

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023832.D
 Acq On : 01 Dec 2025 10:00
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:13:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	526036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	818117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	695554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	353062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	245781	47.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.640	113	244714	50.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.109	98	961906	49.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.408	95	306085	48.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	88398	22.298	ug/l	100
3) Chloromethane	2.074	50	113584	18.728	ug/l	98
4) Vinyl Chloride	2.208	62	129763	19.779	ug/l	98
5) Bromomethane	2.598	94	89913	19.427	ug/l	96
6) Chloroethane	2.739	64	86497	20.230	ug/l	98
7) Trichlorofluoromethane	3.062	101	193966	21.867	ug/l	97
8) Diethyl Ether	3.458	74	59159	21.176	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	119754	23.132	ug/l	99
10) Methyl Iodide	4.007	142	114483	20.181	ug/l	100
11) Tert butyl alcohol	4.878	59	38994	92.681	ug/l	98
12) 1,1-Dichloroethene	3.793	96	109088	21.419	ug/l	100
13) Acrolein	3.659	56	52436	86.696	ug/l	99
14) Allyl chloride	4.391	41	173297	21.478	ug/l	100
15) Acrylonitrile	5.067	53	135769	112.600	ug/l	99
16) Acetone	3.872	43	190658	129.176	ug/l	97
17) Carbon Disulfide	4.110	76	296016	18.010	ug/l	99
18) Methyl Acetate	4.397	43	57954	20.332	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	283581	21.788	ug/l	97
20) Methylene Chloride	4.628	84	120089	19.246	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	120293	21.332	ug/l	96
22) Diisopropyl ether	6.031	45	395326	22.660	ug/l	98
23) Vinyl Acetate	5.970	43	1093650	112.730	ug/l	99
24) 1,1-Dichloroethane	5.927	63	225791	22.000	ug/l	97
25) 2-Butanone	6.896	43	220919	122.648	ug/l	99
26) 2,2-Dichloropropane	6.890	77	196626	21.614	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	140774	21.498	ug/l	100
28) Bromochloromethane	7.256	49	83127	19.472	ug/l	99
29) Tetrahydrofuran	7.268	42	110786	110.275	ug/l	99
30) Chloroform	7.427	83	228113	22.104	ug/l	95
31) Cyclohexane	7.707	56	209574	21.279	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	205882	22.475	ug/l	99
36) 1,1-Dichloropropene	7.841	75	167201	22.501	ug/l	99
37) Ethyl Acetate	6.994	43	82518	23.609	ug/l	100
38) Carbon Tetrachloride	7.823	117	181727	22.280	ug/l	97
39) Methylcyclohexane	9.109	83	214053	21.811	ug/l	98
40) Benzene	8.085	78	498139	21.784	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	38160	21.869	ug/l	95
42) 1,2-Dichloroethane	8.158	62	132848	22.535	ug/l	99
43) Isopropyl Acetate	8.201	43	144201	22.077	ug/l #	87
44) Trichloroethene	8.866	130	131042	22.335	ug/l	99
45) 1,2-Dichloropropane	9.140	63	122189	22.663	ug/l	98
46) Dibromomethane	9.231	93	65343	22.335	ug/l	99
47) Bromodichloromethane	9.426	83	171533	22.435	ug/l	97
48) Methyl methacrylate	9.225	41	68408	22.244	ug/l	99
49) 1,4-Dioxane	9.237	88	15875	484.179	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	394930	114.855	ug/l	99
52) Toluene	10.170	92	317325	22.385	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	152796	21.816	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	183114	21.842	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	90140	23.001	ug/l	96
56) Ethyl methacrylate	10.438	69	112544	21.871	ug/l	98
57) 1,3-Dichloropropane	10.719	76	153060	22.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	246607	99.760	ug/l	99
59) 2-Hexanone	10.762	43	309938	121.893	ug/l	99
60) Dibromochloromethane	10.914	129	117865	22.413	ug/l	99
61) 1,2-Dibromoethane	11.018	107	80328	22.082	ug/l	99
64) Tetrachloroethene	10.646	164	152218	23.069	ug/l	99
65) Chlorobenzene	11.444	112	338867	22.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	120164	23.167	ug/l	98
67) Ethyl Benzene	11.517	91	590343	22.637	ug/l	99
68) m/p-Xylenes	11.627	106	457077	45.484	ug/l	100
69) o-Xylene	11.956	106	209946	22.284	ug/l	99
70) Styrene	11.969	104	352673	22.724	ug/l	99
71) Bromoform	12.133	173	67224	22.219	ug/l #	99
73) Isopropylbenzene	12.255	105	569849	22.742	ug/l	100
74) N-amyl acetate	12.072	43	121531	21.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	93304	22.617	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61775m	20.120	ug/l	
77) Bromobenzene	12.536	156	132780	22.529	ug/l	99
78) n-propylbenzene	12.597	91	693288	22.981	ug/l	99
79) 2-Chlorotoluene	12.682	91	390507	22.491	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	469631	22.958	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	32372	22.286	ug/l	97
82) 4-Chlorotoluene	12.779	91	406161	22.777	ug/l	99
83) tert-Butylbenzene	12.999	119	417792	22.735	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	464199	22.707	ug/l	100
85) sec-Butylbenzene	13.176	105	626233	23.086	ug/l	100
86) p-Isopropyltoluene	13.292	119	517504	22.824	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	263200	22.282	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	258566	21.930	ug/l	99
89) n-Butylbenzene	13.615	91	477523	22.969	ug/l	98
90) Hexachloroethane	13.883	117	107367	22.538	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	232245	22.484	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15026	21.760	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	133887	21.739	ug/l	98
94) Hexachlorobutadiene	15.023	225	86872	22.650	ug/l	99
95) Naphthalene	15.145	128	219911	21.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	116198	22.153	ug/l	97

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MSVOA_Y
ClientSampleId :
VY1201SBSD01

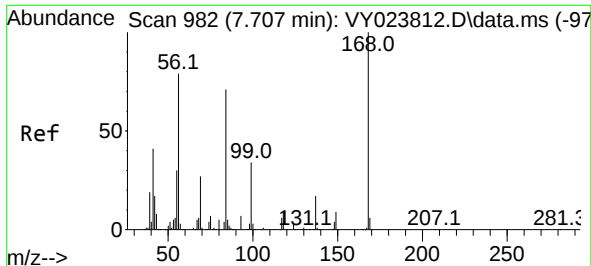
Manual Integrations
APPROVED

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Quant Time: Dec 02 03:13:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

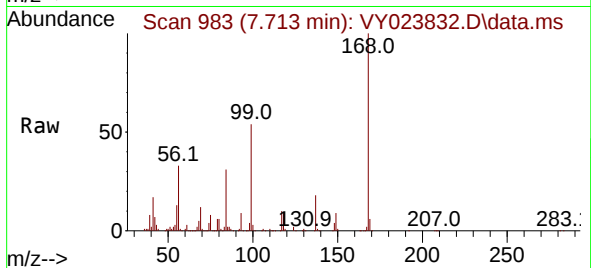
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

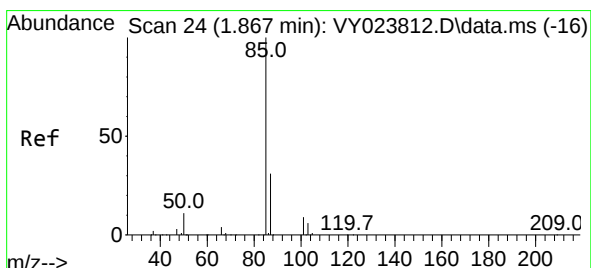
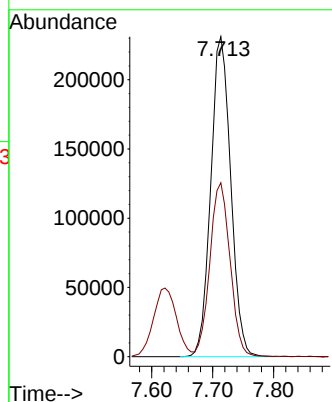
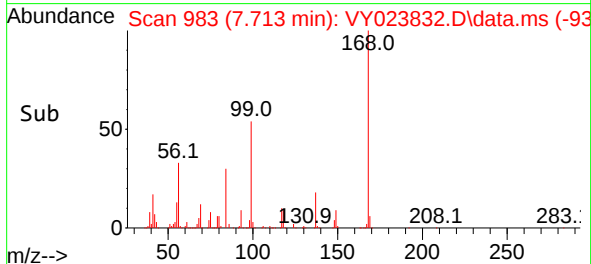
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion:168 Resp: 526030
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0

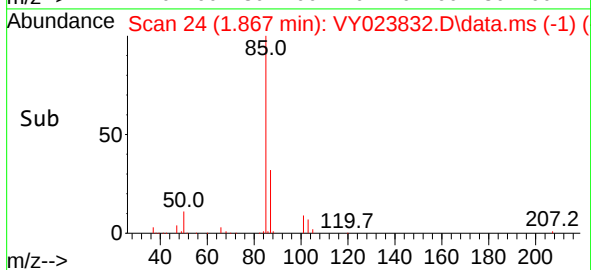
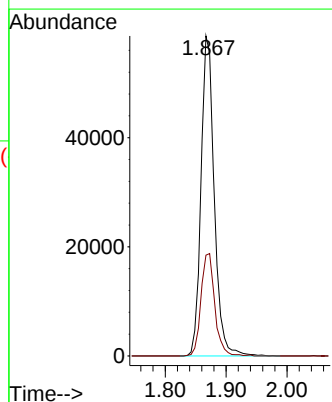
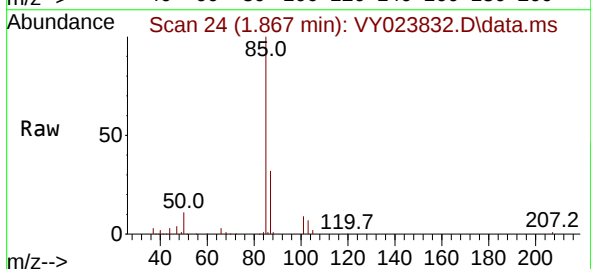
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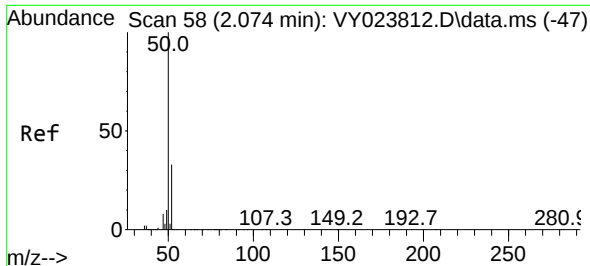
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#2
Dichlorodifluoromethane
Concen: 22.298 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

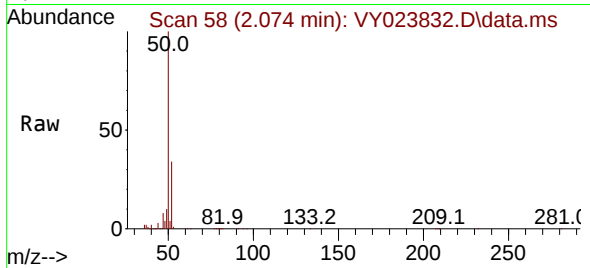
Tgt Ion: 85 Resp: 88398
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.1





#3
Chloromethane
Concen: 18.728 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

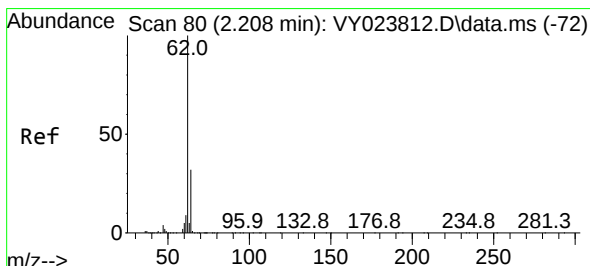
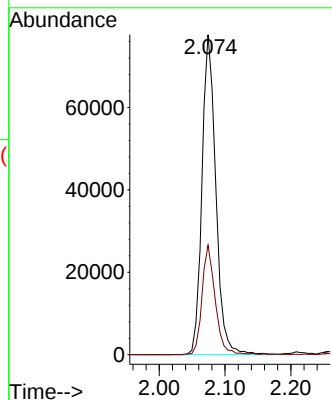
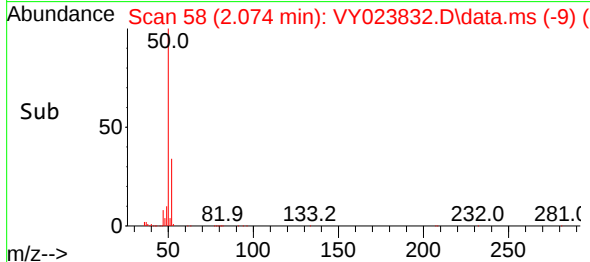
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



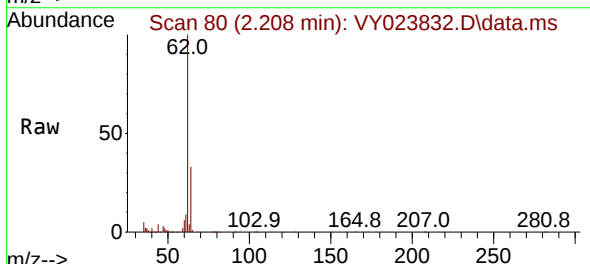
Tgt Ion: 50 Resp: 113584
Ion Ratio Lower Upper
50 100
52 34.2 26.6 39.8

Manual Integrations
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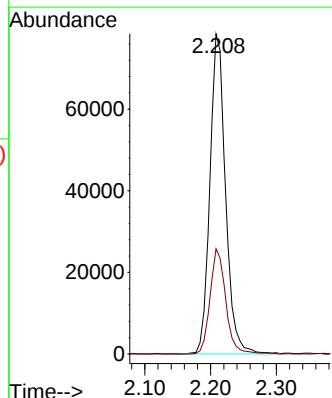
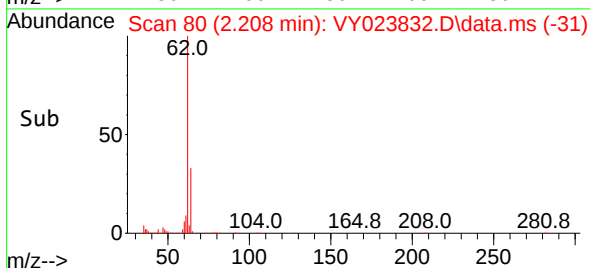
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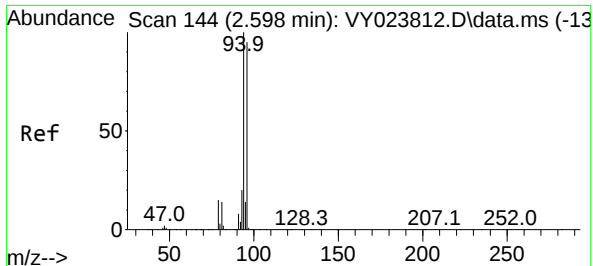


#4
Vinyl Chloride
Concen: 19.779 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion: 62 Resp: 129763
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





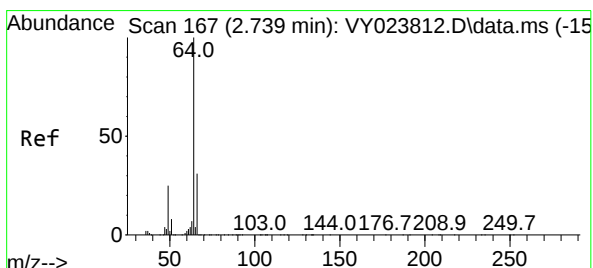
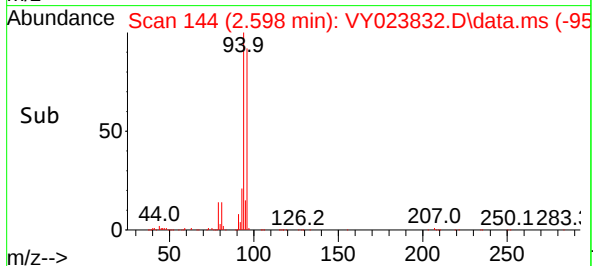
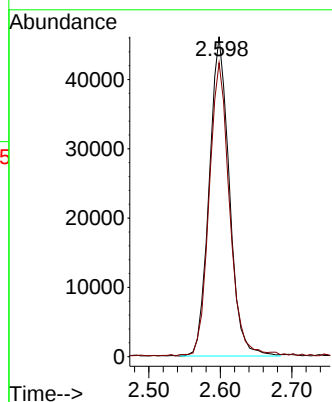
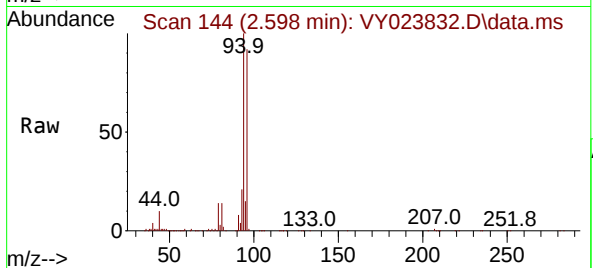
#5
Bromomethane
Concen: 19.427 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
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VY1201SBSD01

Tgt Ion: 94 Resp: 8991
Ion Ratio Lower Upper
94 100
96 91.4 76.1 114.1

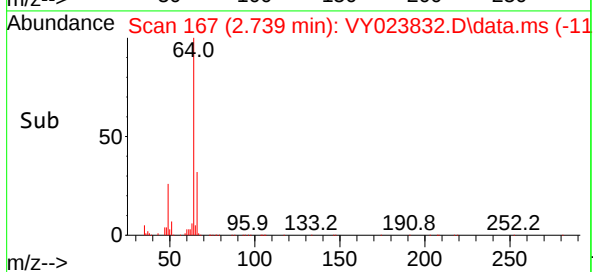
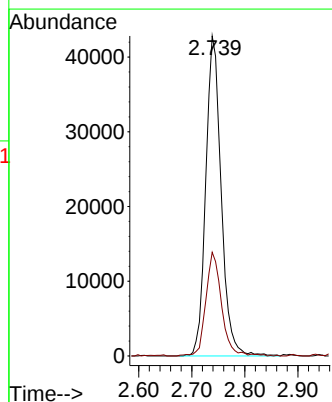
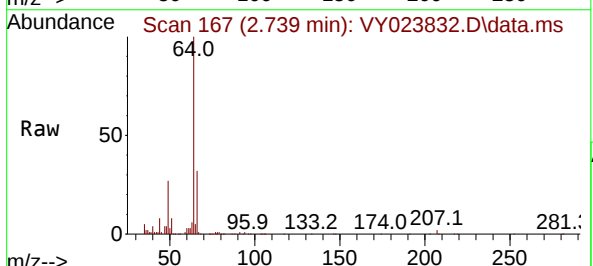
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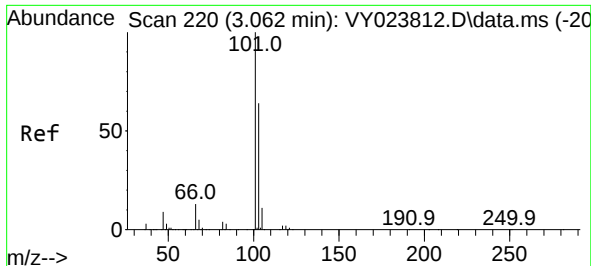
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#6
Chloroethane
Concen: 20.230 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

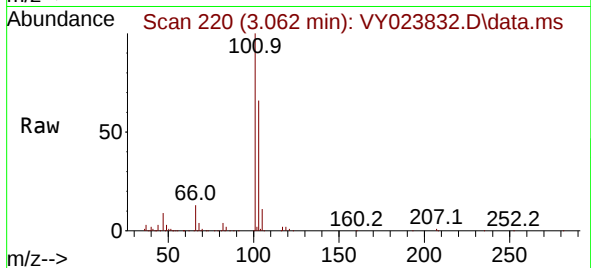
Tgt Ion: 64 Resp: 86497
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 21.867 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00

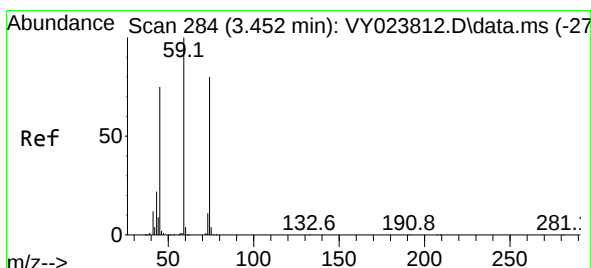
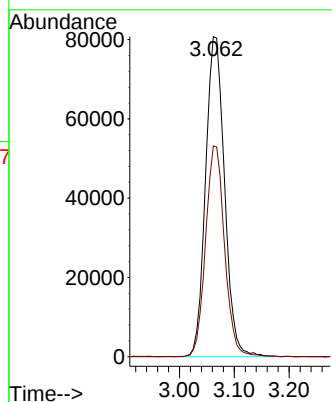
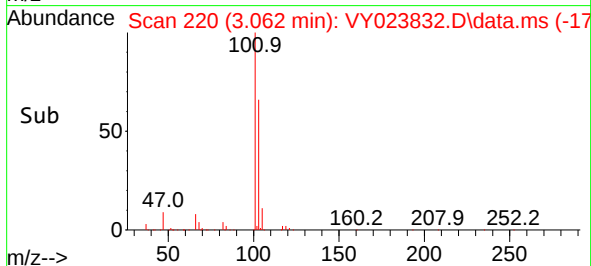
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01



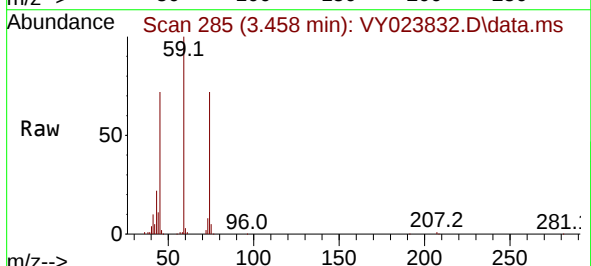
Tgt Ion:101 Resp: 193960
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.8 76.2

Manual Integrations
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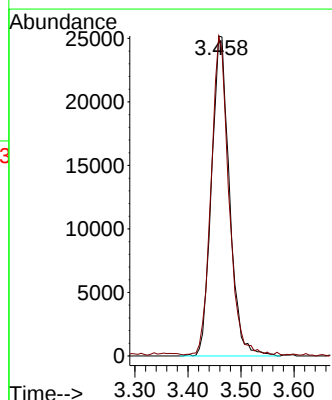
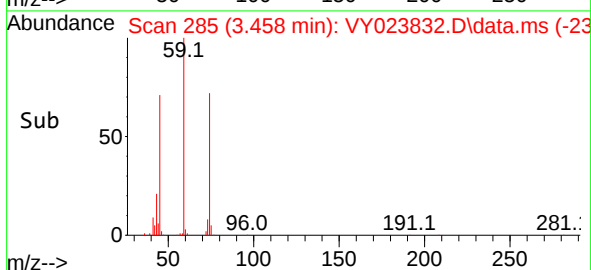
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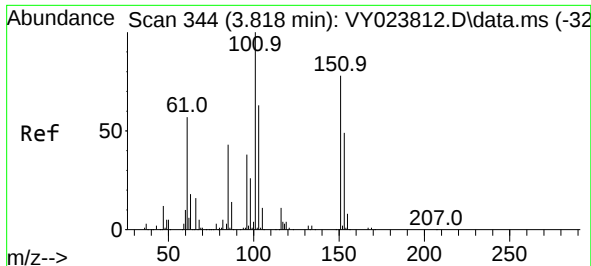


#8
 Diethyl Ether
 Concen: 21.176 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00



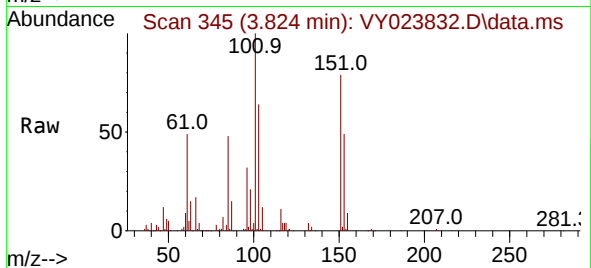
Tgt Ion: 74 Resp: 59159
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.0 141.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.132 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

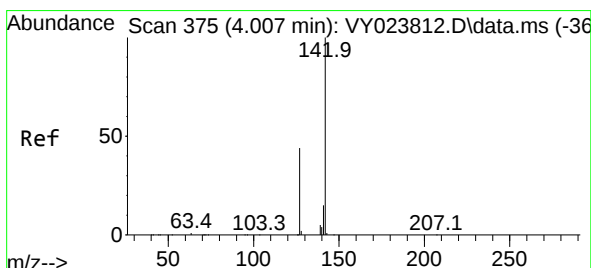
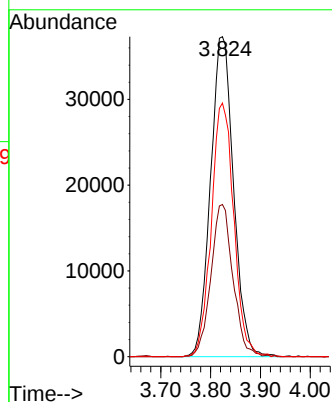
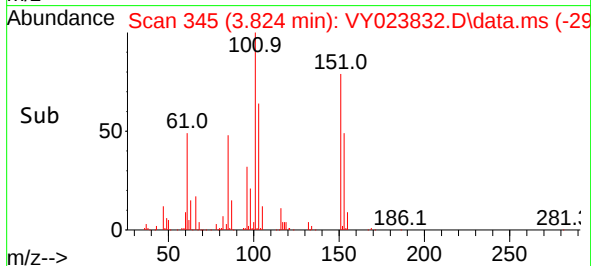
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion:101 Resp: 119754
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.8
151 77.4 62.8 94.2

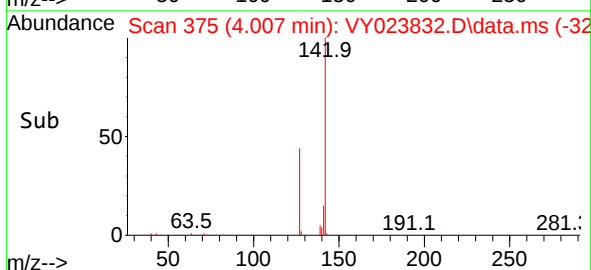
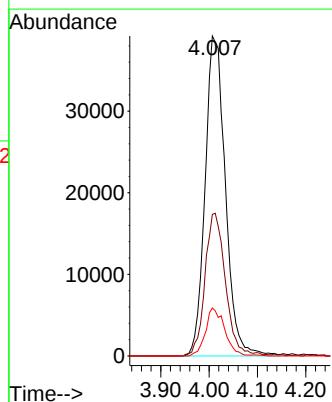
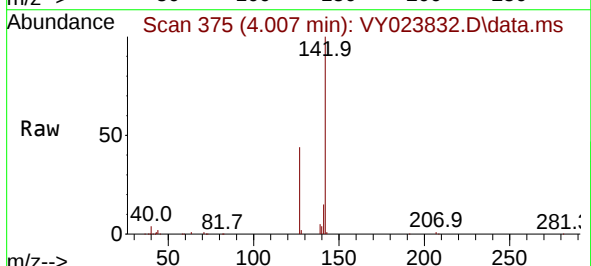
Manual Integrations
APPROVED

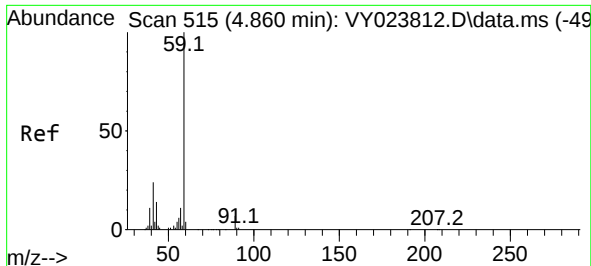
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#10
Methyl Iodide
Concen: 20.181 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

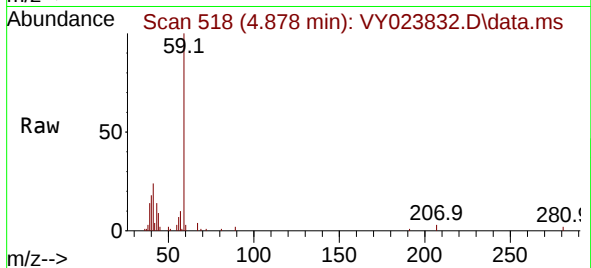
Tgt Ion:142 Resp: 114483
Ion Ratio Lower Upper
142 100
127 45.0 36.2 54.2
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 92.681 ug/l
RT: 4.878 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

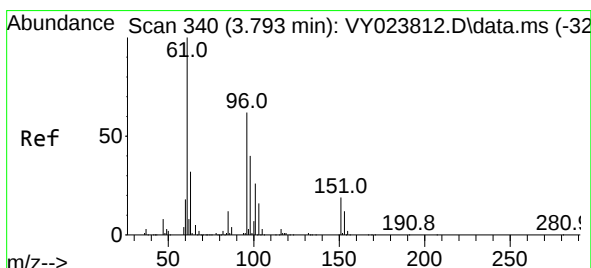
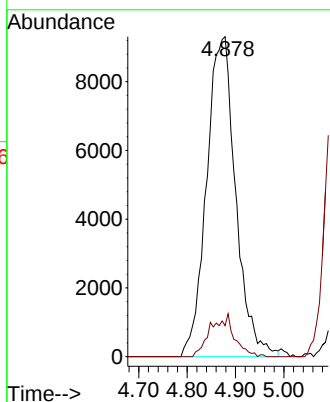
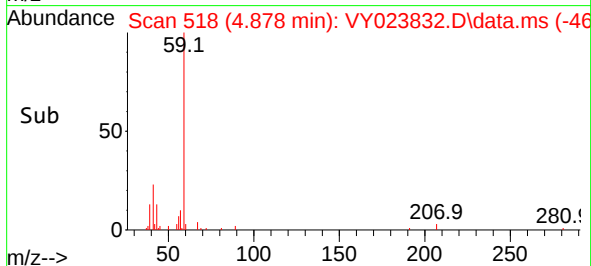
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



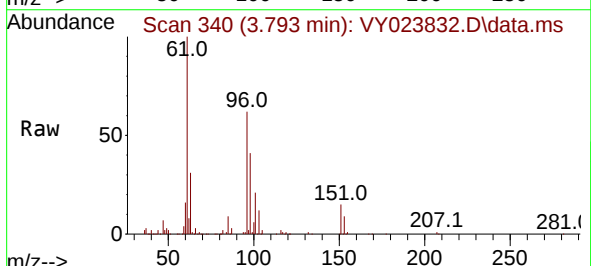
Tgt Ion: 59 Resp: 38994
Ion Ratio Lower Upper
59 100
57 10.9 8.0 12.0

Manual Integrations
APPROVED

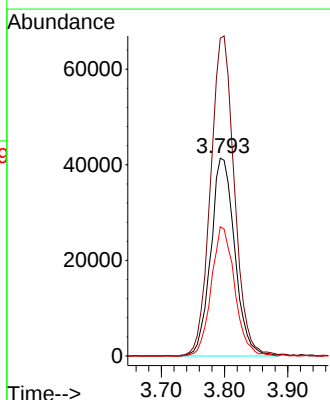
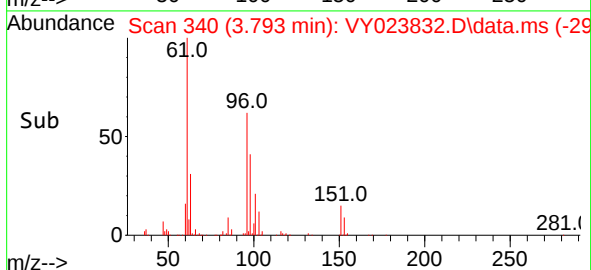
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

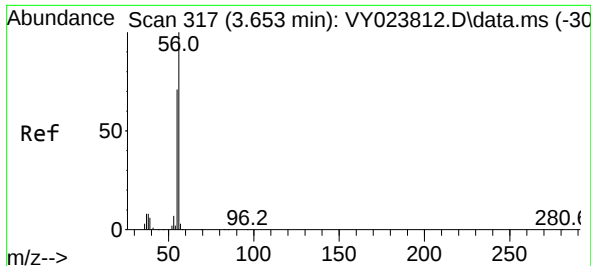


#12
1,1-Dichloroethene
Concen: 21.419 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



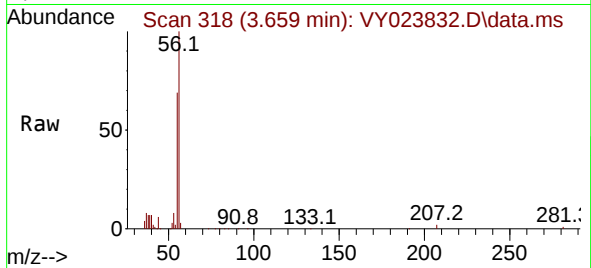
Tgt Ion: 96 Resp: 109088
Ion Ratio Lower Upper
96 100
61 160.6 128.9 193.3
98 65.2 51.8 77.6





#13
Acrolein
Concen: 86.696 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

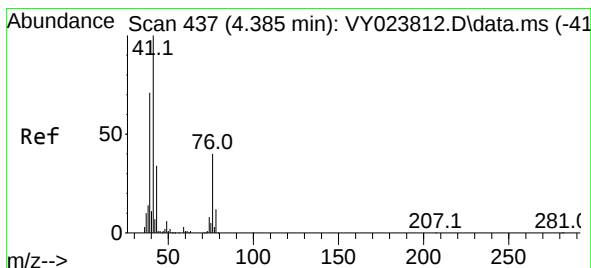
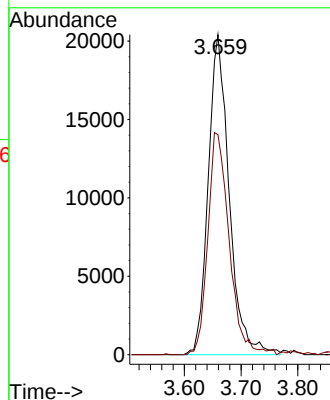
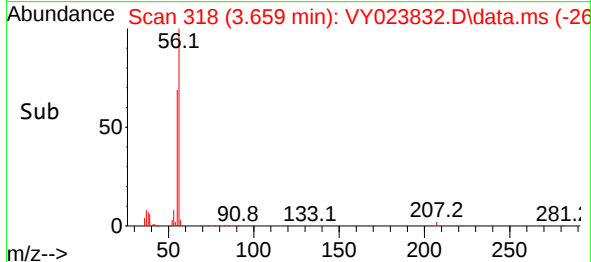
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



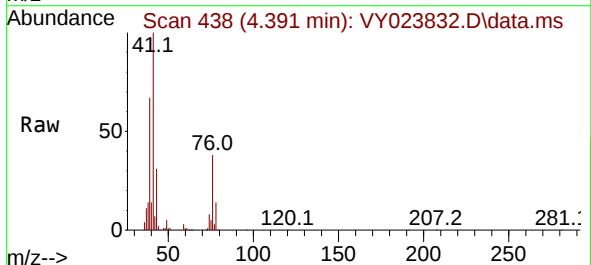
Tgt Ion: 56 Resp: 52430
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

Manual Integrations
APPROVED

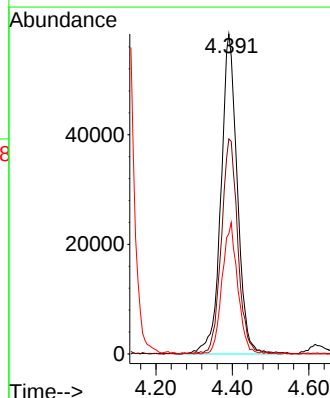
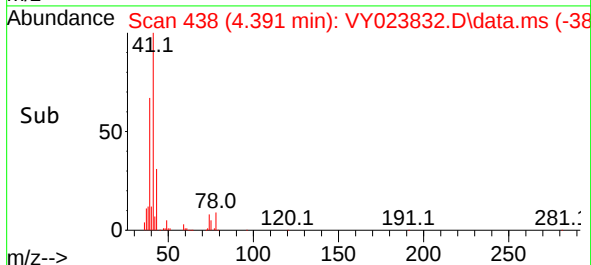
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

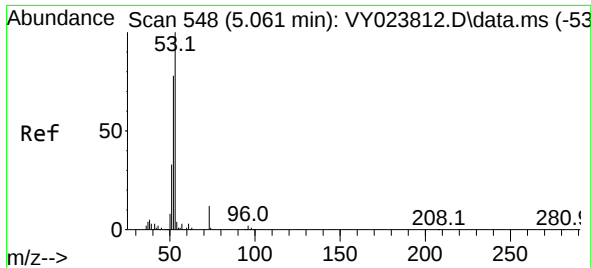


#14
Allyl chloride
Concen: 21.478 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



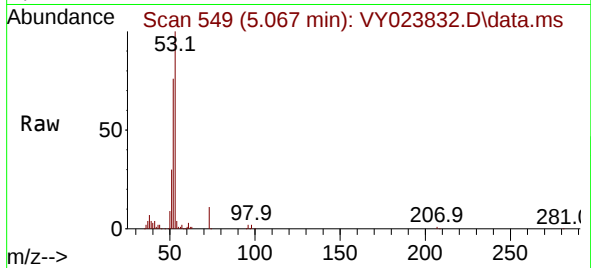
Tgt Ion: 41 Resp: 173297
Ion Ratio Lower Upper
41 100
39 67.6 54.1 81.1
76 38.7 31.0 46.6





#15
Acrylonitrile
Concen: 112.600 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

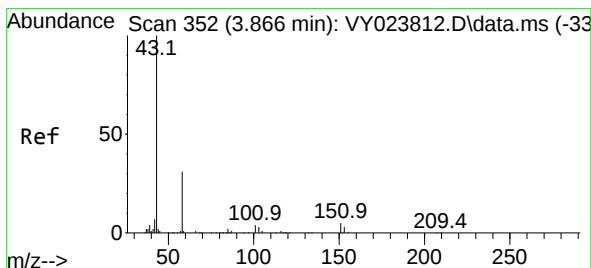
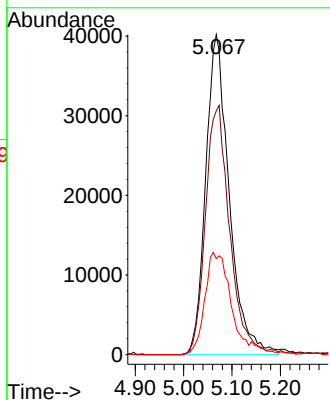
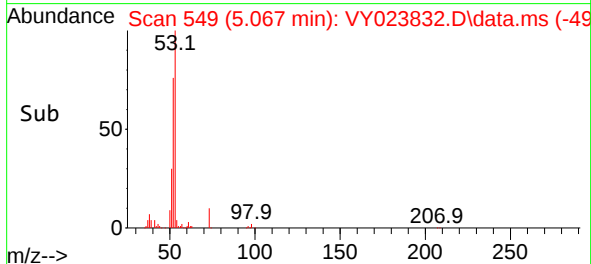
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 53 Resp: 135769
Ion Ratio Lower Upper
53 100
52 80.7 64.0 96.0
51 36.2 28.7 43.1

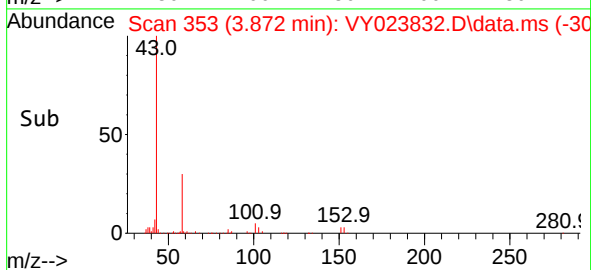
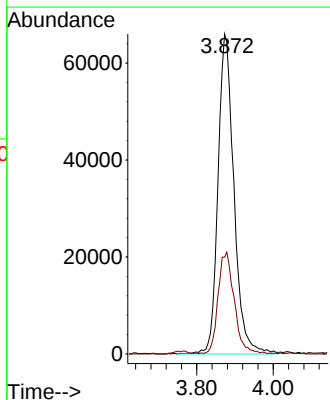
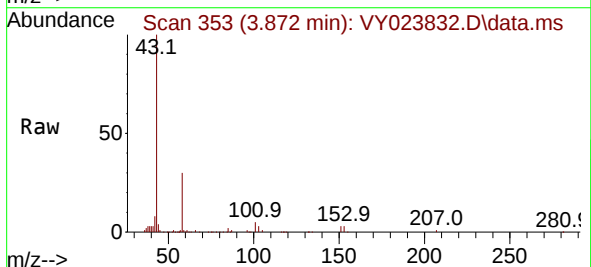
Manual Integrations
APPROVED

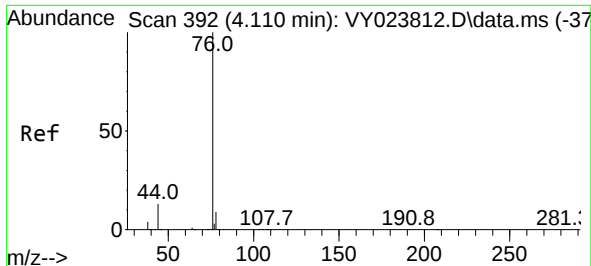
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#16
Acetone
Concen: 129.176 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

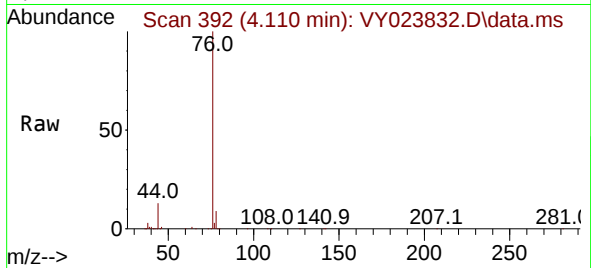
Tgt Ion: 43 Resp: 190658
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.2





#17
Carbon Disulfide
Concen: 18.010 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

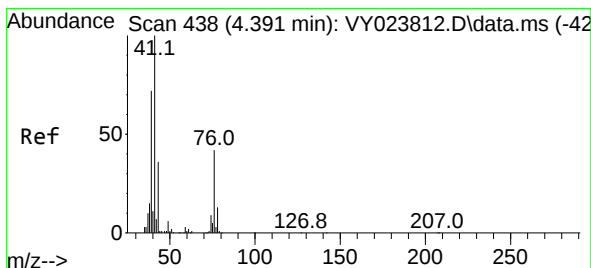
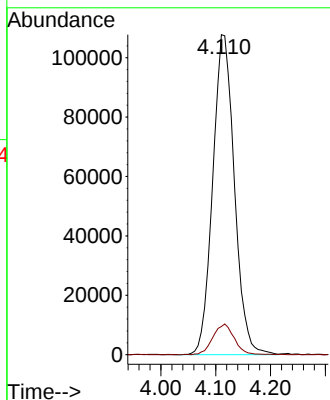
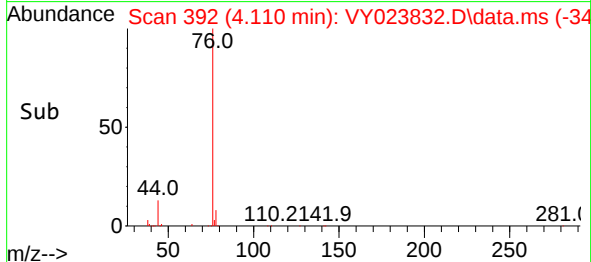
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



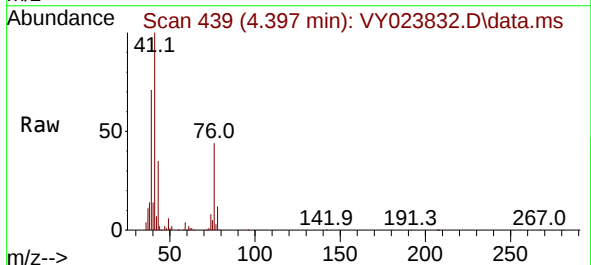
Tgt Ion: 76 Resp: 296010
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Manual Integrations
APPROVED

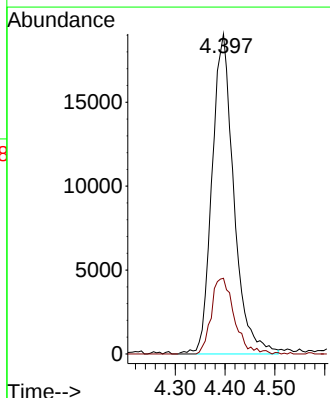
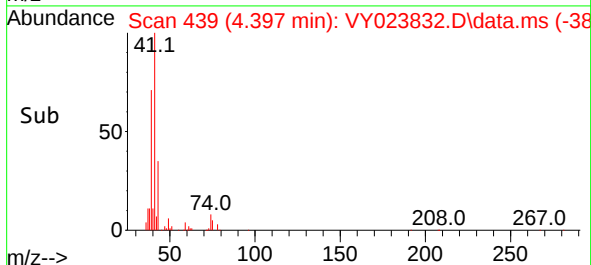
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

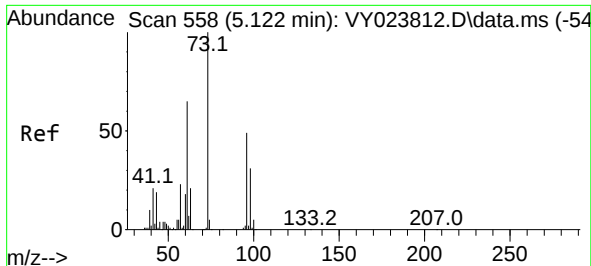


#18
Methyl Acetate
Concen: 20.332 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



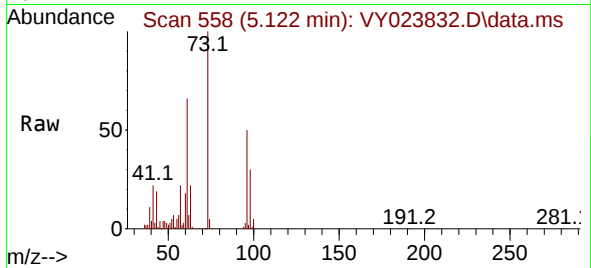
Tgt Ion: 43 Resp: 57954
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 21.788 ug/l
RT: 5.122 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

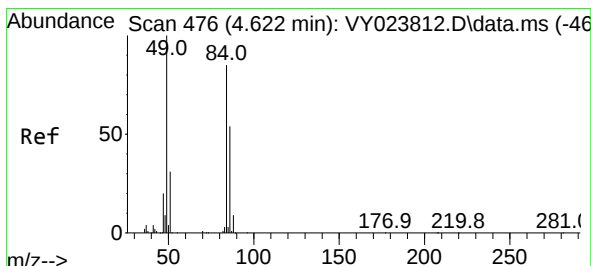
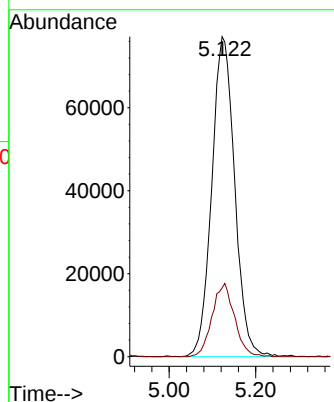
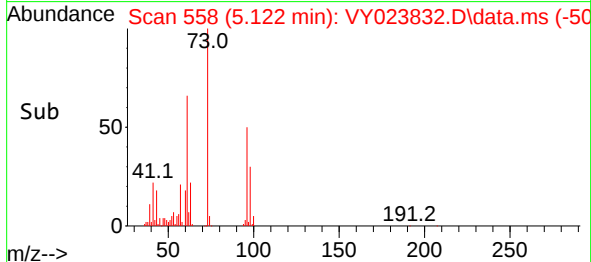
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



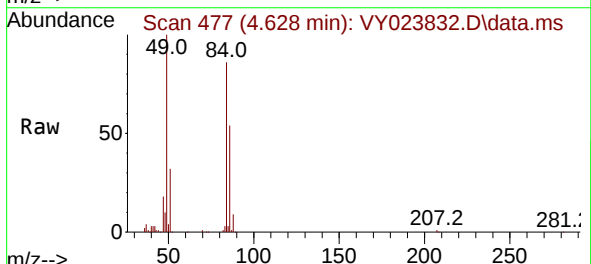
Tgt Ion: 73 Resp: 28358
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6

Manual Integrations
APPROVED

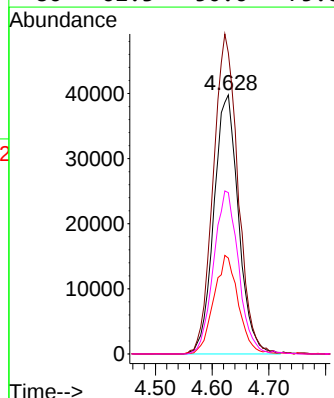
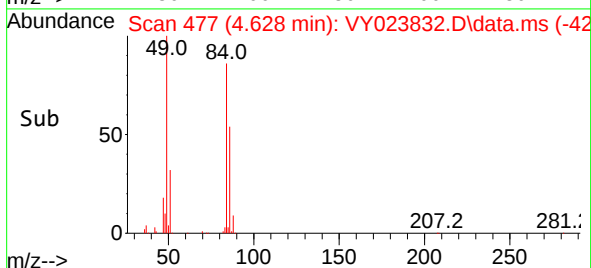
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

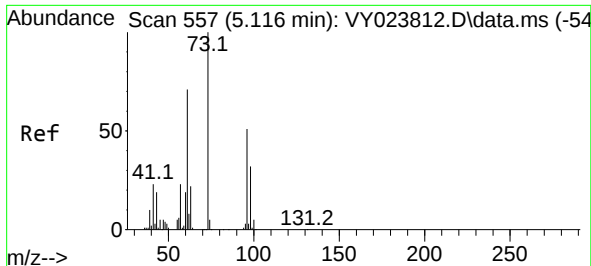


#20
Methylene Chloride
Concen: 19.246 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



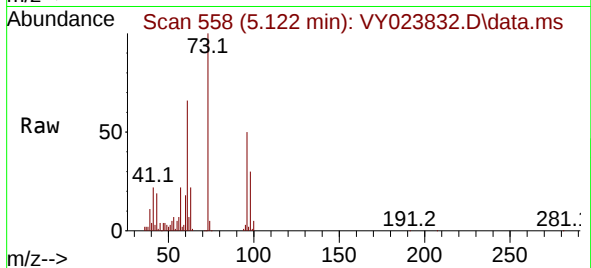
Tgt Ion: 84 Resp: 120089
Ion Ratio Lower Upper
84 100
49 116.2 94.0 141.0
51 37.0 29.2 43.8
86 62.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.332 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

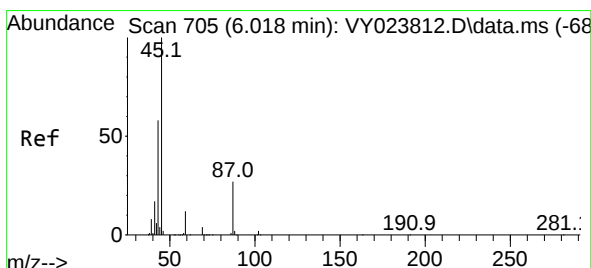
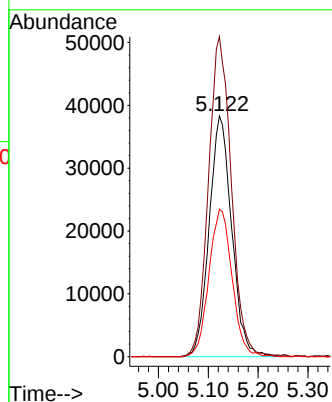
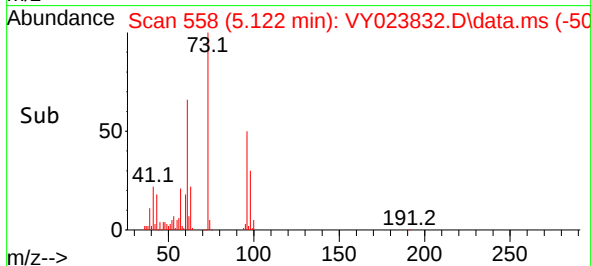
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



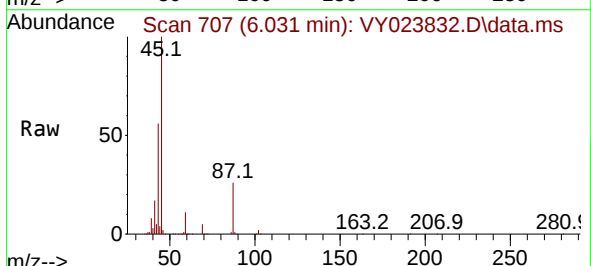
Tgt Ion: 96 Resp: 12029
Ion Ratio Lower Upper
96 100
61 132.8 111.2 166.8
98 61.2 50.5 75.7

Manual Integrations
APPROVED

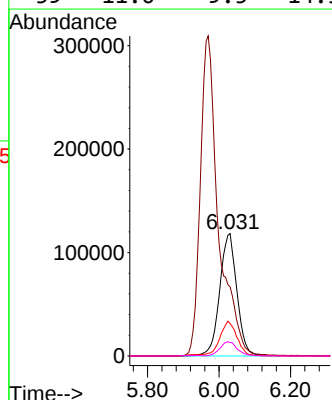
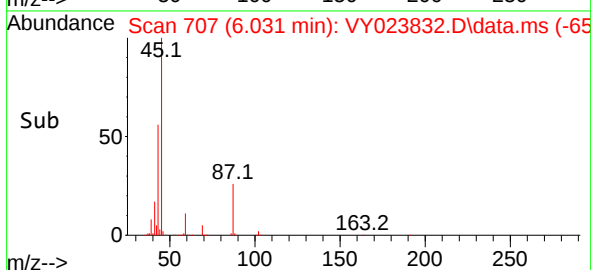
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

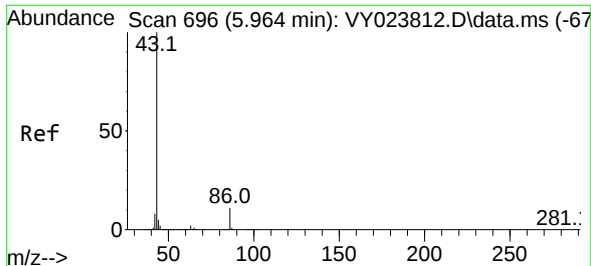


#22
Diisopropyl ether
Concen: 22.660 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



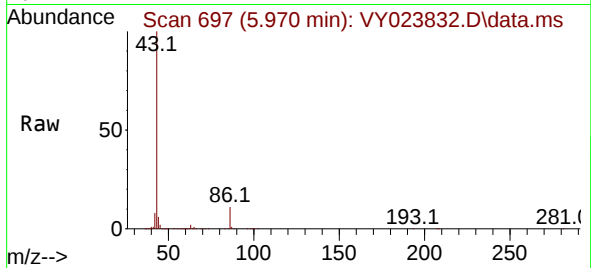
Tgt Ion: 45 Resp: 395326
Ion Ratio Lower Upper
45 100
43 56.4 46.4 69.6
87 26.4 22.1 33.1
59 11.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 112.730 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00

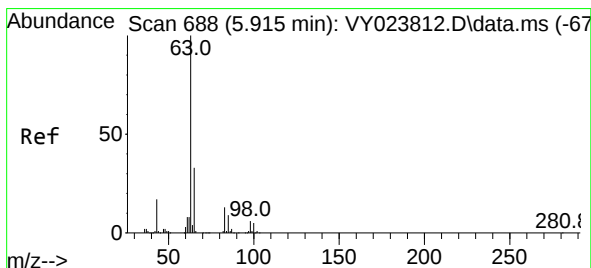
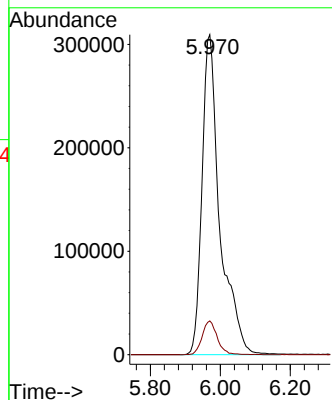
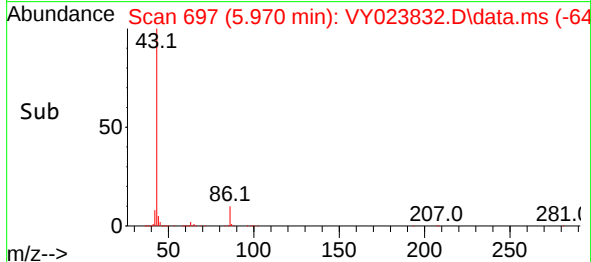
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01



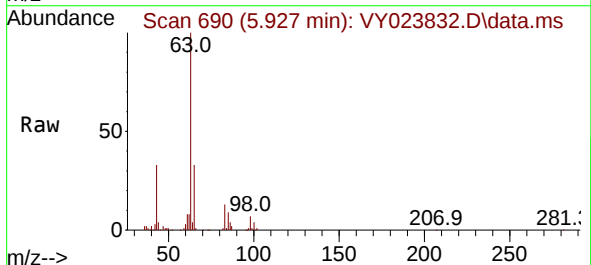
Tgt Ion: 43 Resp: 1093650
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

Manual Integrations
 APPROVED

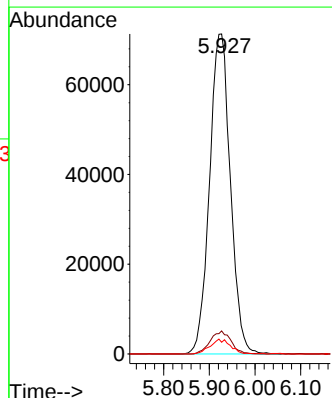
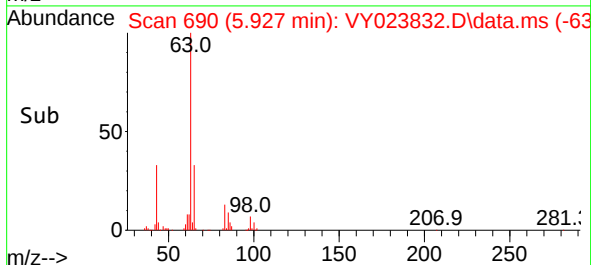
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

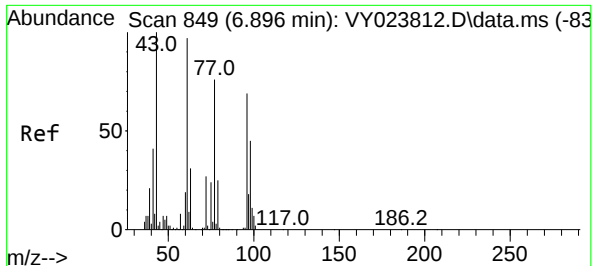


#24
 1,1-Dichloroethane
 Concen: 22.000 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00



Tgt Ion: 63 Resp: 225791
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.8
 100 3.7 2.3 6.9





#25

2-Butanone

Concen: 122.648 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 43 Resp: 220919

Ion Ratio Lower Upper

43 100

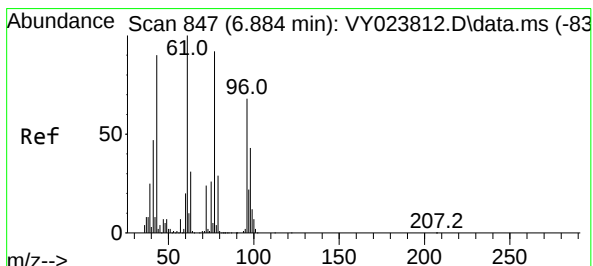
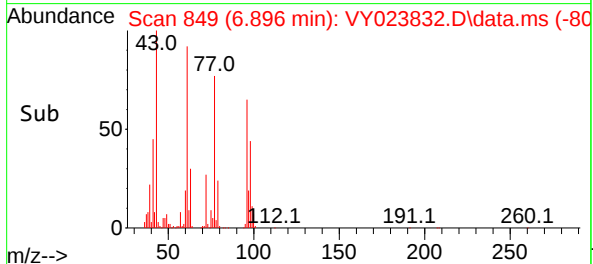
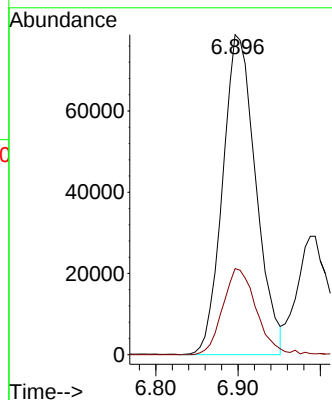
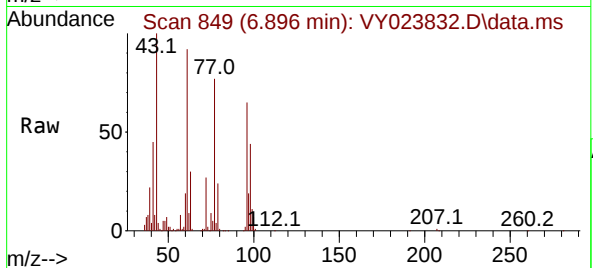
72 26.9 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#26

2,2-Dichloropropane

Concen: 21.614 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023832.D

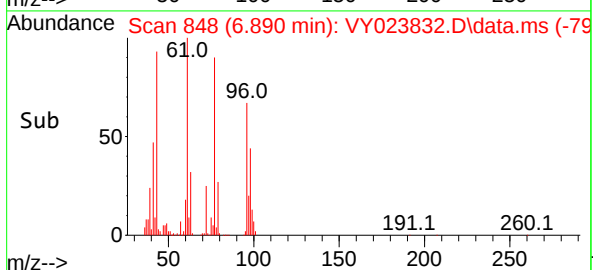
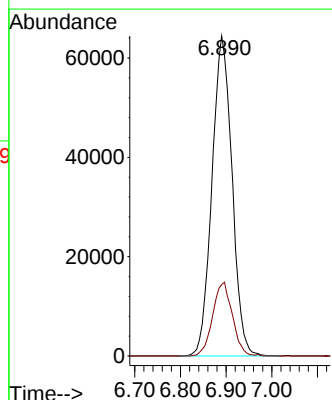
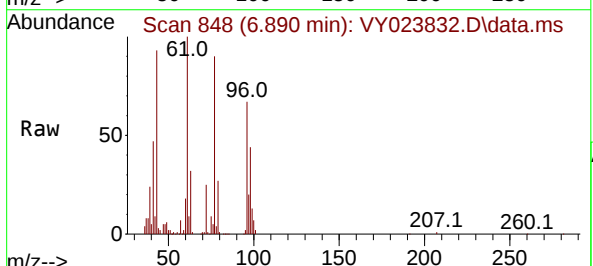
Acq: 01 Dec 2025 10:00

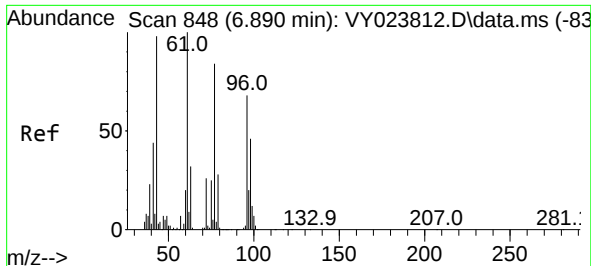
Tgt Ion: 77 Resp: 196626

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.498 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 96 Resp: 140774

Ion Ratio Lower Upper

96 100

61 145.7 0.0 291.2

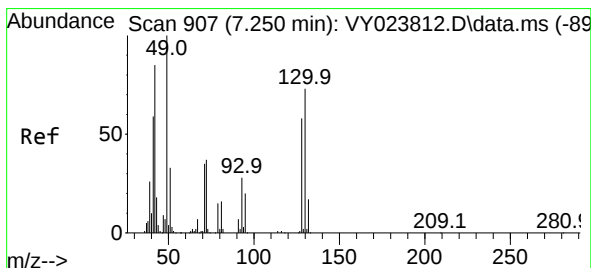
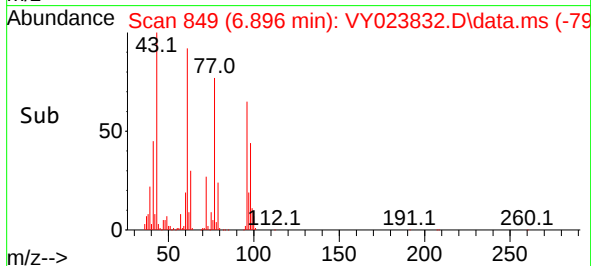
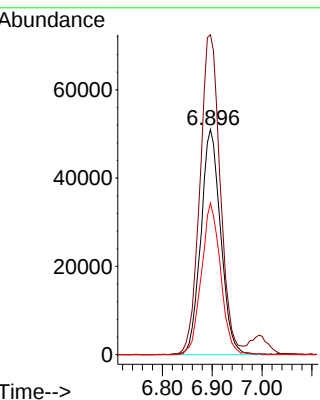
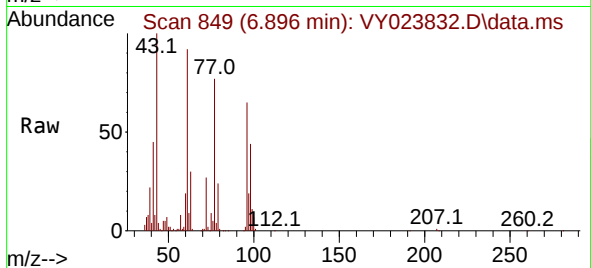
98 65.1 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#28

Bromochloromethane

Concen: 19.472 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

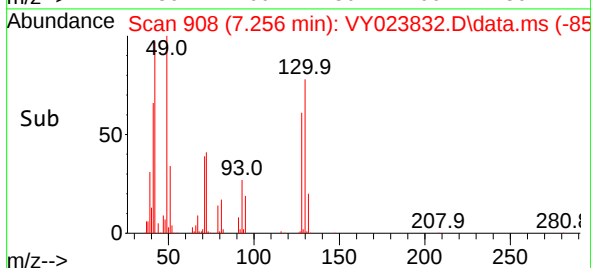
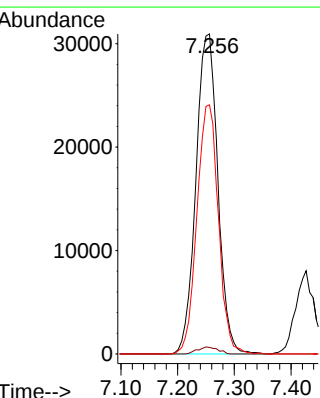
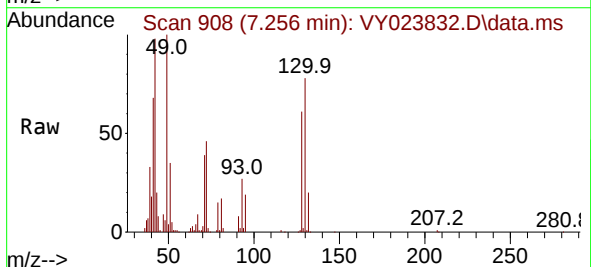
Tgt Ion: 49 Resp: 83127

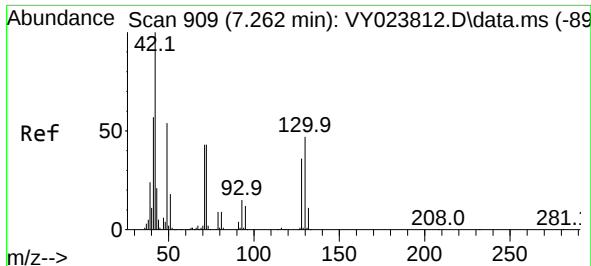
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 76.2 61.4 92.2





#29

Tetrahydrofuran

Concen: 110.275 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 42 Resp: 110780

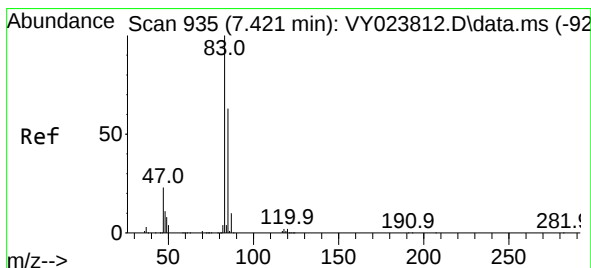
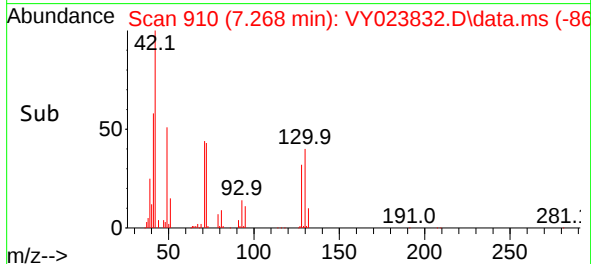
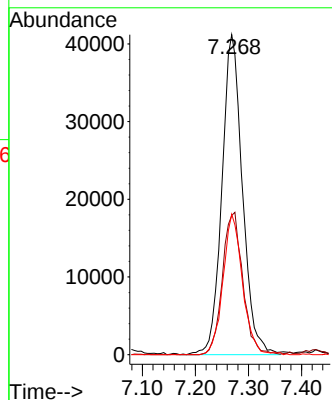
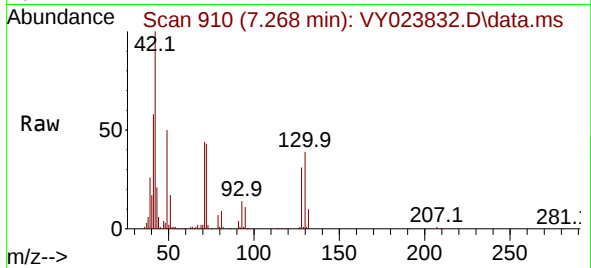
Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.9	53.9
71	41.5	33.3	49.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#30

Chloroform

Concen: 22.104 ug/l

RT: 7.427 min Scan# 936

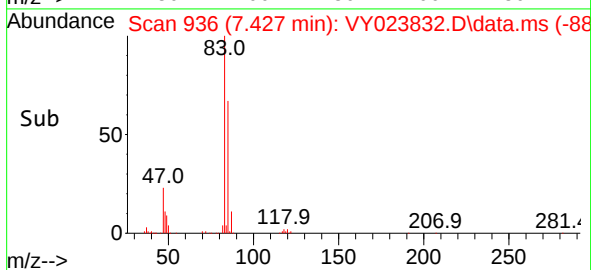
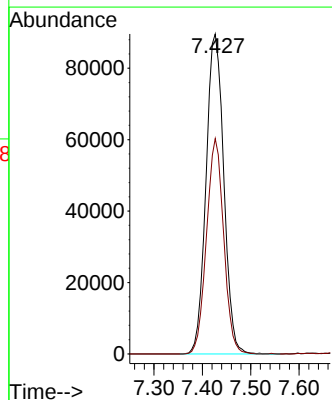
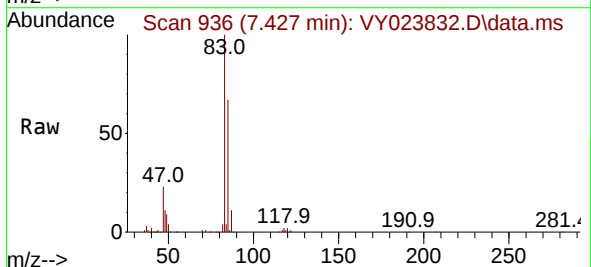
Delta R.T. 0.006 min

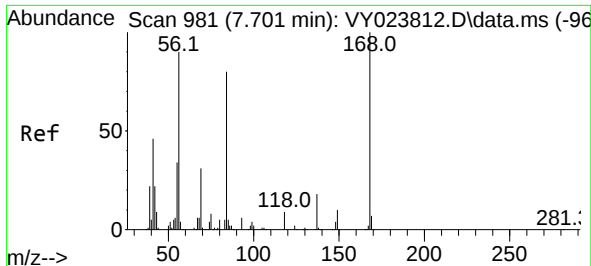
Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Tgt Ion: 83 Resp: 228113

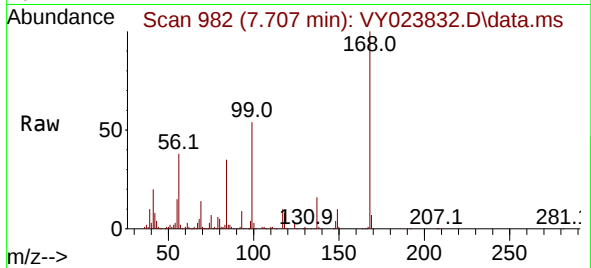
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.6	76.0





#31
Cyclohexane
Concen: 21.279 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

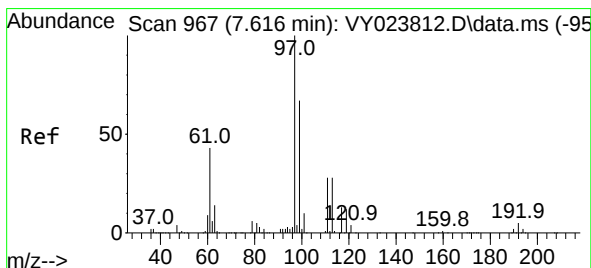
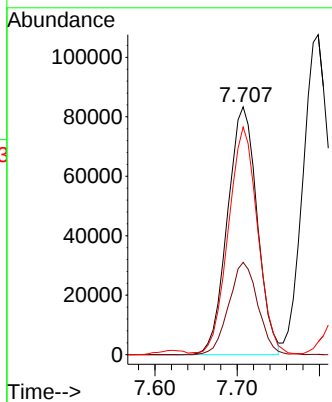
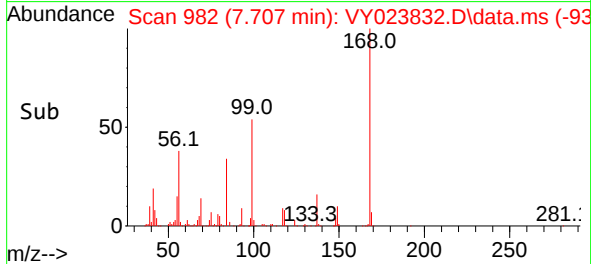
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



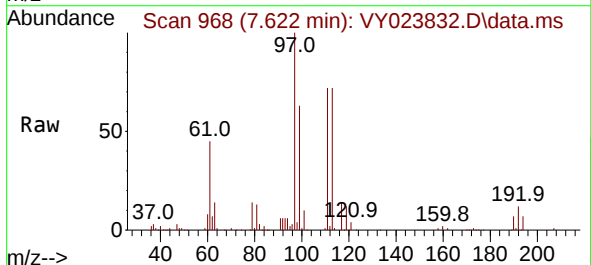
Tgt Ion: 56 Resp: 209574
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.6
84 90.3 71.8 107.8

Manual Integrations
APPROVED

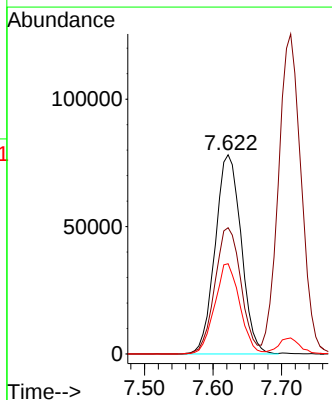
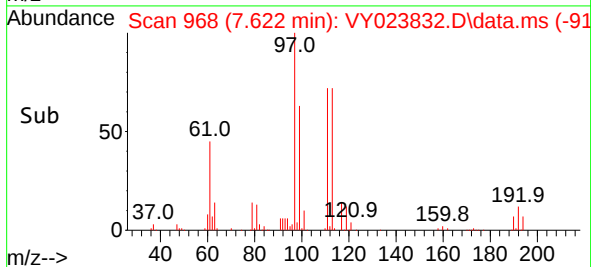
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

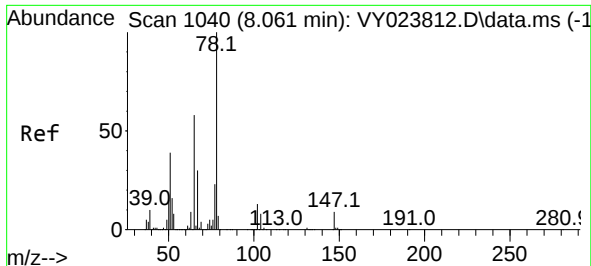


#32
1,1,1-Trichloroethane
Concen: 22.475 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



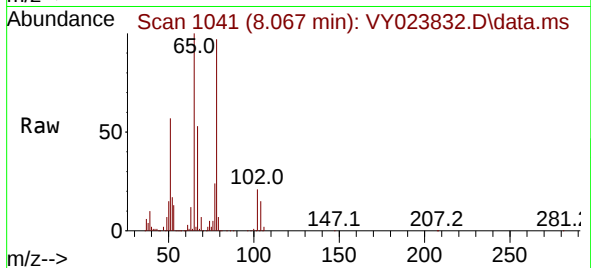
Tgt Ion: 97 Resp: 205882
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 43.9 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 47.978 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

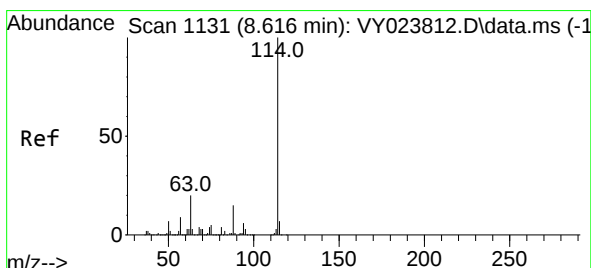
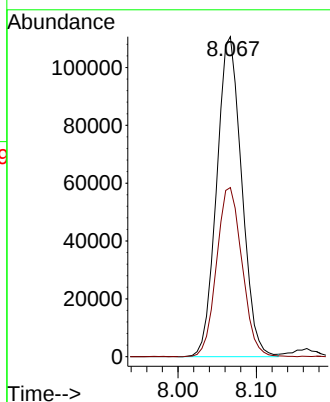
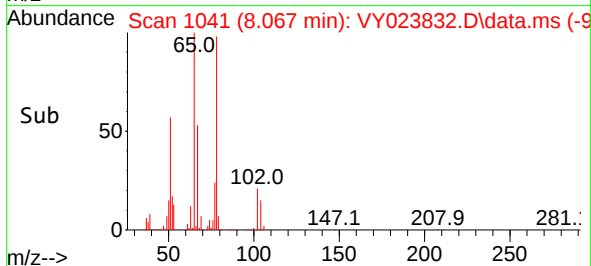
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 65 Resp: 24578
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

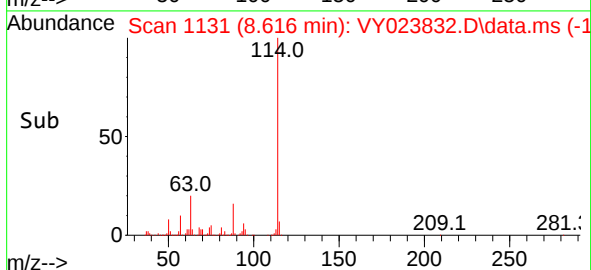
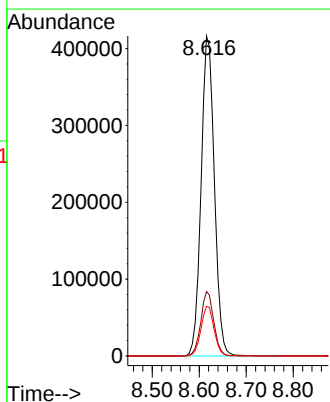
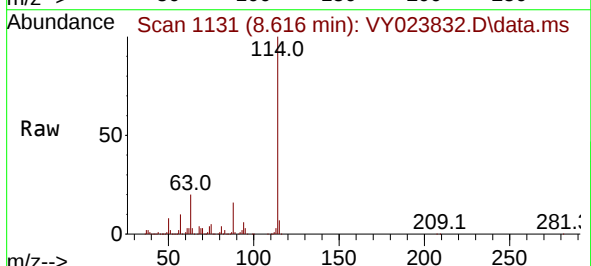
Manual Integrations
APPROVED

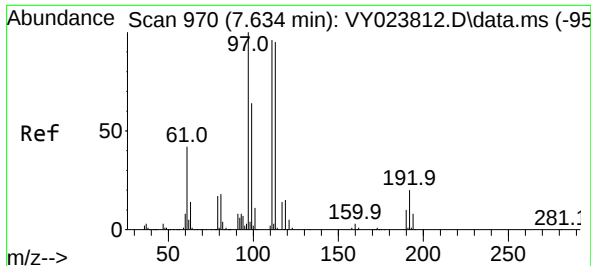
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

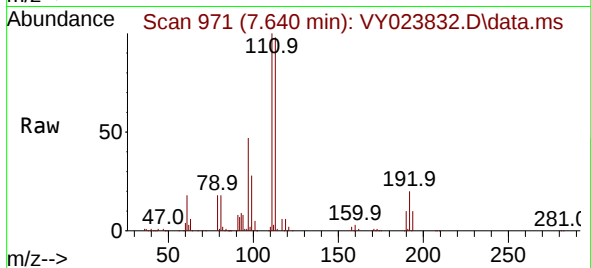
Tgt Ion:114 Resp: 818117
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.4
88 15.5 0.0 30.8





#35
Dibromofluoromethane
Concen: 50.494 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

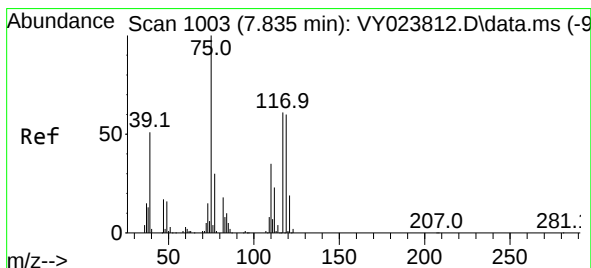
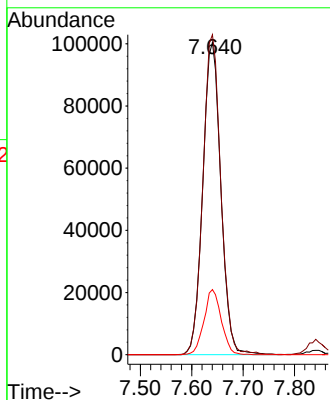
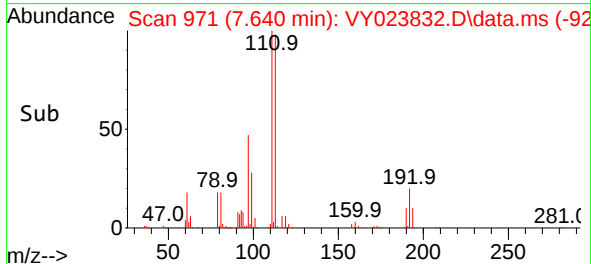
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



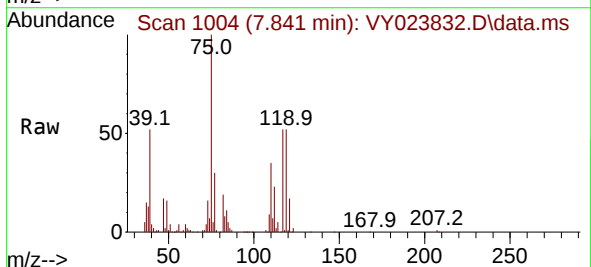
Tgt Ion:113 Resp: 244714
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 20.0 15.8 23.8

Manual Integrations
APPROVED

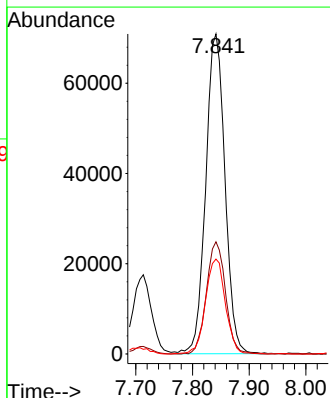
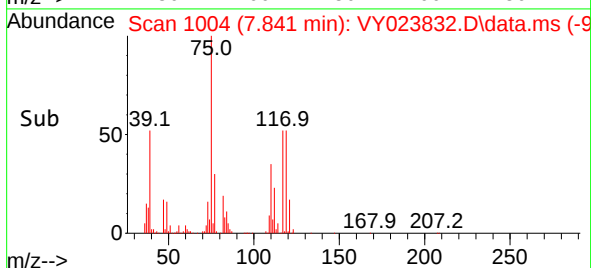
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

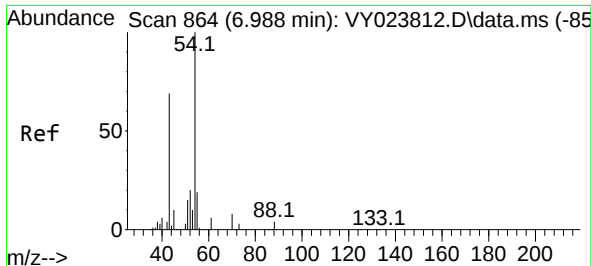


#36
1,1-Dichloropropene
Concen: 22.501 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion: 75 Resp: 167201
Ion Ratio Lower Upper
75 100
110 34.8 17.6 52.8
77 30.8 24.9 37.3





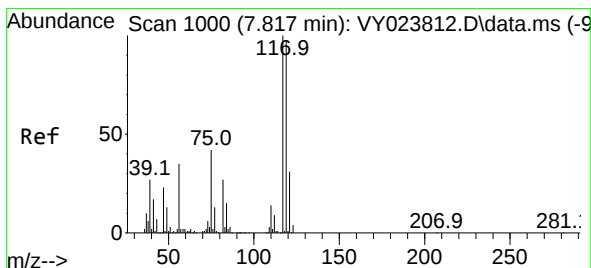
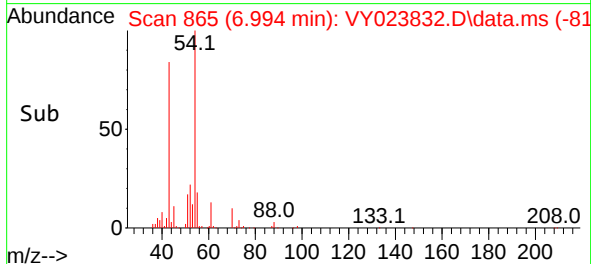
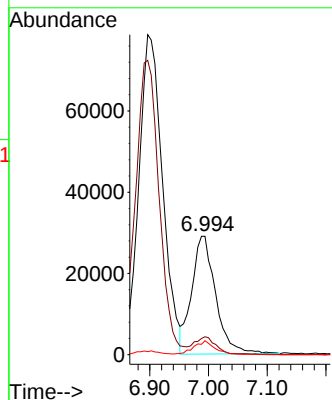
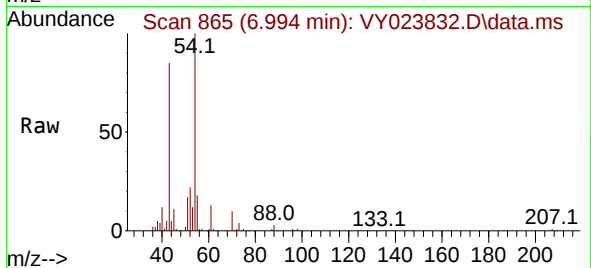
#37
Ethyl Acetate
Concen: 23.609 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 43 Resp: 82518
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 10.0 8.1 12.1

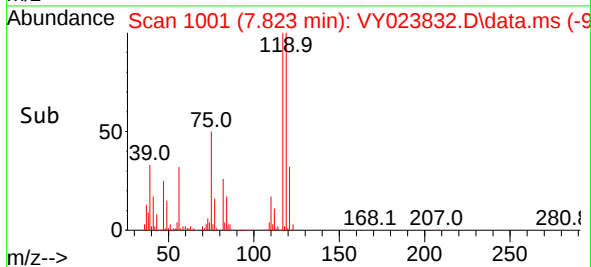
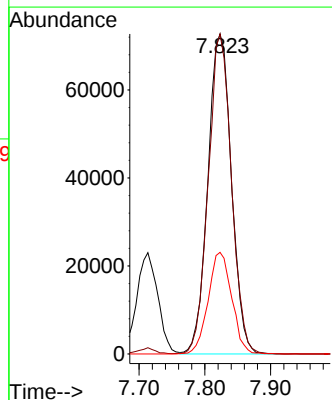
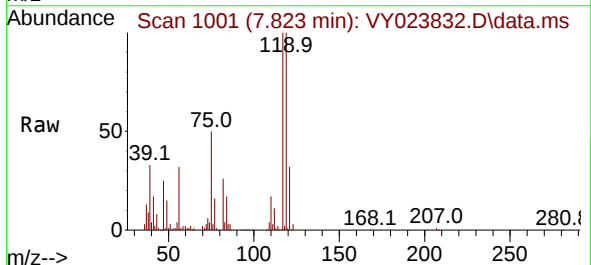
Manual Integrations
APPROVED

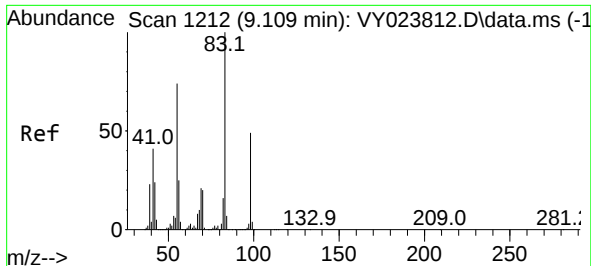
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#38
Carbon Tetrachloride
Concen: 22.280 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Tgt Ion:117 Resp: 181727
Ion Ratio Lower Upper
117 100
119 99.9 77.3 115.9
121 31.7 25.0 37.6





#39

Methylcyclohexane

Concen: 21.811 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023832.D

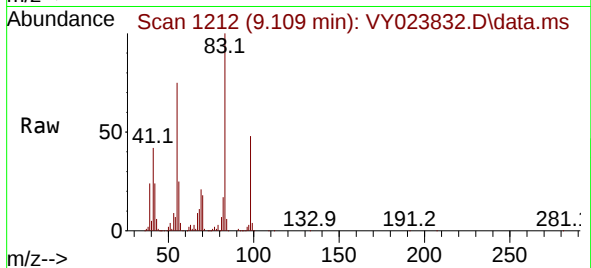
Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01



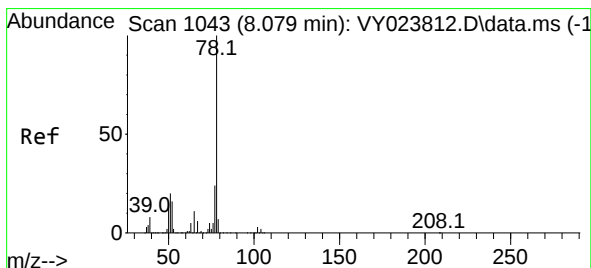
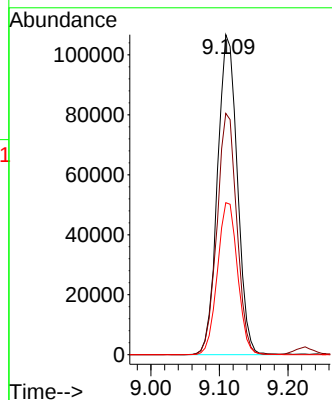
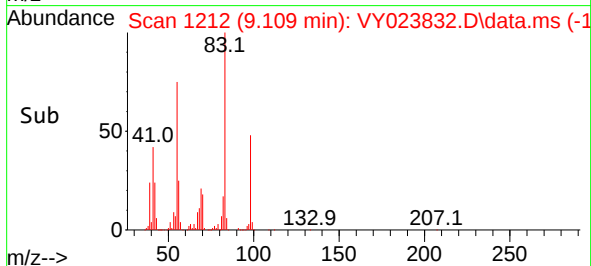
Tgt Ion:	83	Resp:	21405
Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.4	89.2
98	47.5	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#40

Benzene

Concen: 21.784 ug/l

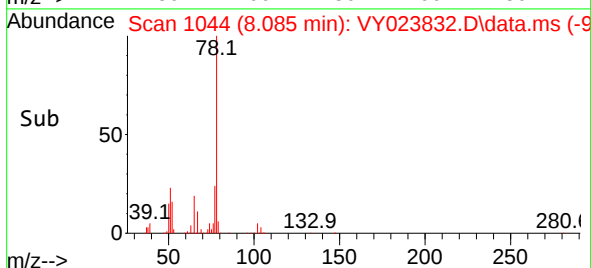
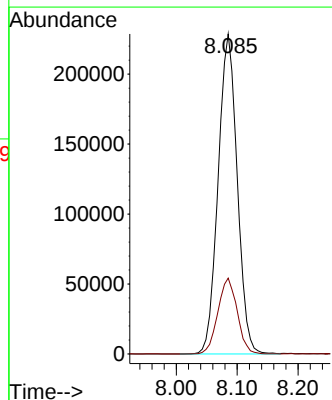
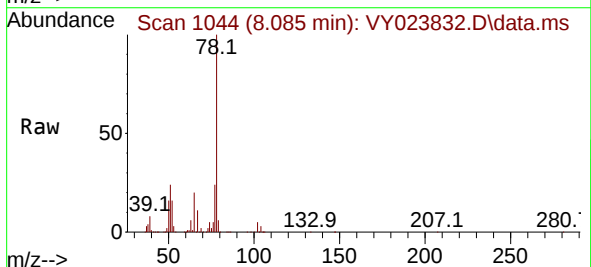
RT: 8.085 min Scan# 1044

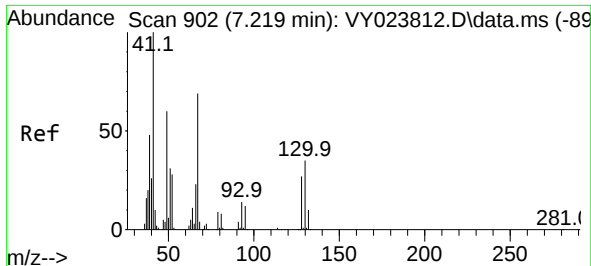
Delta R.T. 0.006 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

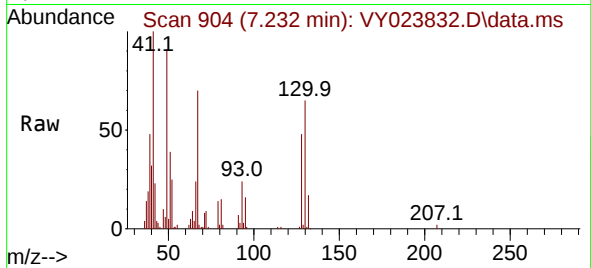
Tgt Ion:	78	Resp:	498139
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41
Methacrylonitrile
Concen: 21.869 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

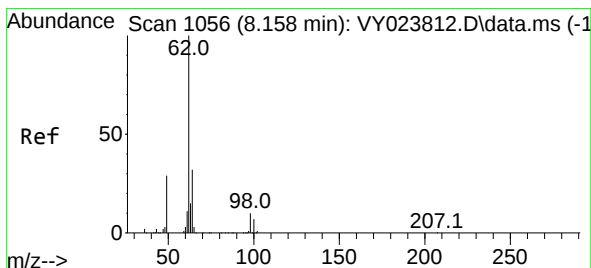
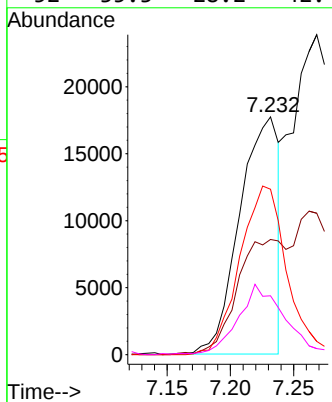
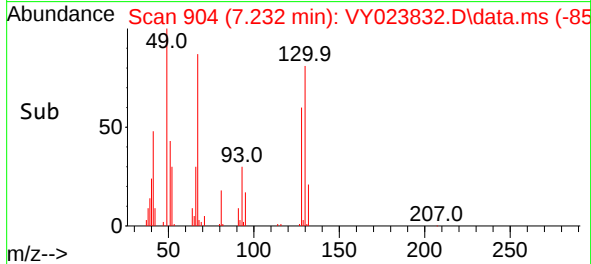
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 41 Resp: 38160
Ion Ratio Lower Upper
41 100
39 60.1 40.6 61.0
67 86.5 67.9 101.9
52 35.3 28.2 42.4

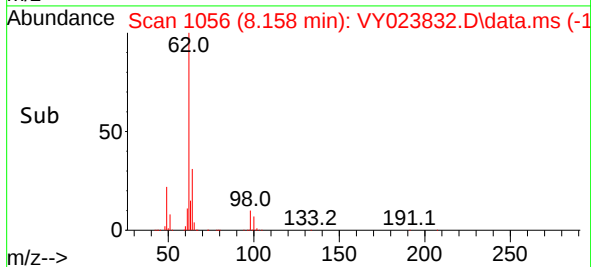
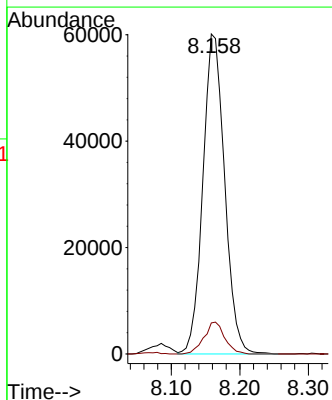
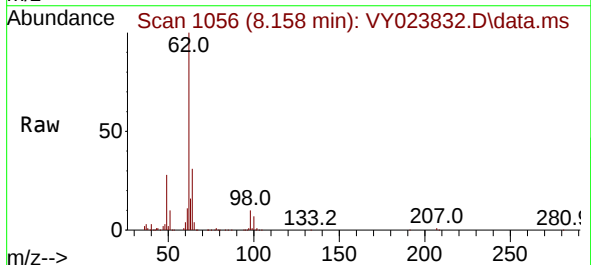
Manual Integrations
APPROVED

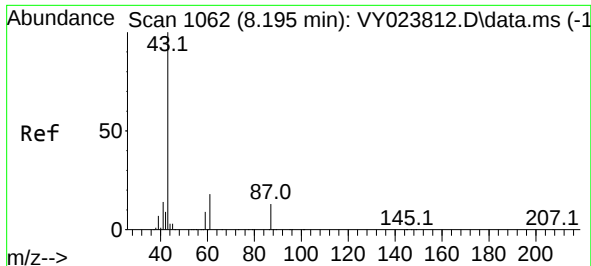
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#42
1,2-Dichloroethane
Concen: 22.535 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Tgt Ion: 62 Resp: 132848
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





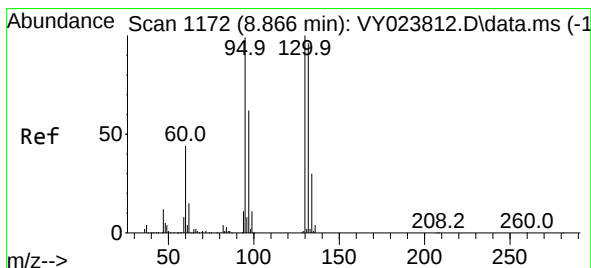
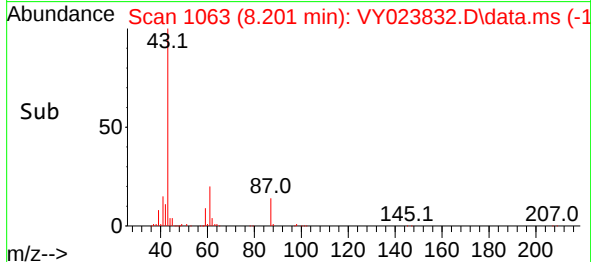
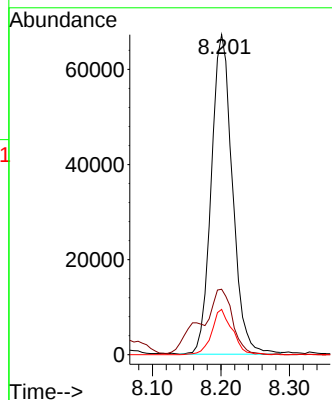
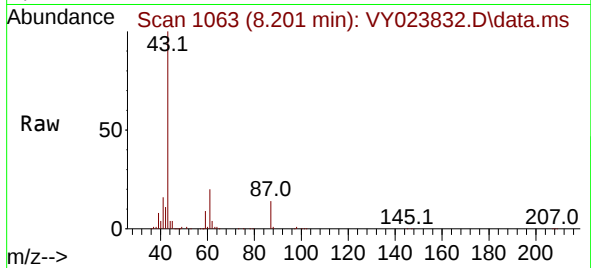
#43
Isopropyl Acetate
Concen: 22.077 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 43 Resp: 14420
Ion Ratio Lower Upper
43 100
61 20.4 24.3 36.5
87 13.7 11.0 16.4

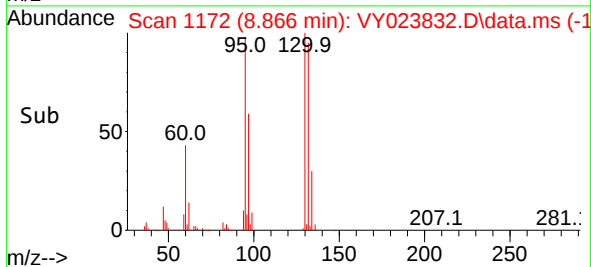
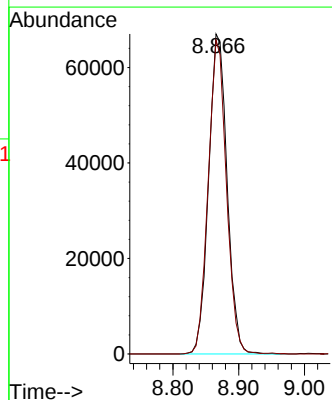
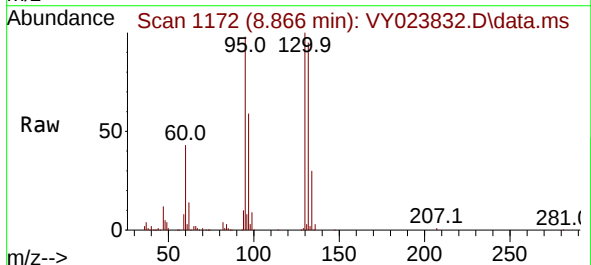
Manual Integrations
APPROVED

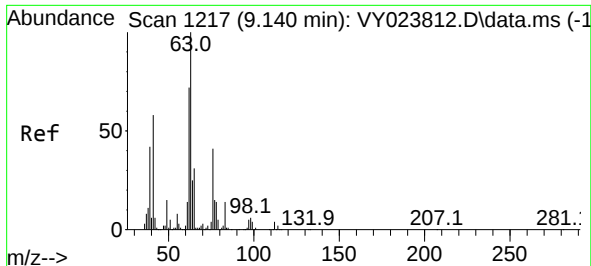
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#44
Trichloroethene
Concen: 22.335 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Tgt Ion:130 Resp: 131042
Ion Ratio Lower Upper
130 100
95 98.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 22.663 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 63 Resp: 122189

Ion Ratio Lower Upper

63 100

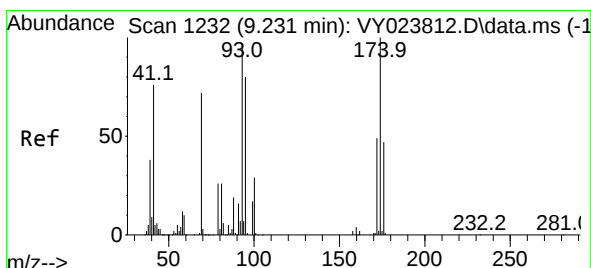
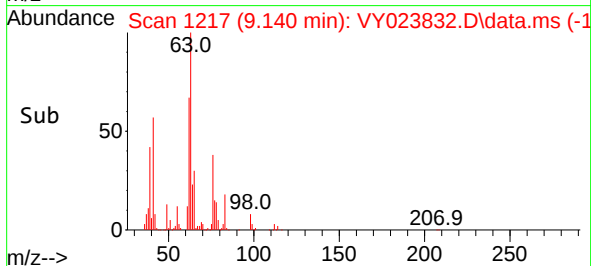
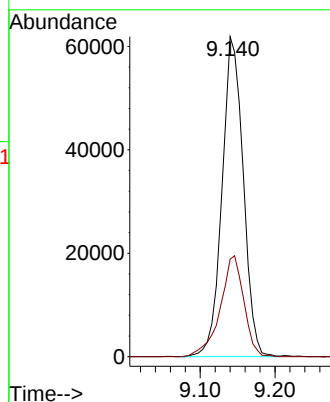
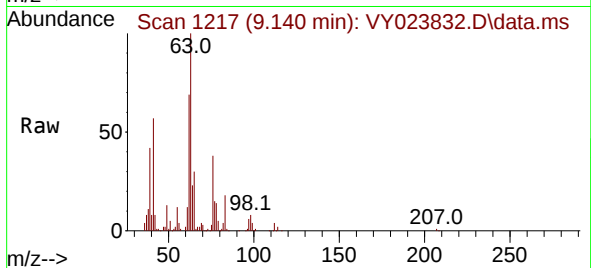
65 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#46

Dibromomethane

Concen: 22.335 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

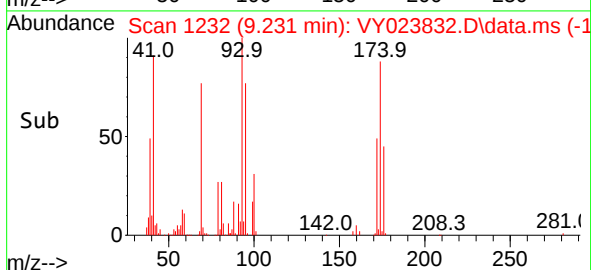
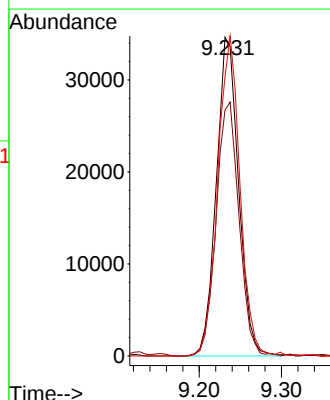
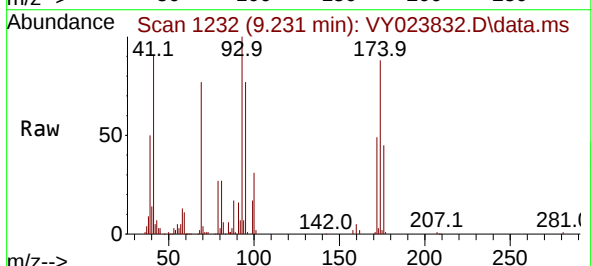
Tgt Ion: 93 Resp: 65343

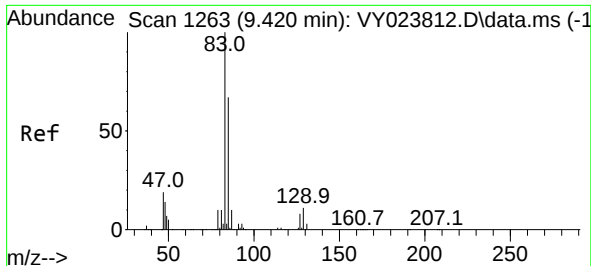
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 99.4 80.6 121.0





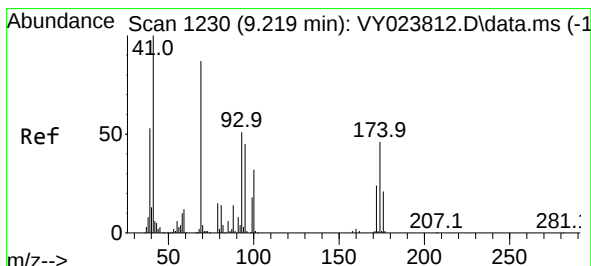
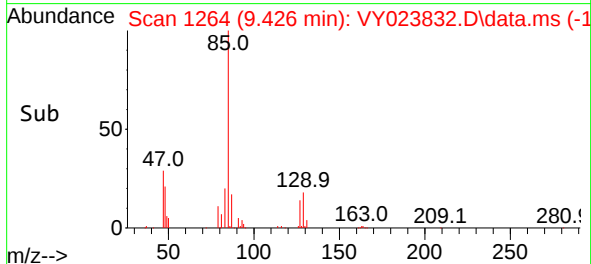
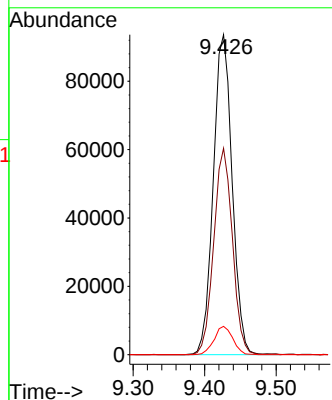
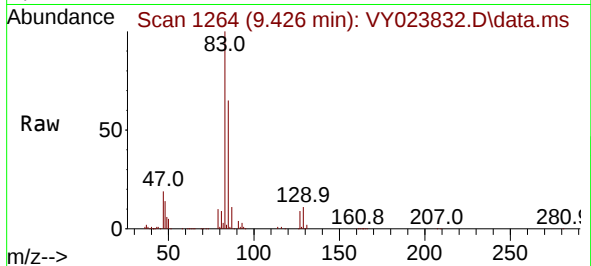
#47
Bromodichloromethane
Concen: 22.435 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 83 Resp: 17153
Ion Ratio Lower Upper
83 100
85 64.5 53.7 80.5
127 8.8 6.6 10.0

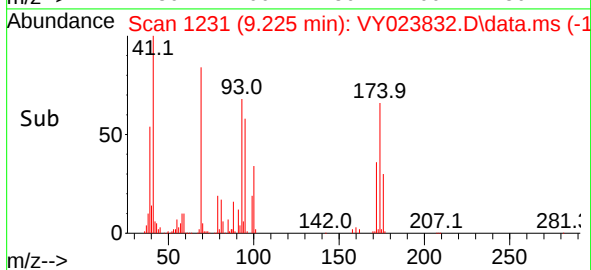
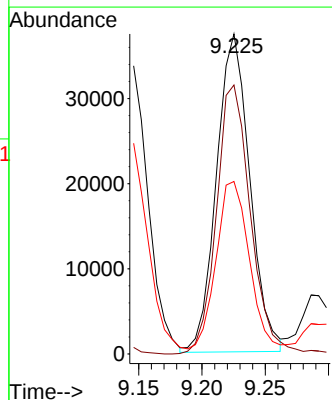
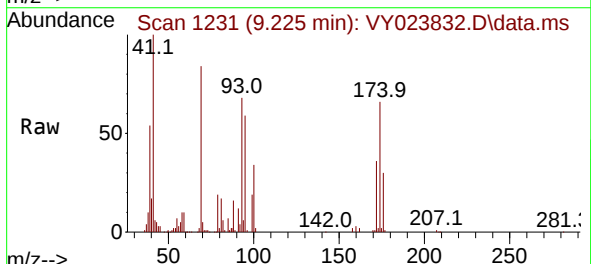
Manual Integrations
APPROVED

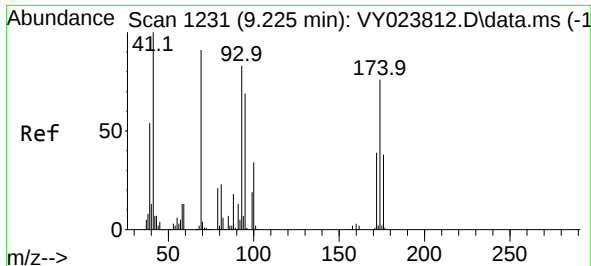
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#48
Methyl methacrylate
Concen: 22.244 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Tgt Ion: 41 Resp: 68408
Ion Ratio Lower Upper
41 100
69 86.8 69.1 103.7
39 52.2 41.2 61.8





#49

1,4-Dioxane

Concen: 484.179 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 88 Resp: 1587

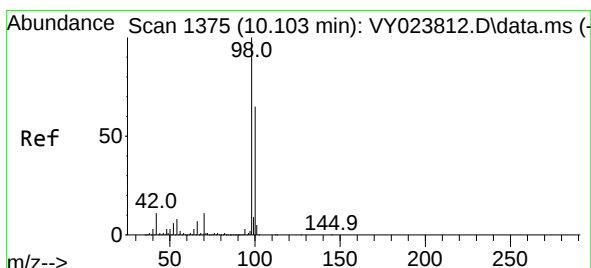
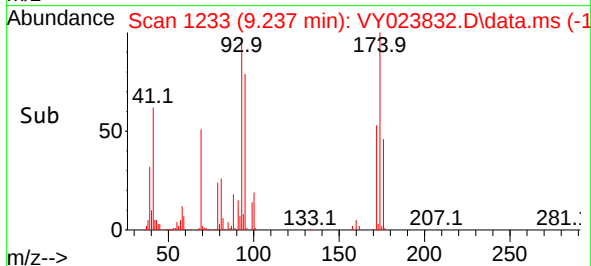
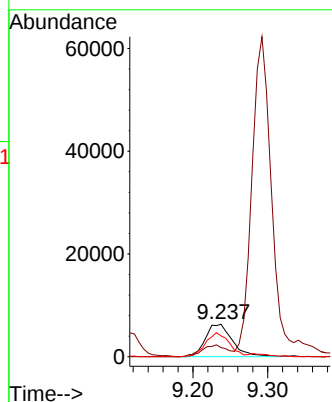
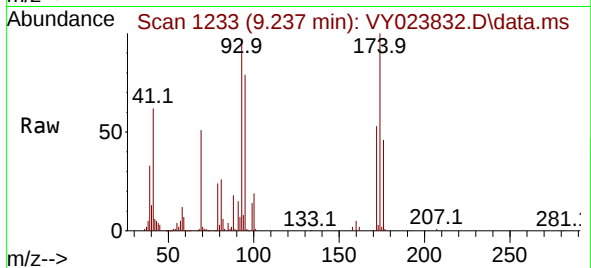
Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.6	37.0
58	65.1	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#50

Toluene-d8

Concen: 49.969 ug/l

RT: 10.109 min Scan# 1376

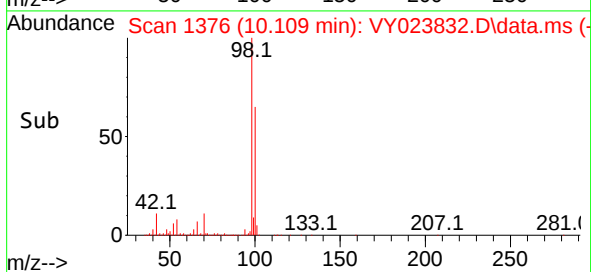
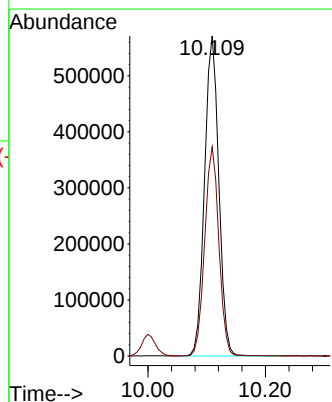
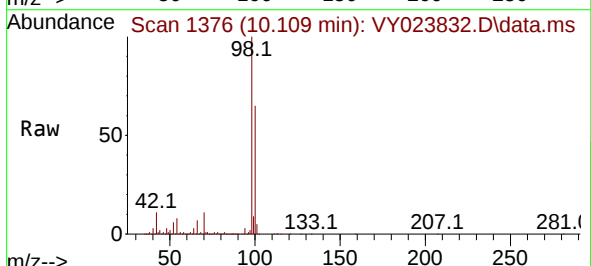
Delta R.T. 0.006 min

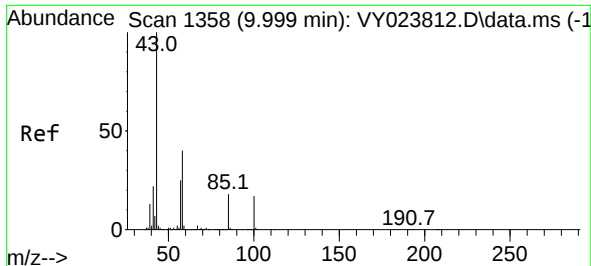
Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Tgt Ion: 98 Resp: 961906

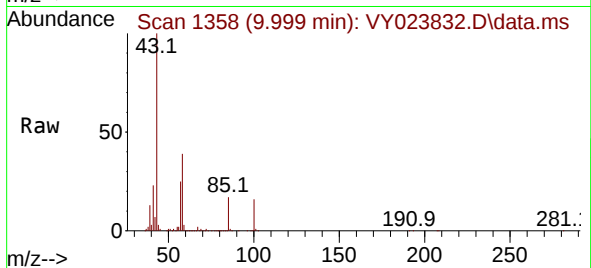
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 114.855 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

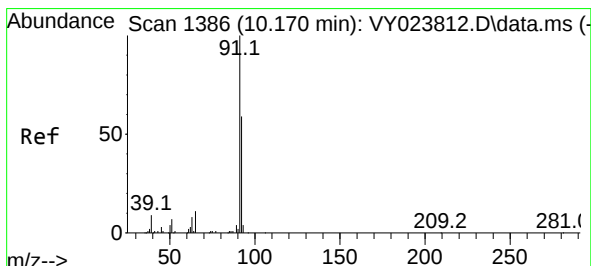
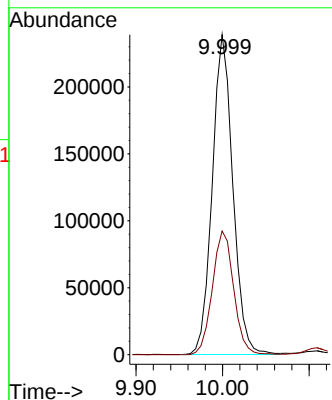
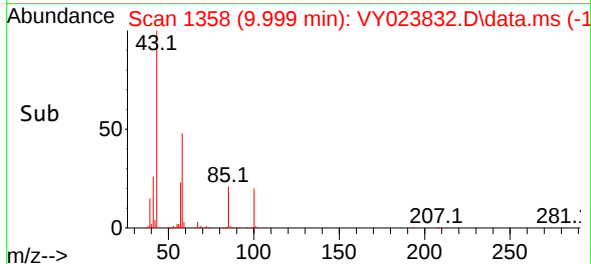
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



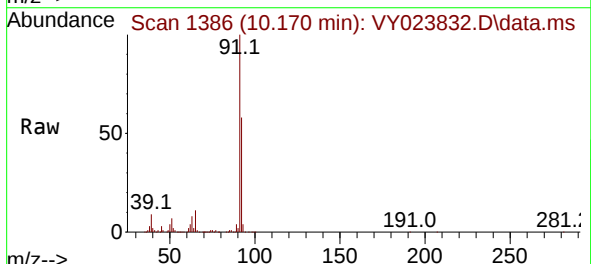
Tgt Ion: 43 Resp: 394930
Ion Ratio Lower Upper
43 100
58 40.0 32.4 48.6

Manual Integrations
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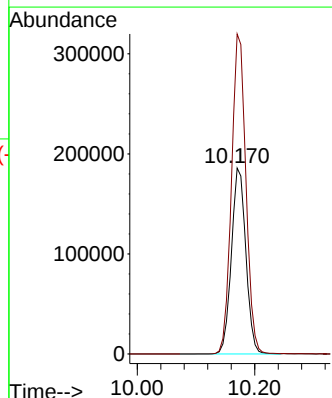
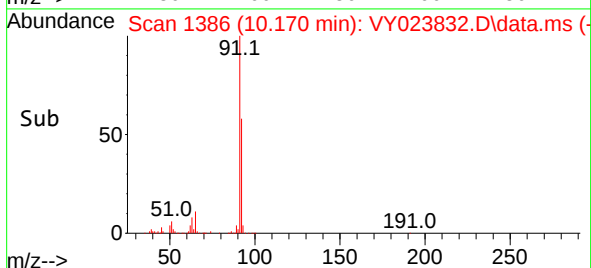
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

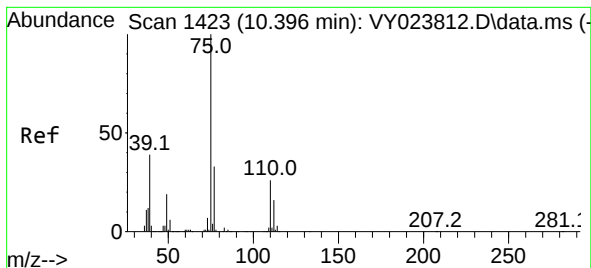


#52
Toluene
Concen: 22.385 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



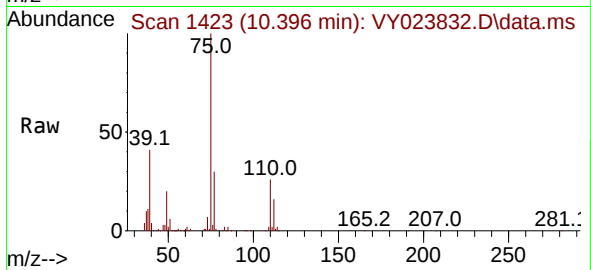
Tgt Ion: 92 Resp: 317325
Ion Ratio Lower Upper
92 100
91 172.0 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 21.816 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

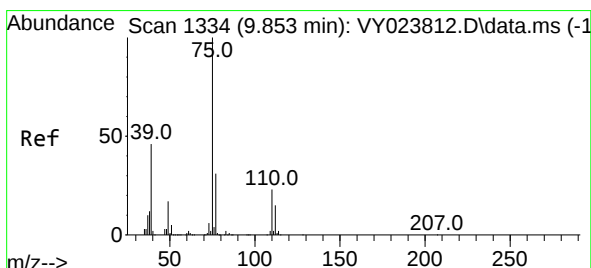
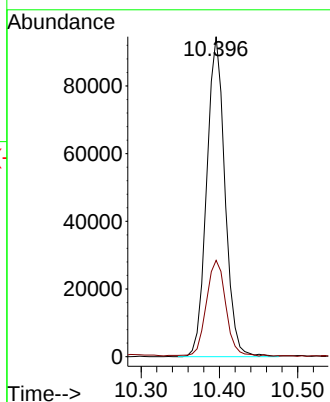
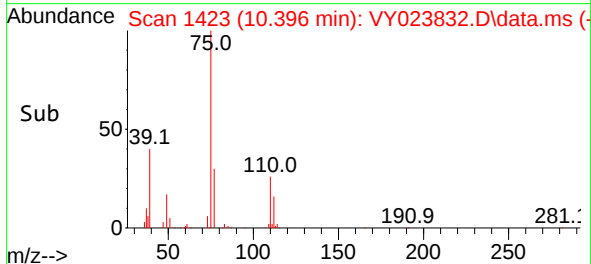
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



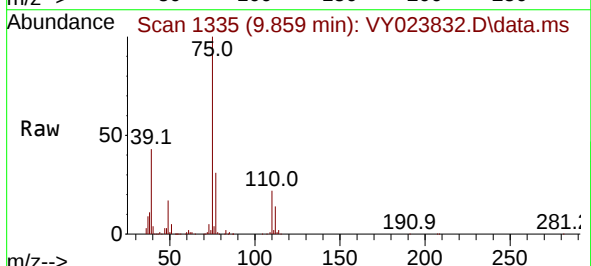
Tgt Ion: 75 Resp: 152790
Ion Ratio Lower Upper
75 100
77 29.8 26.2 39.2

Manual Integrations
APPROVED

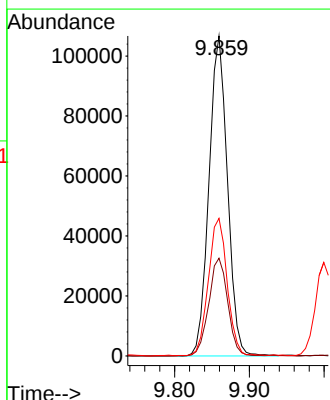
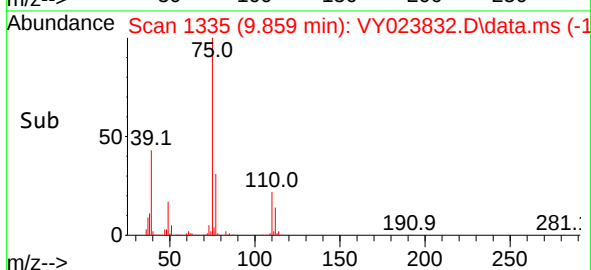
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

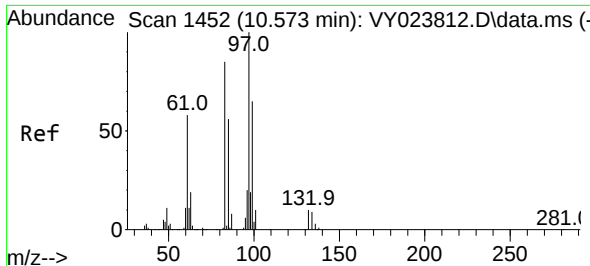


#54
cis-1,3-Dichloropropene
Concen: 21.842 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



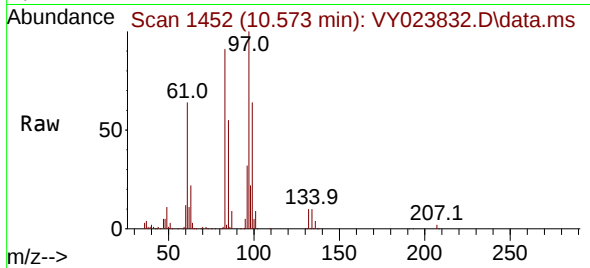
Tgt Ion: 75 Resp: 183114
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 42.9 36.6 55.0





#55
1,1,2-Trichloroethane
Concen: 23.001 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

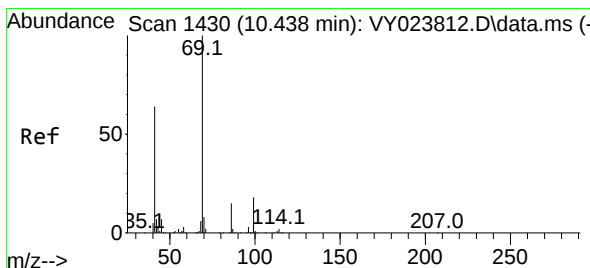
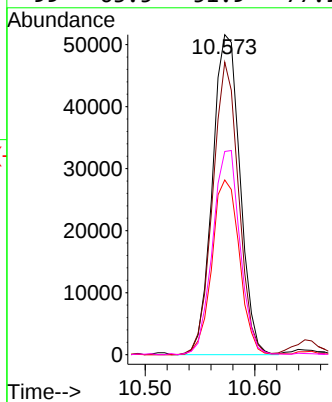
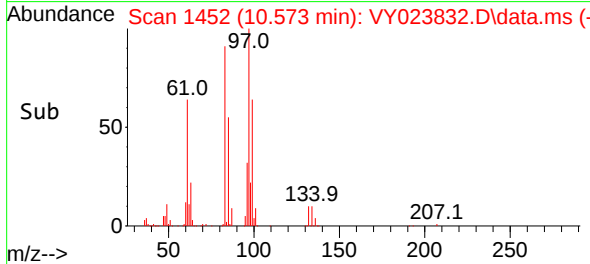


Tgt Ion: 97 Resp: 90140

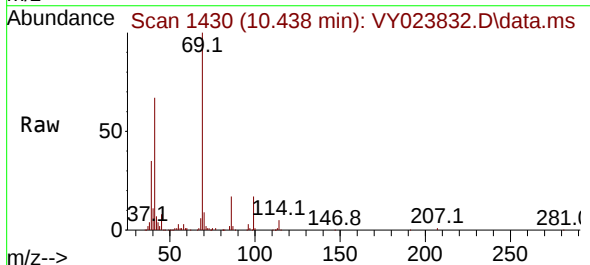
Ion	Ratio	Lower	Upper
97	100		
83	91.4	68.1	102.1
85	54.5	45.0	67.4
99	63.5	51.9	77.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

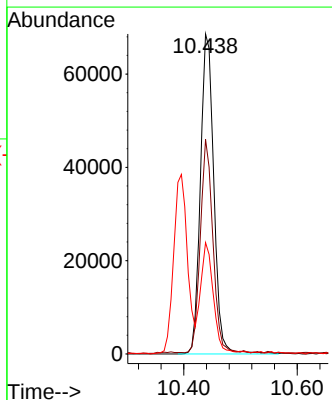
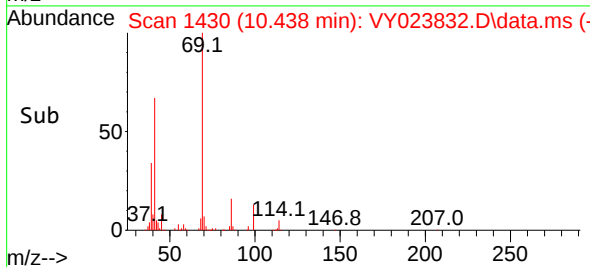


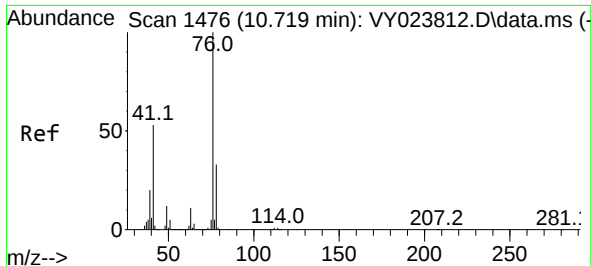
#56
Ethyl methacrylate
Concen: 21.871 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion: 69 Resp: 112544

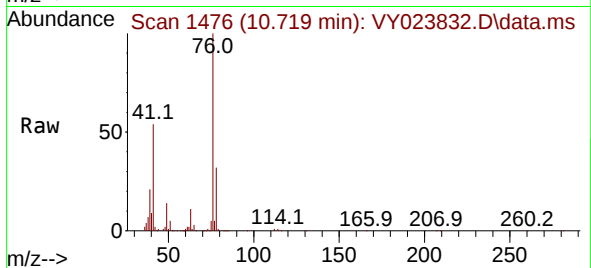
Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.9	76.3
39	31.8	26.6	40.0





#57
1,3-Dichloropropane
Concen: 22.389 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

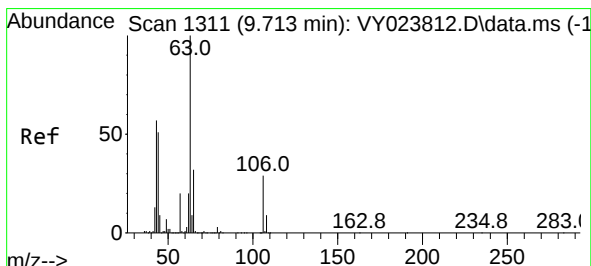
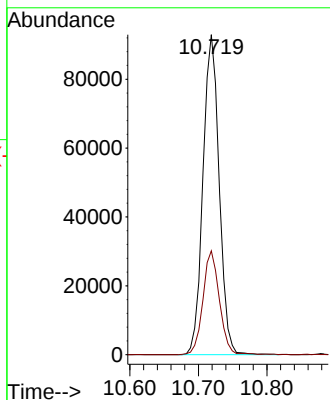
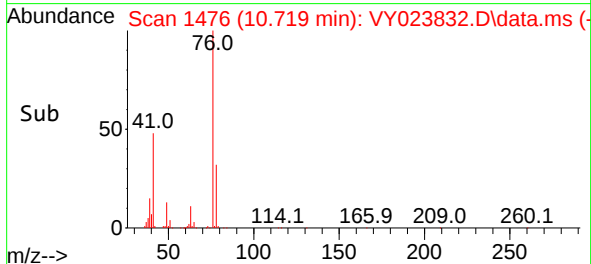
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



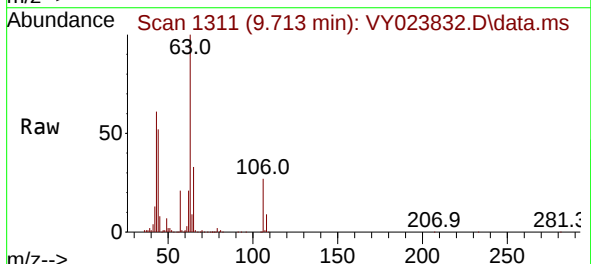
Tgt Ion: 76 Resp: 153060
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

Manual Integrations
APPROVED

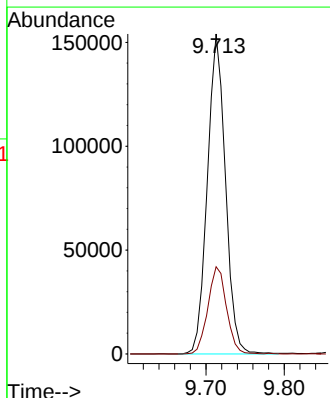
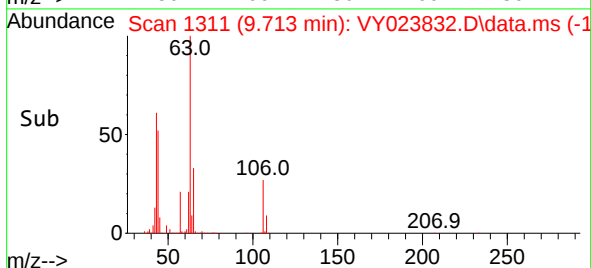
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

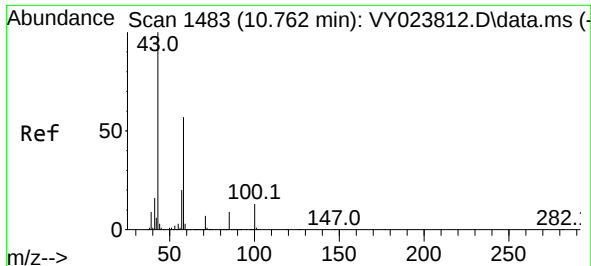


#58
2-Chloroethyl Vinyl ether
Concen: 99.760 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



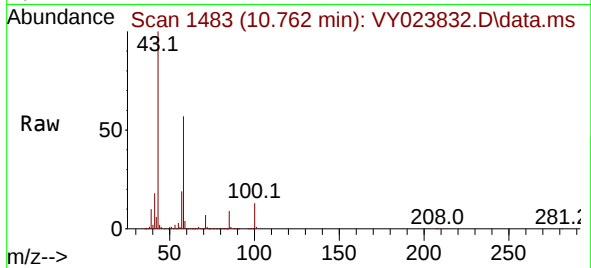
Tgt Ion: 63 Resp: 246607
Ion Ratio Lower Upper
63 100
106 28.0 22.2 33.2





#59
2-Hexanone
Concen: 121.893 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

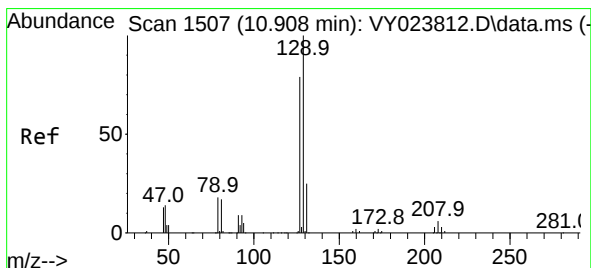
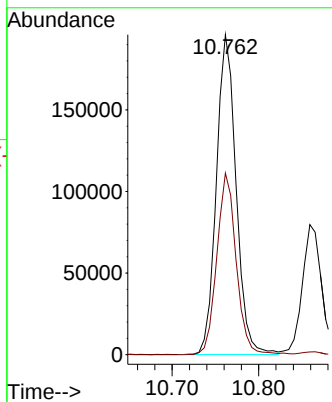
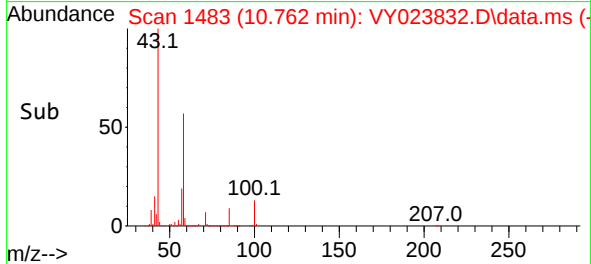
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



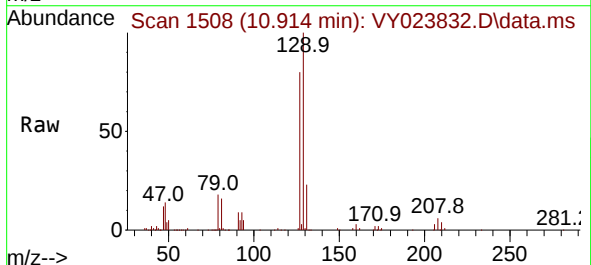
Tgt Ion: 43 Resp: 309938
Ion Ratio Lower Upper
43 100
58 55.9 28.3 85.0

Manual Integrations
APPROVED

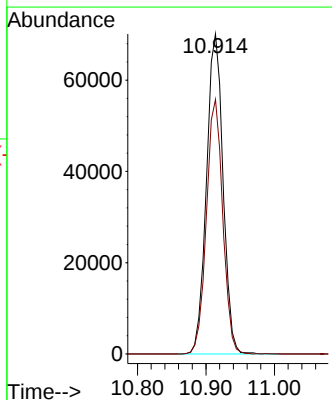
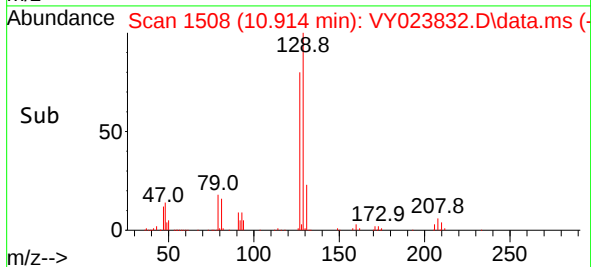
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

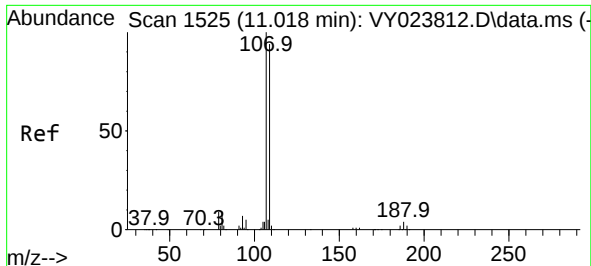


#60
Dibromochloromethane
Concen: 22.413 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion:129 Resp: 117865
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





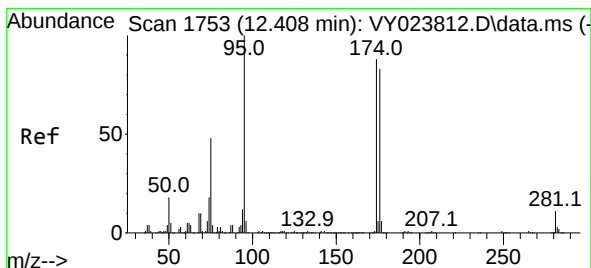
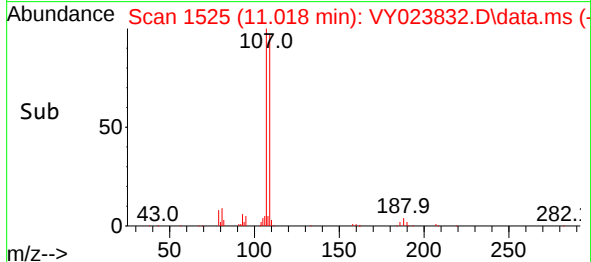
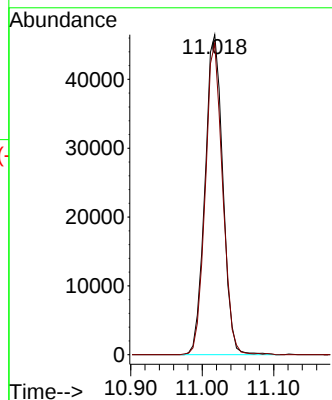
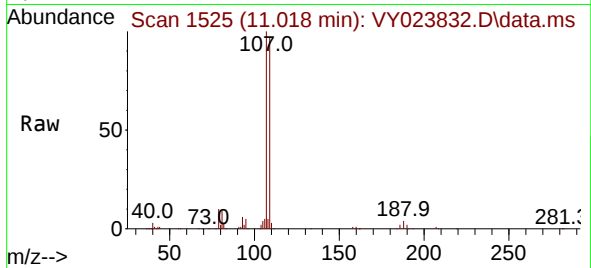
#61
1,2-Dibromoethane
Concen: 22.082 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion:107 Resp: 80328
Ion Ratio Lower Upper
107 100
109 94.5 76.7 115.1

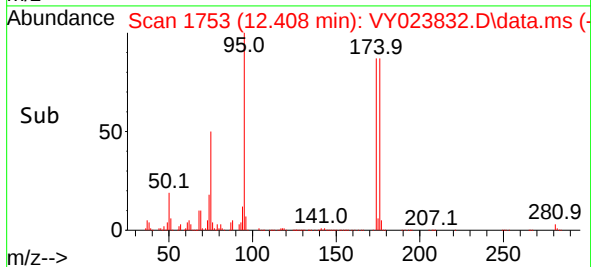
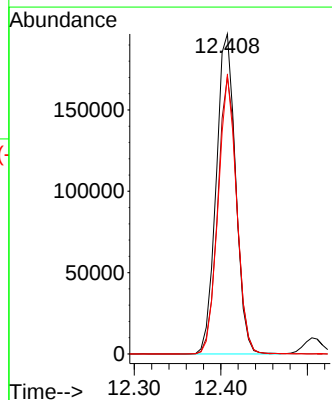
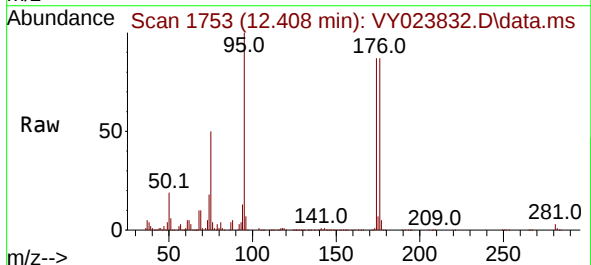
Manual Integrations
APPROVED

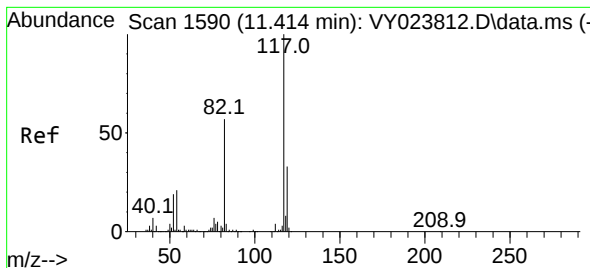
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#62
4-Bromofluorobenzene
Concen: 48.325 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

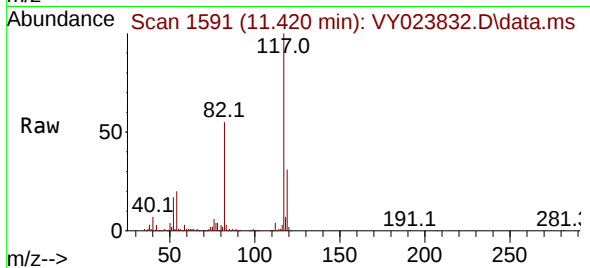
Tgt Ion: 95 Resp: 306085
Ion Ratio Lower Upper
95 100
174 84.9 0.0 168.6
176 82.7 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

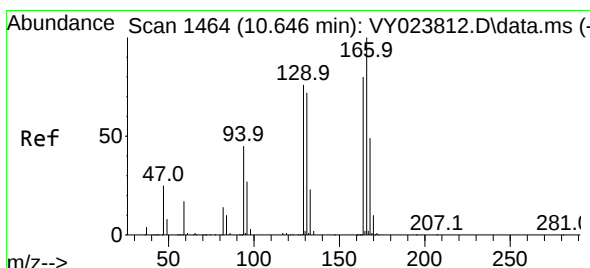
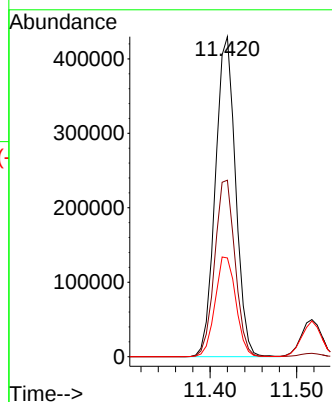
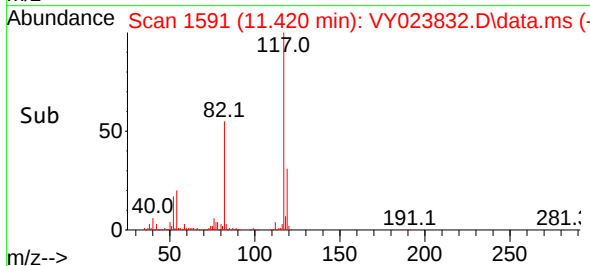
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



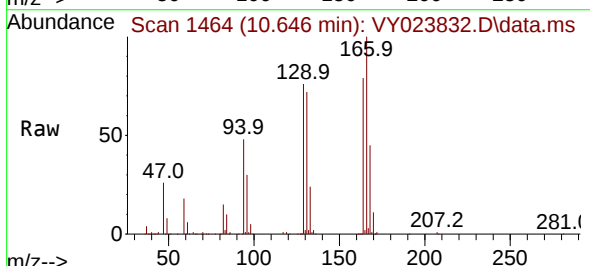
Tgt Ion:117 Resp: 695554
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 30.8 26.0 39.0

Manual Integrations
APPROVED

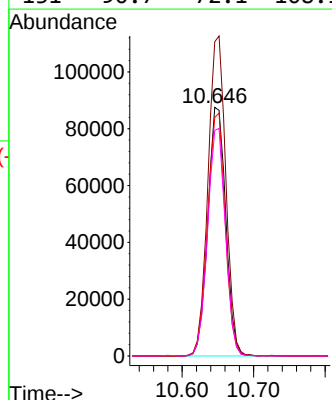
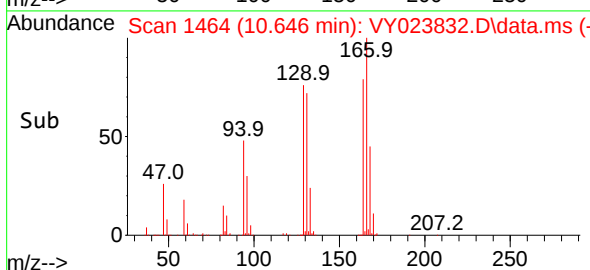
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

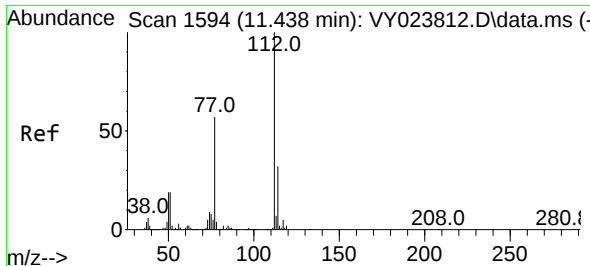


#64
Tetrachloroethene
Concen: 23.069 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



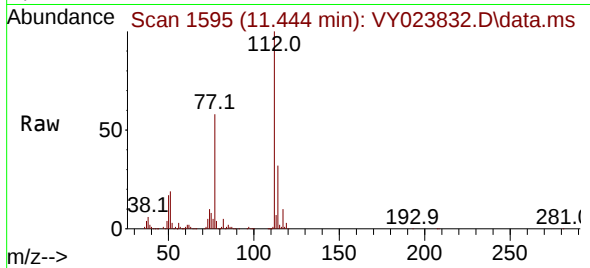
Tgt Ion:164 Resp: 152218
Ion Ratio Lower Upper
164 100
166 126.4 100.6 150.8
129 95.9 76.0 114.0
131 90.7 72.1 108.1





#65
Chlorobenzene
Concen: 22.195 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

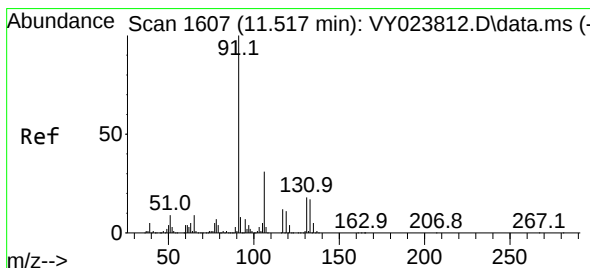
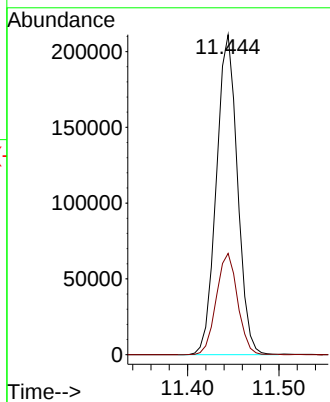
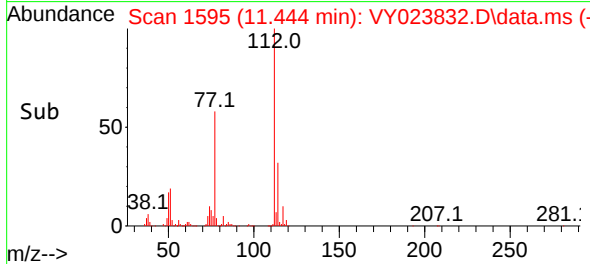
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion:112 Resp: 33886
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

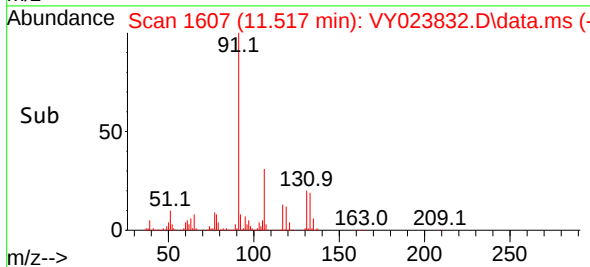
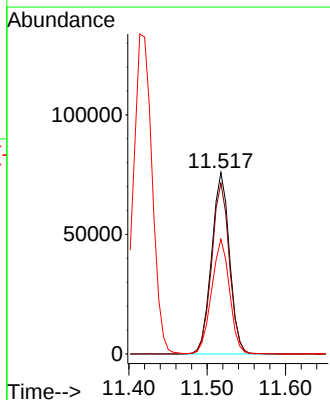
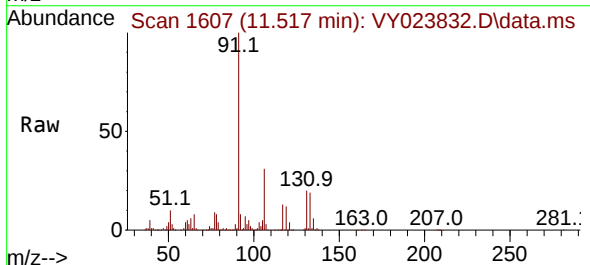
Manual Integrations
APPROVED

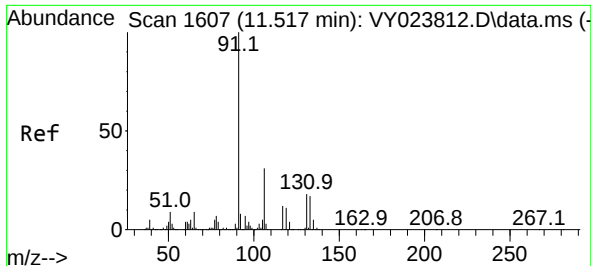
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 23.167 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Tgt Ion:131 Resp: 120164
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.3
119 63.8 33.0 98.9





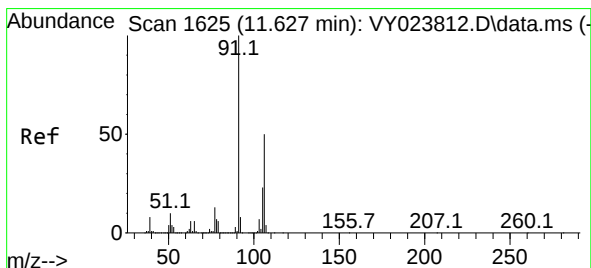
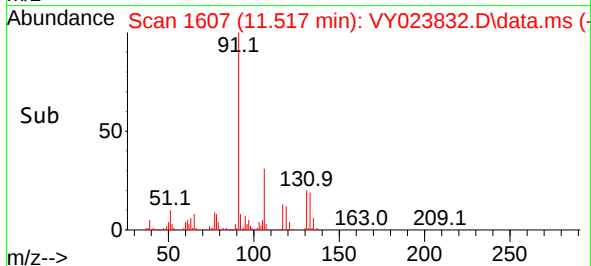
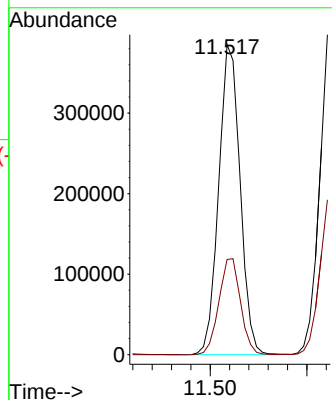
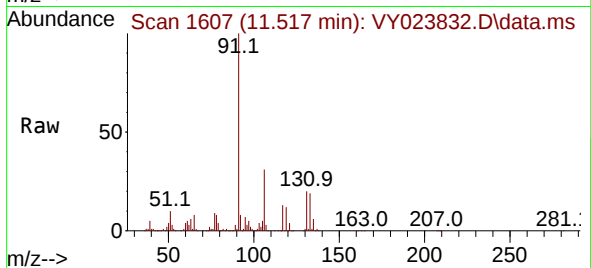
#67
Ethyl Benzene
Concen: 22.637 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 91 Resp: 59034
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

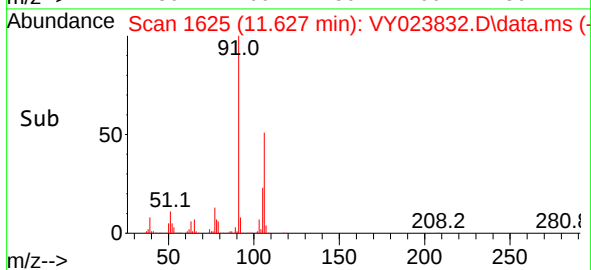
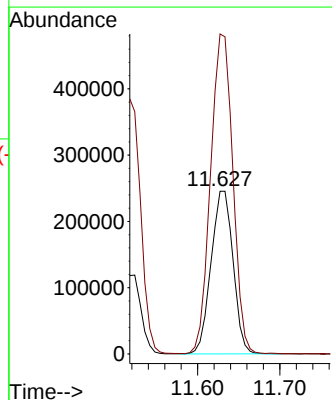
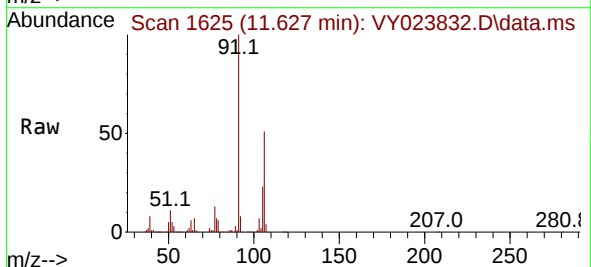
Manual Integrations
APPROVED

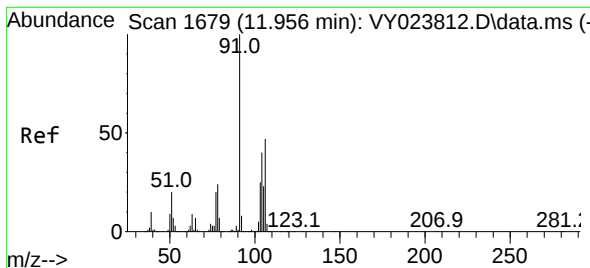
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#68
m/p-Xylenes
Concen: 45.484 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

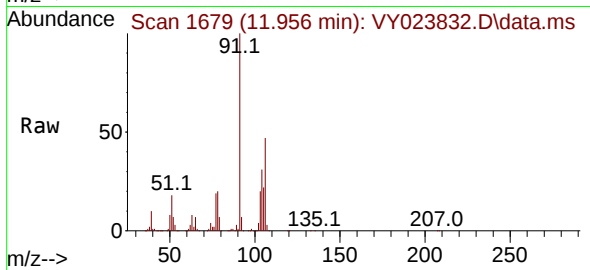
Tgt Ion:106 Resp: 457077
Ion Ratio Lower Upper
106 100
91 199.4 159.5 239.3





#69
o-Xylene
Concen: 22.284 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

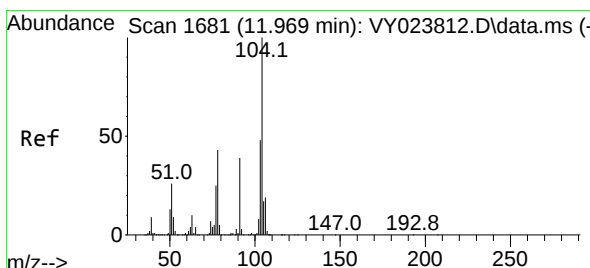
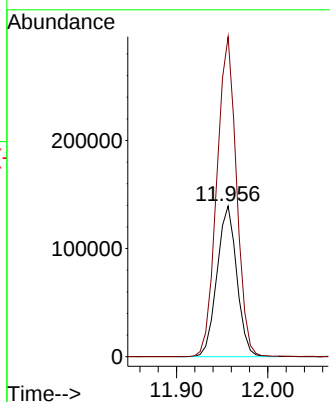
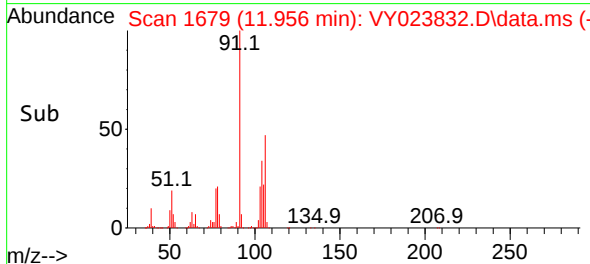
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



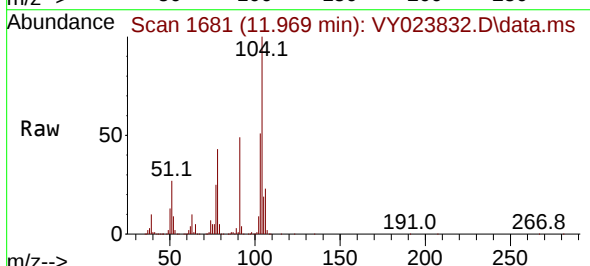
Tgt Ion:106 Resp: 209940
Ion Ratio Lower Upper
106 100
91 210.9 106.5 319.6

Manual Integrations
APPROVED

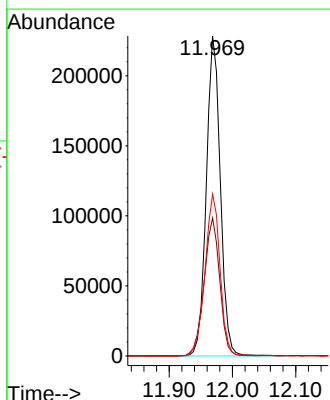
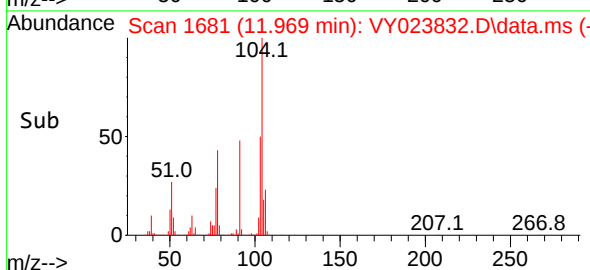
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

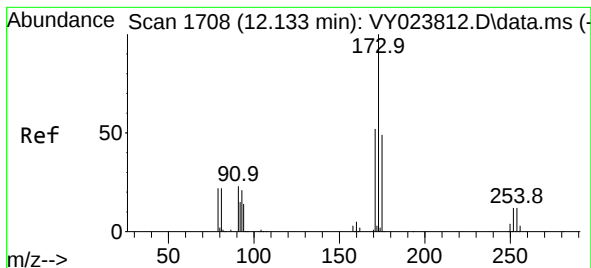


#70
Styrene
Concen: 22.724 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion:104 Resp: 352673
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 54.5 43.4 65.0





#71

Bromoform

Concen: 22.219 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

Tgt Ion:173 Resp: 67224

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

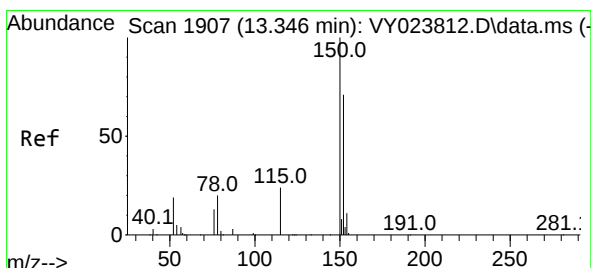
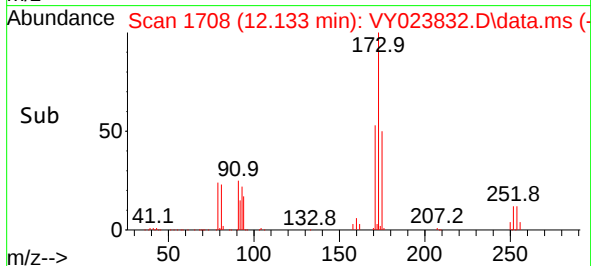
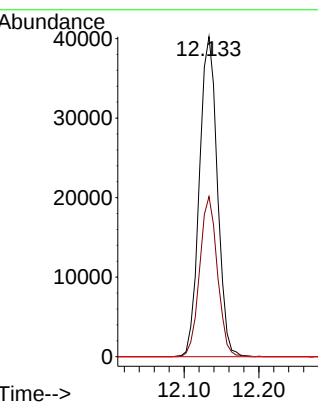
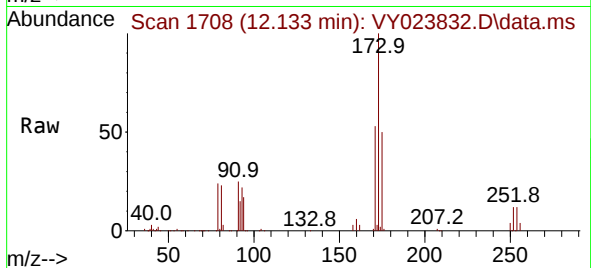
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

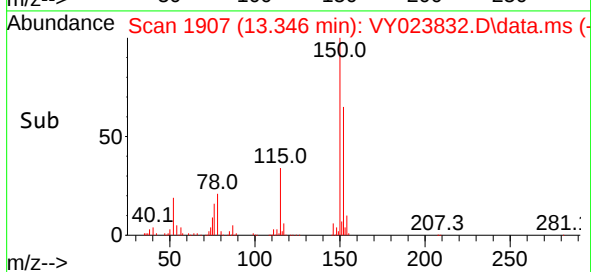
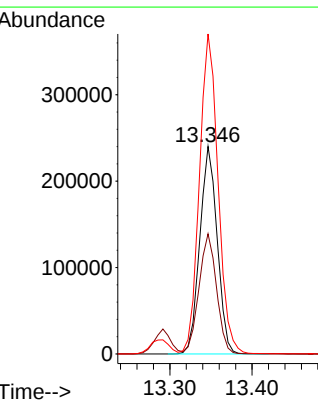
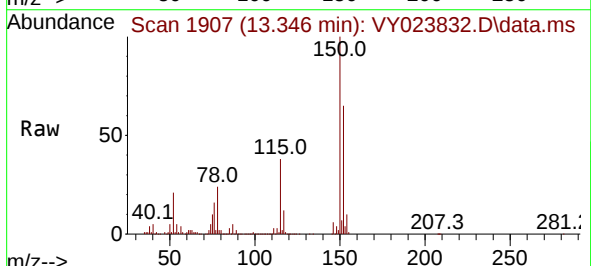
Tgt Ion:152 Resp: 353062

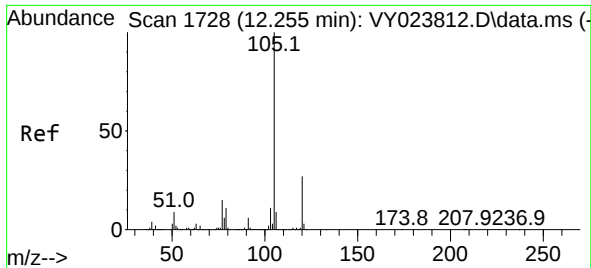
Ion Ratio Lower Upper

152 100

115 58.3 28.7 86.3

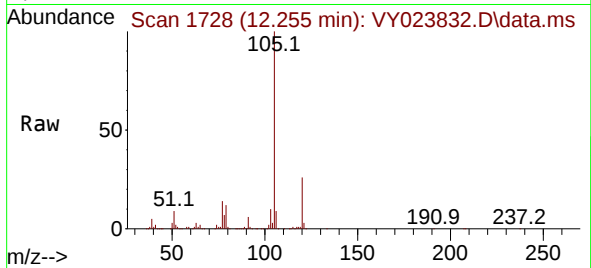
150 164.9 0.0 345.6





#73
Isopropylbenzene
Concen: 22.742 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

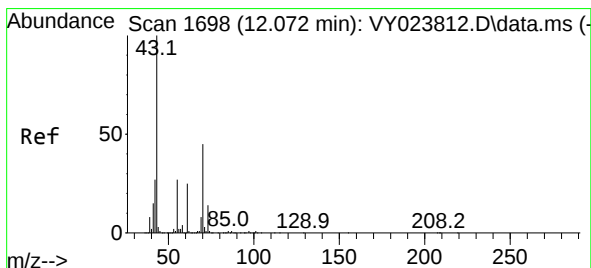
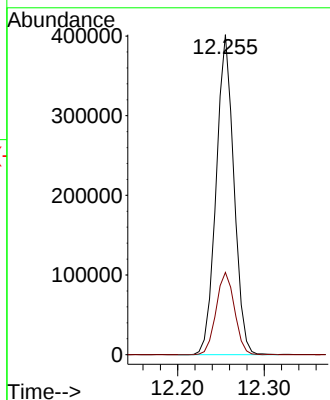
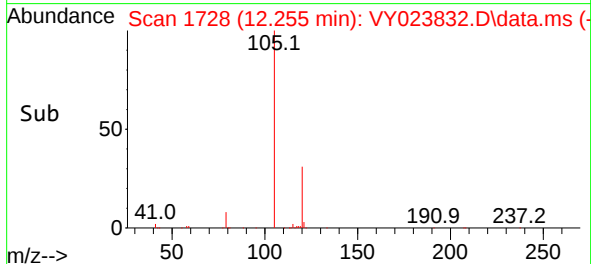
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



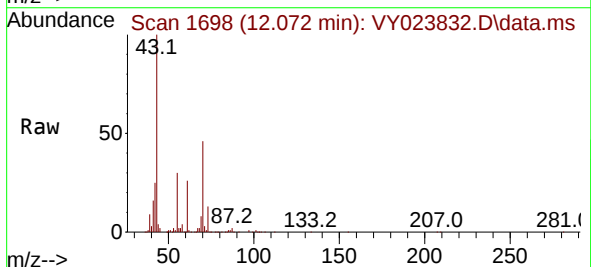
Tgt Ion:105 Resp: 569849
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8

Manual Integrations
APPROVED

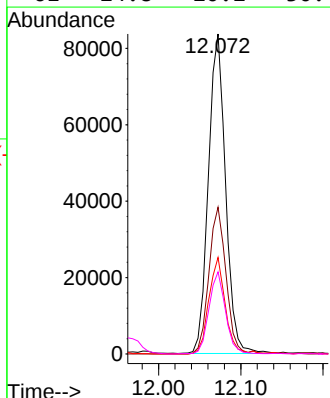
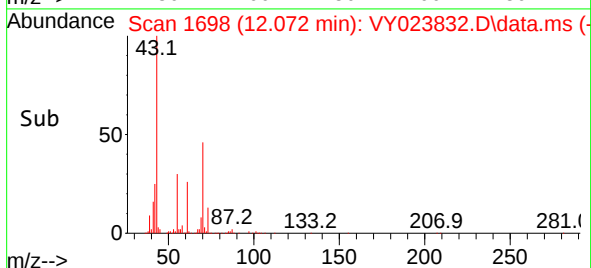
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

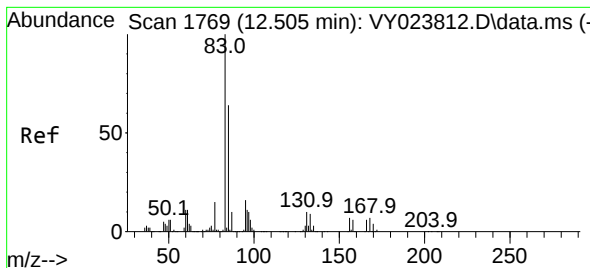


#74
N-ethyl acetate
Concen: 21.709 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



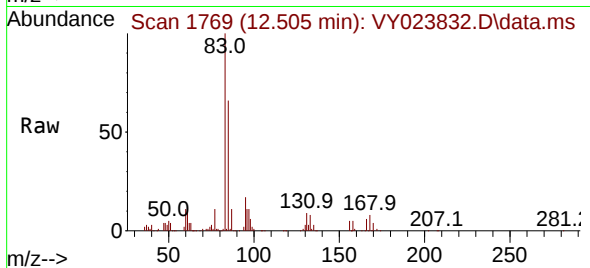
Tgt Ion: 43 Resp: 121531
Ion Ratio Lower Upper
43 100
70 46.0 36.2 54.2
55 29.0 21.8 32.8
61 24.8 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.617 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

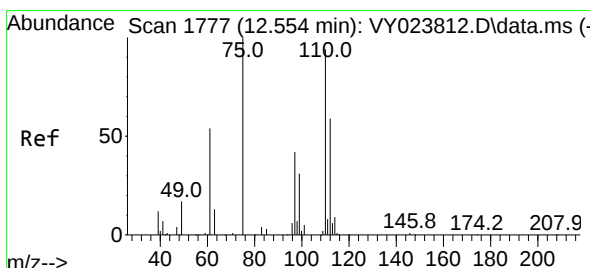
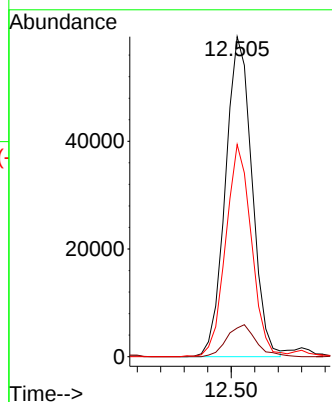
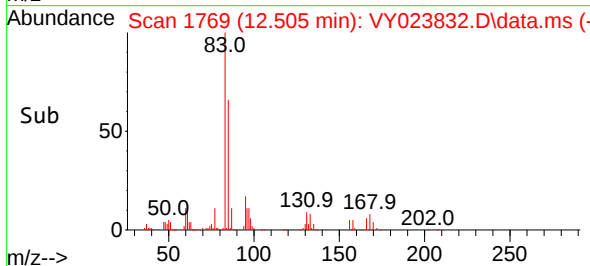
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



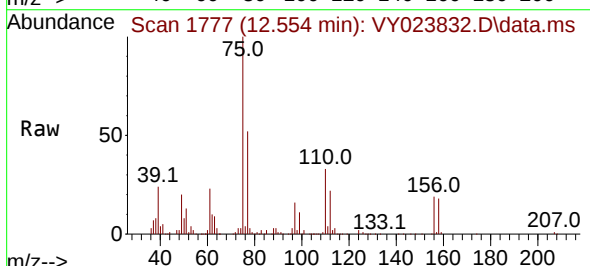
Tgt Ion: 83 Resp: 93304
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.8
85 64.4 31.9 95.5

Manual Integrations
APPROVED

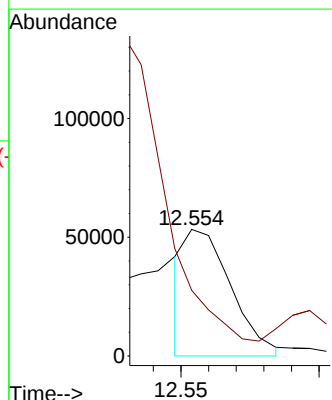
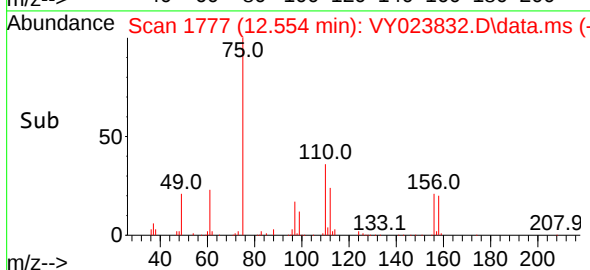
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

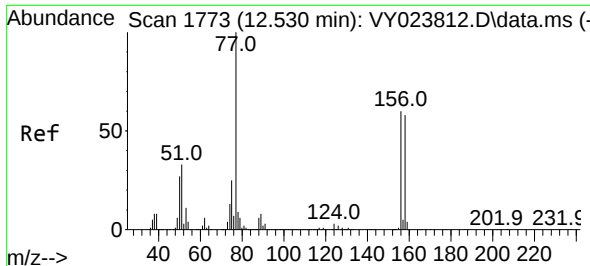


#76
1,2,3-Trichloropropane
Concen: 20.120 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



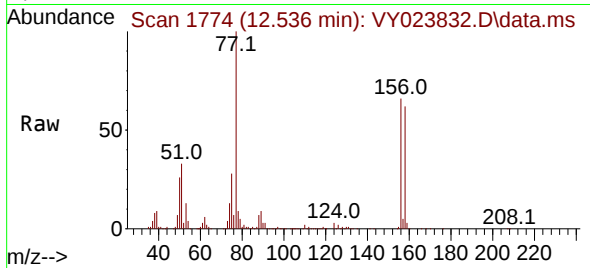
Tgt Ion: 75 Resp: 61775
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 22.529 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

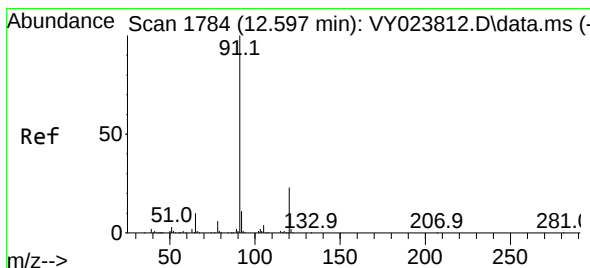
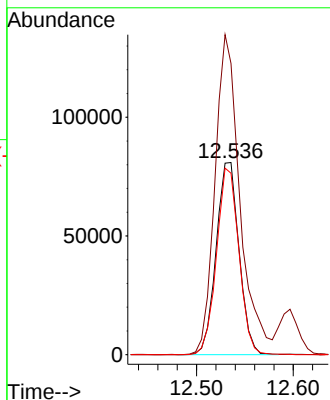
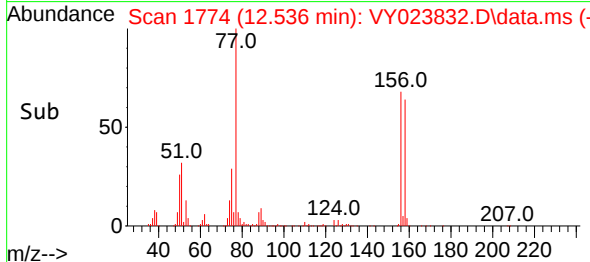
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



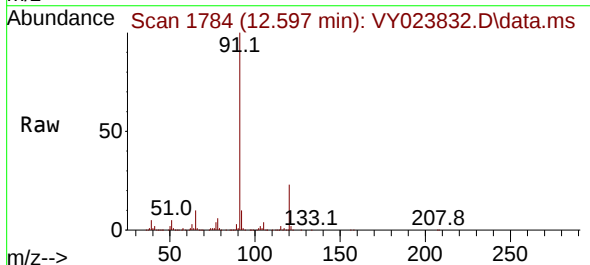
Tgt Ion:156 Resp: 132780
Ion Ratio Lower Upper
156 100
77 181.8 90.8 272.3
158 95.2 48.4 145.3

Manual Integrations
APPROVED

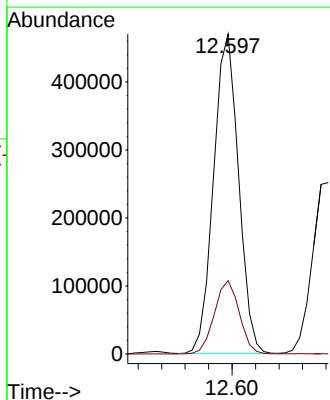
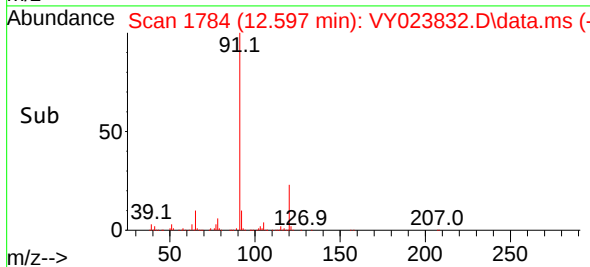
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

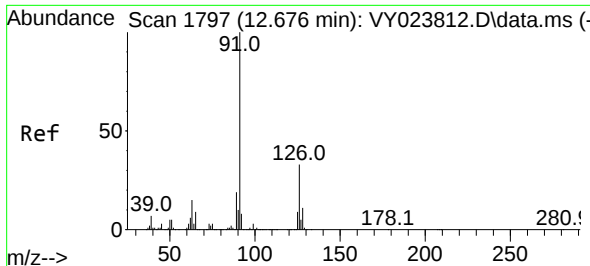


#78
n-propylbenzene
Concen: 22.981 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion: 91 Resp: 693288
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





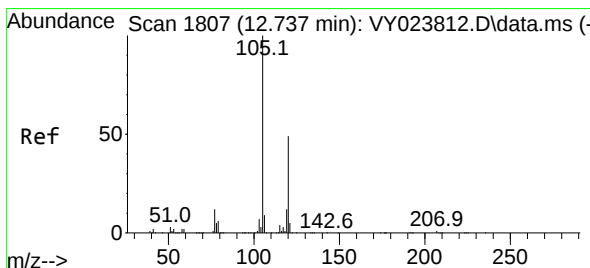
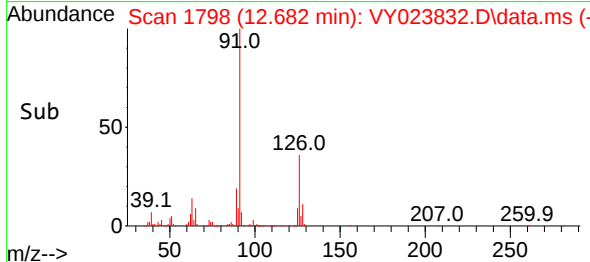
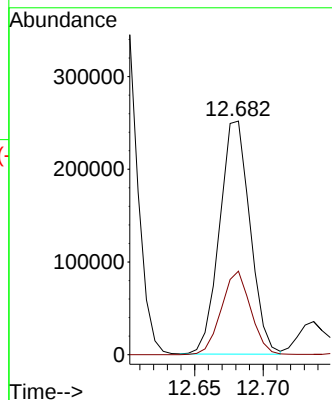
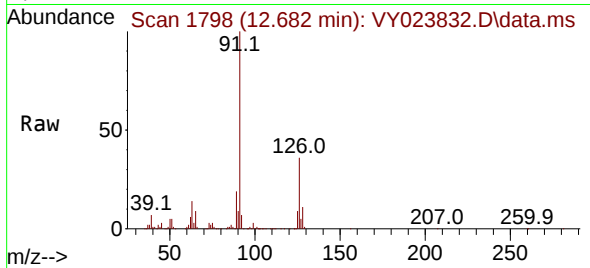
#79
2-Chlorotoluene
Concen: 22.491 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 91 Resp: 390507
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

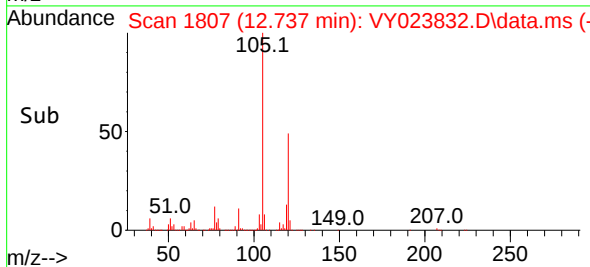
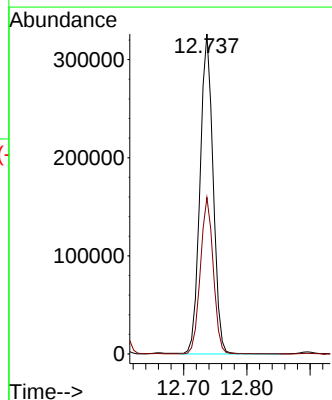
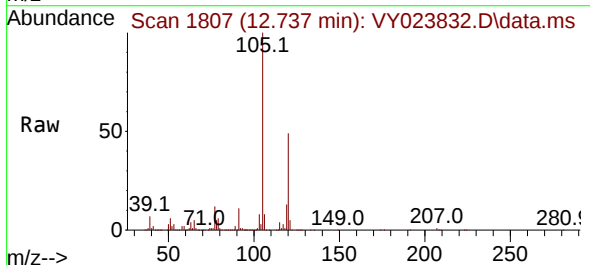
Manual Integrations
APPROVED

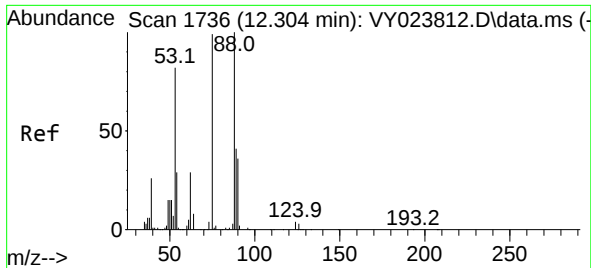
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.958 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Tgt Ion:105 Resp: 469631
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.8





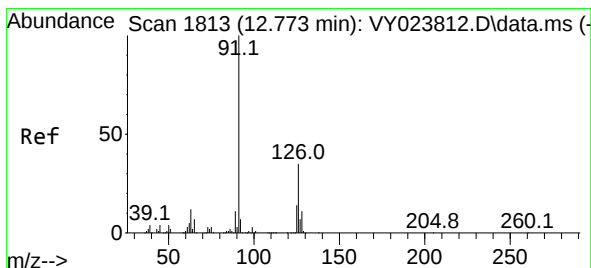
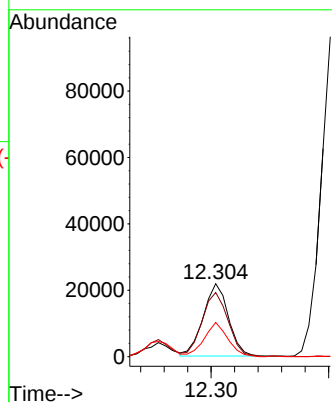
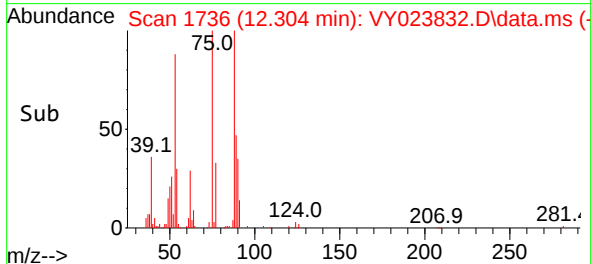
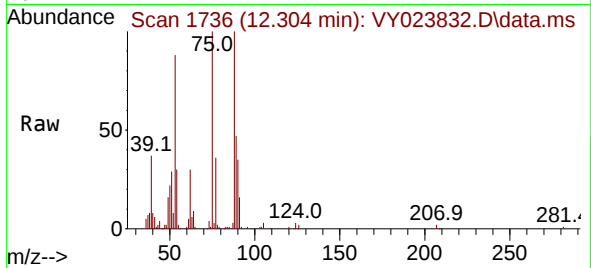
#81
trans-1,4-Dichloro-2-butene
Concen: 22.286 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 75 Resp: 32372
Ion Ratio Lower Upper
75 100
53 92.2 71.3 106.9
89 43.8 37.0 55.4

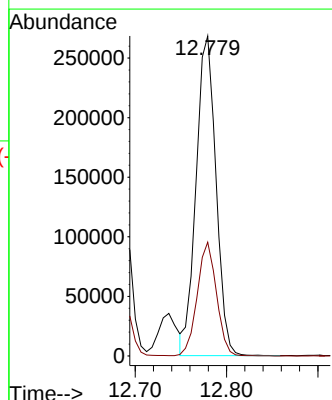
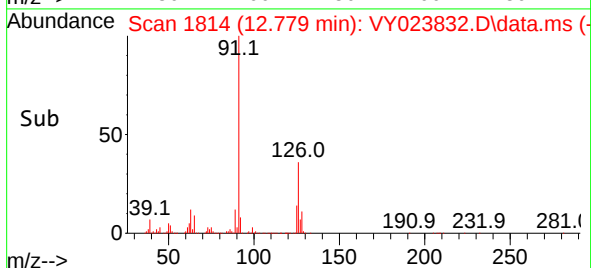
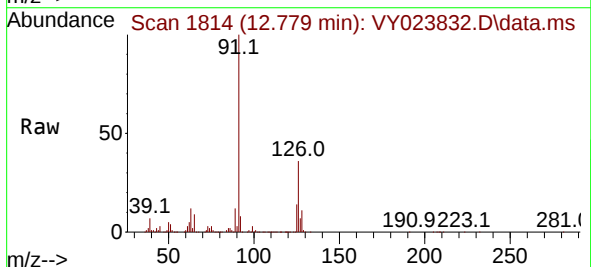
Manual Integrations
APPROVED

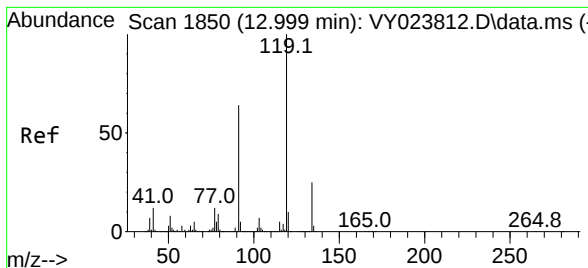
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#82
4-Chlorotoluene
Concen: 22.777 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

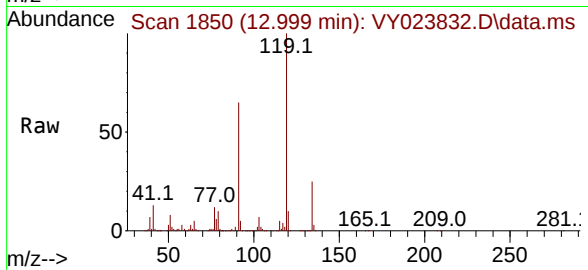
Tgt Ion: 91 Resp: 406161
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9





#83
tert-Butylbenzene
Concen: 22.735 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

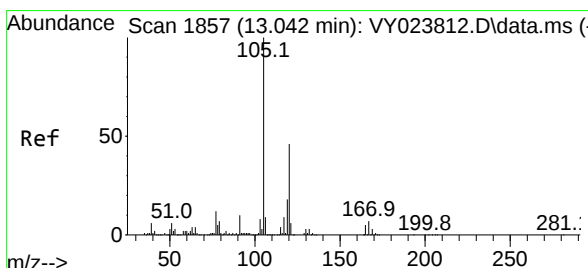
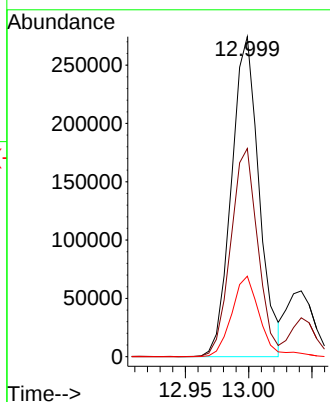
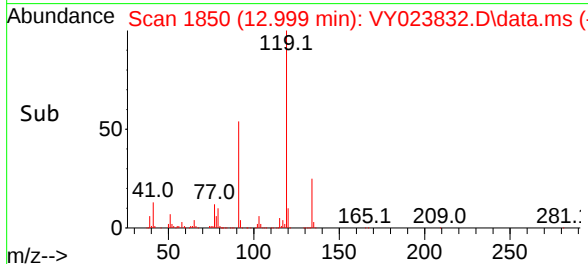
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



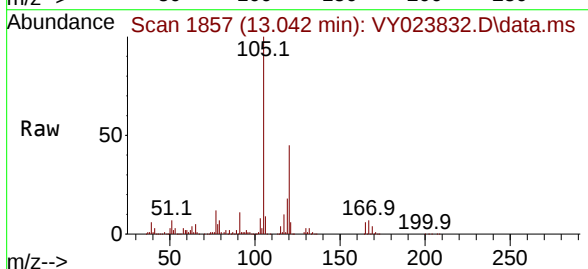
Tgt Ion:119 Resp: 417792
Ion Ratio Lower Upper
119 100
91 63.7 32.0 96.0
134 25.7 12.8 38.4

Manual Integrations
APPROVED

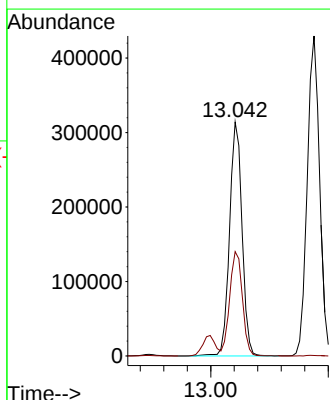
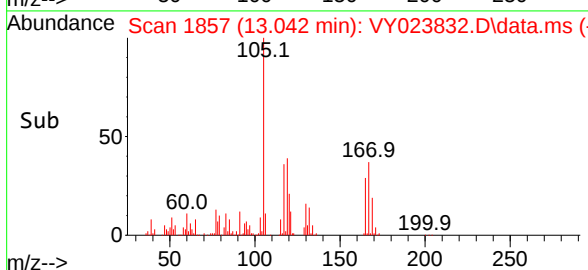
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

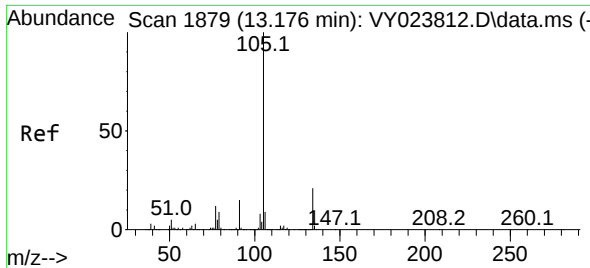


#84
1,2,4-Trimethylbenzene
Concen: 22.707 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion:105 Resp: 464199
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5





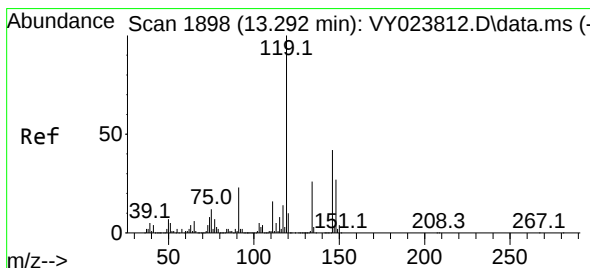
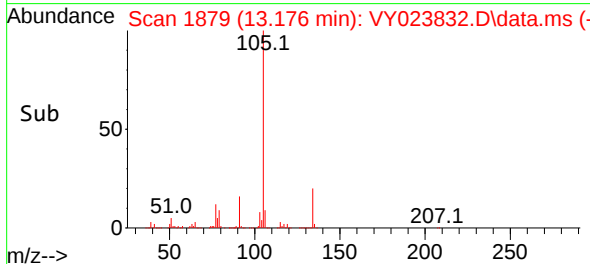
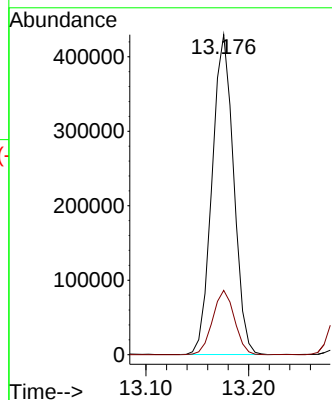
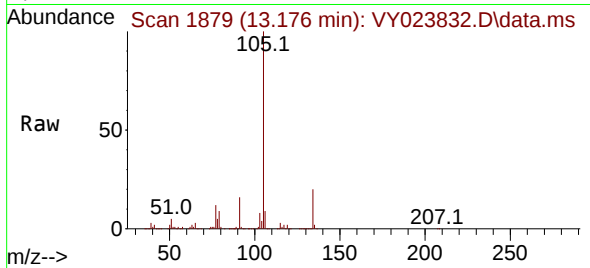
#85
 sec-Butylbenzene
 Concen: 23.086 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01

Tgt Ion:105 Resp: 62623
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

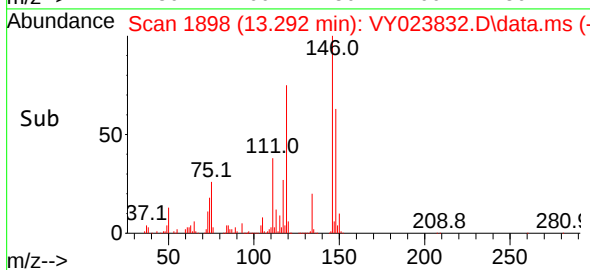
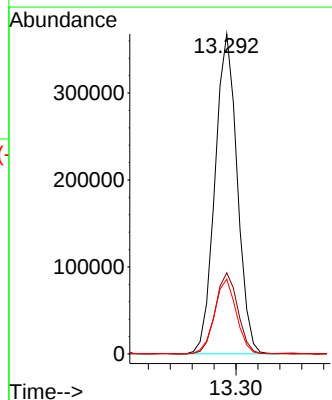
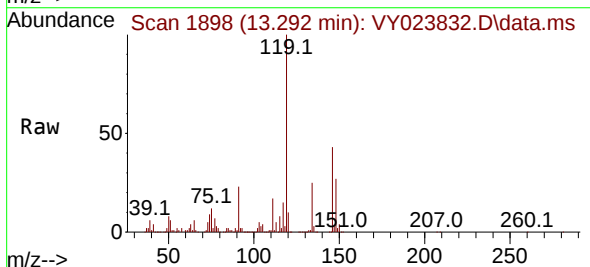
Manual Integrations
 APPROVED

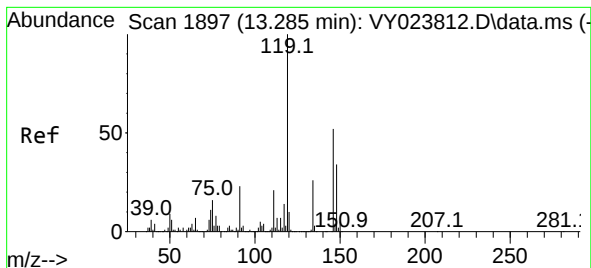
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#86
 p-Isopropyltoluene
 Concen: 22.824 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00

Tgt Ion:119 Resp: 517504
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 23.0 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 22.282 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion:146 Resp: 263200

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

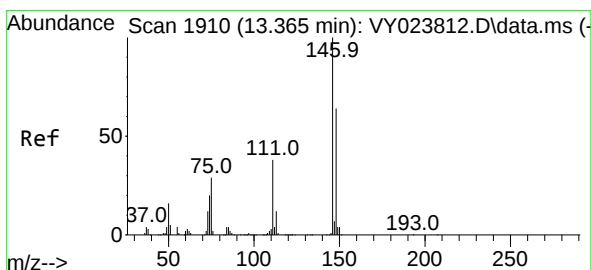
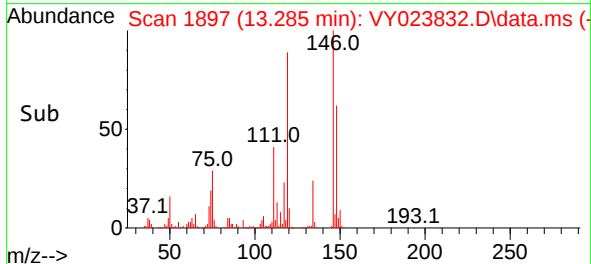
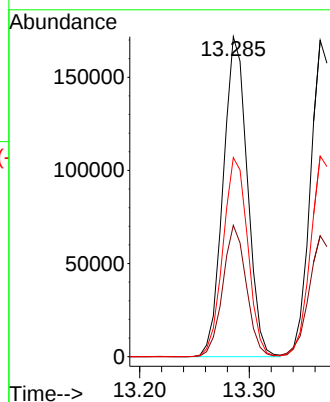
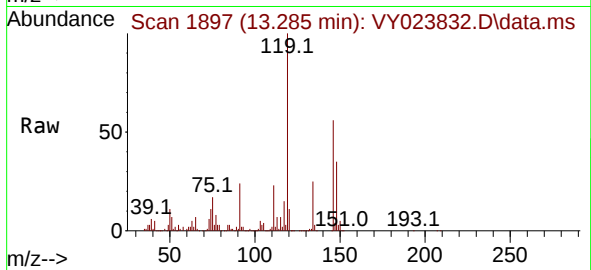
148 63.6 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#88

1,4-Dichlorobenzene

Concen: 21.930 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023832.D

Acq: 01 Dec 2025 10:00

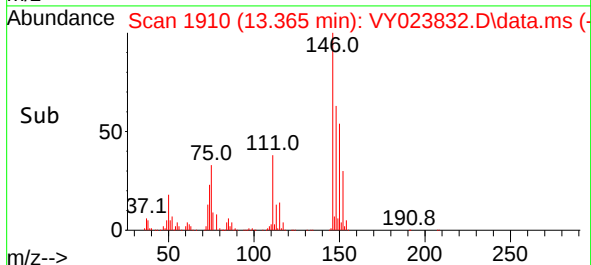
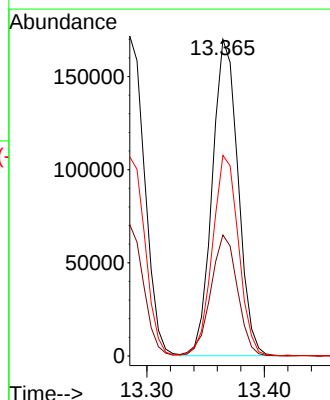
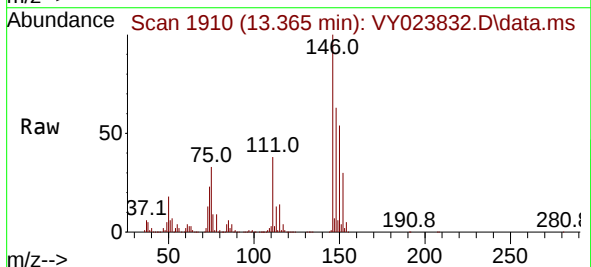
Tgt Ion:146 Resp: 258566

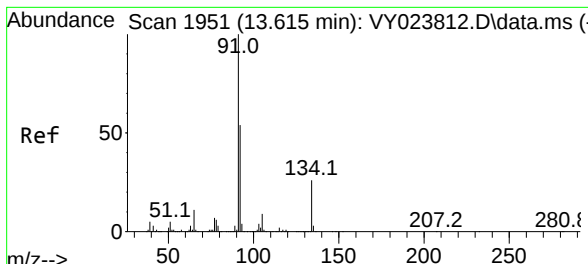
Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

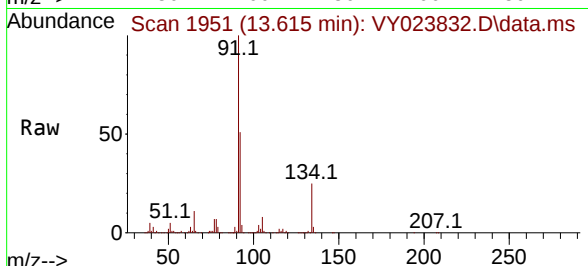
148 64.4 32.0 96.0





#89
 n-Butylbenzene
 Concen: 22.969 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00

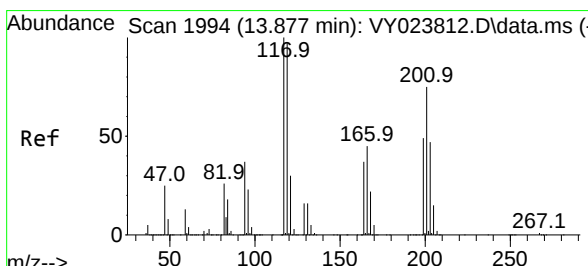
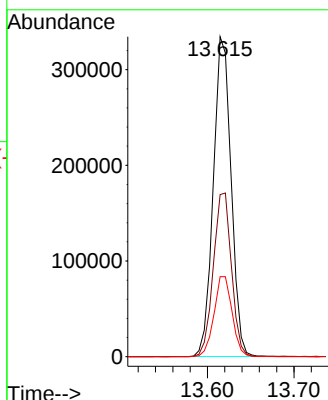
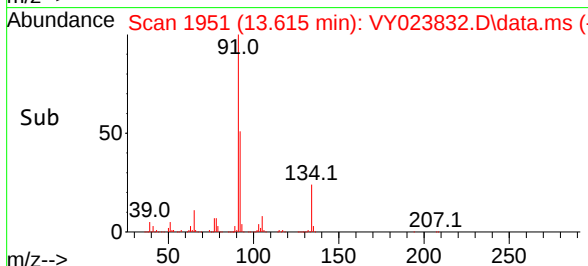
Instrument : MSVOA_Y
 ClientSampleId : VY1201SBSD01



Tgt Ion:	91	Resp:	47752
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.8	80.3
134	25.5	13.0	39.0

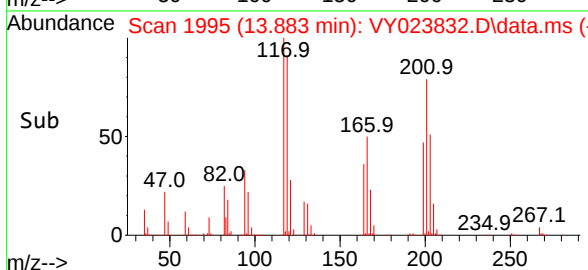
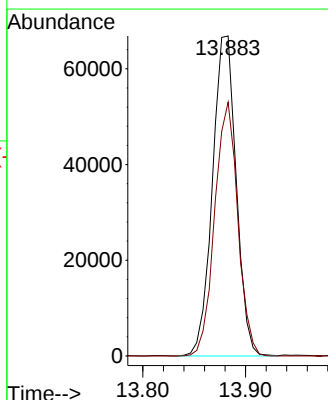
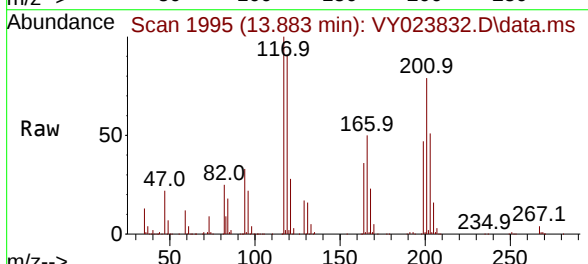
Manual Integrations
 APPROVED

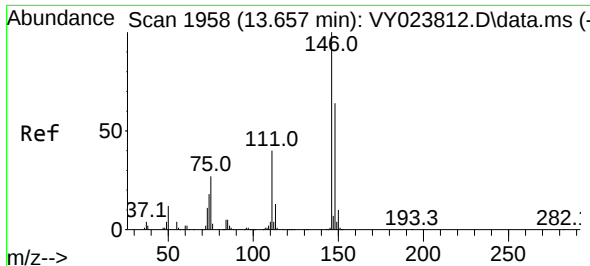
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#90
 Hexachloroethane
 Concen: 22.538 ug/l
 RT: 13.883 min Scan# 1995
 Delta R.T. 0.006 min
 Lab File: VY023832.D
 Acq: 01 Dec 2025 10:00

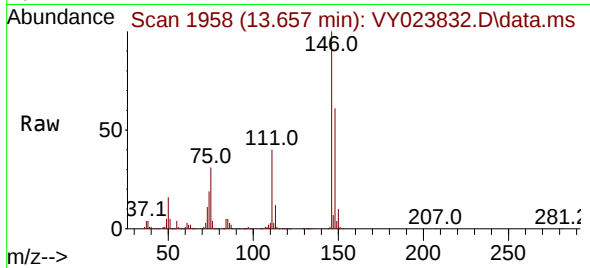
Tgt Ion:	117	Resp:	107367
Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.6	115.8





#91
1,2-Dichlorobenzene
Concen: 22.484 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

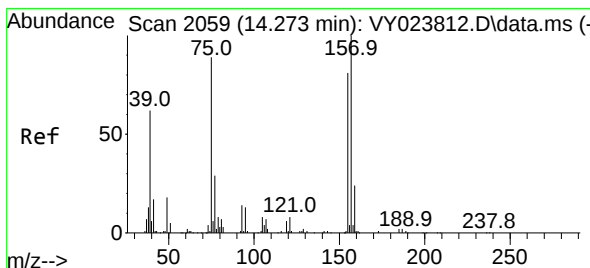
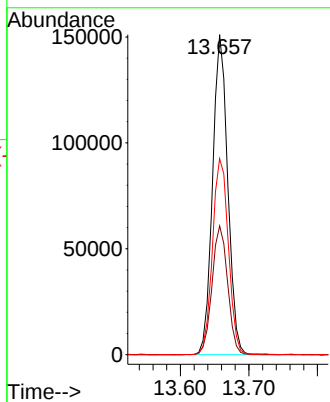
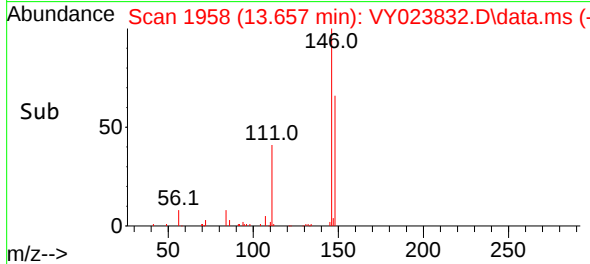
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



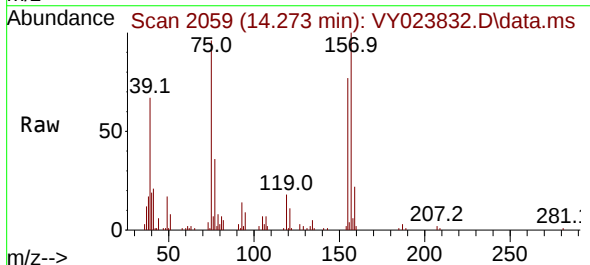
Tgt Ion:146 Resp: 232249
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 64.2 32.1 96.5

Manual Integrations
APPROVED

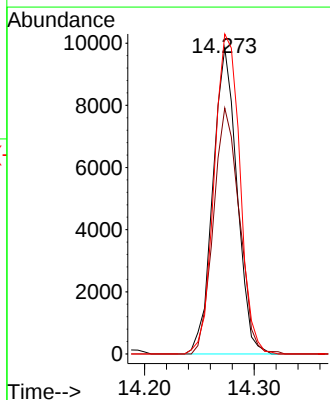
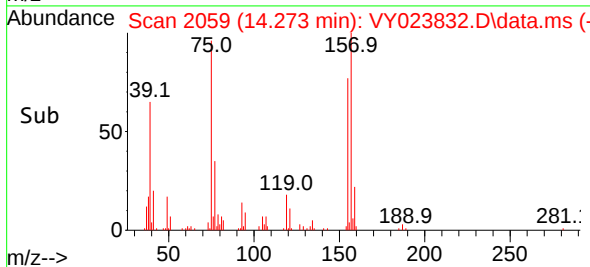
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

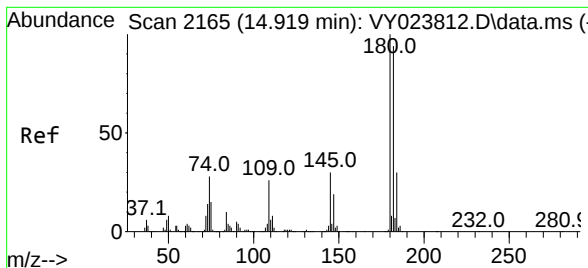


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.760 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



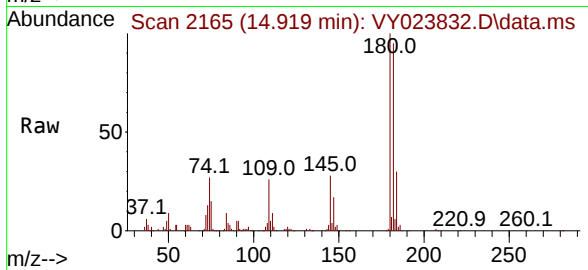
Tgt Ion: 75 Resp: 15026
Ion Ratio Lower Upper
75 100
155 86.2 44.0 132.1
157 111.4 54.6 163.8





#93
1,2,4-Trichlorobenzene
Concen: 21.739 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

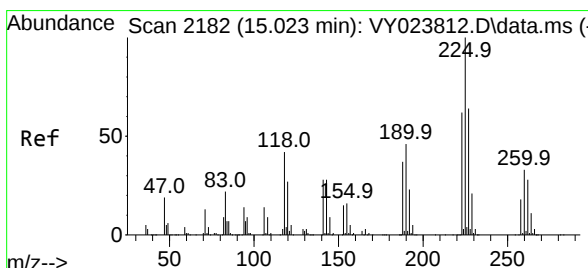
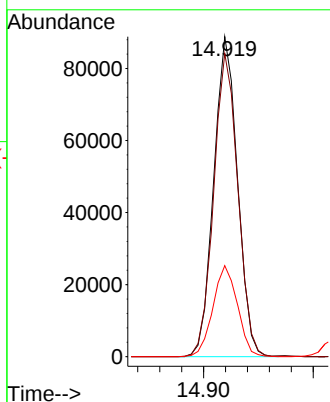
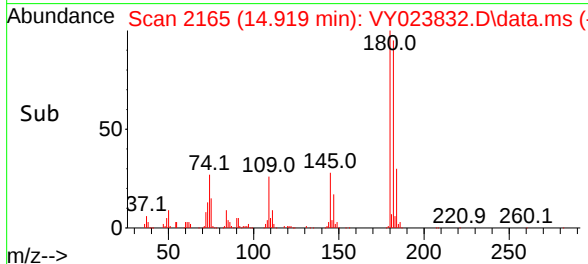
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



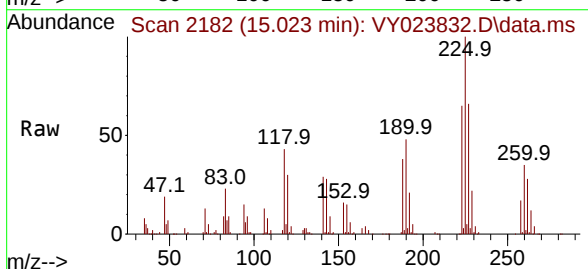
Tgt Ion:180 Resp: 13388
Ion Ratio Lower Upper
180 100
182 96.3 47.2 141.6
145 29.3 15.4 46.2

Manual Integrations
APPROVED

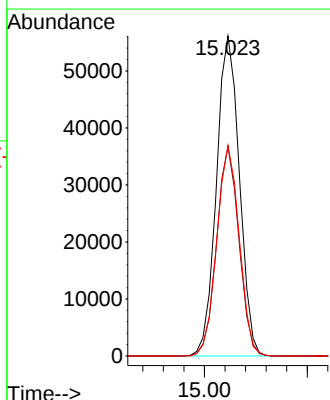
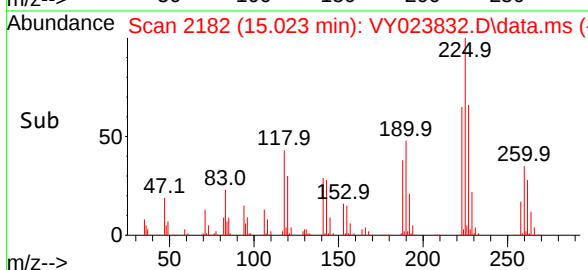
Reviewed By :John Carlone 12/02/2025
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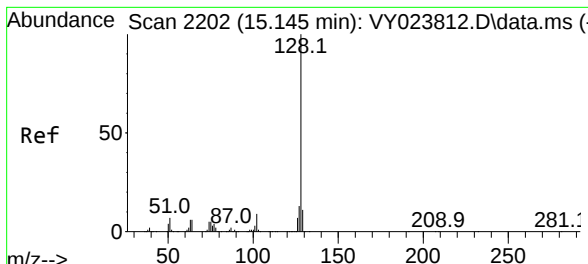


#94
Hexachlorobutadiene
Concen: 22.650 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion:225 Resp: 86872
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.9
227 64.4 32.8 98.3





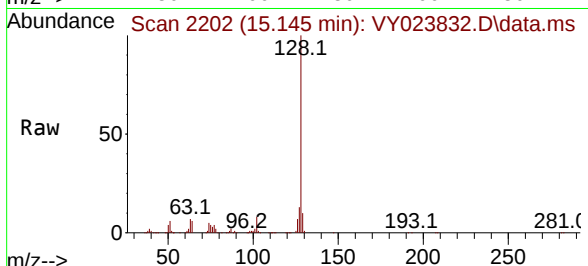
#95
Naphthalene
Concen: 21.173 ug/l
RT: 15.145 min Scan# 21991
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01



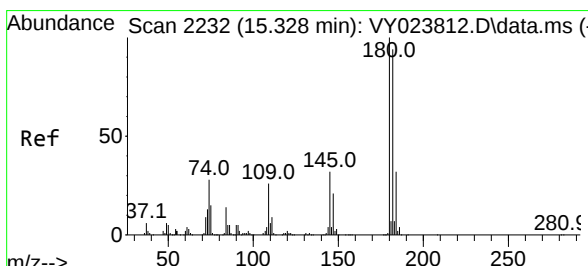
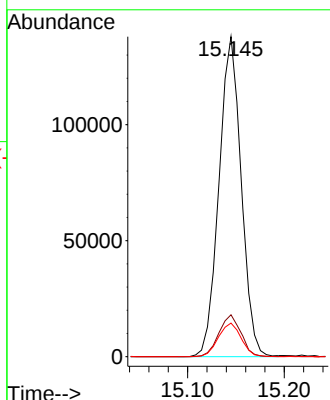
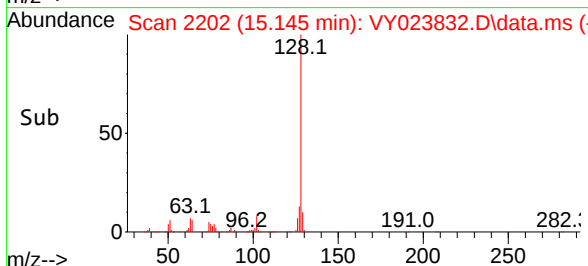
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations

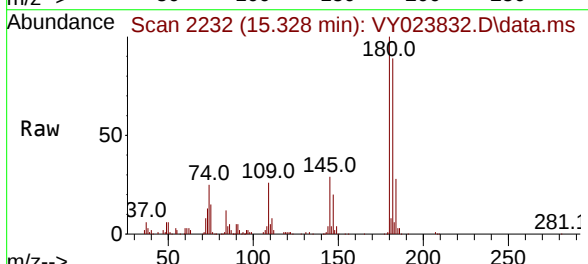
APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 22.153 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023832.D
Acq: 01 Dec 2025 10:00



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.2
145	31.6	16.5	49.5

