

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112425\
 Data File : VY023789.D
 Acq On : 24 Nov 2025 14:46
 Operator : SY/MD
 Sample : VY1124SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2025
 Supervised By : Mahesh Dadoda 12/01/2025

Quant Time: Nov 26 02:11:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	516223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	795029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	720951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	362998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	236897	53.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.600%			
35) Dibromofluoromethane	7.634	113	248776	50.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.140%			
50) Toluene-d8	10.103	98	1072433	57.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.900%			
62) 4-Bromofluorobenzene	12.402	95	328522	54.889	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81654	24.097	ug/l	97
3) Chloromethane	2.074	50	116854	24.643	ug/l	99
4) Vinyl Chloride	2.208	62	143176	23.204	ug/l	99
5) Bromomethane	2.592	94	98163	18.912	ug/l	99
6) Chloroethane	2.733	64	82376	19.316	ug/l	96
7) Trichlorofluoromethane	3.056	101	197328	22.707	ug/l	99
8) Diethyl Ether	3.458	74	50585	21.706	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	110275	23.032	ug/l	96
10) Methyl Iodide	4.007	142	108285	19.152	ug/l	97
11) Tert butyl alcohol	4.848	59	54093	190.511	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	104048	22.559	ug/l	95
13) Acrolein	3.653	56	25122	68.837	ug/l	98
14) Allyl chloride	4.385	41	145952	25.998	ug/l	93
15) Acrylonitrile	5.055	53	102816	115.446	ug/l	99
16) Acetone	3.867	43	145827	133.229	ug/l	98
17) Carbon Disulfide	4.110	76	330289	23.332	ug/l	100
18) Methyl Acetate	4.385	43	48683	20.165	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	230246	21.529	ug/l	98
20) Methylene Chloride	4.616	84	135988	25.736	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	116644	22.430	ug/l	92
22) Diisopropyl ether	6.025	45	324481	25.939	ug/l	96
23) Vinyl Acetate	5.964	43	824216	123.469	ug/l	95
24) 1,1-Dichloroethane	5.921	63	204699	24.563	ug/l	98
25) 2-Butanone	6.896	43	159458	126.003	ug/l	96
26) 2,2-Dichloropropane	6.884	77	179231	23.381	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	130113	21.907	ug/l	93
28) Bromochloromethane	7.244	49	79965	25.060	ug/l	85
29) Tetrahydrofuran	7.262	42	77691	115.273	ug/l	92
30) Chloroform	7.421	83	212496	22.854	ug/l	97
31) Cyclohexane	7.701	56	179344	24.712	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	187238	22.531	ug/l	98
36) 1,1-Dichloropropene	7.835	75	147429	22.206	ug/l	98
37) Ethyl Acetate	6.982	43	58854	22.899	ug/l	97
38) Carbon Tetrachloride	7.817	117	166644	21.304	ug/l	98
39) Methylcyclohexane	9.110	83	194747	22.957	ug/l	92
40) Benzene	8.079	78	476970	22.792	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	7.238	41	30881m	22.012	ug/l	
42) 1,2-Dichloroethane	8.158	62	115021	21.725	ug/l	100
43) Isopropyl Acetate	8.195	43	104959	21.735	ug/l	98
44) Trichloroethene	8.866	130	122161	20.324	ug/l	95
45) 1,2-Dichloropropane	9.140	63	113460	24.566	ug/l	99
46) Dibromomethane	9.231	93	62861	21.966	ug/l	96
47) Bromodichloromethane	9.420	83	169953	23.556	ug/l	94
48) Methyl methacrylate	9.219	41	51350	22.507	ug/l	96
49) 1,4-Dioxane	9.225	88	12885	439.967	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	264825	103.121	ug/l	97
52) Toluene	10.170	92	328099	24.557	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	141709	23.212	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	170972	23.375	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	85719	22.414	ug/l	95
56) Ethyl methacrylate	10.439	69	93402	22.167	ug/l	98
57) 1,3-Dichloropropane	10.719	76	127277	20.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	214933	111.161	ug/l	98
59) 2-Hexanone	10.762	43	178203	95.112	ug/l	94
60) Dibromochloromethane	10.908	129	107183	20.398	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72574	20.221	ug/l	99
64) Tetrachloroethene	10.646	164	159169	21.211	ug/l	98
65) Chlorobenzene	11.438	112	317081	20.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	115202	20.757	ug/l	99
67) Ethyl Benzene	11.518	91	537846	21.173	ug/l	96
68) m/p-Xylenes	11.627	106	426797	42.053	ug/l	96
69) o-Xylene	11.957	106	194487	20.731	ug/l	95
70) Styrene	11.969	104	328198	21.203	ug/l	99
71) Bromoform	12.133	173	63094	19.465	ug/l #	99
73) Isopropylbenzene	12.255	105	523137	21.548	ug/l	100
74) N-amyl acetate	12.066	43	72750	17.699	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	75493	19.470	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	56046m	19.078	ug/l	
77) Bromobenzene	12.530	156	129107	20.501	ug/l	96
78) n-propylbenzene	12.591	91	624404	21.865	ug/l	99
79) 2-Chlorotoluene	12.676	91	368728	22.251	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	440232	22.318	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25914	19.935	ug/l	93
82) 4-Chlorotoluene	12.773	91	382767	22.397	ug/l	98
83) tert-Butylbenzene	12.993	119	388554	21.628	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	438619	22.450	ug/l	98
85) sec-Butylbenzene	13.170	105	574517	22.171	ug/l	99
86) p-Isopropyltoluene	13.292	119	478472	21.812	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	258423	20.849	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	252170	20.711	ug/l	97
89) n-Butylbenzene	13.615	91	416378	21.828	ug/l	100
90) Hexachloroethane	13.877	117	100382	21.294	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	223806	20.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11531	19.314	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	125129	20.480	ug/l	99
94) Hexachlorobutadiene	15.017	225	84688	21.155	ug/l	99
95) Naphthalene	15.139	128	170735	19.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	102845	20.147	ug/l	99

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Response via : Initial Calibration

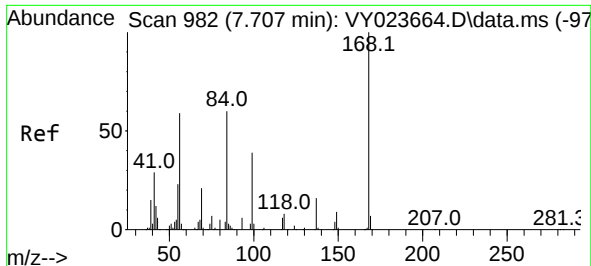
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

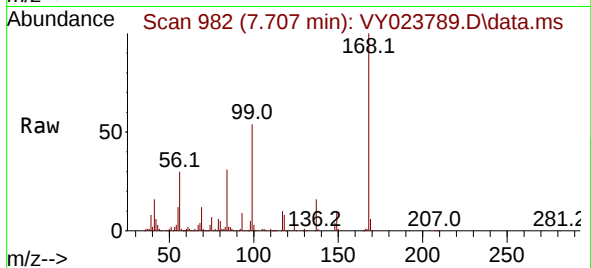
Reviewed By :John Carlone 12/01/2025
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

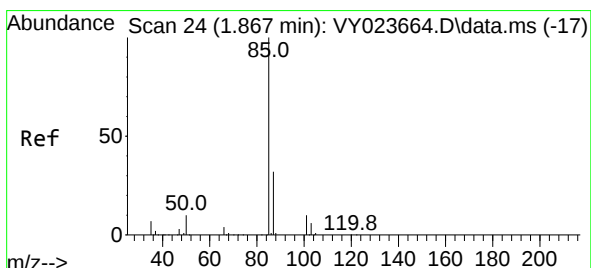
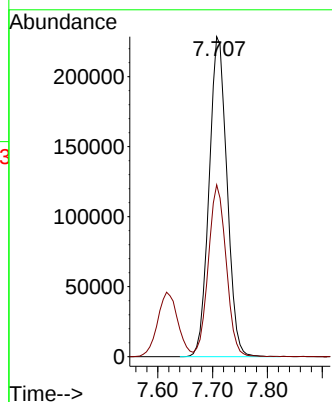
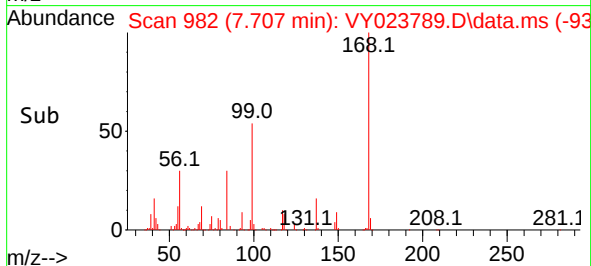
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 51622
Ion Ratio Lower Upper
168 100
99 53.6 41.0 61.4

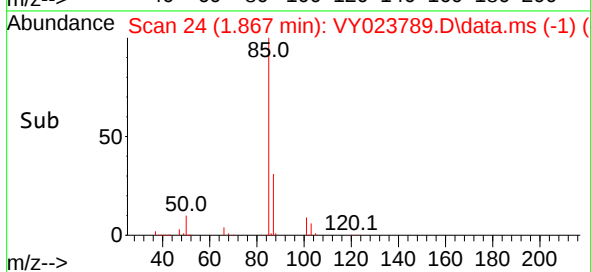
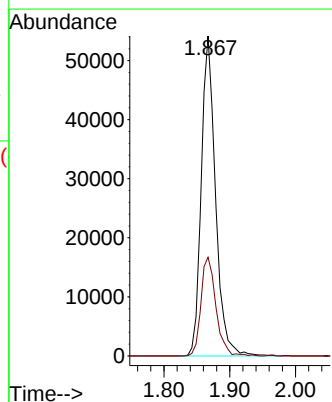
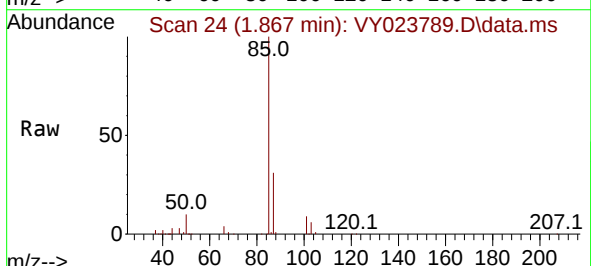
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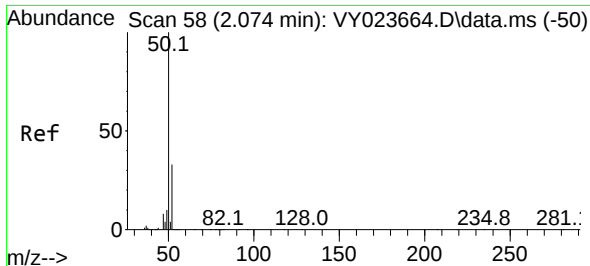
Reviewed By :John Carlone 12/01/2025
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#2
Dichlorodifluoromethane
Concen: 24.097 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

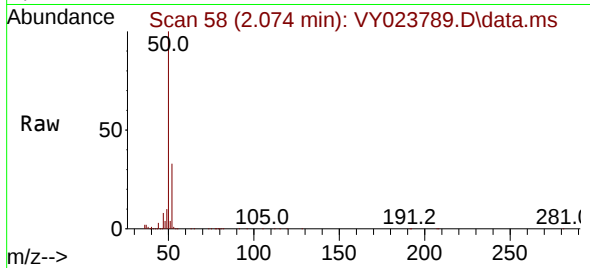
Tgt Ion: 85 Resp: 81654
Ion Ratio Lower Upper
85 100
87 30.9 16.2 48.6





#3
Chloromethane
Concen: 24.643 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

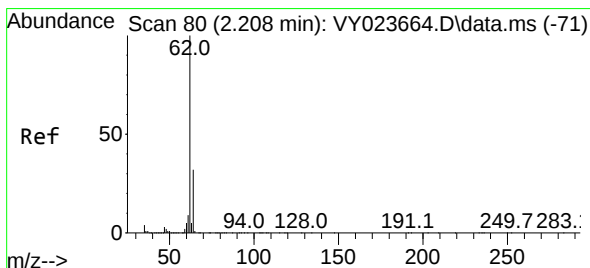
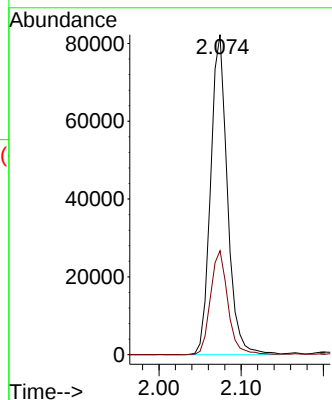
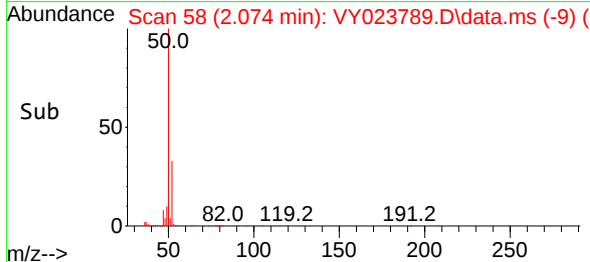
Instrument :
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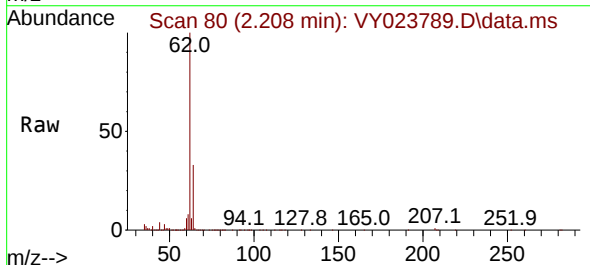
Tgt Ion: 50 Resp: 116854
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

Manual Integrations
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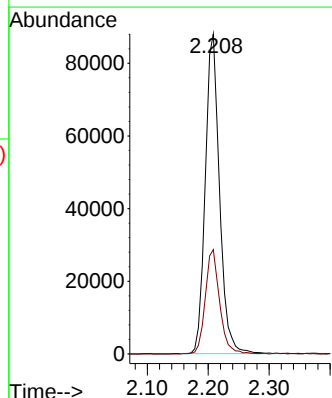
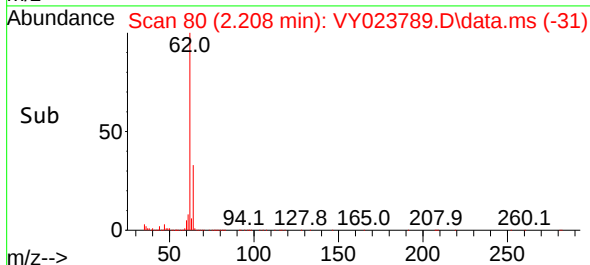
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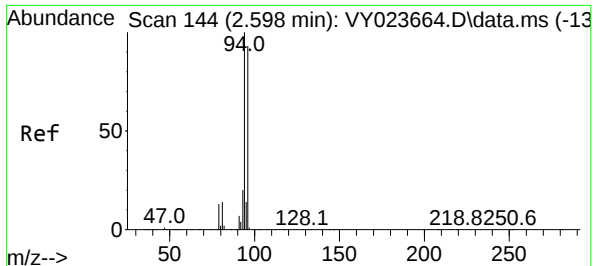


#4
Vinyl Chloride
Concen: 23.204 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion: 62 Resp: 143176
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5





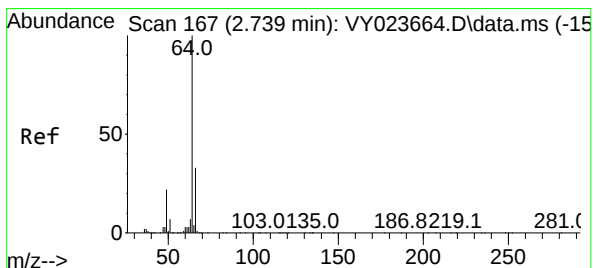
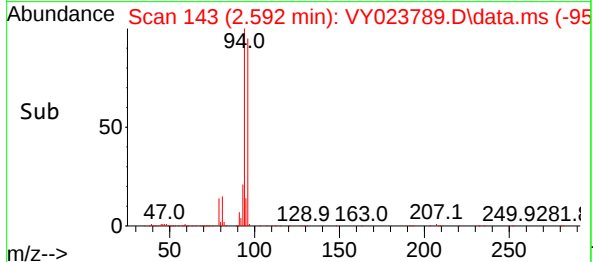
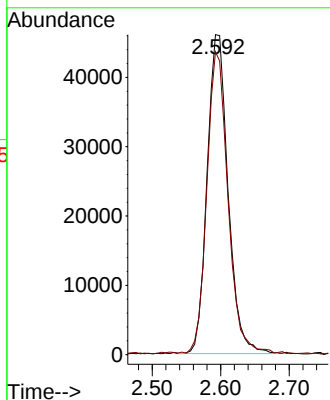
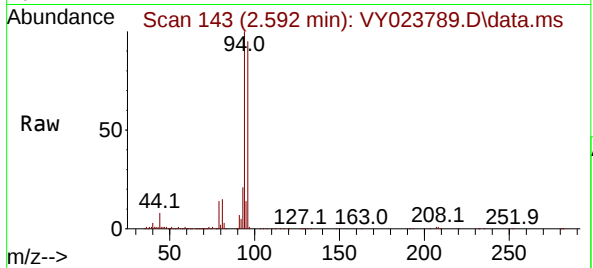
#5
Bromomethane
Concen: 18.912 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023789.D
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Instrument :
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Tgt Ion: 94 Resp: 9816
Ion Ratio Lower Upper
94 100
96 94.4 74.4 111.6

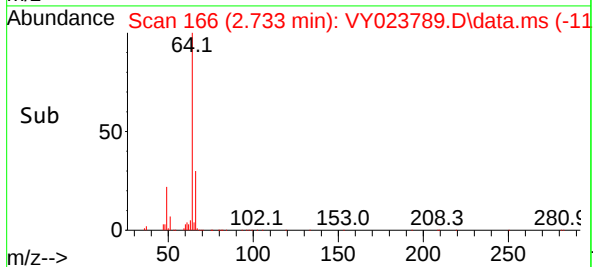
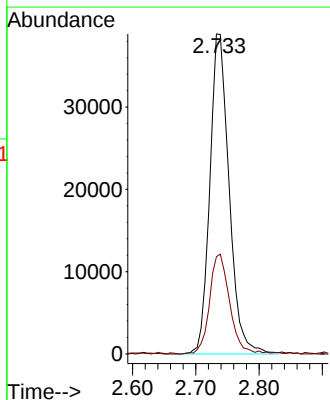
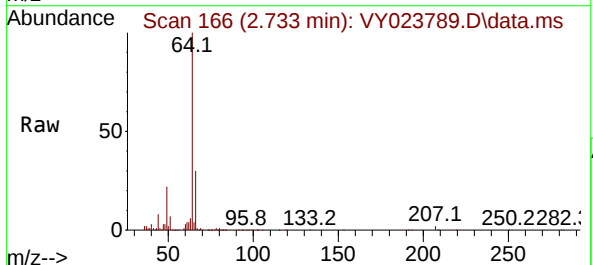
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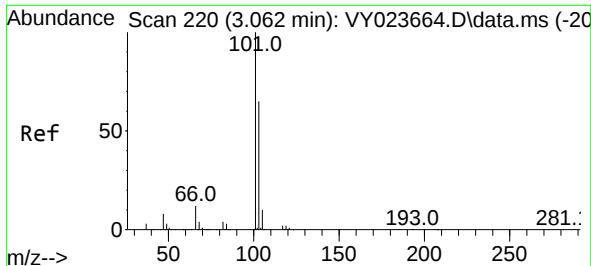
Reviewed By :John Carlone 12/01/2025
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#6
Chloroethane
Concen: 19.316 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023789.D
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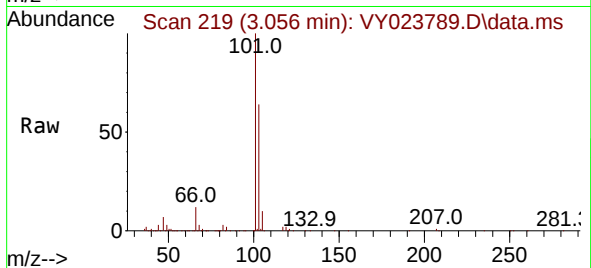
Tgt Ion: 64 Resp: 82376
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 22.707 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023789.D
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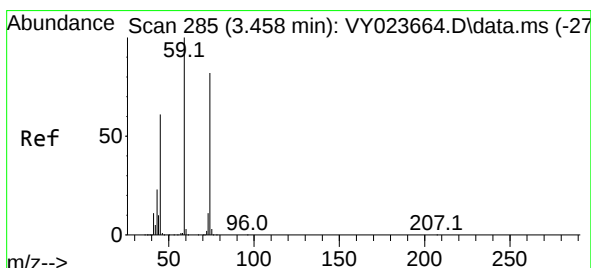
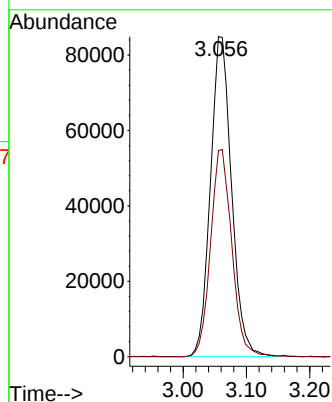
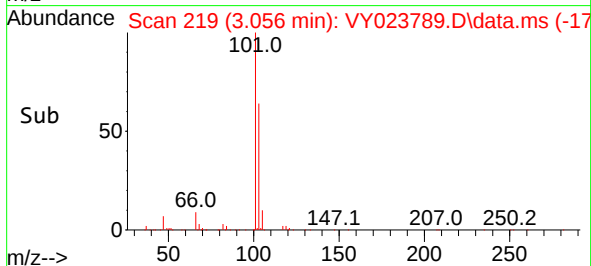
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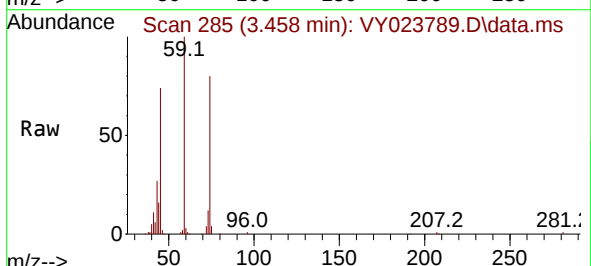
Tgt Ion:101 Resp: 197328
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

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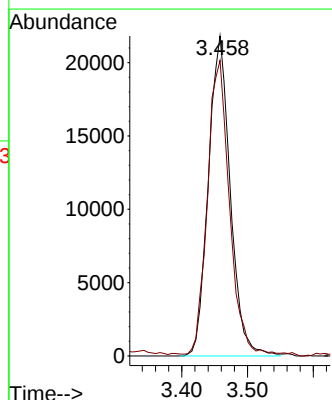
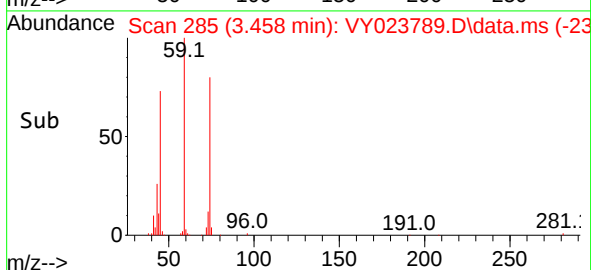
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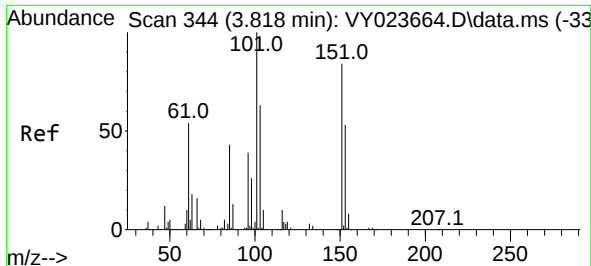


#8
Diethyl Ether
Concen: 21.706 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 50585
Ion Ratio Lower Upper
74 100
45 91.5 40.6 121.7





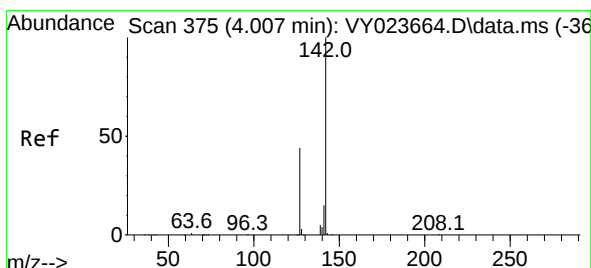
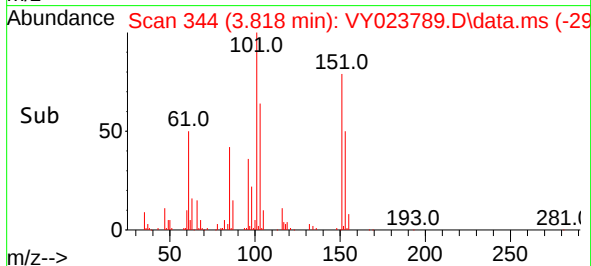
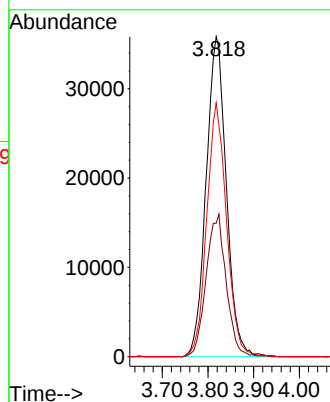
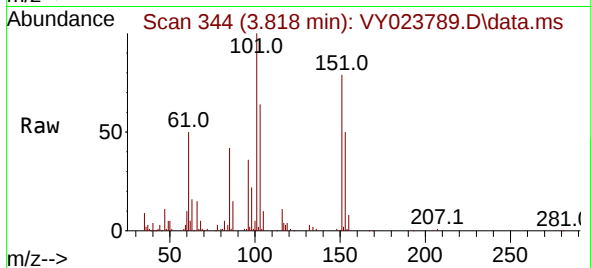
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.032 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion:101 Resp: 110275
Ion Ratio Lower Upper
101 100
85 44.1 34.4 51.6
151 77.4 65.6 98.4

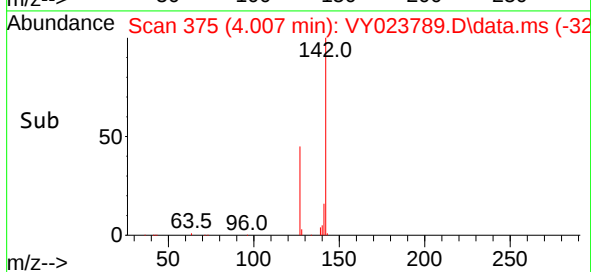
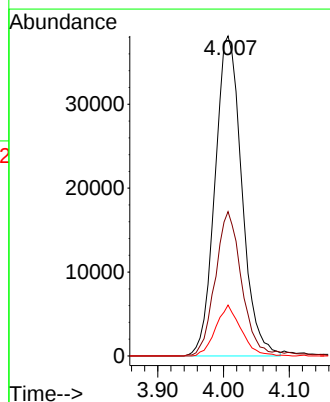
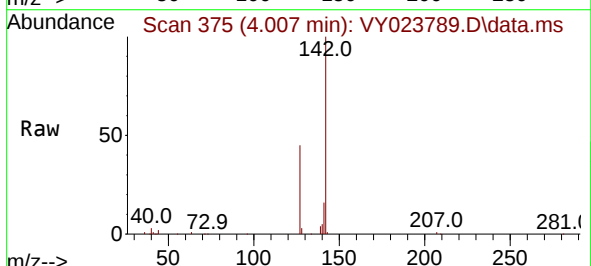
Manual Integrations
APPROVED

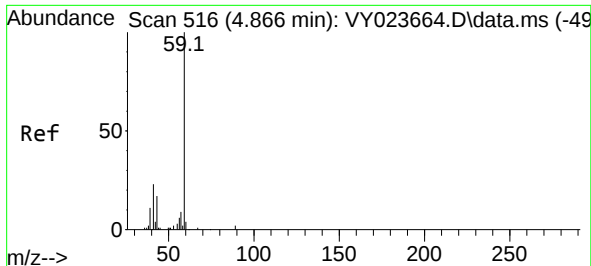
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#10
Methyl Iodide
Concen: 19.152 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

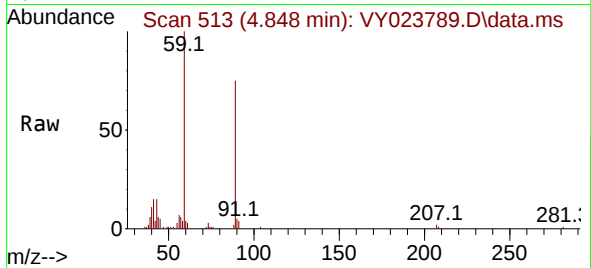
Tgt Ion:142 Resp: 108285
Ion Ratio Lower Upper
142 100
127 45.4 34.6 51.8
141 15.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 190.511 ug/l
RT: 4.848 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

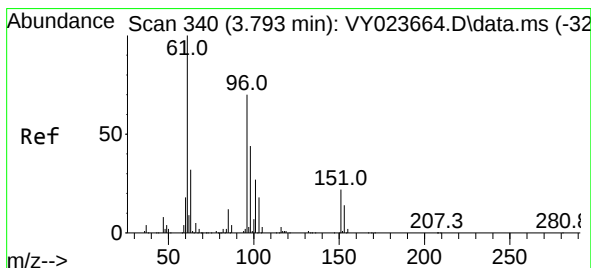
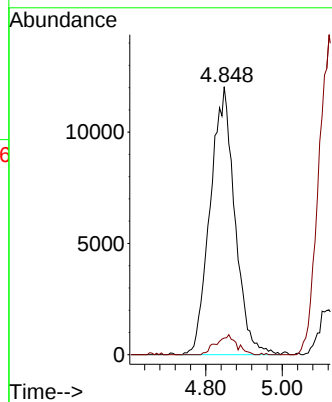
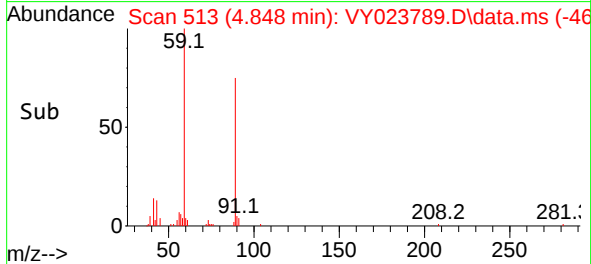
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 59 Resp: 5409
Ion Ratio Lower Upper
59 100
57 6.2 7.4 11.2

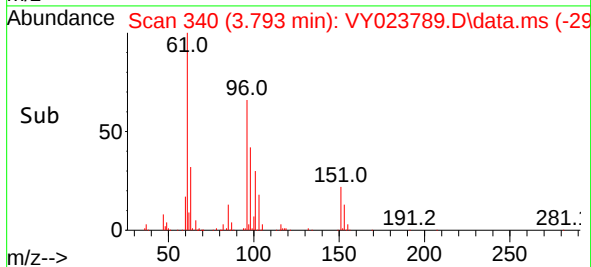
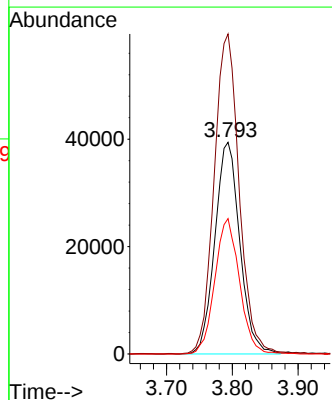
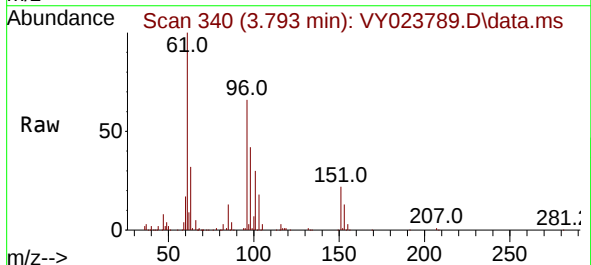
Manual Integrations
APPROVED

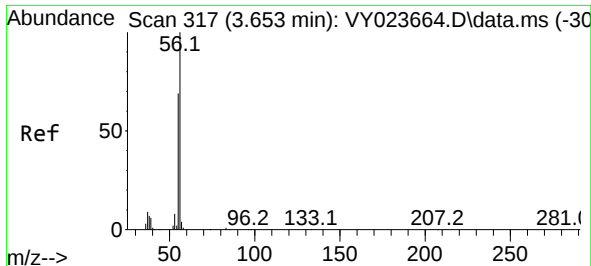
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#12
1,1-Dichloroethene
Concen: 22.559 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

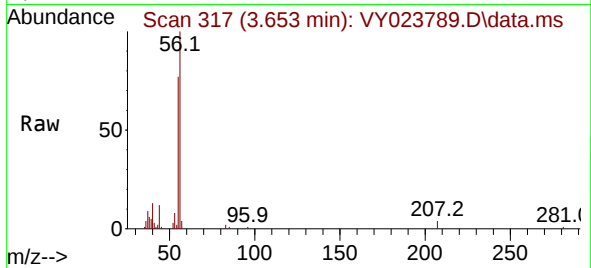
Tgt Ion: 96 Resp: 104048
Ion Ratio Lower Upper
96 100
61 151.1 114.0 171.0
98 63.9 50.2 75.2





#13
Acrolein
Concen: 68.837 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

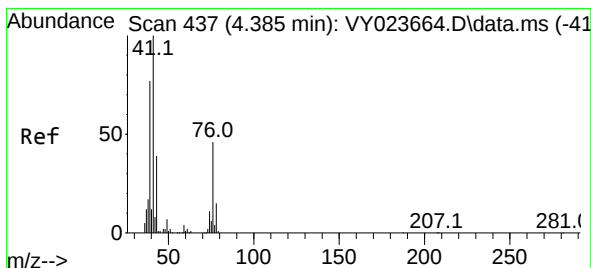
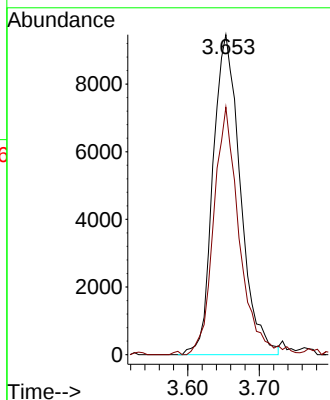
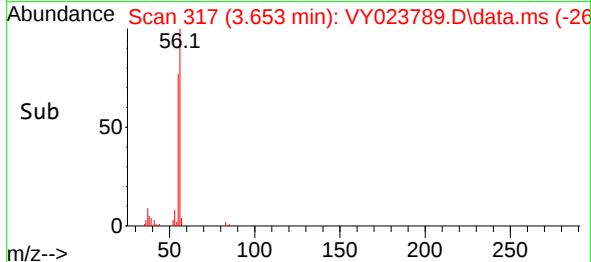
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



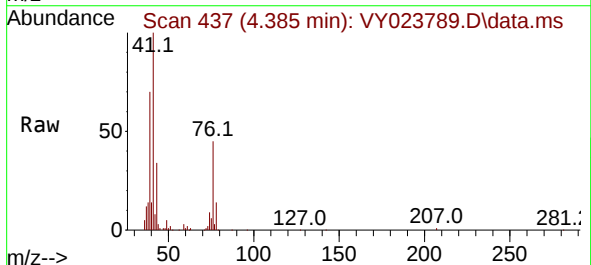
Tgt Ion: 56 Resp: 2512
Ion Ratio Lower Upper
56 100
55 72.6 56.6 84.8

Manual Integrations
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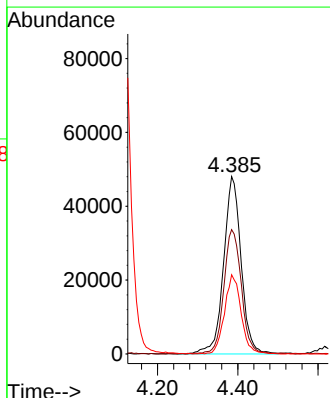
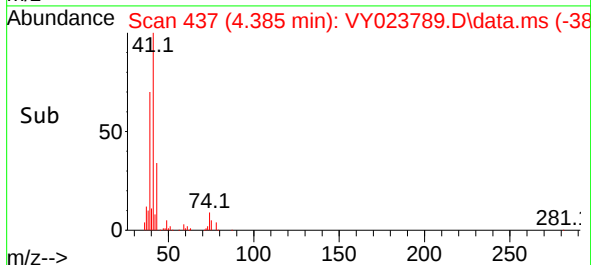
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

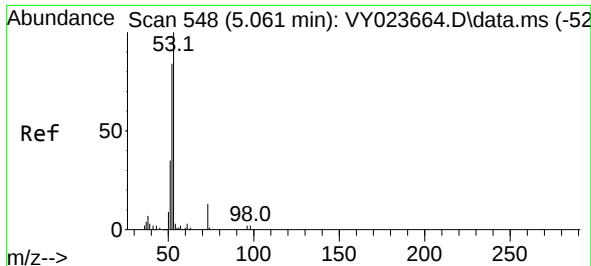


#14
Allyl chloride
Concen: 25.998 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



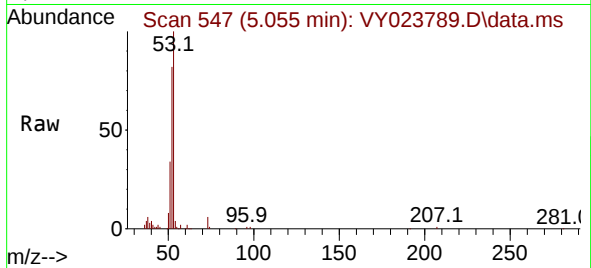
Tgt Ion: 41 Resp: 145952
Ion Ratio Lower Upper
41 100
39 70.0 60.4 90.6
76 42.1 38.0 57.0





#15
Acrylonitrile
Concen: 115.446 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

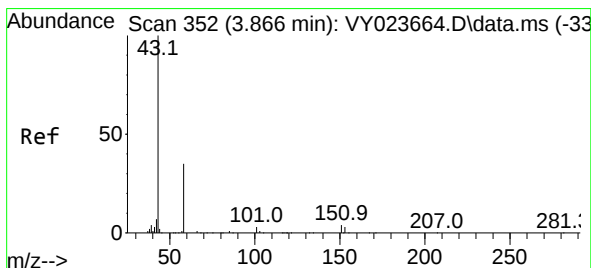
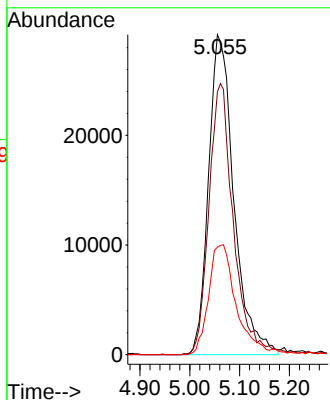
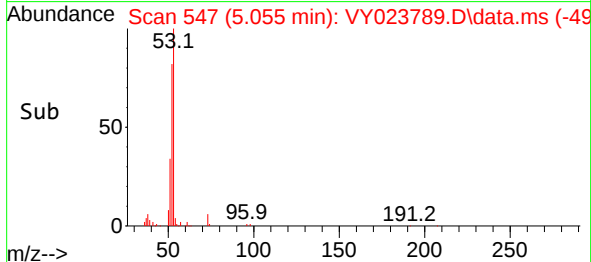
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



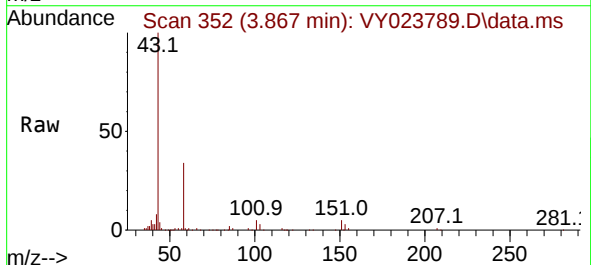
Tgt Ion: 53 Resp: 102810
Ion Ratio Lower Upper
53 100
52 82.0 64.9 97.3
51 37.0 29.4 44.0

Manual Integrations
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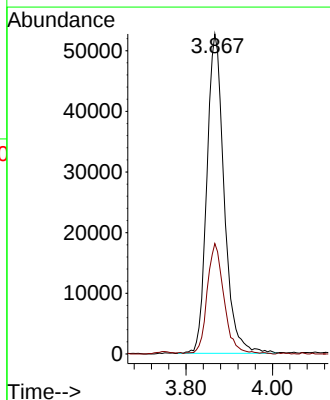
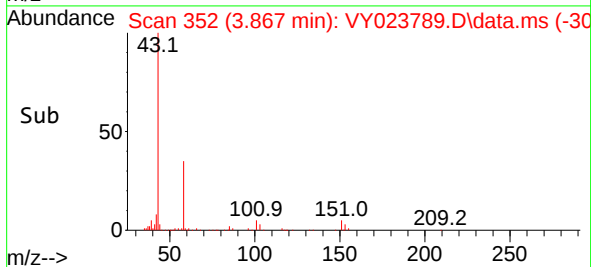
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

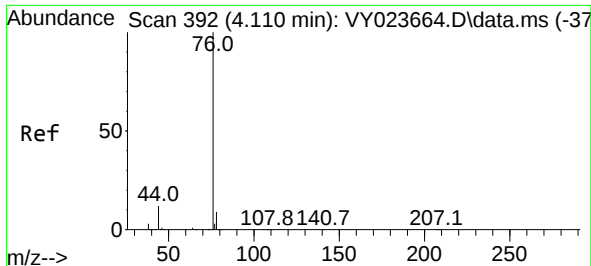


#16
Acetone
Concen: 133.229 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



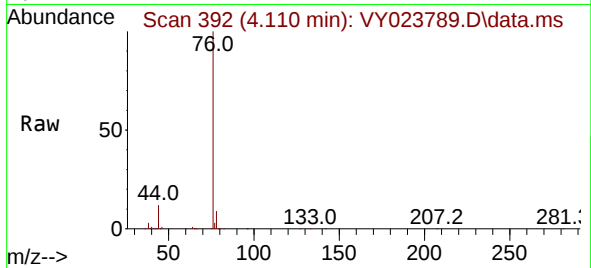
Tgt Ion: 43 Resp: 145827
Ion Ratio Lower Upper
43 100
58 34.3 28.2 42.4





#17
Carbon Disulfide
Concen: 23.332 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

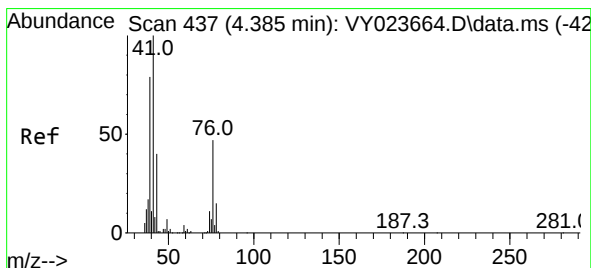
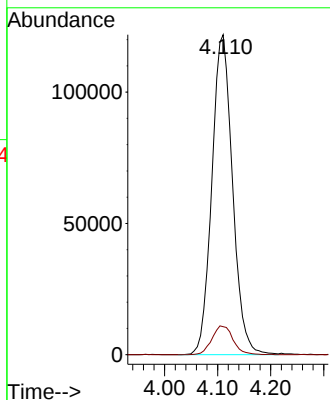
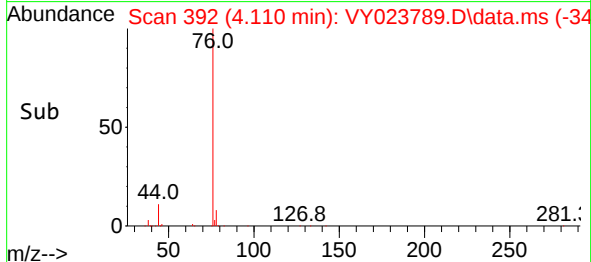
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



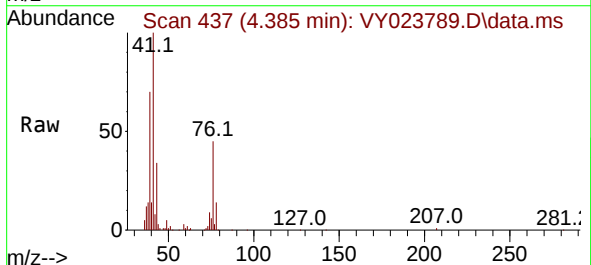
Tgt Ion: 76 Resp: 330289
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

Manual Integrations
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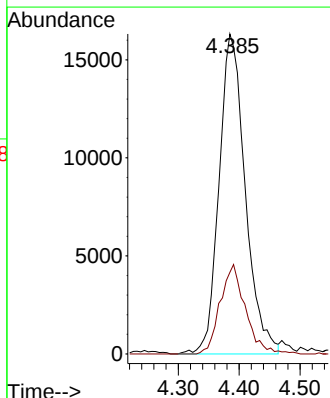
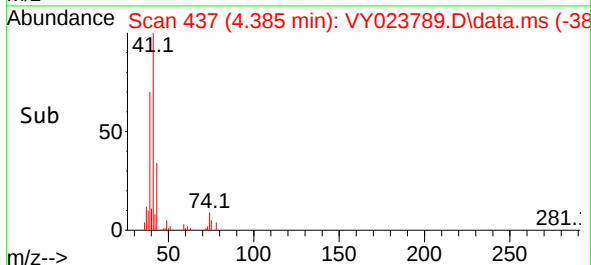
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

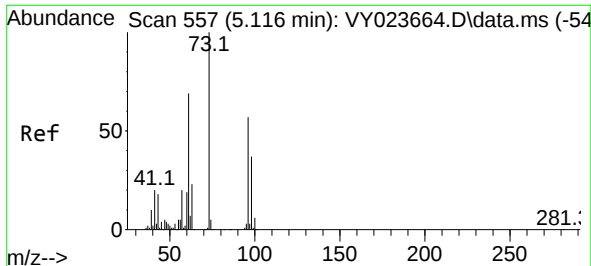


#18
Methyl Acetate
Concen: 20.165 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion: 43 Resp: 48683
Ion Ratio Lower Upper
43 100
74 27.0 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 21.529 ug/l

RT: 5.116 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01

Tgt Ion: 73 Resp: 230240

Ion Ratio Lower Upper

73 100

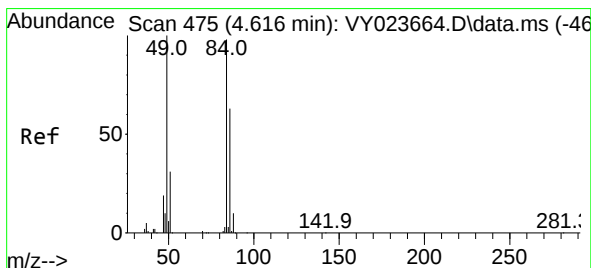
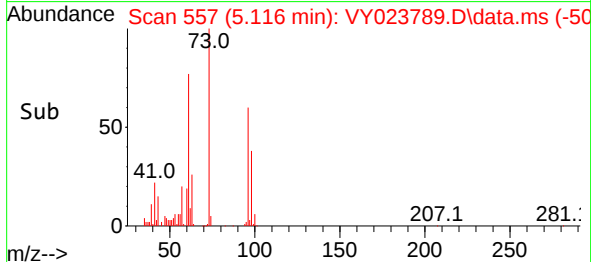
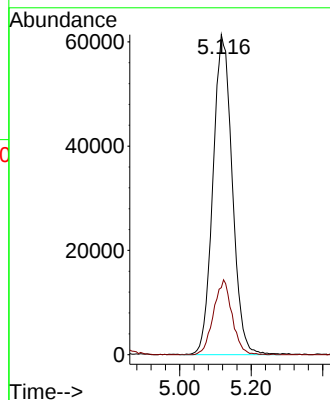
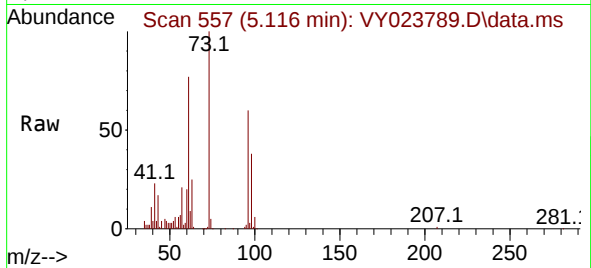
57 20.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#20

Methylene Chloride

Concen: 25.736 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Tgt Ion: 84 Resp: 135988

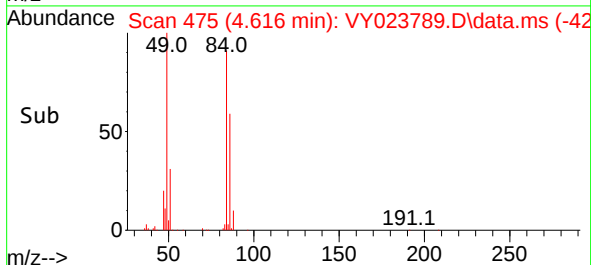
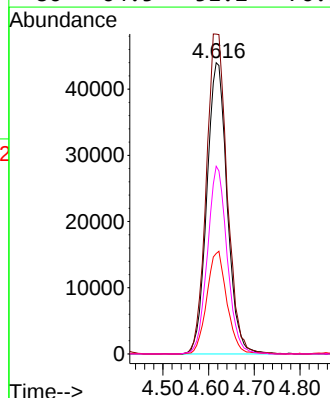
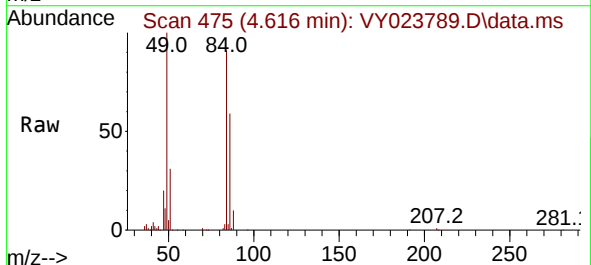
Ion Ratio Lower Upper

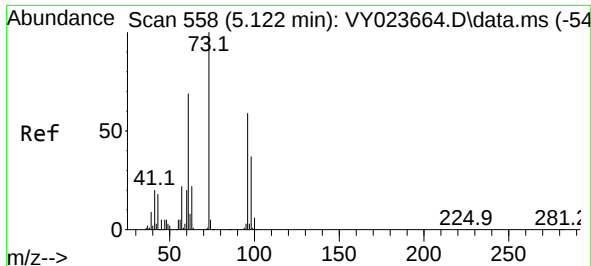
84 100

49 109.8 81.5 122.3

51 34.5 25.5 38.3

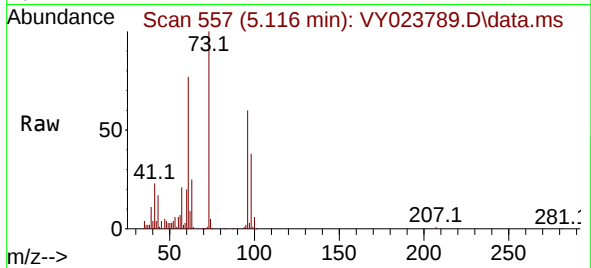
86 64.5 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 22.430 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

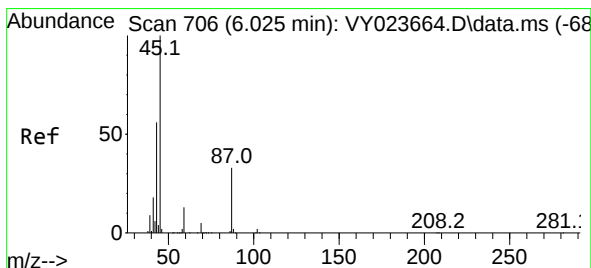
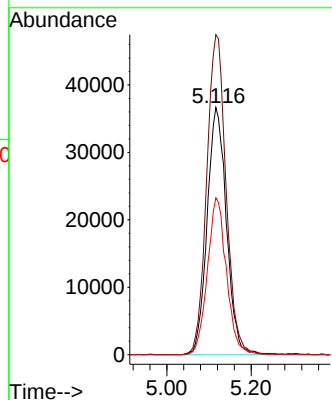
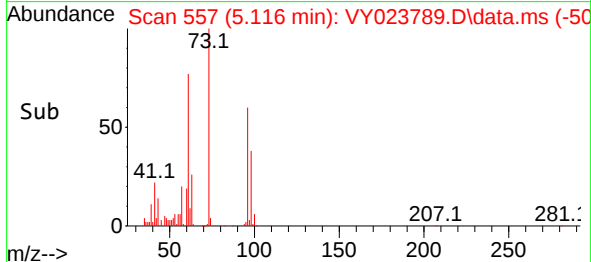
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 96 Resp: 116644
Ion Ratio Lower Upper
96 100
61 129.4 93.3 139.9
98 63.4 50.6 75.8

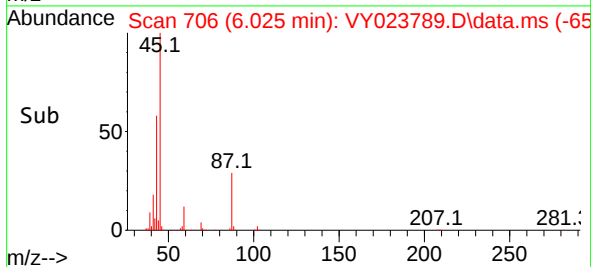
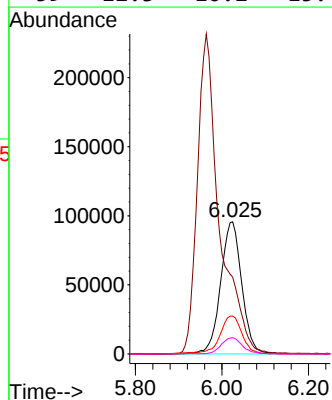
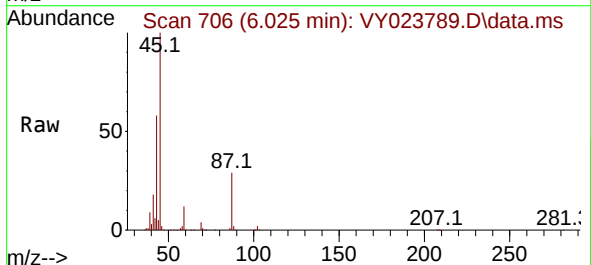
Manual Integrations
APPROVED

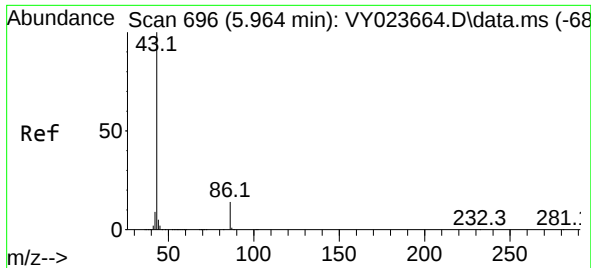
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#22
Diisopropyl ether
Concen: 25.939 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

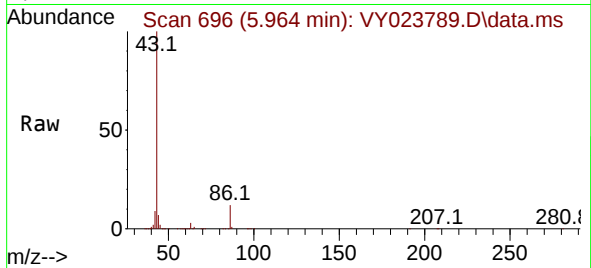
Tgt Ion: 45 Resp: 324481
Ion Ratio Lower Upper
45 100
43 57.4 44.7 67.1
87 28.6 27.2 40.8
59 12.3 10.2 15.4





#23
 Vinyl Acetate
 Concen: 123.469 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023789.D
 Acq: 24 Nov 2025 14:46

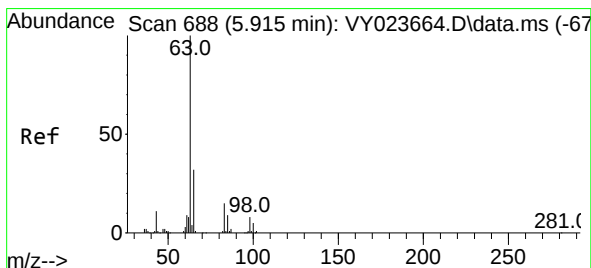
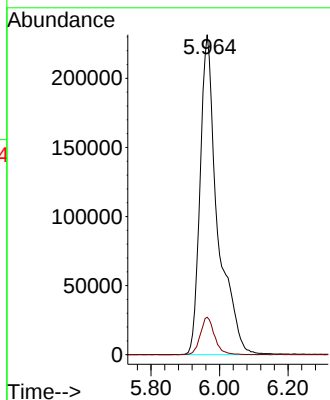
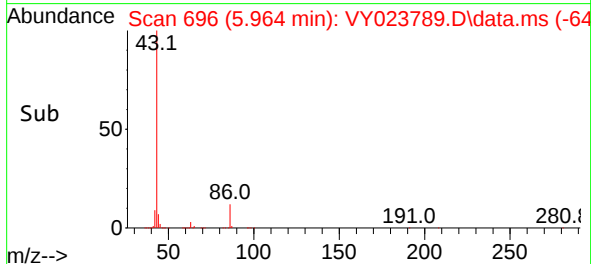
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBSD01



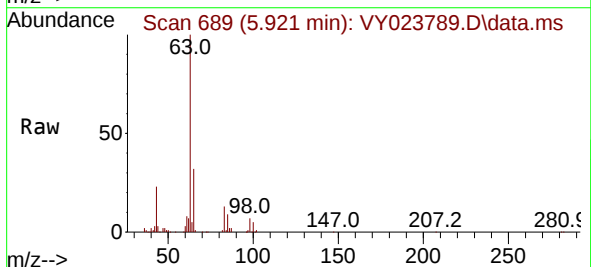
Tgt Ion: 43 Resp: 824210
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.9 16.3

Manual Integrations
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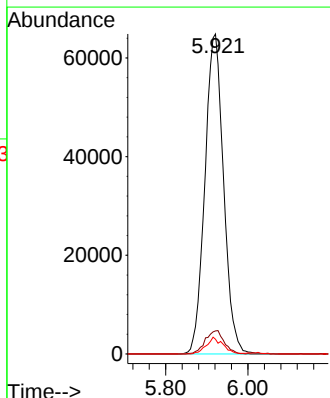
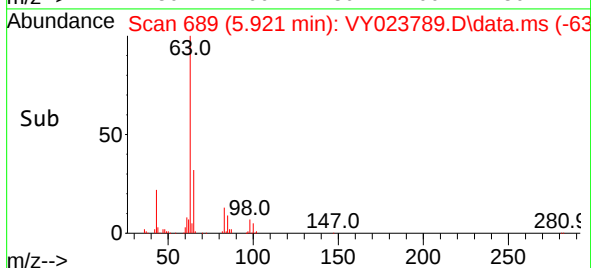
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

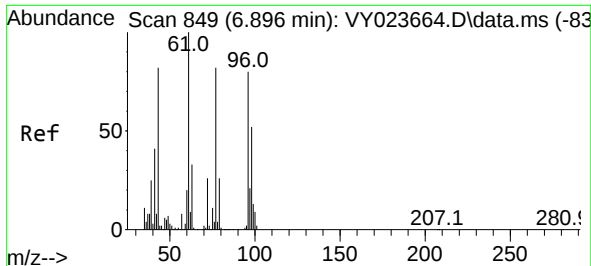


#24
 1,1-Dichloroethane
 Concen: 24.563 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023789.D
 Acq: 24 Nov 2025 14:46



Tgt Ion: 63 Resp: 204699
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 11.9
 100 4.6 2.6 7.8





#25

2-Butanone

Concen: 126.003 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 43 Resp: 159458

Ion Ratio Lower Upper

43 100

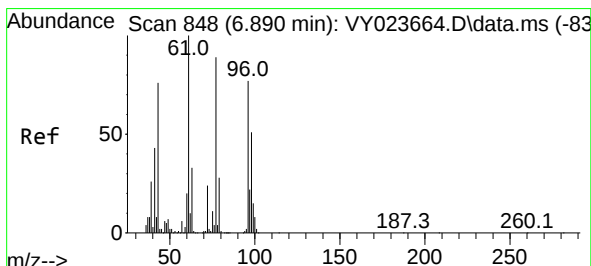
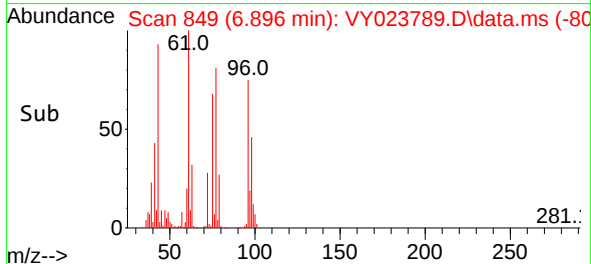
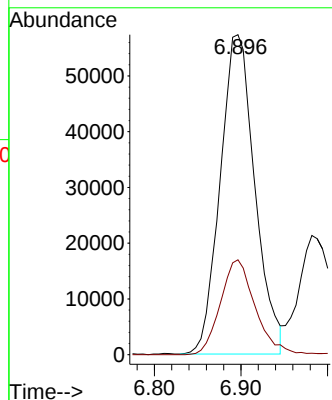
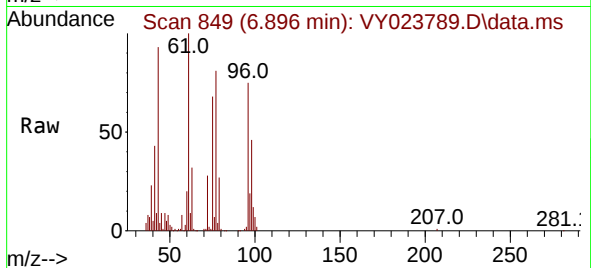
72 29.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#26

2,2-Dichloropropane

Concen: 23.381 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY023789.D

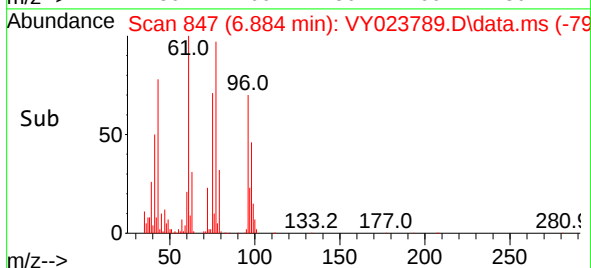
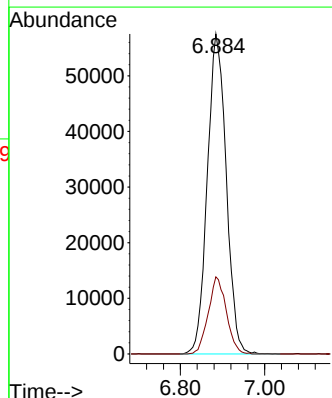
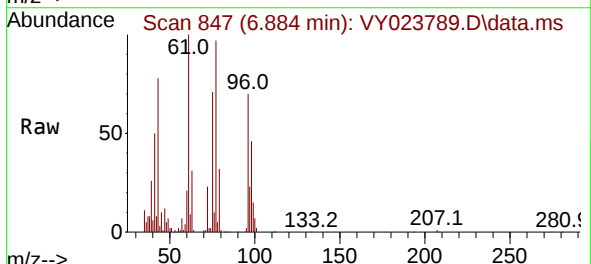
Acq: 24 Nov 2025 14:46

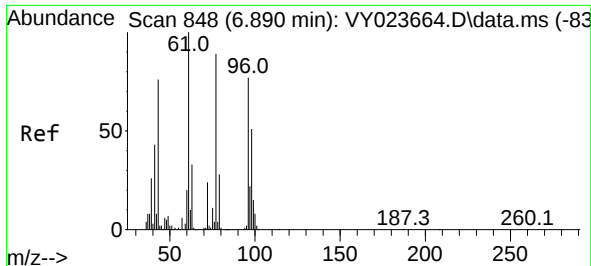
Tgt Ion: 77 Resp: 179231

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.907 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023789.D

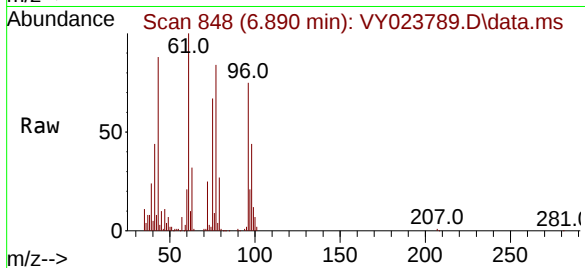
Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01



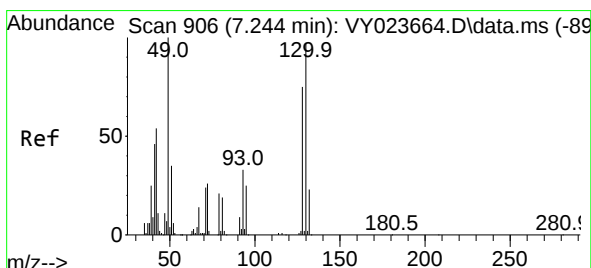
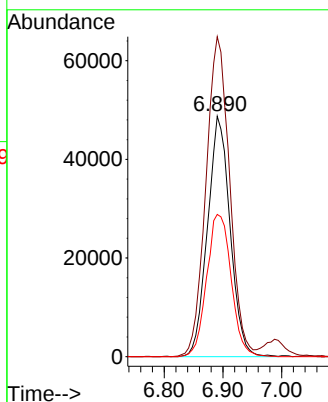
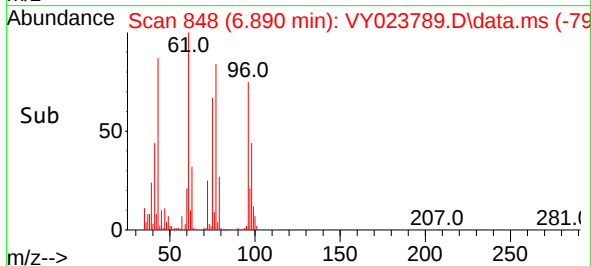
Tgt Ion:	96	Resp:	13011
Ion Ratio	100	Lower	Upper
96	100		
61	139.4	0.0	255.0
98	64.3	0.0	129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#28

Bromochloromethane

Concen: 25.060 ug/l

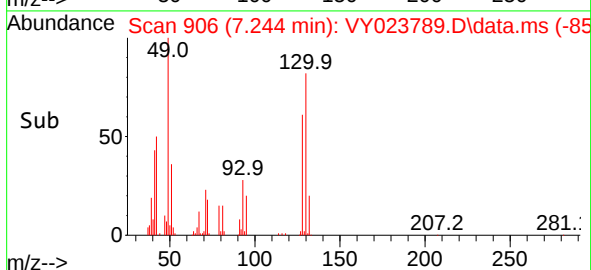
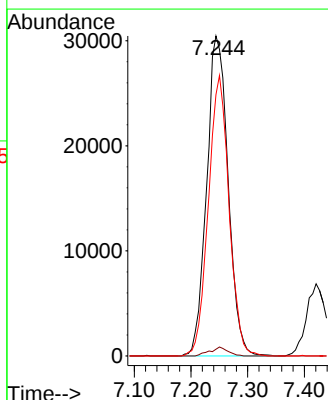
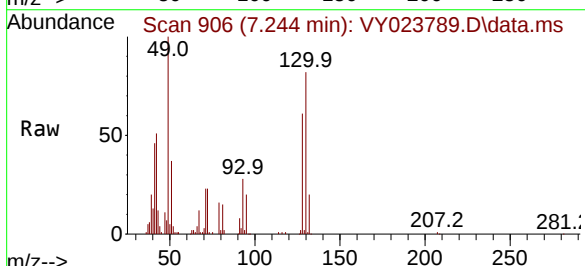
RT: 7.244 min Scan# 906

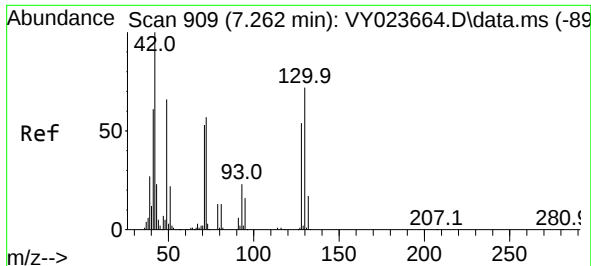
Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Tgt Ion:	49	Resp:	79965
Ion Ratio	100	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	84.5	80.1	120.1





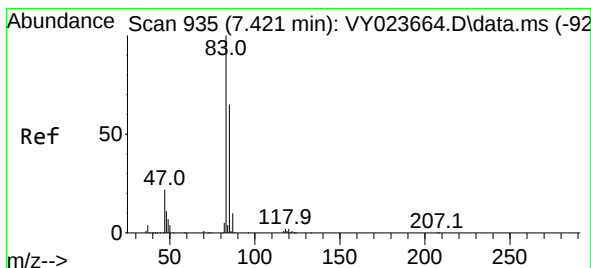
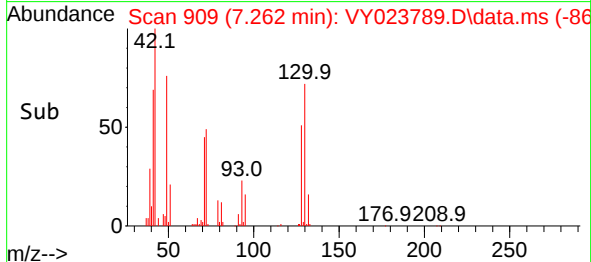
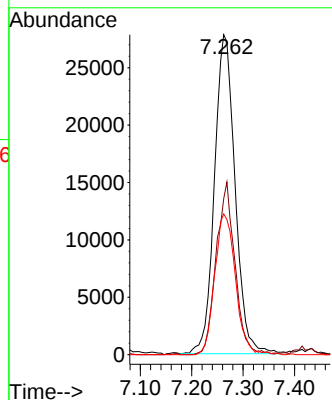
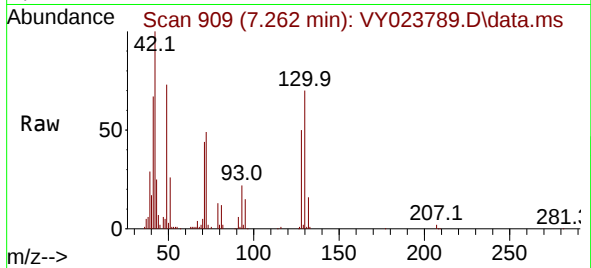
#29
Tetrahydrofuran
Concen: 115.273 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion: 42 Resp: 7769
Ion Ratio Lower Upper
42 100
72 49.3 43.4 65.2
71 44.5 40.7 61.1

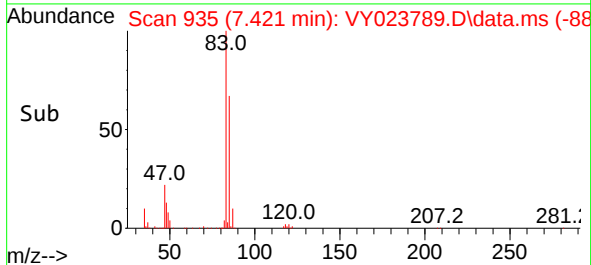
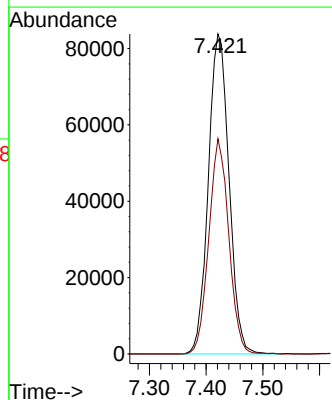
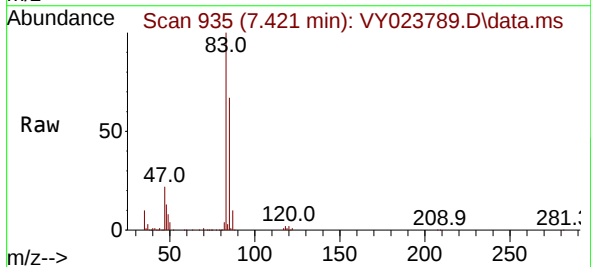
Manual Integrations
APPROVED

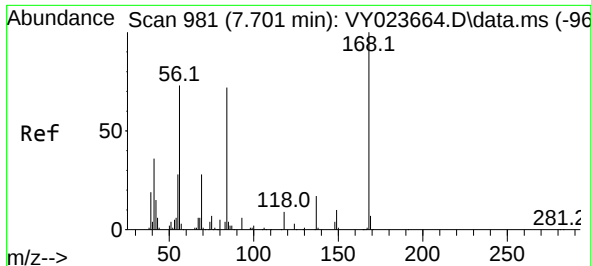
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#30
Chloroform
Concen: 22.854 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

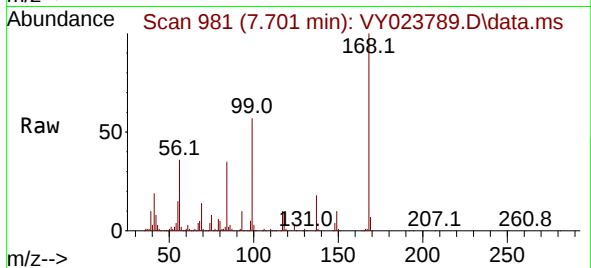
Tgt Ion: 83 Resp: 212496
Ion Ratio Lower Upper
83 100
85 67.3 52.1 78.1





#31
Cyclohexane
Concen: 24.712 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

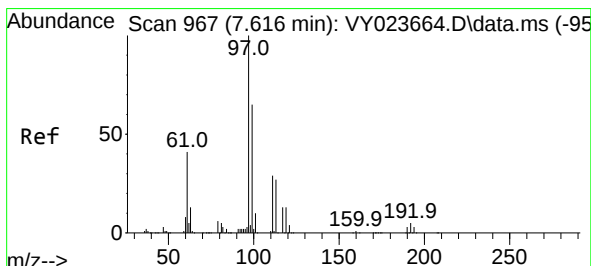
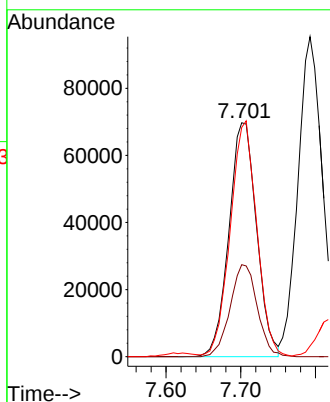
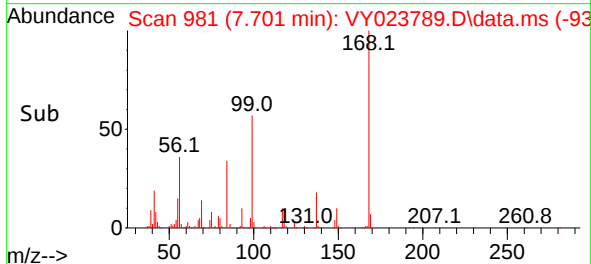
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 56 Resp: 179344
Ion Ratio Lower Upper
56 100
69 39.4 30.5 45.7
84 96.7 79.0 118.4

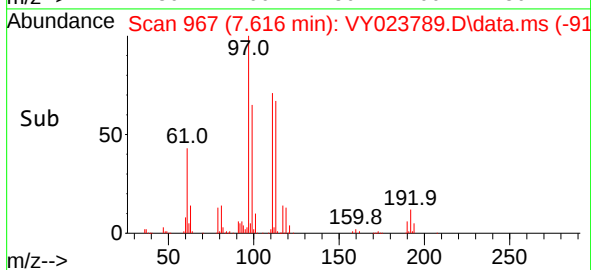
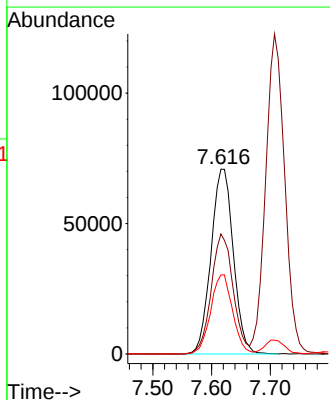
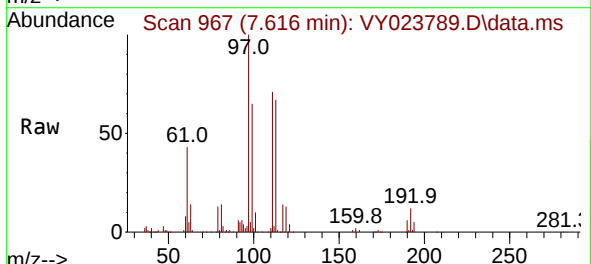
Manual Integrations
APPROVED

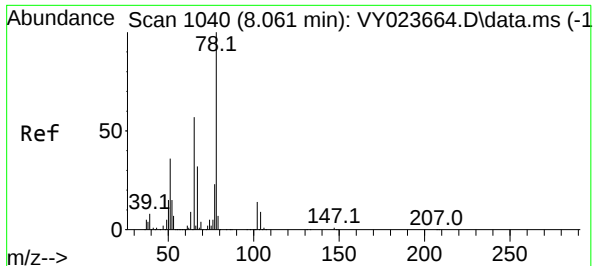
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#32
1,1,1-Trichloroethane
Concen: 22.531 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

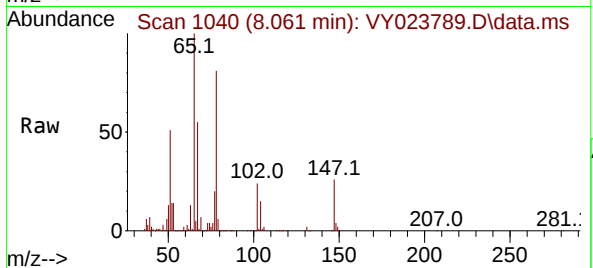
Tgt Ion: 97 Resp: 187238
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 42.1 32.5 48.7





#33
1,2-Dichloroethane-d4
Concen: 53.798 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

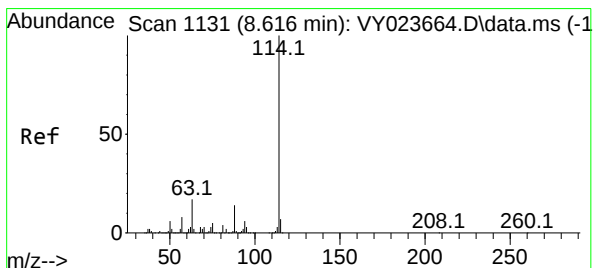
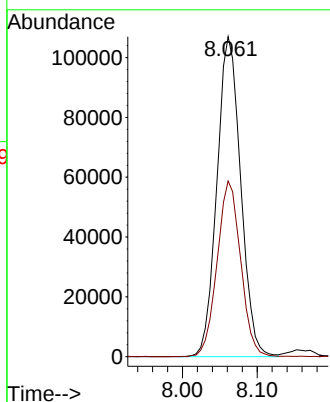
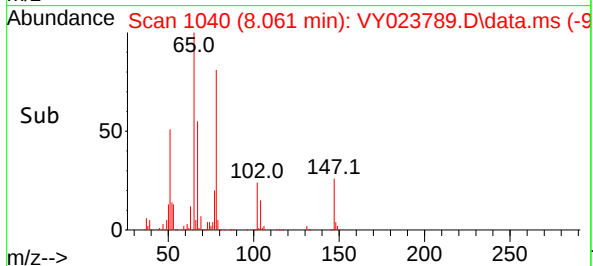
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



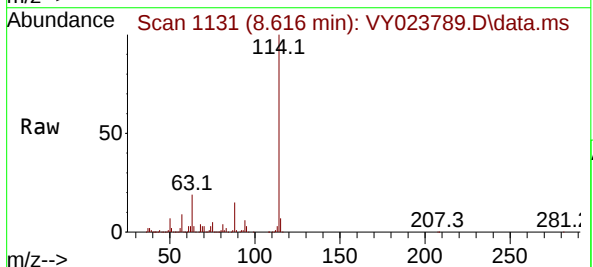
Tgt Ion: 65 Resp: 23689
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.4

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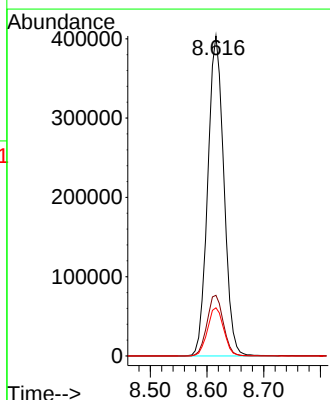
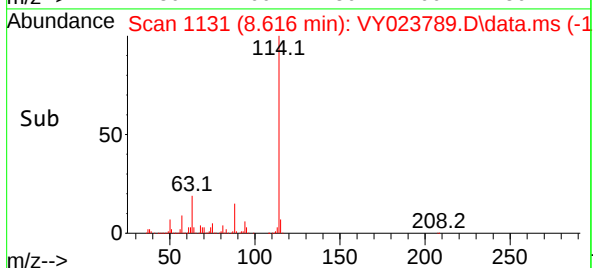
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



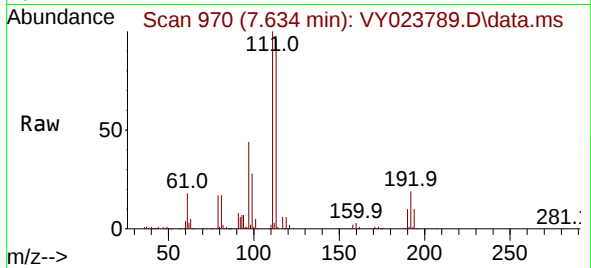
Tgt Ion:114 Resp: 795029
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.8
88 15.1 0.0 29.0





#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

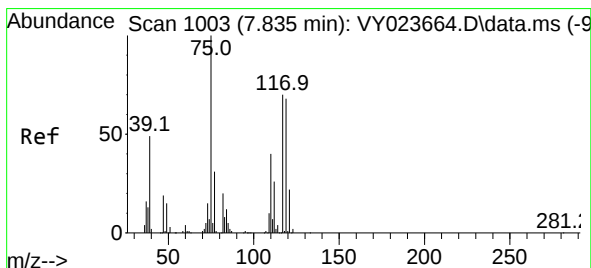
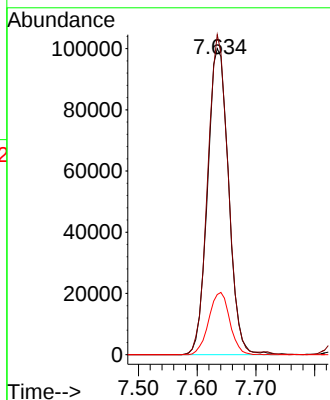
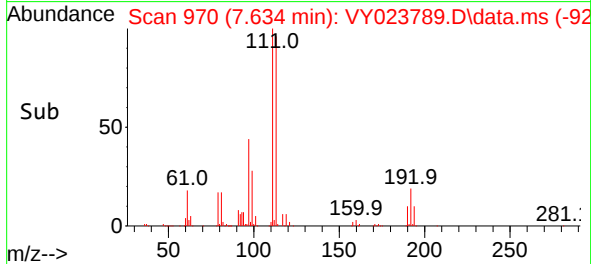
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



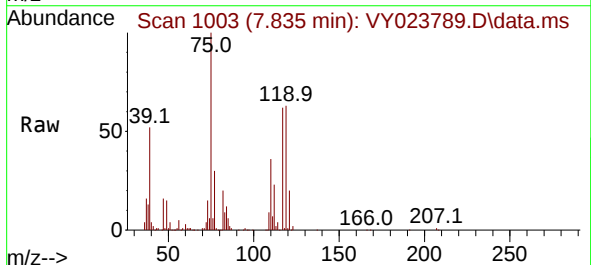
Tgt Ion:113 Resp: 248770
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 20.3 17.3 25.9

Manual Integrations
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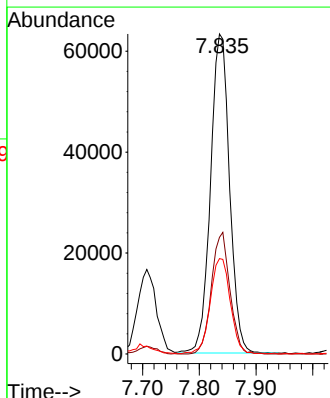
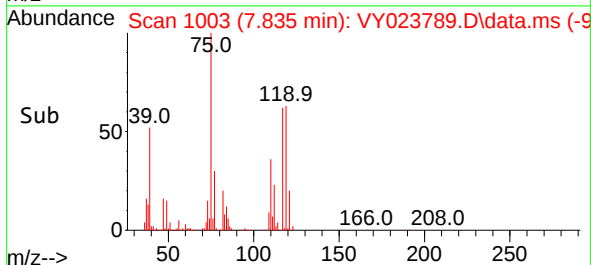
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#36
1,1-Dichloropropene
Concen: 22.206 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion: 75 Resp: 147429
Ion Ratio Lower Upper
75 100
110 37.0 19.7 59.0
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 22.899 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023789.D

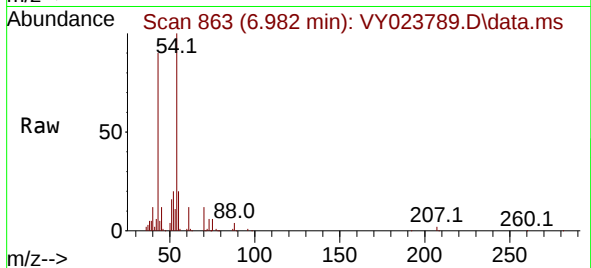
Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

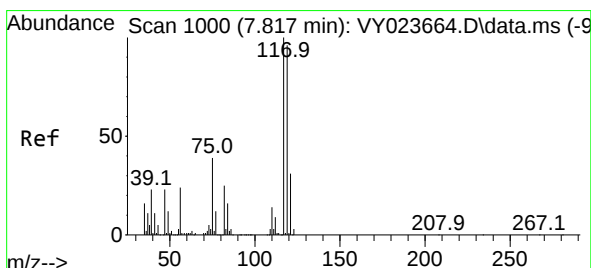
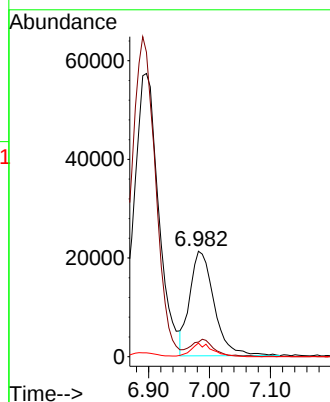
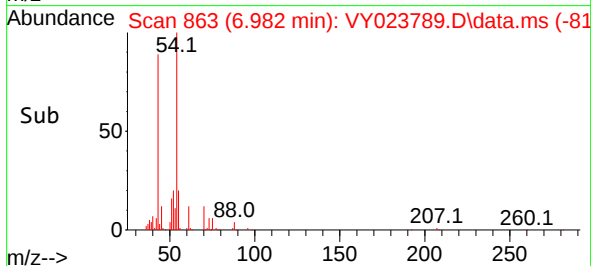
VY1124SBSD01



Tgt Ion:	43	Resp:	58854
Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.4	18.6
70	11.4	9.8	14.8

Manual Integrations
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Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#38

Carbon Tetrachloride

Concen: 21.304 ug/l

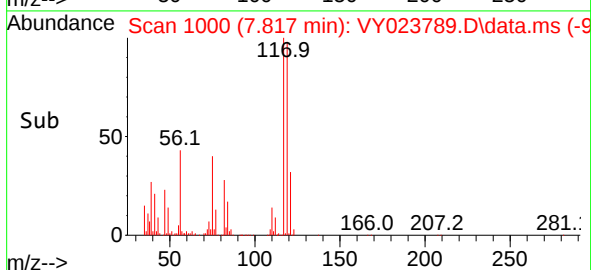
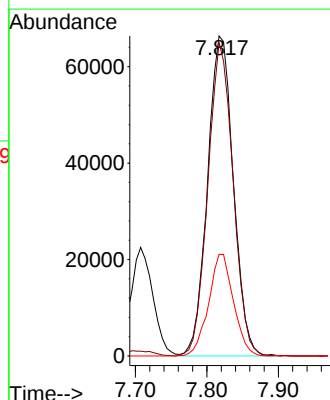
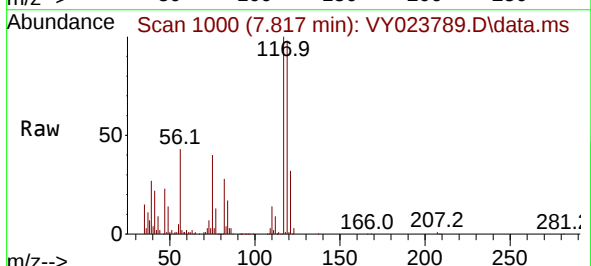
RT: 7.817 min Scan# 1000

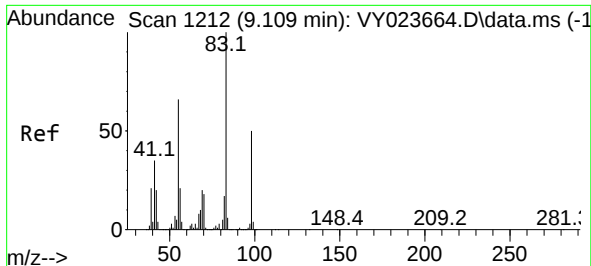
Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Tgt Ion:	117	Resp:	166644
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.3	114.5
121	31.8	24.8	37.2





#39

Methylcyclohexane

Concen: 22.957 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023789.D

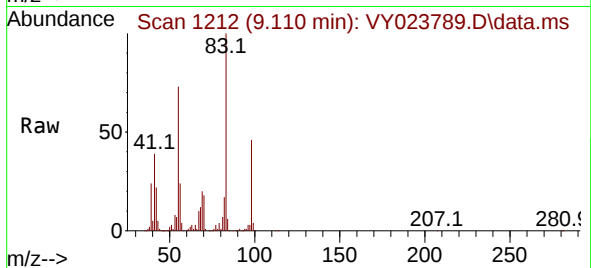
Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01



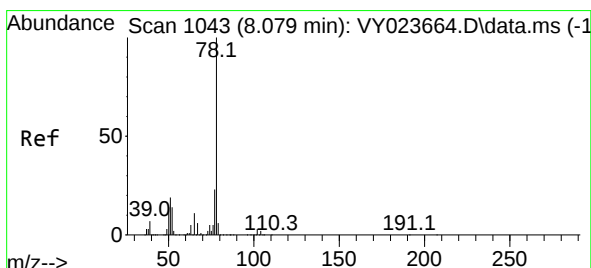
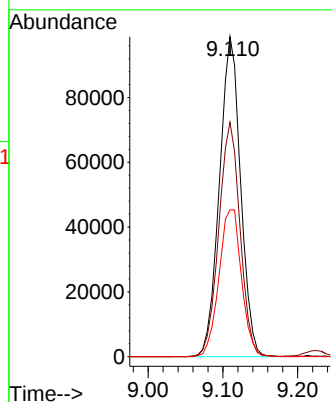
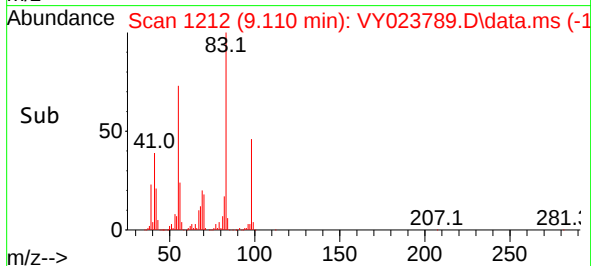
Tgt Ion:	83	Resp:	19474
Ion	Ratio	Lower	Upper
83	100		
55	73.2	52.6	78.8
98	45.8	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#40

Benzene

Concen: 22.792 ug/l

RT: 8.079 min Scan# 1043

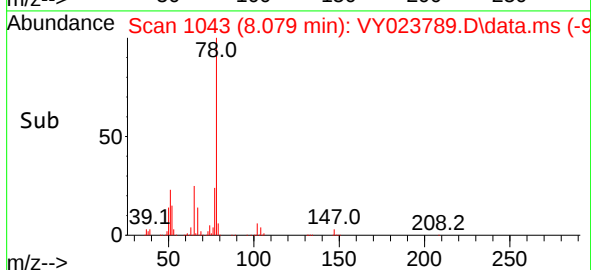
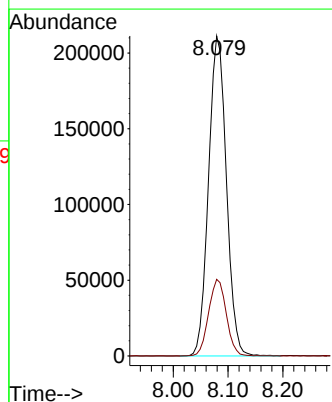
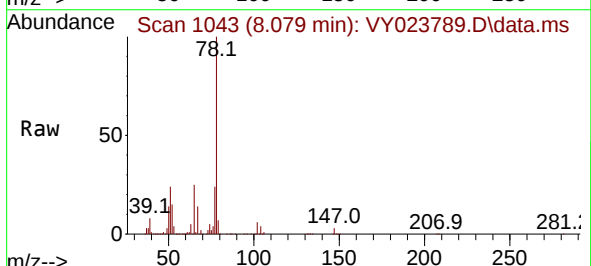
Delta R.T. 0.000 min

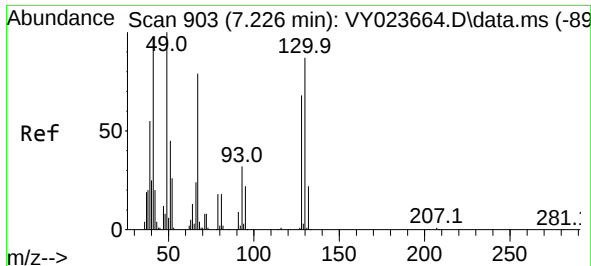
Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Tgt Ion: 78 Resp: 476970

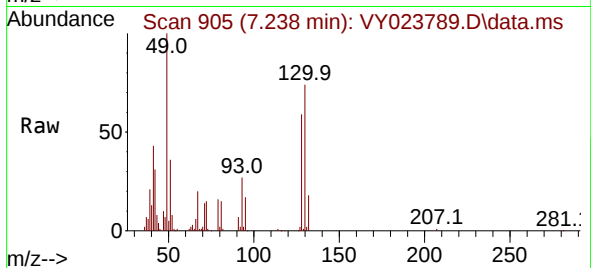
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41
Methacrylonitrile
Concen: 22.012 ug/l m
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

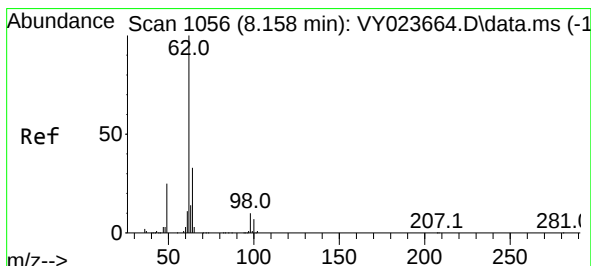
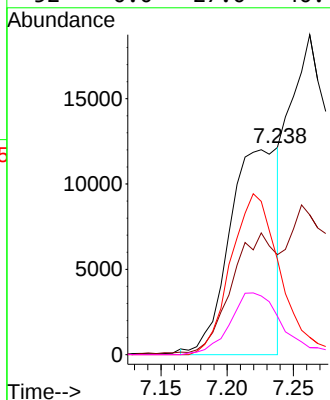
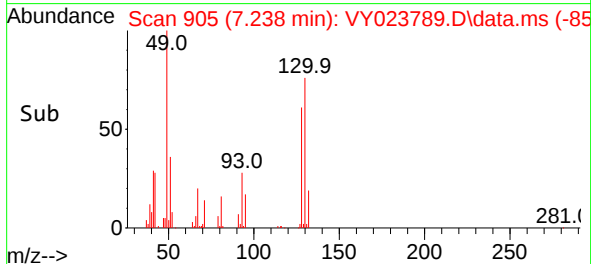
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 41 Resp: 3088
Ion Ratio Lower Upper
41 100
39 70.9 38.6 57.8
67 0.0 71.3 106.9
52 0.0 27.0 40.4

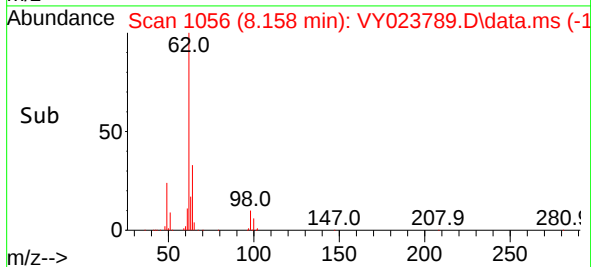
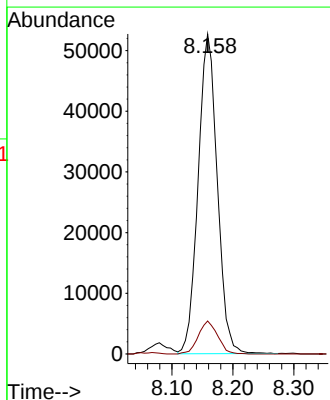
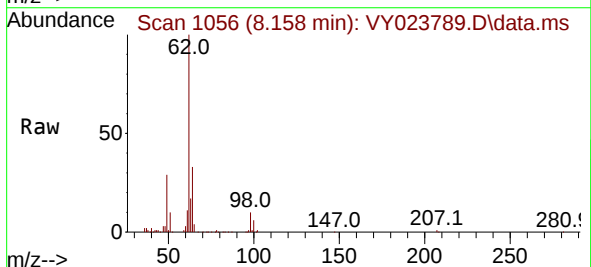
Manual Integrations
APPROVED

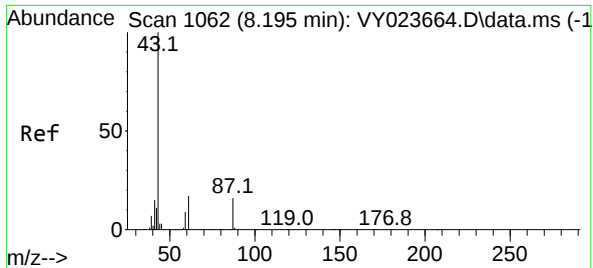
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#42
1,2-Dichloroethane
Concen: 21.725 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

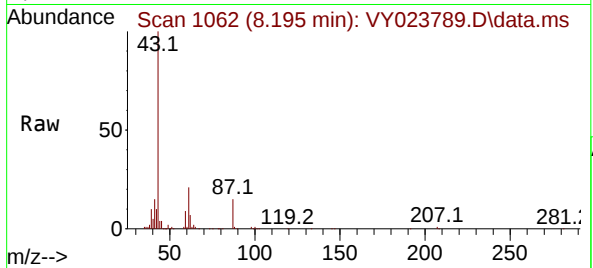
Tgt Ion: 62 Resp: 115021
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0





#43
Isopropyl Acetate
Concen: 21.735 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

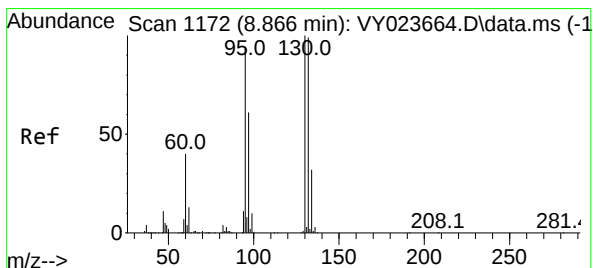
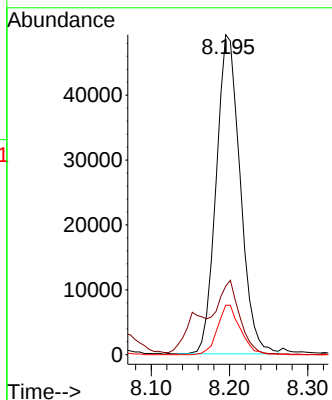
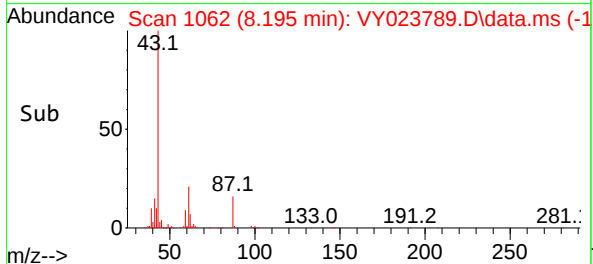
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



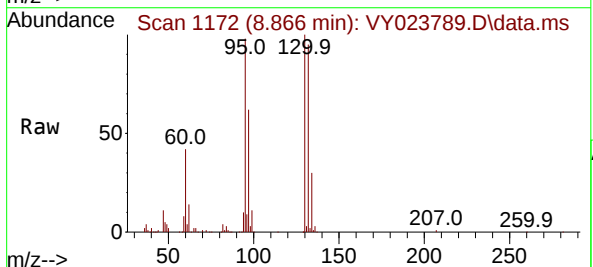
Tgt Ion: 43 Resp: 104959
Ion Ratio Lower Upper
43 100
61 23.1 18.2 27.2
87 14.8 13.3 19.9

Manual Integrations
APPROVED

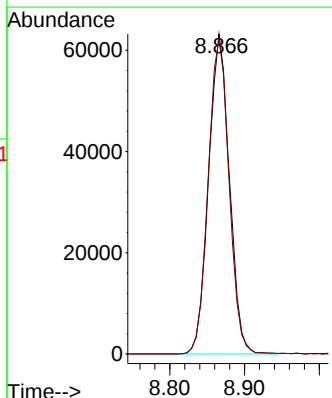
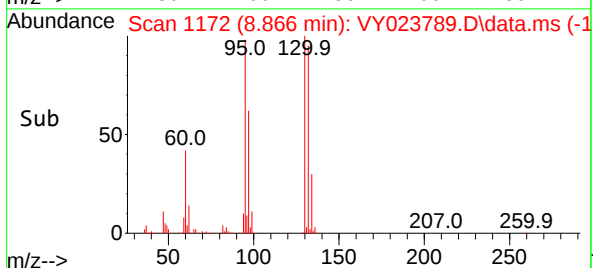
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

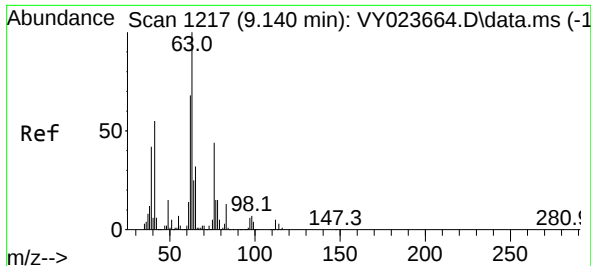


#44
Trichloroethene
Concen: 20.324 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion:130 Resp: 122161
Ion Ratio Lower Upper
130 100
95 98.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 24.566 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 63 Resp: 113460

Ion Ratio Lower Upper

63 100

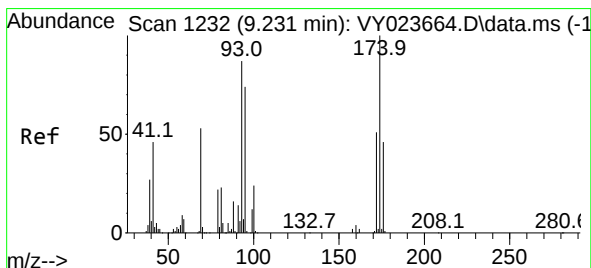
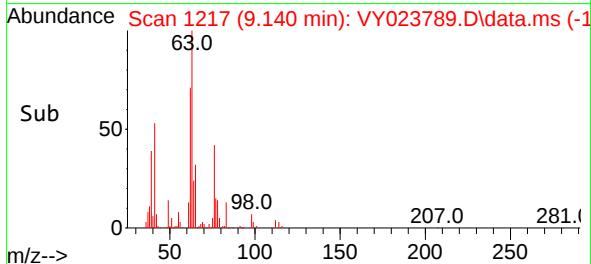
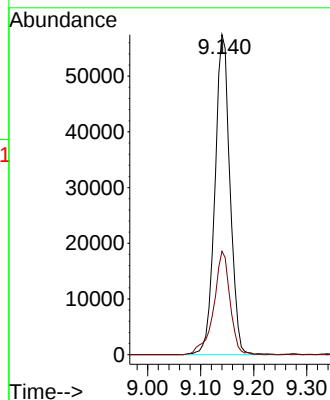
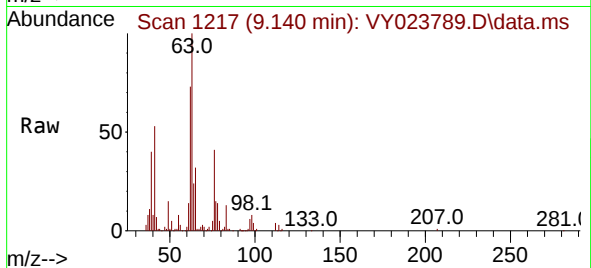
65 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#46

Dibromomethane

Concen: 21.966 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

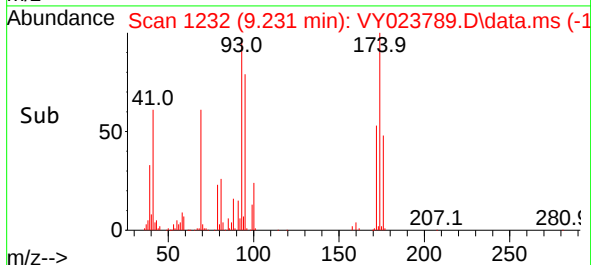
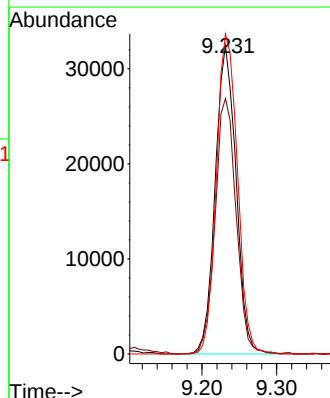
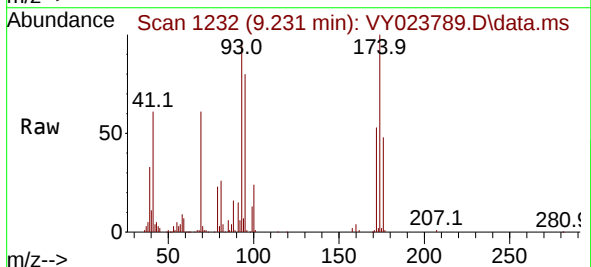
Tgt Ion: 93 Resp: 62861

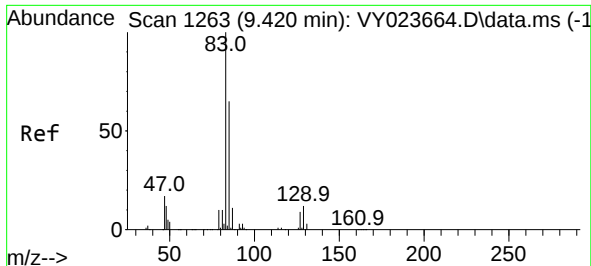
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.2

174 104.7 89.4 134.0





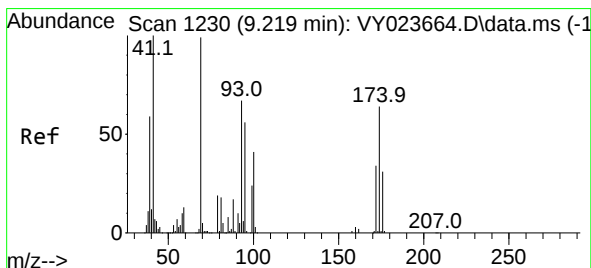
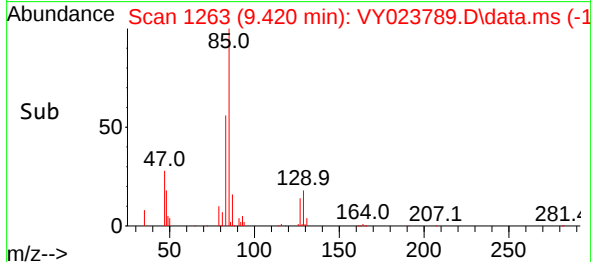
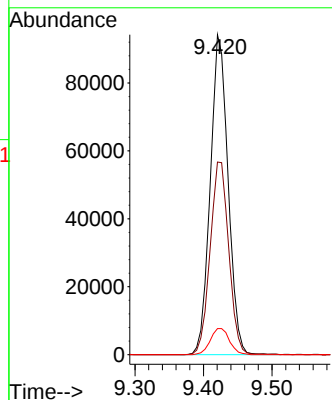
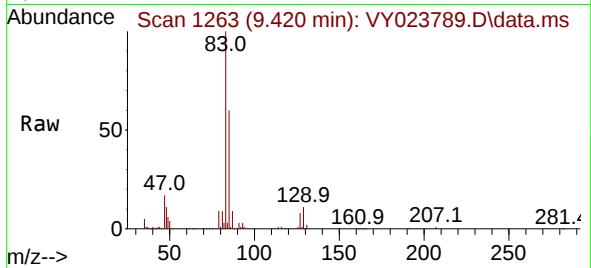
#47
Bromodichloromethane
Concen: 23.556 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion: 83 Resp: 16995
Ion Ratio Lower Upper
83 100
85 60.2 52.1 78.1
127 8.2 7.5 11.3

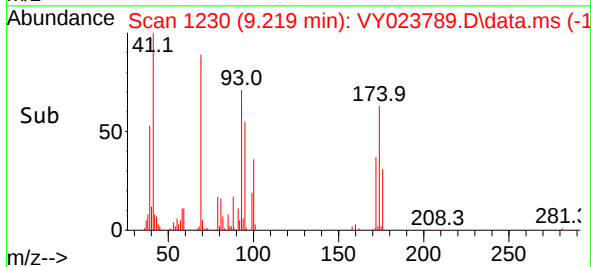
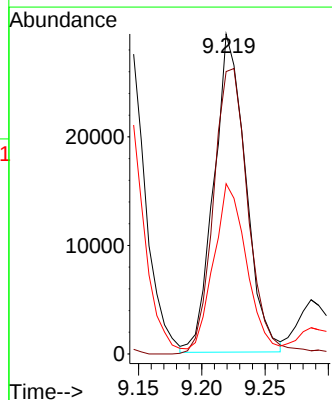
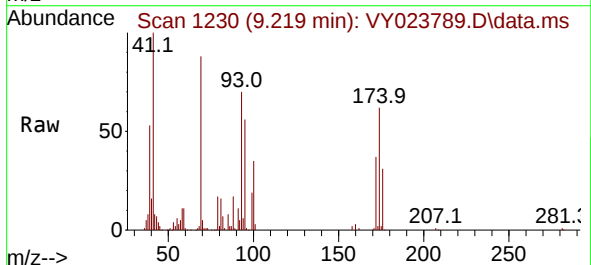
Manual Integrations
APPROVED

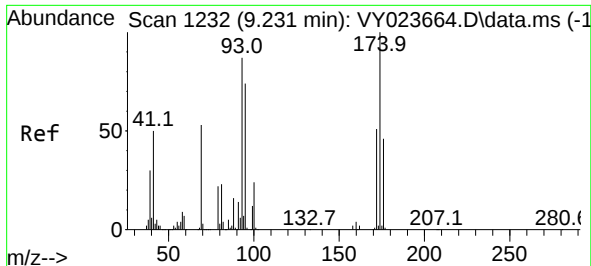
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#48
Methyl methacrylate
Concen: 22.507 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

Tgt Ion: 41 Resp: 51350
Ion Ratio Lower Upper
41 100
69 98.6 80.2 120.2
39 52.3 47.4 71.0





#49

1,4-Dioxane

Concen: 439.967 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 88 Resp: 1288

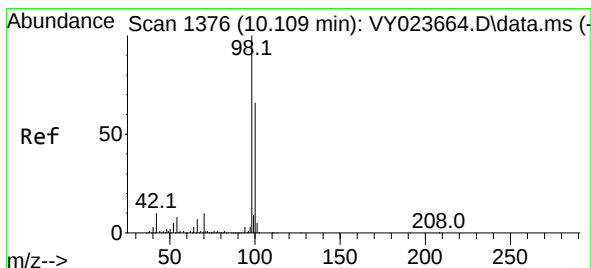
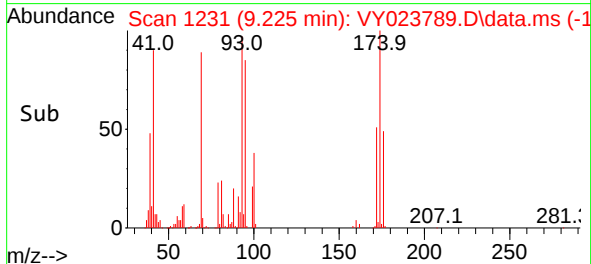
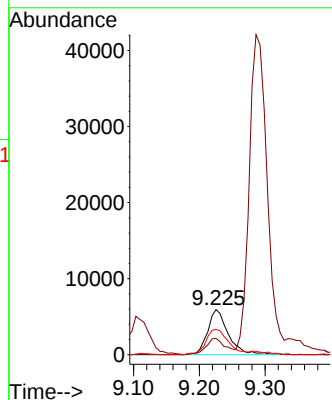
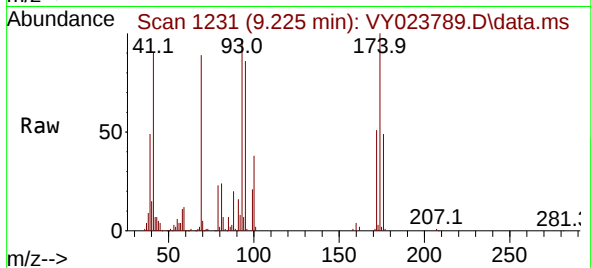
Ion	Ratio	Lower	Upper
88	100		
43	33.1	22.0	33.0
58	61.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#50

Toluene-d8

Concen: 57.946 ug/l

RT: 10.103 min Scan# 1375

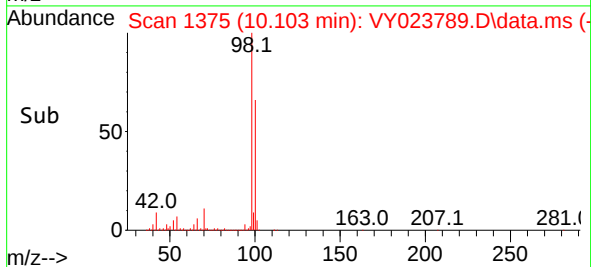
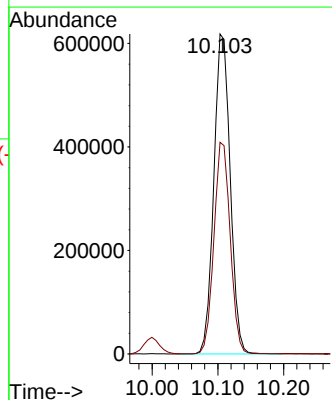
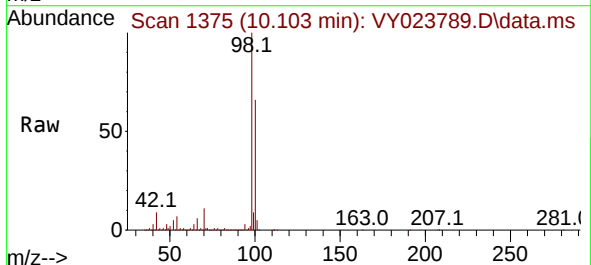
Delta R.T. -0.006 min

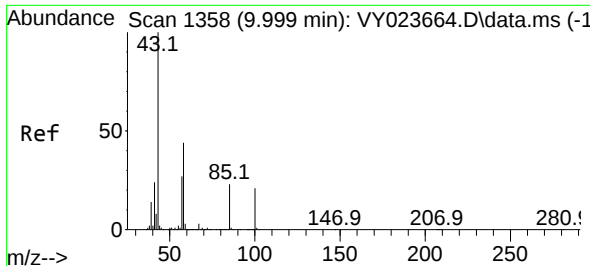
Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Tgt Ion: 98 Resp: 1072433

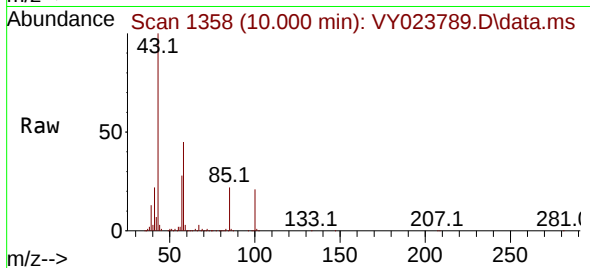
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 103.121 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

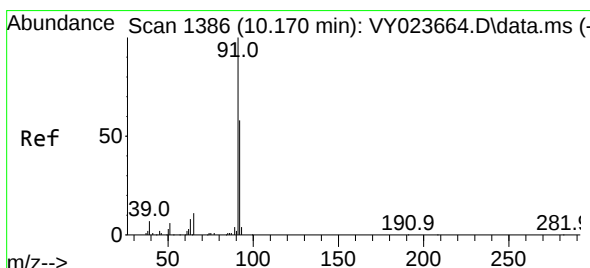
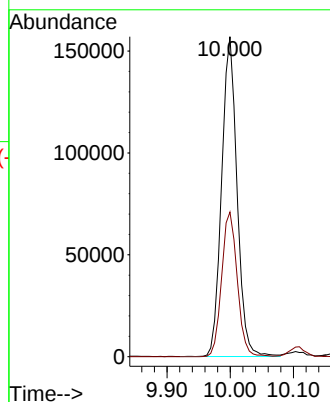
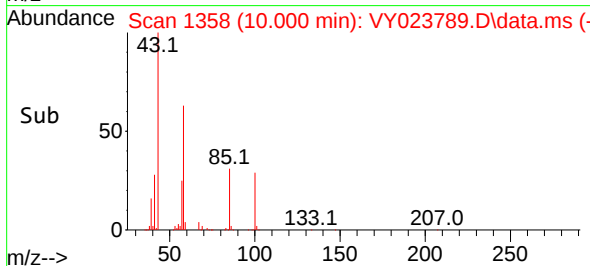
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



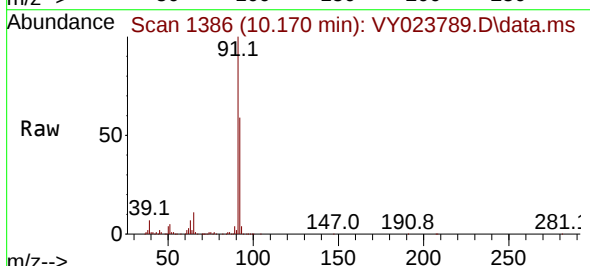
Tgt Ion: 43 Resp: 264825
Ion Ratio Lower Upper
43 100
58 45.7 34.8 52.2

Manual Integrations
APPROVED

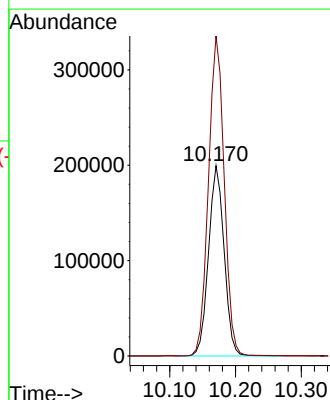
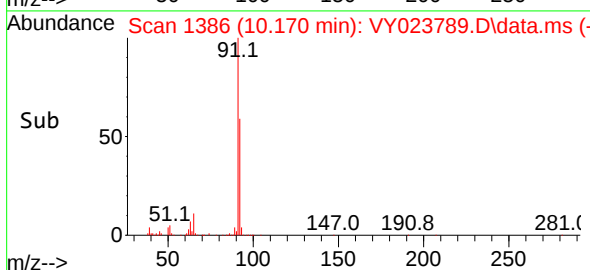
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

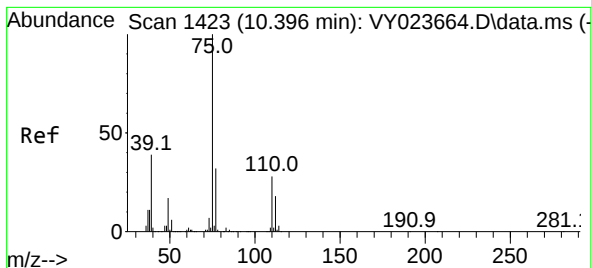


#52
Toluene
Concen: 24.557 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion: 92 Resp: 328099
Ion Ratio Lower Upper
92 100
91 170.9 137.8 206.8





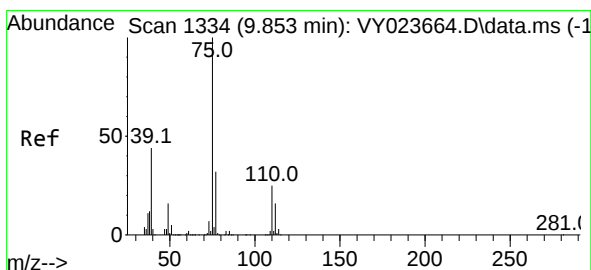
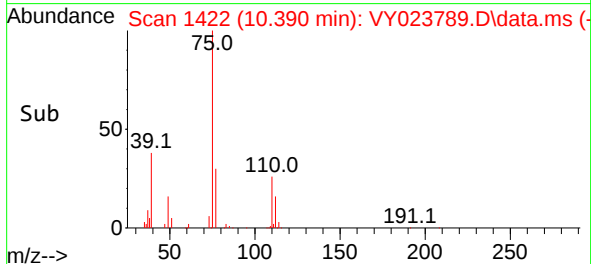
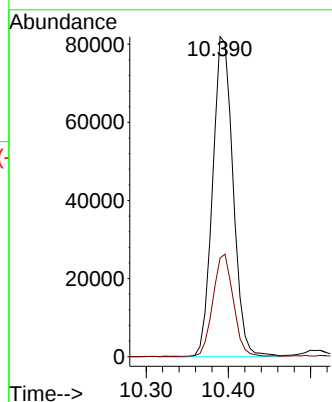
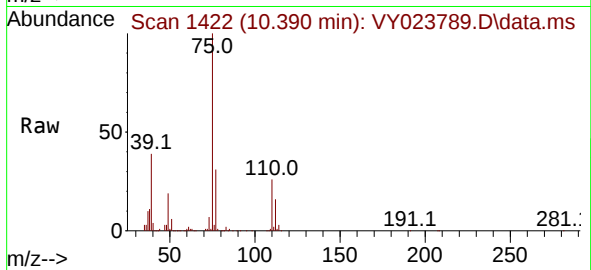
#53
t-1,3-Dichloropropene
Concen: 23.212 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion: 75 Resp: 141709
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

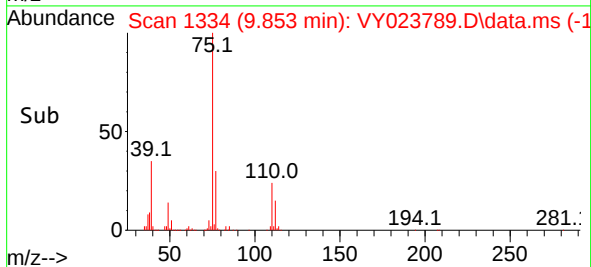
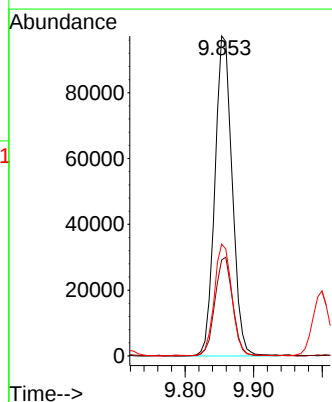
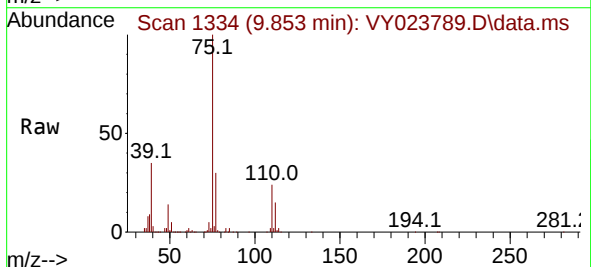
Manual Integrations
APPROVED

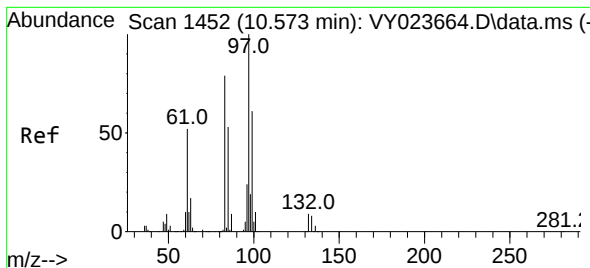
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#54
cis-1,3-Dichloropropene
Concen: 23.375 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

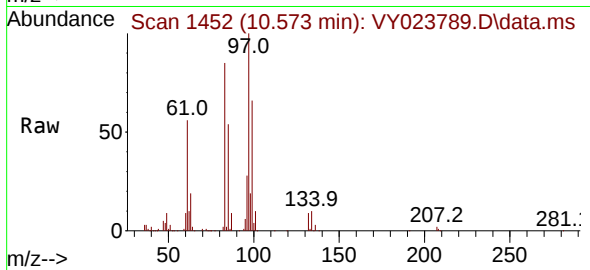
Tgt Ion: 75 Resp: 170972
Ion Ratio Lower Upper
75 100
77 30.0 25.7 38.5
39 34.8 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 22.414 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

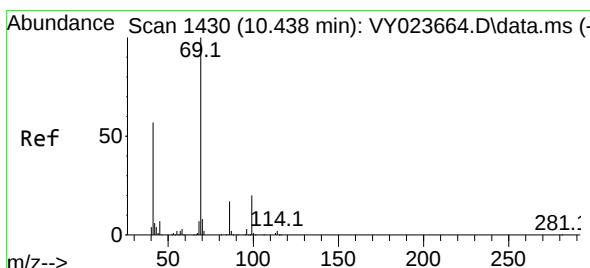
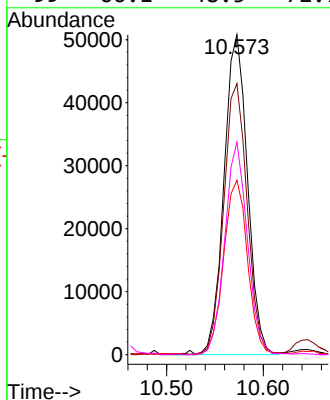
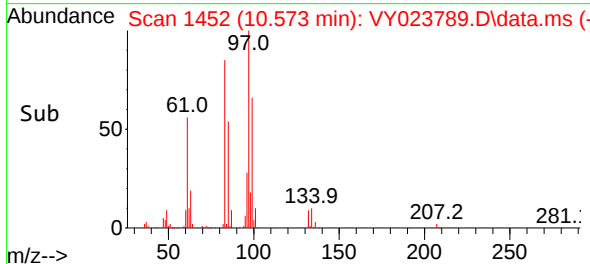
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



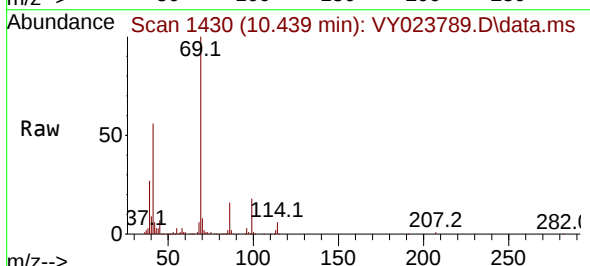
Tgt Ion:	97	Resp:	85719
Ion	Ratio	Lower	Upper
97	100		
83	84.4	63.3	94.9
85	54.2	42.4	63.6
99	66.1	48.5	72.7

Manual Integrations
APPROVED

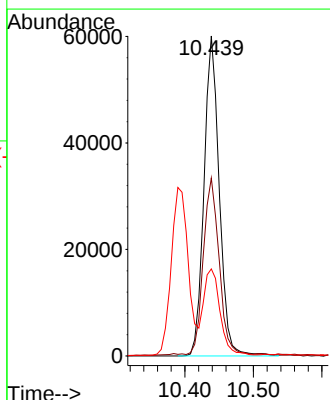
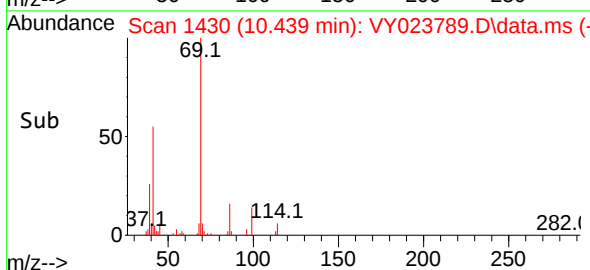
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

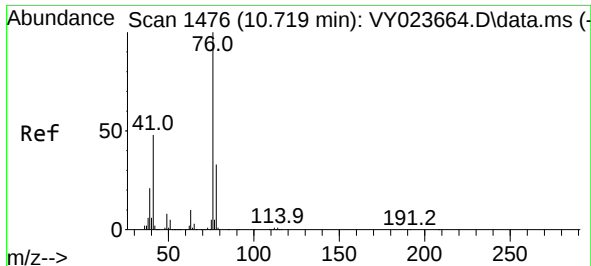


#56
Ethyl methacrylate
Concen: 22.167 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion:	69	Resp:	93402
Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.0	67.4
39	28.2	25.1	37.7





#57

1,3-Dichloropropane

Concen: 20.982 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01

Tgt Ion: 76 Resp: 12727

Ion Ratio Lower Upper

76 100

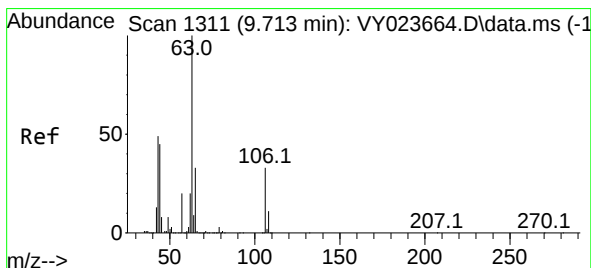
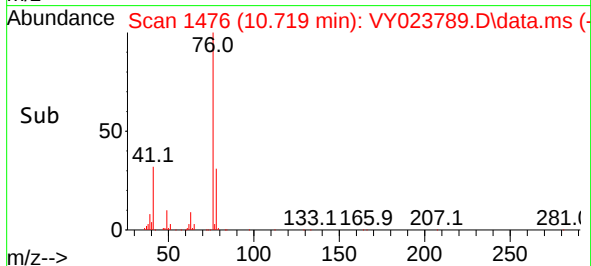
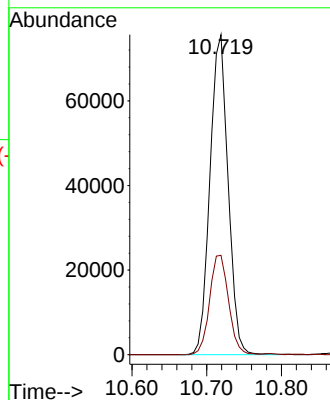
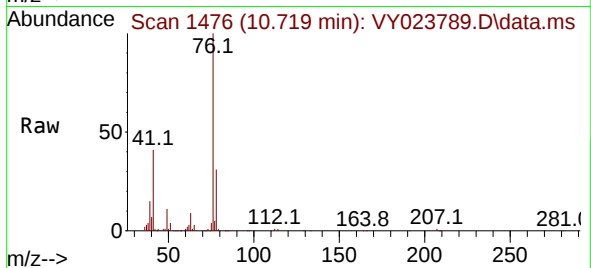
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 111.161 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023789.D

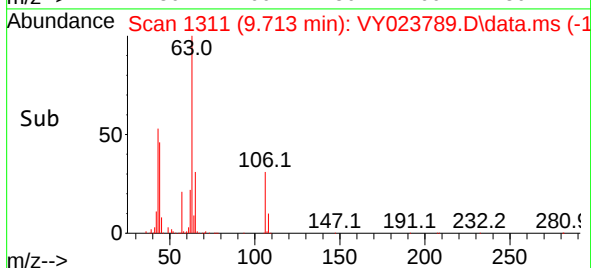
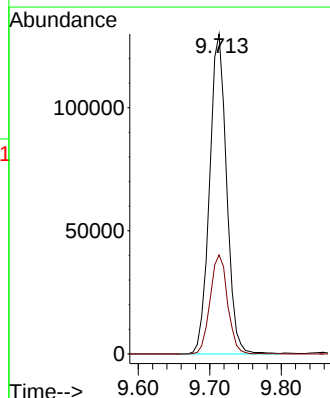
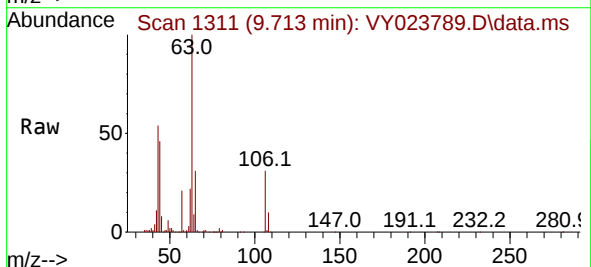
Acq: 24 Nov 2025 14:46

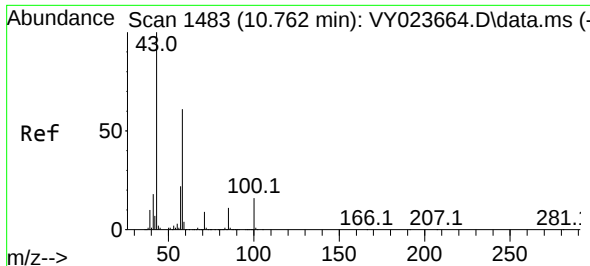
Tgt Ion: 63 Resp: 214933

Ion Ratio Lower Upper

63 100

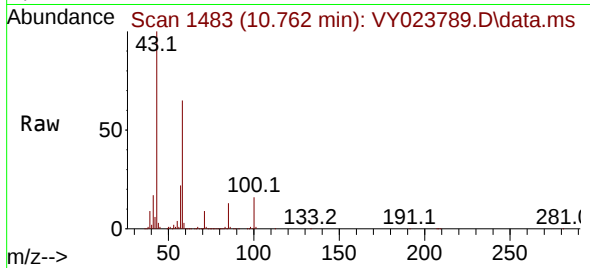
106 31.7 26.2 39.2





#59
2-Hexanone
Concen: 95.112 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

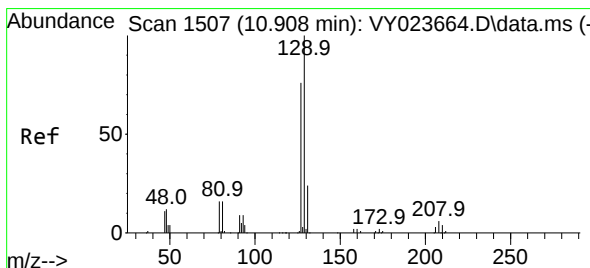
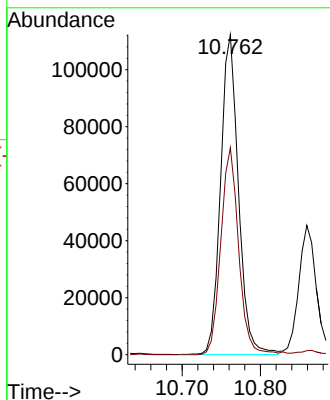
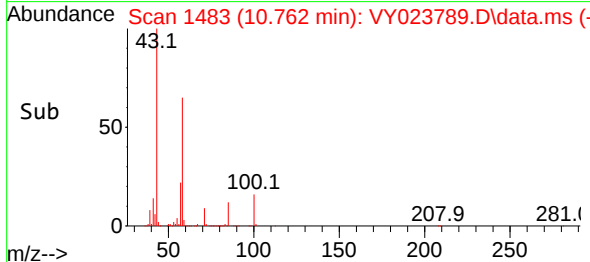
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 43 Resp: 17820
Ion Ratio Lower Upper
43 100
58 64.7 30.2 90.6

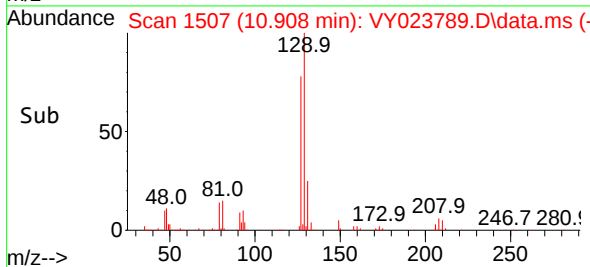
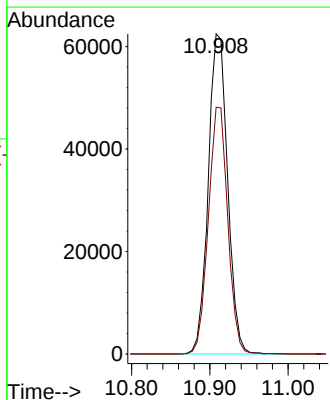
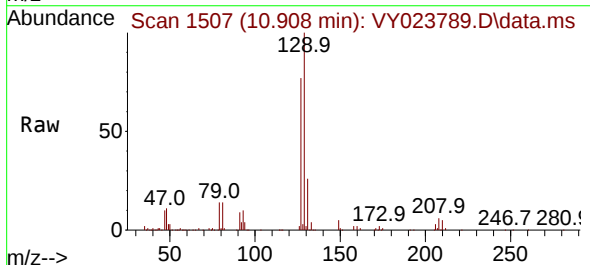
Manual Integrations
APPROVED

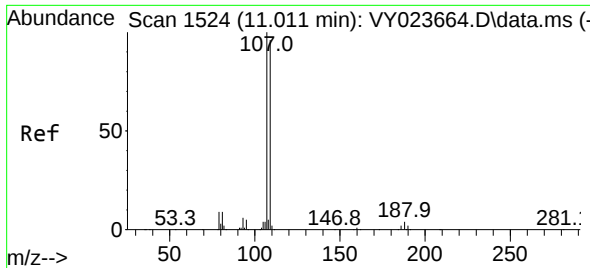
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#60
Dibromochloromethane
Concen: 20.398 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

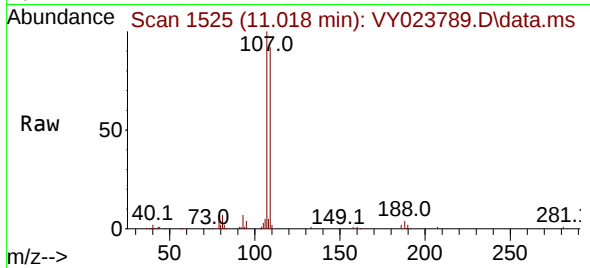
Tgt Ion:129 Resp: 107183
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

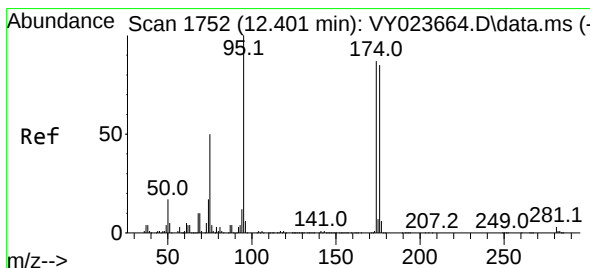
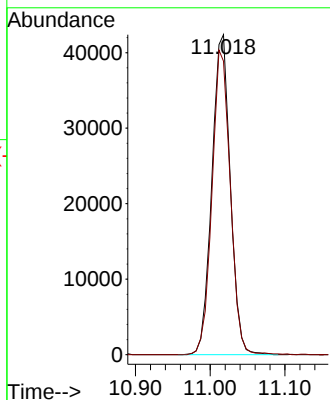
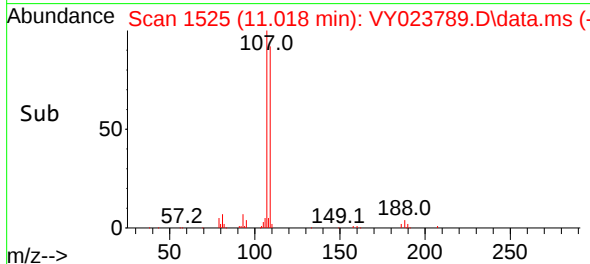
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



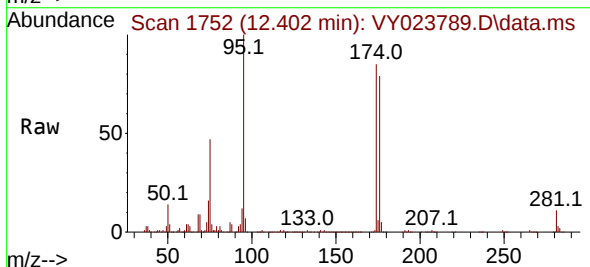
Tgt Ion:107 Resp: 72574
Ion Ratio Lower Upper
107 100
109 94.7 76.2 114.4

Manual Integrations
APPROVED

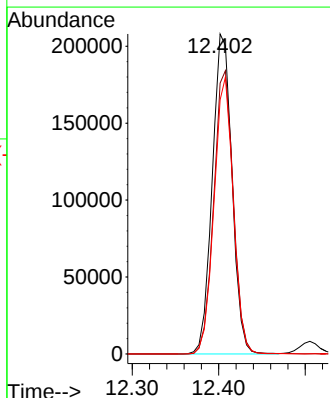
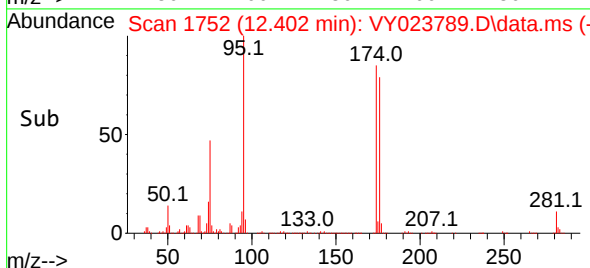
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

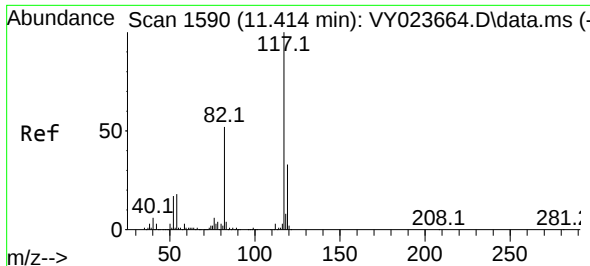


#62
4-Bromofluorobenzene
Concen: 54.889 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



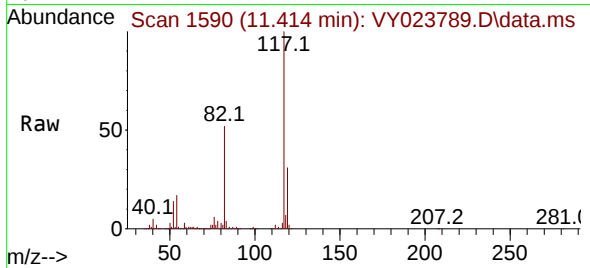
Tgt Ion: 95 Resp: 328522
Ion Ratio Lower Upper
95 100
174 88.0 0.0 184.8
176 84.5 0.0 181.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

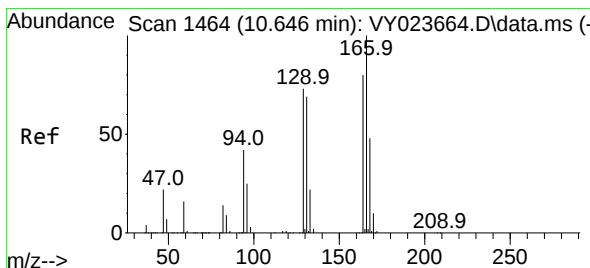
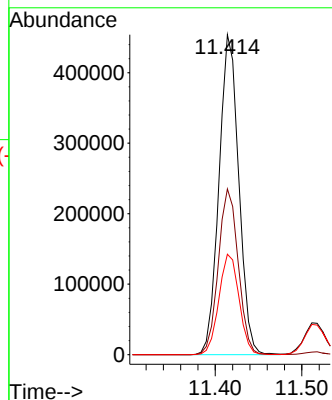
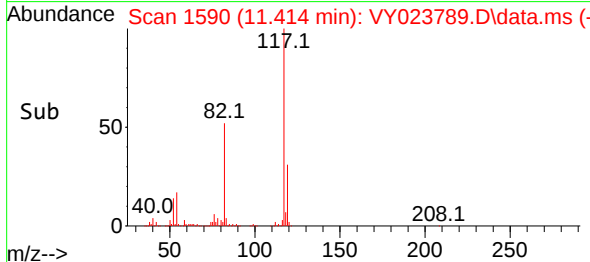
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion:117 Resp: 72095
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 31.4 26.2 39.2

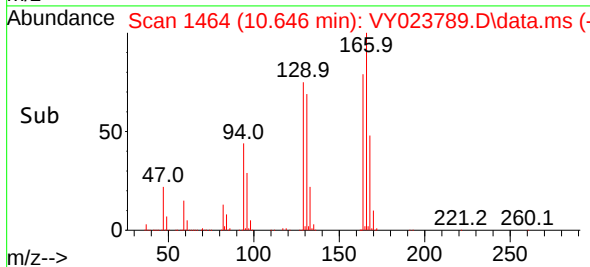
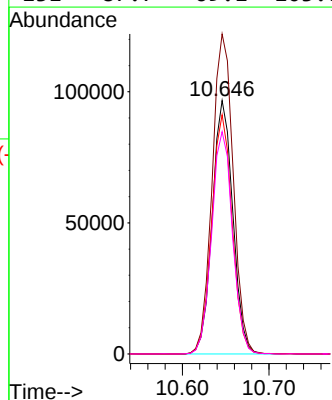
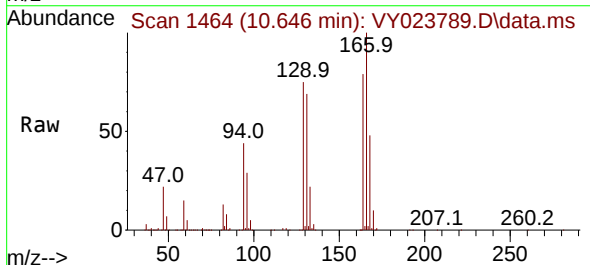
Manual Integrations
APPROVED

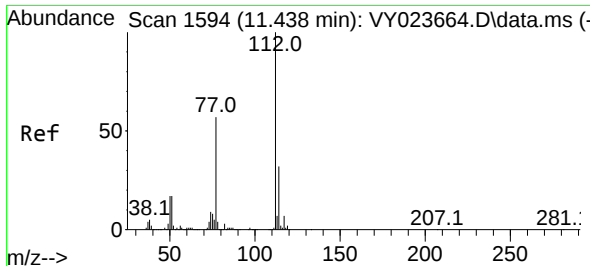
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#64
Tetrachloroethene
Concen: 21.211 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

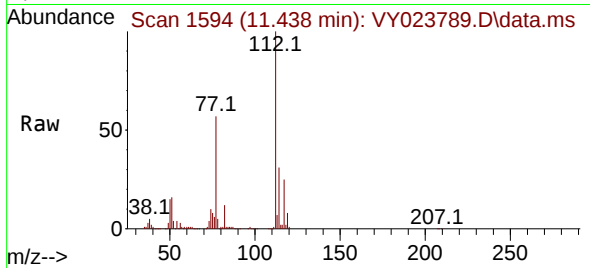
Tgt Ion:164 Resp: 159169
Ion Ratio Lower Upper
164 100
166 126.2 99.5 149.3
129 94.4 72.3 108.5
131 87.7 69.1 103.7





#65
Chlorobenzene
Concen: 20.203 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

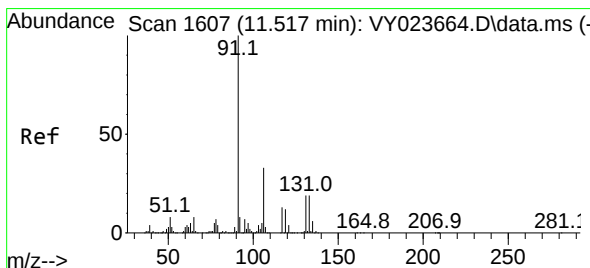
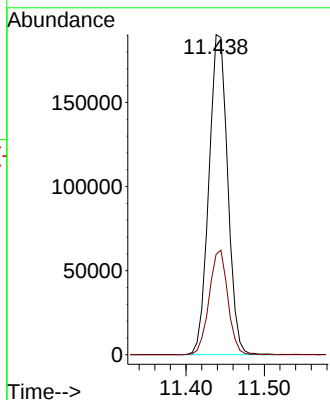
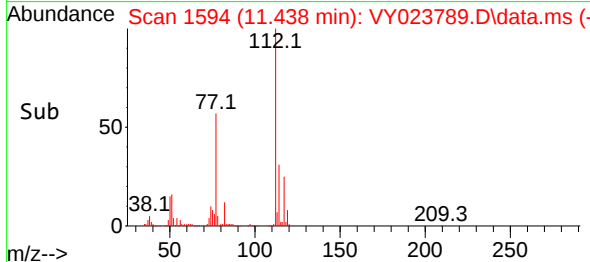
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



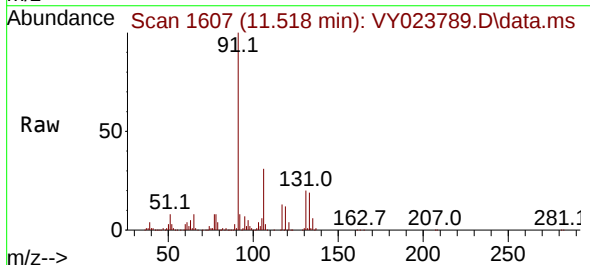
Tgt Ion:112 Resp: 31708
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

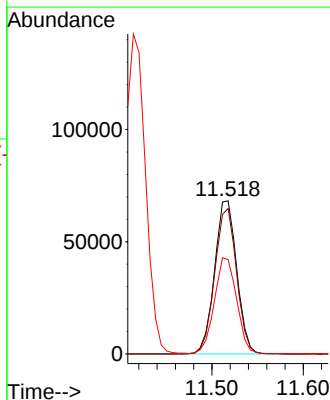
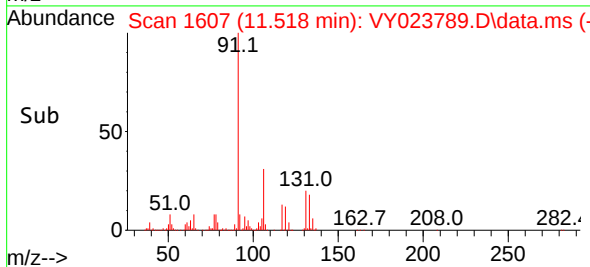
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

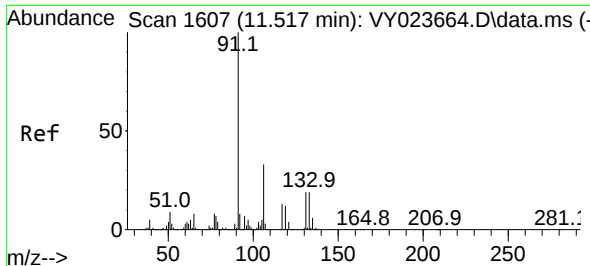


#66
1,1,1,2-Tetrachloroethane
Concen: 20.757 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



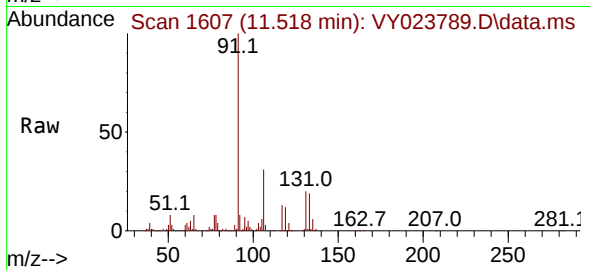
Tgt Ion:131 Resp: 115202
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 63.3 32.5 97.4





#67
Ethyl Benzene
Concen: 21.173 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

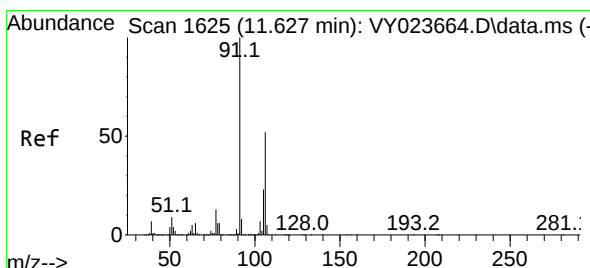
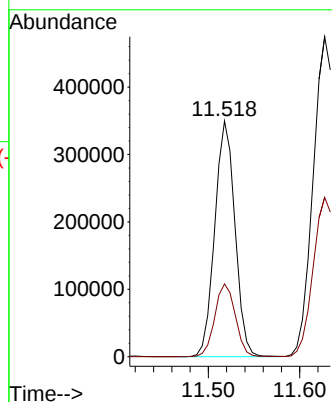
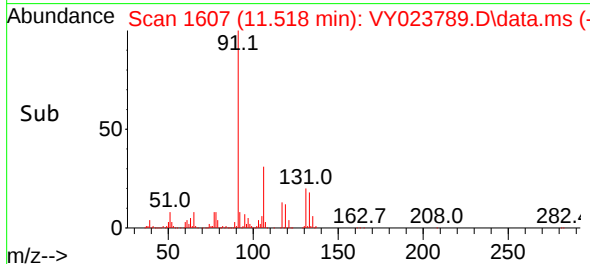
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



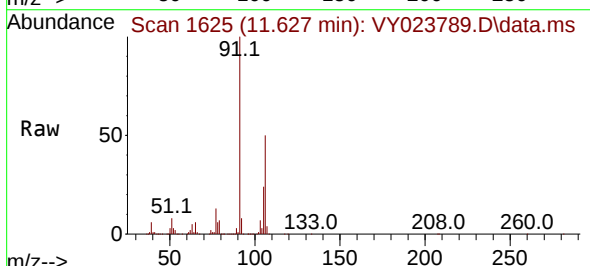
Tgt Ion: 91 Resp: 537840
Ion Ratio Lower Upper
91 100
106 30.9 26.6 40.0

Manual Integrations
APPROVED

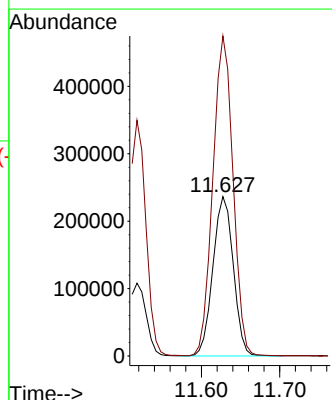
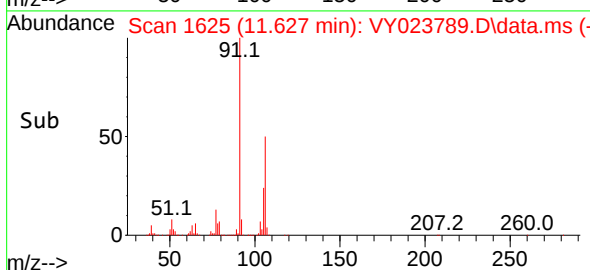
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

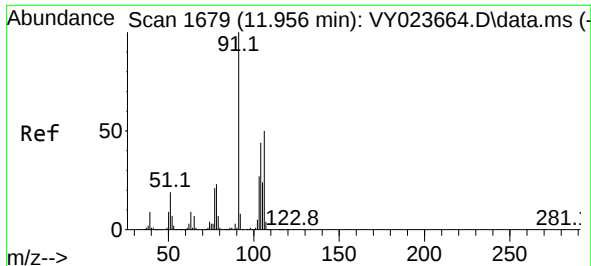


#68
m/p-Xylenes
Concen: 42.053 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



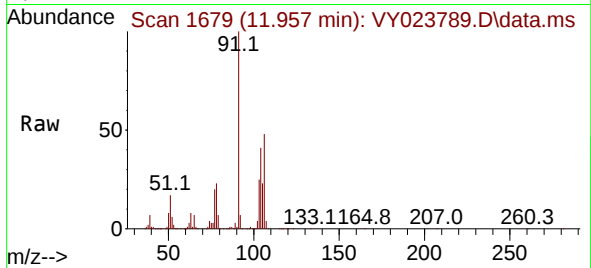
Tgt Ion:106 Resp: 426797
Ion Ratio Lower Upper
106 100
91 198.7 154.3 231.5





#69
o-Xylene
Concen: 20.731 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

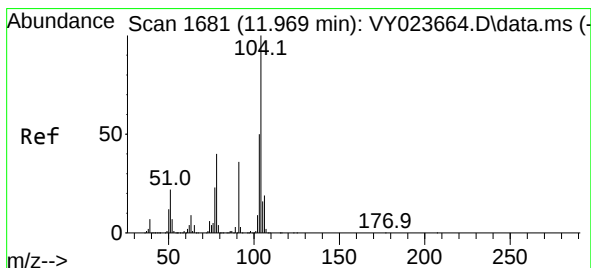
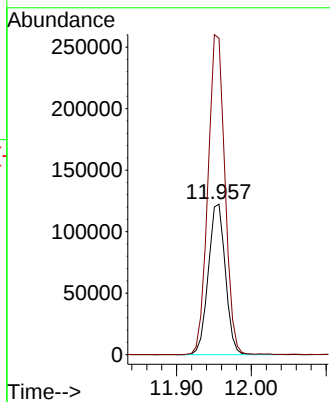
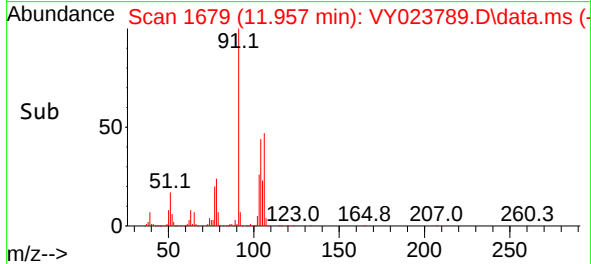
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion:106 Resp: 19448
Ion Ratio Lower Upper
106 100
91 210.5 101.6 304.6

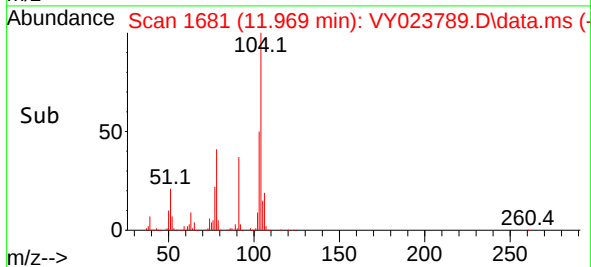
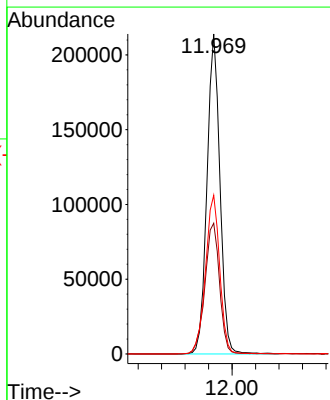
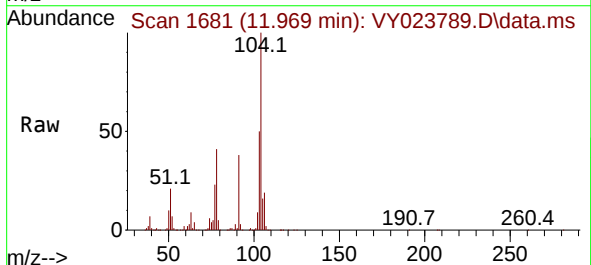
Manual Integrations
APPROVED

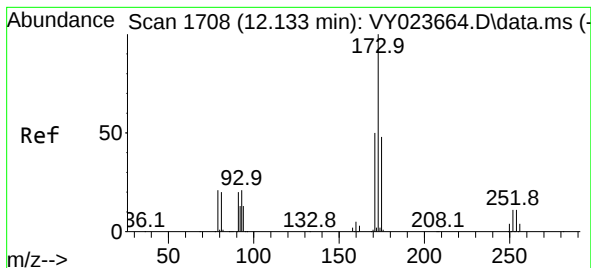
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#70
Styrene
Concen: 21.203 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

Tgt Ion:104 Resp: 328198
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 54.5 43.7 65.5





#71

Bromoform

Concen: 19.465 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

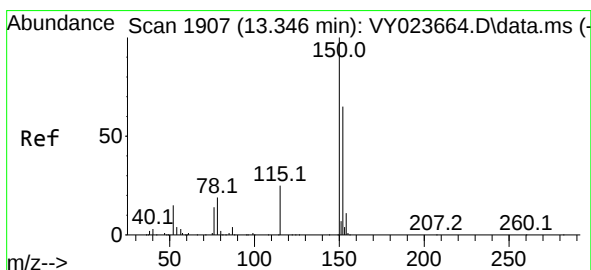
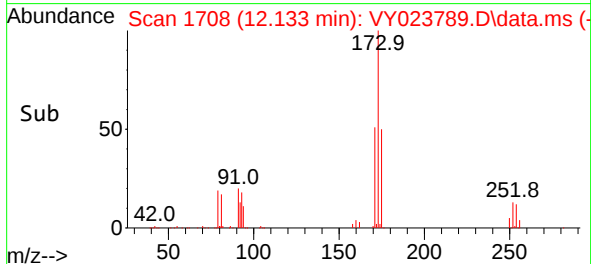
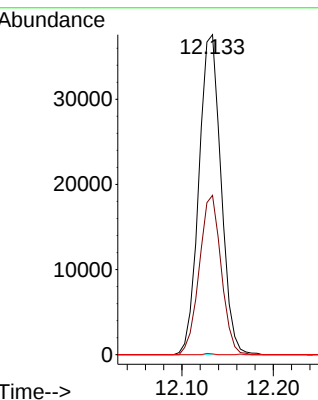
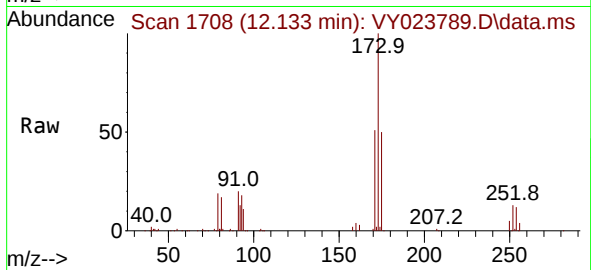
Tgt Ion:173 Resp: 63094
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.2 72.6
 254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

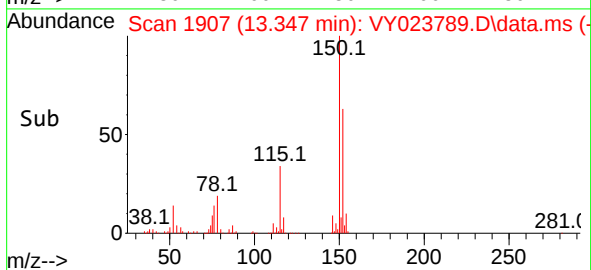
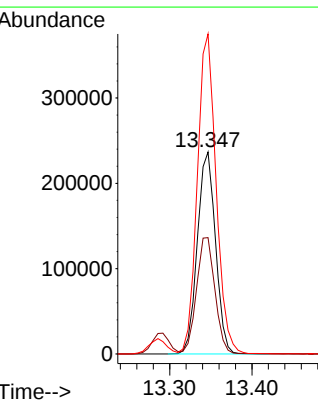
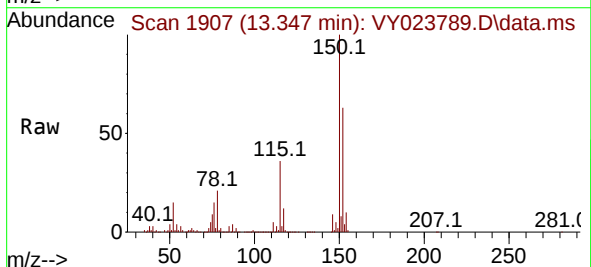
RT: 13.347 min Scan# 1907

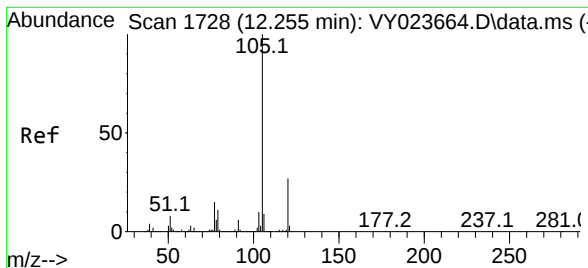
Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

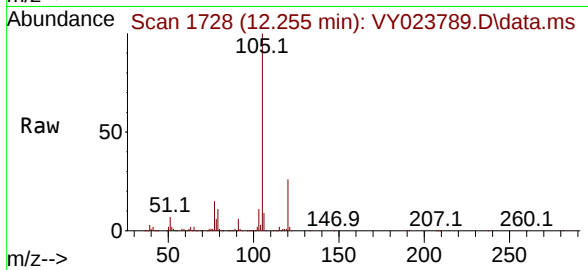
Tgt Ion:152 Resp: 362998
 Ion Ratio Lower Upper
 152 100
 115 58.4 27.5 82.5
 150 163.8 0.0 349.0





#73
Isopropylbenzene
Concen: 21.548 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

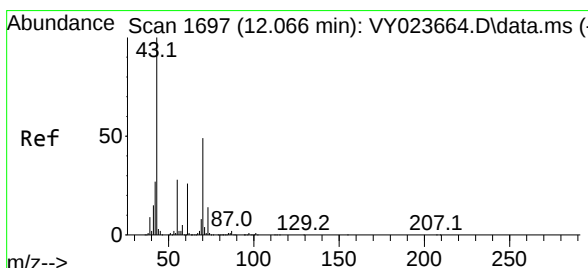
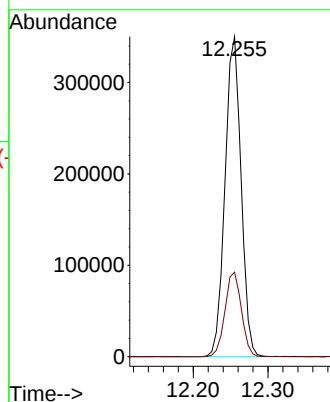
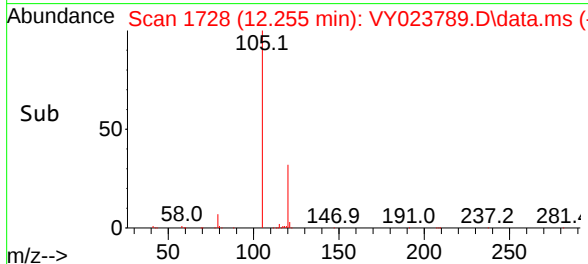
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



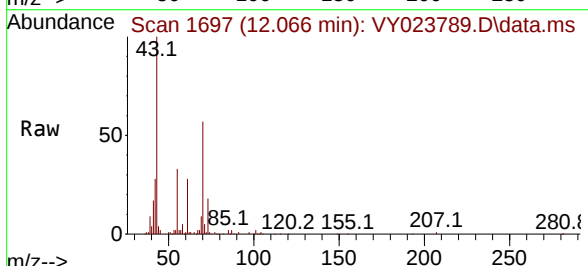
Tgt Ion:105 Resp: 52313
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7

Manual Integrations
APPROVED

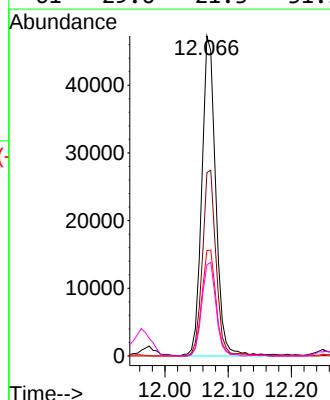
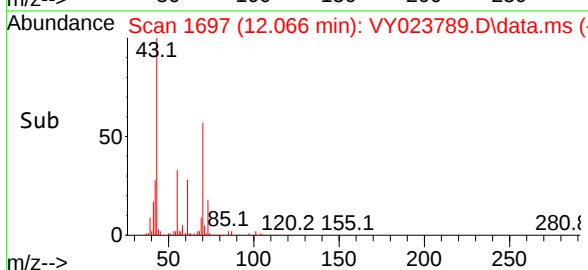
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

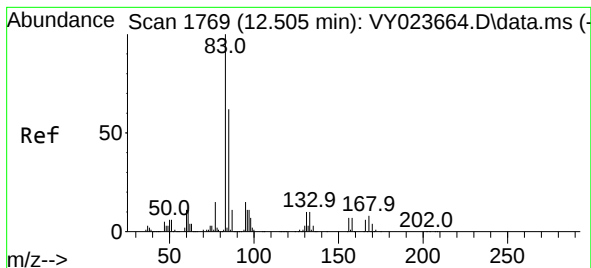


#74
N-ethyl acetate
Concen: 17.699 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion: 43 Resp: 72750
Ion Ratio Lower Upper
43 100
70 56.7 40.1 60.1
55 33.4 23.0 34.6
61 29.6 21.3 31.9





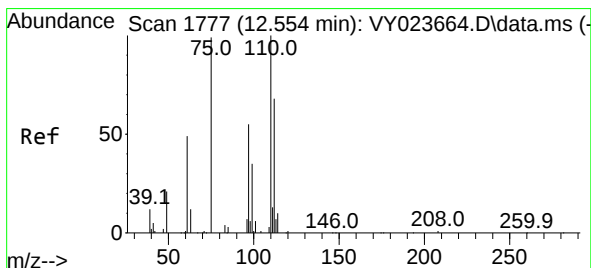
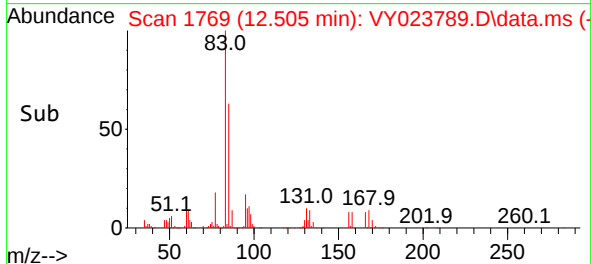
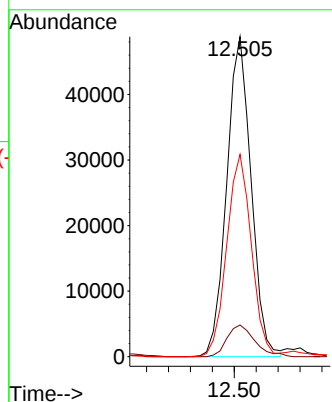
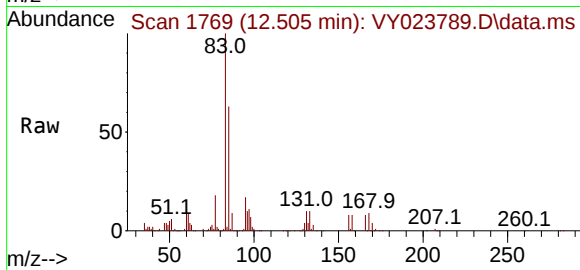
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.470 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023789.D
 Acq: 24 Nov 2025 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBSD01

Tgt Ion: 83 Resp: 7549
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.7 17.0
 85 63.9 31.9 95.7

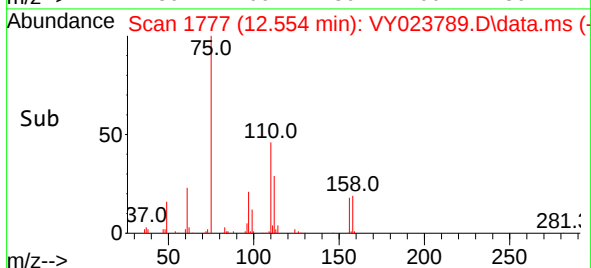
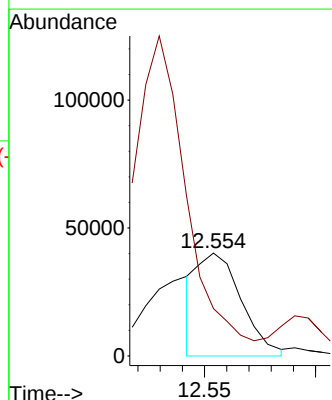
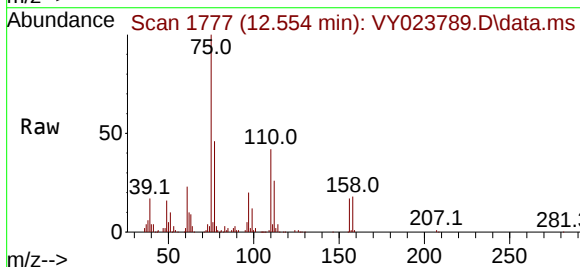
Manual Integrations
 APPROVED

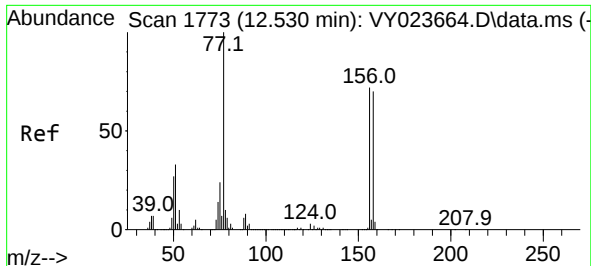
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.078 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023789.D
 Acq: 24 Nov 2025 14:46

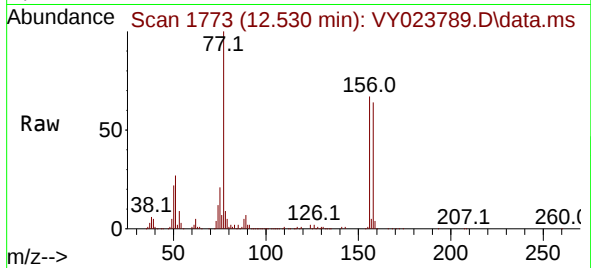
Tgt Ion: 75 Resp: 56046
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.501 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

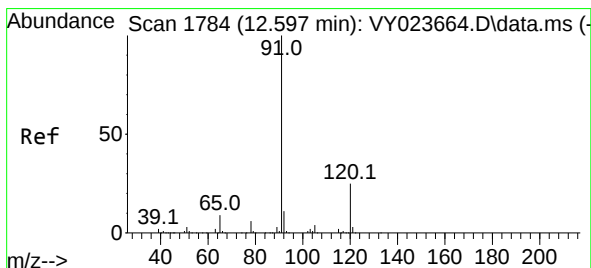
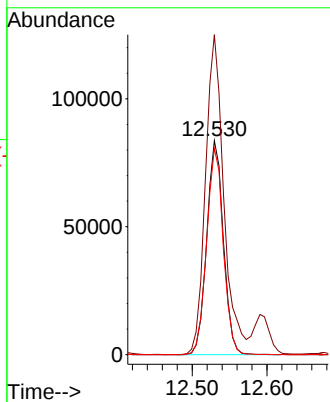
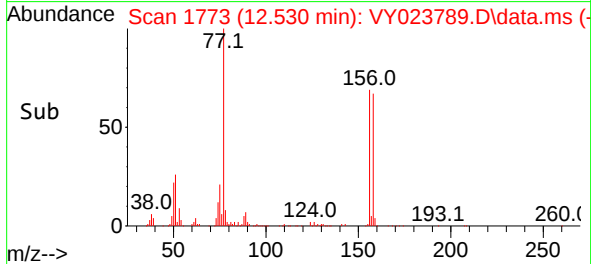
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



Tgt Ion:156 Resp: 12910
Ion Ratio Lower Upper
156 100
77 164.3 77.9 233.7
158 96.8 48.5 145.5

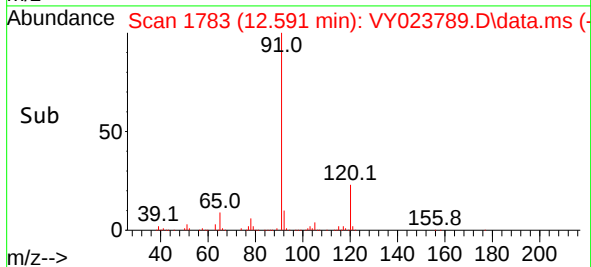
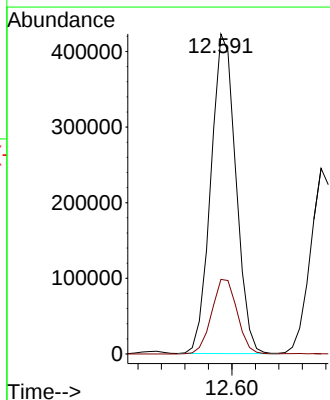
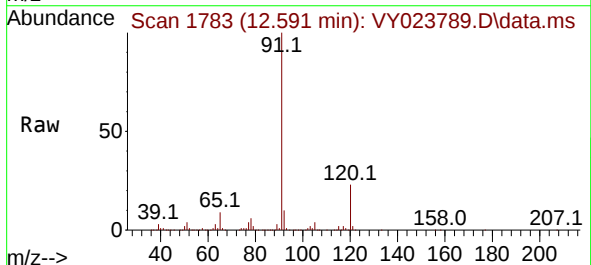
Manual Integrations
APPROVED

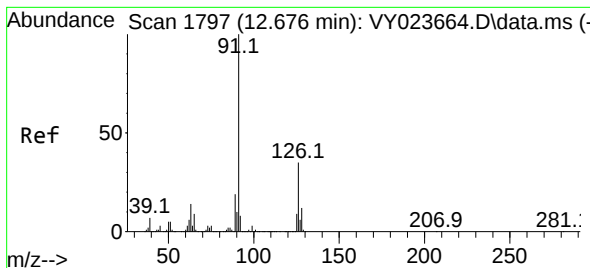
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#78
n-propylbenzene
Concen: 21.865 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

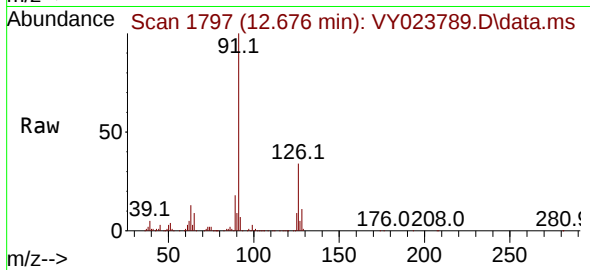
Tgt Ion: 91 Resp: 624404
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





#79
2-Chlorotoluene
Concen: 22.251 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

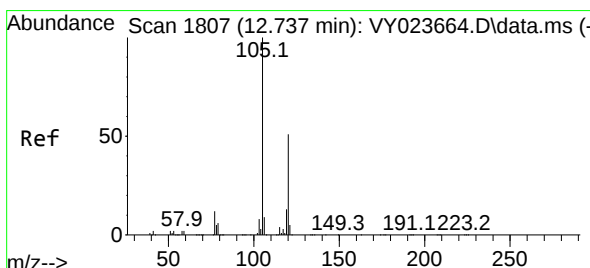
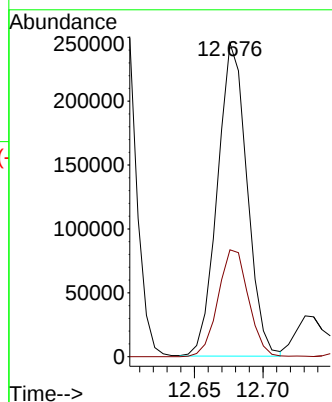
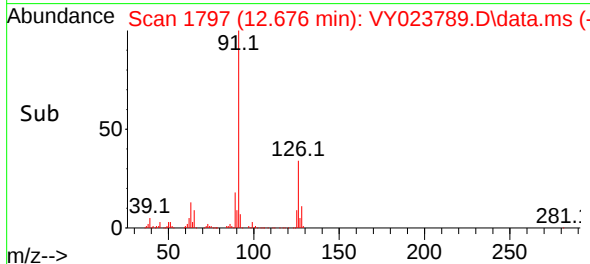
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



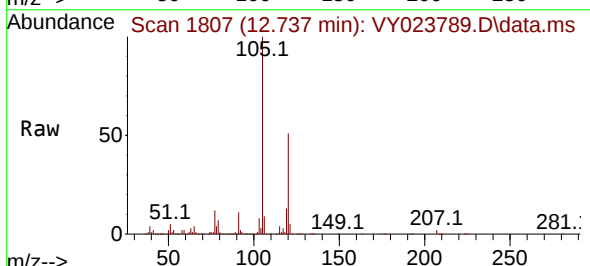
Tgt Ion: 91 Resp: 368728
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0

Manual Integrations
APPROVED

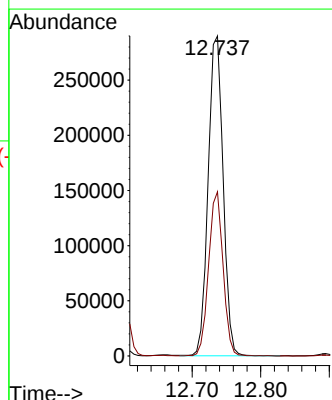
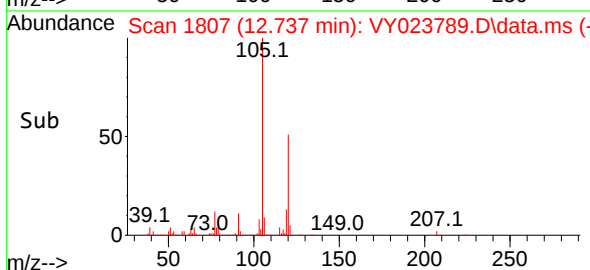
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

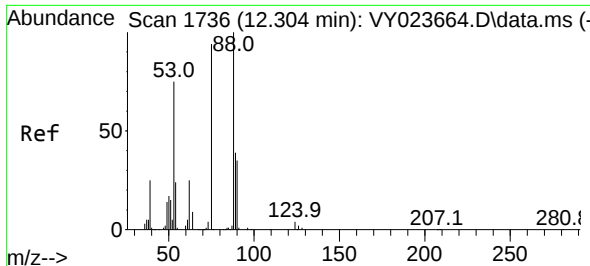


#80
1,3,5-Trimethylbenzene
Concen: 22.318 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



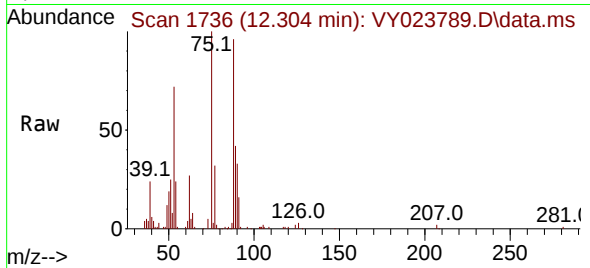
Tgt Ion:105 Resp: 440232
Ion Ratio Lower Upper
105 100
120 49.5 25.4 76.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.935 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

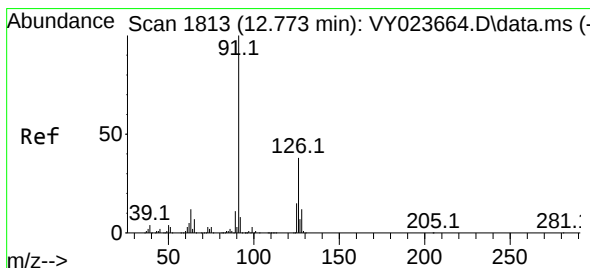
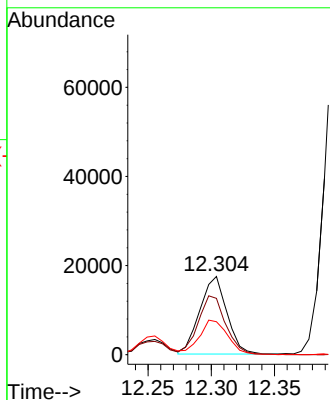
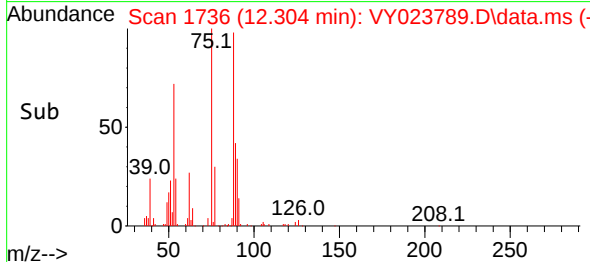
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 75 Resp: 25914
Ion Ratio Lower Upper
75 100
53 77.8 69.6 104.4
89 47.0 38.2 57.4

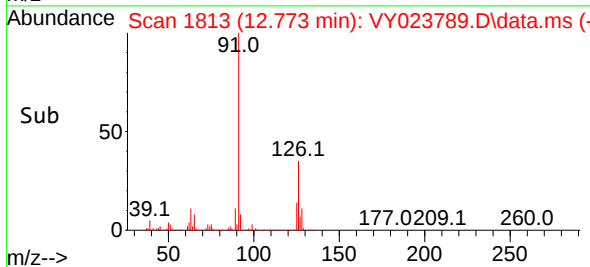
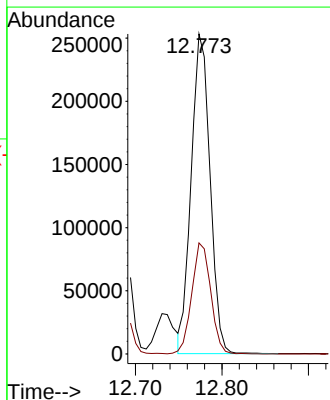
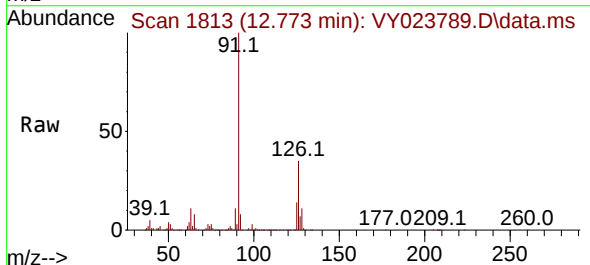
Manual Integrations
APPROVED

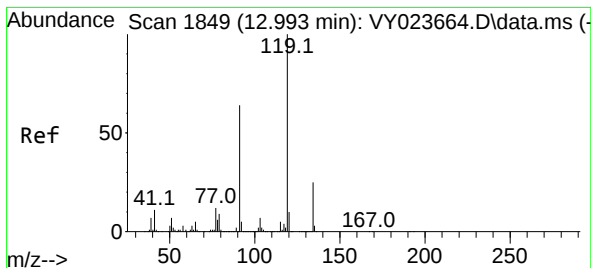
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#82
4-Chlorotoluene
Concen: 22.397 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

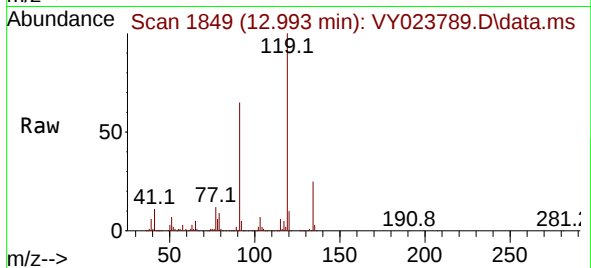
Tgt Ion: 91 Resp: 382767
Ion Ratio Lower Upper
91 100
126 35.0 18.1 54.4





#83
tert-Butylbenzene
Concen: 21.628 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

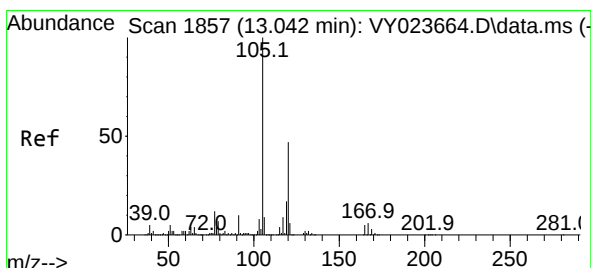
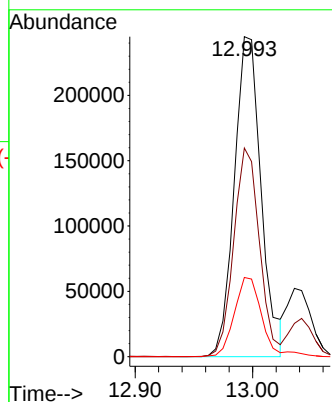
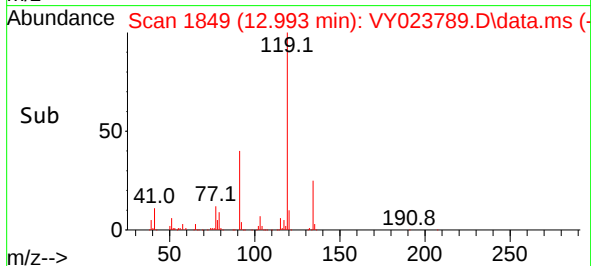
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



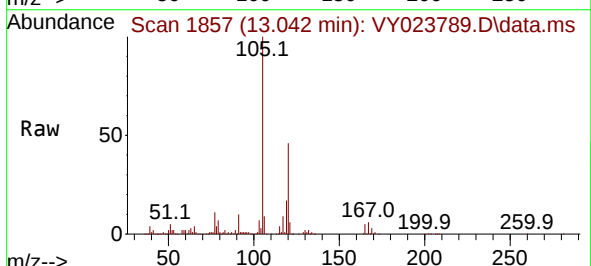
Tgt Ion:119 Resp: 388554
Ion Ratio Lower Upper
119 100
91 62.6 30.7 92.1
134 25.6 13.1 39.1

Manual Integrations
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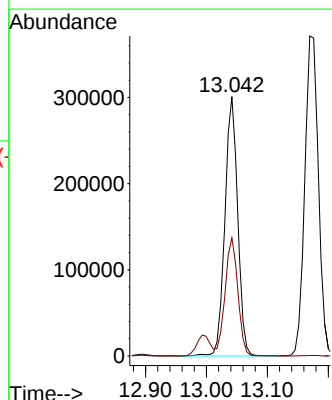
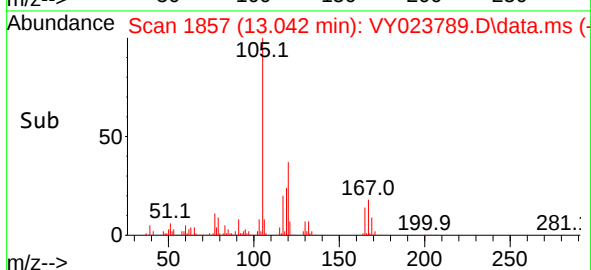
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

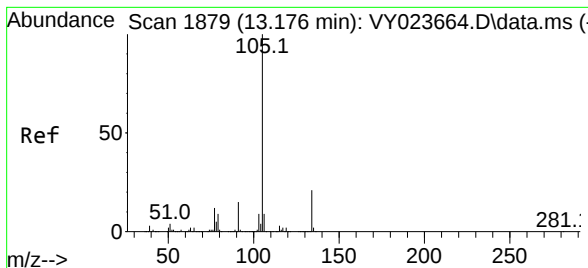


#84
1,2,4-Trimethylbenzene
Concen: 22.450 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



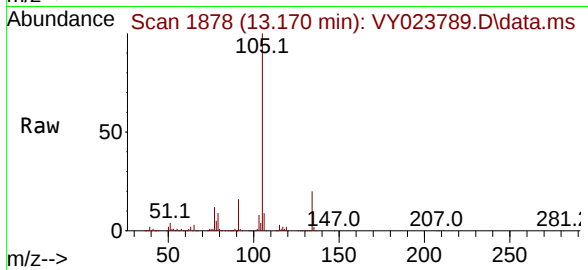
Tgt Ion:105 Resp: 438619
Ion Ratio Lower Upper
105 100
120 45.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 22.171 ug/l
 RT: 13.170 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY023789.D
 Acq: 24 Nov 2025 14:46

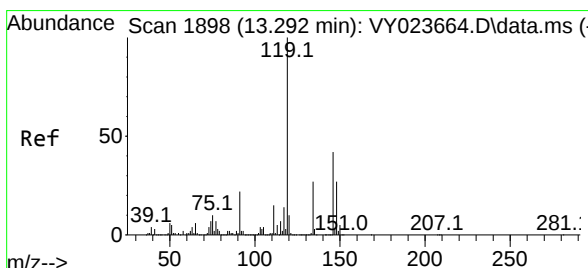
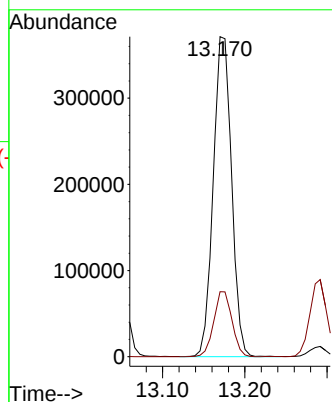
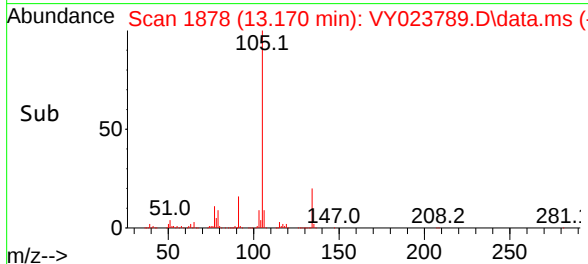
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBSD01



Tgt Ion:105 Resp: 57451
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.4

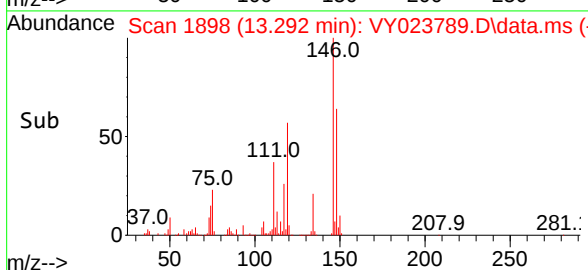
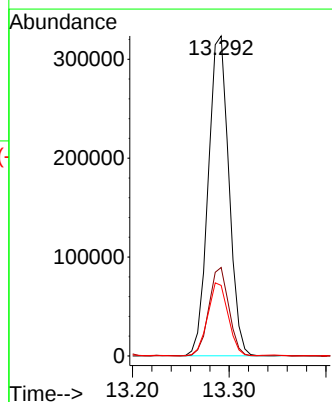
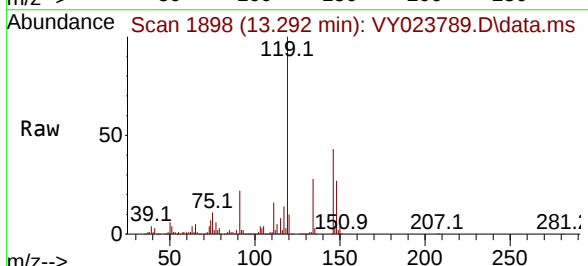
Manual Integrations
 APPROVED

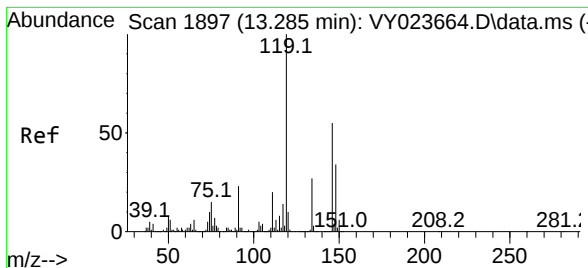
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025



#86
 p-Isopropyltoluene
 Concen: 21.812 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023789.D
 Acq: 24 Nov 2025 14:46

Tgt Ion:119 Resp: 478472
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.7 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.849 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01

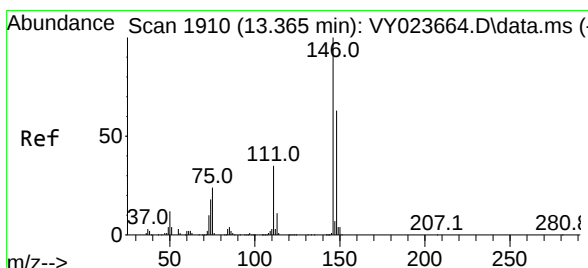
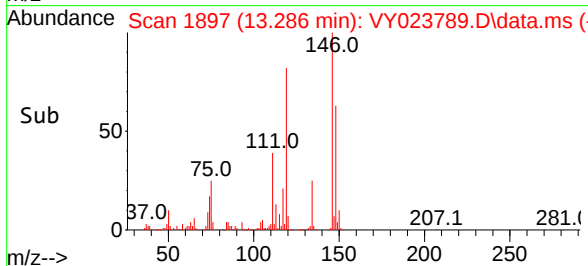
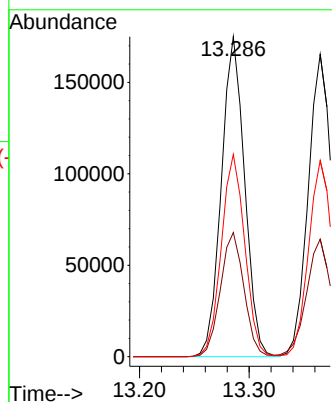
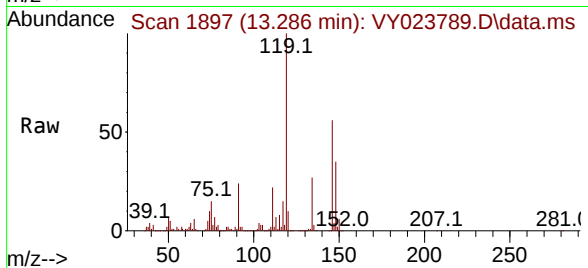
Tgt Ion:	146	Resp:	25842
Ion Ratio	Lower	Upper	
146	100		
111	39.3	18.8	56.3
148	63.8	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#88

1,4-Dichlorobenzene

Concen: 20.711 ug/l

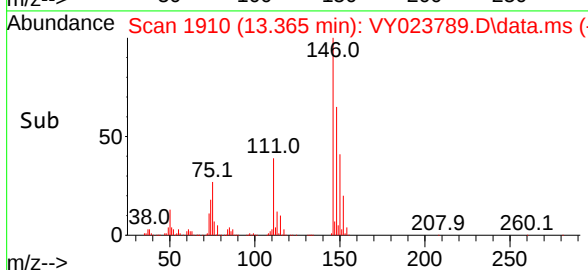
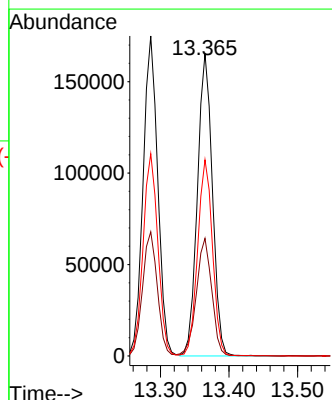
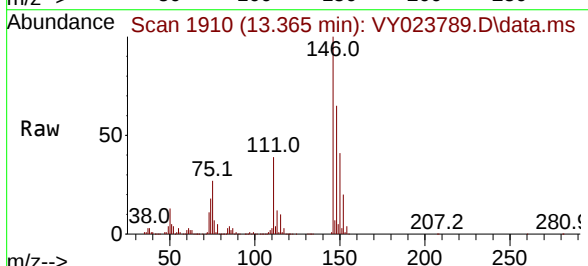
RT: 13.365 min Scan# 1910

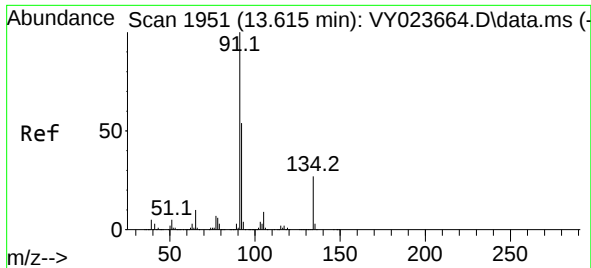
Delta R.T. 0.000 min

Lab File: VY023789.D

Acq: 24 Nov 2025 14:46

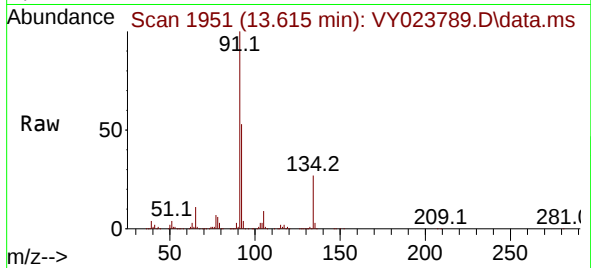
Tgt Ion:	146	Resp:	252170
Ion Ratio	Lower	Upper	
146	100		
111	40.0	18.3	54.8
148	64.2	31.8	95.3





#89
n-Butylbenzene
Concen: 21.828 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

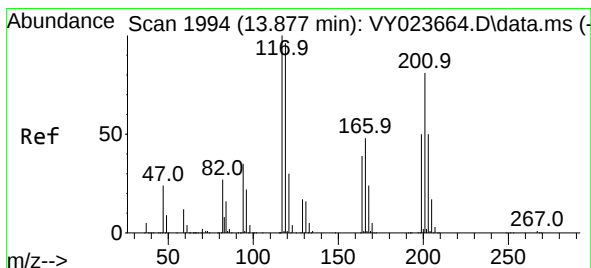
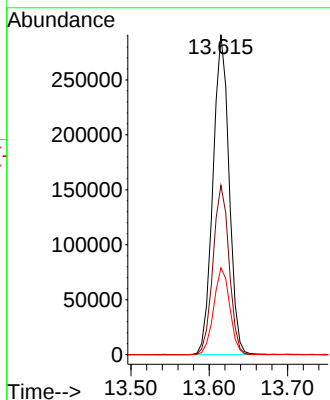
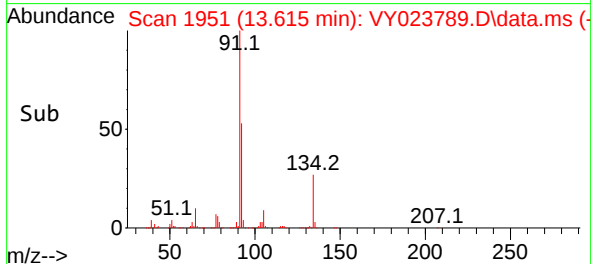
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 91 Resp: 416378
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 27.0 13.7 41.1

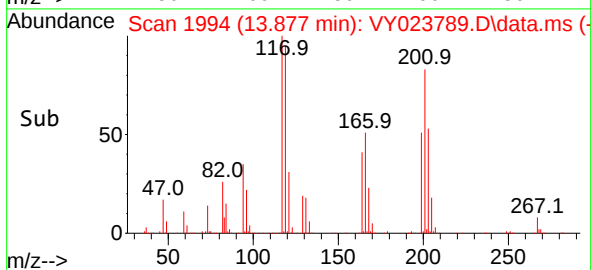
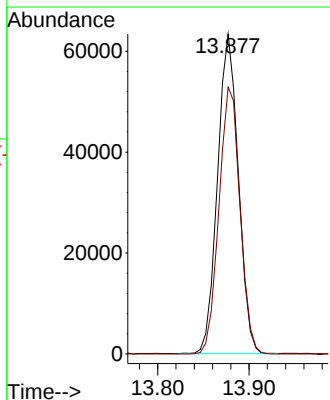
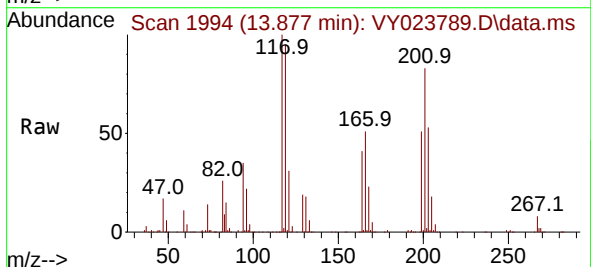
Manual Integrations
APPROVED

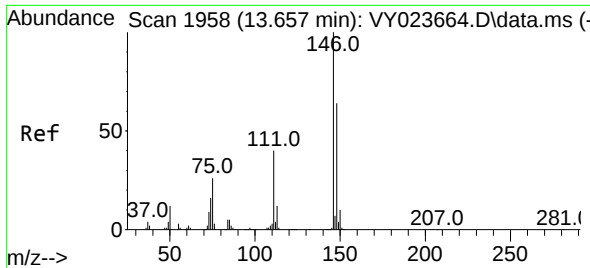
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#90
Hexachloroethane
Concen: 21.294 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

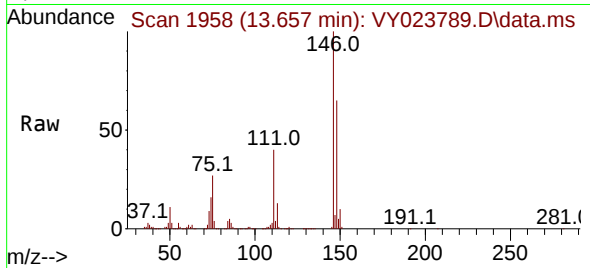
Tgt Ion:117 Resp: 100382
Ion Ratio Lower Upper
117 100
201 84.2 42.3 126.8





#91
1,2-Dichlorobenzene
Concen: 20.952 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

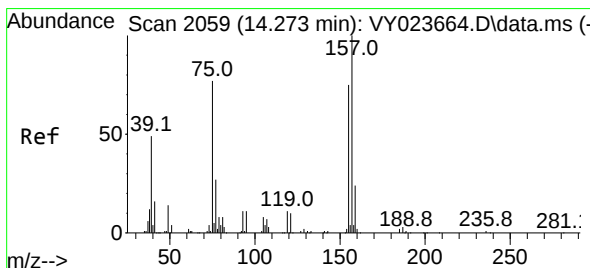
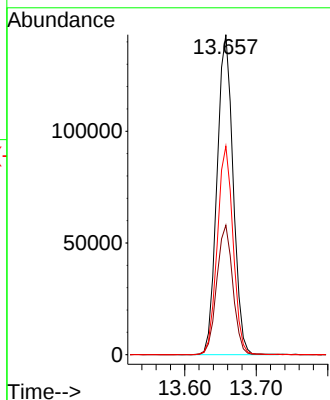
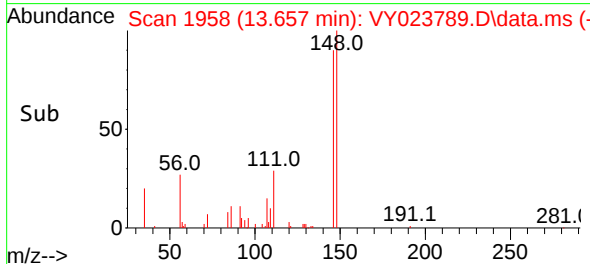
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



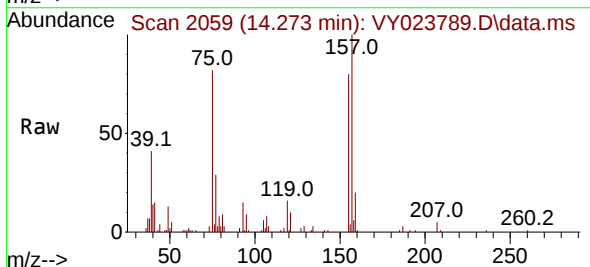
Tgt Ion:146 Resp: 223800
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 63.8 31.9 95.9

Manual Integrations
APPROVED

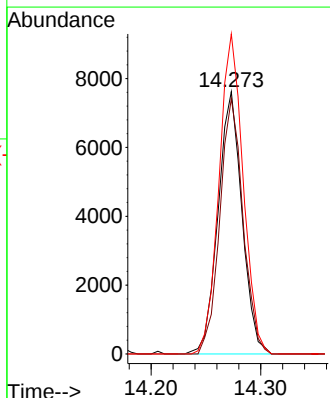
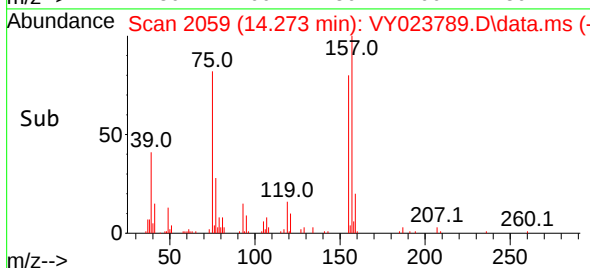
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

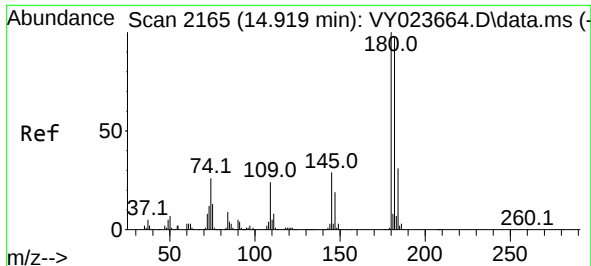


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.314 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



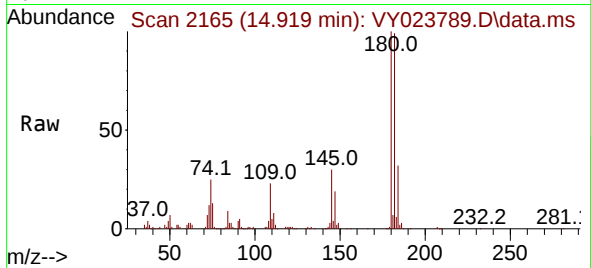
Tgt Ion: 75 Resp: 11531
Ion Ratio Lower Upper
75 100
155 94.4 49.4 148.2
157 123.1 63.2 189.8





#93
1,2,4-Trichlorobenzene
Concen: 20.480 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

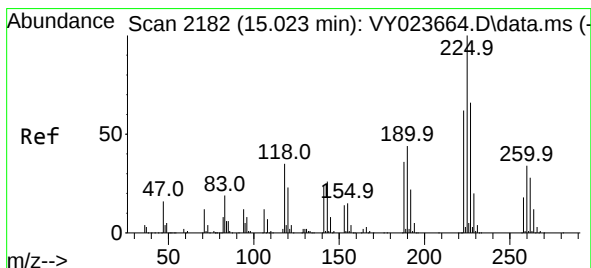
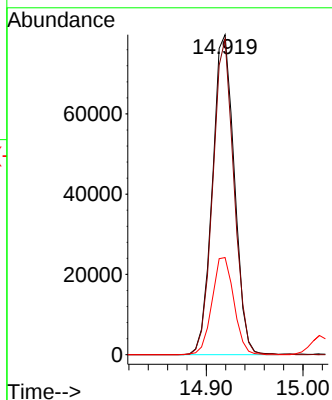
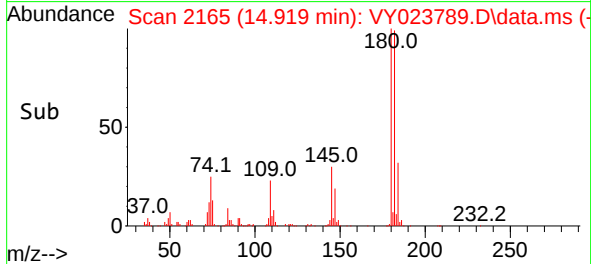
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion:180 Resp: 125129
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 30.4 14.4 43.4

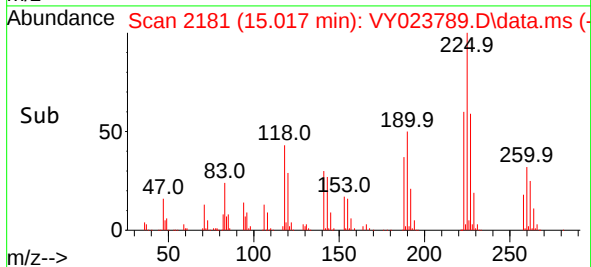
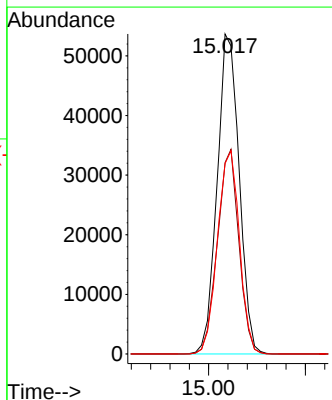
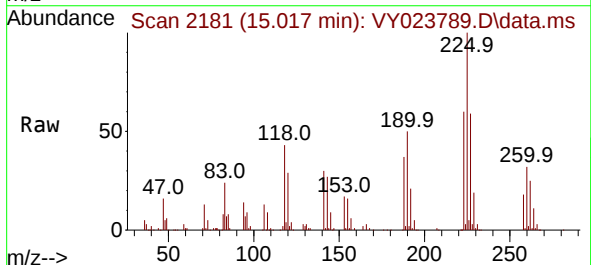
Manual Integrations
APPROVED

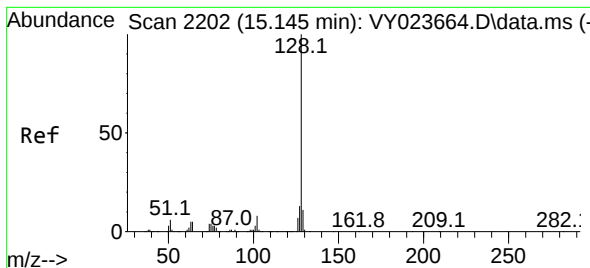
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#94
Hexachlorobutadiene
Concen: 21.155 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

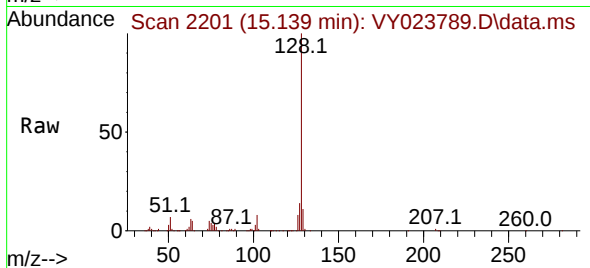
Tgt Ion:225 Resp: 84688
Ion Ratio Lower Upper
225 100
223 62.3 30.8 92.3
227 63.4 32.0 96.2





#95
Naphthalene
Concen: 19.564 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46

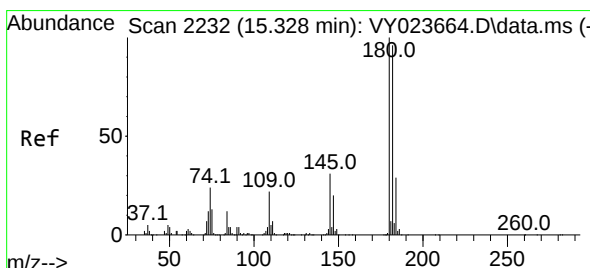
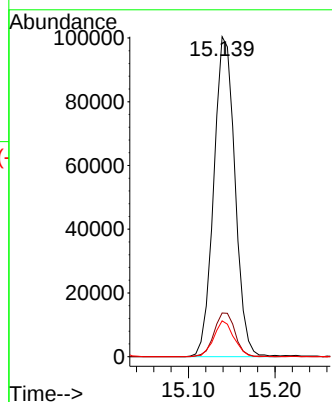
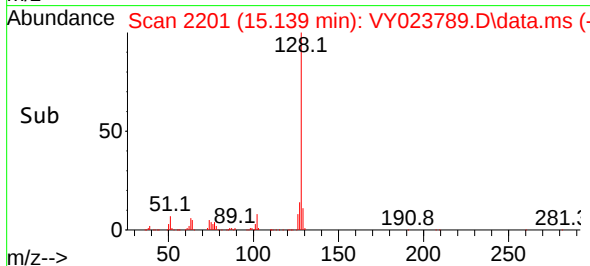
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



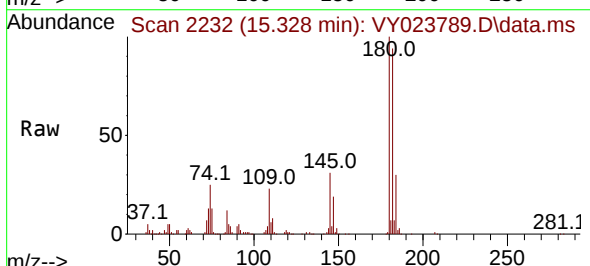
Tgt Ion:128 Resp: 170735
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.147 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023789.D
Acq: 24 Nov 2025 14:46



Tgt Ion:180 Resp: 102845
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.6
145 30.7 15.5 46.5

