045

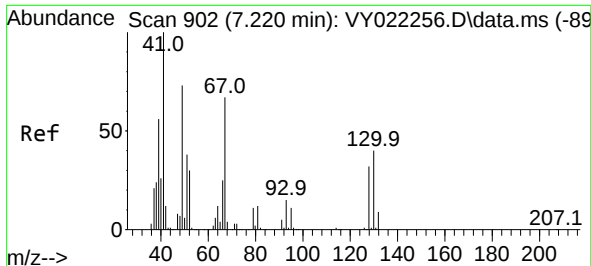
Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

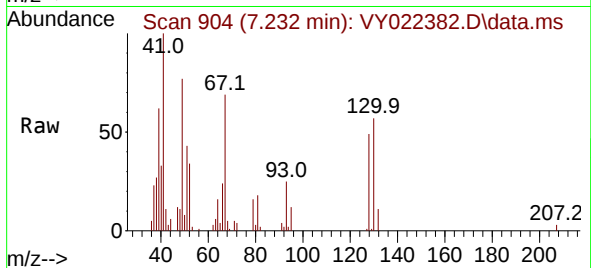
Tgt Ion:	78	Resp:	167114
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3





#41
Methacrylonitrile
Concen: 15.333 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

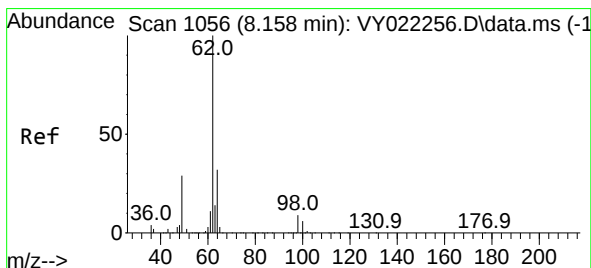
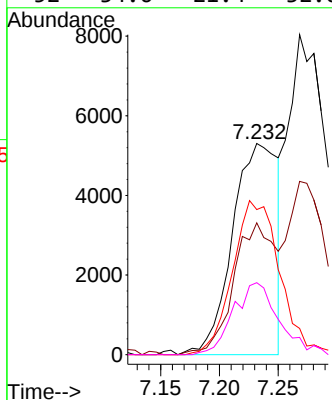
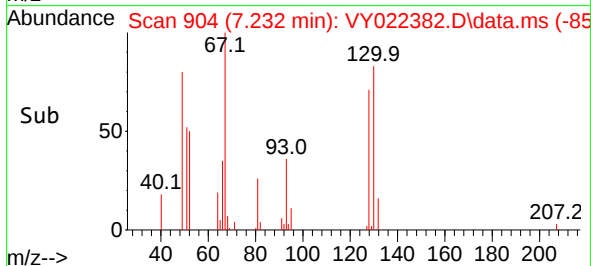
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



Tgt Ion: 41 Resp: 1414
Ion Ratio Lower Upper
41 100
39 57.8 39.1 58.7
67 76.4 47.1 70.7
52 34.6 21.4 32.0#

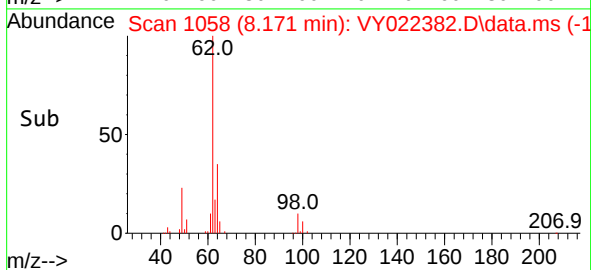
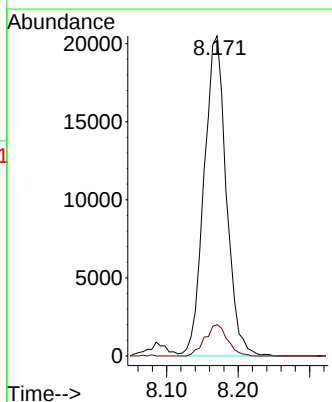
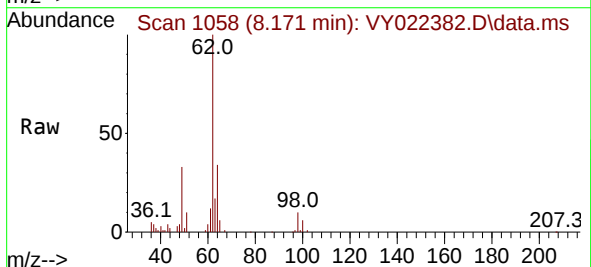
Manual Integrations
APPROVED

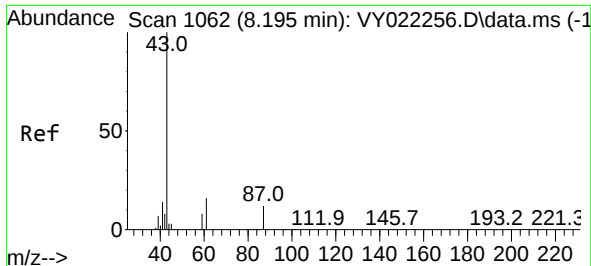
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#42
1,2-Dichloroethane
Concen: 19.081 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Tgt Ion: 62 Resp: 44204
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 17.427 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 43 Resp: 5284

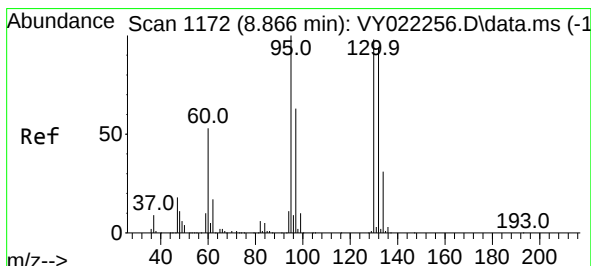
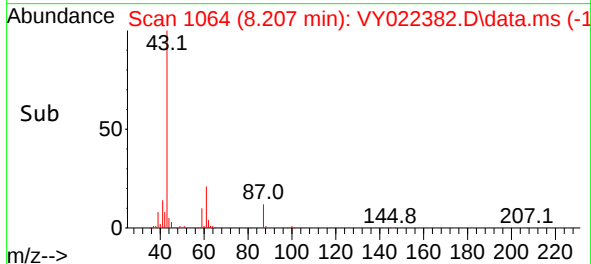
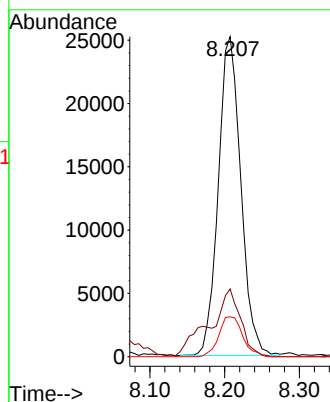
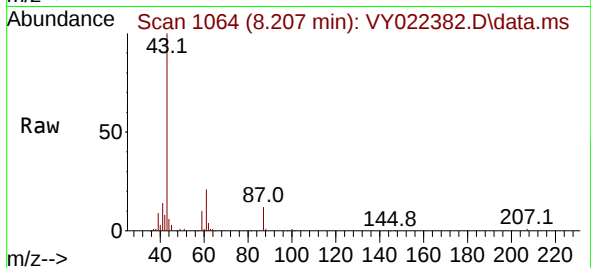
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.1	22.7
87	13.2	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#44

Trichloroethene

Concen: 20.109 ug/l

RT: 8.872 min Scan# 1173

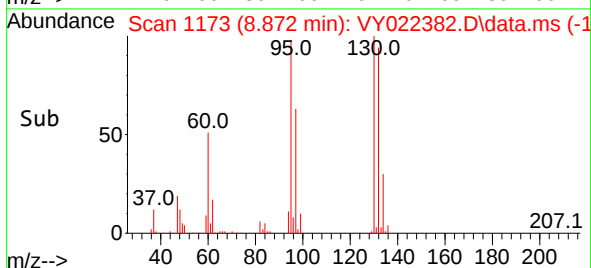
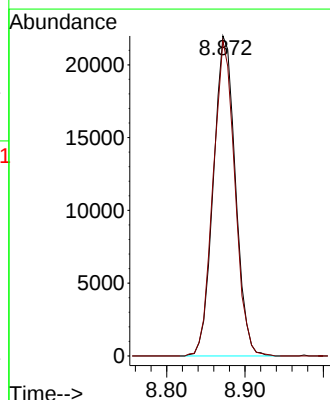
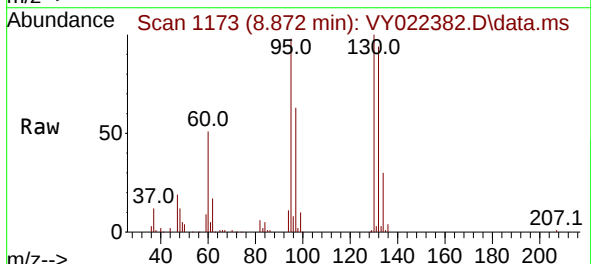
Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion:130 Resp: 42833

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	204.8





#45

1,2-Dichloropropane

Concen: 19.081 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 63 Resp: 39408

Ion Ratio Lower Upper

63 100

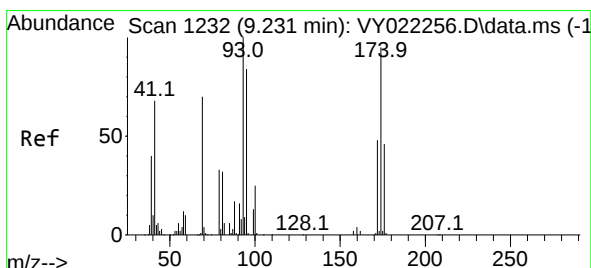
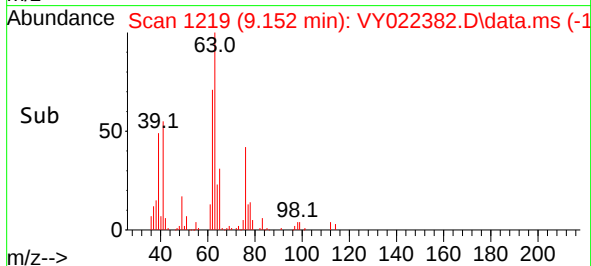
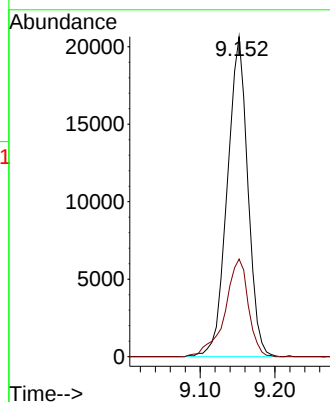
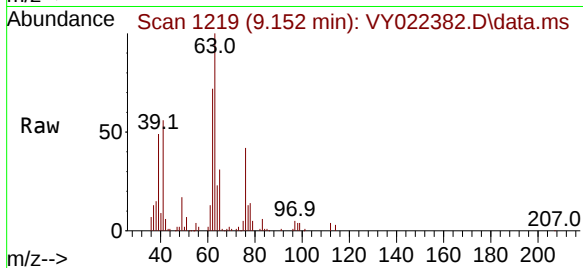
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 19.905 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

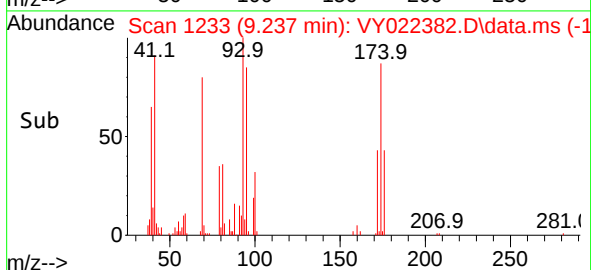
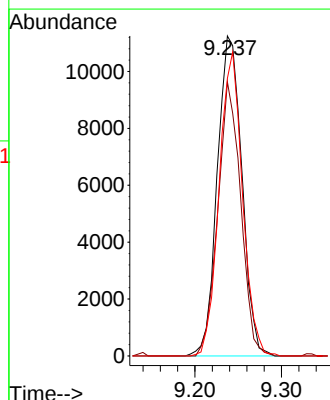
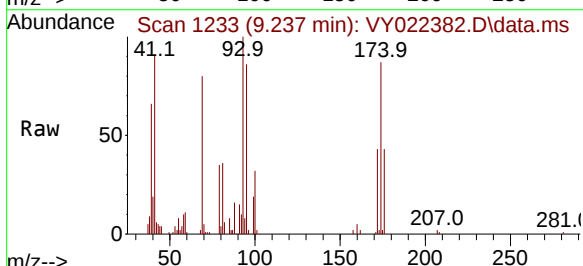
Tgt Ion: 93 Resp: 22173

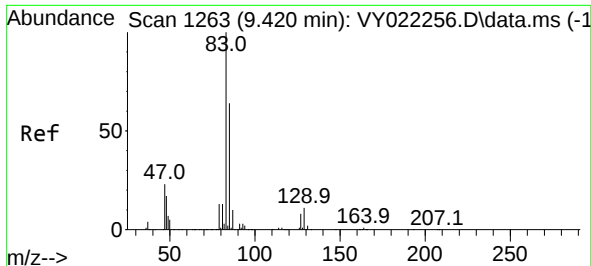
Ion Ratio Lower Upper

93 100

95 79.5 65.2 97.8

174 90.2 74.3 111.5





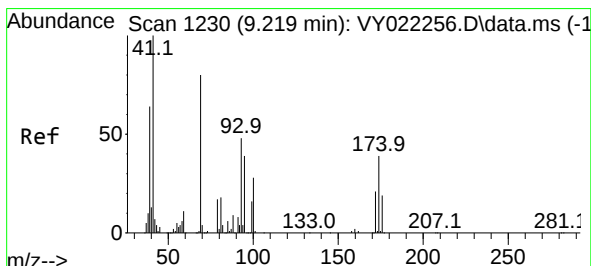
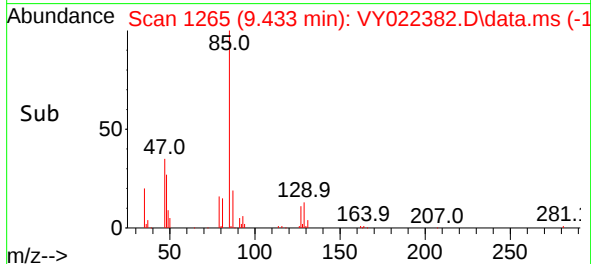
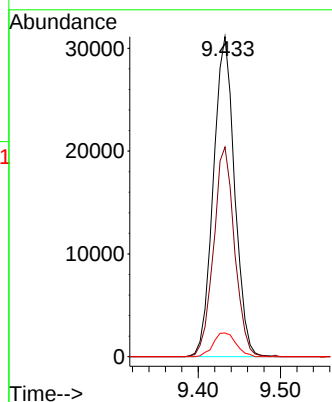
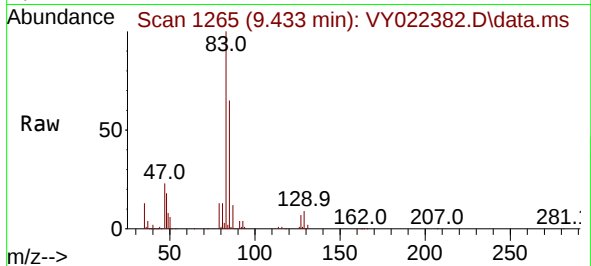
#47
Bromodichloromethane
Concen: 19.317 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion: 83 Resp: 55829
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 7.4 6.6 10.0

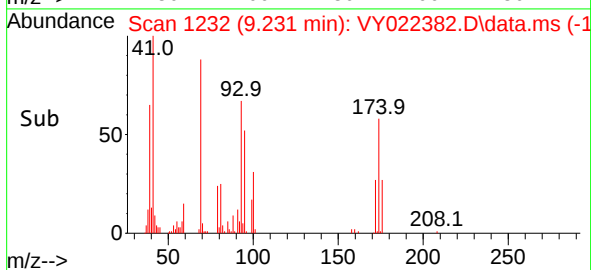
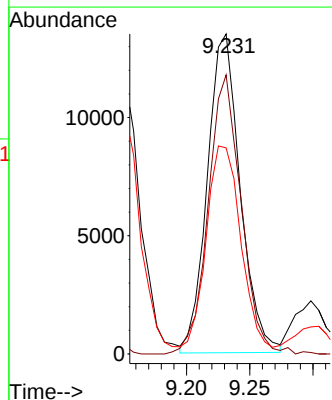
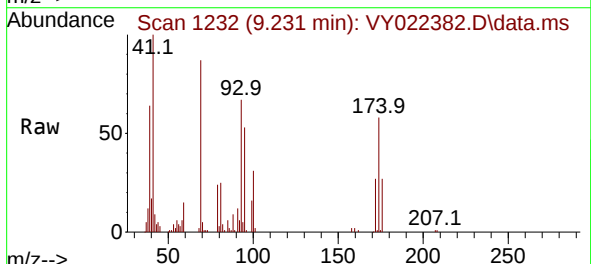
Manual Integrations
APPROVED

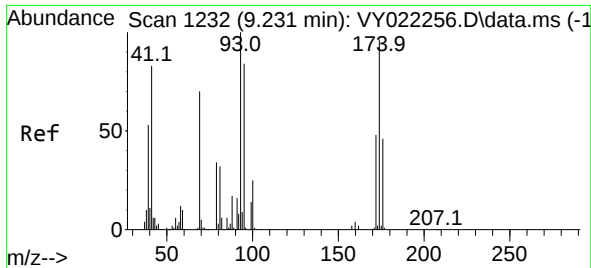
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#48
Methyl methacrylate
Concen: 17.203 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

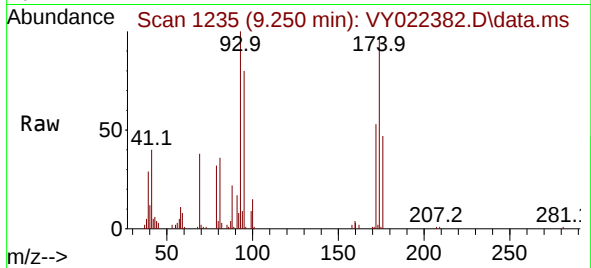
Tgt Ion: 41 Resp: 24395
Ion Ratio Lower Upper
41 100
69 87.5 63.5 95.3
39 65.3 50.8 76.2





#49
1,4-Dioxane
Concen: 398.826 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.018 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

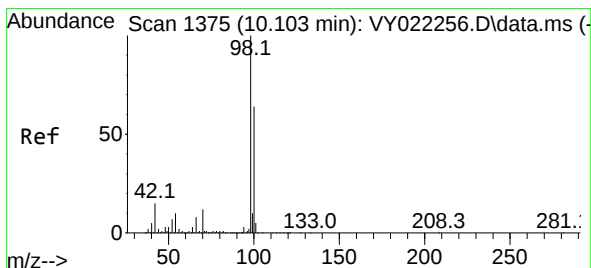
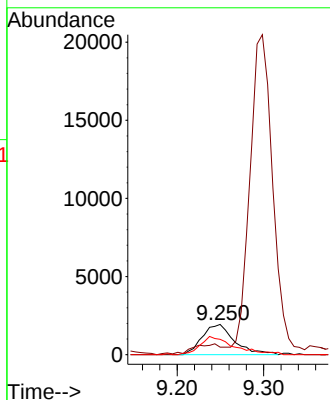
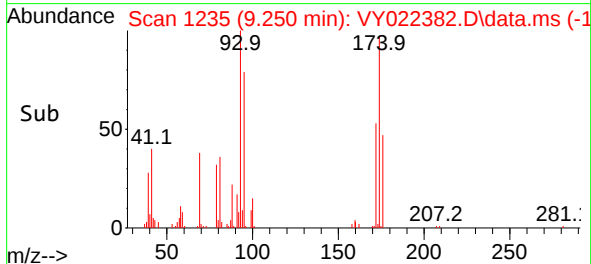
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



Tgt Ion: 88 Resp: 5019
Ion Ratio Lower Upper
88 100
43 34.2 28.5 42.7
58 63.8 61.4 92.2

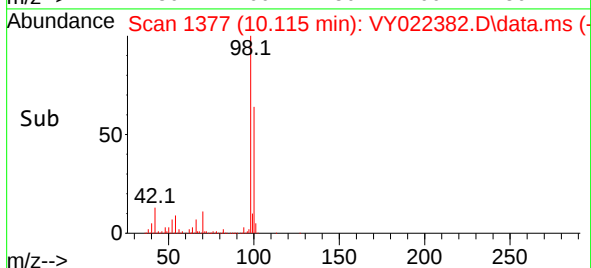
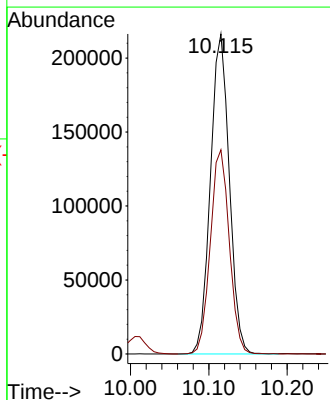
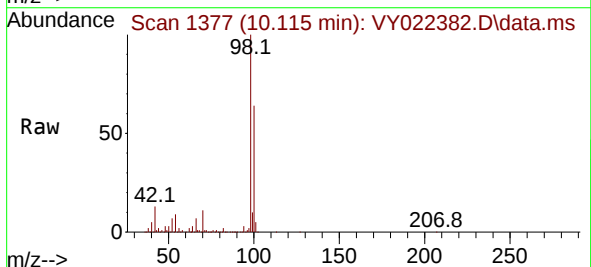
Manual Integrations
APPROVED

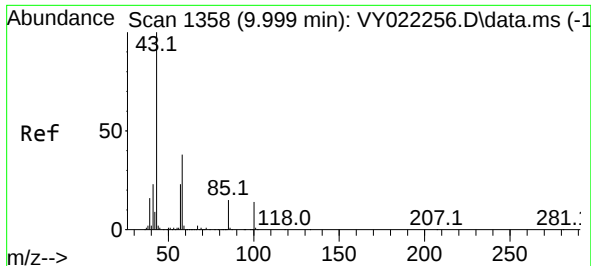
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 50.334 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

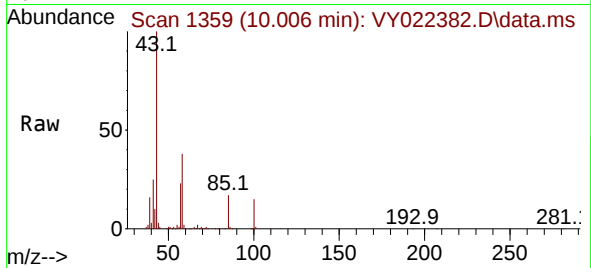
Tgt Ion: 98 Resp: 361670
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 88.920 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

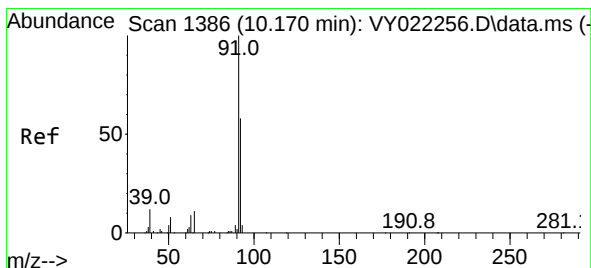
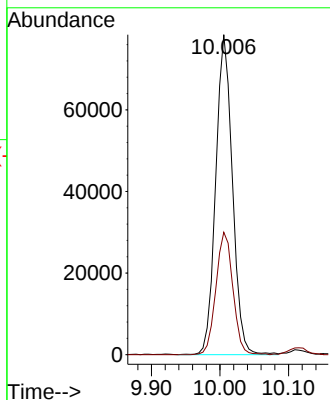
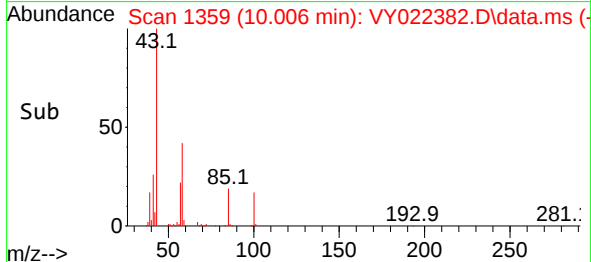
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



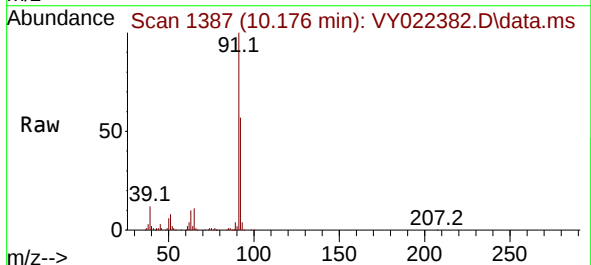
Tgt Ion: 43 Resp: 132300
Ion Ratio Lower Upper
43 100
58 38.9 29.4 44.2

Manual Integrations
APPROVED

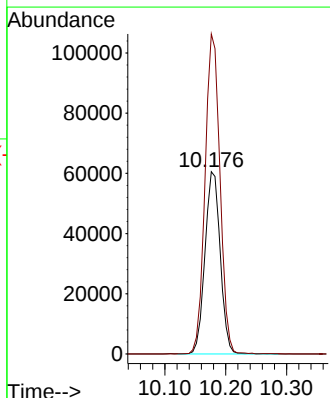
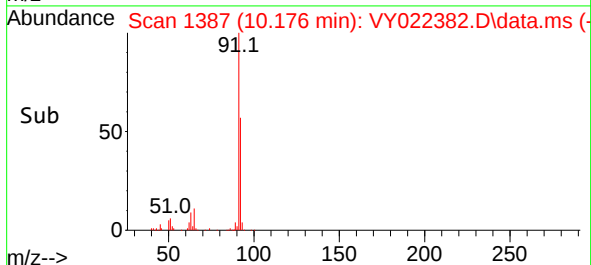
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

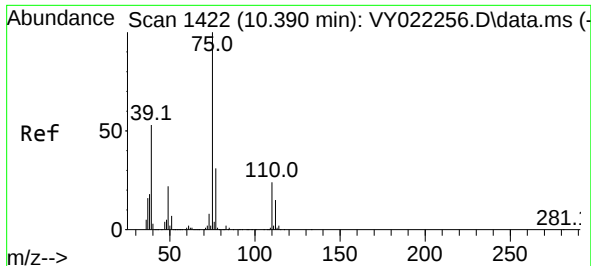


#52
Toluene
Concen: 19.443 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



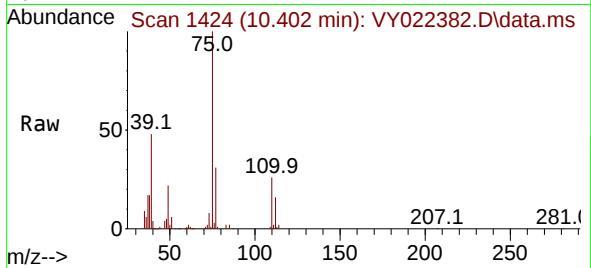
Tgt Ion: 92 Resp: 105474
Ion Ratio Lower Upper
92 100
91 171.8 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 18.540 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

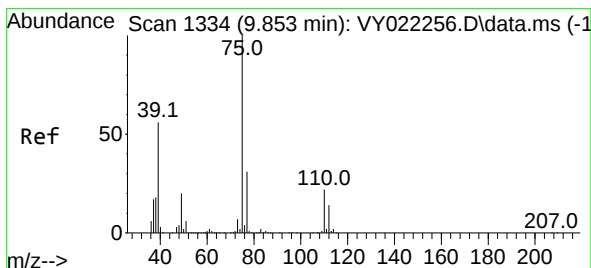
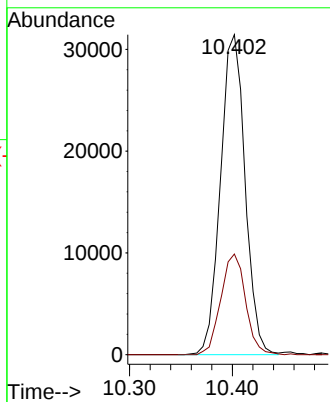
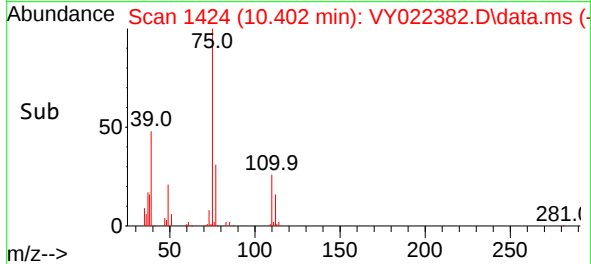
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



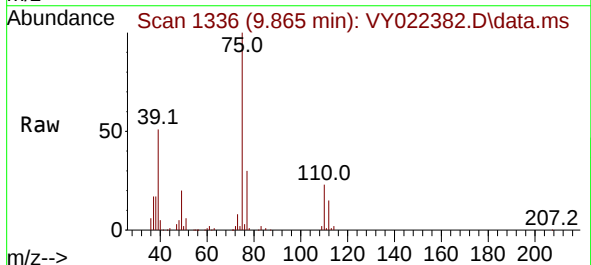
Tgt Ion: 75 Resp: 52289
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

Manual Integrations
APPROVED

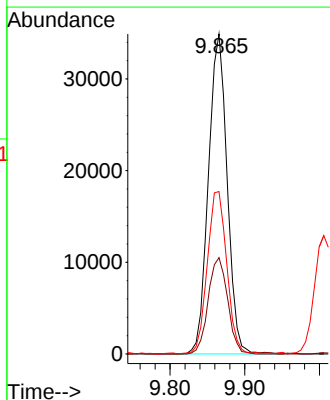
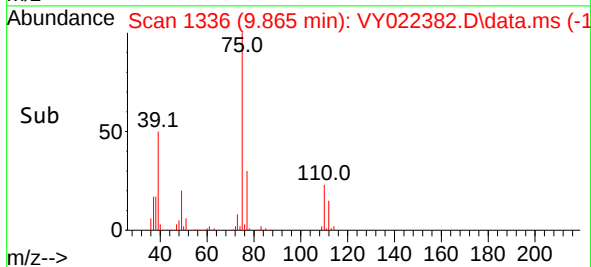
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

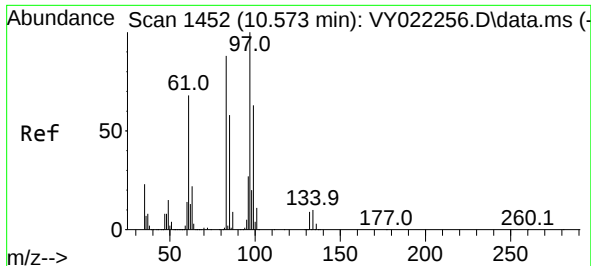


#54
cis-1,3-Dichloropropene
Concen: 18.806 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion: 75 Resp: 60767
Ion Ratio Lower Upper
75 100
77 30.1 25.1 37.7
39 50.7 44.5 66.7





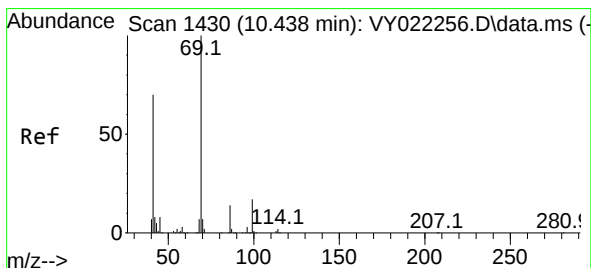
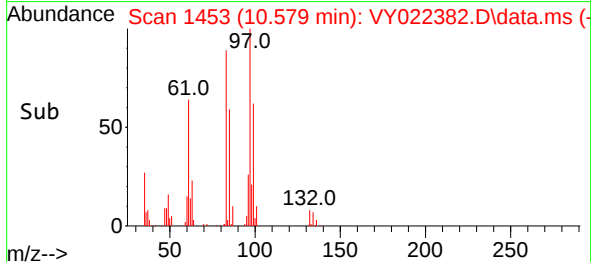
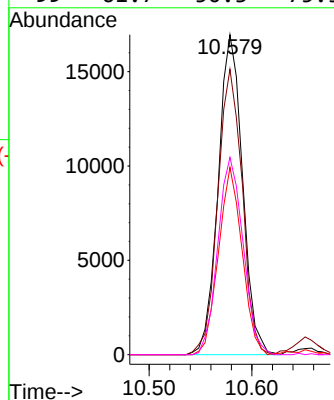
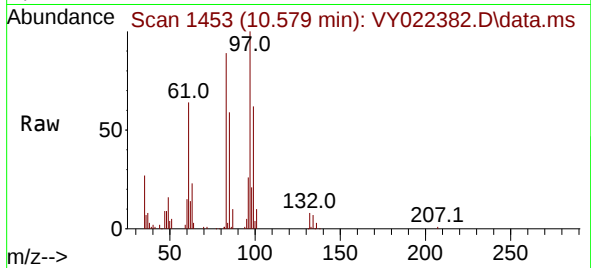
#55
1,1,2-Trichloroethane
Concen: 19.566 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion: 97 Resp: 27910
Ion Ratio Lower Upper
97 100
83 89.2 70.3 105.5
85 58.6 46.2 69.4
99 61.7 50.3 75.5

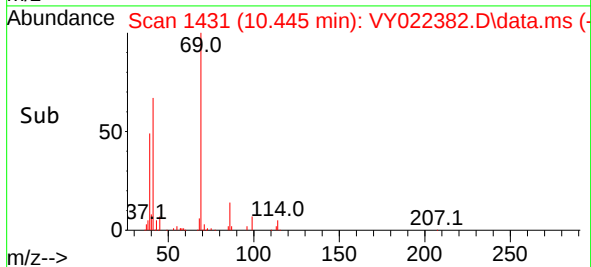
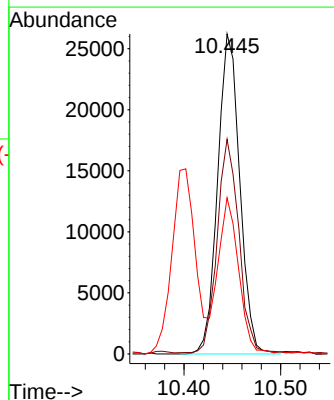
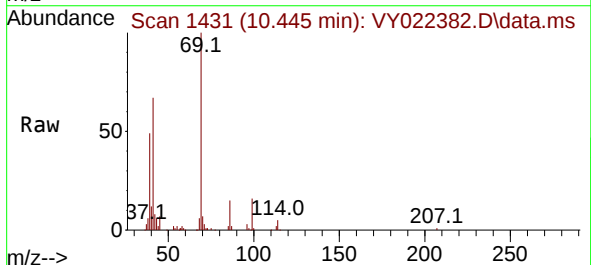
Manual Integrations
APPROVED

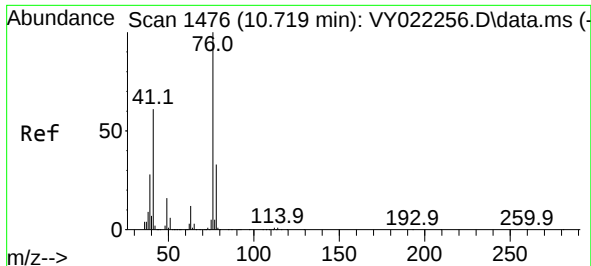
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#56
Ethyl methacrylate
Concen: 18.718 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Tgt Ion: 69 Resp: 41592
Ion Ratio Lower Upper
69 100
41 65.1 56.5 84.7
39 44.1 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.091 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 76 Resp: 5092

Ion Ratio Lower Upper

76 100

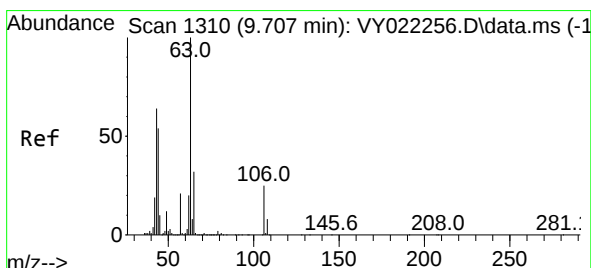
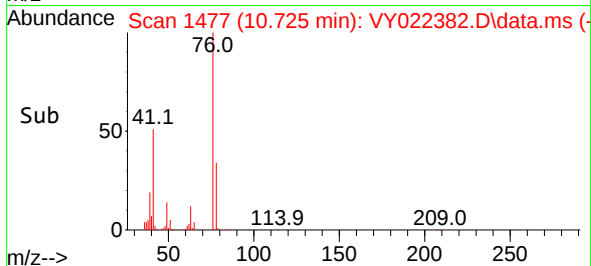
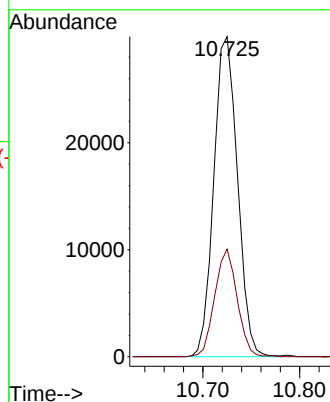
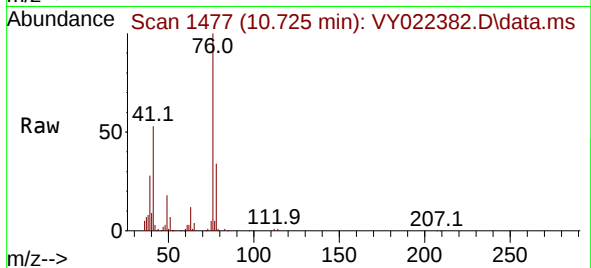
78 31.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 80.750 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022382.D

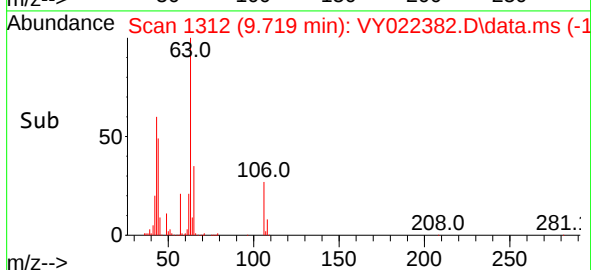
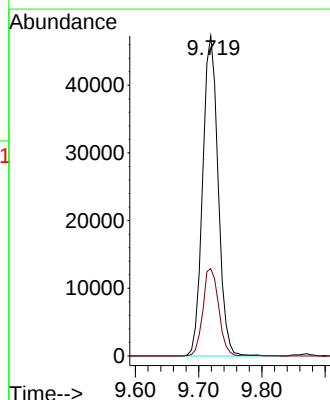
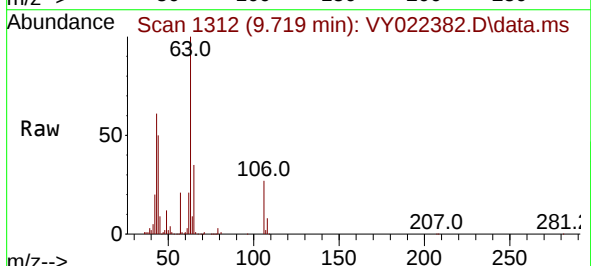
Acq: 22 May 2025 09:36

Tgt Ion: 63 Resp: 80535

Ion Ratio Lower Upper

63 100

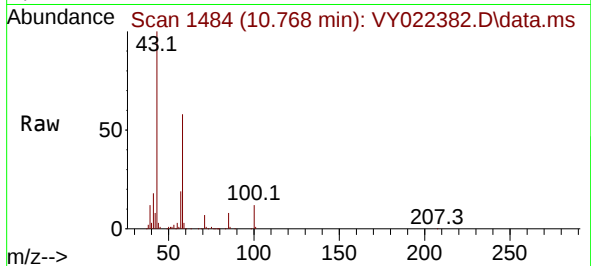
106 27.9 21.0 31.4





#59
2-Hexanone
Concen: 89.478 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

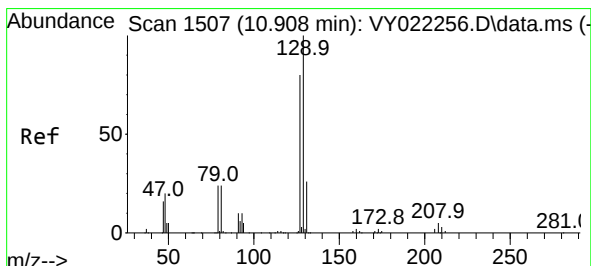
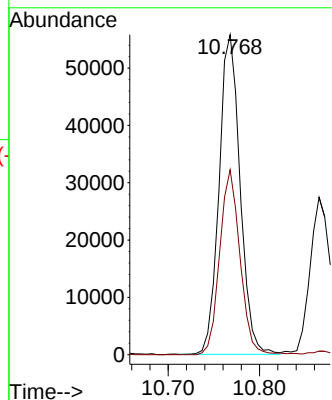
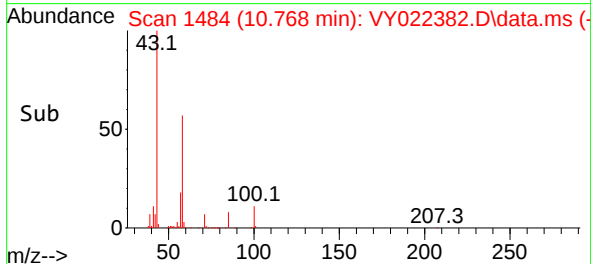
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



Tgt Ion: 43 Resp: 8926
Ion Ratio Lower Upper
43 100
58 55.9 26.1 78.3

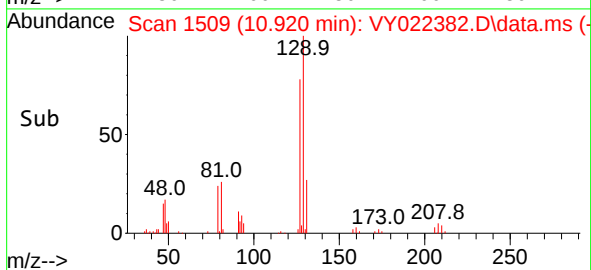
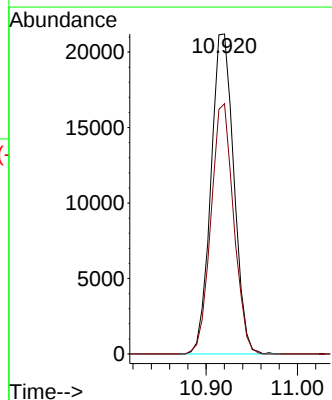
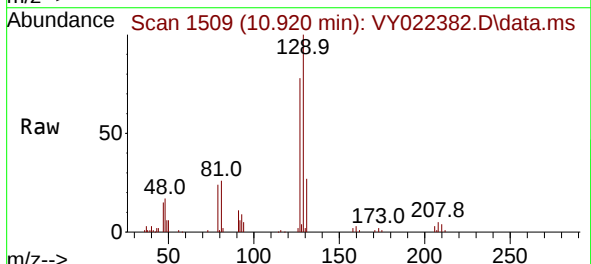
Manual Integrations
APPROVED

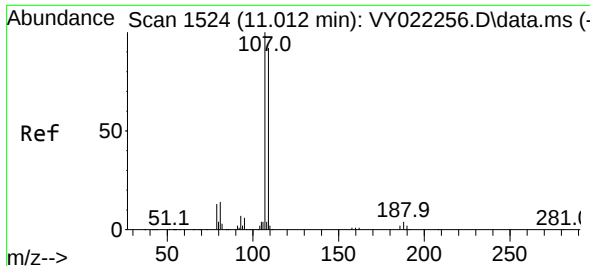
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 19.947 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

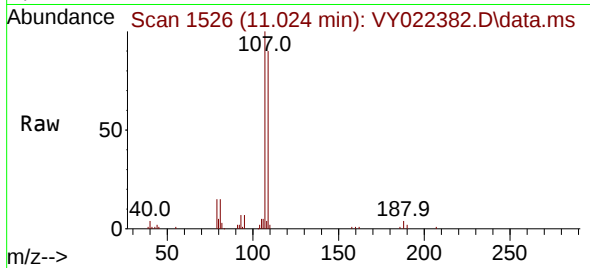
Tgt Ion:129 Resp: 36931
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.596 ug/l
RT: 11.024 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

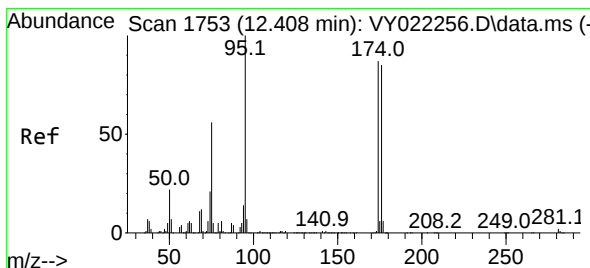
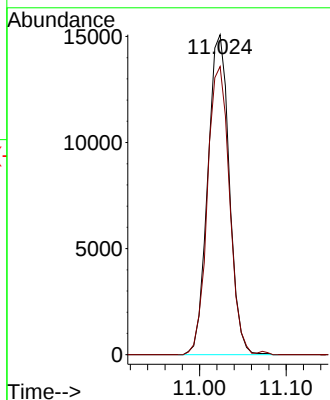
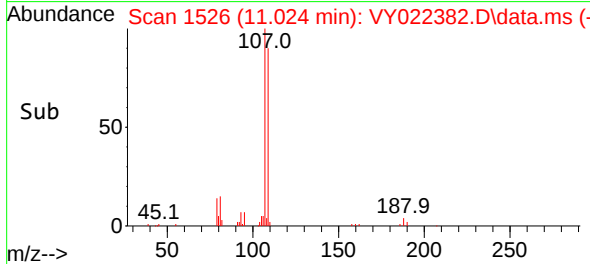
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



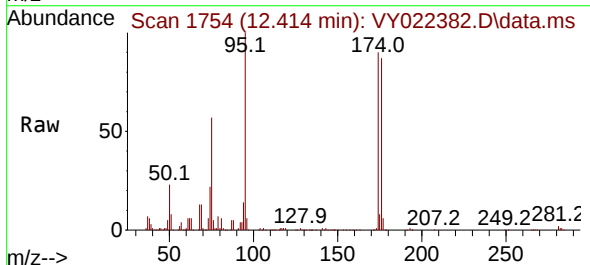
Tgt Ion: 107 Resp: 2605
Ion Ratio Lower Upper
107 100
109 92.2 74.6 111.8

Manual Integrations
APPROVED

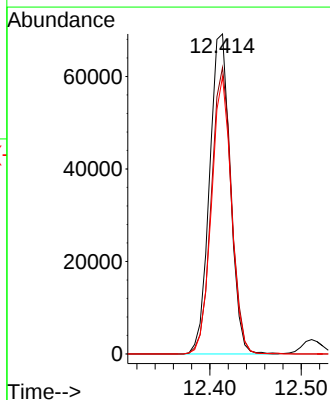
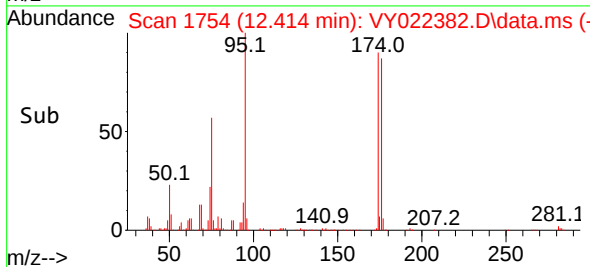
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

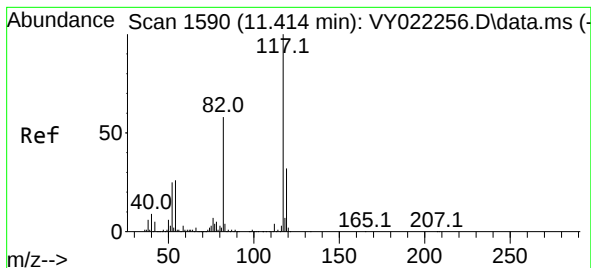


#62
4-Bromofluorobenzene
Concen: 47.724 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



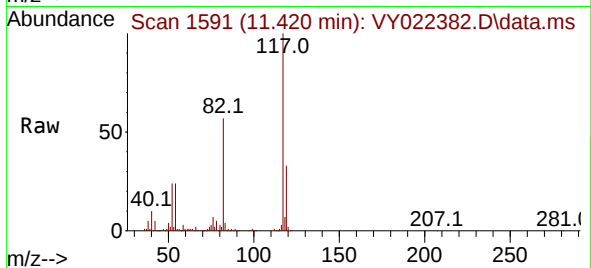
Tgt Ion: 95 Resp: 108691
Ion Ratio Lower Upper
95 100
174 87.4 0.0 166.8
176 83.4 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

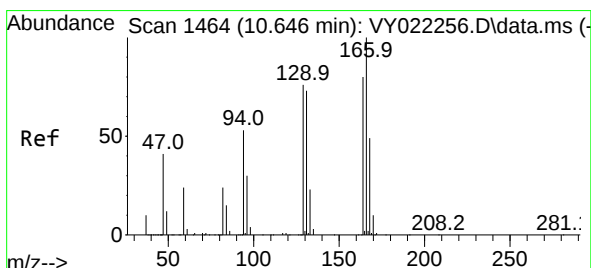
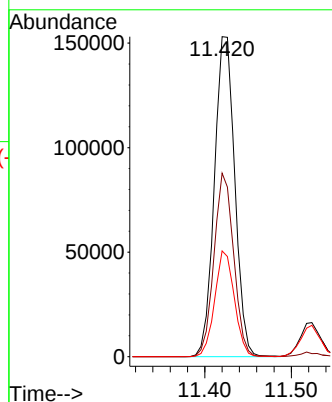
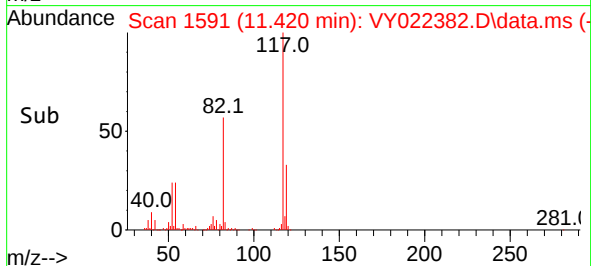
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



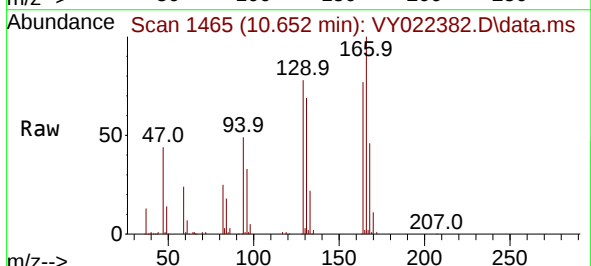
Tgt Ion:117 Resp: 25084
Ion Ratio Lower Upper
117 100
82 57.3 46.6 70.0
119 33.0 25.8 38.6

Manual Integrations
APPROVED

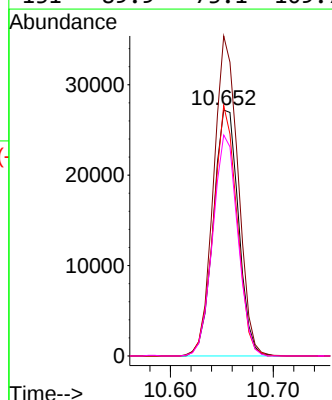
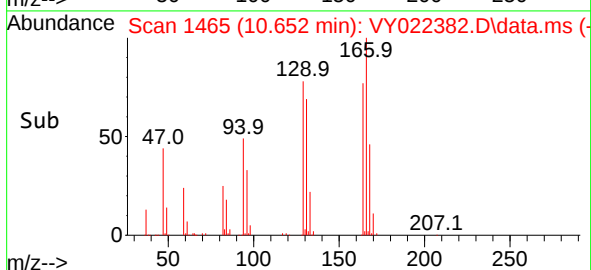
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

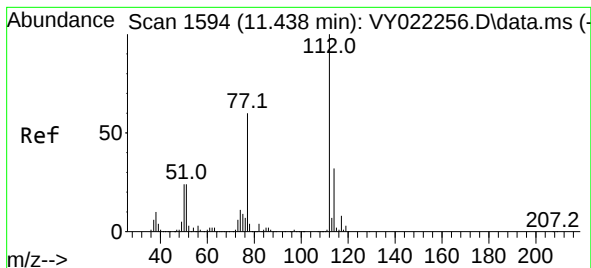


#64
Tetrachloroethene
Concen: 19.928 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion:164 Resp: 46204
Ion Ratio Lower Upper
164 100
166 130.1 100.4 150.6
129 101.8 76.4 114.6
131 89.9 73.1 109.7





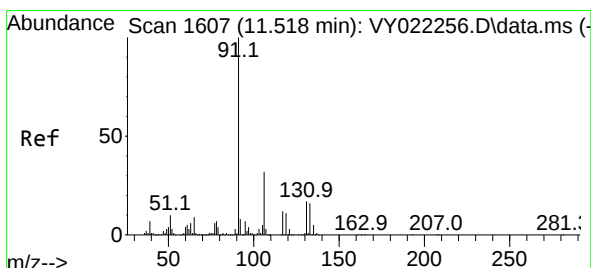
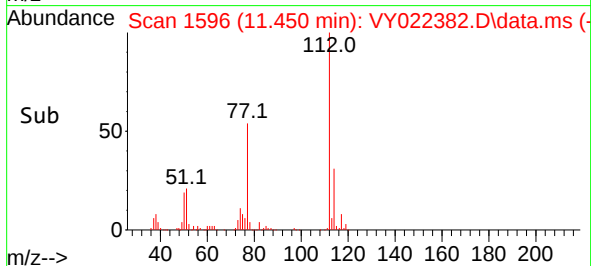
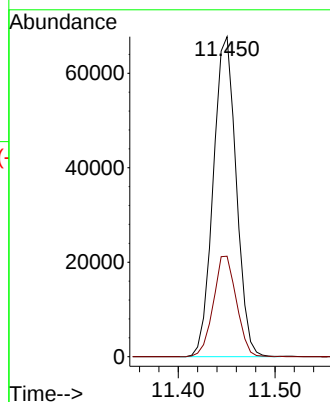
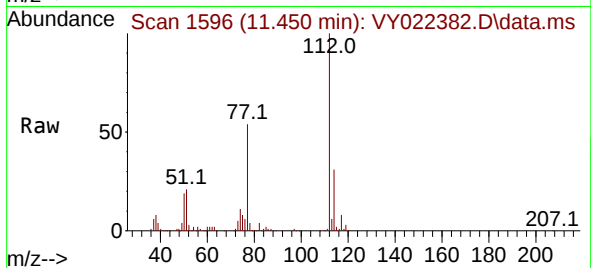
#65
Chlorobenzene
Concen: 19.735 ug/l
RT: 11.450 min Scan# 11168
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion:112 Resp: 11168
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

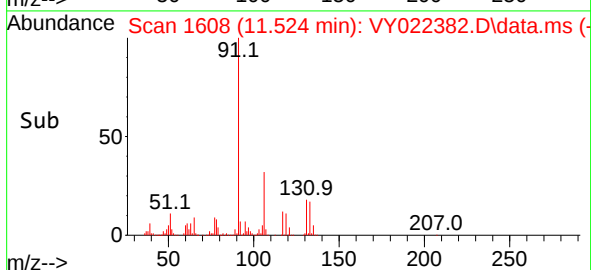
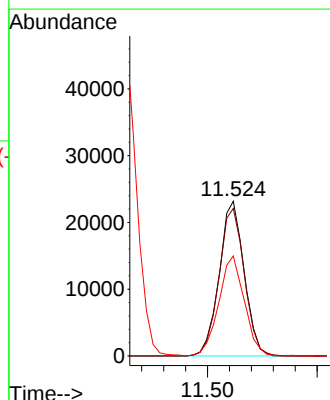
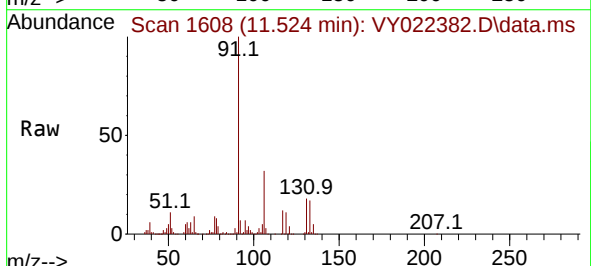
Manual Integrations
APPROVED

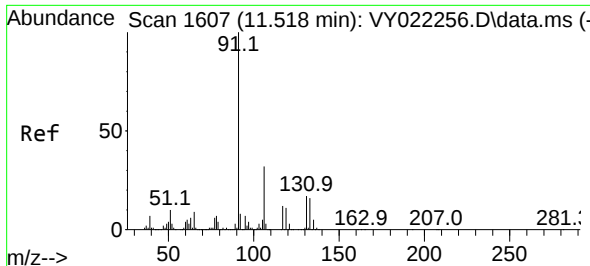
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.757 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

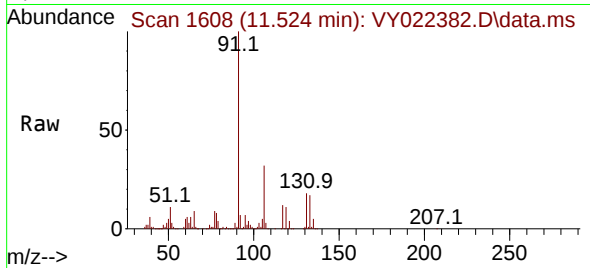
Tgt Ion:131 Resp: 36492
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 66.5 33.1 99.2





#67
Ethyl Benzene
Concen: 18.720 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

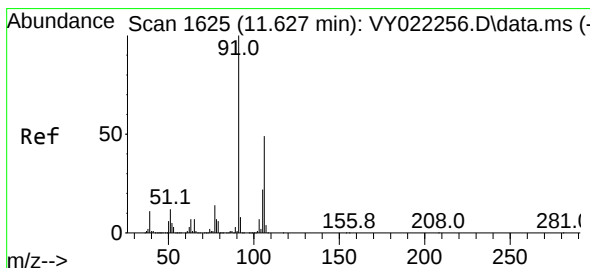
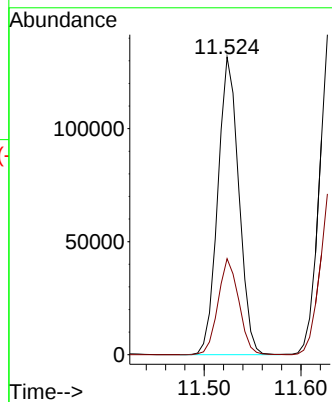
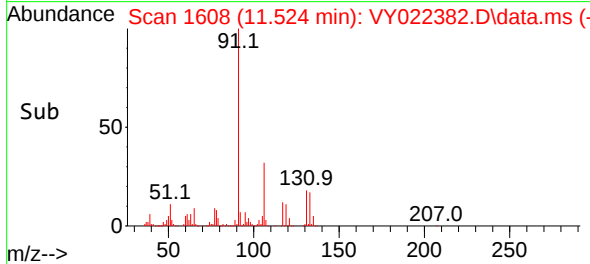
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



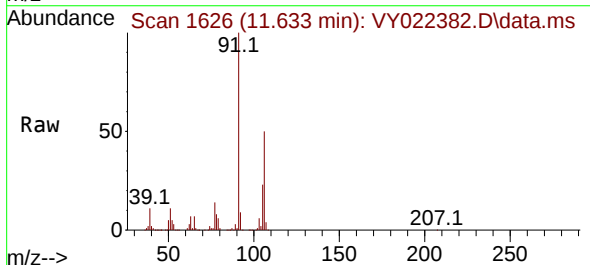
Tgt Ion: 91 Resp: 19841
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

Manual Integrations
APPROVED

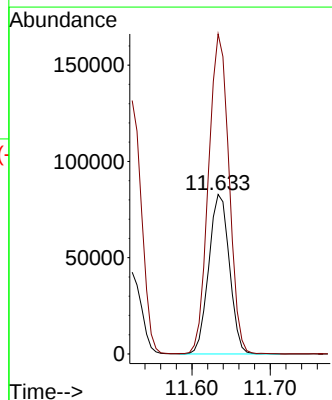
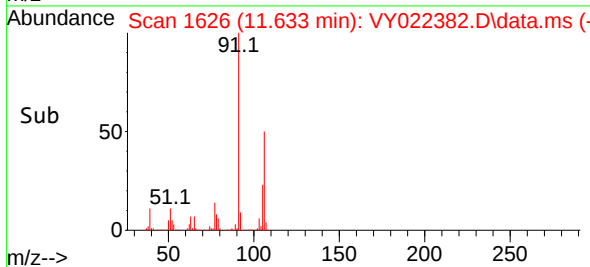
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

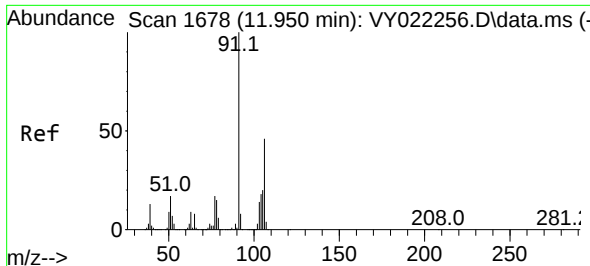


#68
m/p-Xylenes
Concen: 37.987 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion:106 Resp: 151710
Ion Ratio Lower Upper
106 100
91 199.2 163.0 244.4





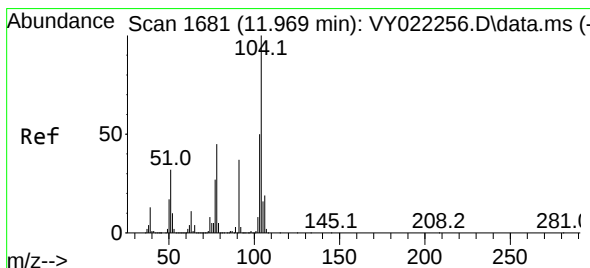
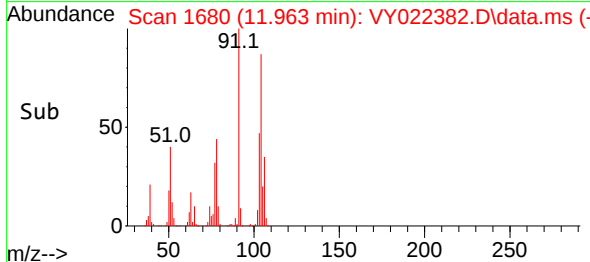
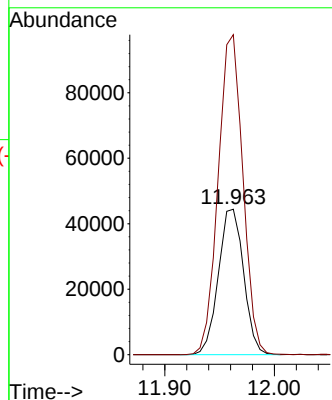
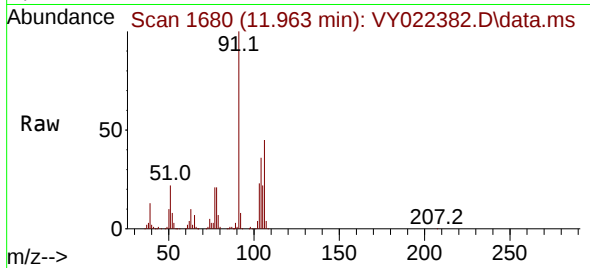
#69
o-Xylene
Concen: 18.827 ug/l
RT: 11.963 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion:106 Resp: 71140
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8

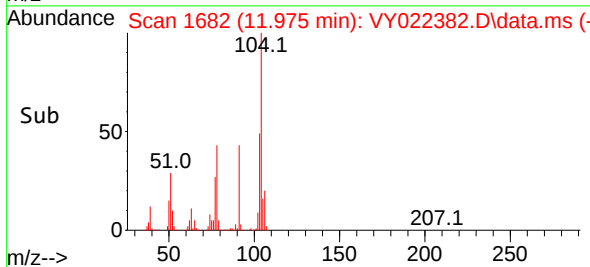
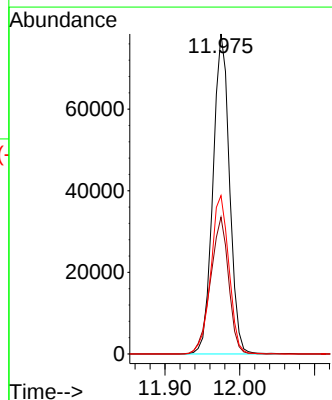
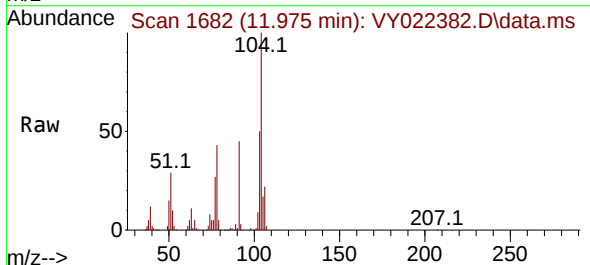
Manual Integrations
APPROVED

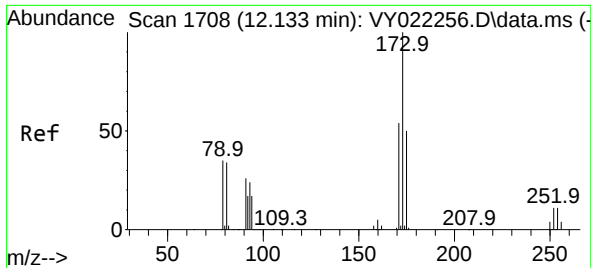
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 18.995 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

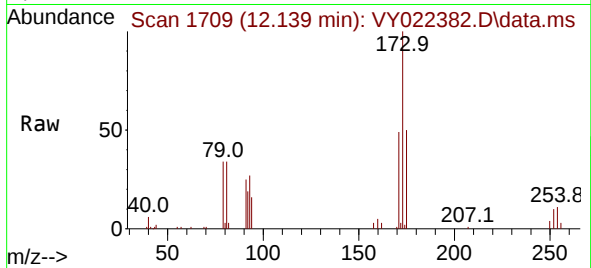
Tgt Ion:104 Resp: 121069
Ion Ratio Lower Upper
104 100
78 46.7 40.9 61.3
103 54.1 43.7 65.5





#71
Bromoform
Concen: 19.208 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

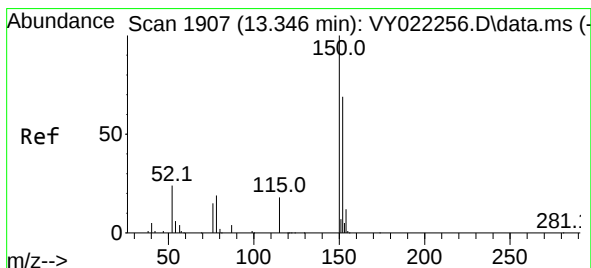
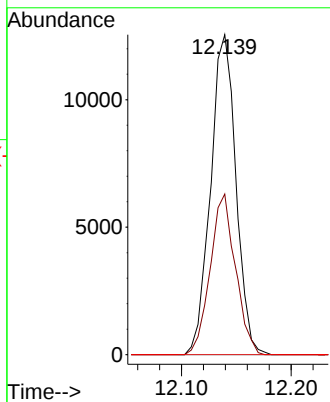
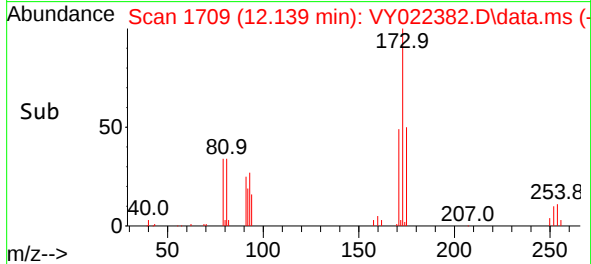
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



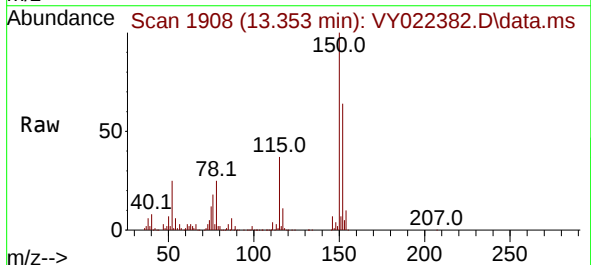
Tgt Ion:173 Resp: 2017
Ion Ratio Lower Upper
173 100
175 50.0 24.7 74.1
254 0.0 0.0 0.0

Manual Integrations
APPROVED

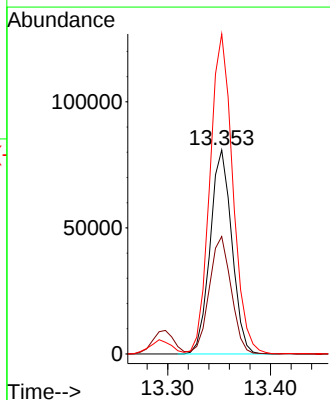
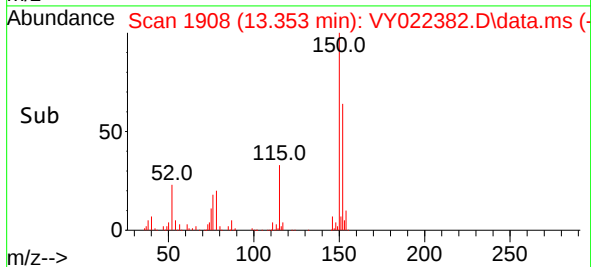
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

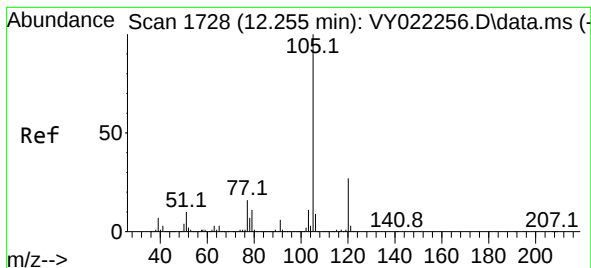


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion:152 Resp: 118480
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.2
150 165.6 0.0 353.8





#73

Isopropylbenzene

Concen: 19.302 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion:105 Resp: 18945

Ion Ratio Lower Upper

105 100

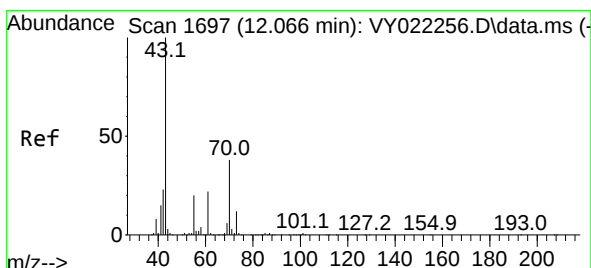
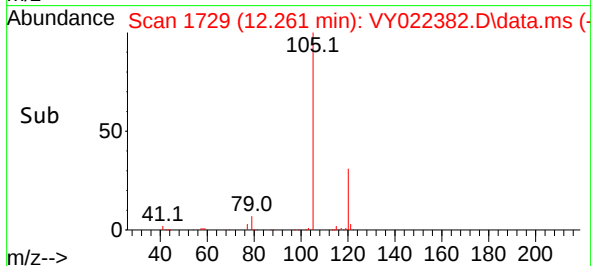
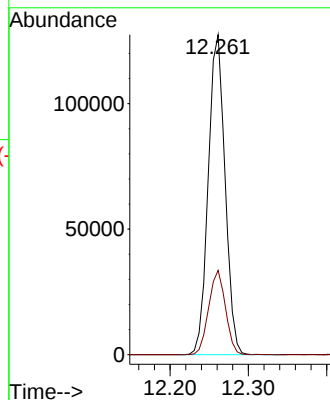
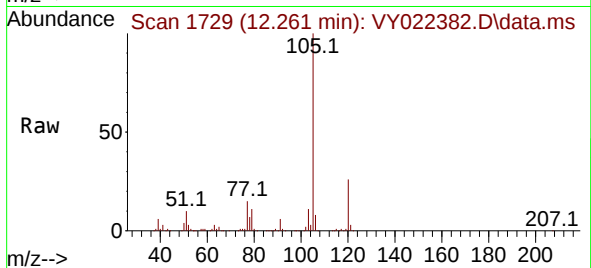
120 26.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#74

N-amy1 acetate

Concen: 17.019 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.012 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion: 43 Resp: 47777

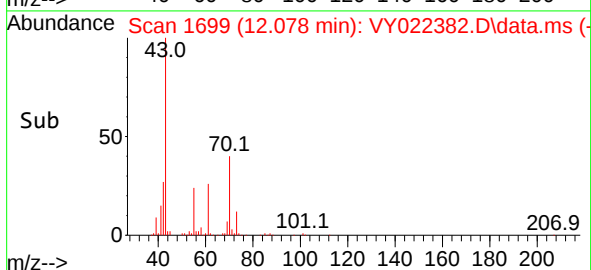
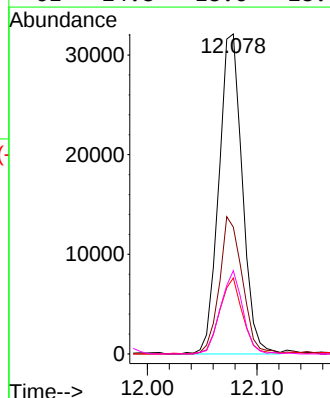
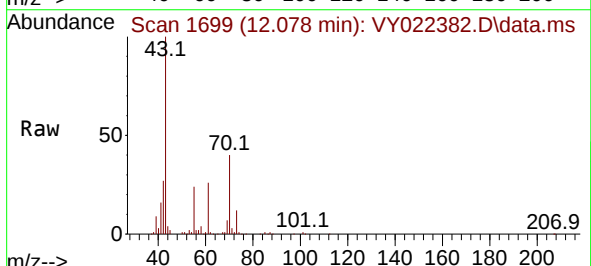
Ion Ratio Lower Upper

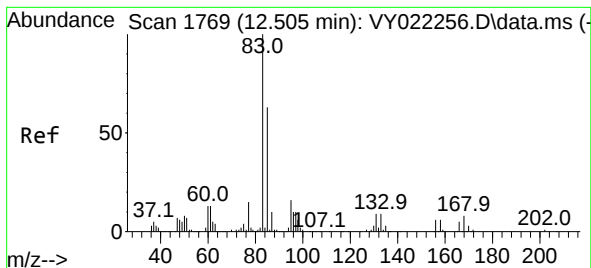
43 100

70 42.2 31.4 47.0

55 23.4 17.0 25.6

61 24.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.845 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

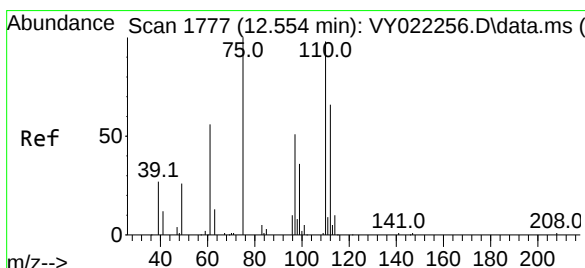
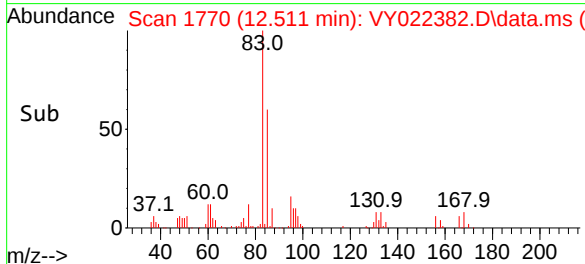
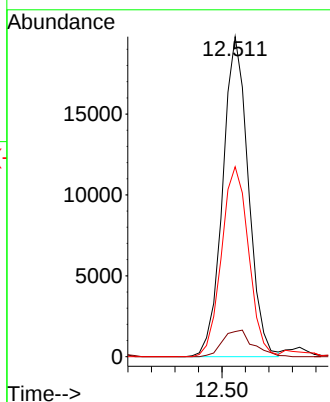
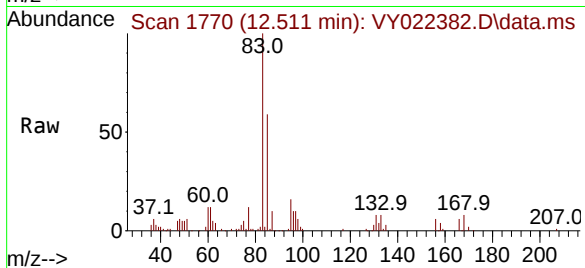
Tgt Ion: 83	Resp: 2995
Ion Ratio	Lower Upper
83 100	
131 9.8	4.9 14.7
85 62.6	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#76

1,2,3-Trichloropropane

Concen: 18.877 ug/l m

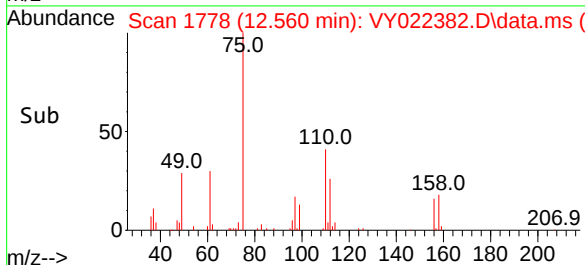
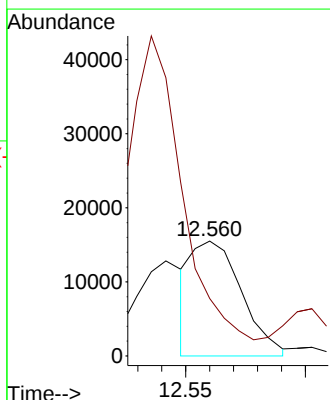
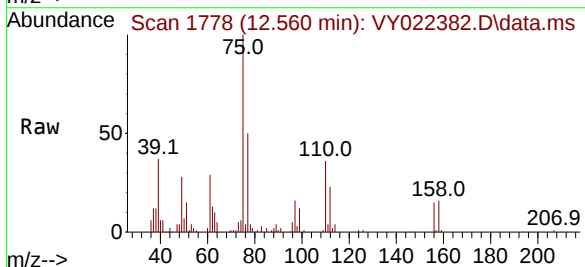
RT: 12.560 min Scan# 1778

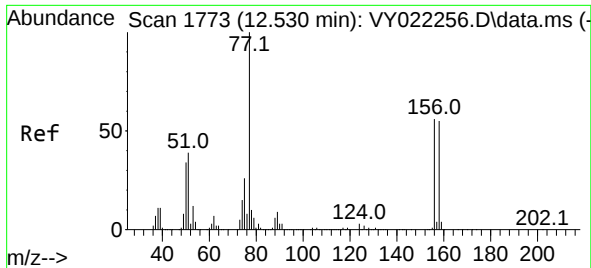
Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

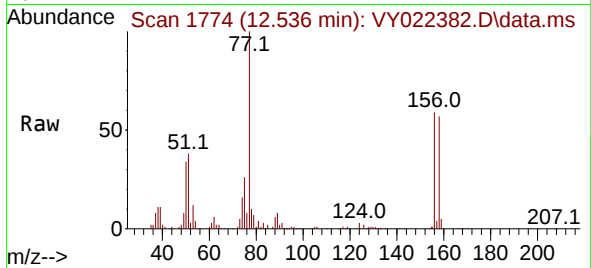
Tgt Ion: 75	Resp: 22658
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 18.881 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

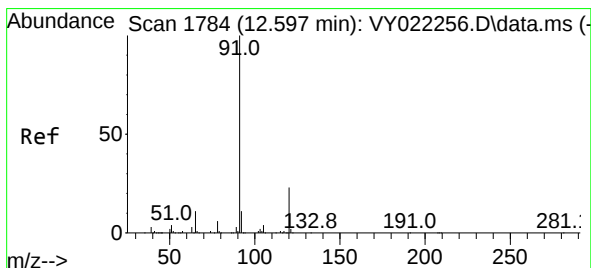
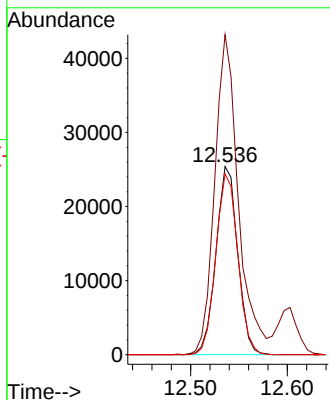
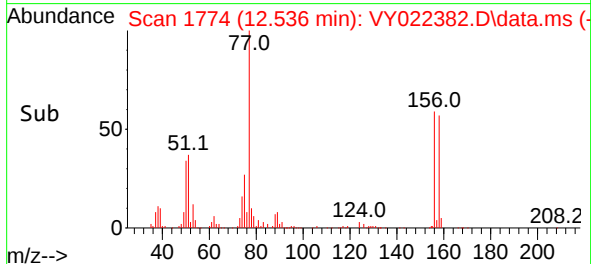
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



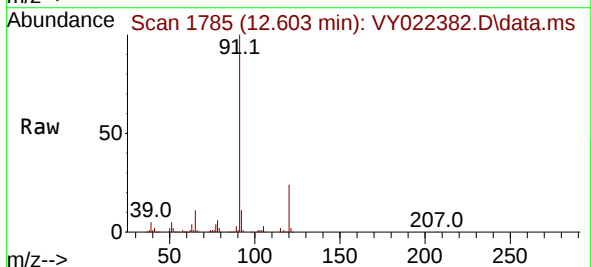
Tgt Ion:156 Resp: 3958
Ion Ratio Lower Upper
156 100
77 184.7 94.5 283.6
158 97.4 48.4 145.3

Manual Integrations
APPROVED

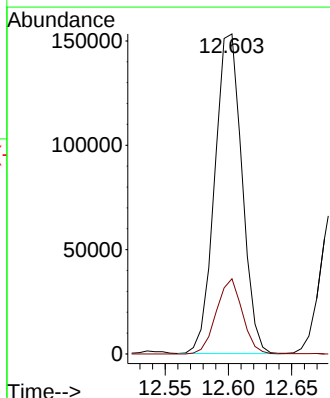
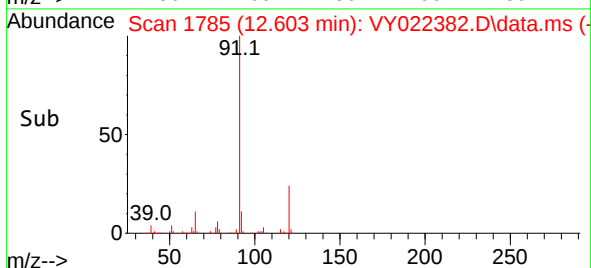
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

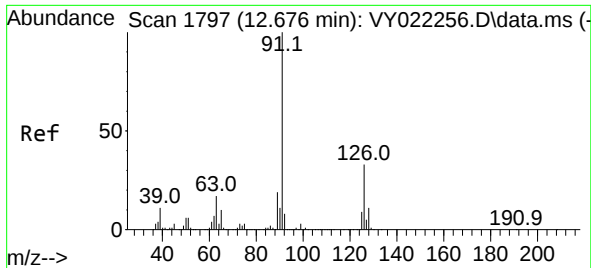


#78
n-propylbenzene
Concen: 19.375 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



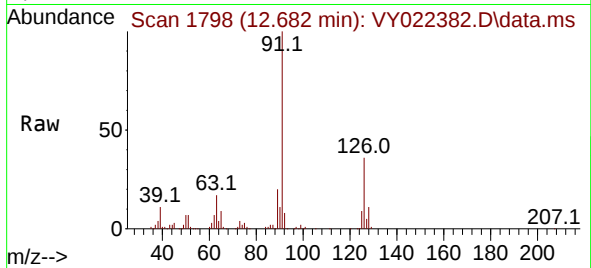
Tgt Ion: 91 Resp: 229385
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





#79
2-Chlorotoluene
Concen: 18.594 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

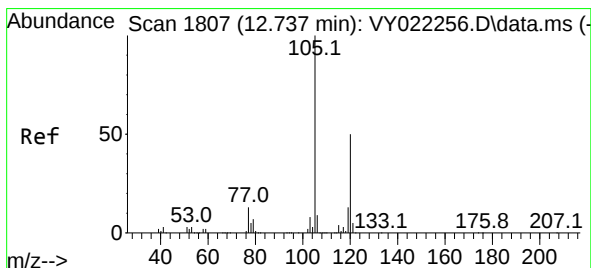
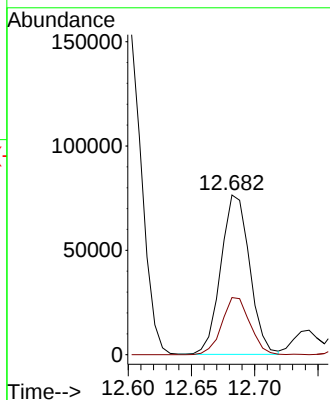
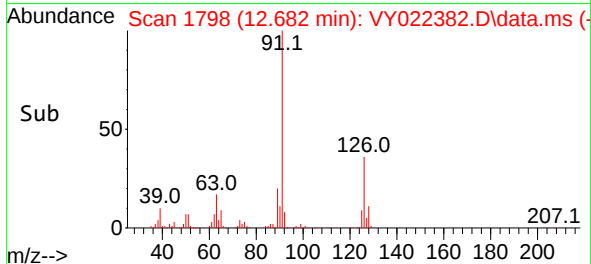
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



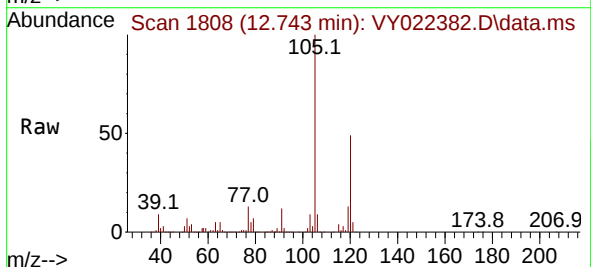
Tgt Ion: 91 Resp: 120979
Ion Ratio Lower Upper
91 100
126 35.0 16.8 50.4

Manual Integrations
APPROVED

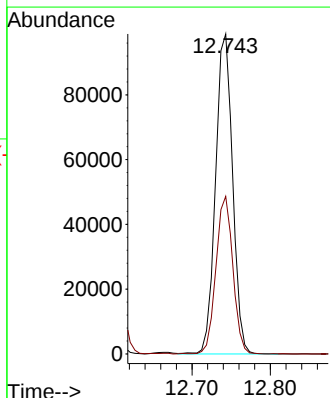
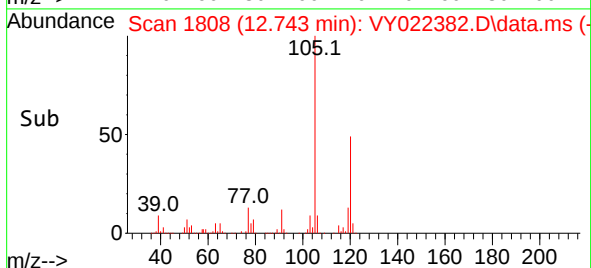
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

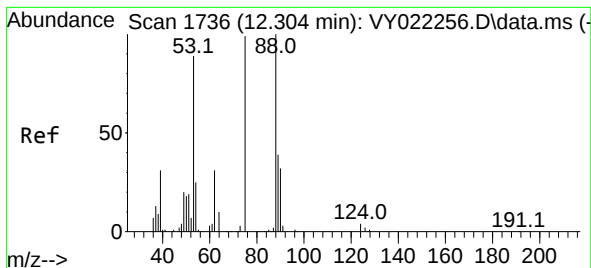


#80
1,3,5-Trimethylbenzene
Concen: 18.859 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion:105 Resp: 149426
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6





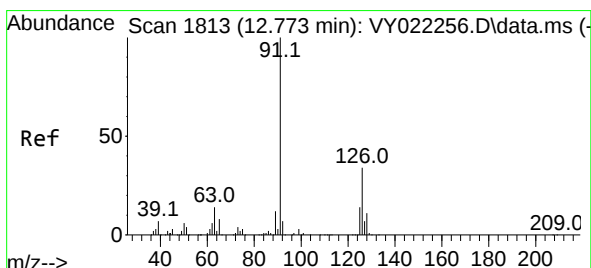
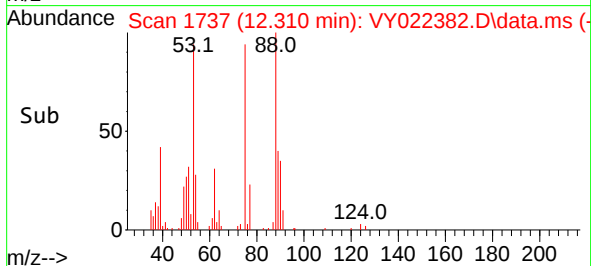
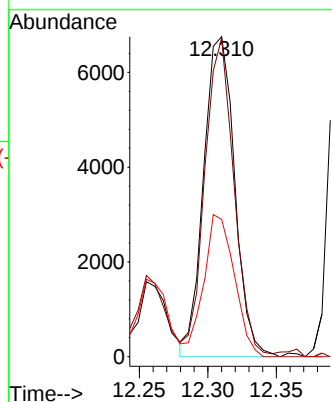
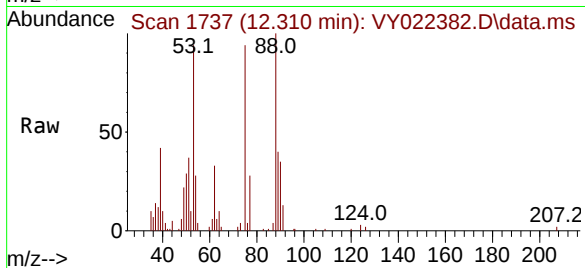
#81
trans-1,4-Dichloro-2-butene
Concen: 17.950 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion: 75 Resp: 10630
Ion Ratio Lower Upper
75 100
53 91.8 75.8 113.8
89 44.0 36.2 54.2

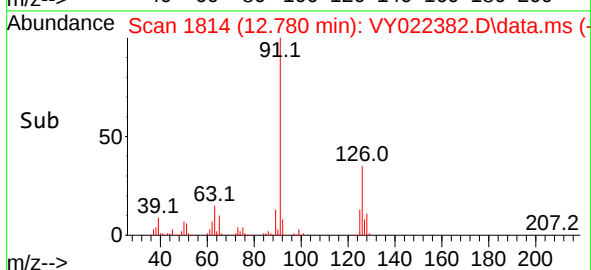
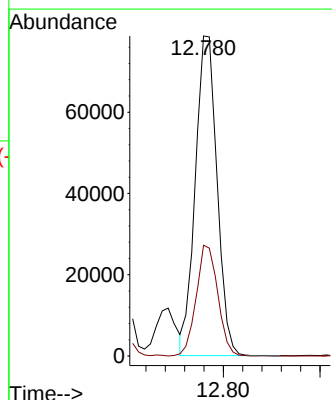
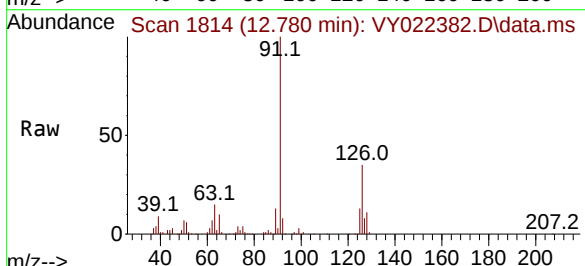
Manual Integrations
APPROVED

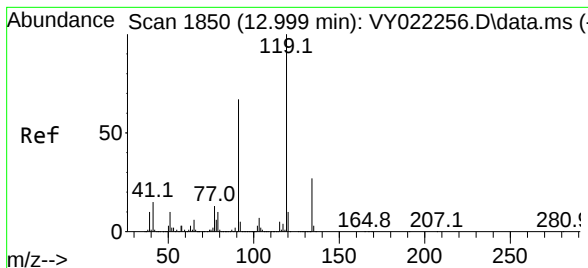
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 18.386 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

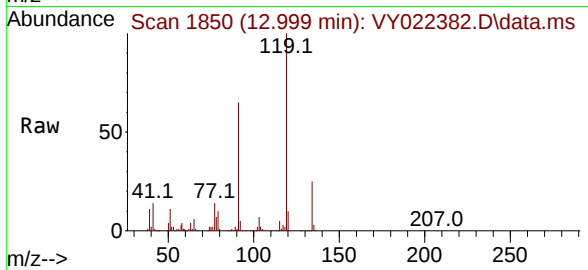
Tgt Ion: 91 Resp: 123043
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83
tert-Butylbenzene
Concen: 19.156 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

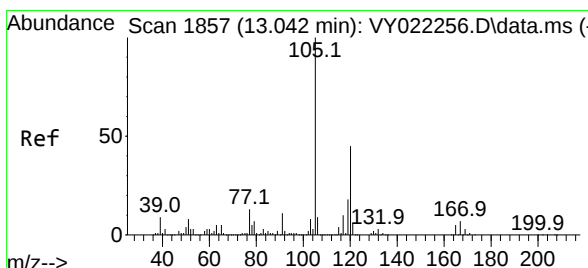
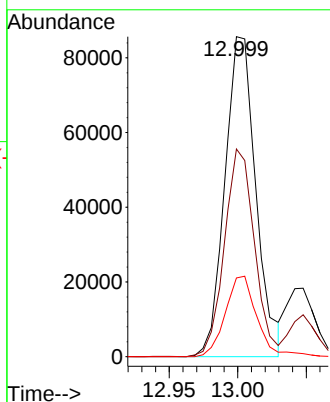
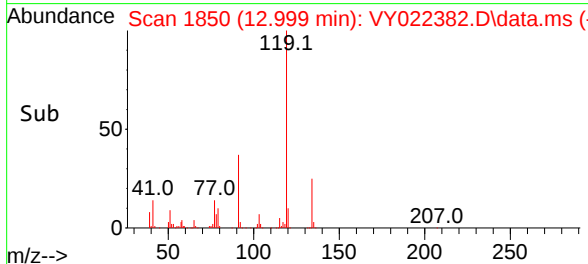
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



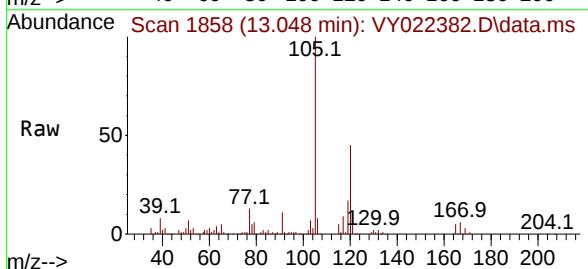
Tgt Ion:119 Resp: 134904
Ion Ratio Lower Upper
119 100
91 62.6 32.8 98.3
134 25.8 12.9 38.6

Manual Integrations
APPROVED

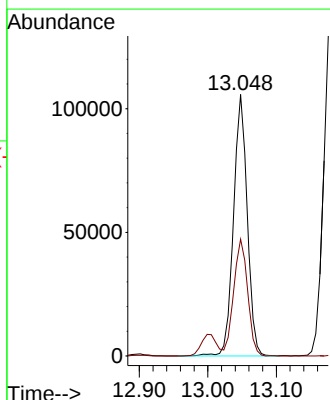
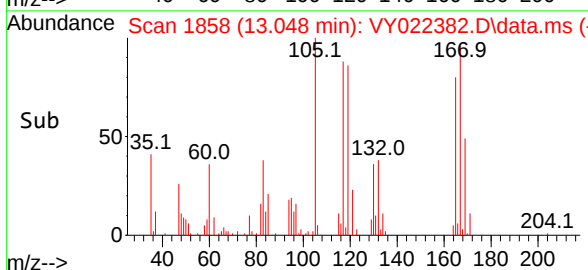
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.771 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



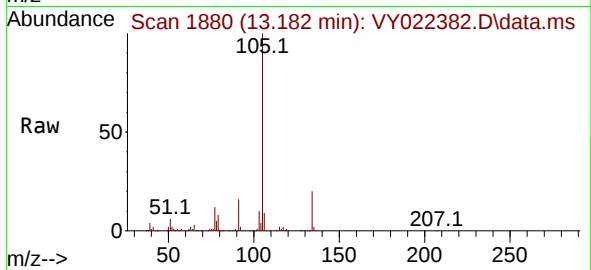
Tgt Ion:105 Resp: 147645
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.368 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022382.D
 Acq: 22 May 2025 09:36

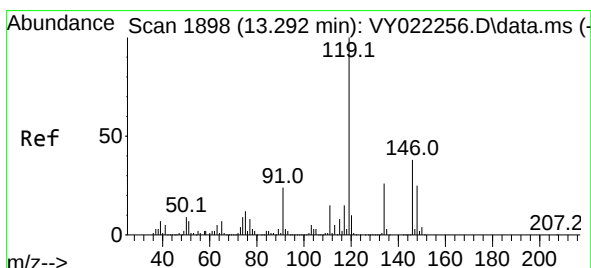
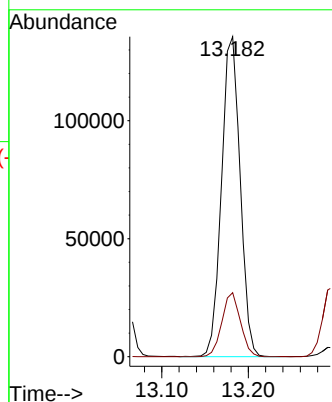
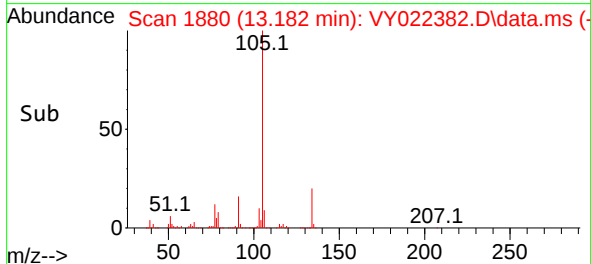
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01



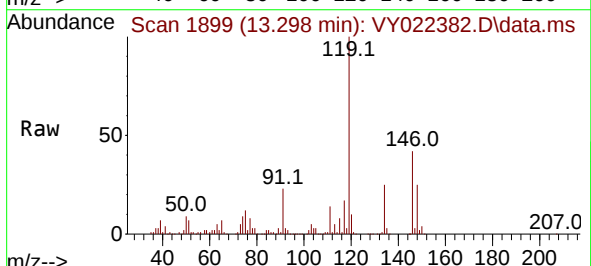
Tgt Ion:105 Resp: 202478
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
 APPROVED

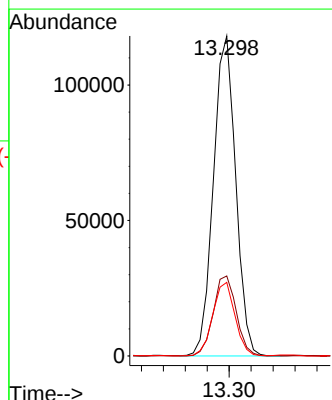
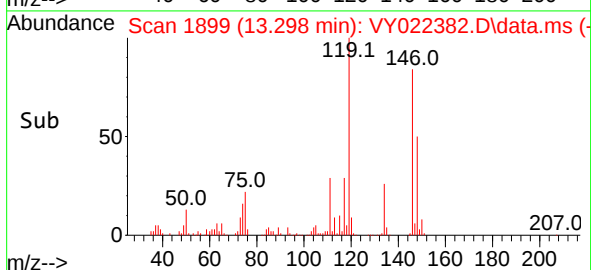
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

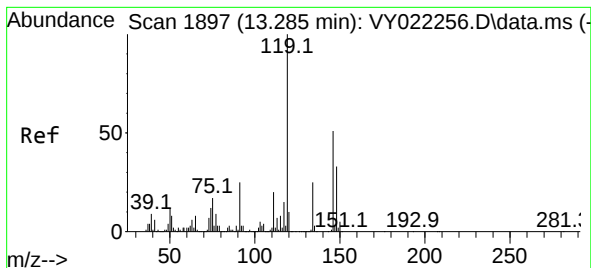


#86
 p-Isopropyltoluene
 Concen: 18.977 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022382.D
 Acq: 22 May 2025 09:36



Tgt Ion:119 Resp: 166855
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 22.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.857 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

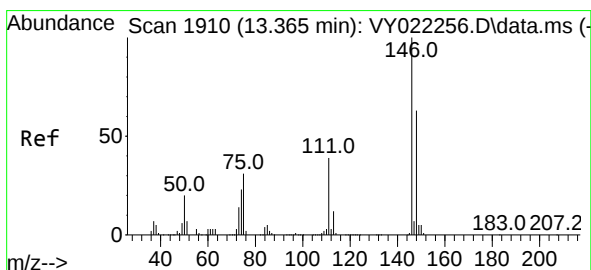
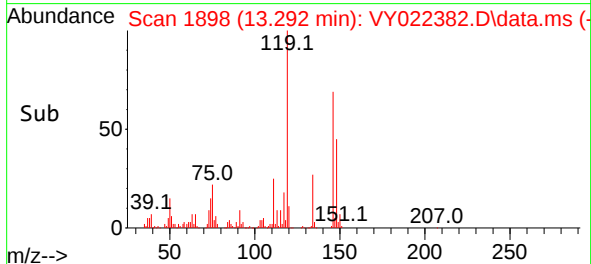
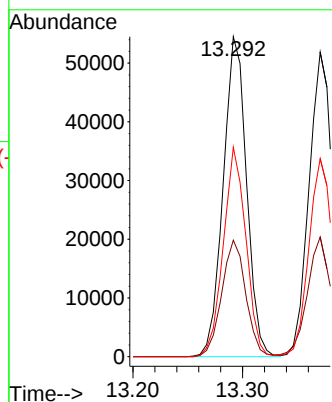
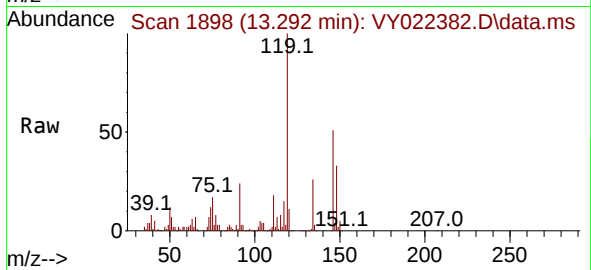
Tgt Ion:	146	Resp:	8070
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.9	59.7
148	63.3	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#88

1,4-Dichlorobenzene

Concen: 18.995 ug/l

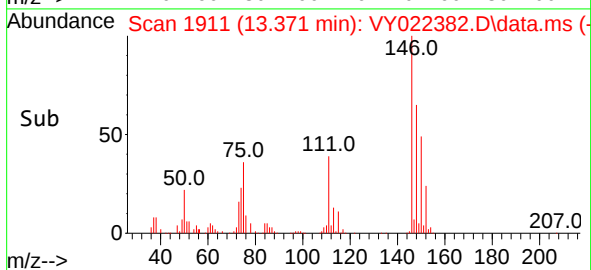
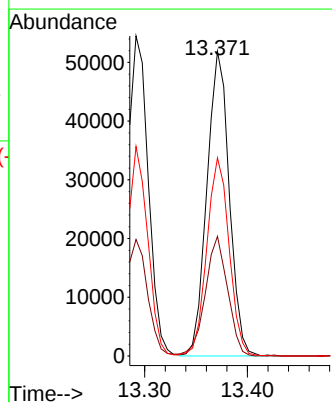
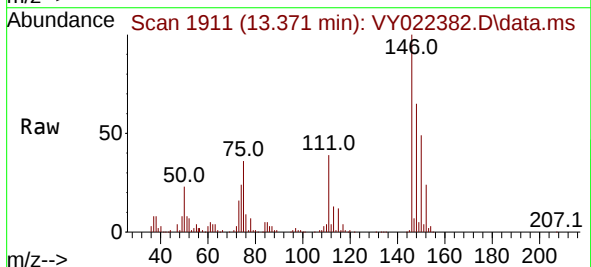
RT: 13.371 min Scan# 1911

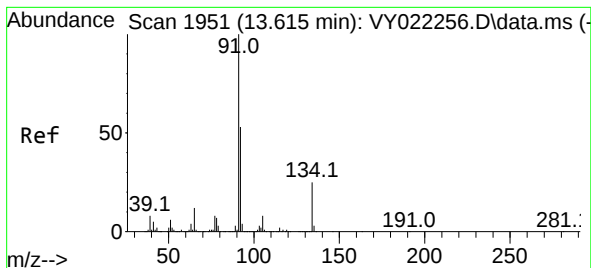
Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion:	146	Resp:	78194
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.0	59.9
148	65.2	32.1	96.5





#89

n-Butylbenzene

Concen: 19.260 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 91 Resp: 160200

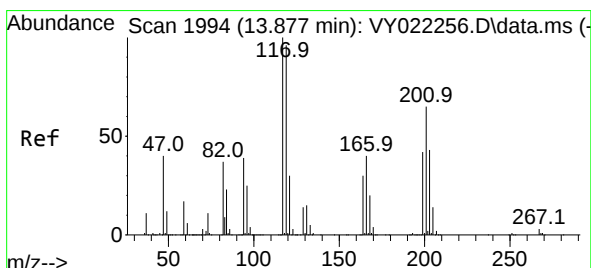
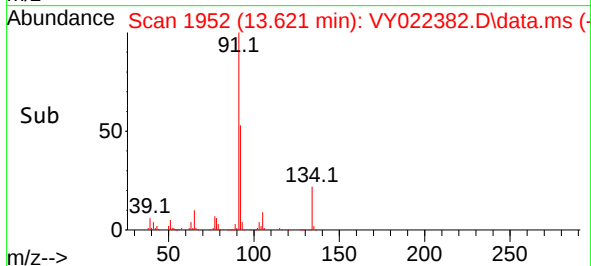
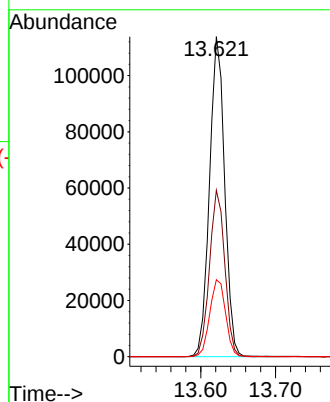
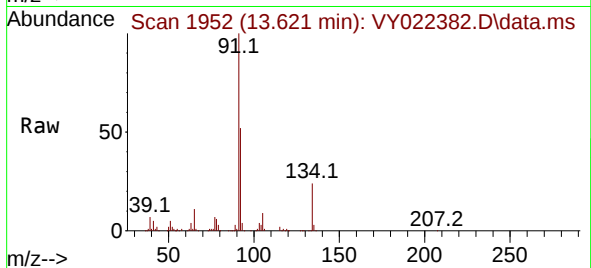
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	25.1	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#90

Hexachloroethane

Concen: 19.127 ug/l

RT: 13.883 min Scan# 1995

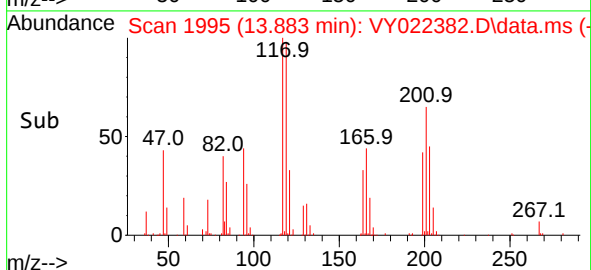
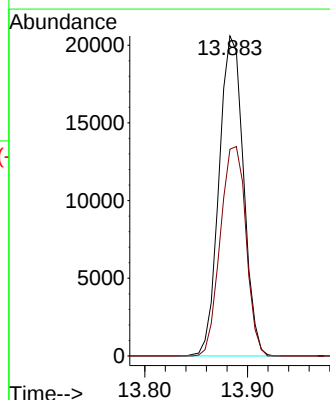
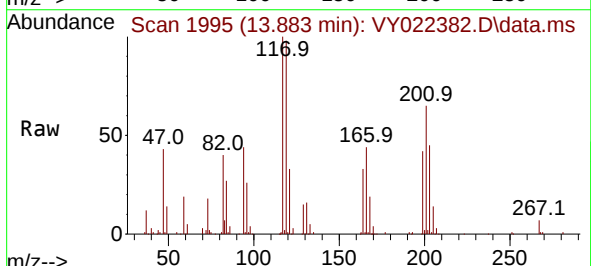
Delta R.T. 0.006 min

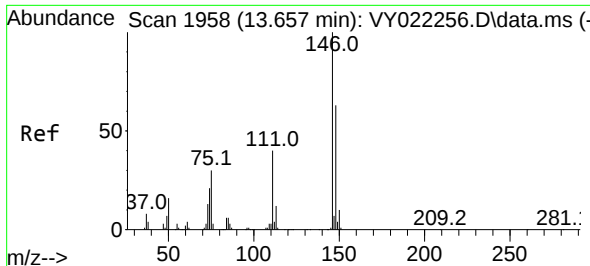
Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion:117 Resp: 33947

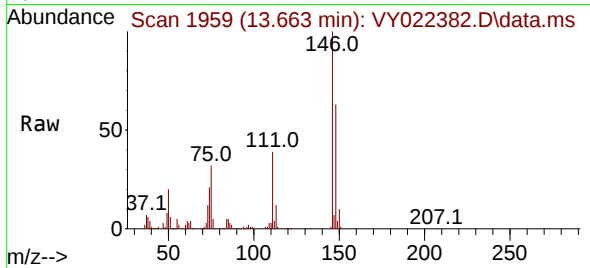
Ion	Ratio	Lower	Upper
117	100		
201	68.7	35.2	105.6





#91
1,2-Dichlorobenzene
Concen: 19.098 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

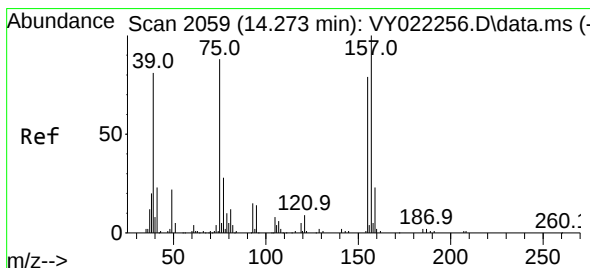
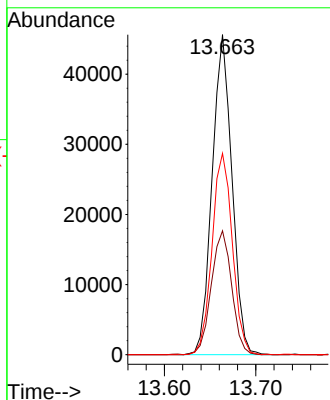
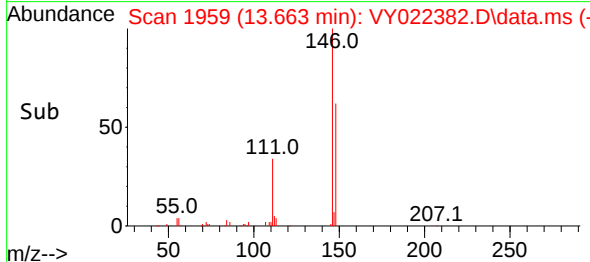
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01



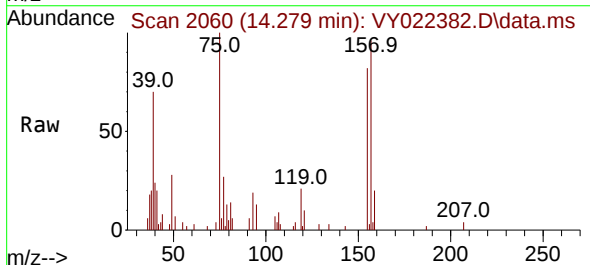
Tgt Ion:146 Resp: 68652
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 64.6 32.0 96.0

Manual Integrations
APPROVED

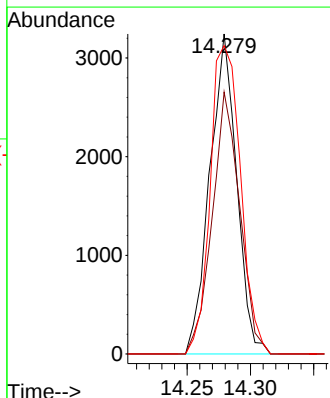
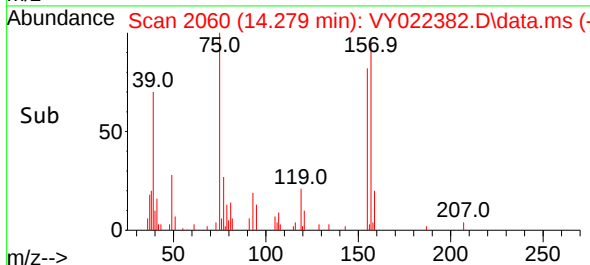
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

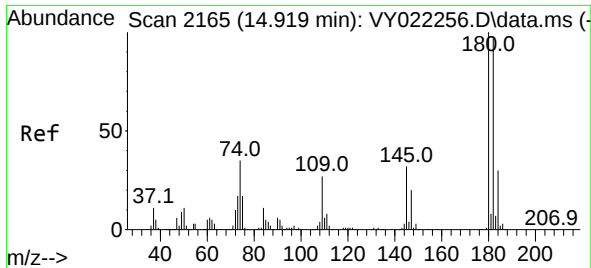


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.637 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36



Tgt Ion: 75 Resp: 4780
Ion Ratio Lower Upper
75 100
155 84.1 43.4 130.1
157 109.0 54.6 163.9





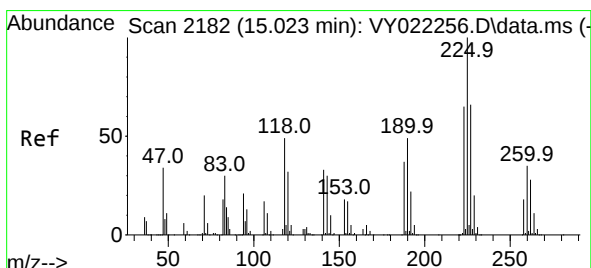
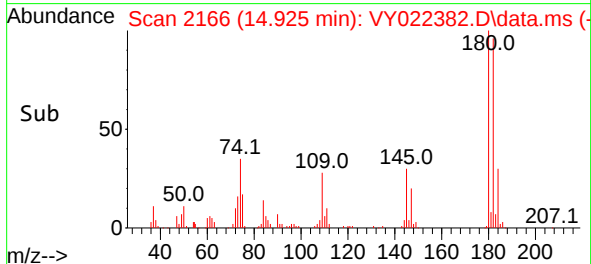
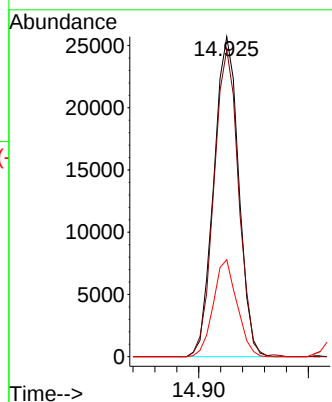
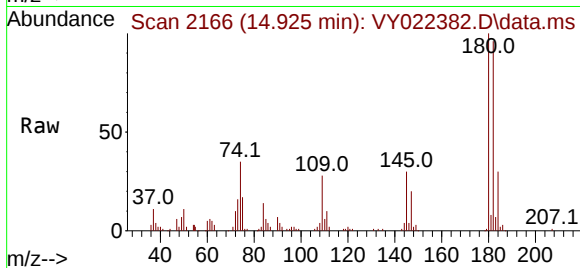
#93
1,2,4-Trichlorobenzene
Concen: 19.482 ug/l
RT: 14.925 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion:180 Resp: 4045
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.0
145 29.0 15.0 45.1

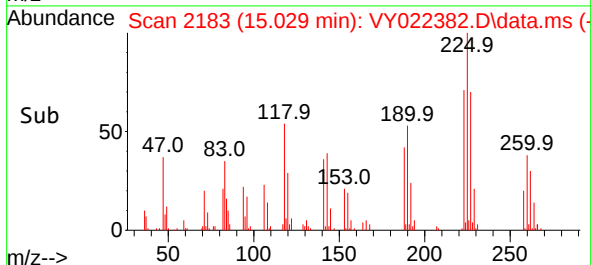
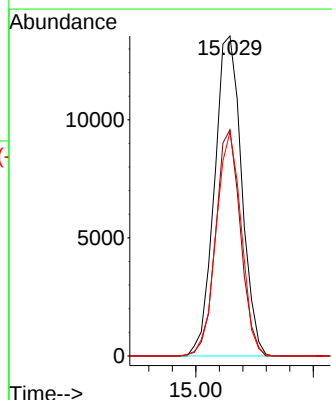
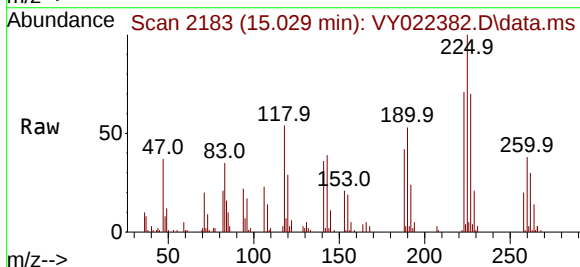
Manual Integrations
APPROVED

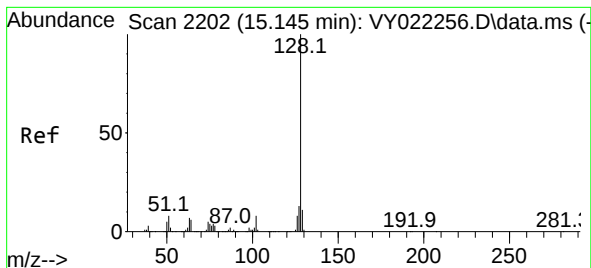
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#94
Hexachlorobutadiene
Concen: 18.766 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY022382.D
Acq: 22 May 2025 09:36

Tgt Ion:225 Resp: 21731
Ion Ratio Lower Upper
225 100
223 64.6 31.5 94.5
227 65.1 32.1 96.3





#95

Naphthalene

Concen: 19.368 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

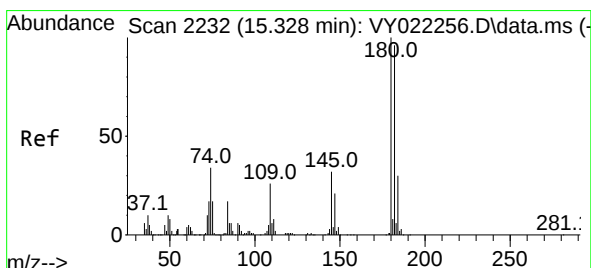
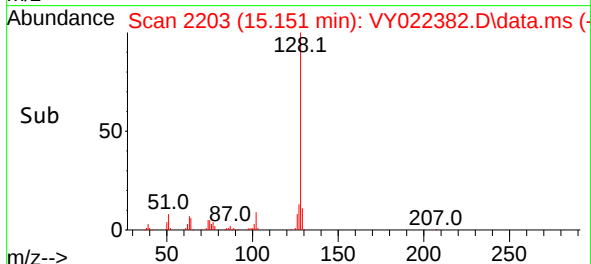
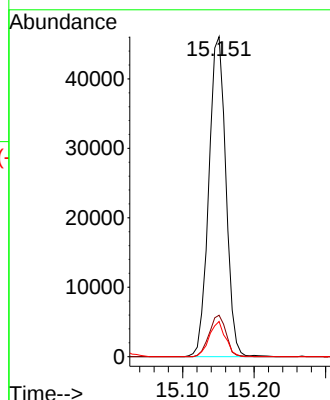
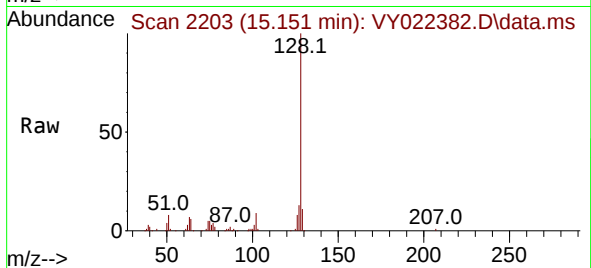
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.191 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022382.D

Acq: 22 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.9	15.9	47.6

