

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022383.D
 Acq On : 22 May 2025 09:59
 Operator : SY/MD
 Sample : VY0522SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 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 03:32:55 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	7.713	168	165702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	283052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	236945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	91305	50.418	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.840%
35) Dibromofluoromethane	7.640	113	86124	50.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.960%
50) Toluene-d8	10.115	98	344960	49.856	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.413	95	103227	47.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.140%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	34872	20.169	ug/l	98
3) Chloromethane	2.068	50	84322	23.184	ug/l	98
4) Vinyl Chloride	2.208	62	103245	25.408	ug/l	96
5) Bromomethane	2.598	94	110601	33.435	ug/l	100
6) Chloroethane	2.738	64	71548	28.302	ug/l	97
7) Trichlorofluoromethane	3.055	101	86964	21.138	ug/l	98
8) Diethyl Ether	3.464	74	20593	20.857	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.823	101	38058	21.308	ug/l	99
10) Methyl Iodide	4.006	142	40873	19.772	ug/l	99
11) Tert butyl alcohol	4.884	59	14857	107.432	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	36929	20.835	ug/l	85
13) Acrolein	3.659	56	11544	57.100	ug/l	90
14) Allyl chloride	4.384	41	56854	18.294	ug/l	94
15) Acrylonitrile	5.073	53	42184	103.689	ug/l	98
16) Acetone	3.884	43	31709	93.380	ug/l	94
17) Carbon Disulfide	4.116	76	114095	19.740	ug/l	99
18) Methyl Acetate	4.396	43	20711	19.345	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	102955	21.066	ug/l	95
20) Methylene Chloride	4.622	84	41710	19.009	ug/l	92
21) trans-1,2-Dichloroethene	5.122	96	39375	20.126	ug/l	92
22) Diisopropyl ether	6.030	45	125231	19.081	ug/l	94
23) Vinyl Acetate	5.969	43	381544	96.228	ug/l	95
24) 1,1-Dichloroethane	5.927	63	74250	20.250	ug/l	99
25) 2-Butanone	6.908	43	55203	97.189	ug/l	100
26) 2,2-Dichloropropane	6.896	77	65151	19.977	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	46809	20.734	ug/l	96
28) Bromochloromethane	7.256	49	31798	20.331	ug/l	99
29) Tetrahydrofuran	7.268	42	37375	102.279	ug/l	92
30) Chloroform	7.432	83	72756	20.687	ug/l	99
31) Cyclohexane	7.713	56	69034	18.844	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	66078	20.479	ug/l	99
36) 1,1-Dichloropropene	7.847	75	54364	19.537	ug/l	98
37) Ethyl Acetate	6.994	43	27223	20.333	ug/l	97
38) Carbon Tetrachloride	7.823	117	56279	19.539	ug/l	97
39) Methylcyclohexane	9.115	83	73130	19.561	ug/l	93
40) Benzene	8.091	78	166008	20.124	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	13388	15.074	ug/l #	75
42) 1,2-Dichloroethane	8.164	62	45353	20.330	ug/l	100
43) Isopropyl Acetate	8.207	43	55775	19.101	ug/l	98
44) Trichloroethene	8.871	130	41551	20.257	ug/l	98
45) 1,2-Dichloropropane	9.146	63	39131	19.675	ug/l	98
46) Dibromomethane	9.237	93	22317	20.805	ug/l	97
47) Bromodichloromethane	9.432	83	55379	19.900	ug/l	96
48) Methyl methacrylate	9.231	41	24767	18.137	ug/l	93
49) 1,4-Dioxane	9.237	88	5070	418.379	ug/l	93
51) 4-Methyl-2-Pentanone	10.005	43	139840	97.604	ug/l	97
52) Toluene	10.176	92	101209	19.375	ug/l	99
53) t-1,3-Dichloropropene	10.401	75	52641	19.383	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	61287	19.697	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	28589	20.813	ug/l	97
56) Ethyl methacrylate	10.444	69	42404	19.818	ug/l	94
57) 1,3-Dichloropropane	10.725	76	50499	20.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	83817	87.274	ug/l	97
59) 2-Hexanone	10.767	43	91893	95.660	ug/l	96
60) Dibromochloromethane	10.920	129	36293	20.356	ug/l	99
61) 1,2-Dibromoethane	11.017	107	25923	20.248	ug/l	100
64) Tetrachloroethene	10.651	164	45749	20.889	ug/l	97
65) Chlorobenzene	11.450	112	108867	20.365	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	36887	20.072	ug/l	99
67) Ethyl Benzene	11.523	91	196186	19.596	ug/l	99
68) m/p-Xylenes	11.633	106	149849	39.722	ug/l	96
69) o-Xylene	11.956	106	70807	19.838	ug/l	96
70) Styrene	11.974	104	119807	19.899	ug/l	97
71) Bromoform	12.133	173	20642	20.810	ug/l #	97
73) Isopropylbenzene	12.261	105	184158	19.712	ug/l	100
74) N-amyl acetate	12.072	43	50559	18.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	30272	21.069	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	23203m	20.309	ug/l	
77) Bromobenzene	12.535	156	39924	20.008	ug/l	99
78) n-propylbenzene	12.602	91	222841	19.775	ug/l	100
79) 2-Chlorotoluene	12.682	91	120348	19.434	ug/l	98
80) 1,3,5-Trimethylbenzene	12.742	105	148179	19.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11117	19.711	ug/l	95
82) 4-Chlorotoluene	12.779	91	122004	19.154	ug/l	96
83) tert-Butylbenzene	12.999	119	135145	20.161	ug/l	96
84) 1,2,4-Trimethylbenzene	13.047	105	146449	19.562	ug/l	98
85) sec-Butylbenzene	13.181	105	198914	19.991	ug/l	99
86) p-Isopropyltoluene	13.297	119	162649	19.435	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	80601	19.787	ug/l	98
88) 1,4-Dichlorobenzene	13.370	146	78462	20.025	ug/l	99
89) n-Butylbenzene	13.620	91	155438	19.633	ug/l	100
90) Hexachloroethane	13.883	117	33072	19.577	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	69239	20.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4955	21.386	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	39517	19.994	ug/l	97
94) Hexachlorobutadiene	15.029	225	20733	18.811	ug/l	99
95) Naphthalene	15.144	128	76999	20.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.333	180	34249	20.427	ug/l	97

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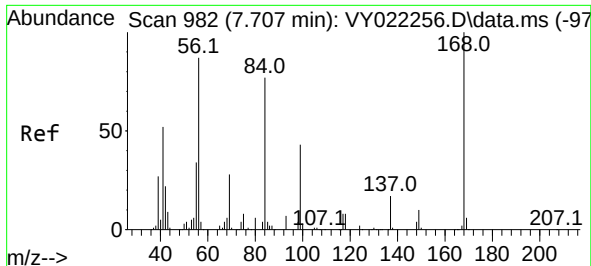
Manual Integrations
APPROVED

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Response via : Initial Calibration

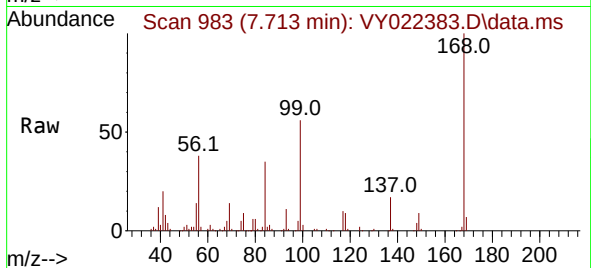
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022383.D
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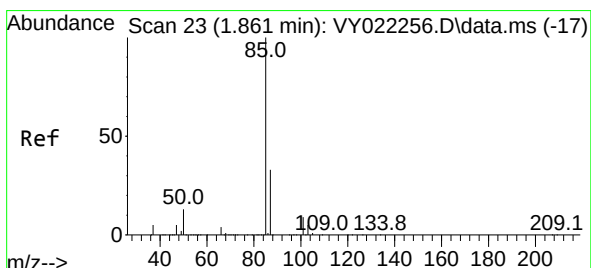
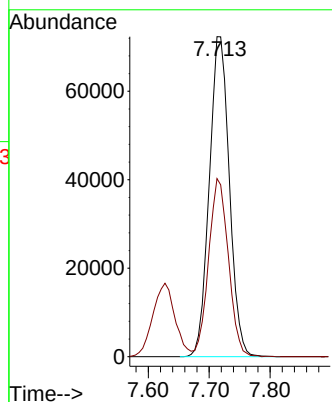
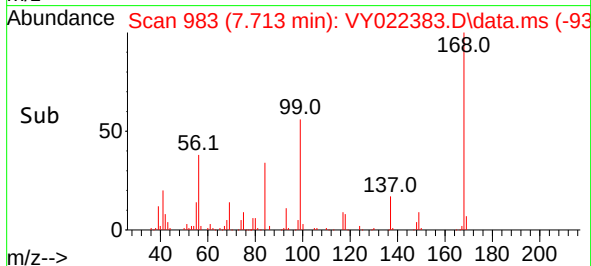
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion:168 Resp: 165702
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4

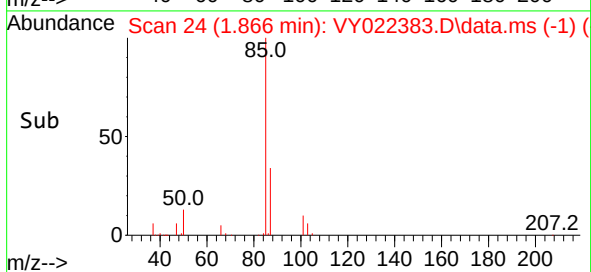
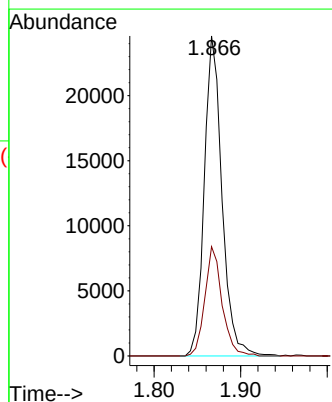
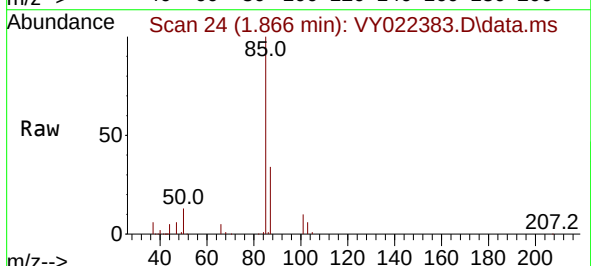
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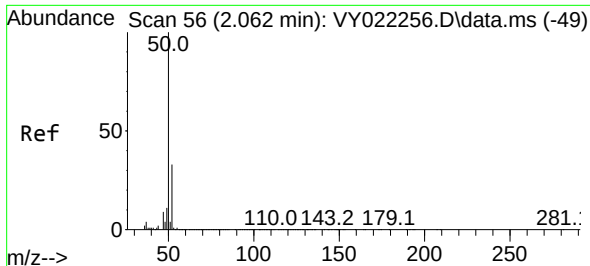
Reviewed By :John Carlone 05/23/2025
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#2
Dichlorodifluoromethane
Concen: 20.169 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

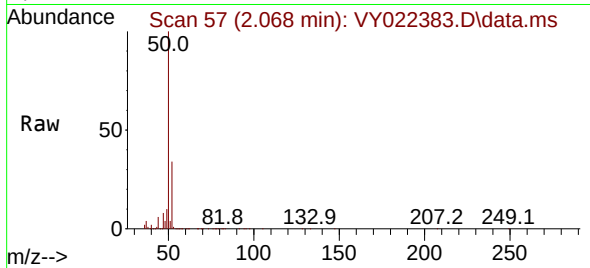
Tgt Ion: 85 Resp: 34872
Ion Ratio Lower Upper
85 100
87 34.1 16.5 49.5





#3
Chloromethane
Concen: 23.184 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

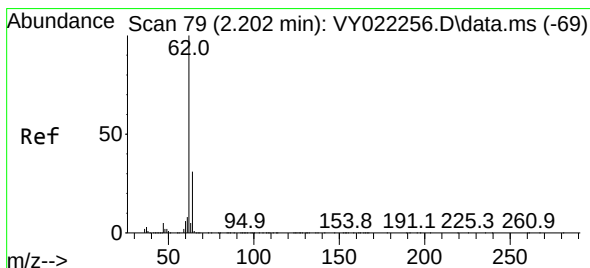
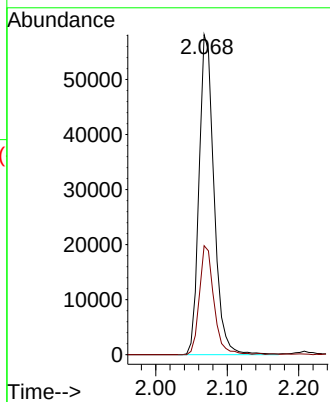
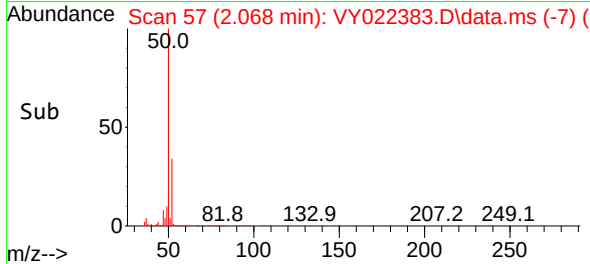
Instrument :
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VY0522SBSD01



Tgt Ion: 50 Resp: 8432
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

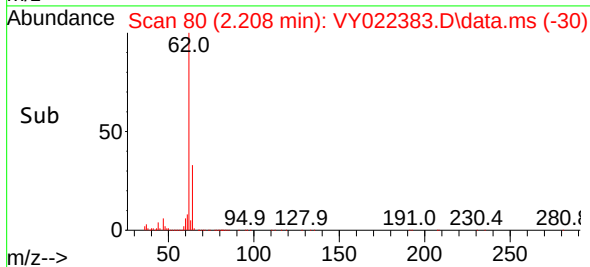
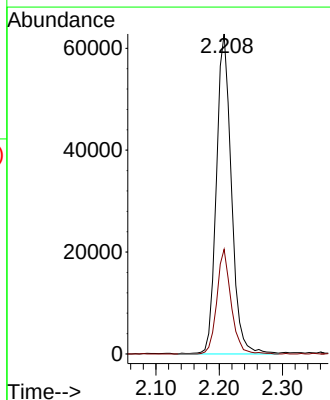
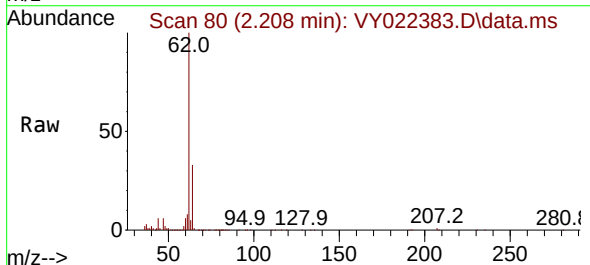
Manual Integrations
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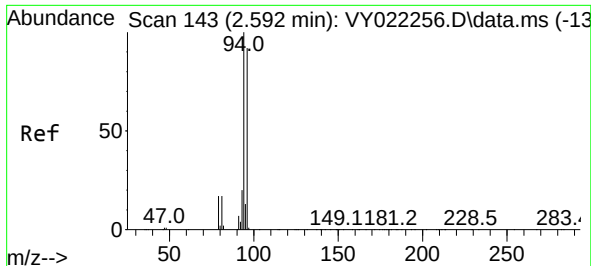
Reviewed By :John Carlone 05/23/2025
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#4
Vinyl Chloride
Concen: 25.408 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

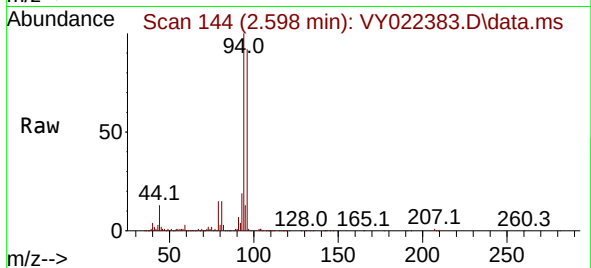
Tgt Ion: 62 Resp: 103245
Ion Ratio Lower Upper
62 100
64 32.7 24.5 36.7





#5
Bromomethane
Concen: 33.435 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

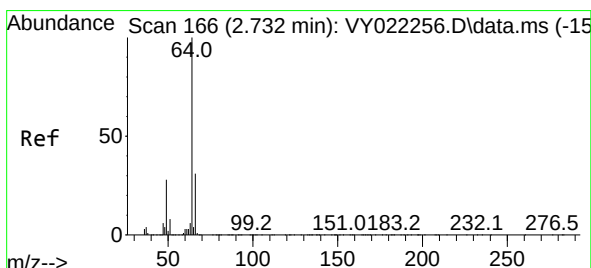
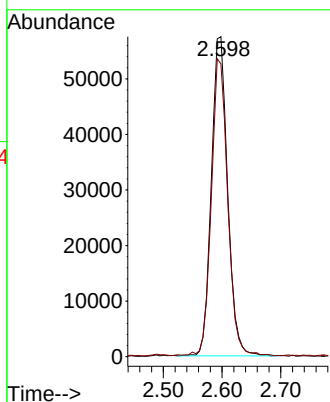
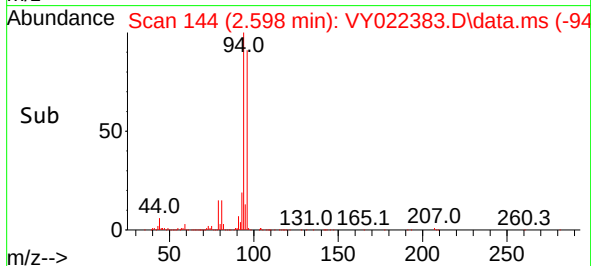
Instrument :
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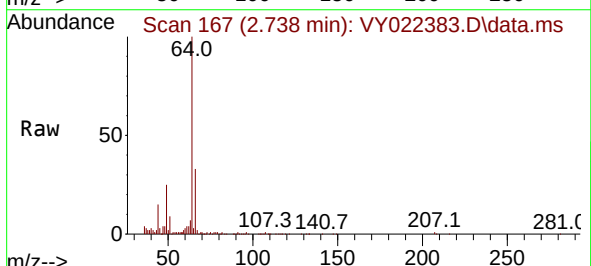
Tgt Ion: 94 Resp: 11060
Ion Ratio Lower Upper
94 100
96 91.4 73.4 110.0

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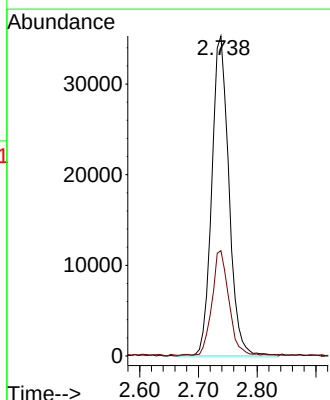
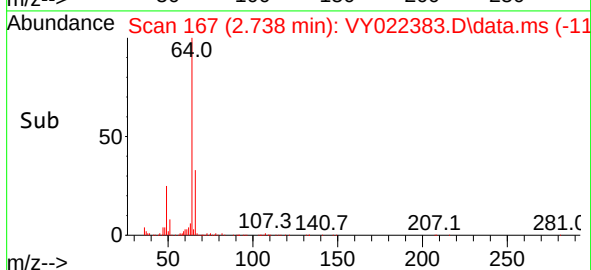
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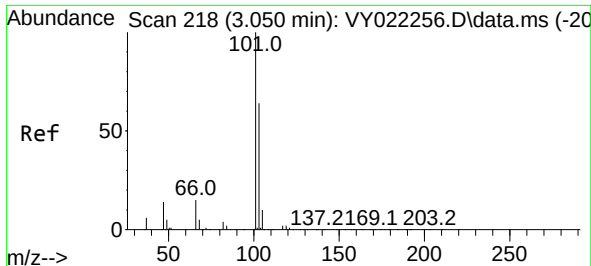


#6
Chloroethane
Concen: 28.302 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022383.D
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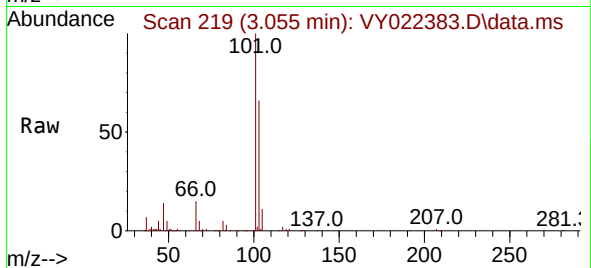
Tgt Ion: 64 Resp: 71548
Ion Ratio Lower Upper
64 100
66 32.7 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 21.138 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022383.D
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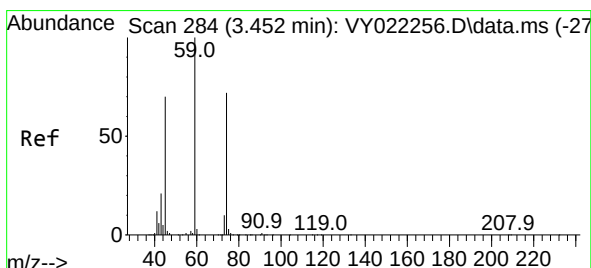
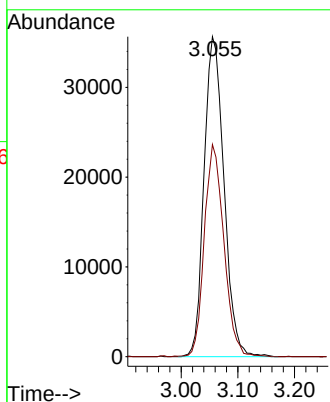
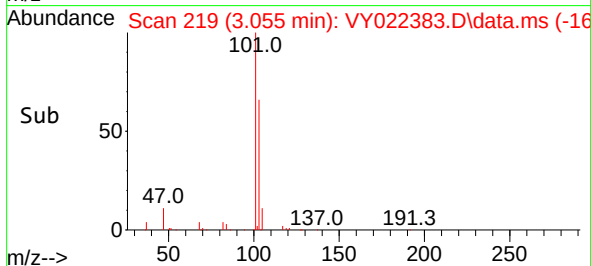
Instrument :
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 VY0522SBSD01



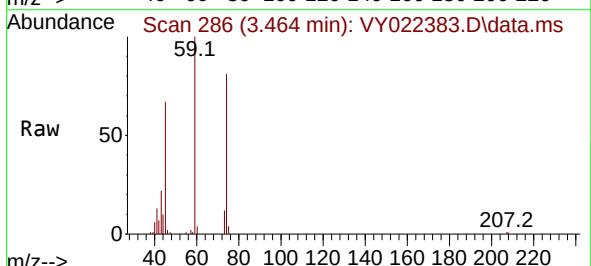
Tgt Ion:101 Resp: 86964
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.7 77.5

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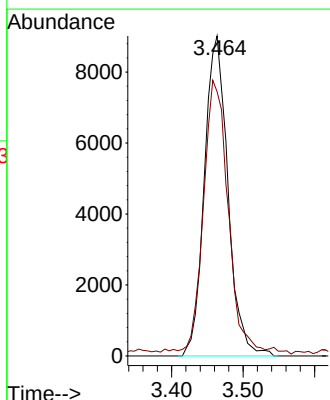
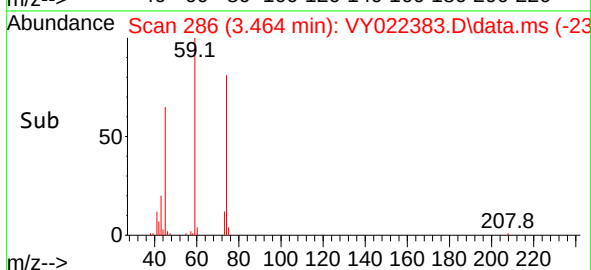
Reviewed By :John Carlone 05/23/2025
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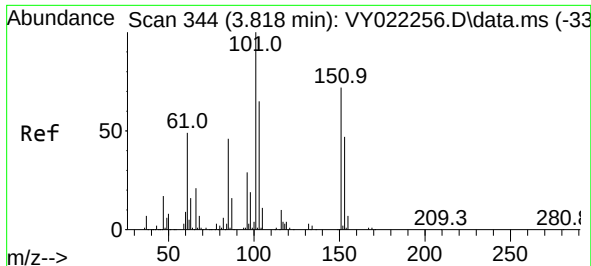


#8
 Diethyl Ether
 Concen: 20.857 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59



Tgt Ion: 74 Resp: 20593
 Ion Ratio Lower Upper
 74 100
 45 91.8 48.6 145.8





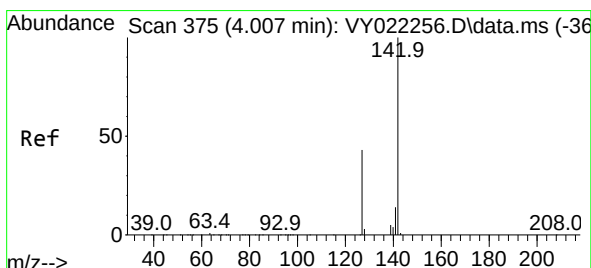
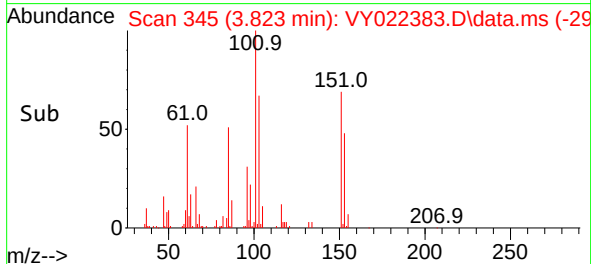
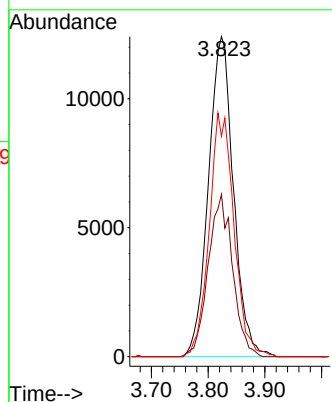
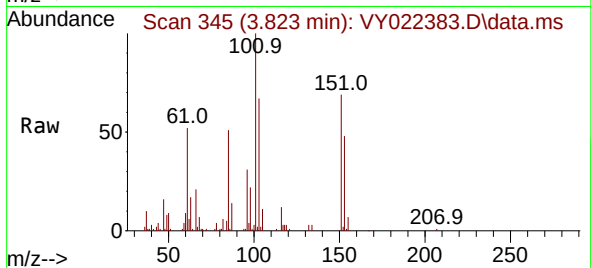
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.308 ug/l
RT: 3.823 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022383.D
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MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion:101 Resp: 38058
Ion Ratio Lower Upper
101 100
85 49.4 38.6 58.0
151 75.4 59.7 89.5

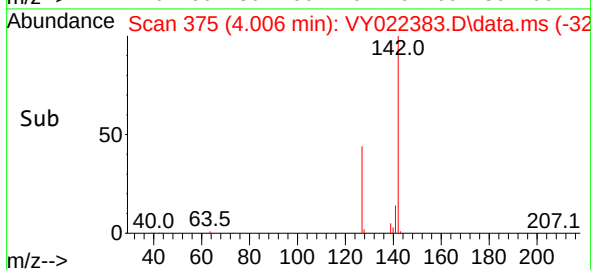
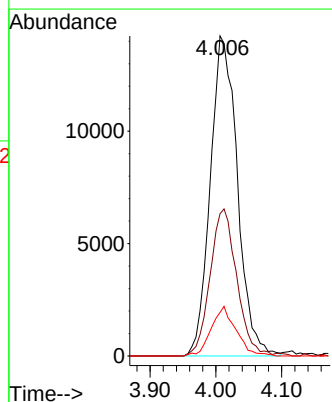
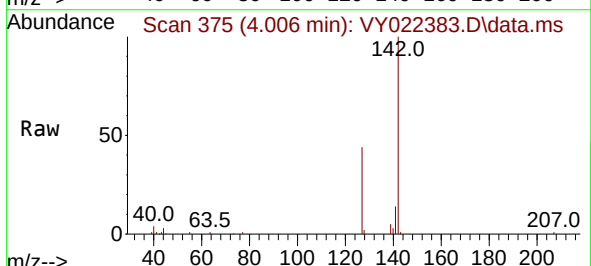
Manual Integrations
APPROVED

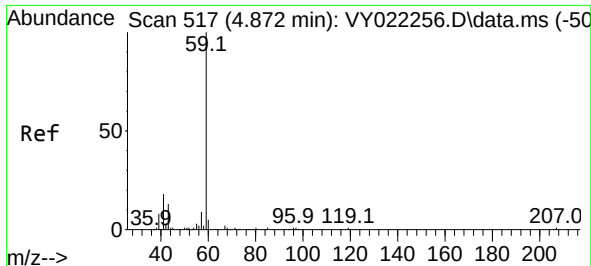
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 19.772 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

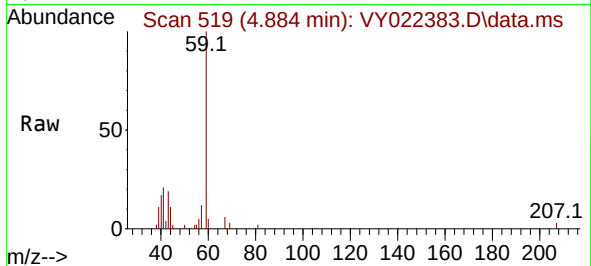
Tgt Ion:142 Resp: 40873
Ion Ratio Lower Upper
142 100
127 45.4 35.7 53.5
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 107.432 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

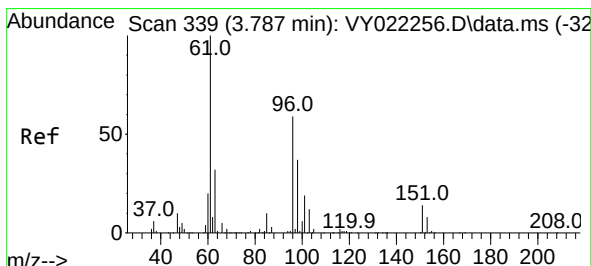
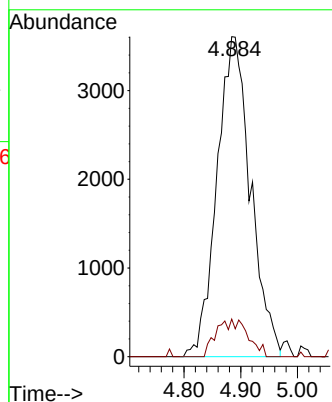
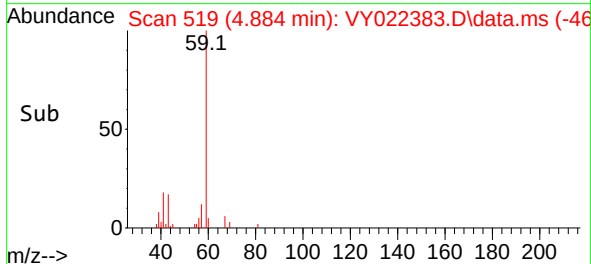
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



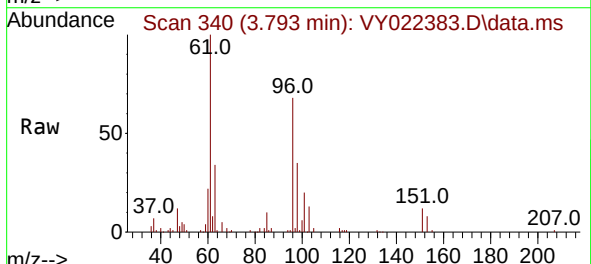
Tgt Ion: 59 Resp: 1485
Ion Ratio Lower Upper
59 100
57 4.8 0.0 0.0

Manual Integrations
APPROVED

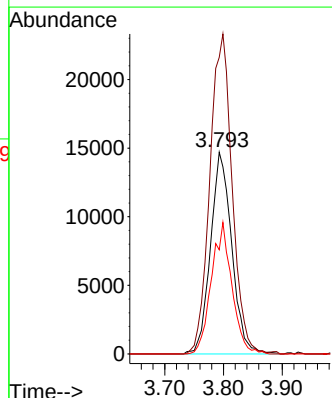
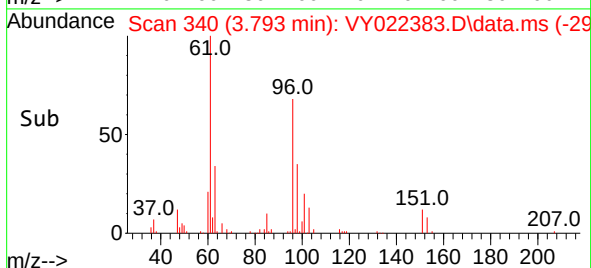
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

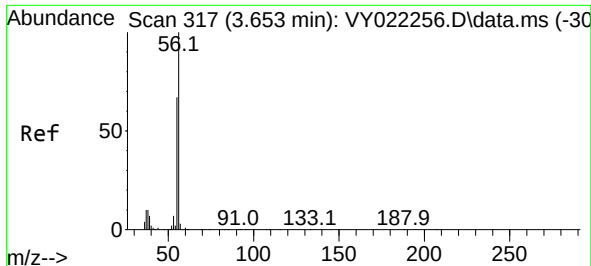


#12
1,1-Dichloroethene
Concen: 20.835 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



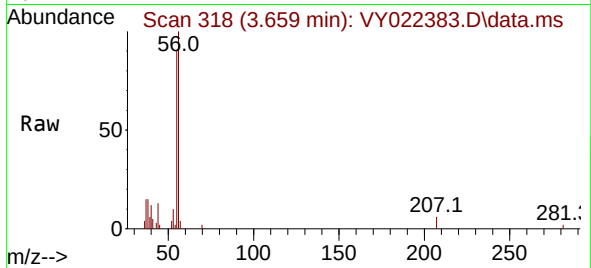
Tgt Ion: 96 Resp: 36929
Ion Ratio Lower Upper
96 100
61 147.0 134.9 202.3
98 51.6 49.9 74.9





#13
Acrolein
Concen: 57.100 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

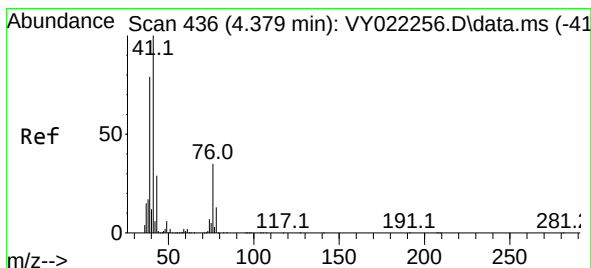
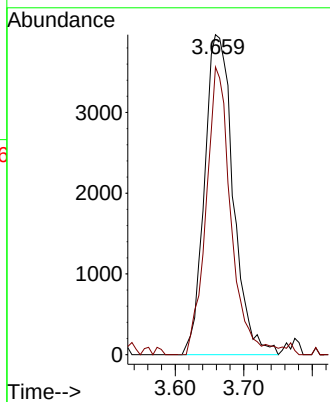
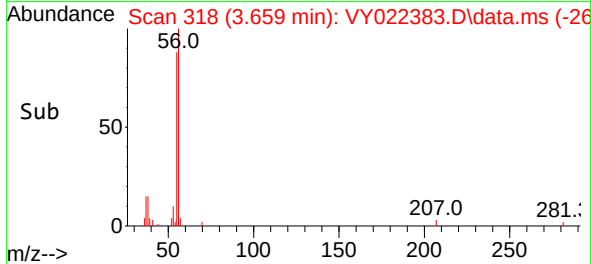
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



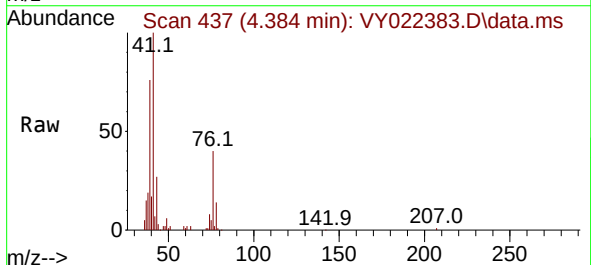
Tgt Ion: 56 Resp: 11544
Ion Ratio Lower Upper
56 100
55 77.7 55.6 83.4

Manual Integrations
APPROVED

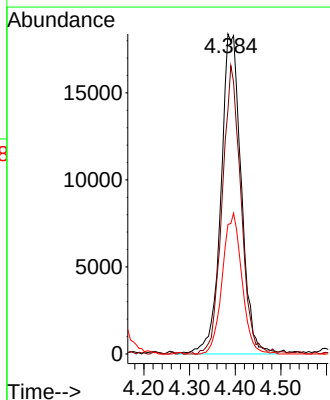
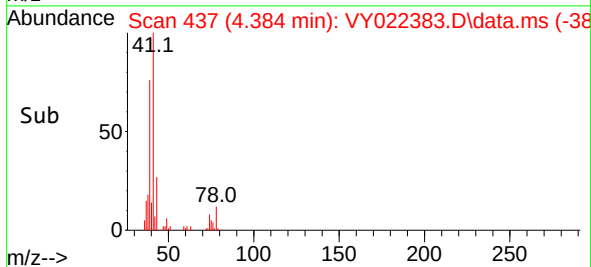
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

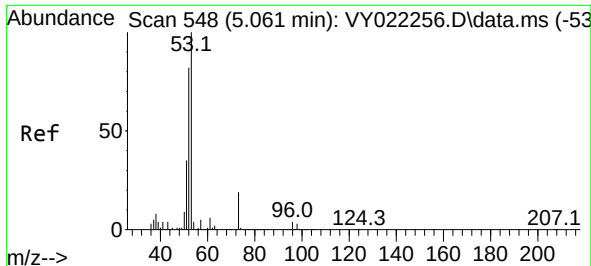


#14
Allyl chloride
Concen: 18.294 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



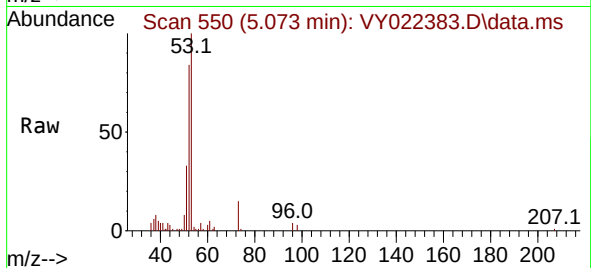
Tgt Ion: 41 Resp: 56854
Ion Ratio Lower Upper
41 100
39 83.0 63.4 95.0
76 42.3 29.5 44.3





#15
Acrylonitrile
Concen: 103.689 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

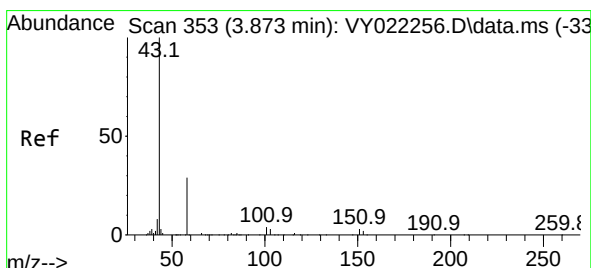
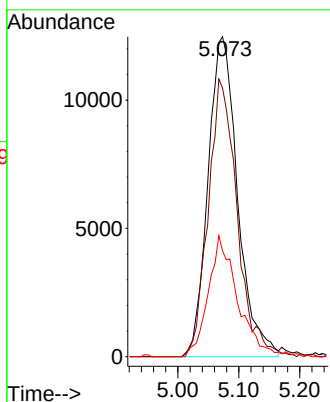
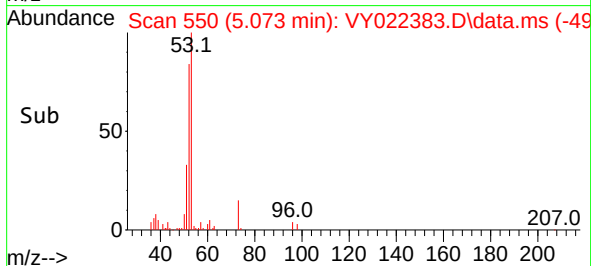
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



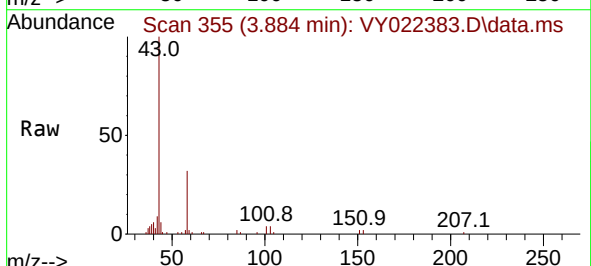
Tgt Ion: 53 Resp: 42184
Ion Ratio Lower Upper
53 100
52 84.4 66.1 99.1
51 37.2 30.0 45.0

Manual Integrations
APPROVED

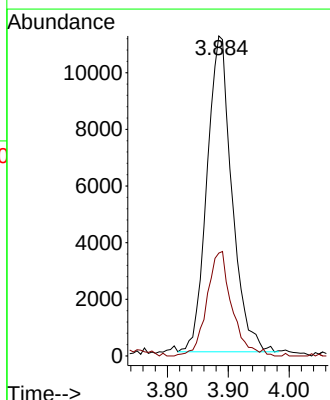
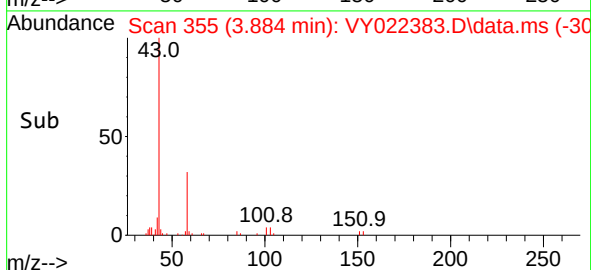
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

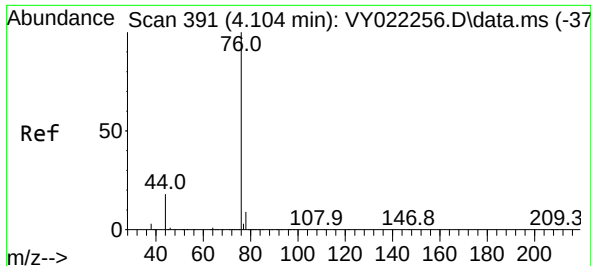


#16
Acetone
Concen: 93.380 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



Tgt Ion: 43 Resp: 31709
Ion Ratio Lower Upper
43 100
58 32.6 23.6 35.4





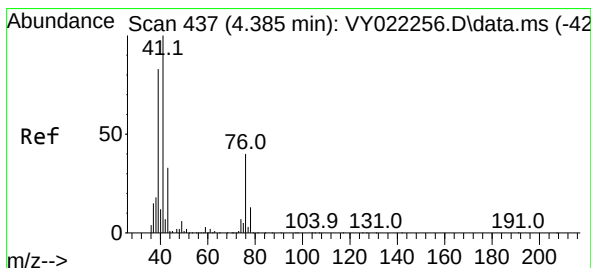
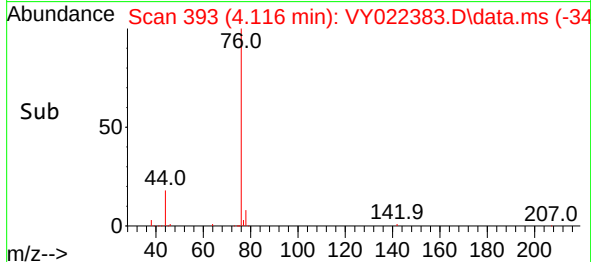
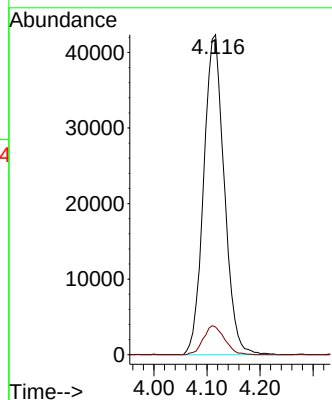
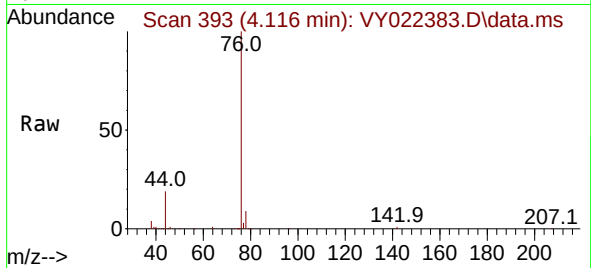
#17
Carbon Disulfide
Concen: 19.740 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion: 76 Resp: 11409
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

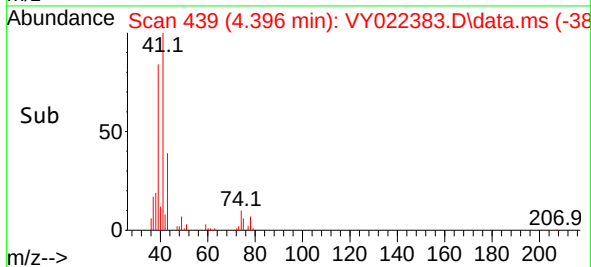
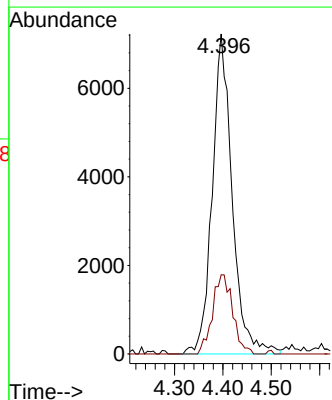
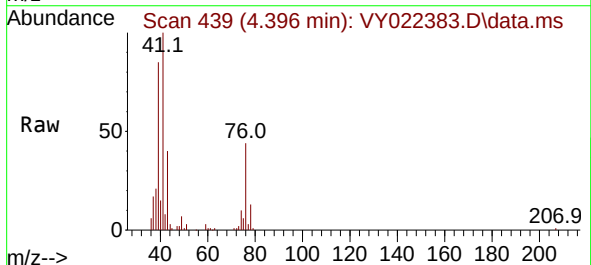
Manual Integrations
APPROVED

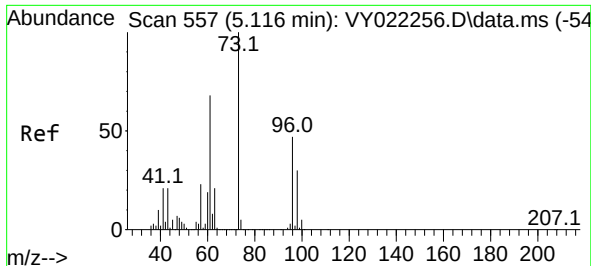
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 19.345 ug/l
RT: 4.396 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 43 Resp: 20711
Ion Ratio Lower Upper
43 100
74 25.0 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 21.066 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

Tgt Ion: 73 Resp: 10295

Ion Ratio Lower Upper

73 100

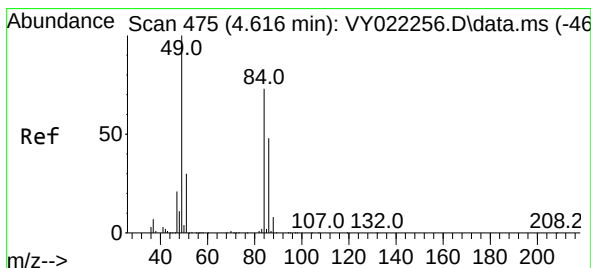
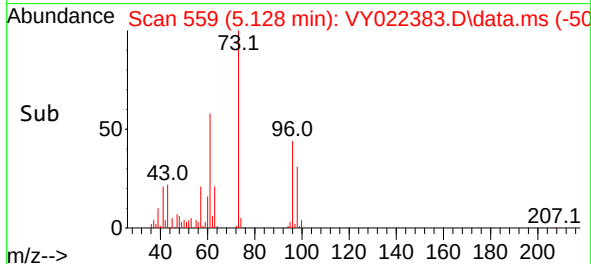
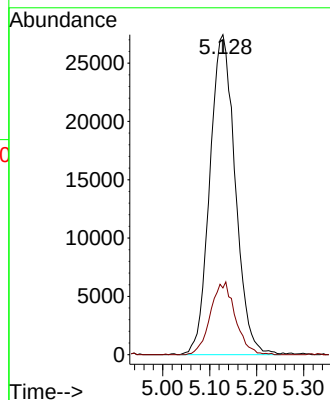
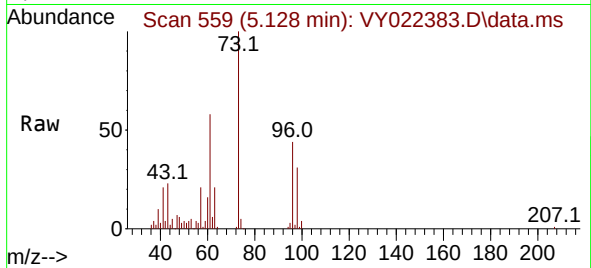
57 20.8 18.6 28.0

Manual Integrations

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Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#20

Methylene Chloride

Concen: 19.009 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion: 84 Resp: 41710

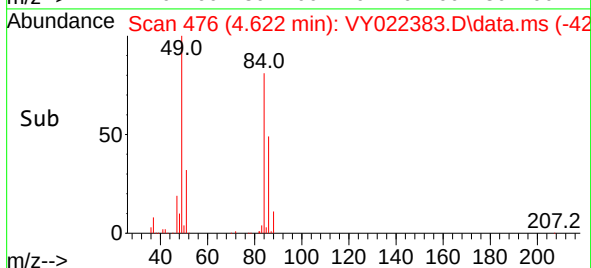
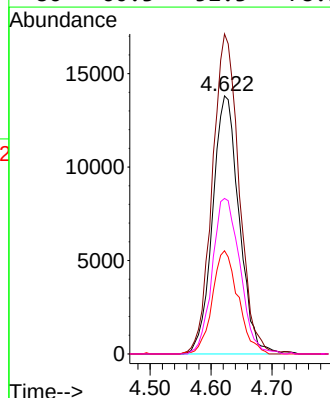
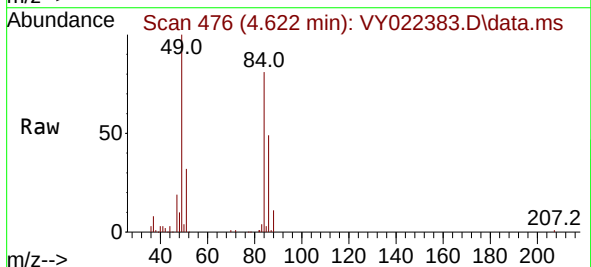
Ion Ratio Lower Upper

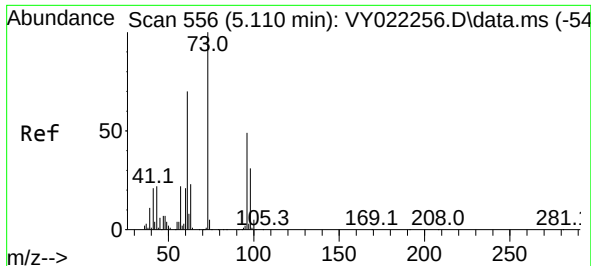
84 100

49 124.0 109.6 164.4

51 39.9 32.4 48.6

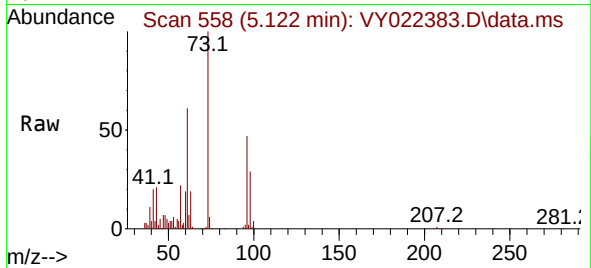
86 60.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.126 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

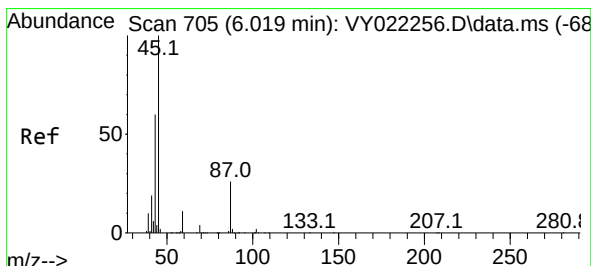
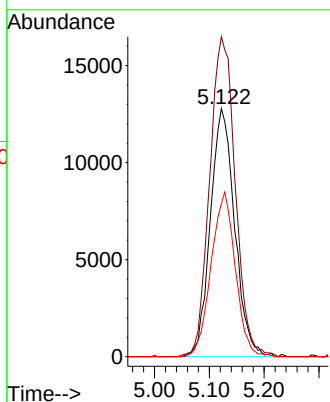
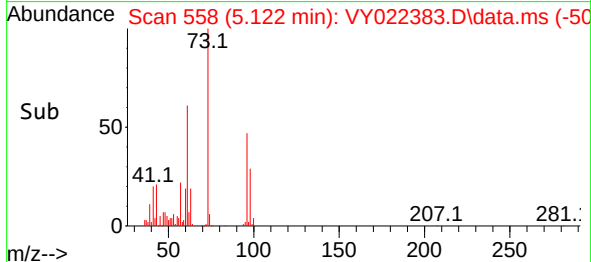
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



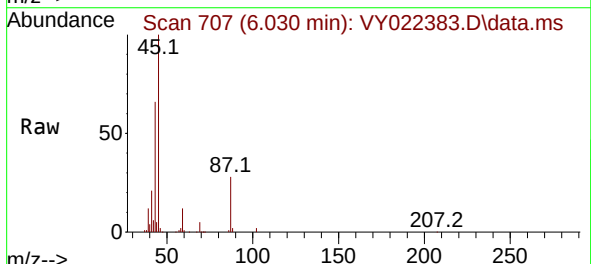
Tgt Ion: 96 Resp: 39379
Ion Ratio Lower Upper
96 100
61 129.0 113.4 170.0
98 61.7 50.9 76.3

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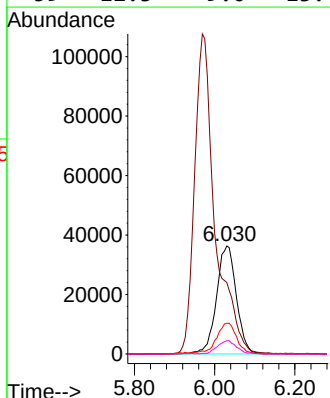
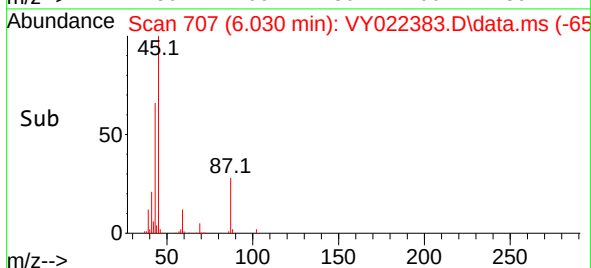
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

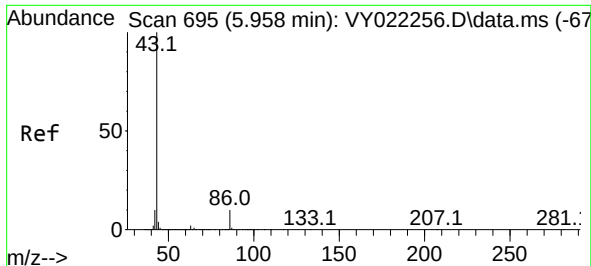


#22
Diisopropyl ether
Concen: 19.081 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



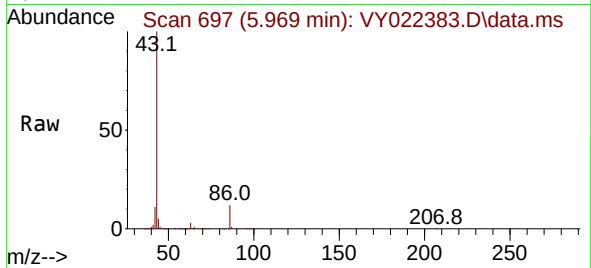
Tgt Ion: 45 Resp: 125231
Ion Ratio Lower Upper
45 100
43 65.6 48.2 72.2
87 28.4 21.4 32.0
59 12.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 96.228 ug/l
 RT: 5.969 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

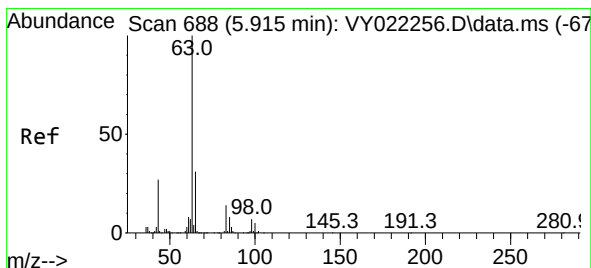
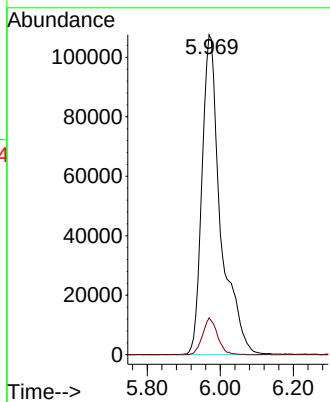
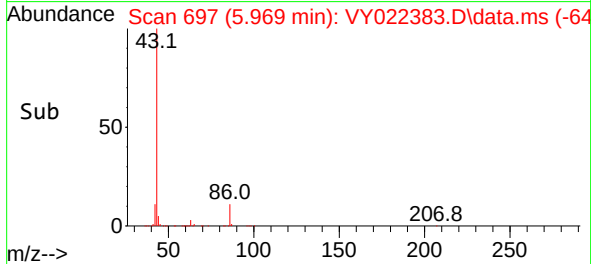
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01



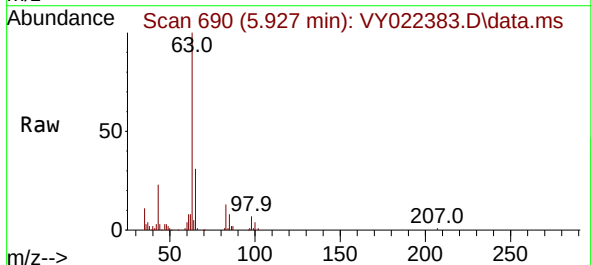
Tgt Ion: 43 Resp: 381544
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

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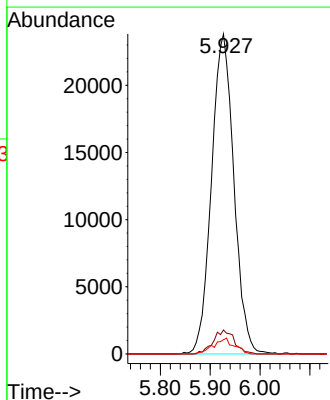
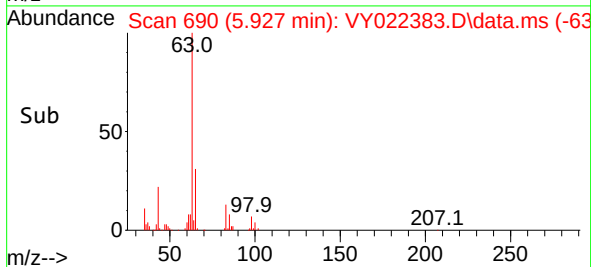
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

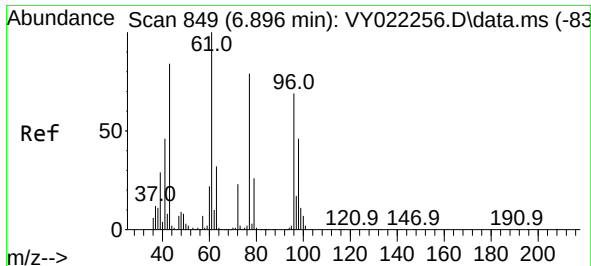


#24
 1,1-Dichloroethane
 Concen: 20.250 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59



Tgt Ion: 63 Resp: 74250
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.5 2.4 7.2





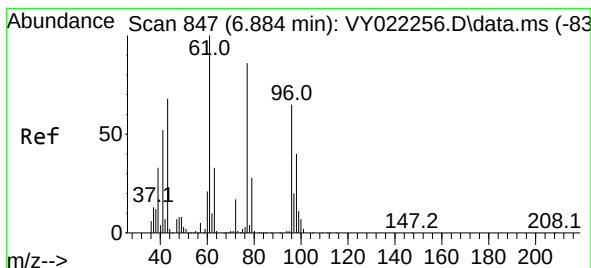
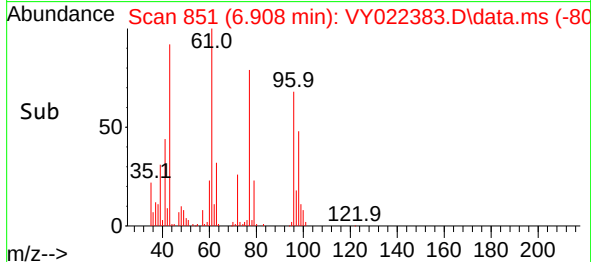
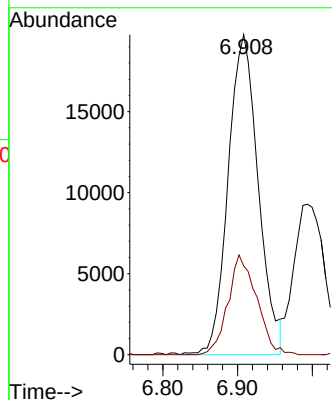
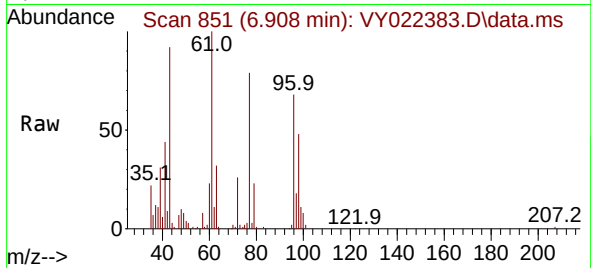
#25
2-Butanone
Concen: 97.189 ug/l
RT: 6.908 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion: 43 Resp: 5520
Ion Ratio Lower Upper
43 100
72 27.7 22.1 33.1

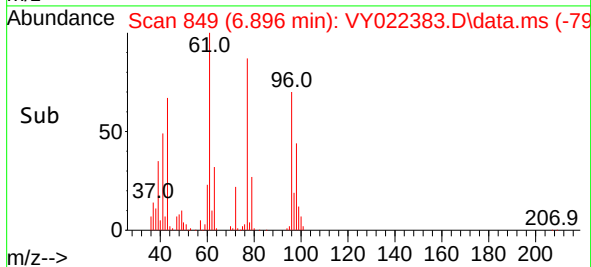
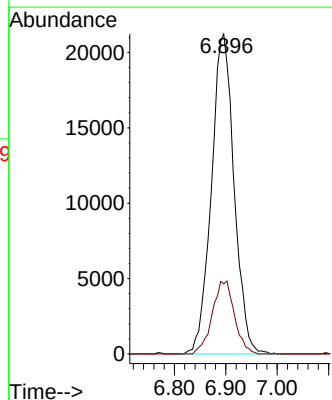
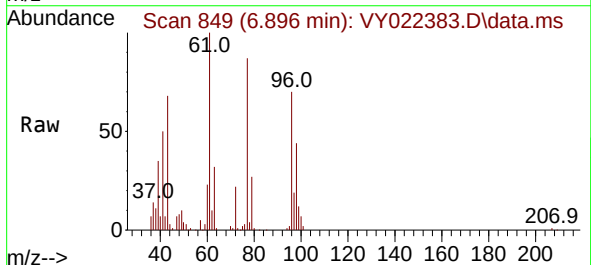
Manual Integrations
APPROVED

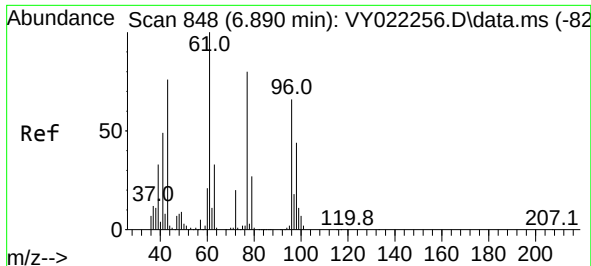
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#26
2,2-Dichloropropane
Concen: 19.977 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

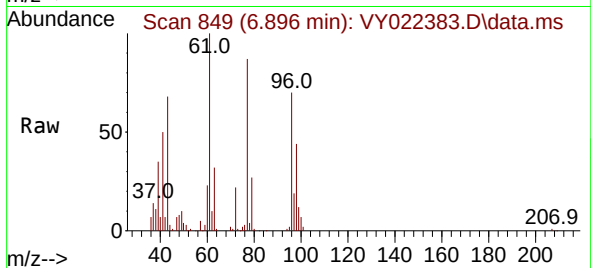
Tgt Ion: 77 Resp: 65151
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.734 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

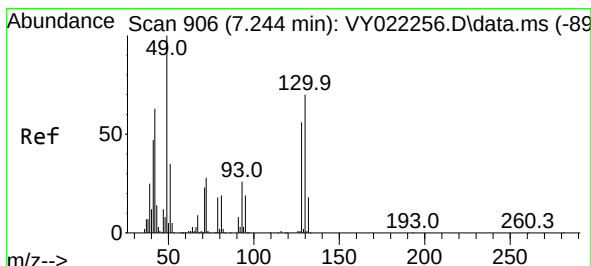
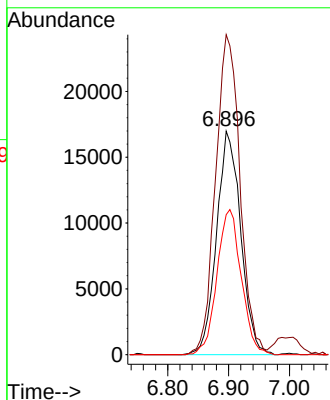
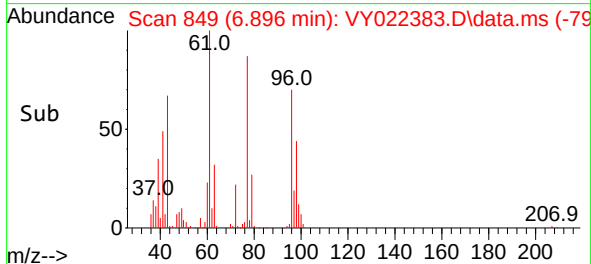
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01



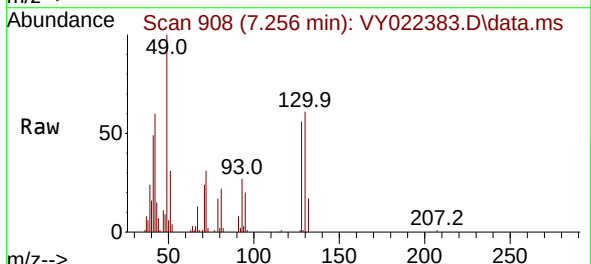
Tgt Ion: 96 Resp: 46809
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 302.6
 98 65.4 0.0 128.8

Manual Integrations
 APPROVED

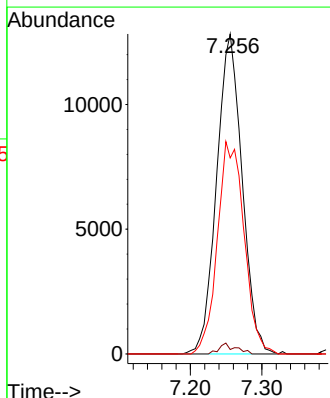
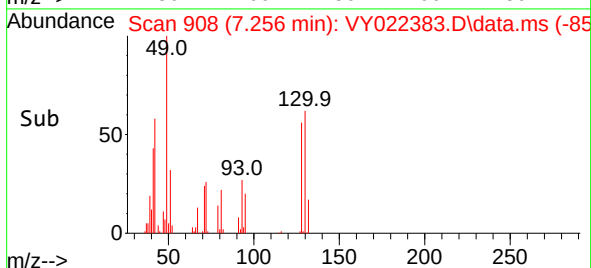
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

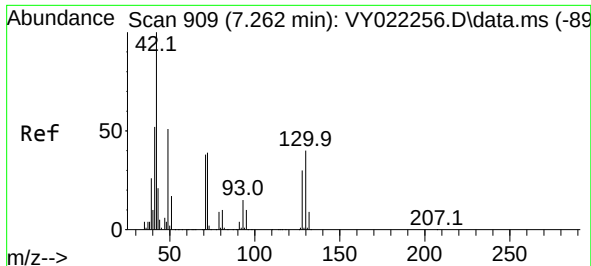


#28
 Bromochloromethane
 Concen: 20.331 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59



Tgt Ion: 49 Resp: 31798
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 69.5 54.7 82.1





#29

Tetrahydrofuran

Concen: 102.279 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

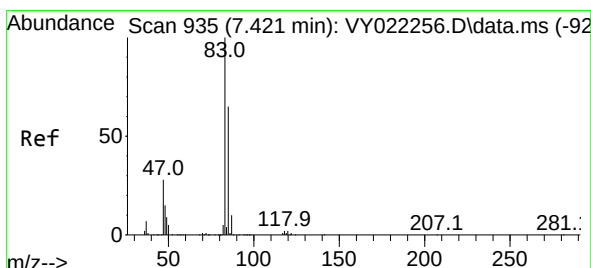
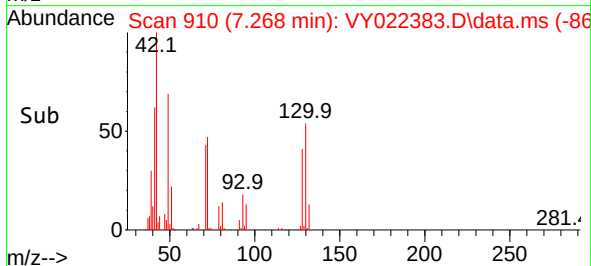
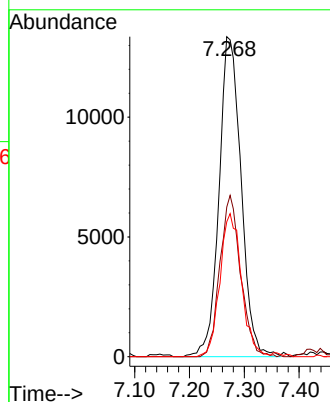
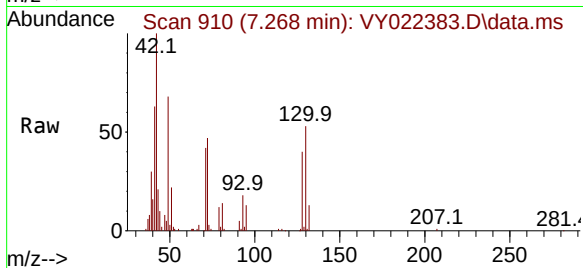
Tgt Ion: 42	Resp: 3737
Ion Ratio	Lower Upper
42	100
72	47.4 33.8 50.6
71	43.7 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 20.687 ug/l

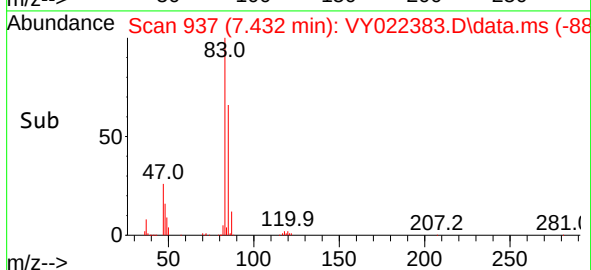
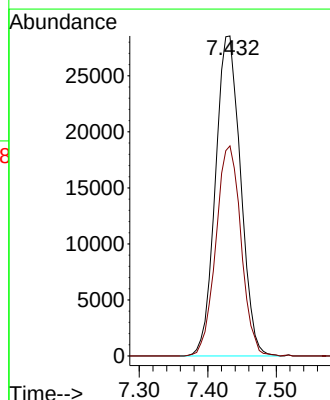
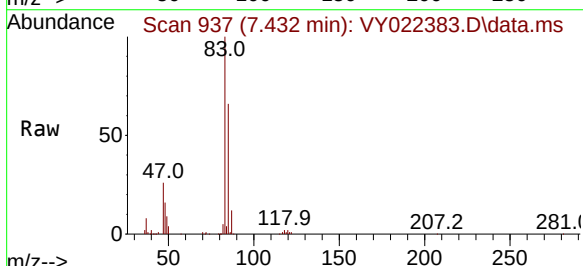
RT: 7.432 min Scan# 937

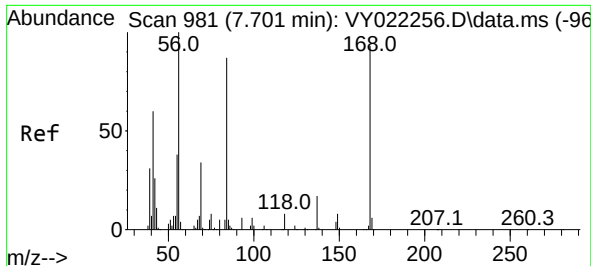
Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

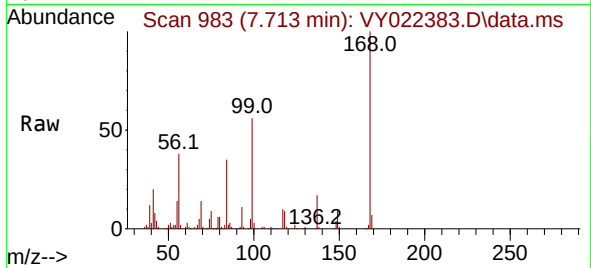
Tgt Ion: 83	Resp: 72756
Ion Ratio	Lower Upper
83	100
85	65.6 51.8 77.8





#31
Cyclohexane
Concen: 18.844 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

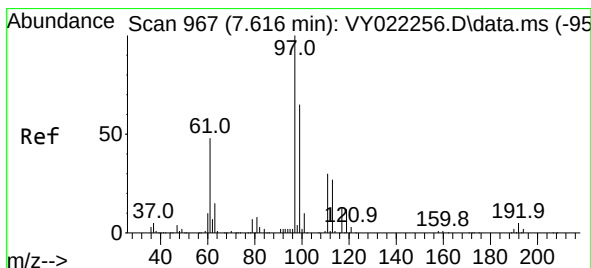
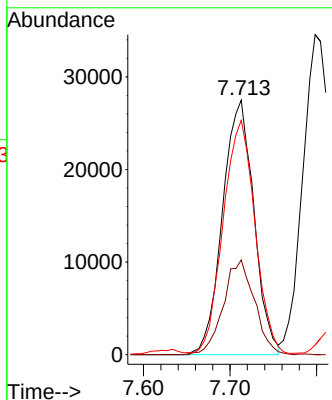
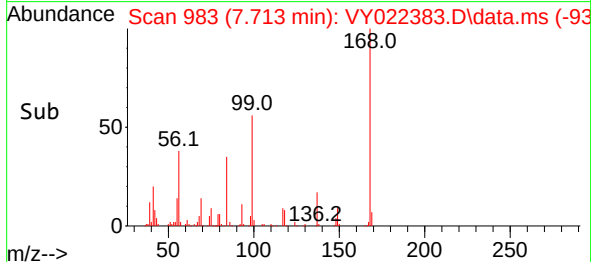
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



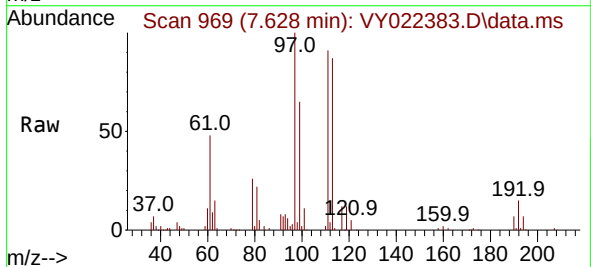
Tgt Ion: 56 Resp: 69034
Ion Ratio Lower Upper
56 100
69 37.2 27.4 41.2
84 90.8 70.0 105.0

Manual Integrations
APPROVED

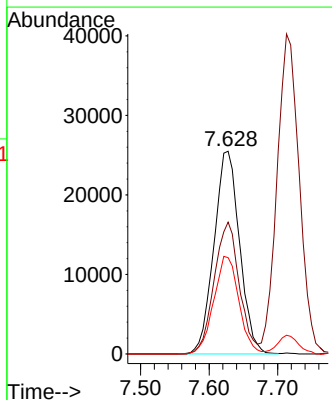
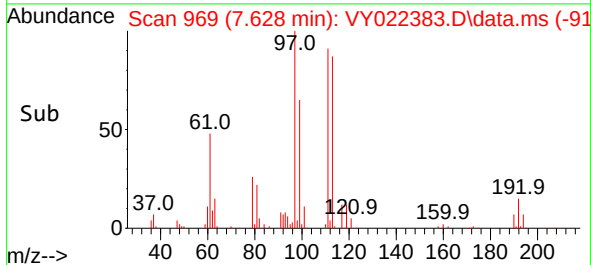
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

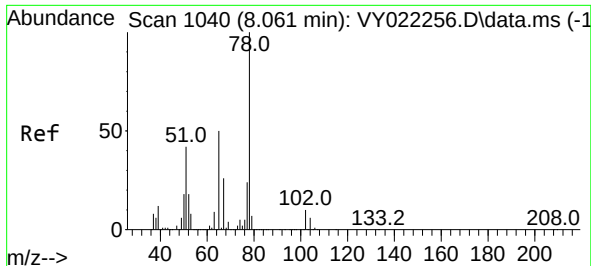


#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



Tgt Ion: 97 Resp: 66078
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 50.418 ug/l

RT: 8.073 min Scan# 1109

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

Tgt Ion: 65 Resp: 91305

Ion Ratio Lower Upper

65 100

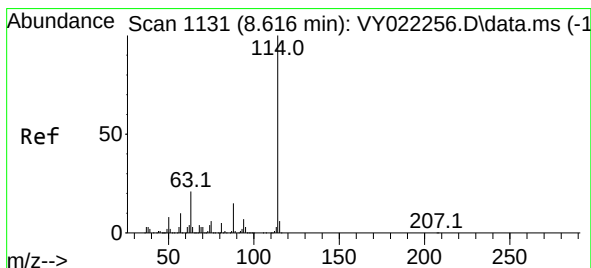
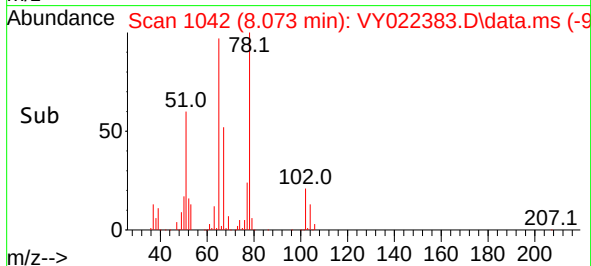
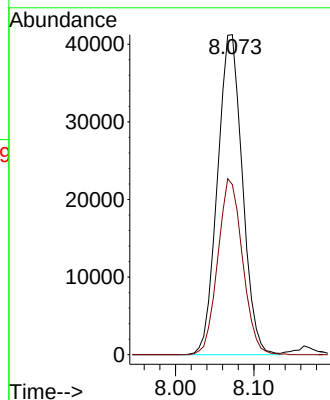
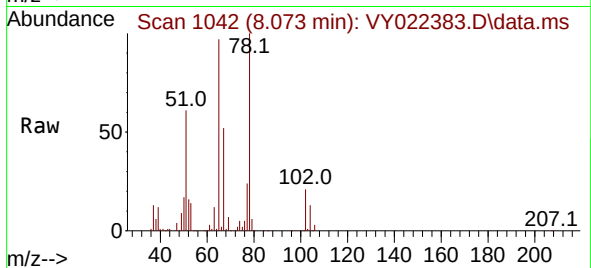
67 54.5 0.0 104.6

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: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

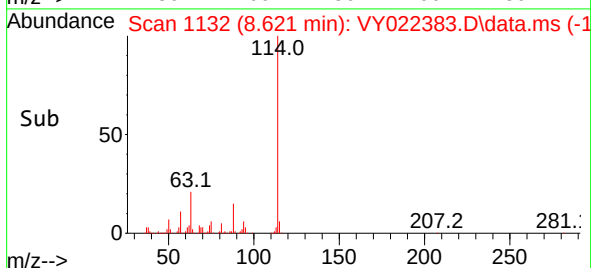
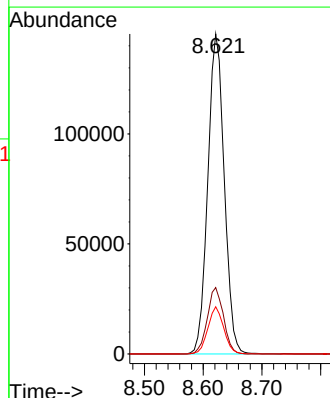
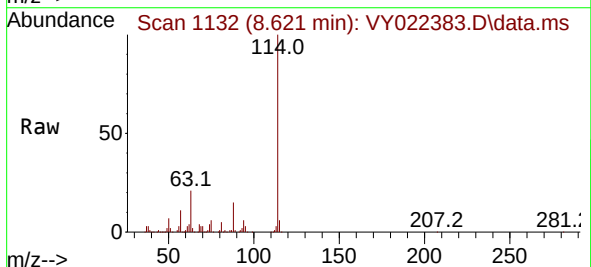
Tgt Ion:114 Resp: 283052

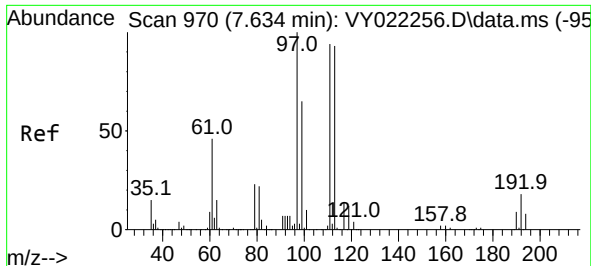
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.0

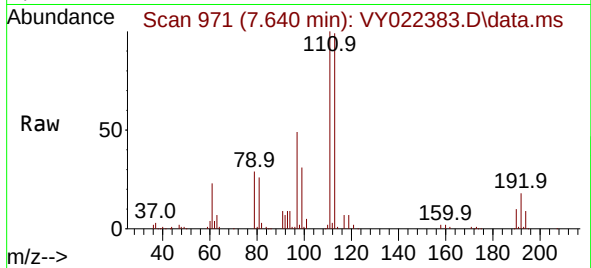
88 14.8 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.978 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

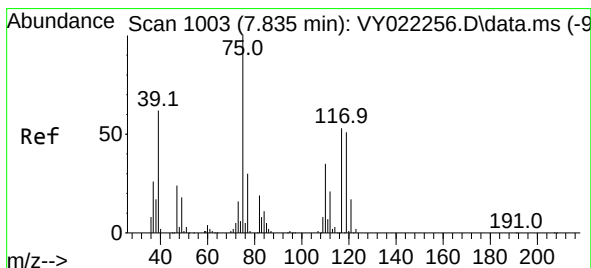
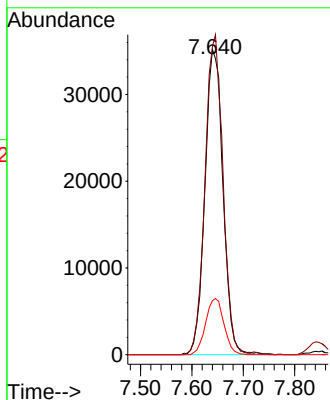
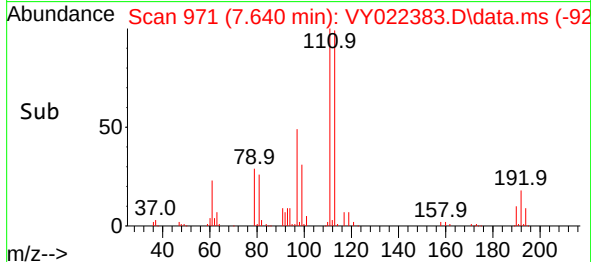
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion: 113 Resp: 86124
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.6 15.2 22.8

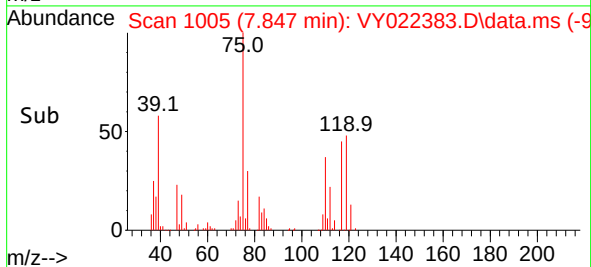
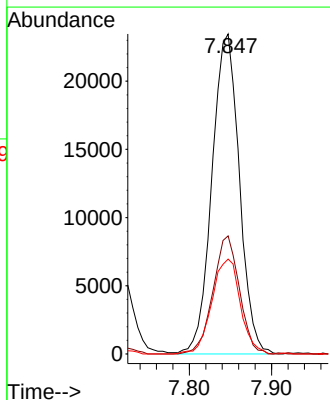
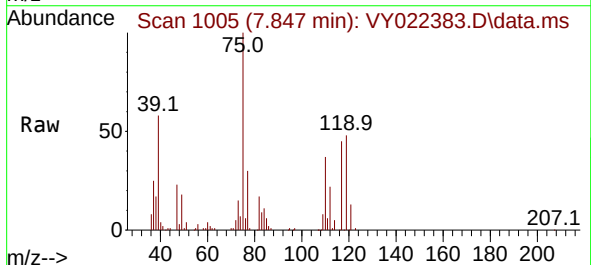
Manual Integrations
APPROVED

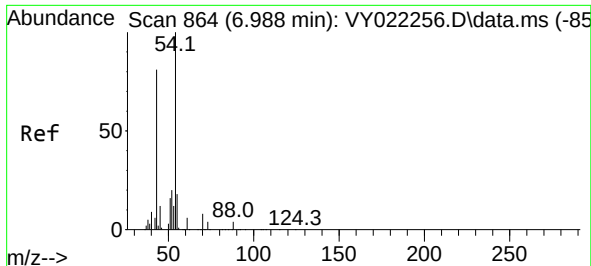
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#36
1,1-Dichloropropene
Concen: 19.537 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 75 Resp: 54364
Ion Ratio Lower Upper
75 100
110 35.4 16.6 49.8
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 20.333 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

Tgt Ion: 43 Resp: 2722

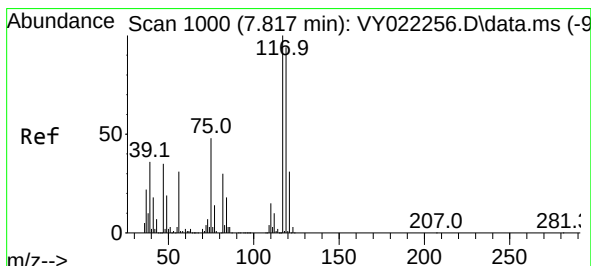
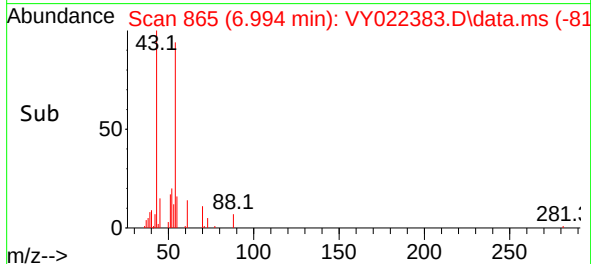
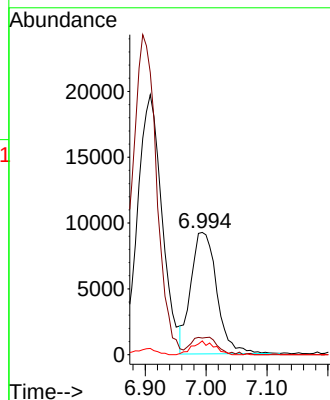
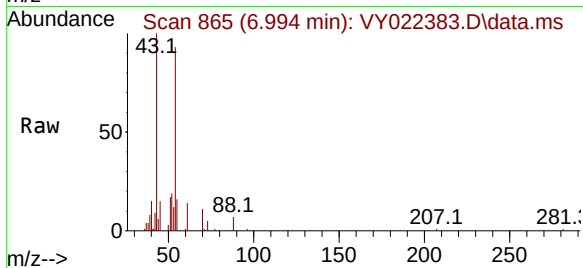
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.2	15.2
70	9.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 19.539 ug/l

RT: 7.823 min Scan# 1001

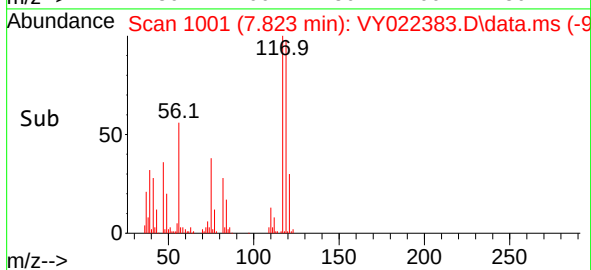
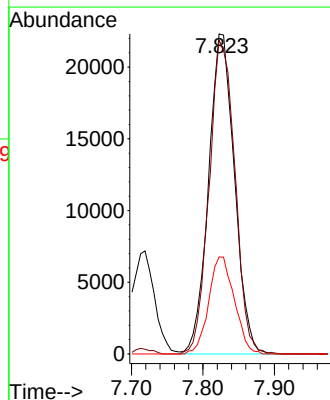
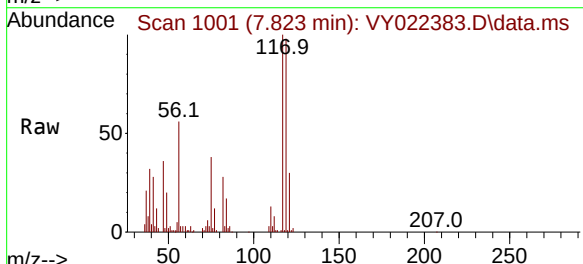
Delta R.T. 0.006 min

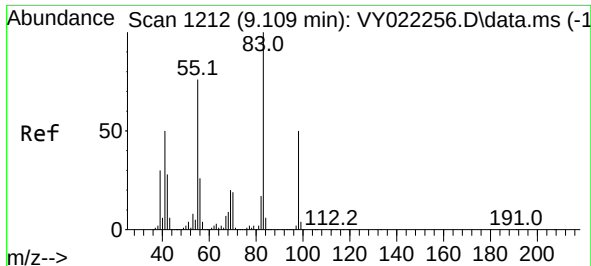
Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion:117 Resp: 56279

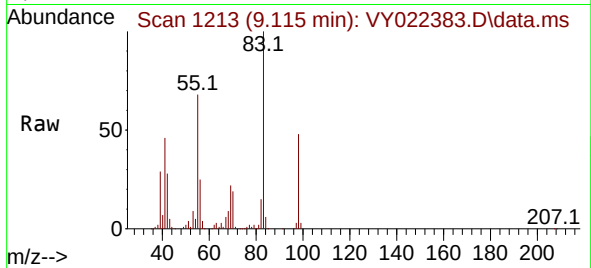
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.3	112.9
121	30.3	24.7	37.1





#39
Methylcyclohexane
Concen: 19.561 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

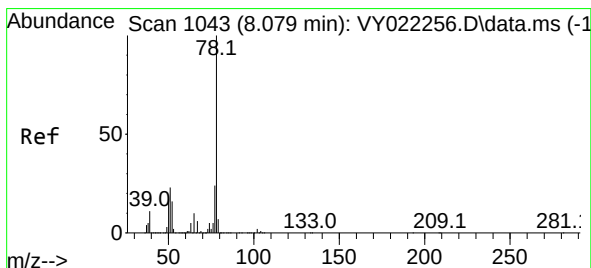
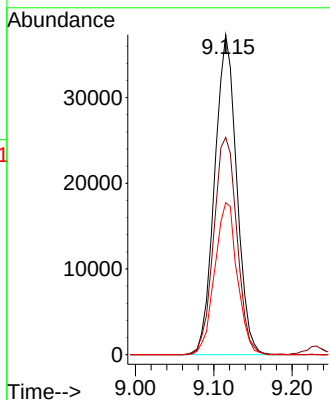
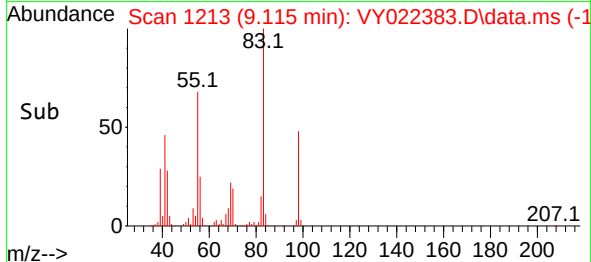
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



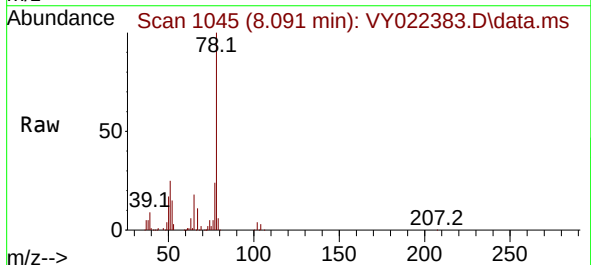
Tgt Ion: 83 Resp: 73130
Ion Ratio Lower Upper
83 100
55 67.9 60.6 90.8
98 47.5 40.0 60.0

Manual Integrations
APPROVED

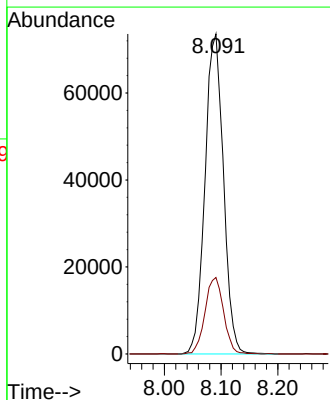
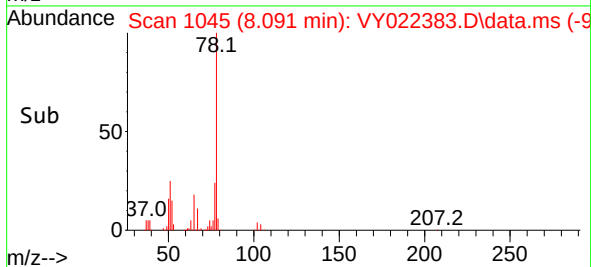
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

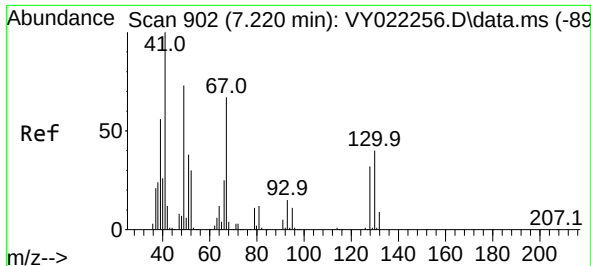


#40
Benzene
Concen: 20.124 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



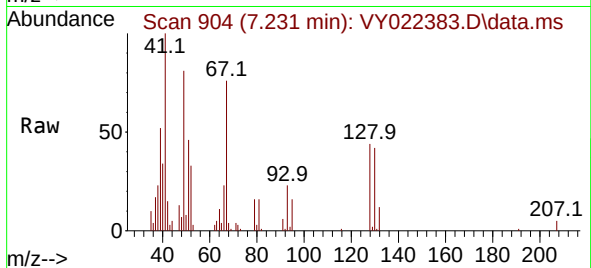
Tgt Ion: 78 Resp: 166008
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3





#41
Methacrylonitrile
Concen: 15.074 ug/l
RT: 7.231 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

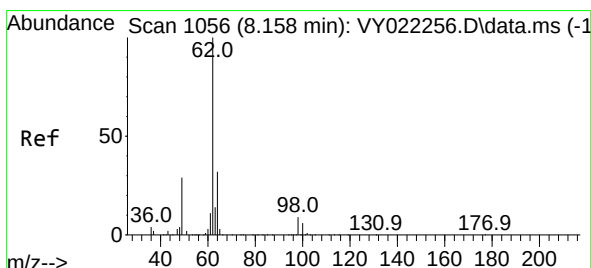
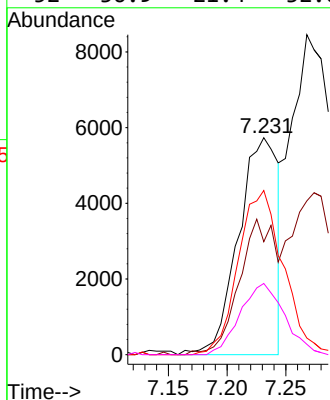
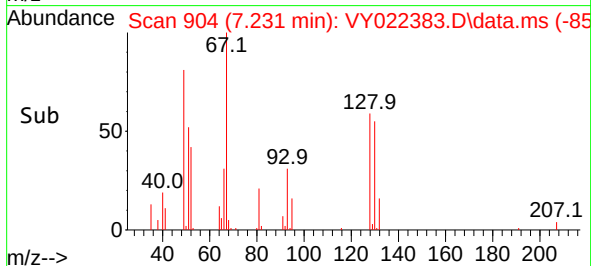
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion: 41 Resp: 1338
Ion Ratio Lower Upper
41 100
39 57.6 39.1 58.7
67 87.4 47.1 70.7
52 36.9 21.4 32.0#

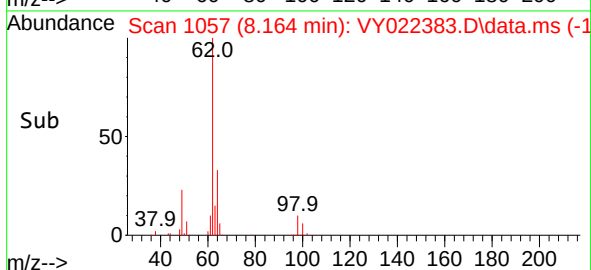
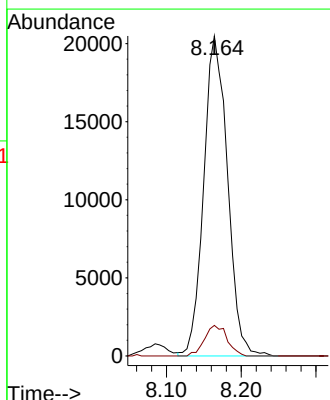
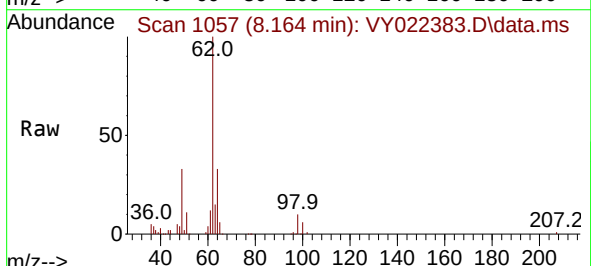
Manual Integrations
APPROVED

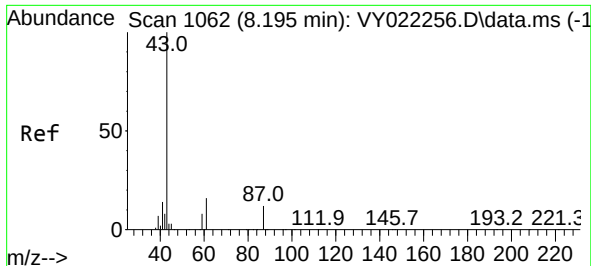
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#42
1,2-Dichloroethane
Concen: 20.330 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

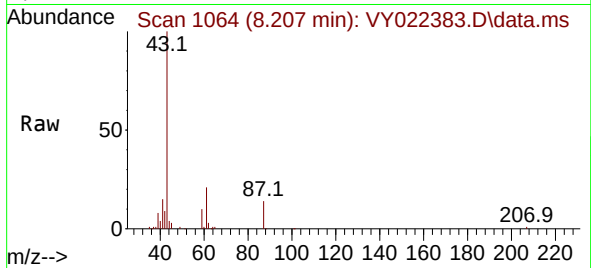
Tgt Ion: 62 Resp: 45353
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 19.101 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

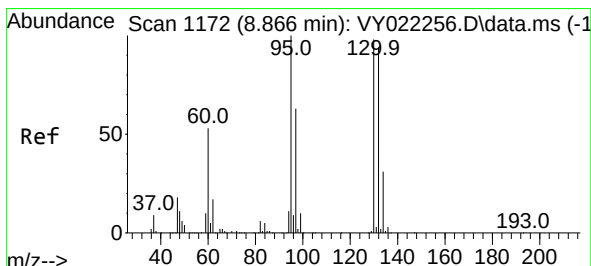
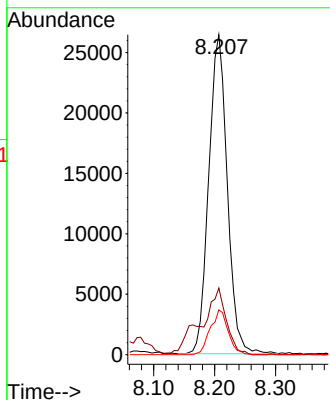
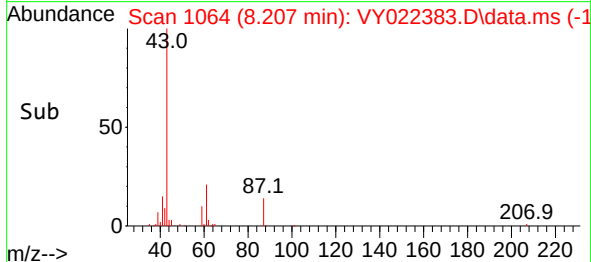
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion: 43 Resp: 55779
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 13.5 9.7 14.5

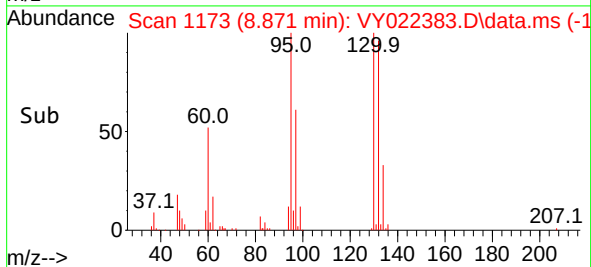
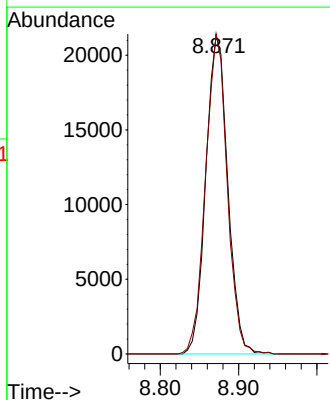
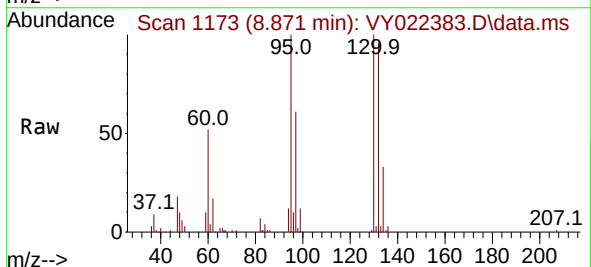
Manual Integrations
APPROVED

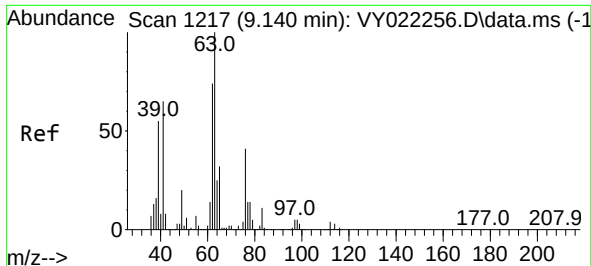
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#44
Trichloroethene
Concen: 20.257 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:130 Resp: 41551
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.675 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

Tgt Ion: 63 Resp: 3913

Ion Ratio Lower Upper

63 100

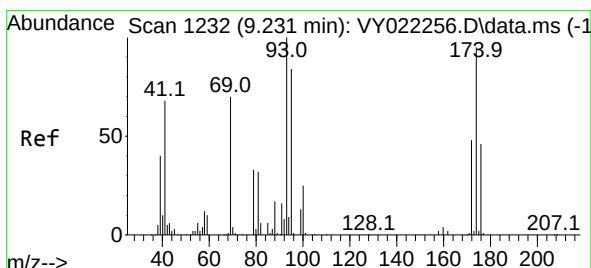
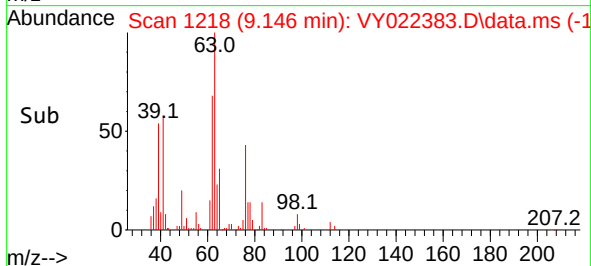
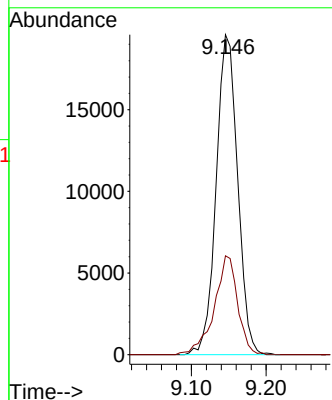
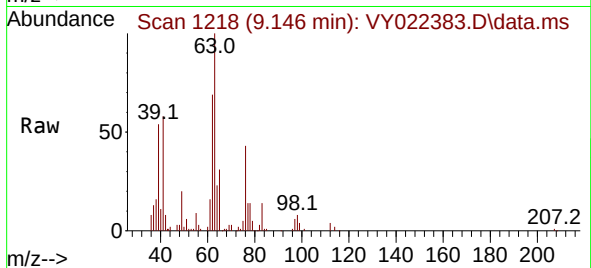
65 30.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 20.805 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

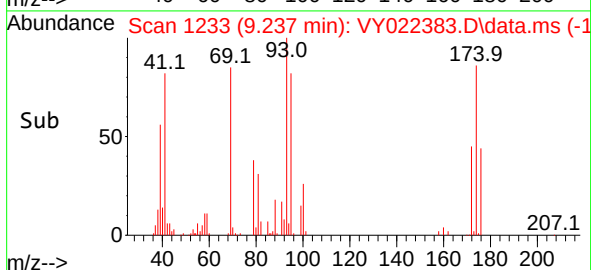
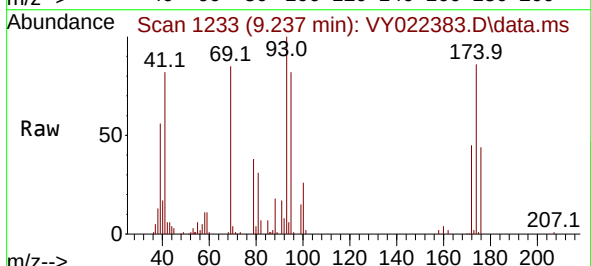
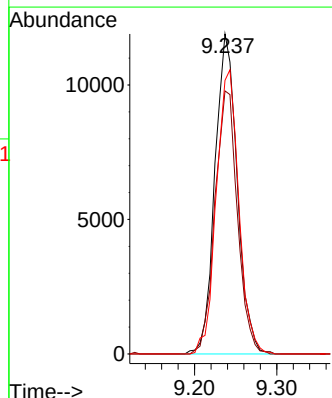
Tgt Ion: 93 Resp: 22317

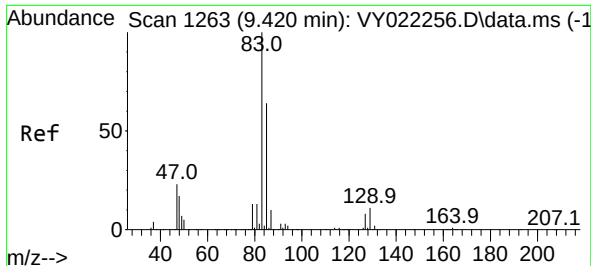
Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 89.6 74.3 111.5





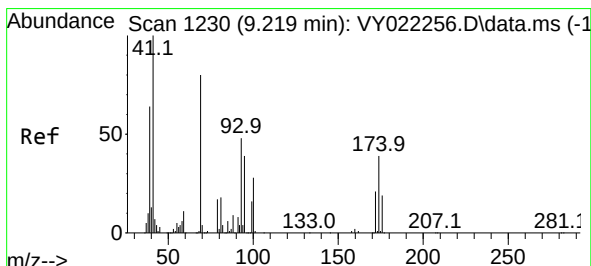
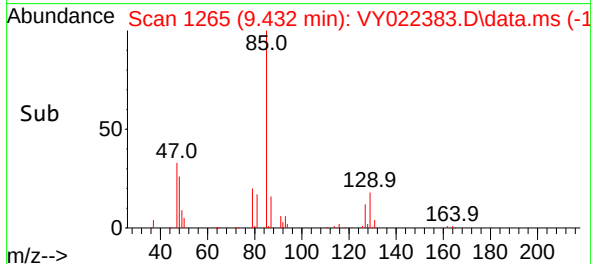
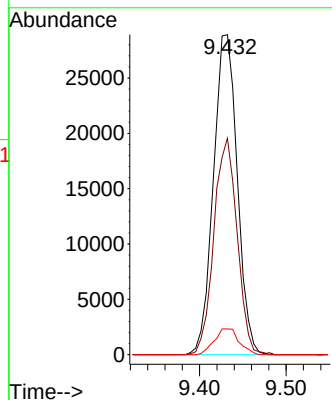
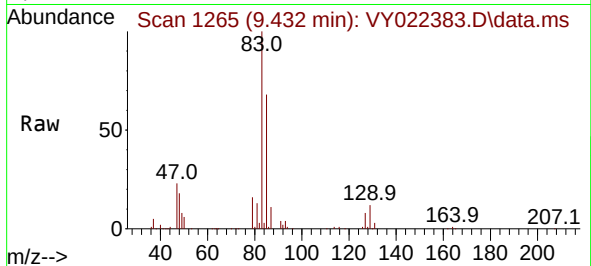
#47
Bromodichloromethane
Concen: 19.900 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion: 83 Resp: 55379
Ion Ratio Lower Upper
83 100
85 67.7 51.1 76.7
127 8.1 6.6 10.0

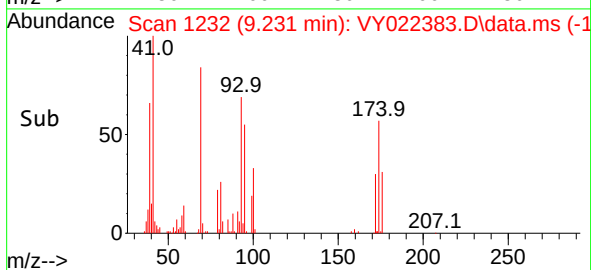
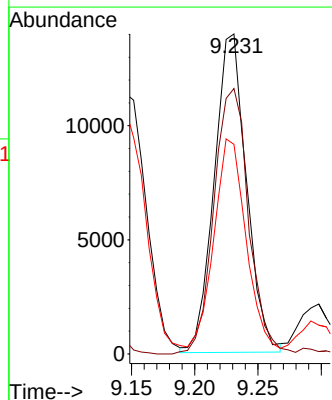
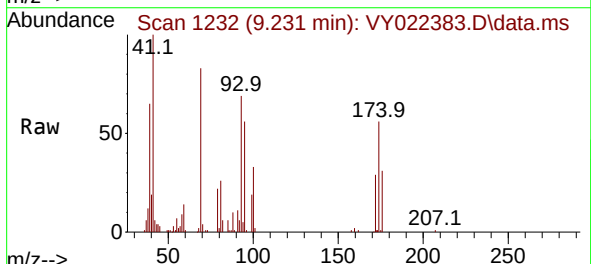
Manual Integrations
APPROVED

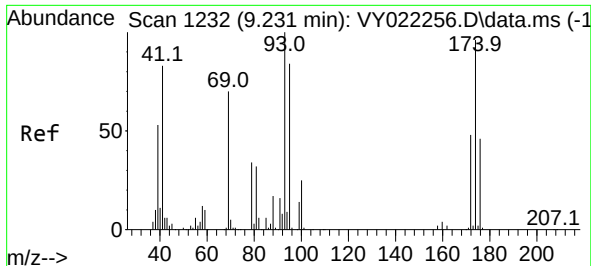
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#48
Methyl methacrylate
Concen: 18.137 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 41 Resp: 24767
Ion Ratio Lower Upper
41 100
69 89.4 63.5 95.3
39 64.7 50.8 76.2





#49

1,4-Dioxane

Concen: 418.379 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

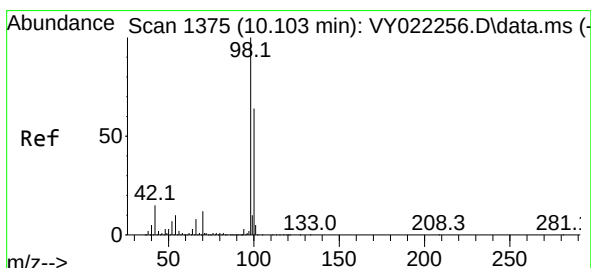
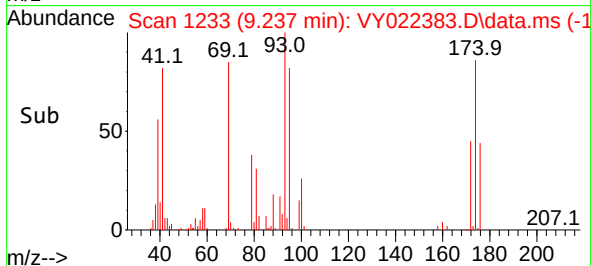
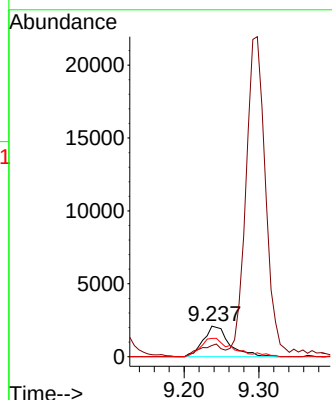
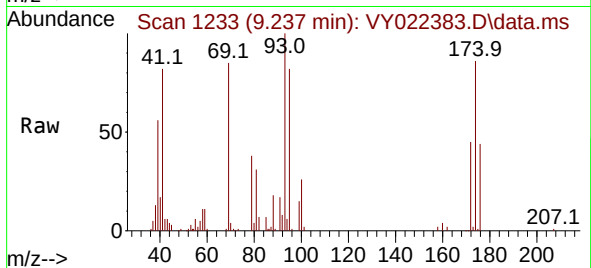
Tgt Ion: 88	Resp: 5070
Ion Ratio	Lower Upper
88 100	
43 35.6	28.5 42.7
58 68.2	61.4 92.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#50

Toluene-d8

Concen: 49.856 ug/l

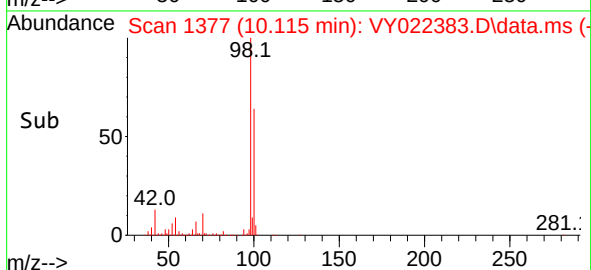
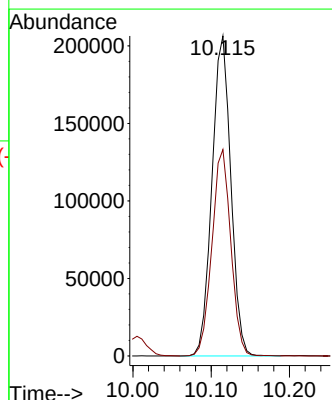
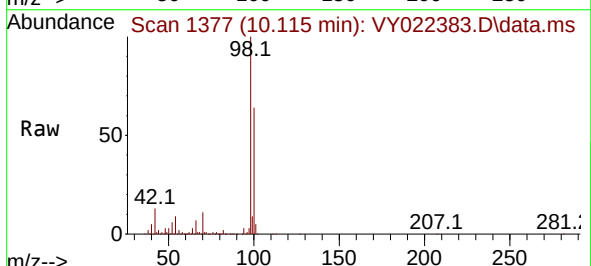
RT: 10.115 min Scan# 1377

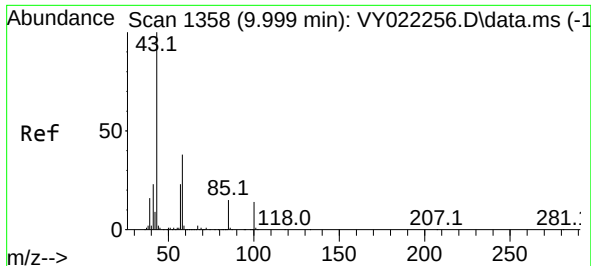
Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

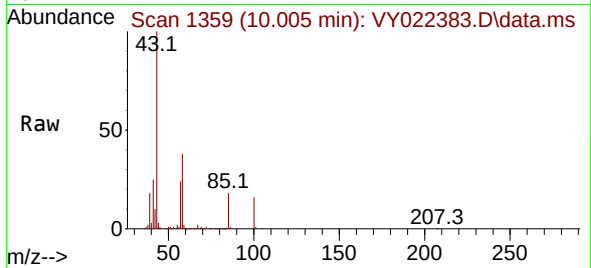
Tgt Ion: 98	Resp: 344960
Ion Ratio	Lower Upper
98 100	
100 64.7	51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 97.604 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

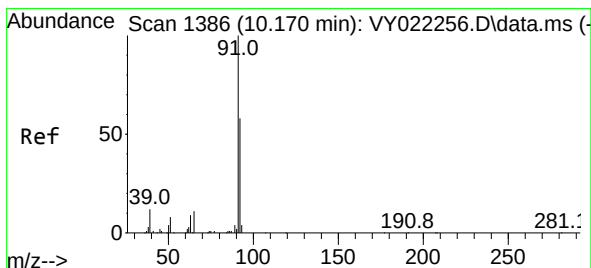
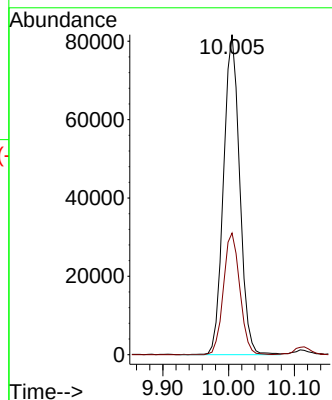
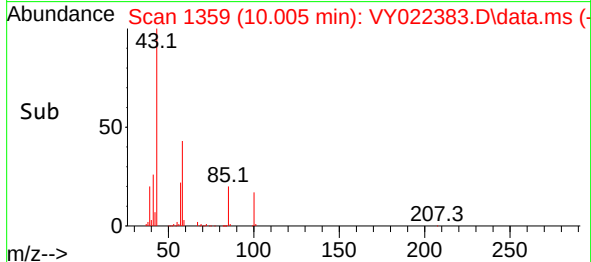
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



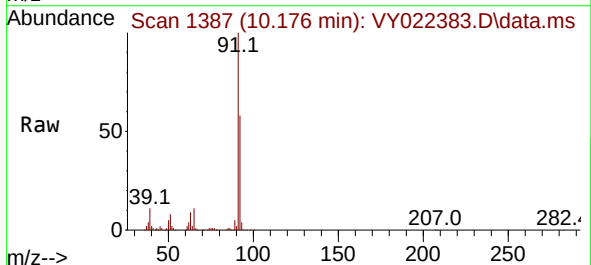
Tgt Ion: 43 Resp: 139840
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.2

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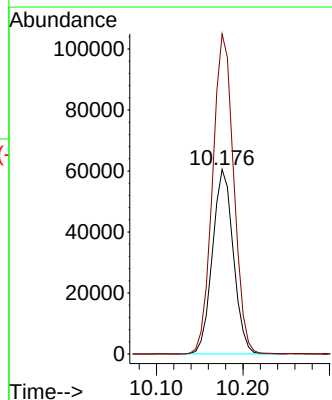
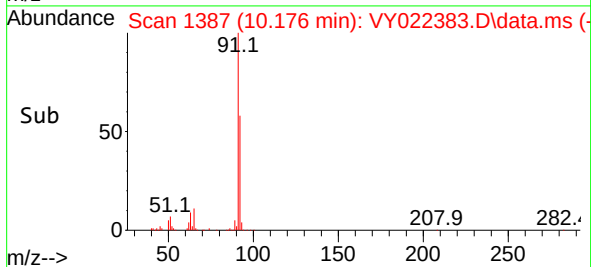
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

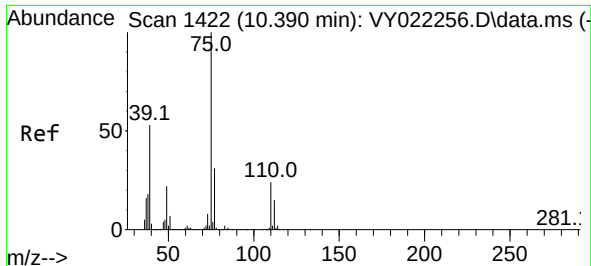


#52
Toluene
Concen: 19.375 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



Tgt Ion: 92 Resp: 101209
Ion Ratio Lower Upper
92 100
91 175.8 139.1 208.7





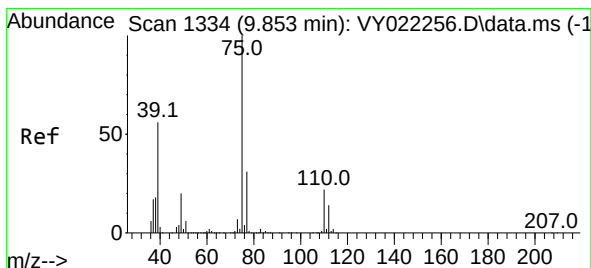
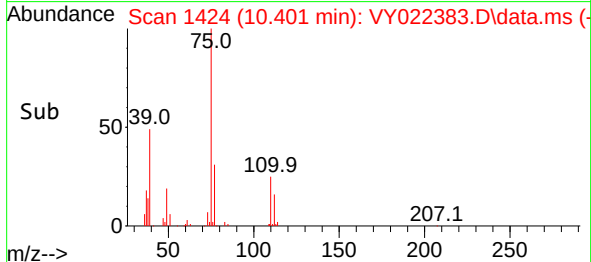
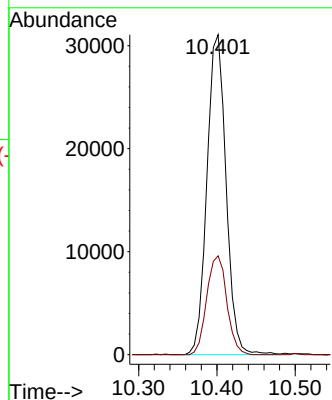
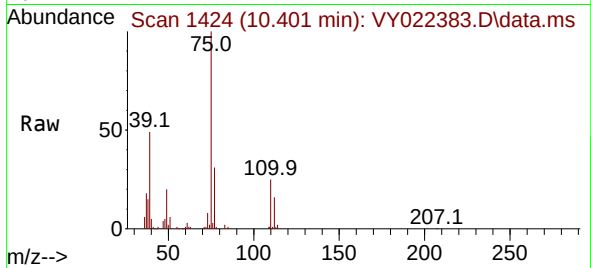
#53
 t-1,3-Dichloropropene
 Concen: 19.383 ug/l
 RT: 10.401 min Scan# 1424
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

Tgt Ion: 75 Resp: 5264
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6

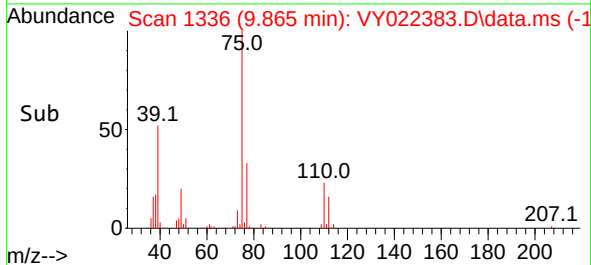
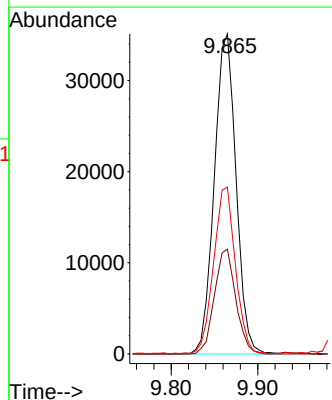
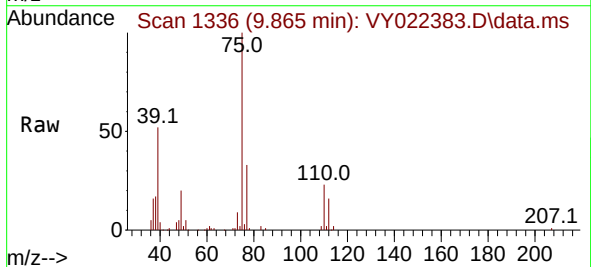
Manual Integrations
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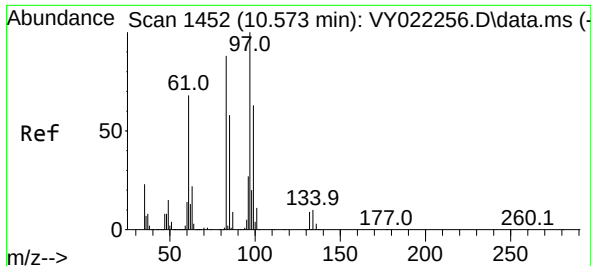
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.697 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

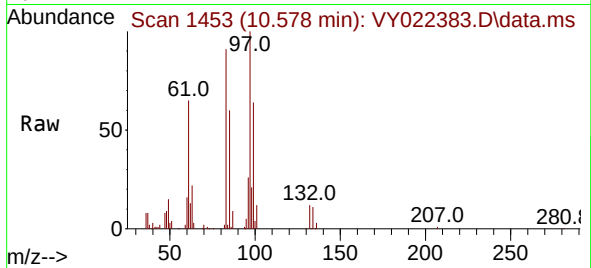
Tgt Ion: 75 Resp: 61287
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.1 37.7
 39 52.0 44.5 66.7





#55
 1,1,2-Trichloroethane
 Concen: 20.813 ug/l
 RT: 10.578 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

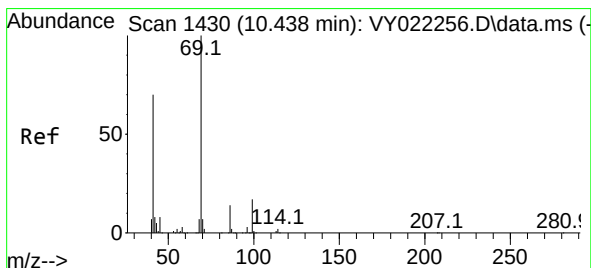
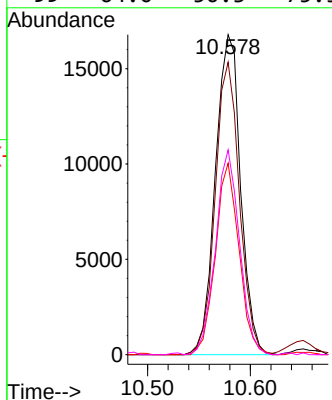
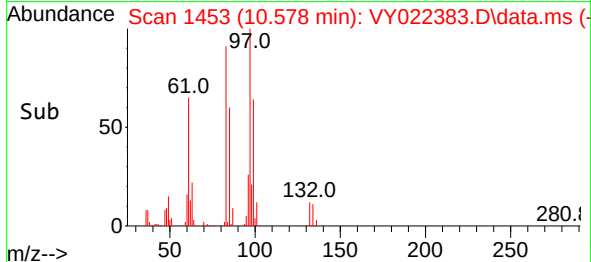
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01



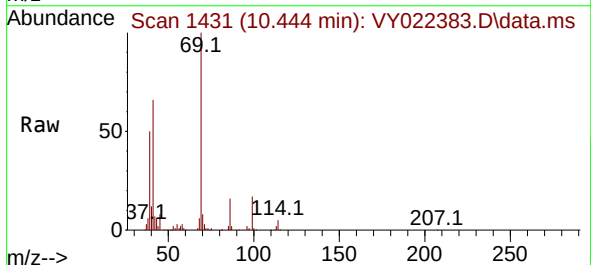
Tgt Ion: 97 Resp: 28589
 Ion Ratio Lower Upper
 97 100
 83 91.4 70.3 105.5
 85 59.9 46.2 69.4
 99 64.0 50.3 75.5

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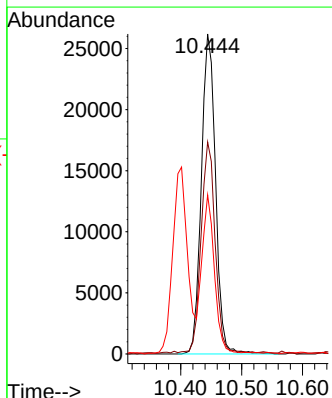
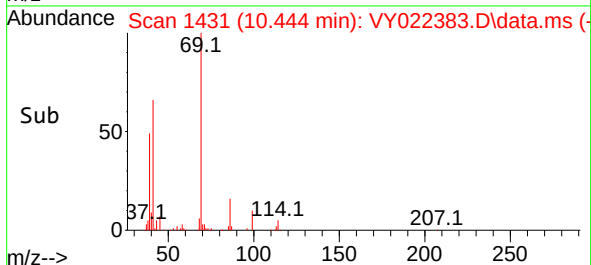
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

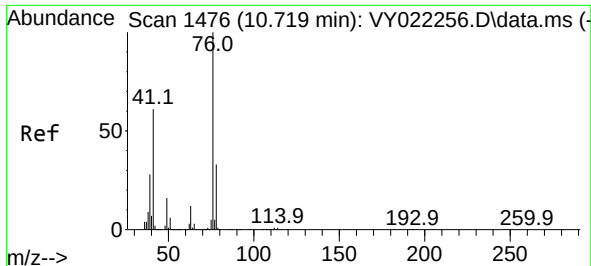


#56
 Ethyl methacrylate
 Concen: 19.818 ug/l
 RT: 10.444 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59



Tgt Ion: 69 Resp: 42404
 Ion Ratio Lower Upper
 69 100
 41 64.8 56.5 84.7
 39 42.9 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.692 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

Tgt Ion: 76 Resp: 50498

Ion Ratio Lower Upper

76 100

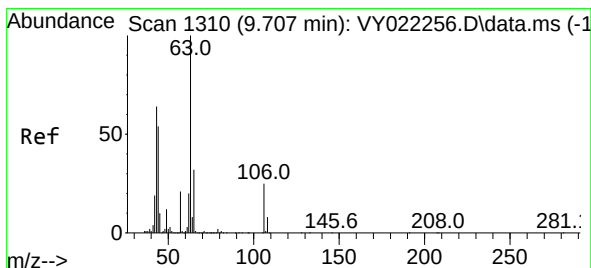
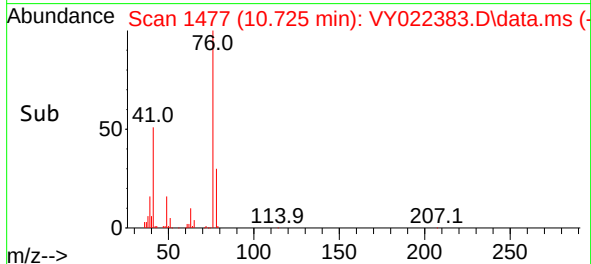
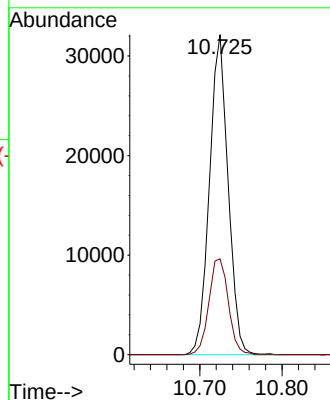
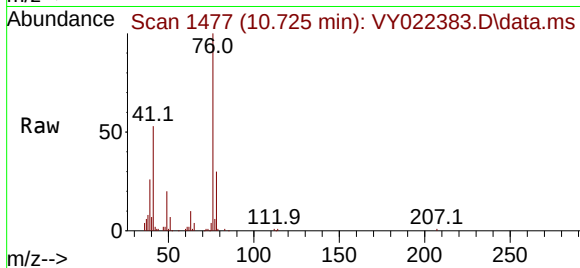
78 31.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 87.274 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022383.D

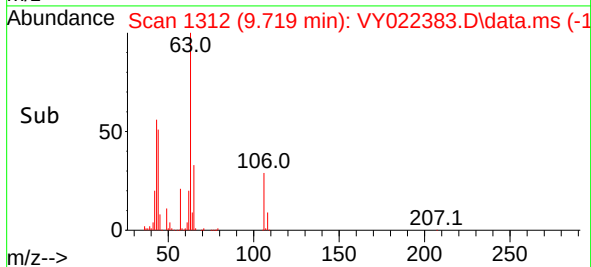
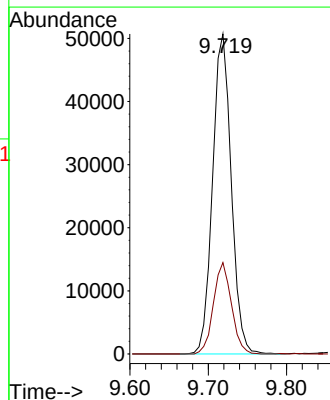
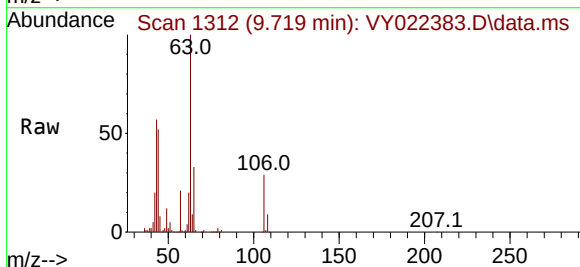
Acq: 22 May 2025 09:59

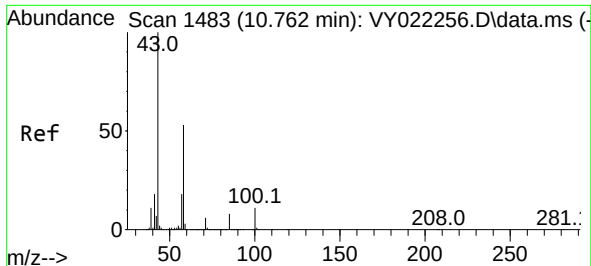
Tgt Ion: 63 Resp: 83817

Ion Ratio Lower Upper

63 100

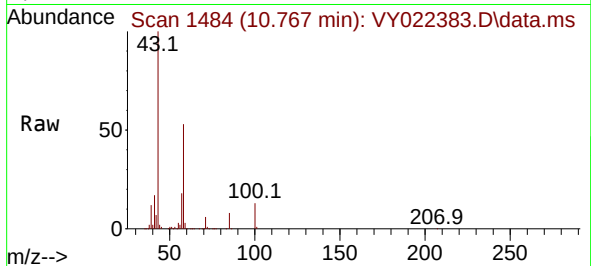
106 27.5 21.0 31.4





#59
2-Hexanone
Concen: 95.660 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

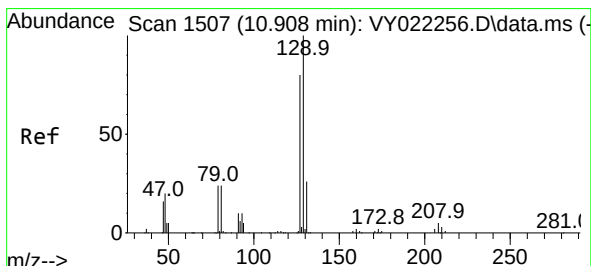
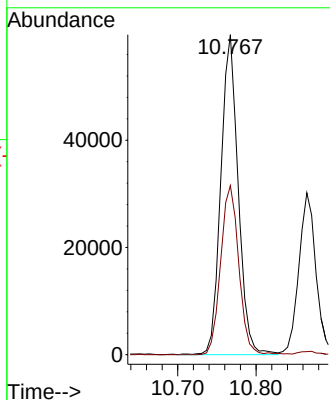
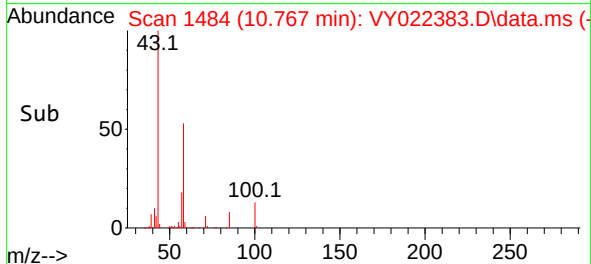
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion: 43 Resp: 9189
Ion Ratio Lower Upper
43 100
58 55.2 26.1 78.3

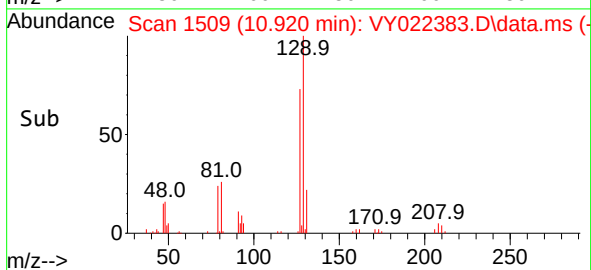
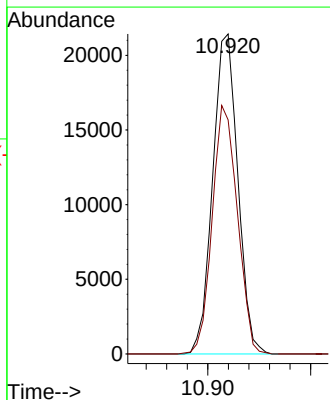
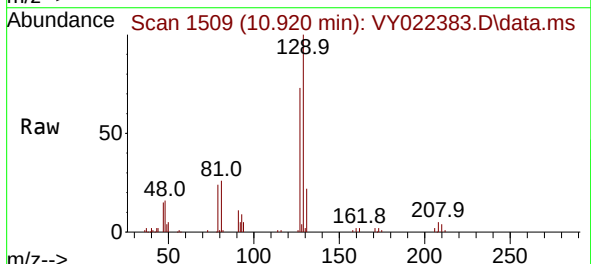
Manual Integrations
APPROVED

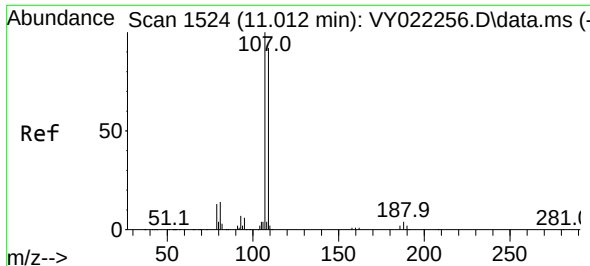
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 20.356 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

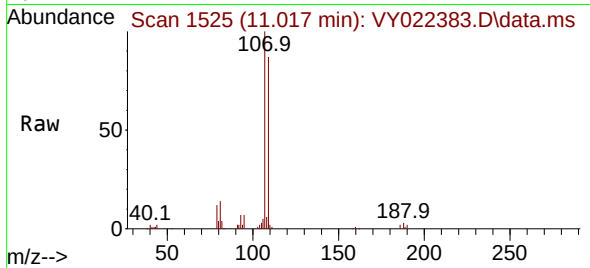
Tgt Ion:129 Resp: 36293
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.248 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

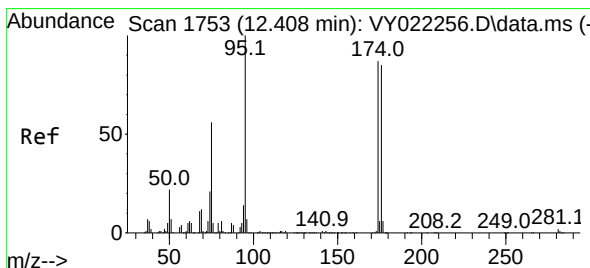
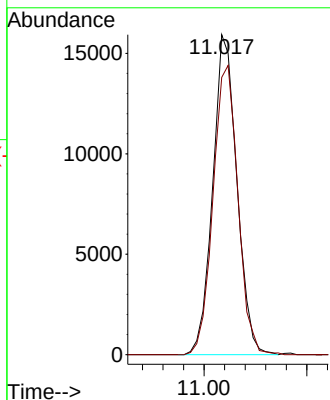
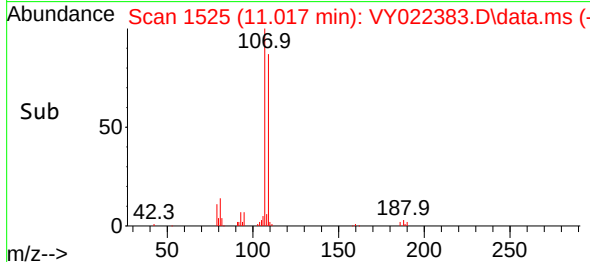
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



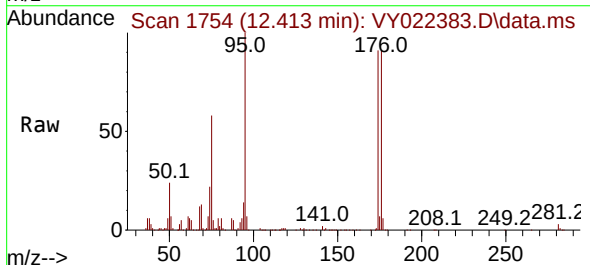
Tgt Ion:107 Resp: 2592
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8

Manual Integrations
APPROVED

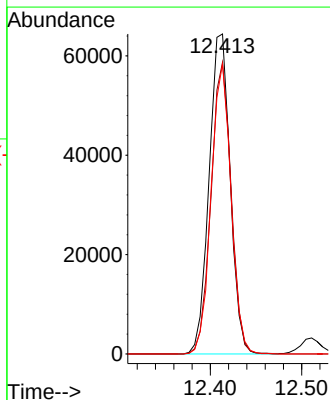
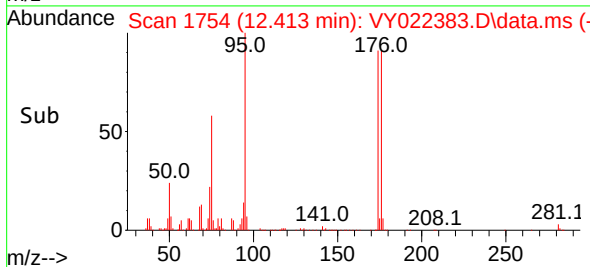
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

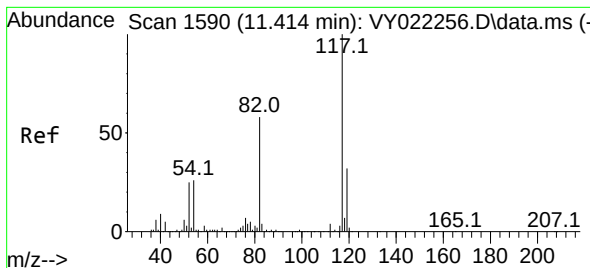


#62
4-Bromofluorobenzene
Concen: 47.068 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



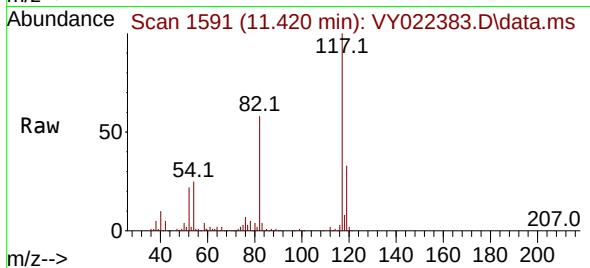
Tgt Ion: 95 Resp: 103227
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.8
176 85.4 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

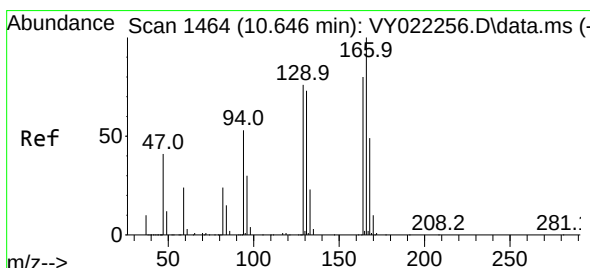
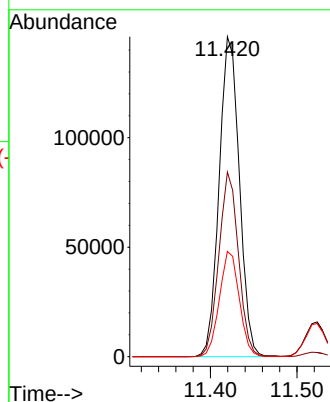
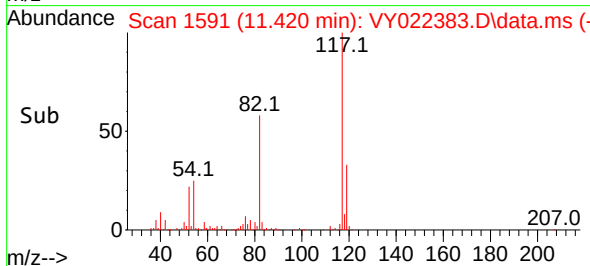
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



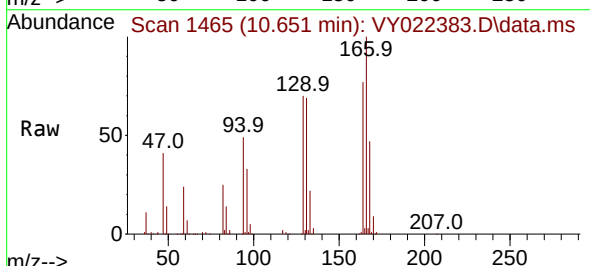
Tgt Ion:117 Resp: 23694
Ion Ratio Lower Upper
117 100
82 57.7 46.6 70.0
119 32.9 25.8 38.6

Manual Integrations
APPROVED

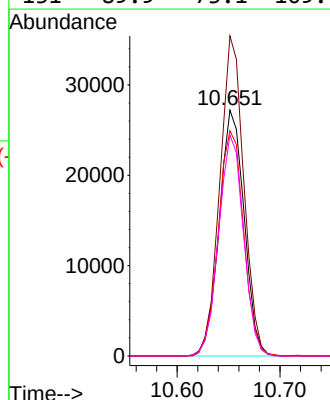
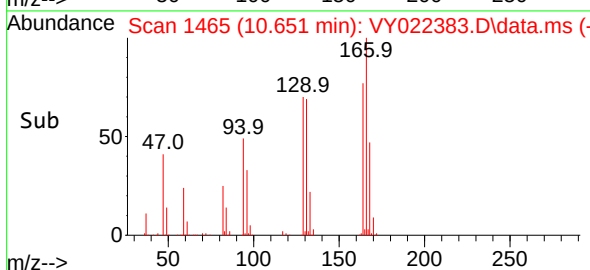
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

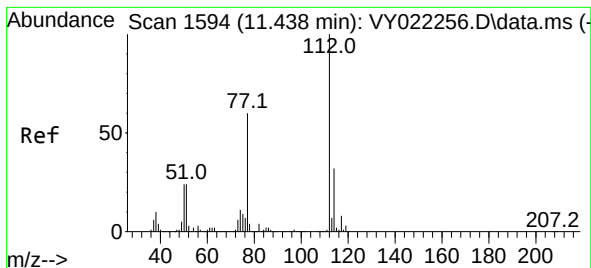


#64
Tetrachloroethene
Concen: 20.889 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



Tgt Ion:164 Resp: 45749
Ion Ratio Lower Upper
164 100
166 130.2 100.4 150.6
129 91.6 76.4 114.6
131 89.9 73.1 109.7





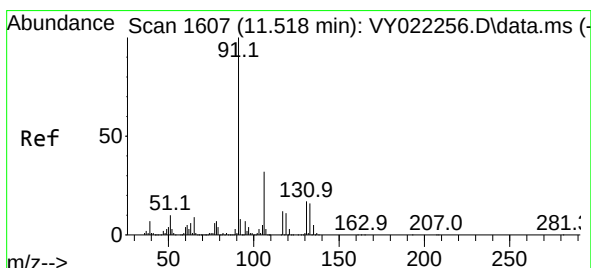
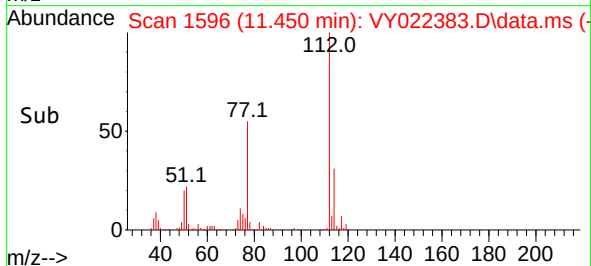
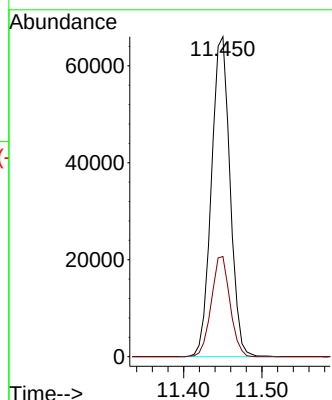
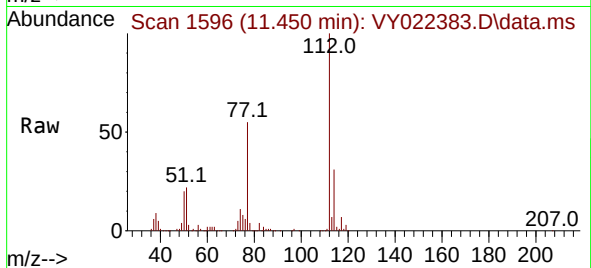
#65
Chlorobenzene
Concen: 20.365 ug/l
RT: 11.450 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion:112 Resp: 10886
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

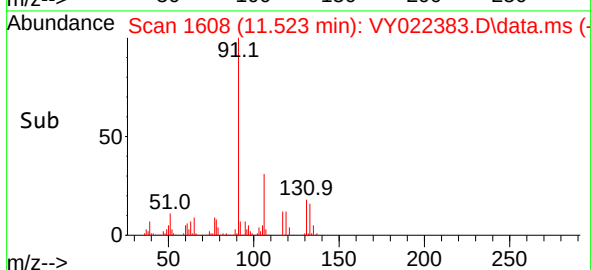
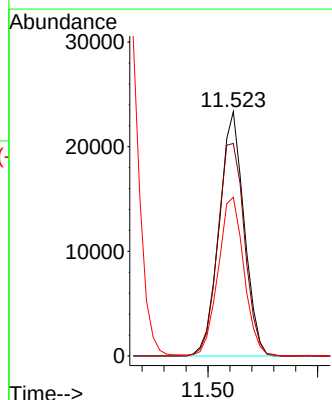
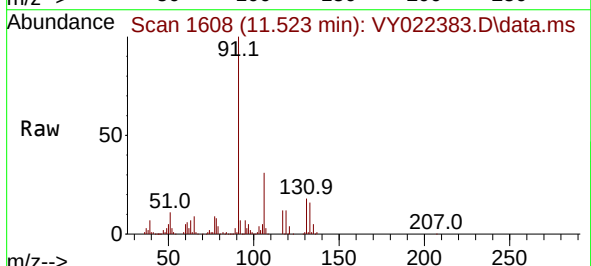
Manual Integrations
APPROVED

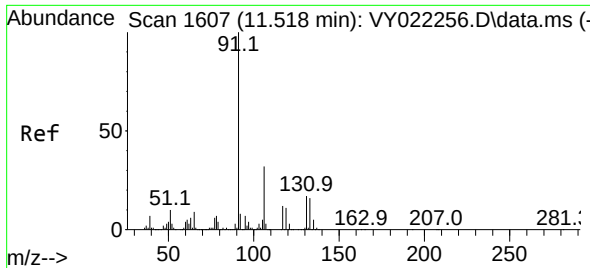
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.072 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:131 Resp: 36887
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.9
119 67.2 33.1 99.2





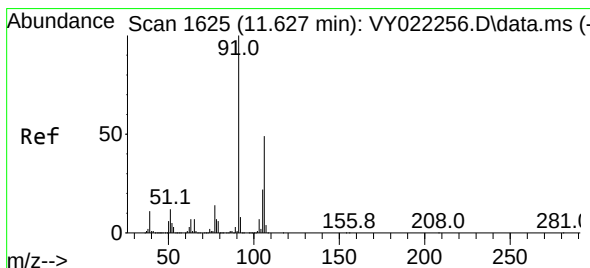
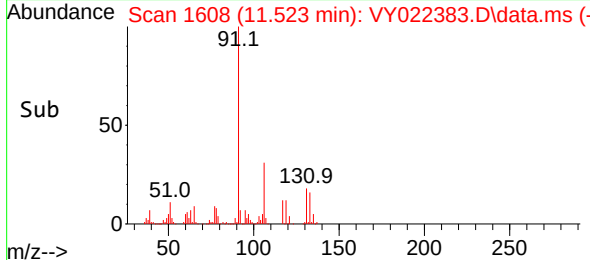
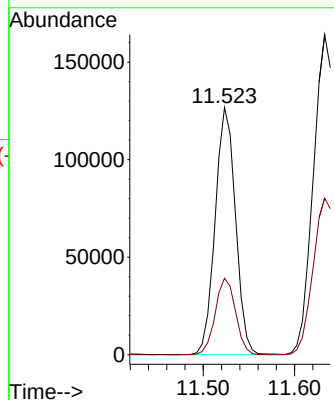
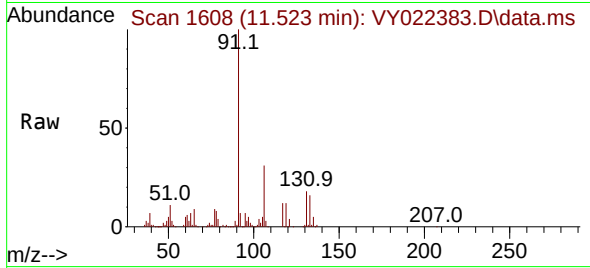
#67
Ethyl Benzene
Concen: 19.596 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion: 91 Resp: 196180
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

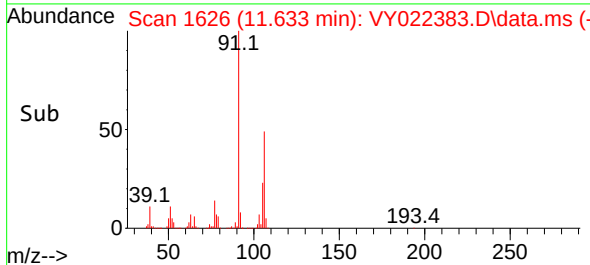
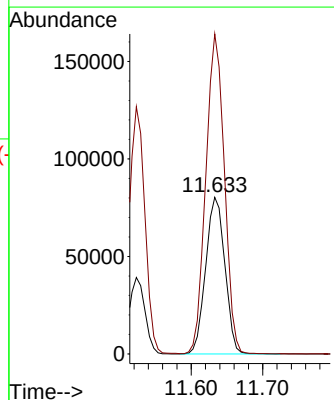
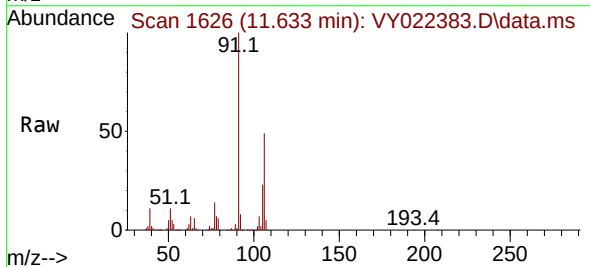
Manual Integrations
APPROVED

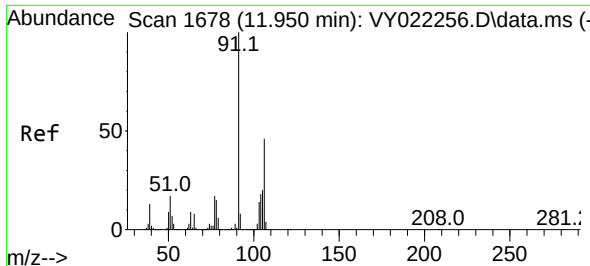
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#68
m/p-Xylenes
Concen: 39.722 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:106 Resp: 149849
Ion Ratio Lower Upper
106 100
91 197.5 163.0 244.4





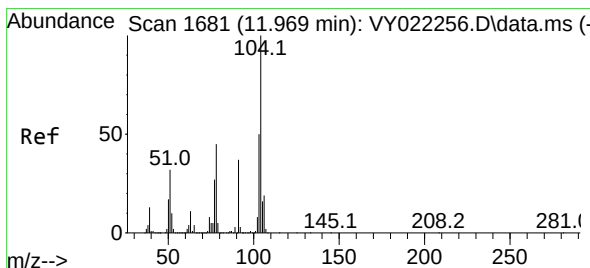
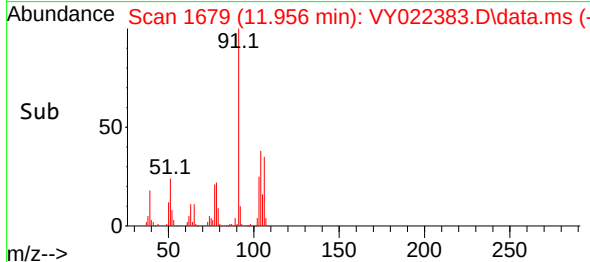
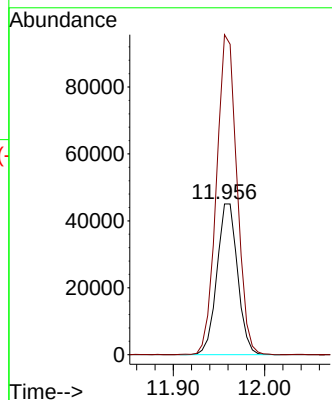
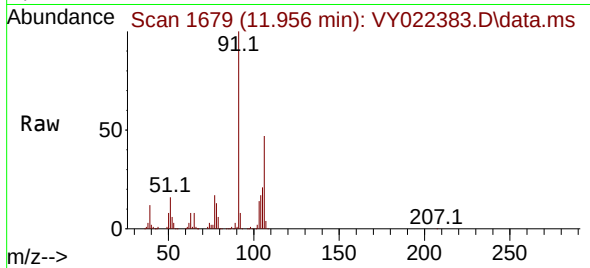
#69
o-Xylene
Concen: 19.838 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion:106 Resp: 70807
Ion Ratio Lower Upper
106 100
91 210.0 108.3 324.8

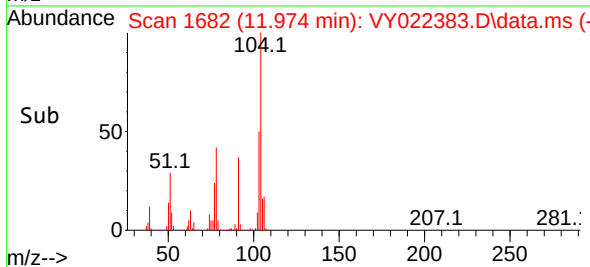
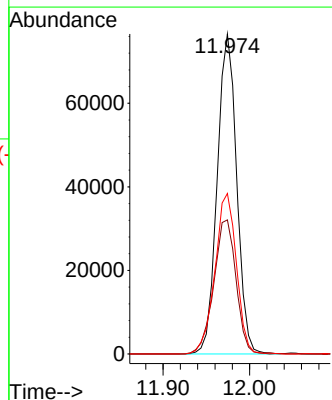
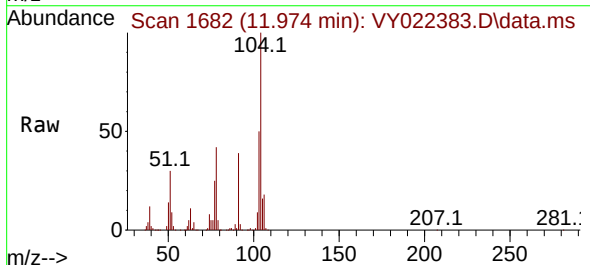
Manual Integrations
APPROVED

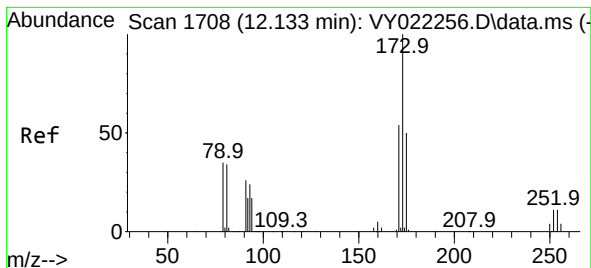
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 19.899 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:104 Resp: 119807
Ion Ratio Lower Upper
104 100
78 47.8 40.9 61.3
103 55.3 43.7 65.5





#71

Bromoform

Concen: 20.810 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

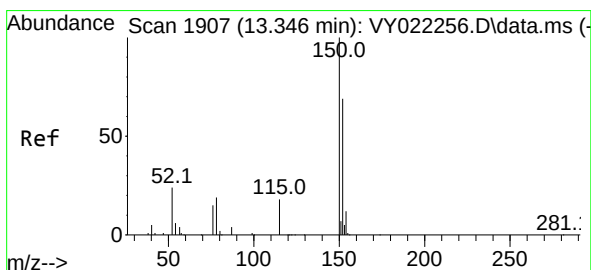
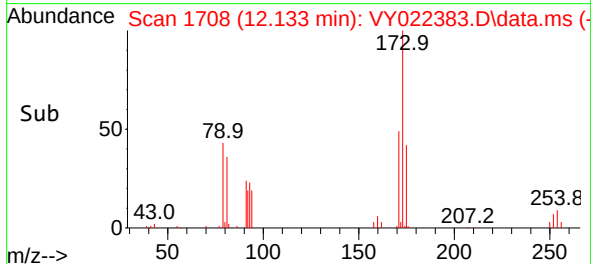
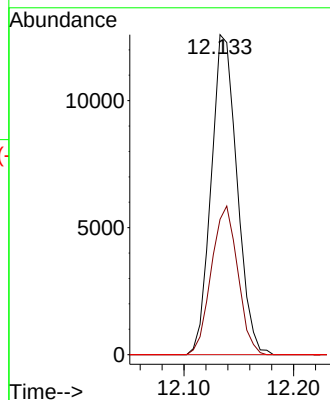
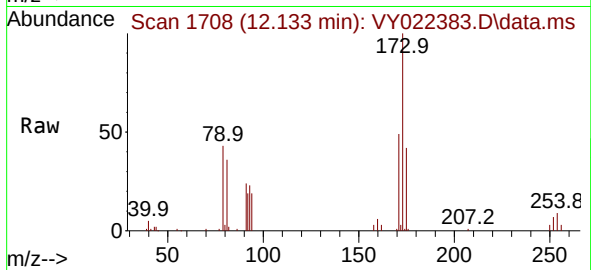
Tgt Ion:	173	Resp:	2064
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.7	74.1
254	0.0	0.0	0.0

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

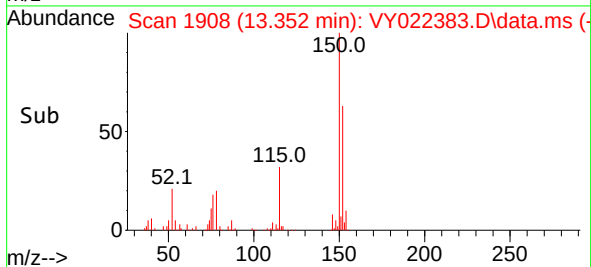
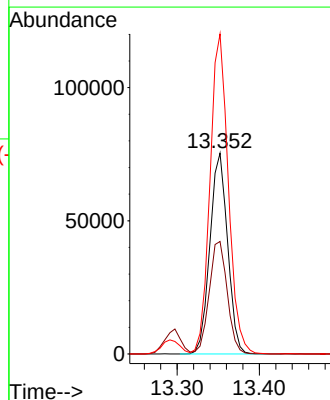
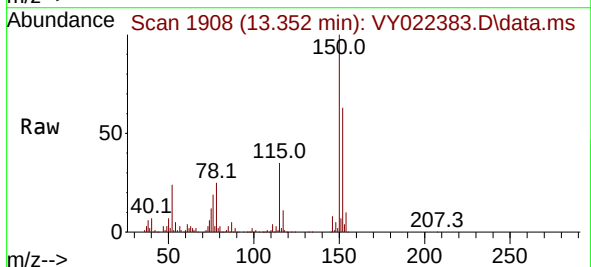
RT: 13.352 min Scan# 1908

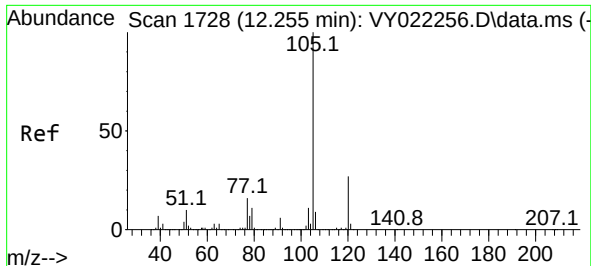
Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion:	152	Resp:	112772
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.4	88.2
150	164.6	0.0	353.8





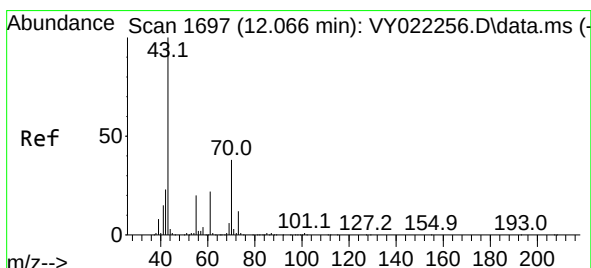
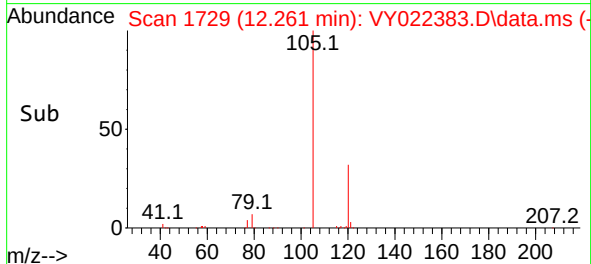
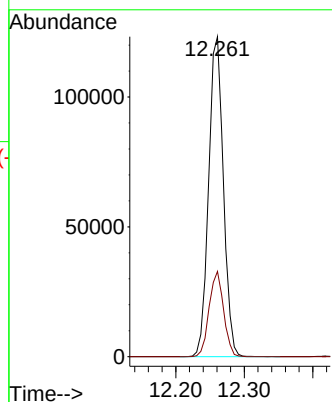
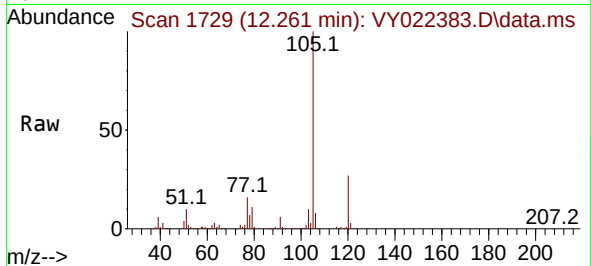
#73
Isopropylbenzene
Concen: 19.712 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion:105 Resp: 184158
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

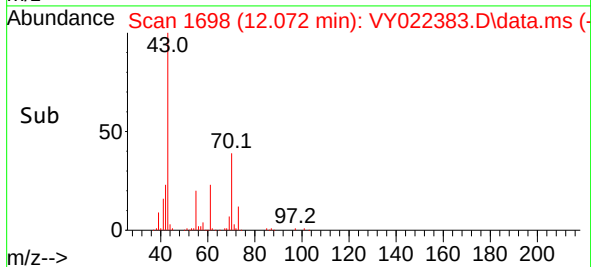
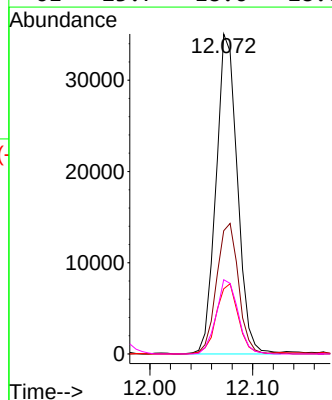
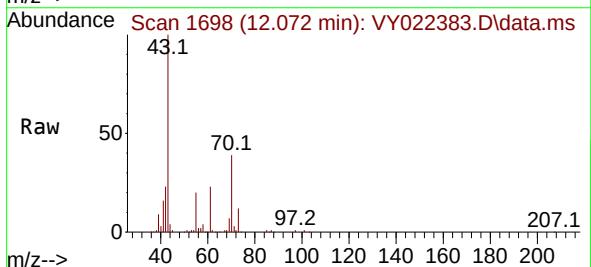
Manual Integrations
APPROVED

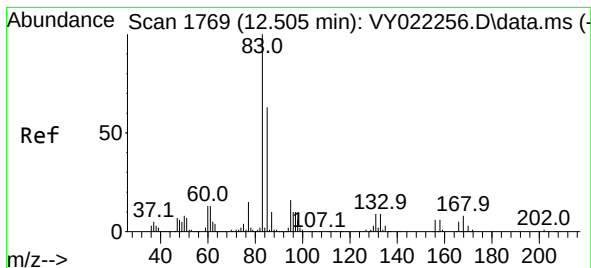
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#74
N-ethyl acetate
Concen: 18.922 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 43 Resp: 50559
Ion Ratio Lower Upper
43 100
70 42.1 31.4 47.0
55 22.5 17.0 25.6
61 23.7 18.6 28.0





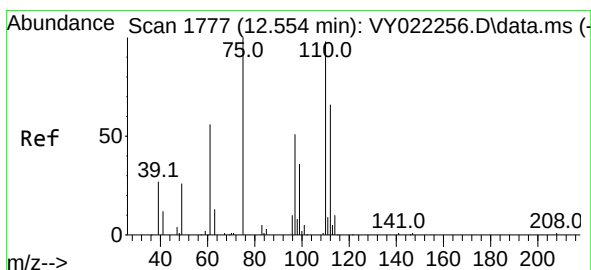
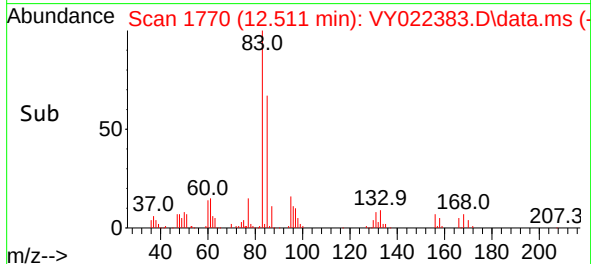
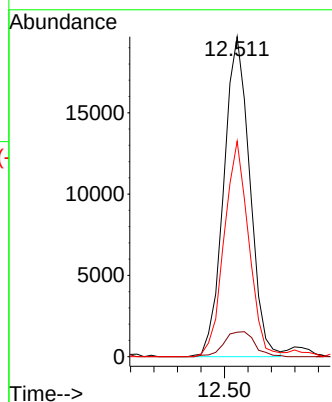
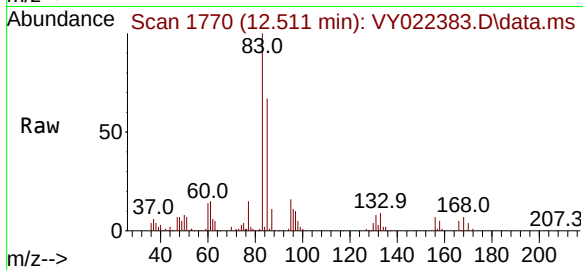
#75
1,1,2,2-Tetrachloroethane
Concen: 21.069 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tgt Ion: 83 Resp: 3027
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.7
85 63.7 32.0 96.0

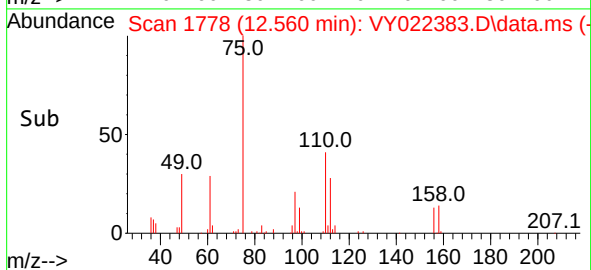
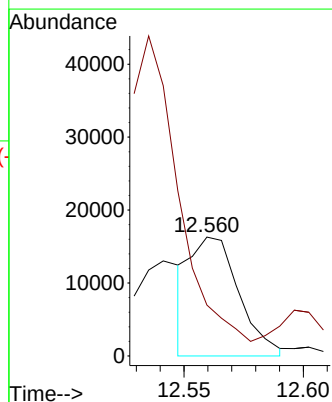
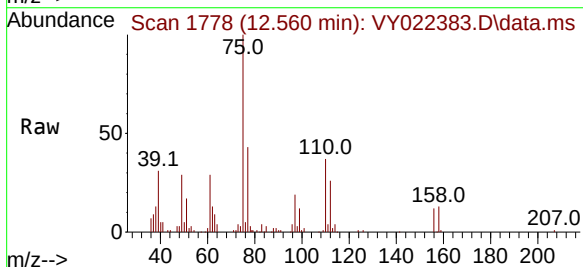
Manual Integrations
APPROVED

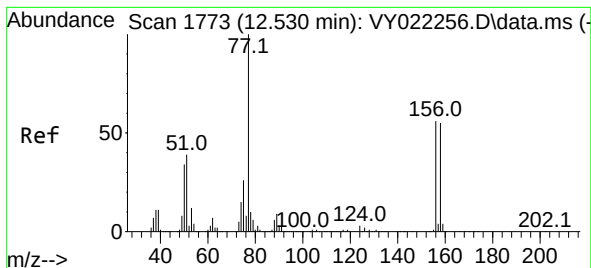
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#76
1,2,3-Trichloropropane
Concen: 20.309 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 75 Resp: 23203
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.008 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022383.D

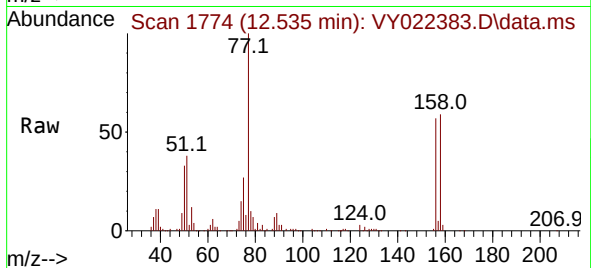
Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01



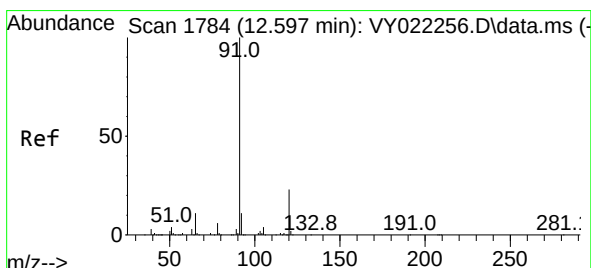
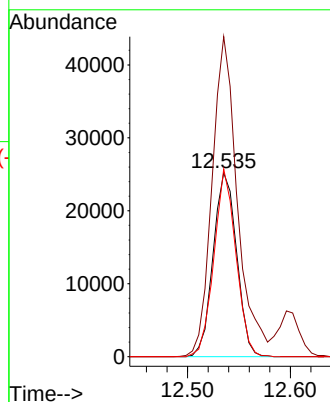
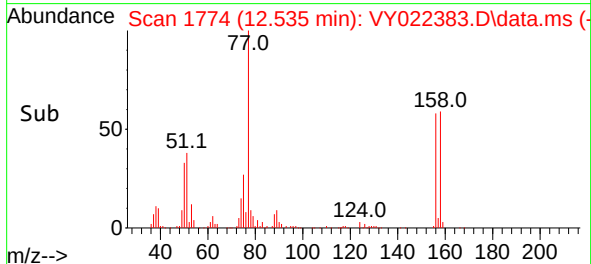
Tgt Ion:	156	Resp:	39924
Ion Ratio	Lower	Upper	
156	100		
77	187.9	94.5	283.6
158	95.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#78

n-propylbenzene

Concen: 19.775 ug/l

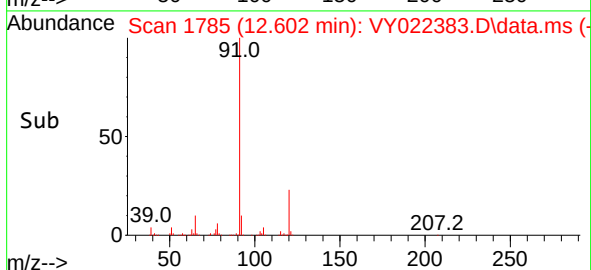
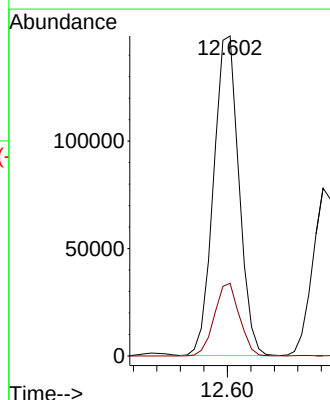
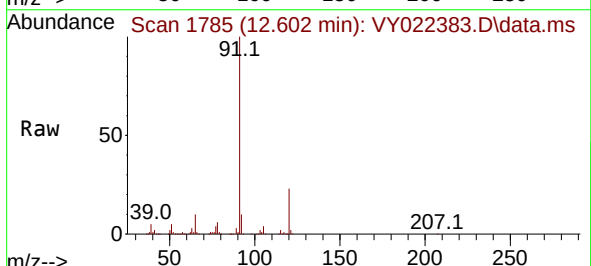
RT: 12.602 min Scan# 1785

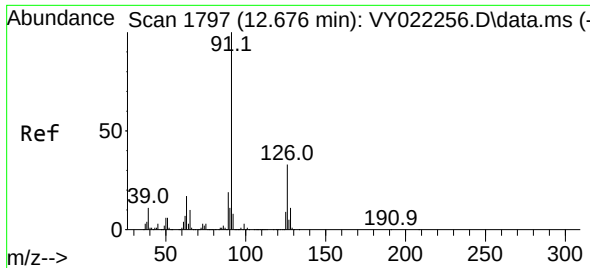
Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion:	91	Resp:	222841
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.3





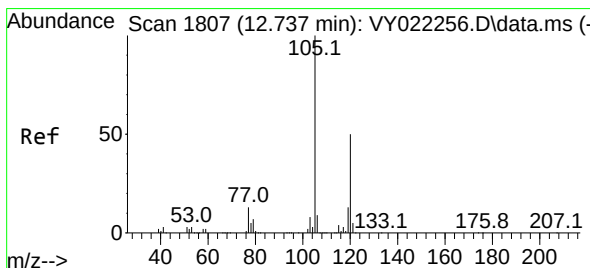
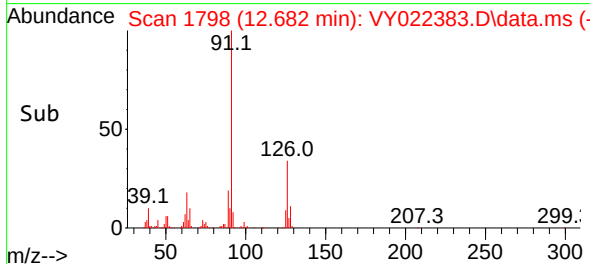
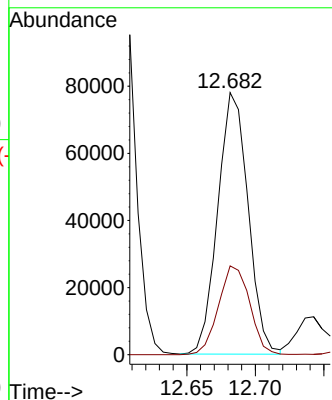
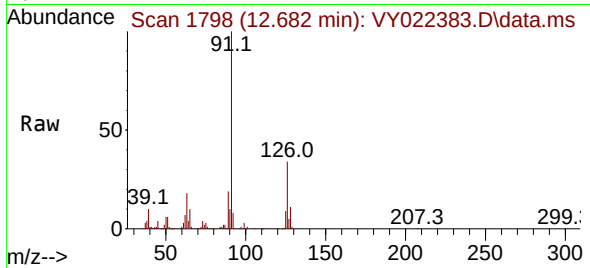
#79
2-Chlorotoluene
Concen: 19.434 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tgt Ion: 91 Resp: 120348
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4

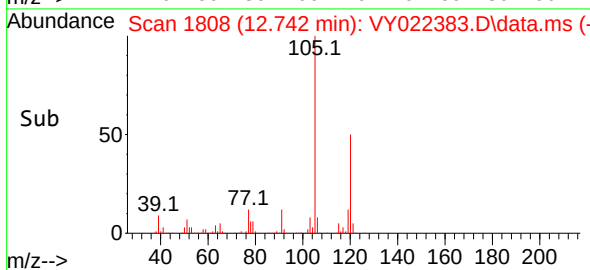
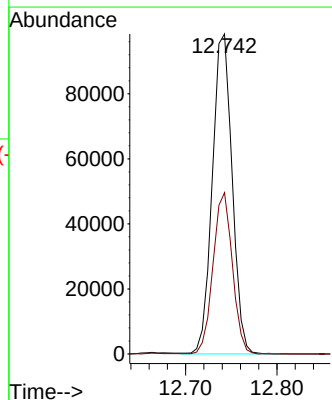
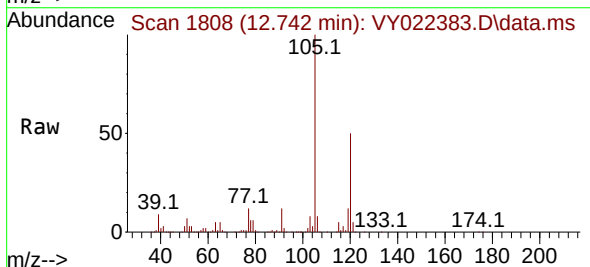
Manual Integrations
APPROVED

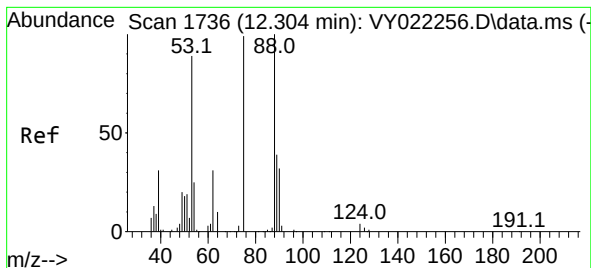
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.648 ug/l
RT: 12.742 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

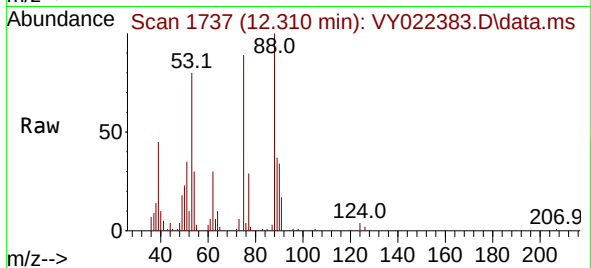
Tgt Ion:105 Resp: 148179
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.711 ug/l
RT: 12.310 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

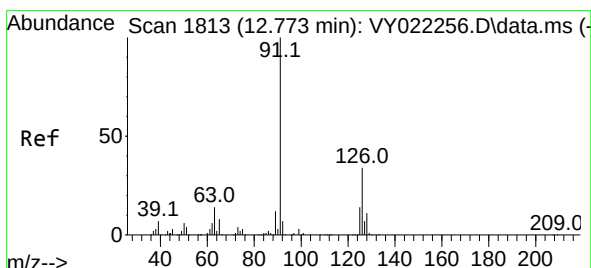
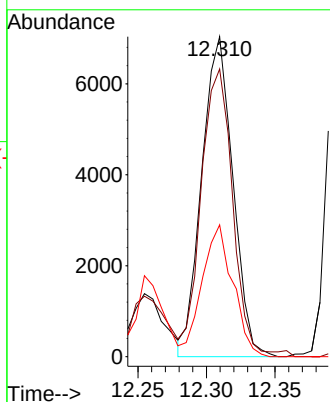
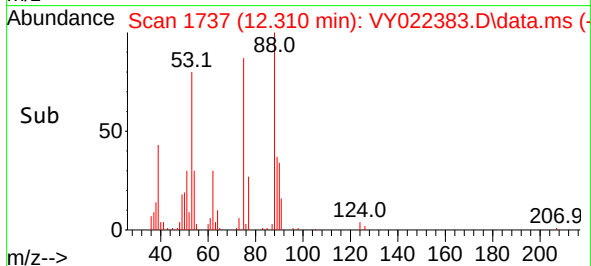
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion: 75 Resp: 1111
Ion Ratio Lower Upper
75 100
53 91.2 75.8 113.8
89 41.0 36.2 54.2

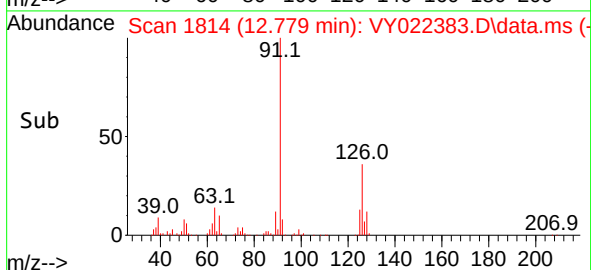
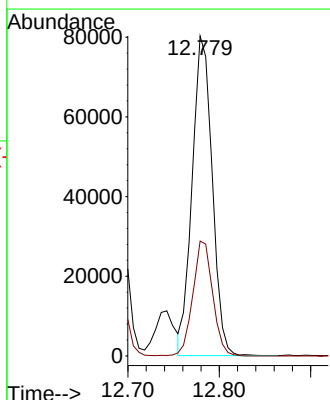
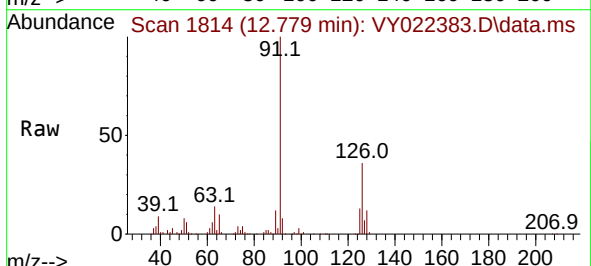
Manual Integrations
APPROVED

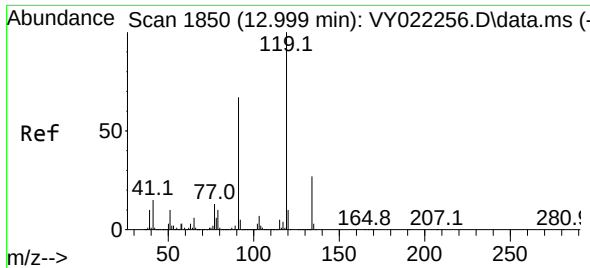
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 19.154 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

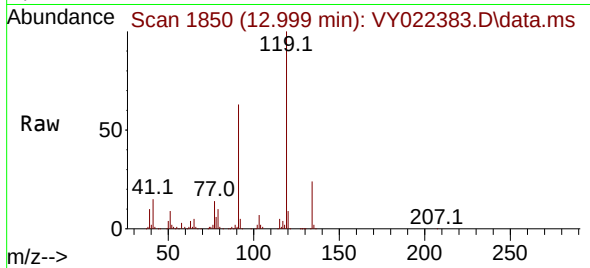
Tgt Ion: 91 Resp: 122004
Ion Ratio Lower Upper
91 100
126 35.8 16.8 50.4





#83
tert-Butylbenzene
Concen: 20.161 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

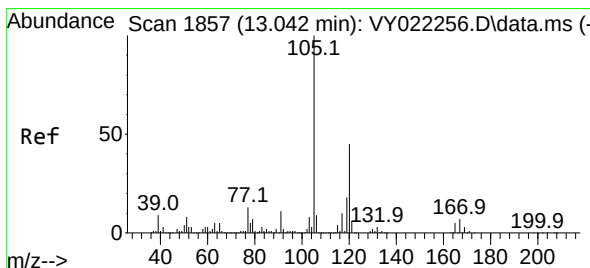
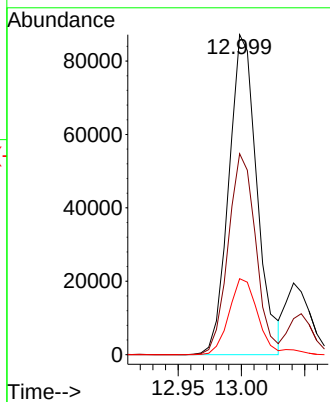
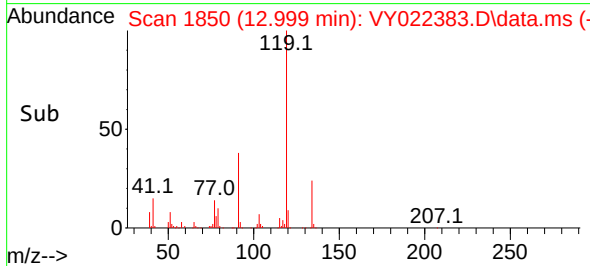
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



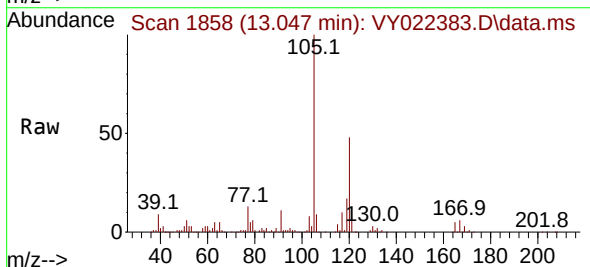
Tgt Ion:119 Resp: 135149
Ion Ratio Lower Upper
119 100
91 61.6 32.8 98.3
134 24.9 12.9 38.6

Manual Integrations
APPROVED

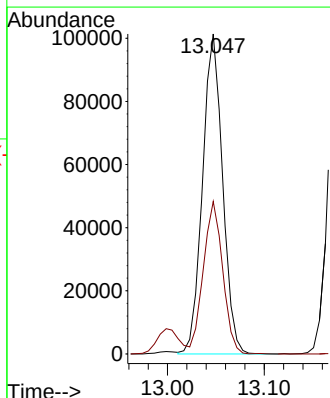
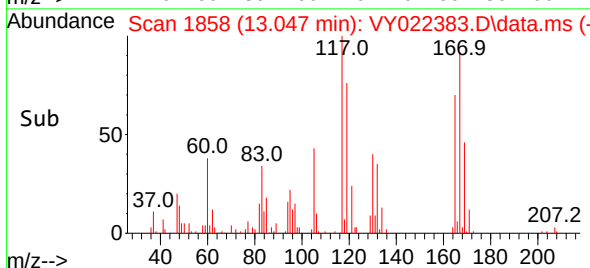
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

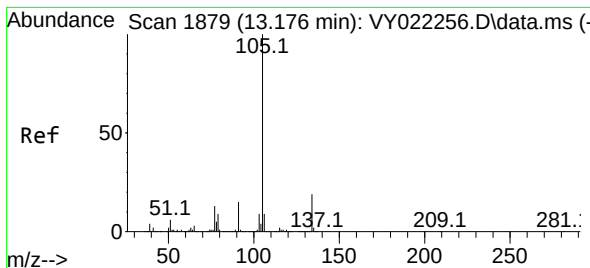


#84
1,2,4-Trimethylbenzene
Concen: 19.562 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



Tgt Ion:105 Resp: 146449
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.991 ug/l

RT: 13.181 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

Tgt Ion:105 Resp: 198914

Ion Ratio Lower Upper

105 100

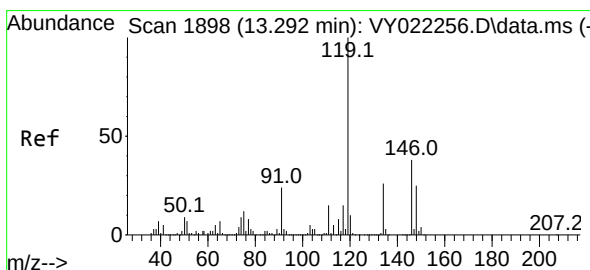
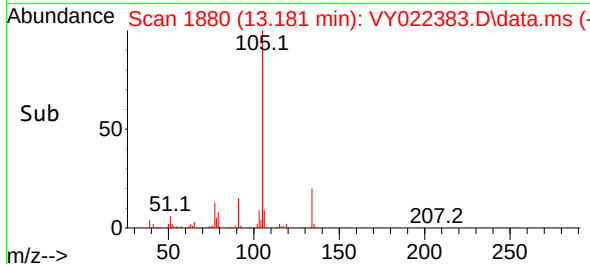
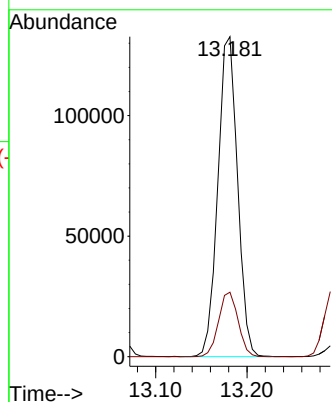
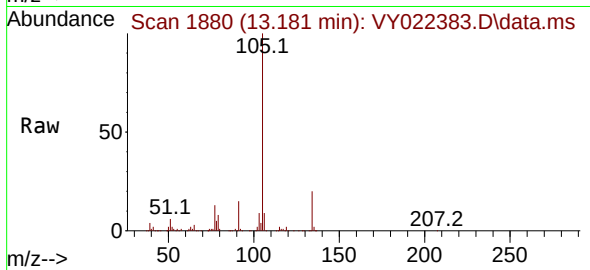
134 20.0 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#86

p-Isopropyltoluene

Concen: 19.435 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

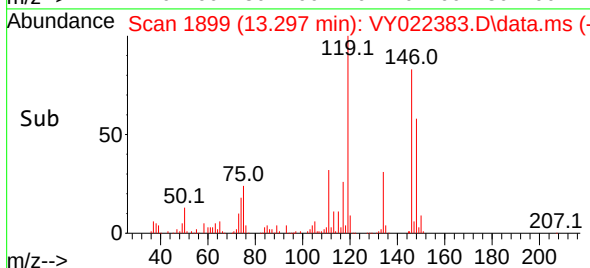
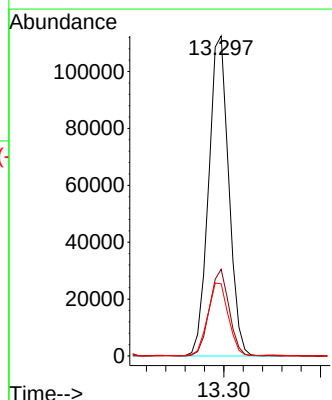
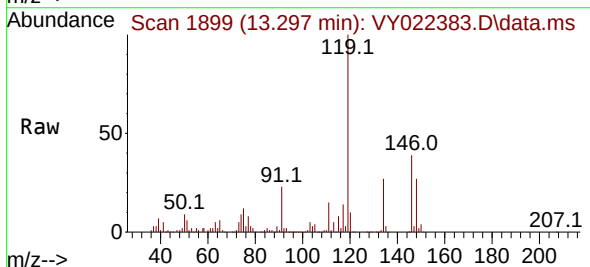
Tgt Ion:119 Resp: 162649

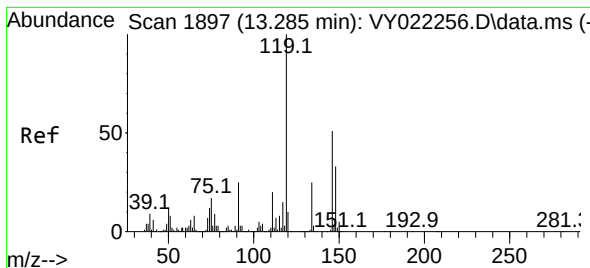
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 23.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.787 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

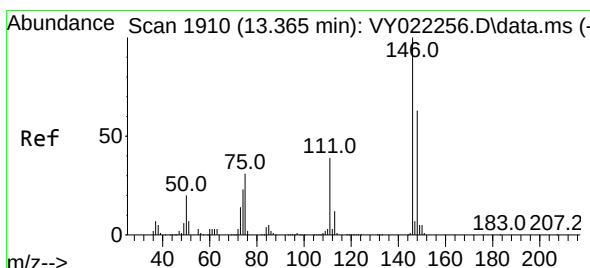
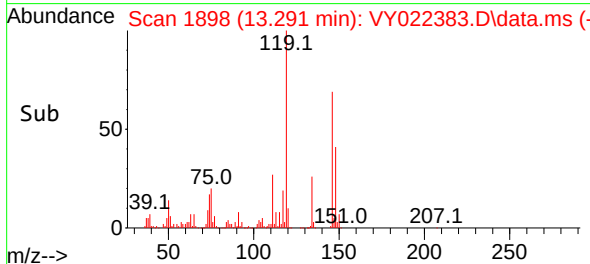
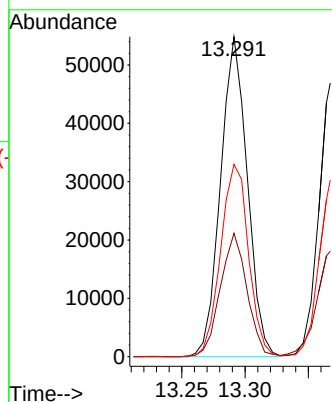
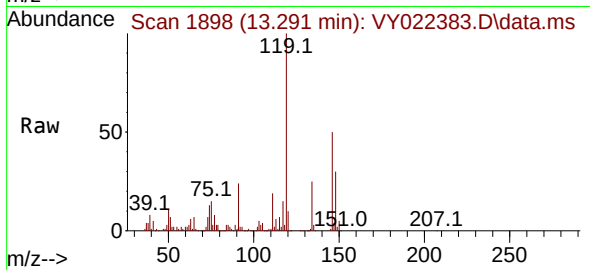
Tgt Ion:	146	Resp:	8060
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.9	59.7
148	62.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#88

1,4-Dichlorobenzene

Concen: 20.025 ug/l

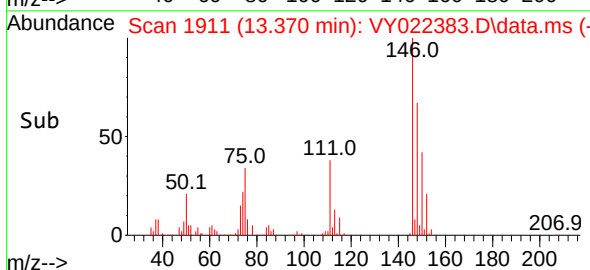
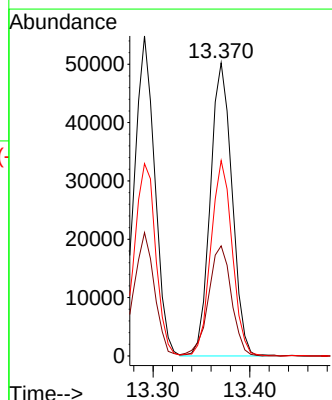
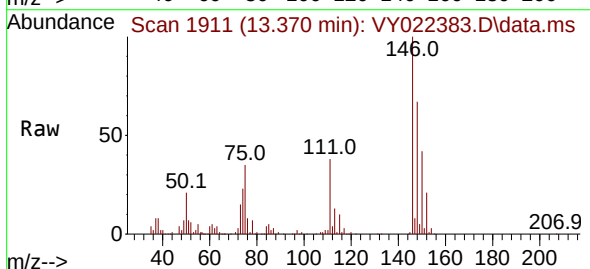
RT: 13.370 min Scan# 1911

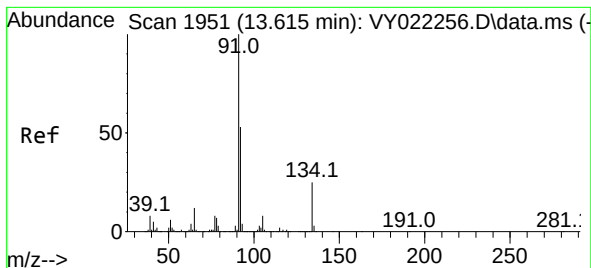
Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion:	146	Resp:	78462
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.0	59.9
148	65.7	32.1	96.5





#89

n-Butylbenzene

Concen: 19.633 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

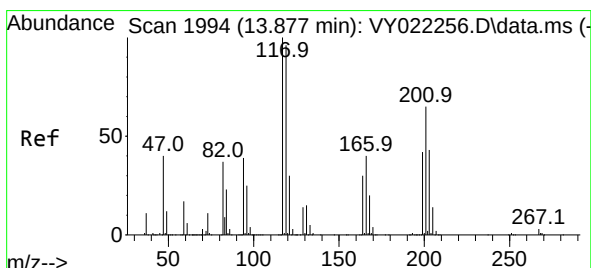
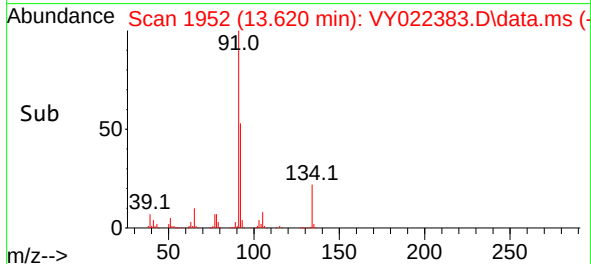
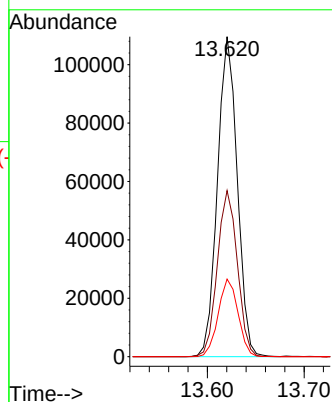
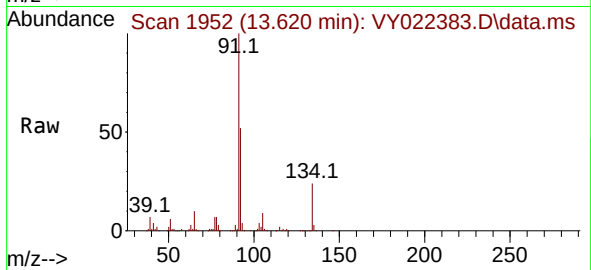
Tgt Ion: 91 Resp: 155438
 Ion Ratio Lower Upper
 91 100
 92 52.6 26.3 78.9
 134 24.4 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#90

Hexachloroethane

Concen: 19.577 ug/l

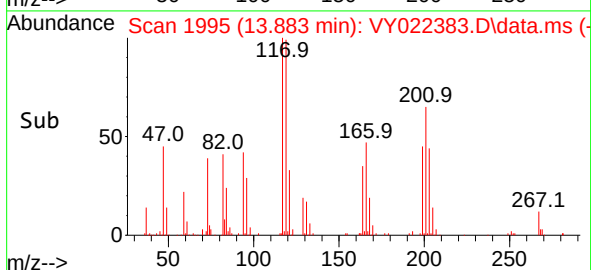
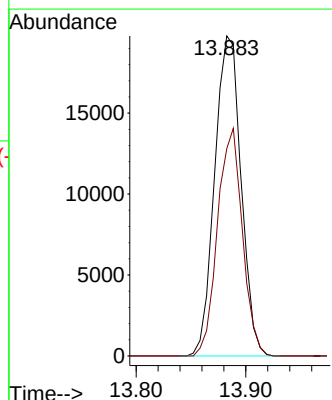
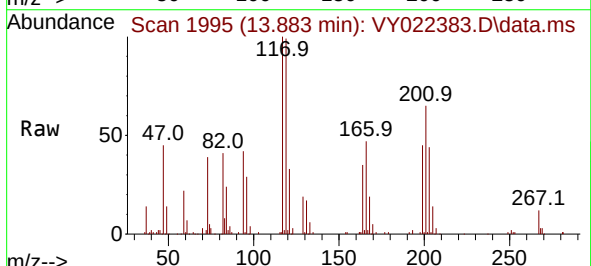
RT: 13.883 min Scan# 1995

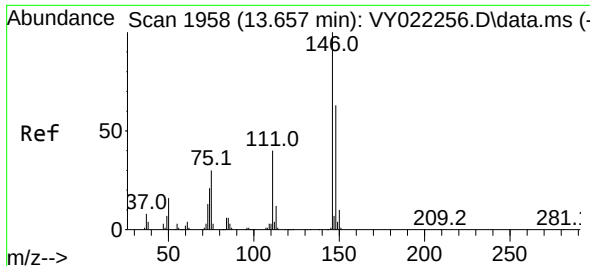
Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

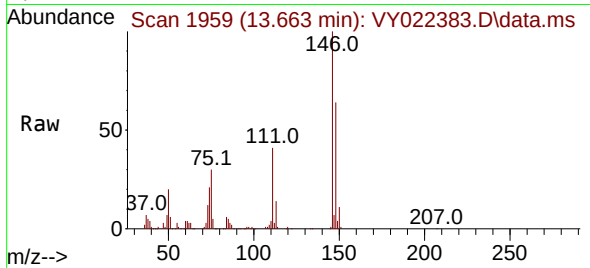
Tgt Ion:117 Resp: 33072
 Ion Ratio Lower Upper
 117 100
 201 67.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

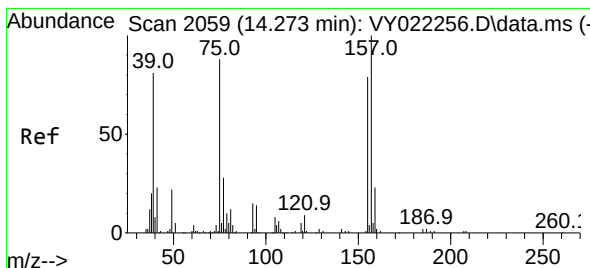
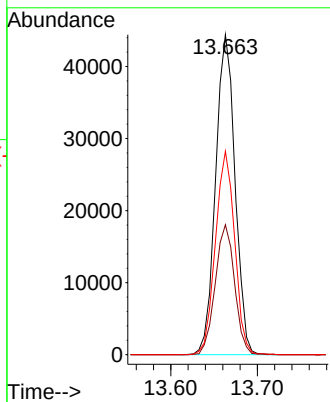
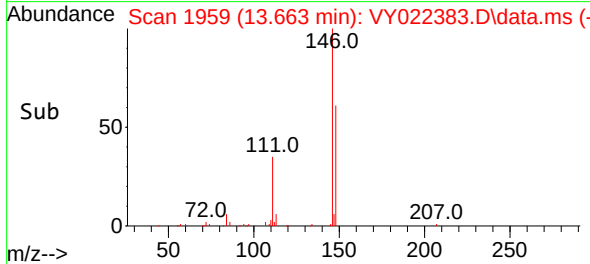
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion:146 Resp: 69239
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.5
148 63.0 32.0 96.0

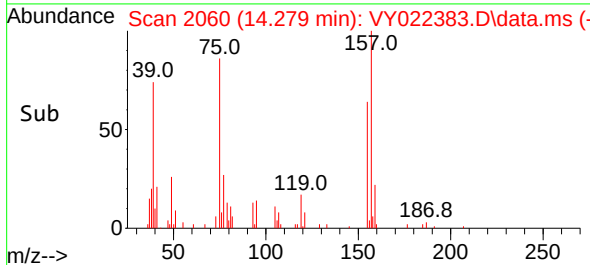
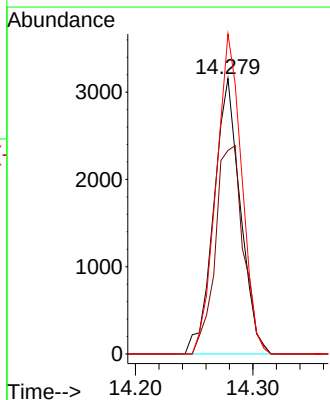
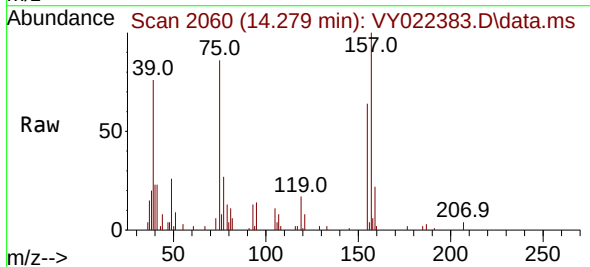
Manual Integrations
APPROVED

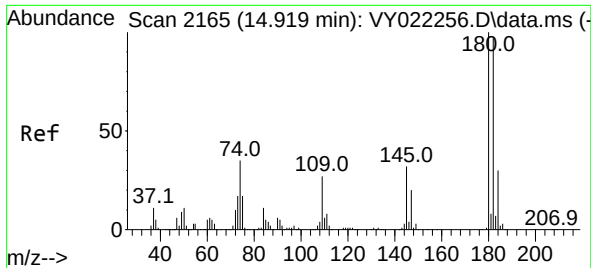
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.386 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

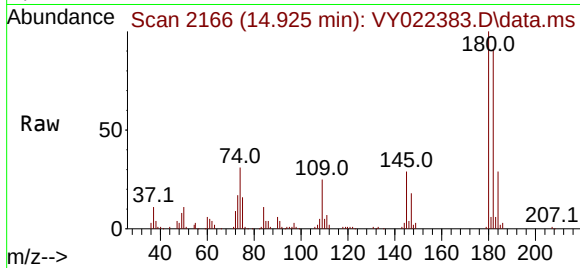
Tgt Ion: 75 Resp: 4955
Ion Ratio Lower Upper
75 100
155 80.4 43.4 130.1
157 111.9 54.6 163.9





#93
1,2,4-Trichlorobenzene
Concen: 19.994 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

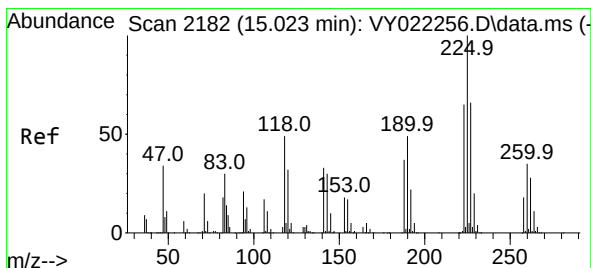
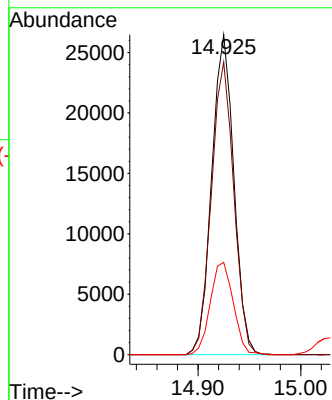
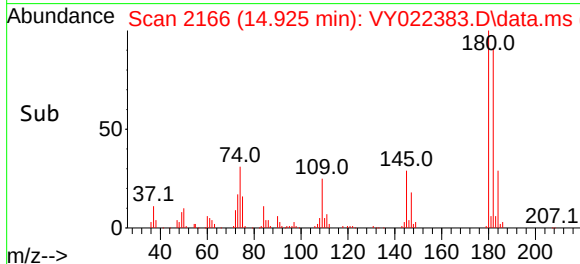
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



Tgt Ion:180 Resp: 3951
Ion Ratio Lower Upper
180 100
182 92.7 48.0 144.0
145 30.1 15.0 45.1

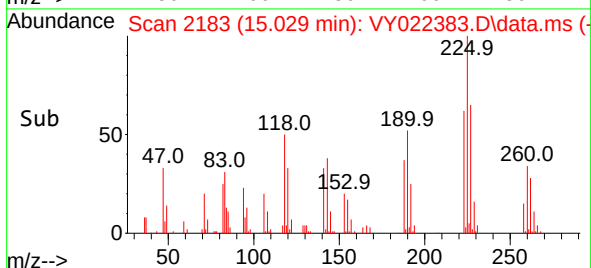
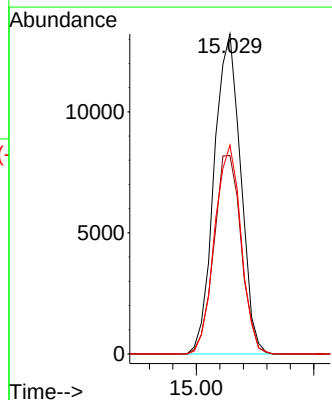
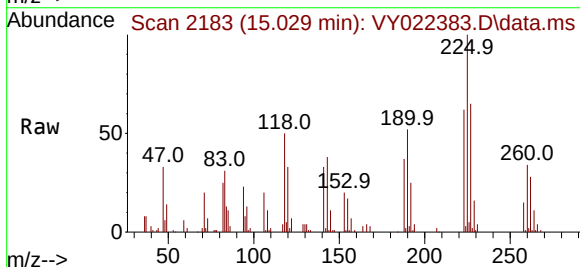
Manual Integrations
APPROVED

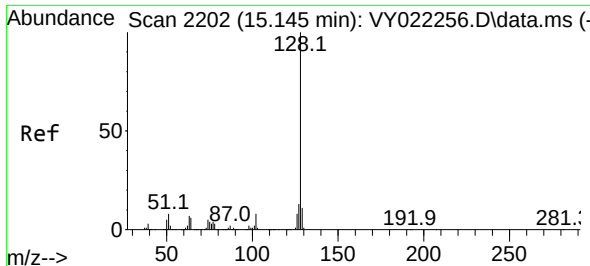
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#94
Hexachlorobutadiene
Concen: 18.811 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

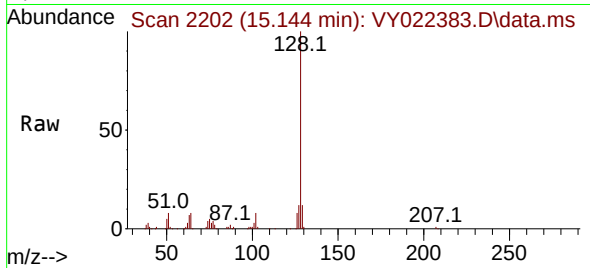
Tgt Ion:225 Resp: 20733
Ion Ratio Lower Upper
225 100
223 63.8 31.5 94.5
227 64.9 32.1 96.3





#95
Naphthalene
Concen: 20.530 ug/l
RT: 15.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

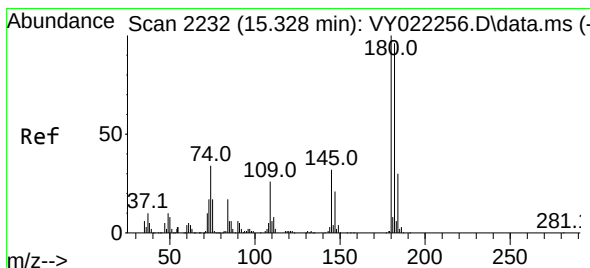
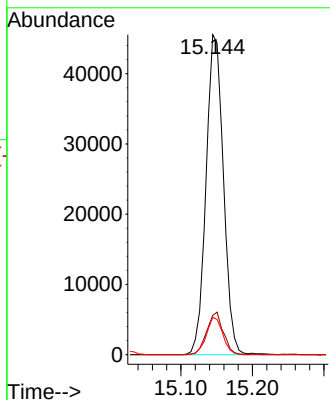
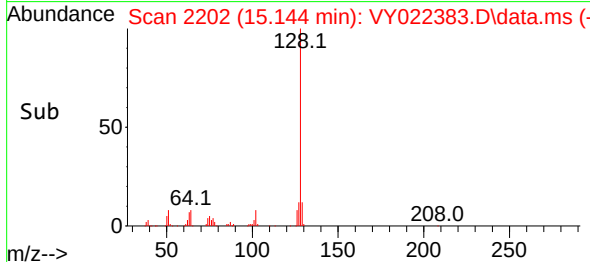
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01



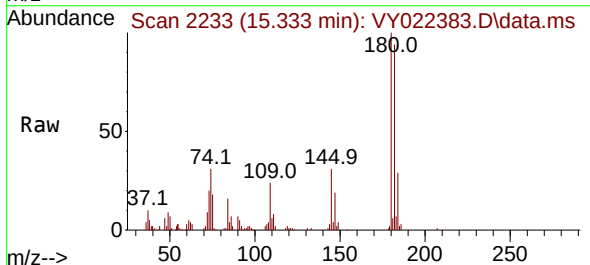
Tgt Ion:128 Resp: 7699
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.427 ug/l
RT: 15.333 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59



Tgt Ion:180 Resp: 34249
Ion Ratio Lower Upper
180 100
182 92.0 47.1 141.3
145 29.7 15.9 47.6

