

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
 Data File : VY023609.D
 Acq On : 28 Oct 2025 16:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

Quant Time: Oct 29 06:25:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	459575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	669677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	597400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	325334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182460	47.478	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.960%		
35) Dibromofluoromethane	7.634	113	207956	50.538	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.080%		
50) Toluene-d8	10.109	98	770122	50.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.401	95	263642	52.111	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	134983	40.806	ug/l	98
3) Chloromethane	2.074	50	194580	43.179	ug/l	100
4) Vinyl Chloride	2.208	62	266347	45.378	ug/l	99
5) Bromomethane	2.598	94	216554	43.965	ug/l	97
6) Chloroethane	2.739	64	196545	49.125	ug/l	98
7) Trichlorofluoromethane	3.062	101	388666	47.691	ug/l	98
8) Diethyl Ether	3.458	74	104065	48.868	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	215764	51.020	ug/l	100
10) Methyl Iodide	4.007	142	260483	55.328	ug/l	100
11) Tert butyl alcohol	4.854	59	54582	190.913	ug/l	97
12) 1,1-Dichloroethene	3.793	96	202288	49.344	ug/l	95
13) Acrolein	3.653	56	20222	50.057	ug/l	99
14) Allyl chloride	4.391	41	257064	51.452	ug/l	99
15) Acrylonitrile	5.061	53	205258	251.863	ug/l	99
16) Acetone	3.873	43	197358	215.714	ug/l	96
17) Carbon Disulfide	4.110	76	536495	45.724	ug/l	98
18) Methyl Acetate	4.391	43	135129	56.304	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	496579	50.399	ug/l	99
20) Methylene Chloride	4.622	84	232265	46.948	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	232009	51.404	ug/l	98
22) Diisopropyl ether	6.025	45	597087	54.028	ug/l	99
23) Vinyl Acetate	5.964	43	1475540	246.670	ug/l	100
24) 1,1-Dichloroethane	5.921	63	391189	53.437	ug/l	97
25) 2-Butanone	6.896	43	249850	223.689	ug/l	98
26) 2,2-Dichloropropane	6.890	77	349327	52.005	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	279805	53.669	ug/l	98
28) Bromochloromethane	7.250	49	126499	46.288	ug/l	98
29) Tetrahydrofuran	7.262	42	151728	239.549	ug/l	100
30) Chloroform	7.427	83	436846	54.314	ug/l	100
31) Cyclohexane	7.707	56	307525	48.104	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	383883	52.520	ug/l	99
36) 1,1-Dichloropropene	7.841	75	290011	53.236	ug/l	99
37) Ethyl Acetate	6.988	43	107007	49.582	ug/l	98
38) Carbon Tetrachloride	7.817	117	349036	52.840	ug/l	98
39) Methylcyclohexane	9.109	83	365885	51.584	ug/l	98
40) Benzene	8.085	78	928787	53.836	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	60575	51.896	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	230673	51.844	ug/l	100
43) Isopropyl Acetate	8.201	43	212438	49.364	ug/l	99
44) Trichloroethene	8.866	130	268096	53.093	ug/l	100
45) 1,2-Dichloropropane	9.140	63	208574	54.735	ug/l	99
46) Dibromomethane	9.231	93	127525	52.925	ug/l	98
47) Bromodichloromethane	9.426	83	330048	54.386	ug/l	100
48) Methyl methacrylate	9.225	41	100090	49.507	ug/l	98
49) 1,4-Dioxane	9.225	88	26608	952.429	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	572691	257.566	ug/l	98
52) Toluene	10.170	92	614897	54.894	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	278475	52.774	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	331292	53.196	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	172316	53.180	ug/l	94
56) Ethyl methacrylate	10.438	69	199300	53.322	ug/l	98
57) 1,3-Dichloropropane	10.719	76	275080	53.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	464756	277.570	ug/l	99
59) 2-Hexanone	10.762	43	389535	245.146	ug/l	100
60) Dibromochloromethane	10.914	129	240990	53.048	ug/l	99
61) 1,2-Dibromoethane	11.011	107	163761	52.993	ug/l	99
64) Tetrachloroethene	10.646	164	327321	53.064	ug/l	96
65) Chlorobenzene	11.438	112	684388	52.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	246608	53.261	ug/l	99
67) Ethyl Benzene	11.517	91	1158480	55.082	ug/l	100
68) m/p-Xylenes	11.627	106	923215	109.439	ug/l	98
69) o-Xylene	11.956	106	432559	54.667	ug/l	99
70) Styrene	11.969	104	723042	55.568	ug/l	100
71) Bromoform	12.133	173	147021	51.190	ug/l #	97
73) Isopropylbenzene	12.255	105	1132822	52.837	ug/l	99
74) N-amyl acetate	12.066	43	178651	46.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	168176	47.959	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	124901m	43.515	ug/l	
77) Bromobenzene	12.529	156	284122	49.848	ug/l	98
78) n-propylbenzene	12.590	91	1334362	53.782	ug/l	99
79) 2-Chlorotoluene	12.676	91	759763	52.293	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	924627	53.369	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	54031	46.160	ug/l	98
82) 4-Chlorotoluene	12.773	91	784620	52.437	ug/l	99
83) tert-Butylbenzene	12.993	119	858087	53.643	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	921863	53.317	ug/l	100
85) sec-Butylbenzene	13.170	105	1230726	53.634	ug/l	99
86) p-Isopropyltoluene	13.292	119	1044600	53.467	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	557198	50.201	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	541441	49.392	ug/l	99
89) n-Butylbenzene	13.615	91	913478	53.660	ug/l	98
90) Hexachloroethane	13.877	117	215224	51.218	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	488331	50.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26649	46.316	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	291832	48.105	ug/l	98
94) Hexachlorobutadiene	15.023	225	183013	48.395	ug/l	98
95) Naphthalene	15.139	128	445786	46.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	251620	47.885	ug/l	99

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

Manual Integrations

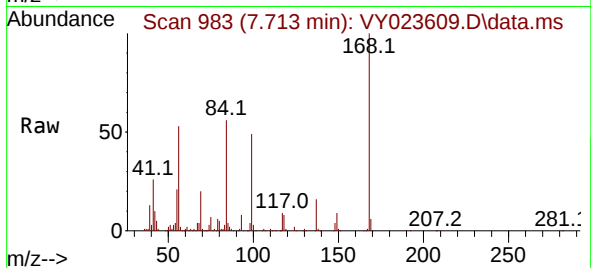
Quant Time: Oct 29 06:25:55 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023609.D
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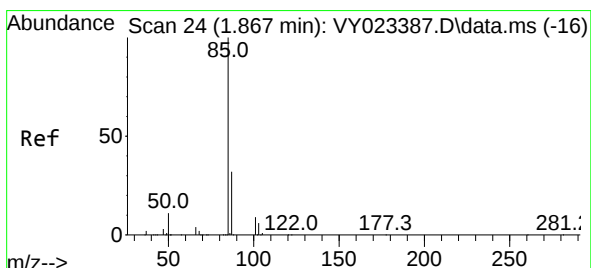
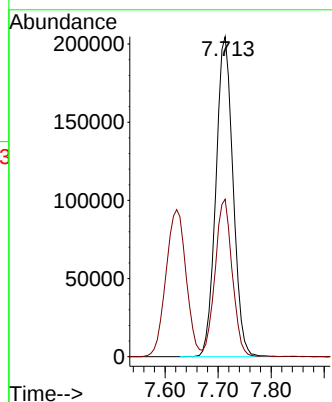
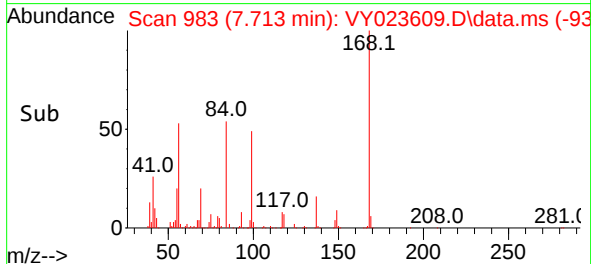
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 45957
Ion Ratio Lower Upper
168 100
99 49.2 39.7 59.5

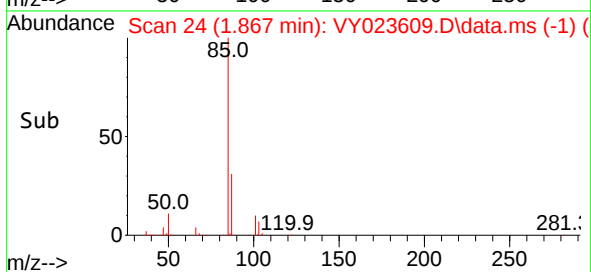
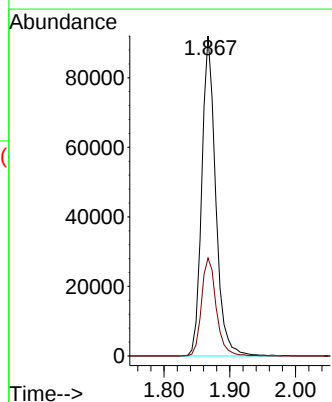
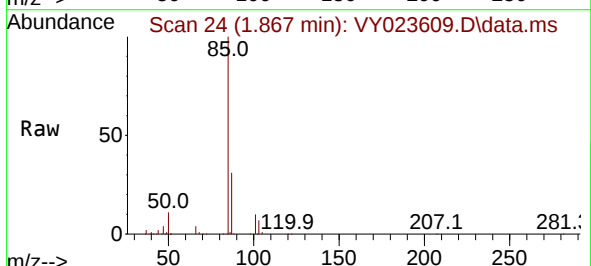
Manual Integrations
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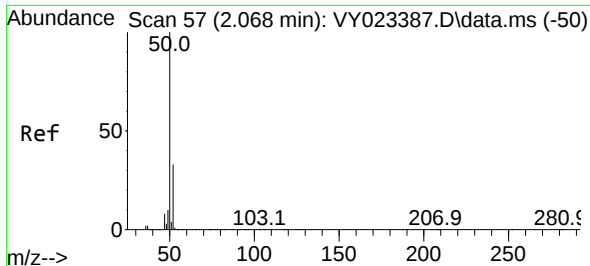
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#2
Dichlorodifluoromethane
Concen: 40.806 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

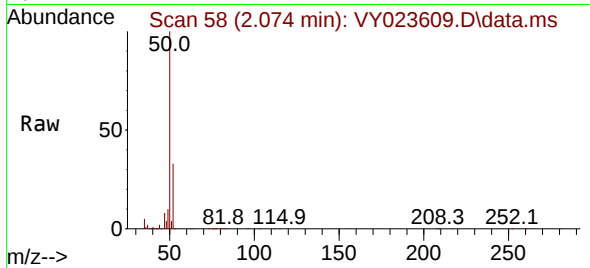
Tgt Ion: 85 Resp: 134983
Ion Ratio Lower Upper
85 100
87 30.6 16.0 47.9





#3
Chloromethane
Concen: 43.179 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

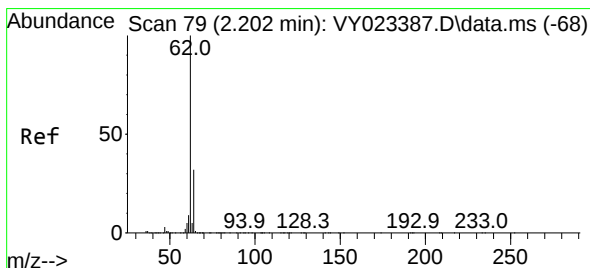
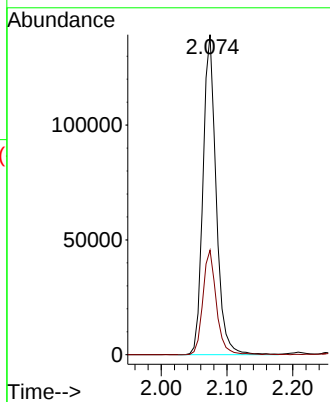
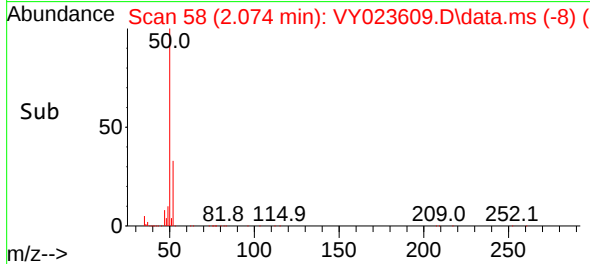
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 194580
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

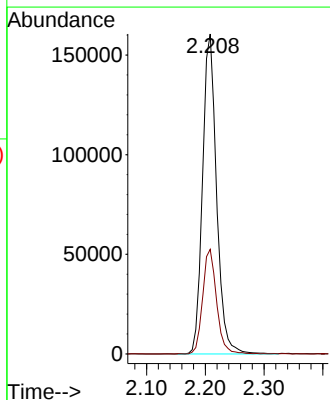
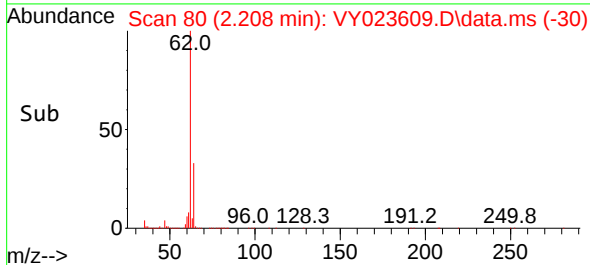
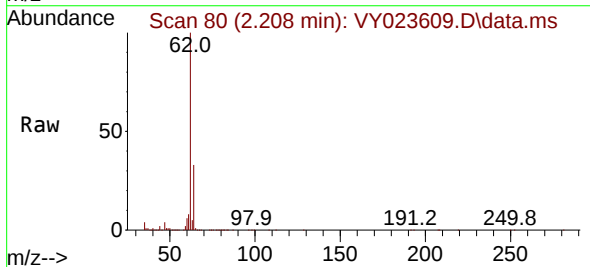
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#4
Vinyl Chloride
Concen: 45.378 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

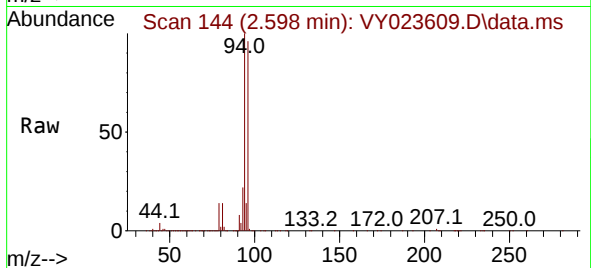
Tgt Ion: 62 Resp: 266347
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





#5
Bromomethane
Concen: 43.965 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

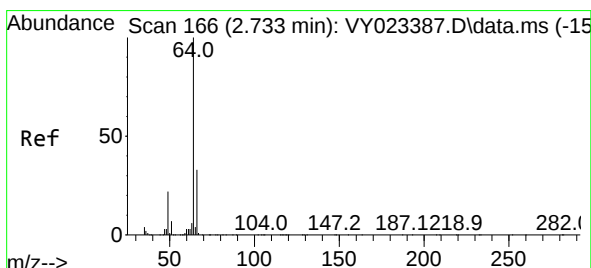
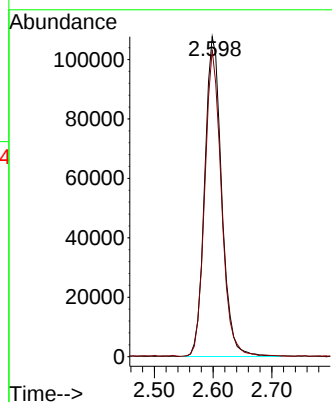
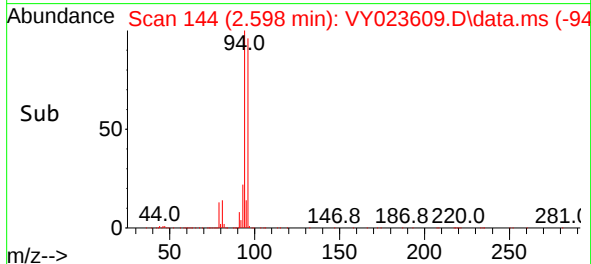
Instrument :
MSVOA_Y
ClientSampleId :
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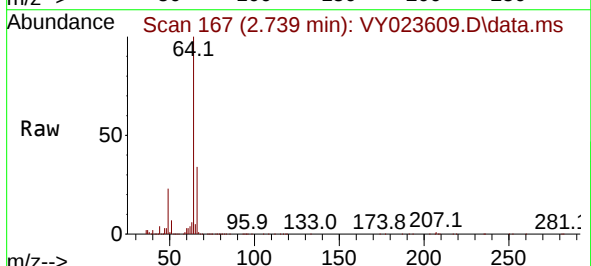
Tgt Ion: 94 Resp: 216554
Ion Ratio Lower Upper
94 100
96 95.9 74.5 111.7

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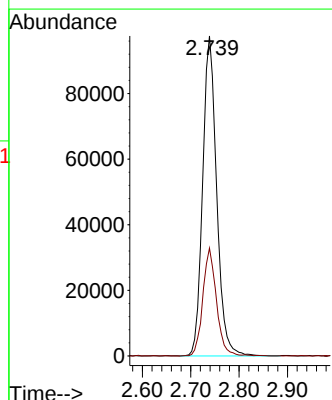
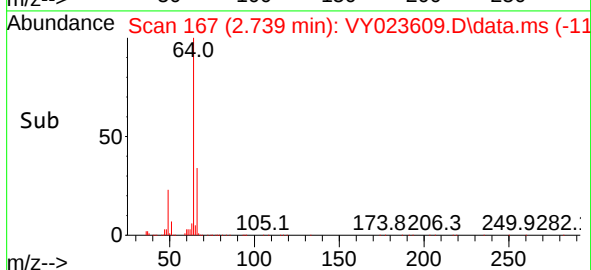
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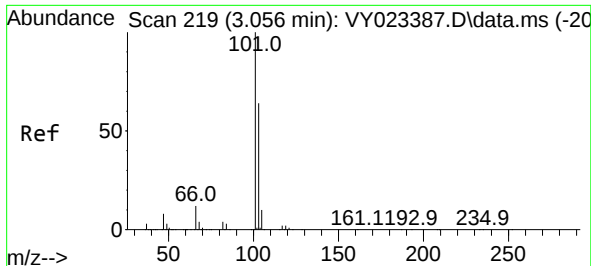


#6
Chloroethane
Concen: 49.125 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



Tgt Ion: 64 Resp: 196545
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4





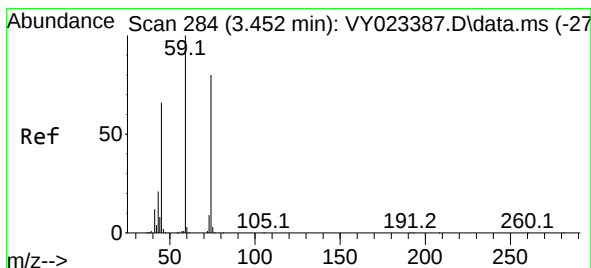
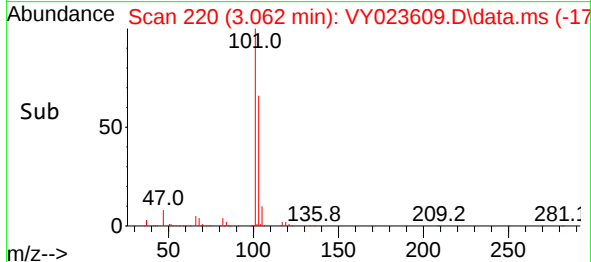
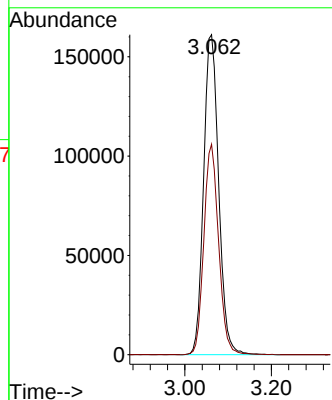
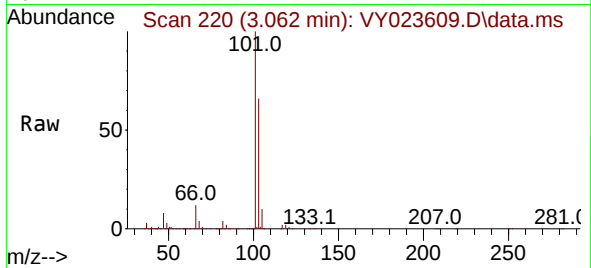
#7
Trichlorofluoromethane
Concen: 47.691 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 388660
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9

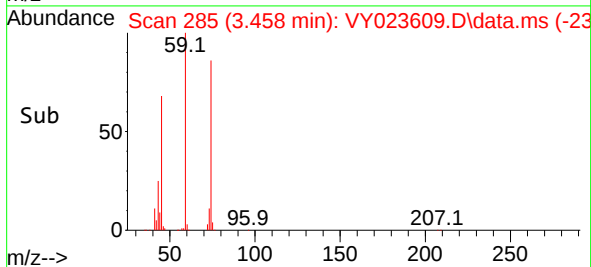
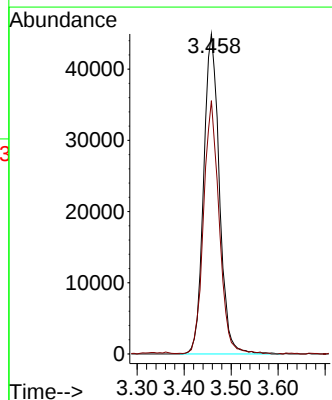
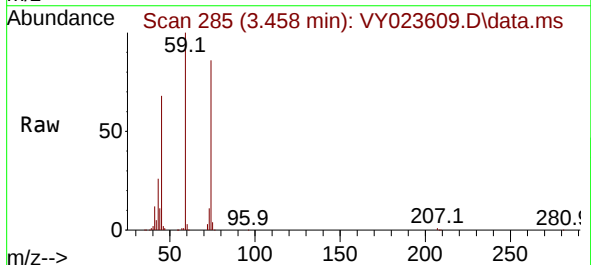
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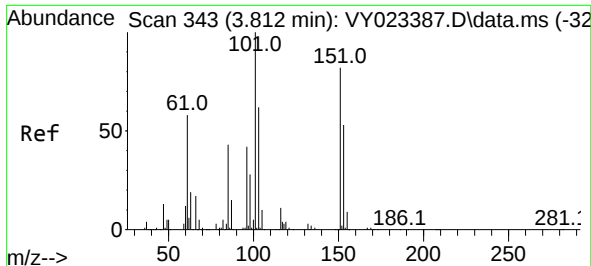
Reviewed By :Amit Patel 10/29/2025
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#8
Diethyl Ether
Concen: 48.868 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Tgt Ion: 74 Resp: 104065
Ion Ratio Lower Upper
74 100
45 79.1 39.9 119.7





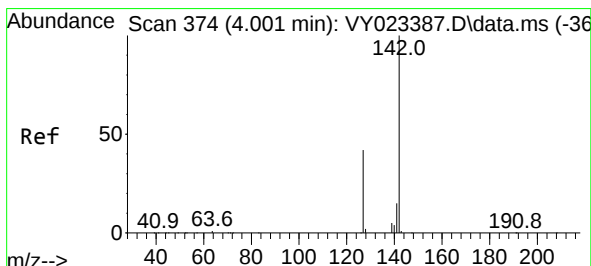
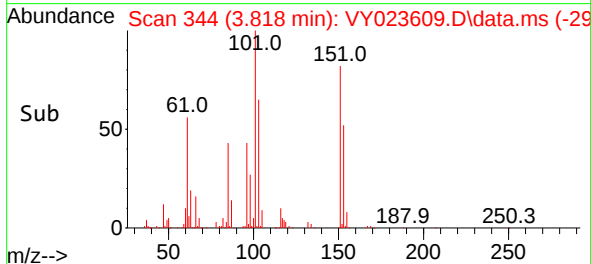
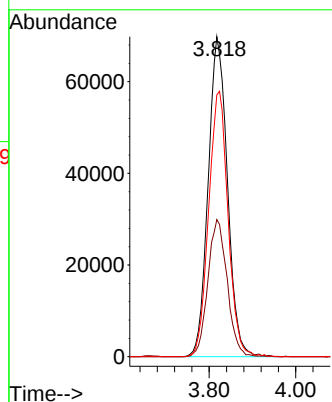
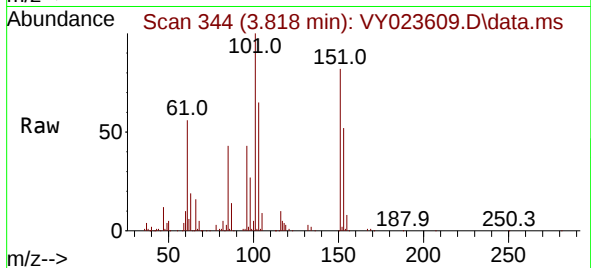
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1,1,2-Trichlorotrifluoroethane
Concen: 51.020 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 215764
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 83.5 67.0 100.6

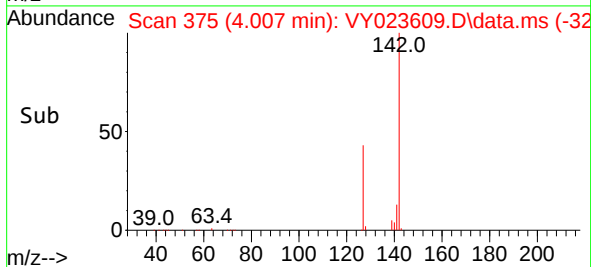
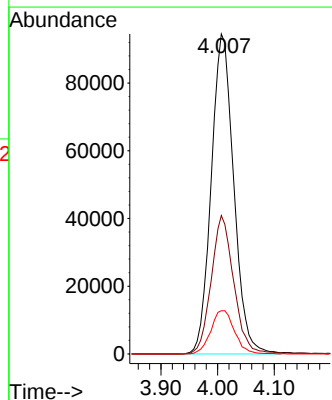
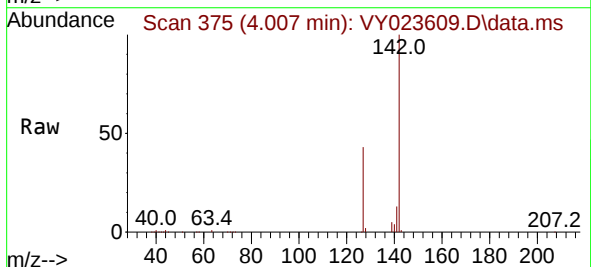
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 55.328 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

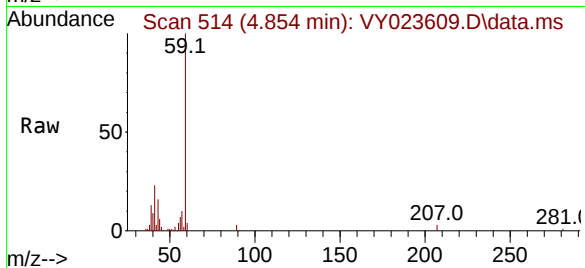
Tgt Ion:142 Resp: 260483
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 190.913 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

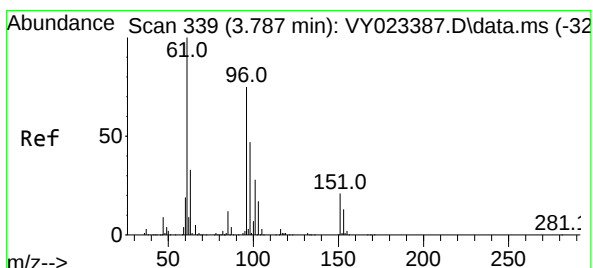
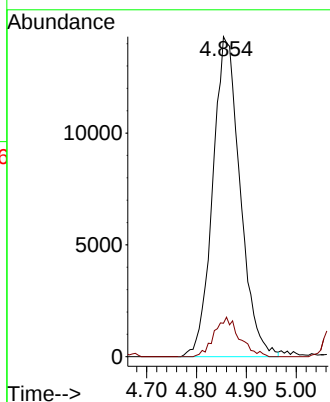
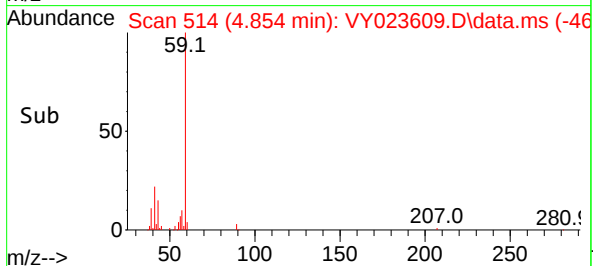
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 54582
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

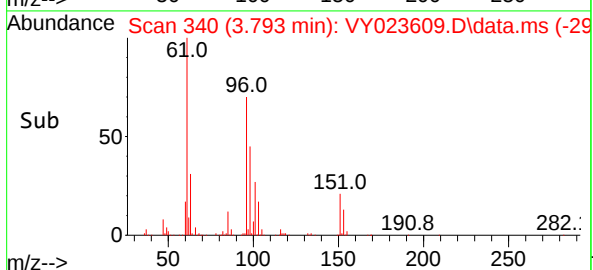
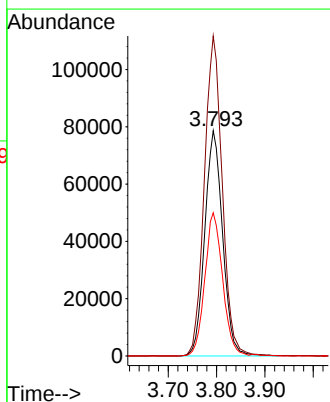
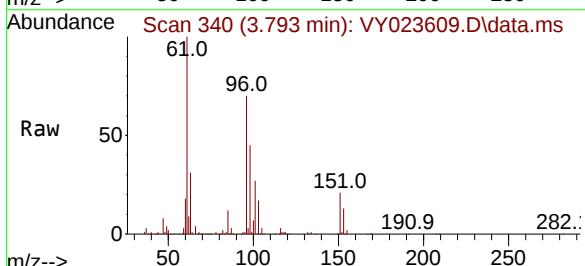
Manual Integrations
APPROVED

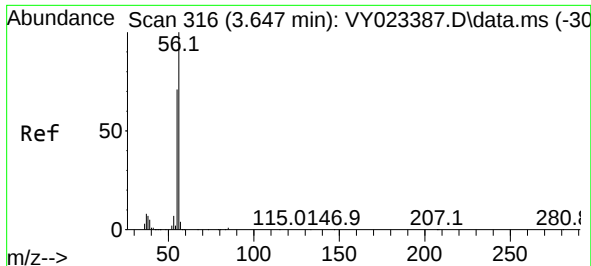
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#12
1,1-Dichloroethene
Concen: 49.344 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

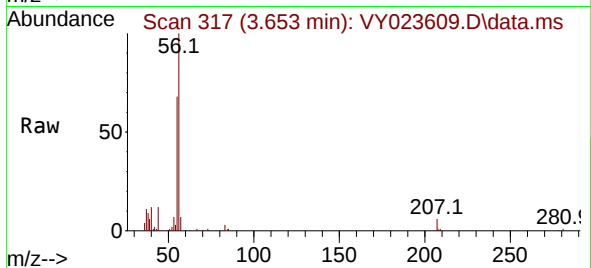
Tgt Ion: 96 Resp: 202288
Ion Ratio Lower Upper
96 100
61 142.0 106.7 160.1
98 63.5 50.2 75.4





#13
Acrolein
Concen: 50.057 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

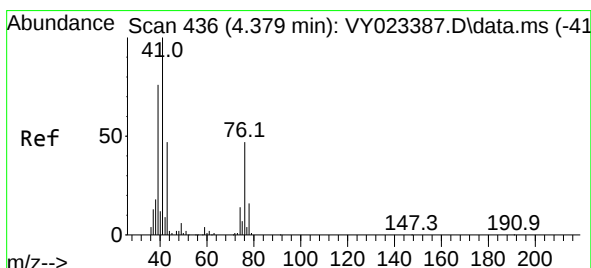
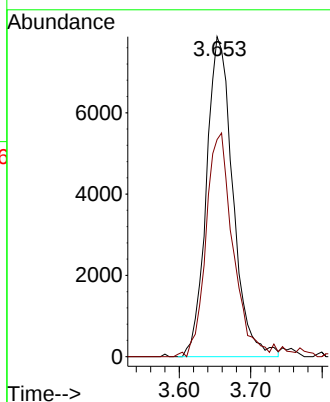
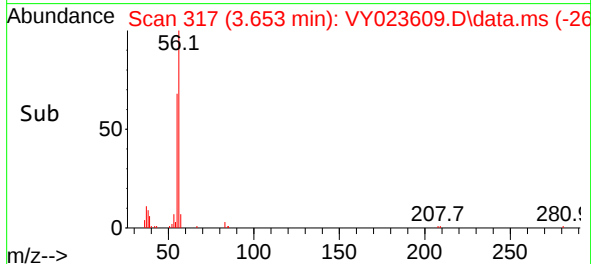
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2022
Ion Ratio Lower Upper
56 100
55 71.1 56.1 84.1

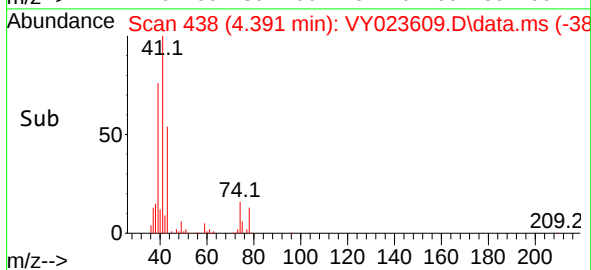
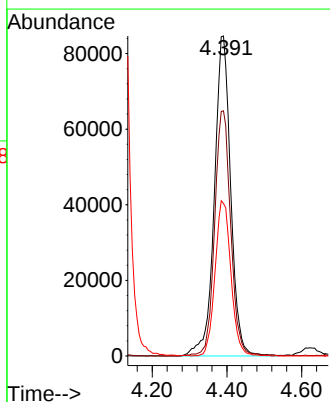
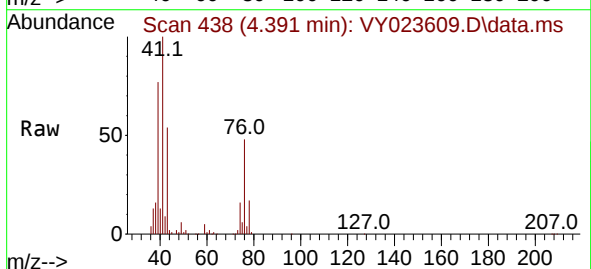
Manual Integrations
APPROVED

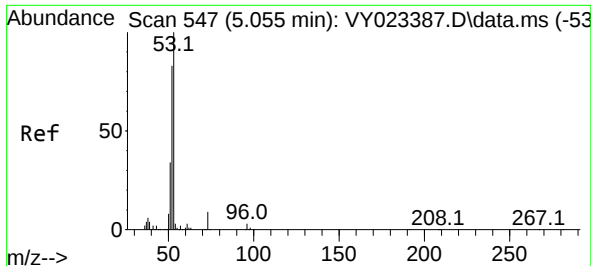
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 51.452 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

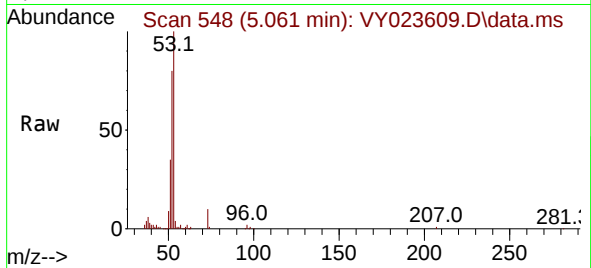
Tgt Ion: 41 Resp: 257064
Ion Ratio Lower Upper
41 100
39 75.4 59.9 89.9
76 47.1 38.0 57.0





#15
Acrylonitrile
Concen: 251.863 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

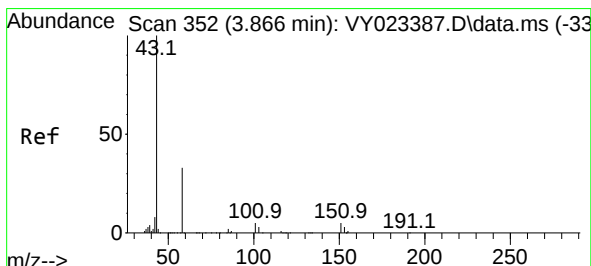
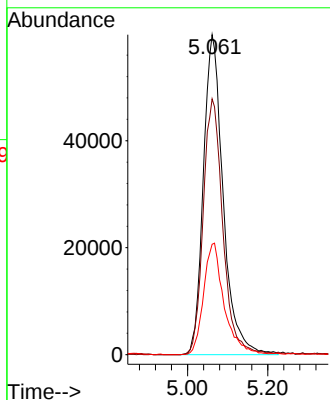
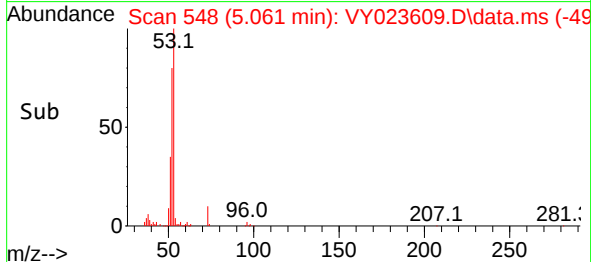
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



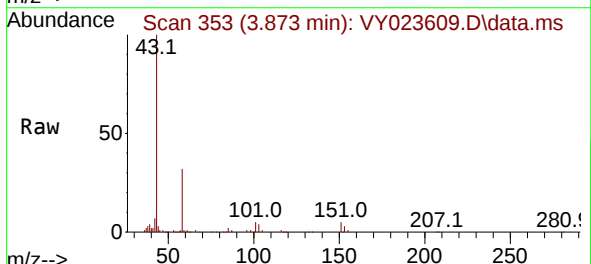
Tgt Ion: 53 Resp: 205258
Ion Ratio Lower Upper
53 100
52 79.3 64.6 97.0
51 36.2 29.5 44.3

Manual Integrations
APPROVED

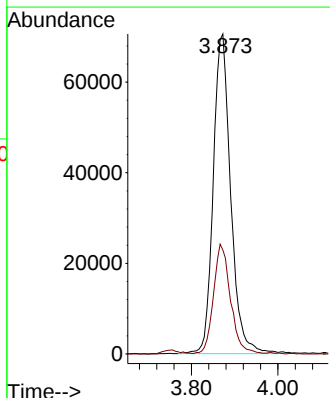
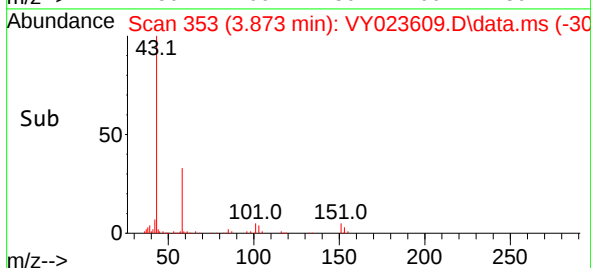
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

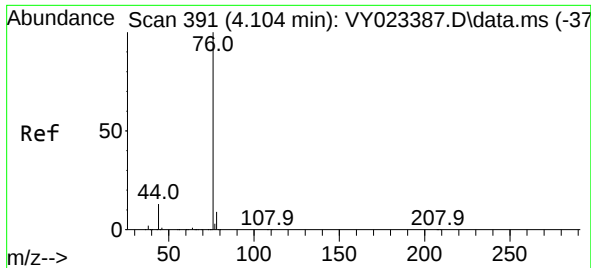


#16
Acetone
Concen: 215.714 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



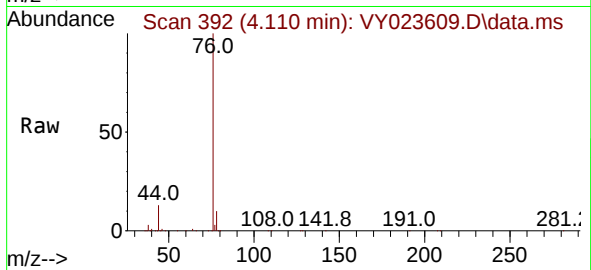
Tgt Ion: 43 Resp: 197358
Ion Ratio Lower Upper
43 100
58 32.2 27.7 41.5





#17
Carbon Disulfide
Concen: 45.724 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

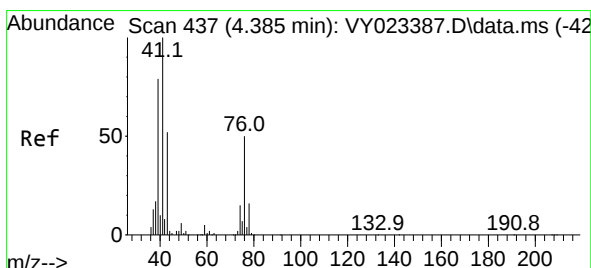
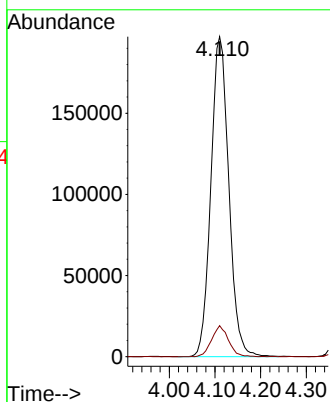
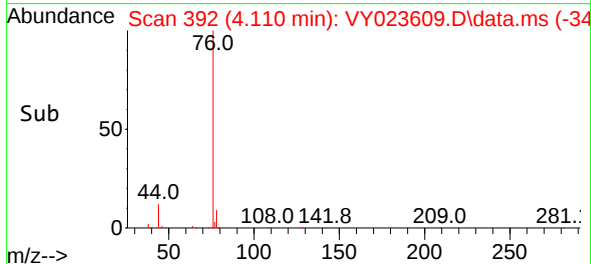
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 53649
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

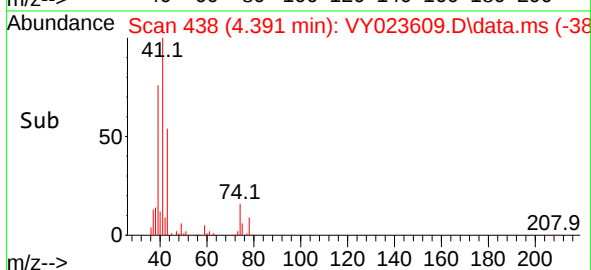
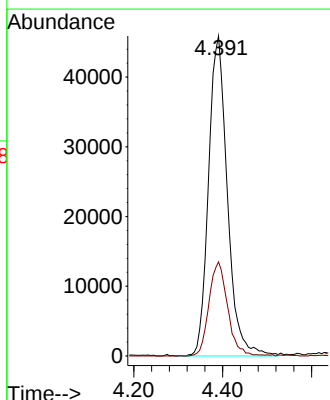
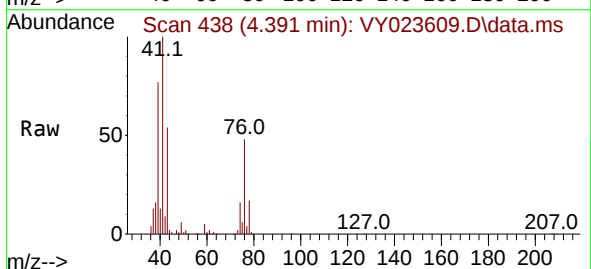
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#18
Methyl Acetate
Concen: 56.304 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

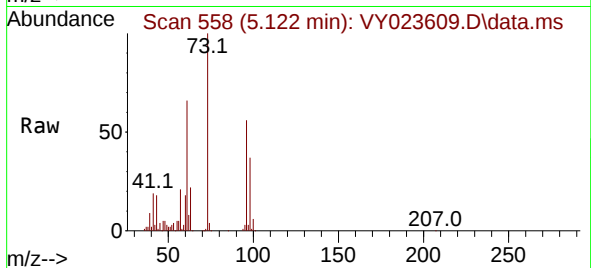
Tgt Ion: 43 Resp: 135129
Ion Ratio Lower Upper
43 100
74 29.1 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 50.399 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

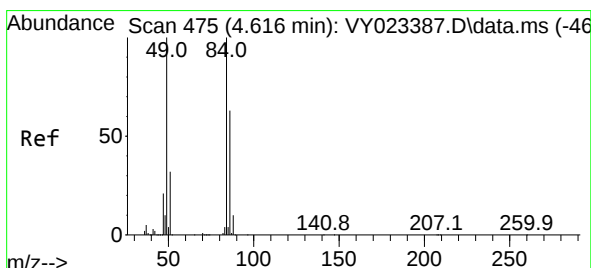
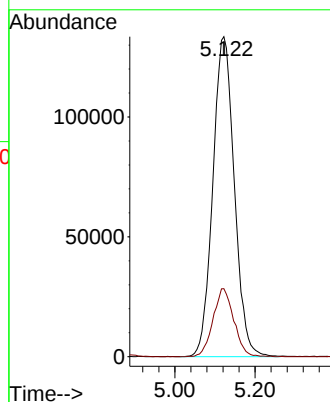
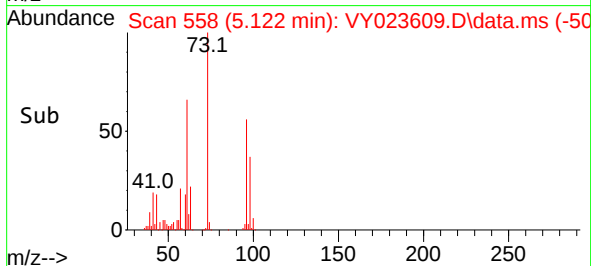
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 496579
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

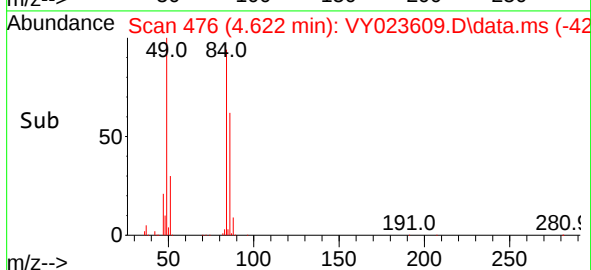
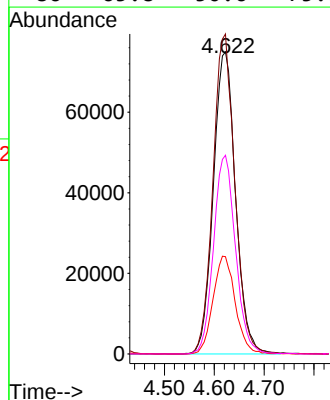
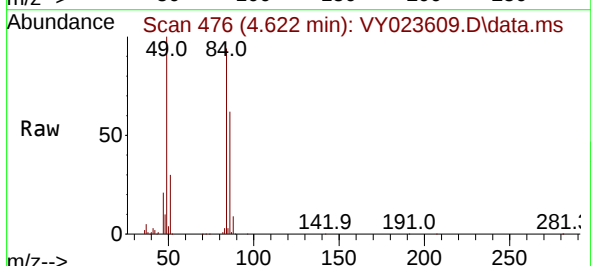
Manual Integrations
APPROVED

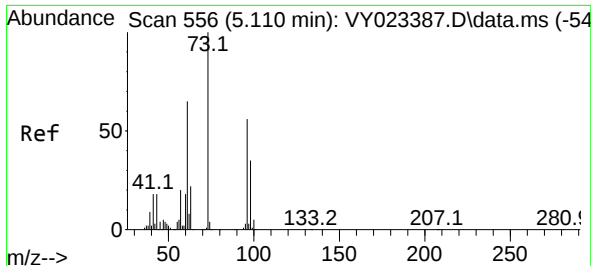
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#20
Methylene Chloride
Concen: 46.948 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

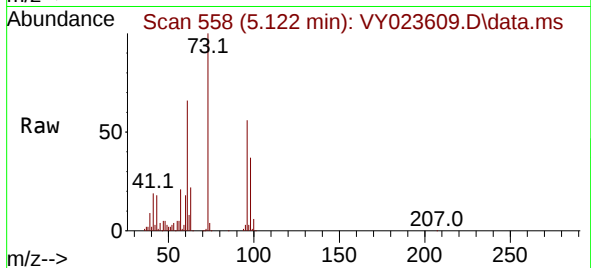
Tgt Ion: 84 Resp: 232265
Ion Ratio Lower Upper
84 100
49 105.9 80.2 120.4
51 32.2 25.9 38.9
86 65.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 51.404 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

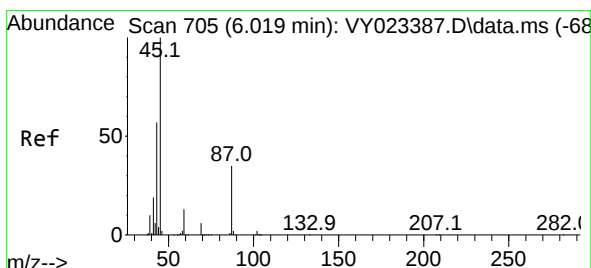
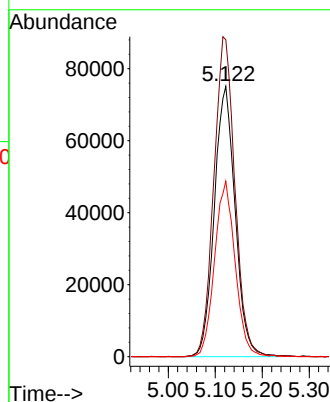
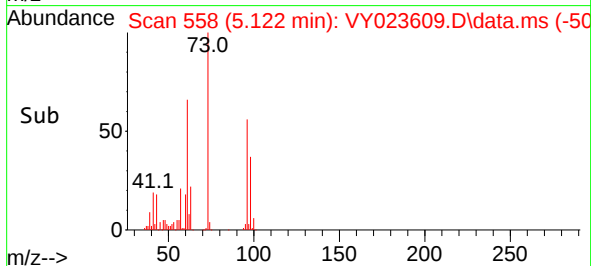
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



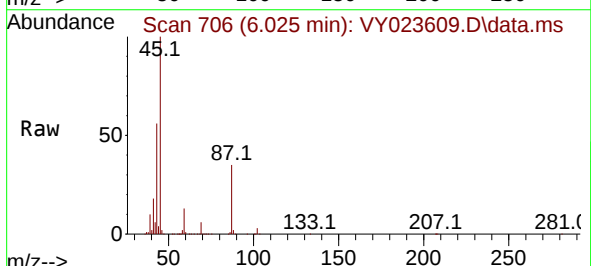
Tgt Ion: 96 Resp: 232009
Ion Ratio Lower Upper
96 100
61 117.3 92.7 139.1
98 64.9 49.7 74.5

Manual Integrations
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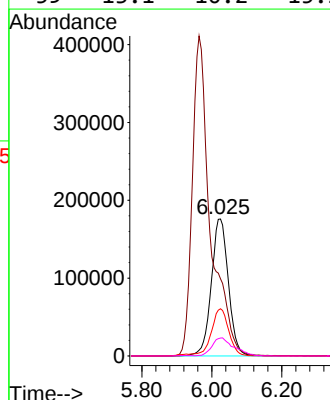
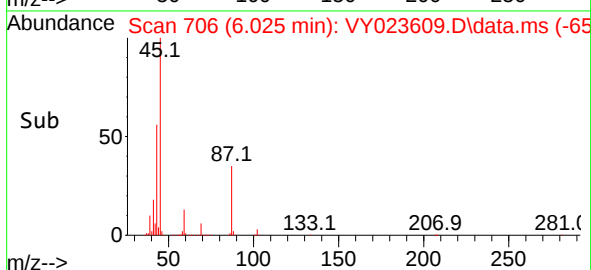
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#22
Diisopropyl ether
Concen: 54.028 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



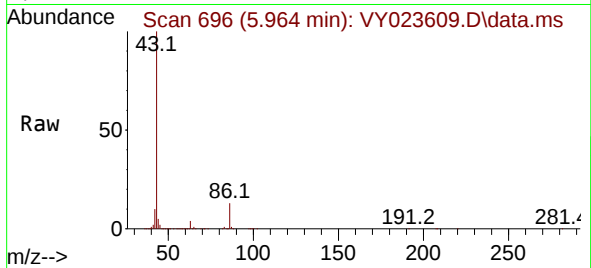
Tgt Ion: 45 Resp: 597087
Ion Ratio Lower Upper
45 100
43 56.0 45.6 68.4
87 34.5 28.1 42.1
59 13.1 10.2 15.2





#23
 Vinyl Acetate
 Concen: 246.670 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09

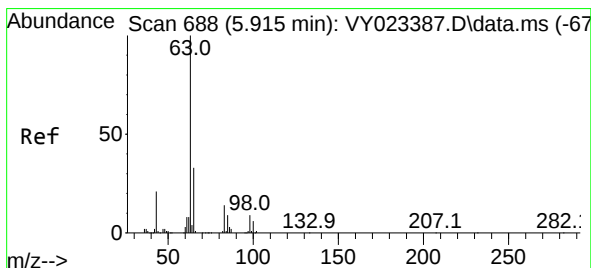
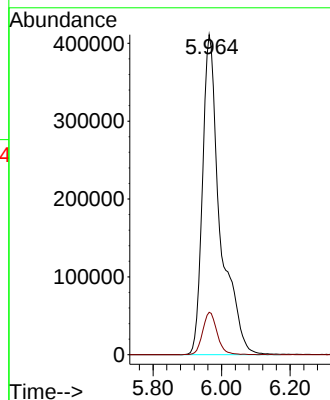
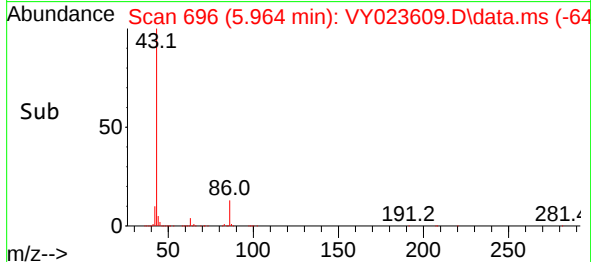
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



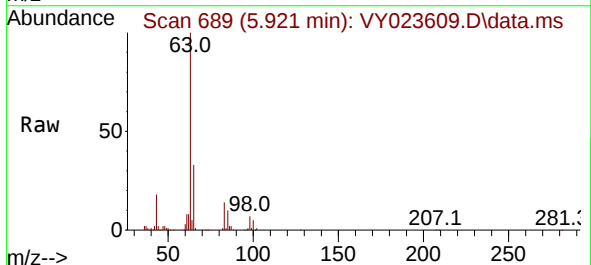
Tgt Ion: 43 Resp: 1475540
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 15.8

Manual Integrations
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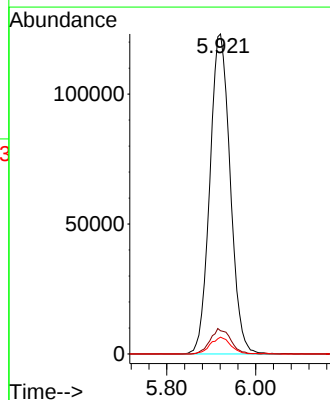
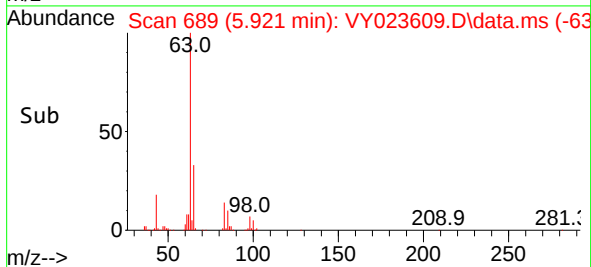
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#24
 1,1-Dichloroethane
 Concen: 53.437 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09



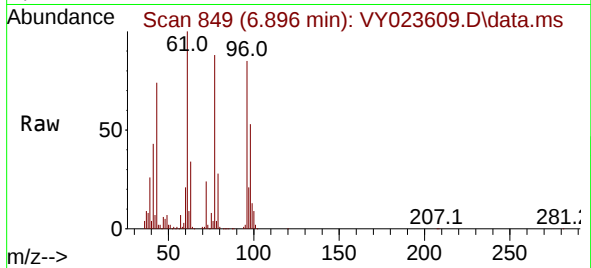
Tgt Ion: 63 Resp: 391189
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.3 13.1
 100 5.2 2.8 8.4





#25
2-Butanone
Concen: 223.689 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

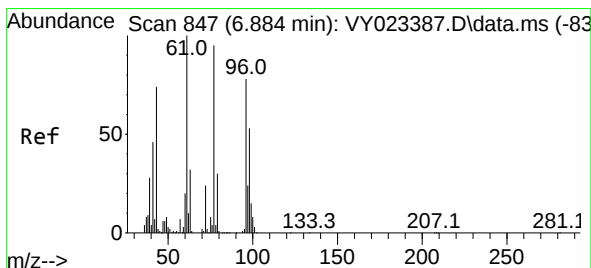
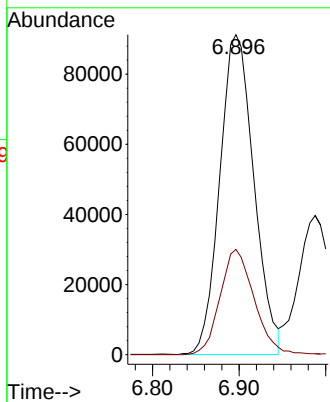
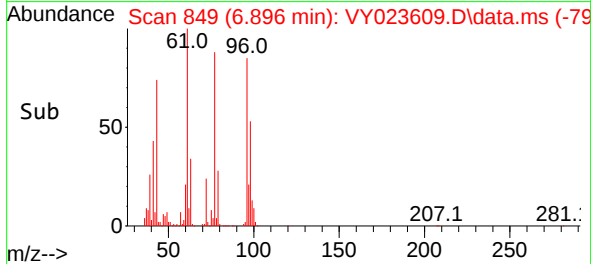
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 249850
Ion Ratio Lower Upper
43 100
72 32.9 27.4 41.2

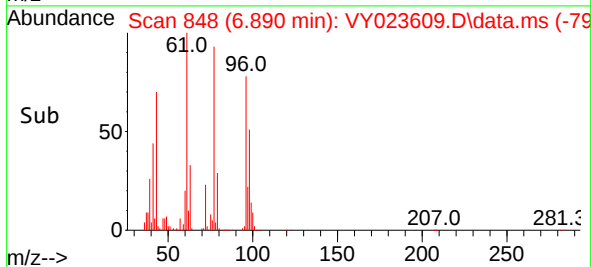
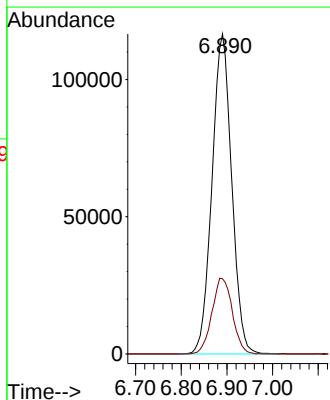
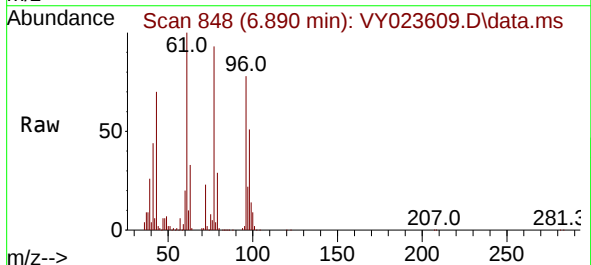
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#26
2,2-Dichloropropane
Concen: 52.005 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

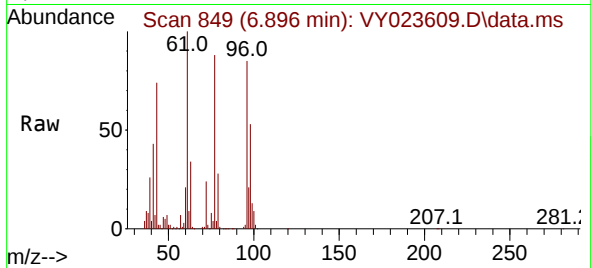
Tgt Ion: 77 Resp: 349327
Ion Ratio Lower Upper
77 100
97 24.5 12.1 36.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.669 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09

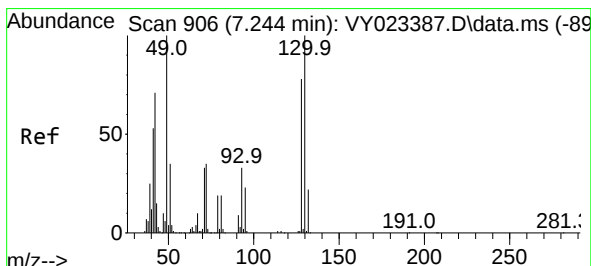
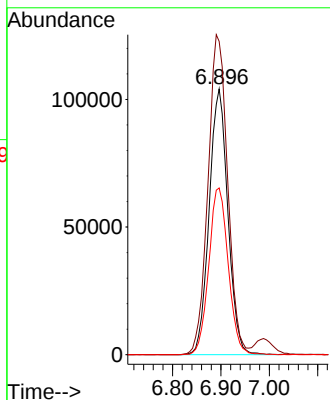
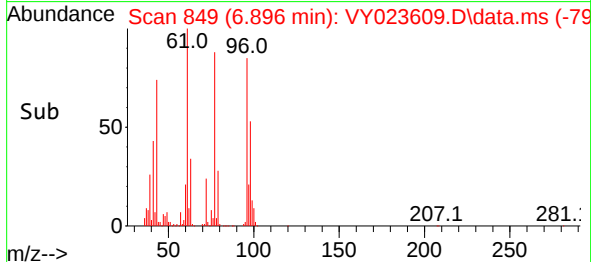
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



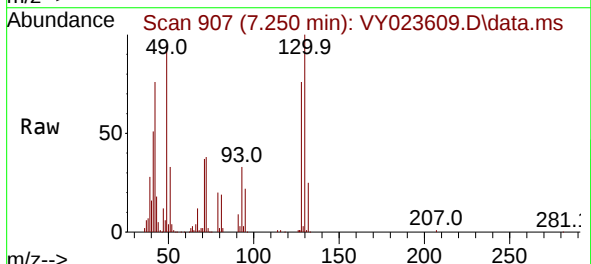
Tgt Ion: 96 Resp: 27980
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 258.2
 98 65.2 0.0 132.0

Manual Integrations
 APPROVED

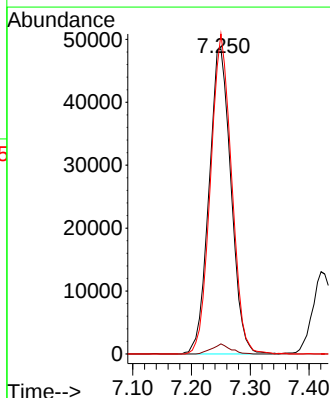
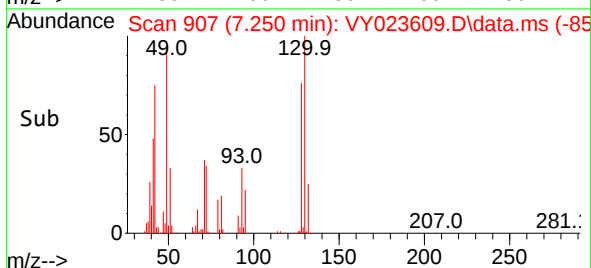
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

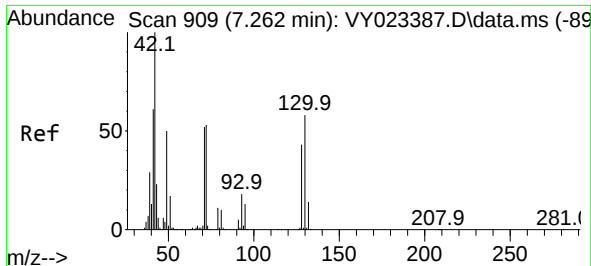


#28
 Bromochloromethane
 Concen: 46.288 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09



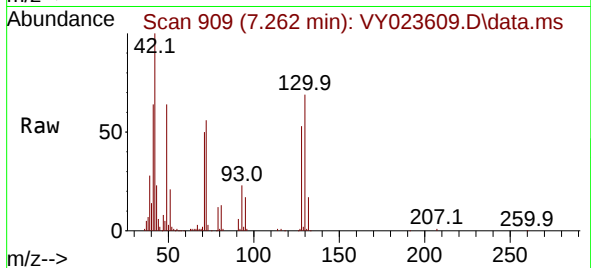
Tgt Ion: 49 Resp: 126499
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 100.1 81.9 122.9





#29
Tetrahydrofuran
Concen: 239.549 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

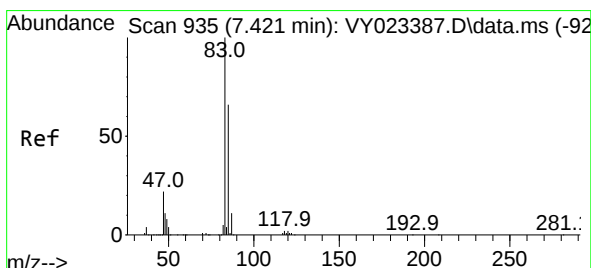
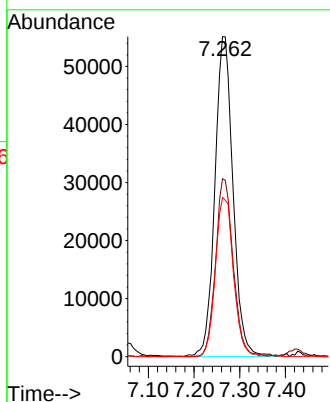
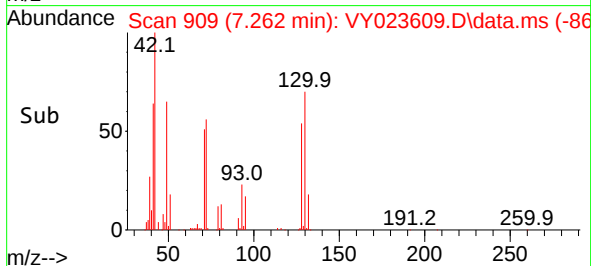
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



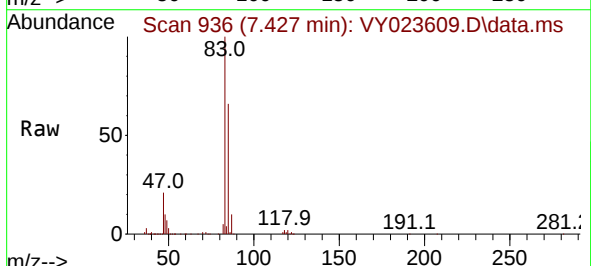
Tgt Ion: 42 Resp: 151728
Ion Ratio Lower Upper
42 100
72 54.1 43.0 64.6
71 50.0 40.1 60.1

Manual Integrations
APPROVED

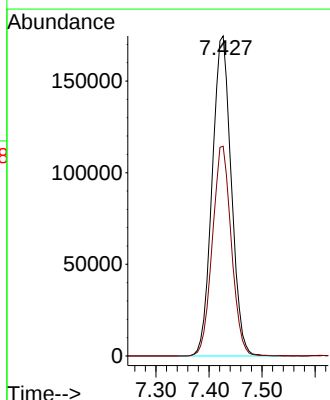
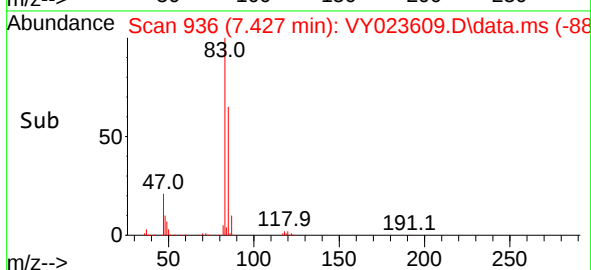
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#30
Chloroform
Concen: 54.314 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



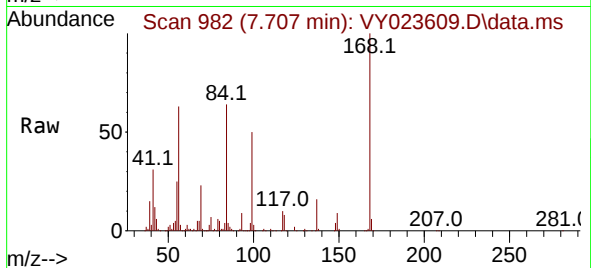
Tgt Ion: 83 Resp: 436846
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7





#31
Cyclohexane
Concen: 48.104 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

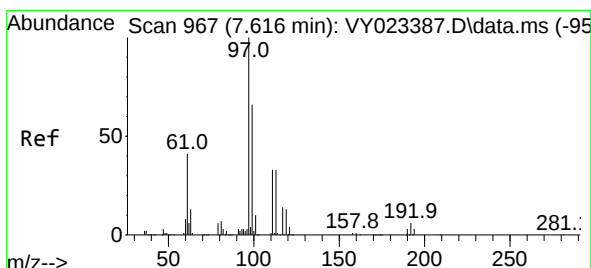
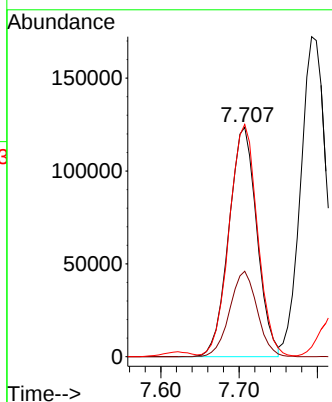
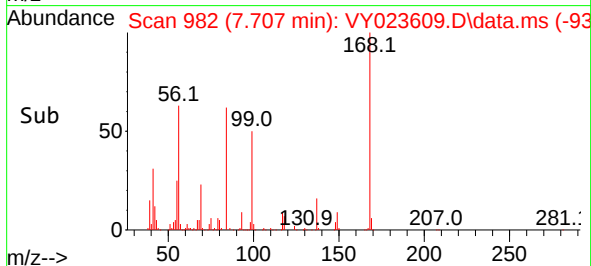
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 307529
Ion Ratio Lower Upper
56 100
69 37.2 30.0 45.0
84 99.0 81.2 121.8

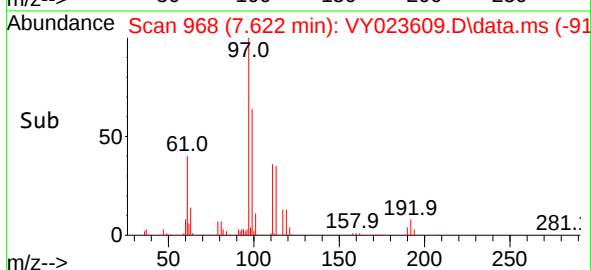
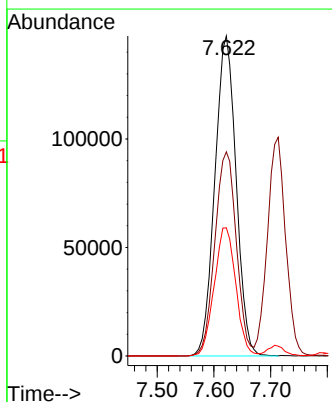
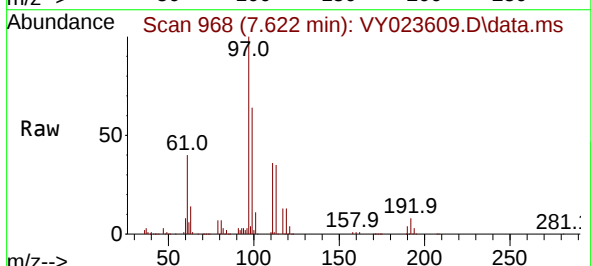
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 52.520 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

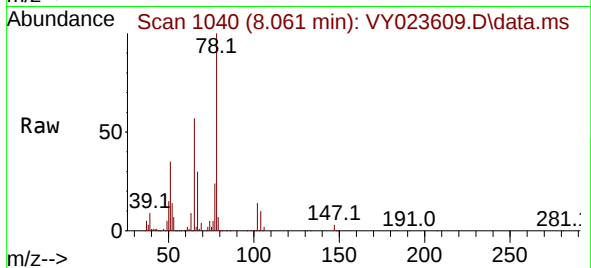
Tgt Ion: 97 Resp: 383883
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 40.8 31.9 47.9





#33
1,2-Dichloroethane-d4
Concen: 47.478 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

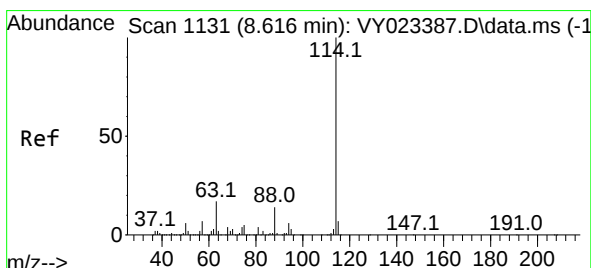
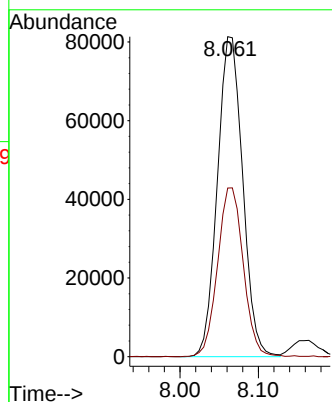
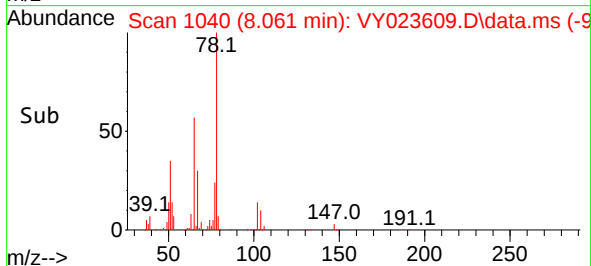
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



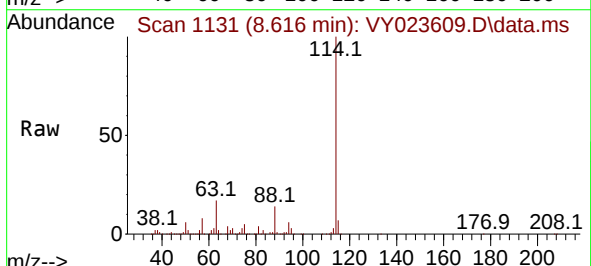
Tgt Ion: 65 Resp: 182460
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8

Manual Integrations
APPROVED

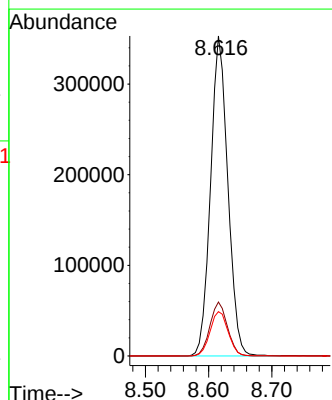
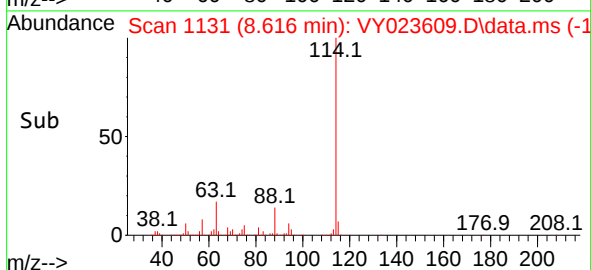
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

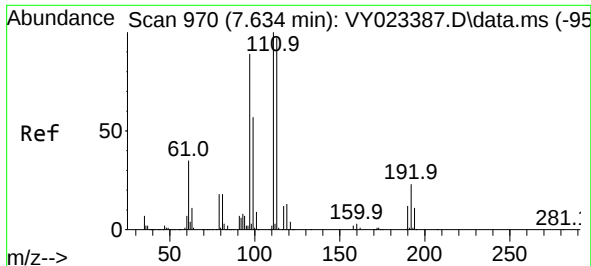


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



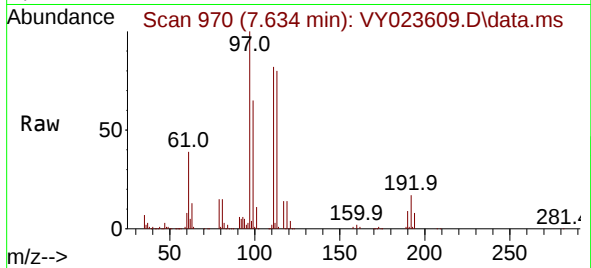
Tgt Ion:114 Resp: 669677
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.2
88 13.8 0.0 28.4





#35
Dibromofluoromethane
Concen: 50.538 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

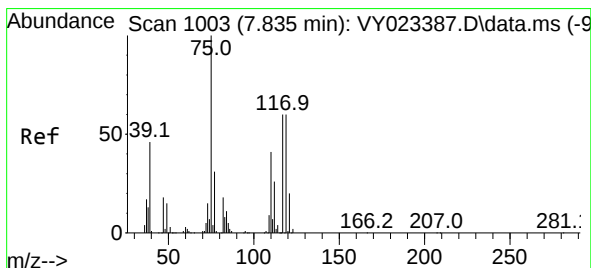
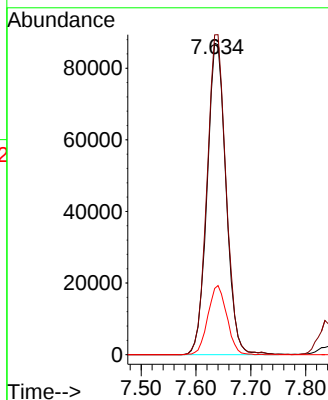
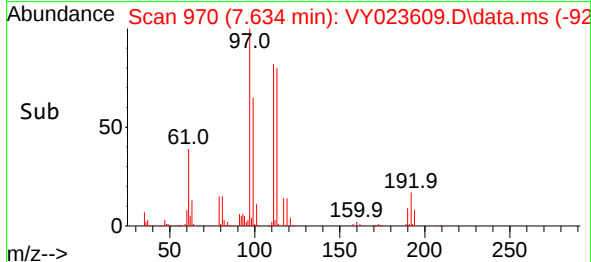
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



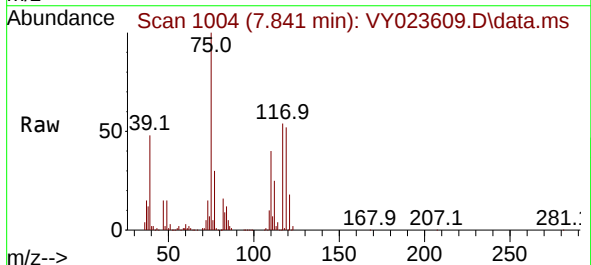
Tgt Ion:113 Resp: 207950
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 22.2 18.0 27.0

Manual Integrations
APPROVED

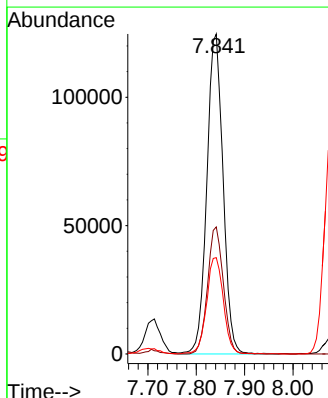
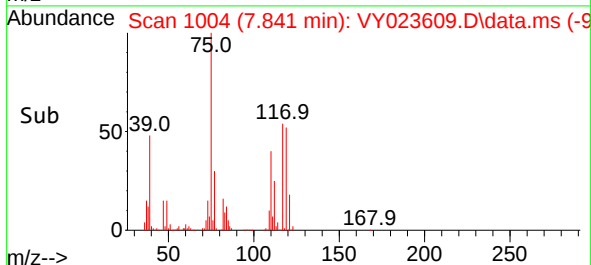
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

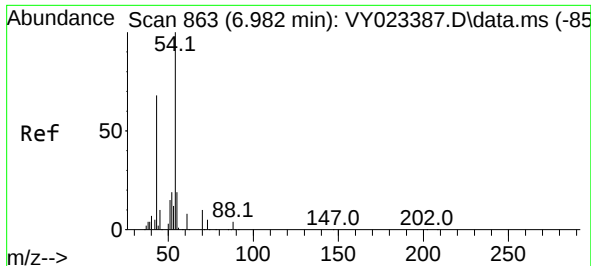


#36
1,1-Dichloropropene
Concen: 53.236 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



Tgt Ion: 75 Resp: 290011
Ion Ratio Lower Upper
75 100
110 38.9 19.9 59.7
77 31.1 25.0 37.6





#37

Ethyl Acetate

Concen: 49.582 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10700

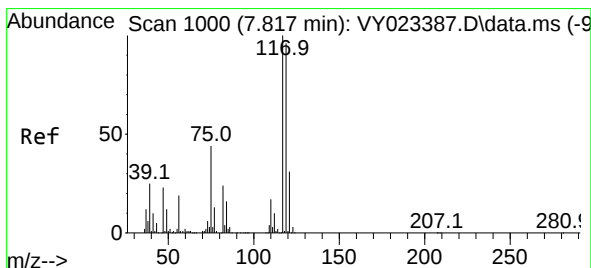
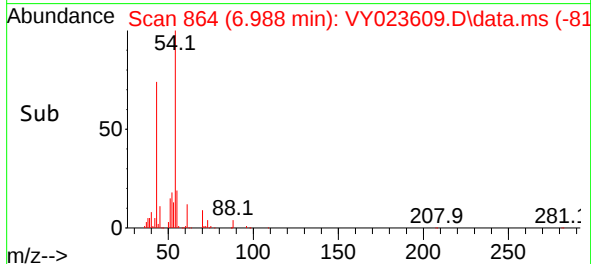
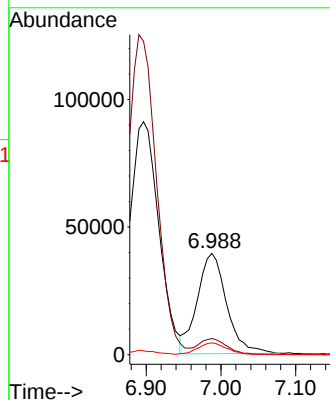
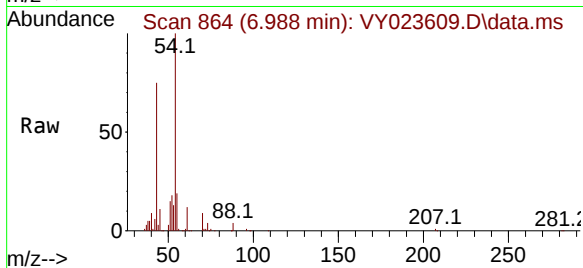
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.8
70	11.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#38

Carbon Tetrachloride

Concen: 52.840 ug/l

RT: 7.817 min Scan# 1000

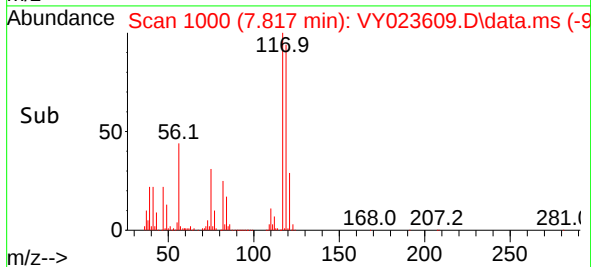
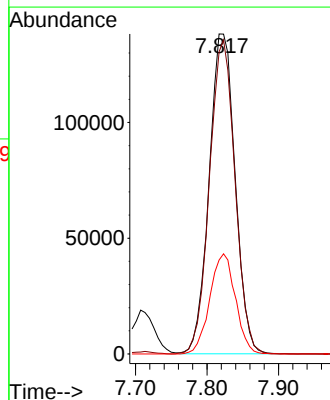
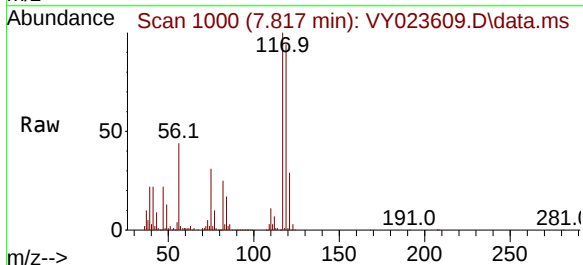
Delta R.T. -0.000 min

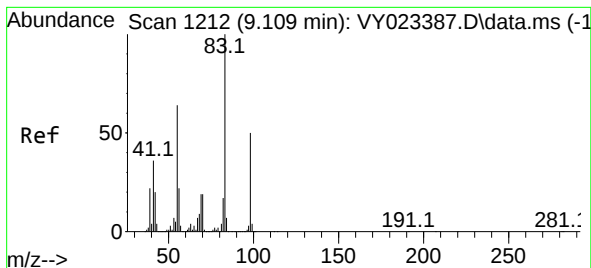
Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Tgt Ion:117 Resp: 349036

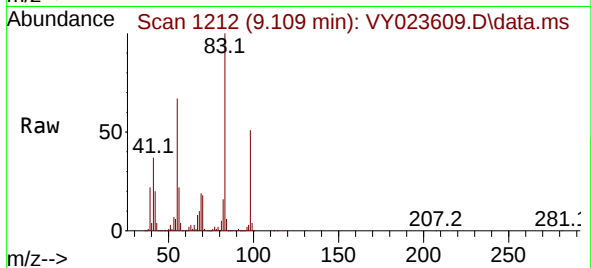
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.8	115.2
121	29.4	24.5	36.7





#39
Methylcyclohexane
Concen: 51.584 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

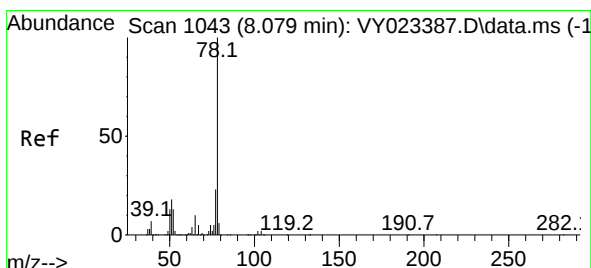
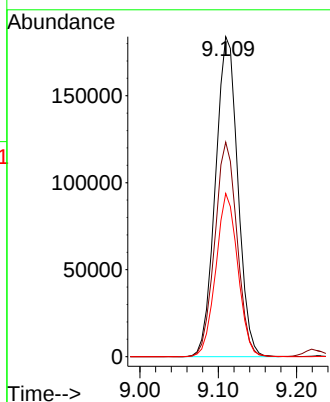
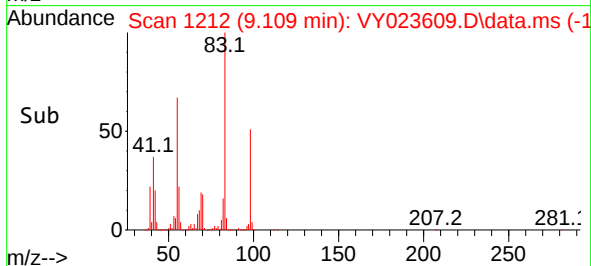
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 36588
Ion Ratio Lower Upper
83 100
55 67.0 51.4 77.2
98 51.0 40.4 60.6

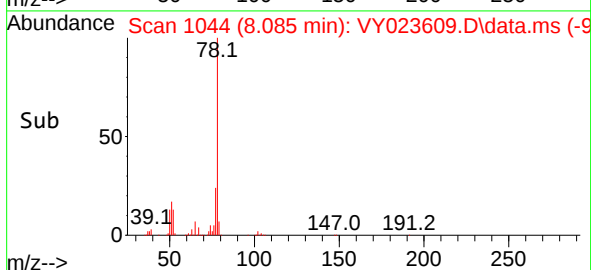
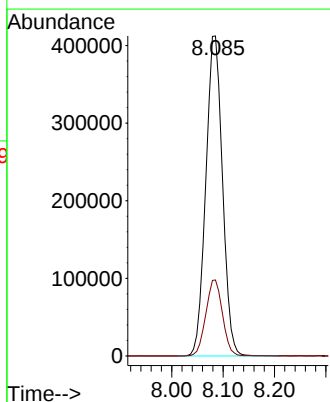
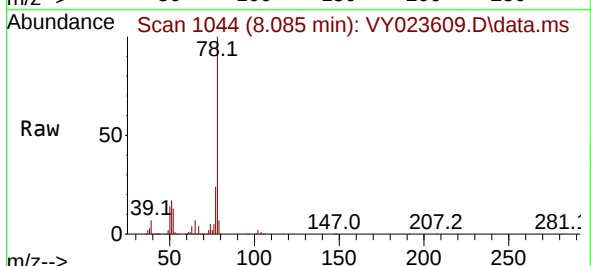
Manual Integrations
APPROVED

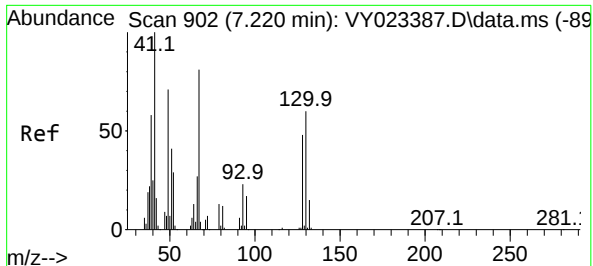
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#40
Benzene
Concen: 53.836 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

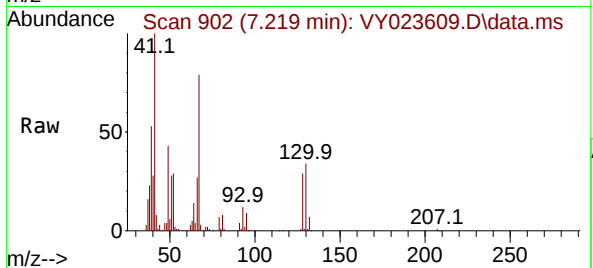
Tgt Ion: 78 Resp: 928787
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5





#41
Methacrylonitrile
Concen: 51.896 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

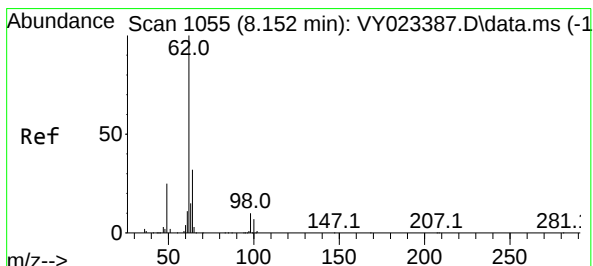
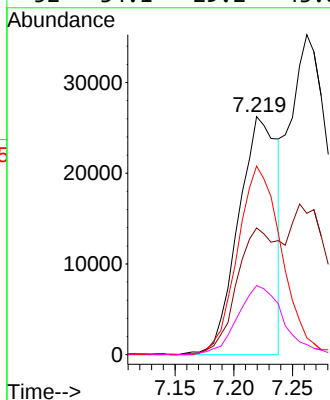
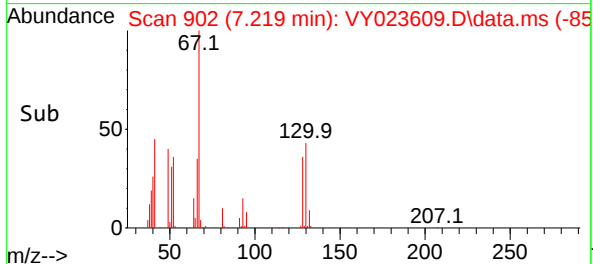
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



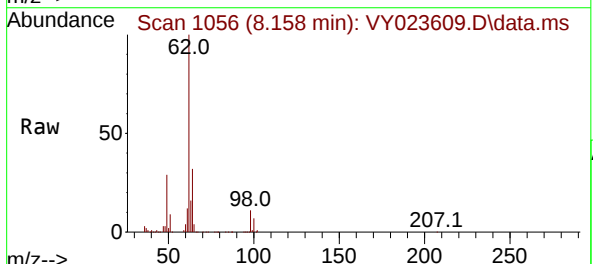
Tgt Ion: 41 Resp: 60573
Ion Ratio Lower Upper
41 100
39 47.2 52.2 78.4
67 91.2 74.9 112.3
52 34.1 29.2 43.8

Manual Integrations
APPROVED

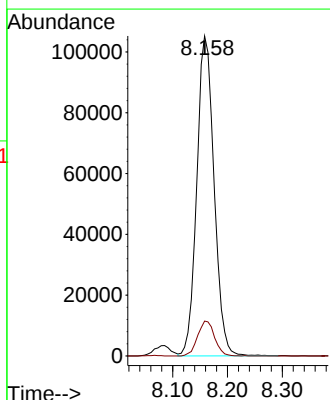
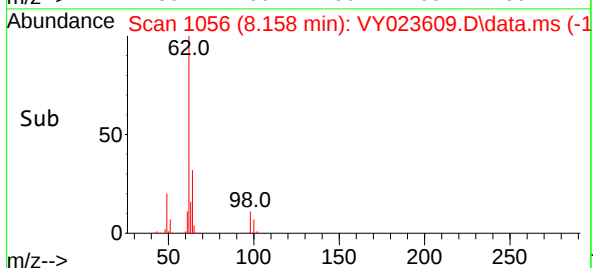
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

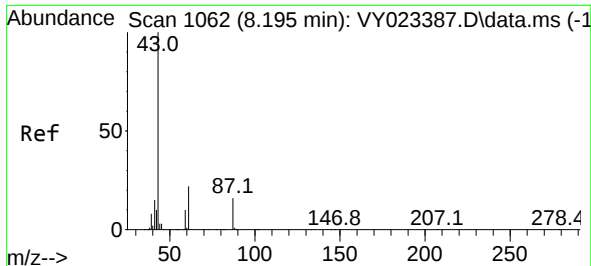


#42
1,2-Dichloroethane
Concen: 51.844 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



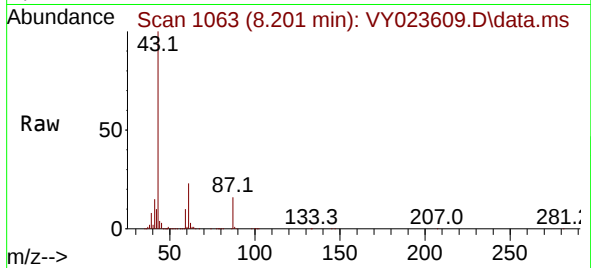
Tgt Ion: 62 Resp: 230673
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.6





#43
Isopropyl Acetate
Concen: 49.364 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

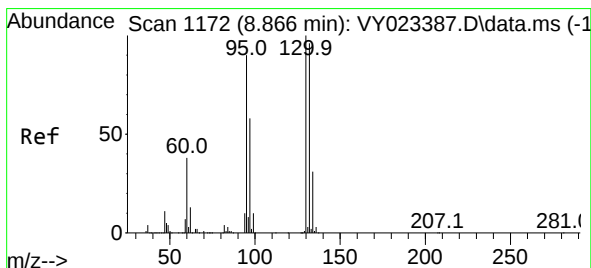
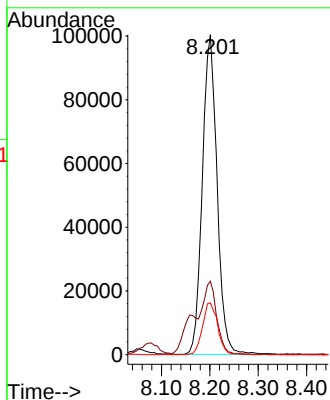
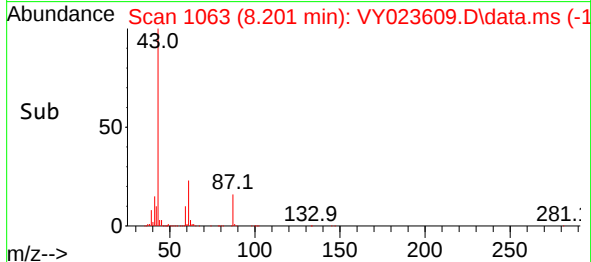
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 212438
Ion Ratio Lower Upper
43 100
61 21.5 18.1 27.1
87 16.8 13.5 20.3

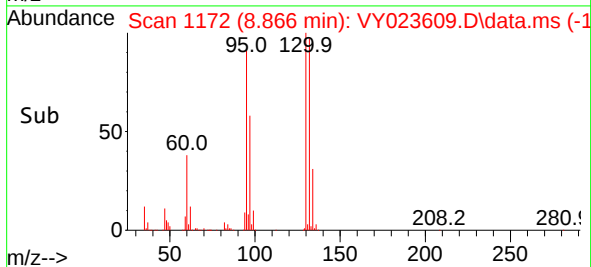
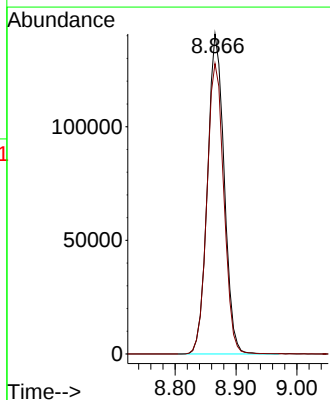
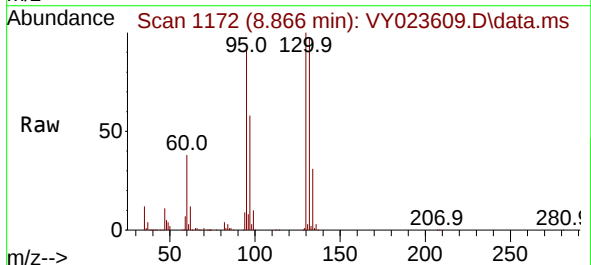
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#44
Trichloroethene
Concen: 53.093 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Tgt Ion:130 Resp: 268096
Ion Ratio Lower Upper
130 100
95 90.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 54.735 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 208574

Ion Ratio Lower Upper

63 100

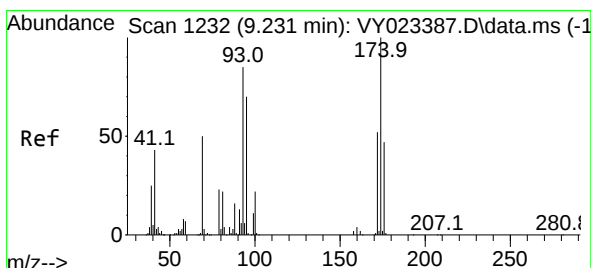
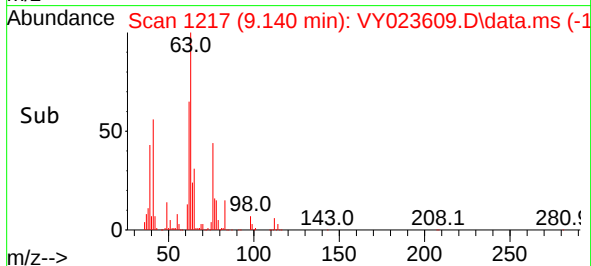
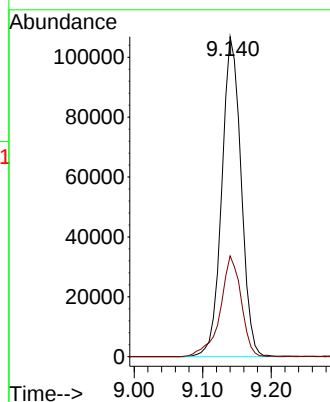
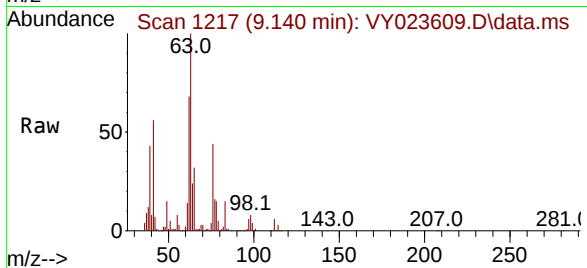
65 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#46

Dibromomethane

Concen: 52.925 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

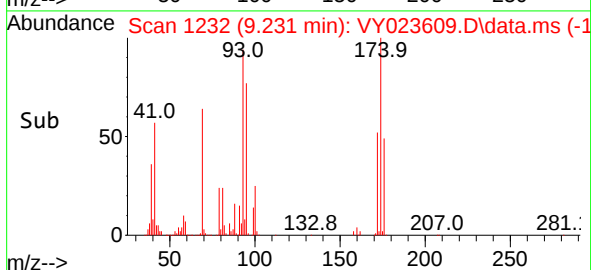
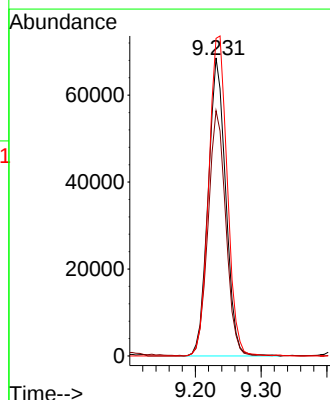
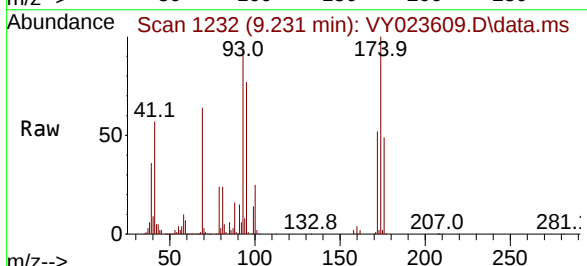
Tgt Ion: 93 Resp: 127525

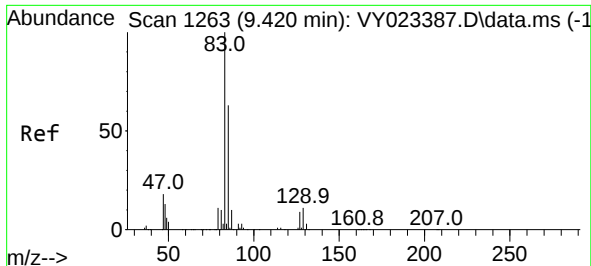
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.0

174 112.9 92.9 139.3





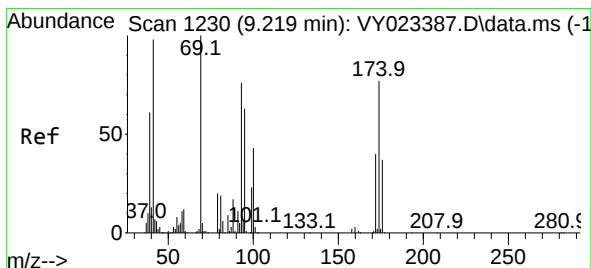
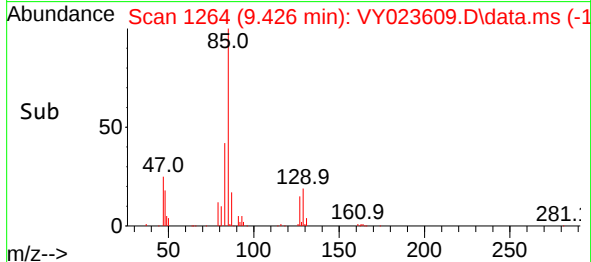
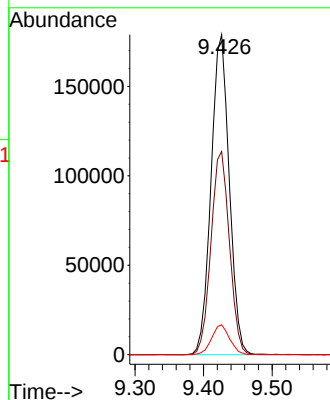
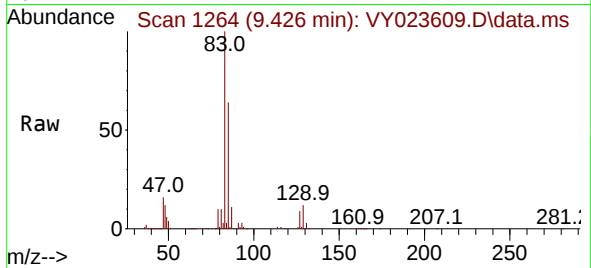
#47
Bromodichloromethane
Concen: 54.386 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 330048
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 9.4 7.4 11.2

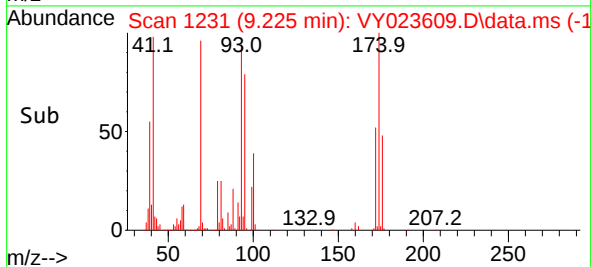
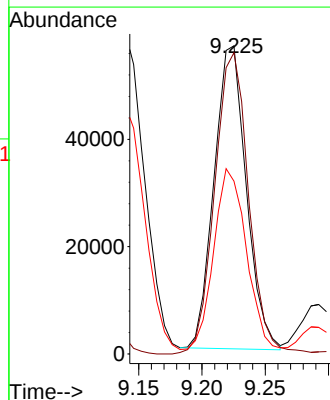
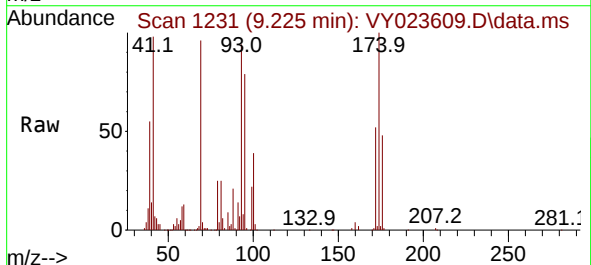
Manual Integrations
APPROVED

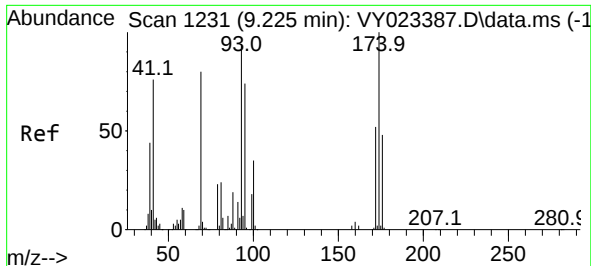
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 49.507 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Tgt Ion: 41 Resp: 100090
Ion Ratio Lower Upper
41 100
69 104.9 81.0 121.4
39 60.6 48.2 72.4





#49

1,4-Dioxane

Concen: 952.429 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

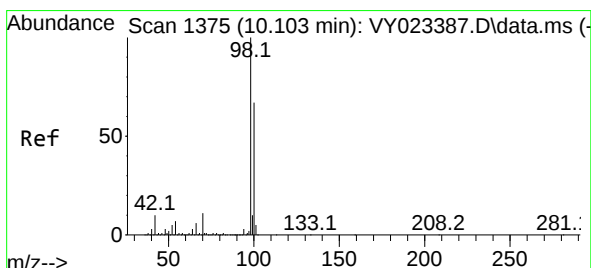
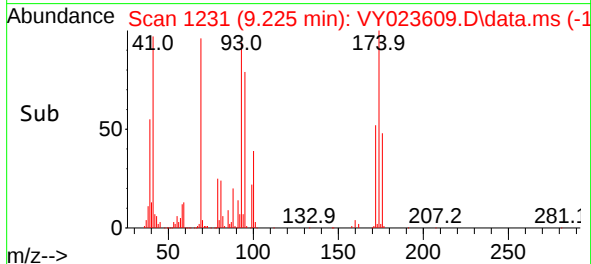
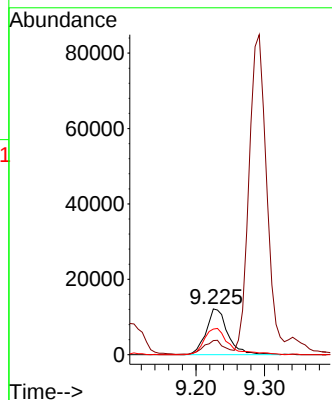
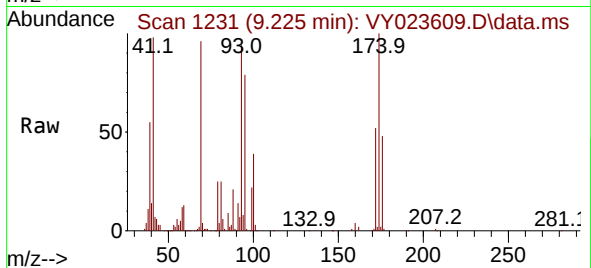
Tgt Ion: 88	Resp: 26608
Ion Ratio	Lower Upper
88 100	
43 28.7	21.8 32.8
58 65.3	46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#50

Toluene-d8

Concen: 50.256 ug/l

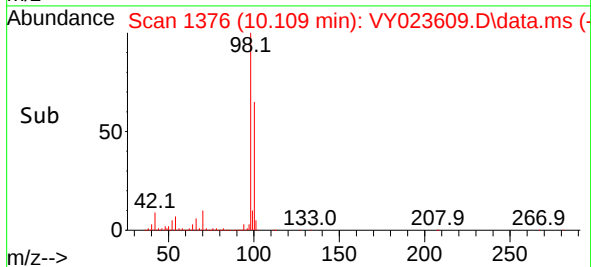
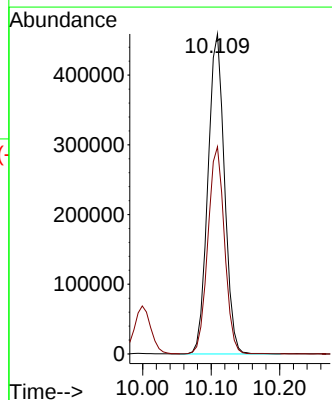
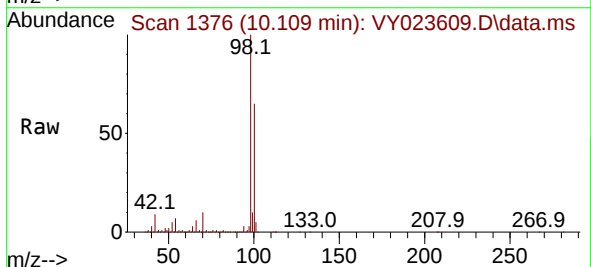
RT: 10.109 min Scan# 1376

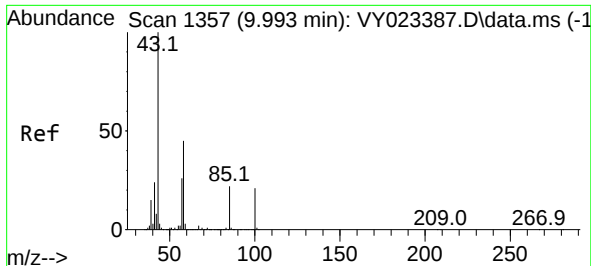
Delta R.T. 0.006 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

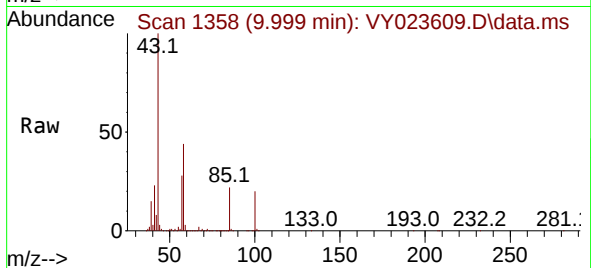
Tgt Ion: 98	Resp: 770122
Ion Ratio	Lower Upper
98 100	
100 65.2	53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 257.566 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

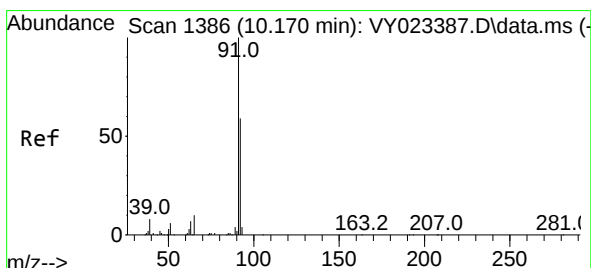
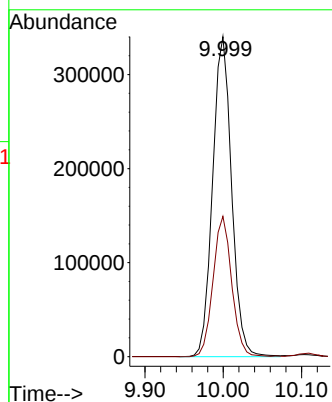
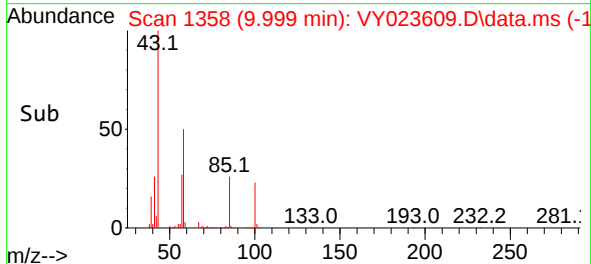
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



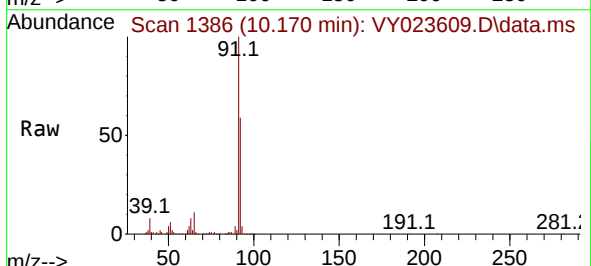
Tgt Ion: 43 Resp: 57269
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9

Manual Integrations
APPROVED

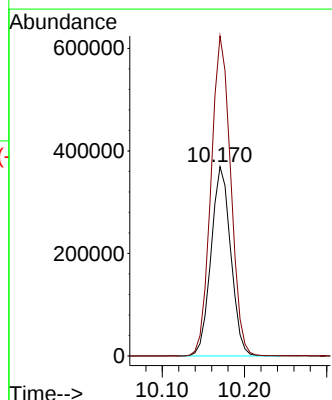
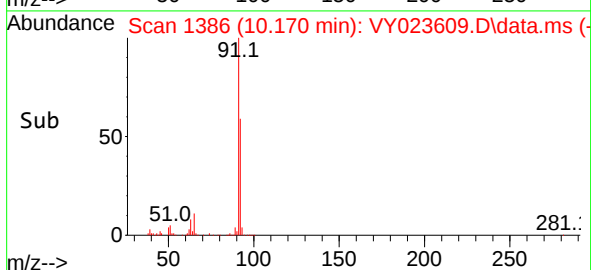
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

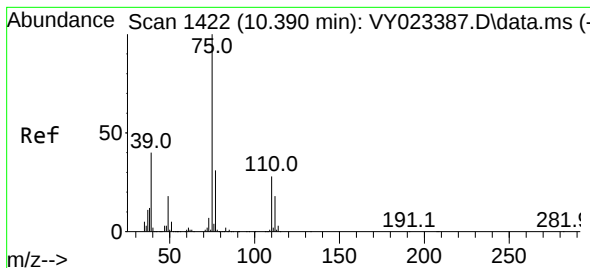


#52
Toluene
Concen: 54.894 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



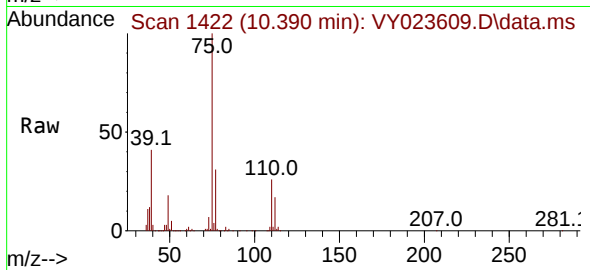
Tgt Ion: 92 Resp: 614897
Ion Ratio Lower Upper
92 100
91 169.7 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 52.774 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

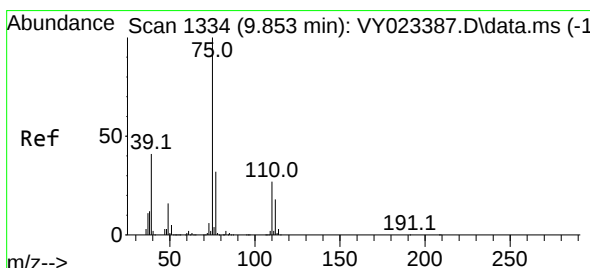
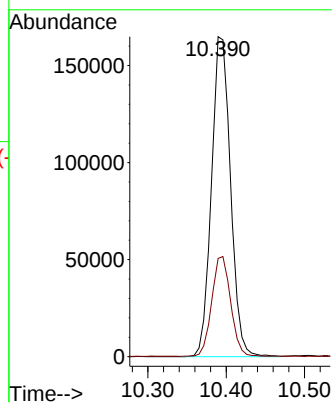
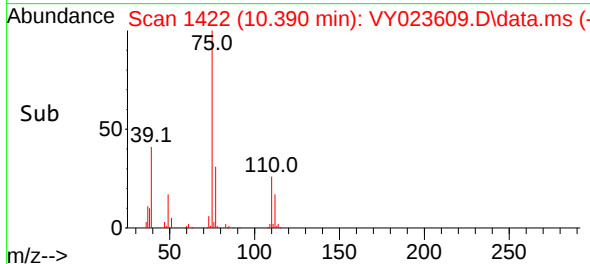
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 278475
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7

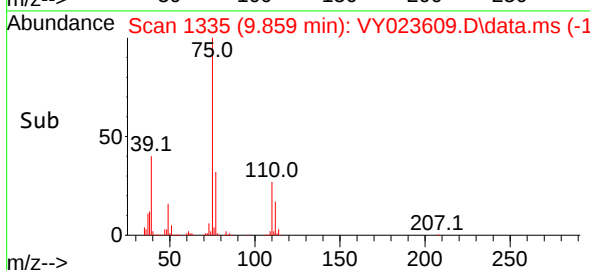
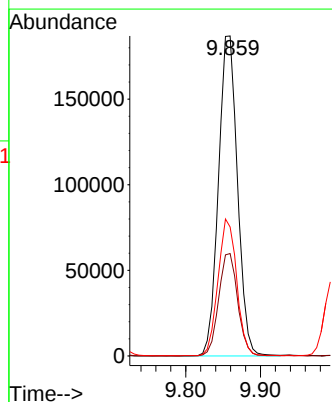
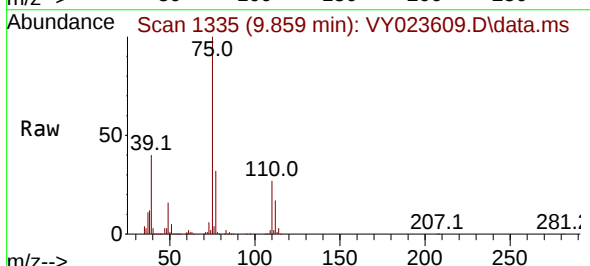
Manual Integrations
APPROVED

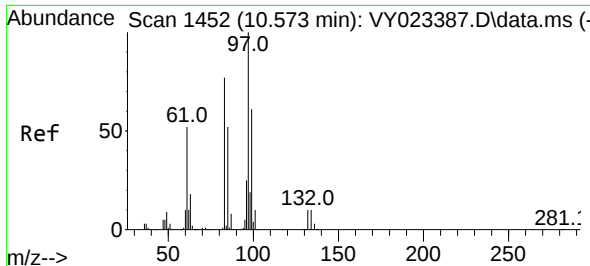
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#54
cis-1,3-Dichloropropene
Concen: 53.196 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

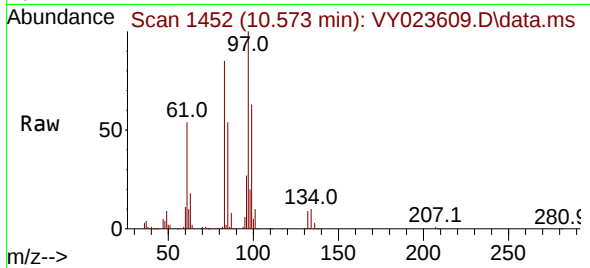
Tgt Ion: 75 Resp: 331292
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 40.2 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 53.180 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

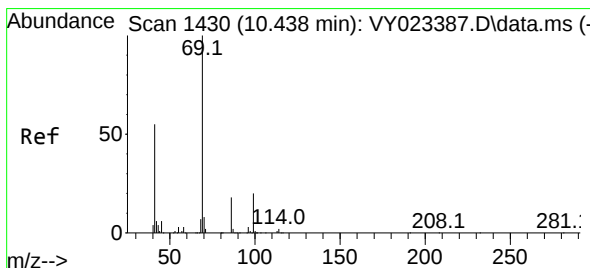
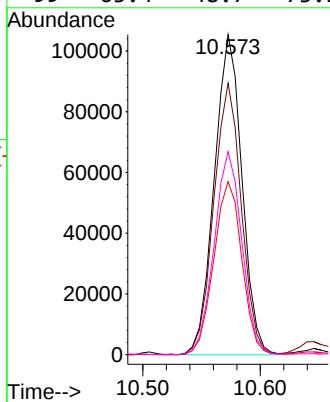
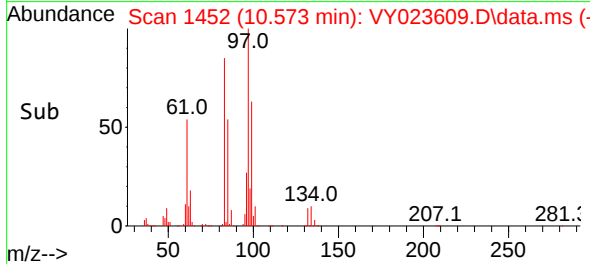


Tgt Ion: 97 Resp: 172310

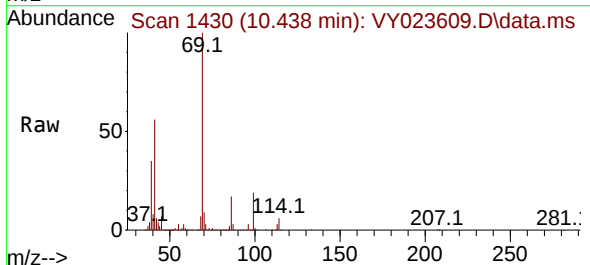
Ion	Ratio	Lower	Upper
97	100		
83	84.8	61.8	92.6
85	54.1	41.3	61.9
99	63.4	48.7	73.1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

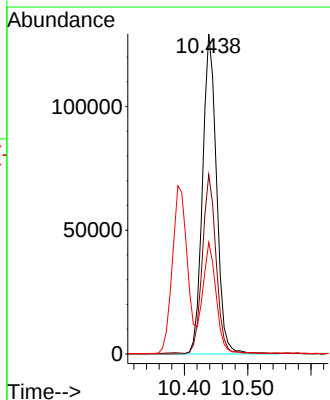
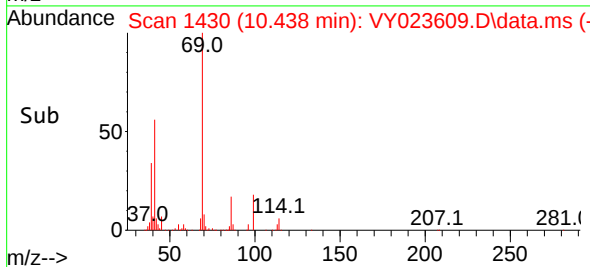


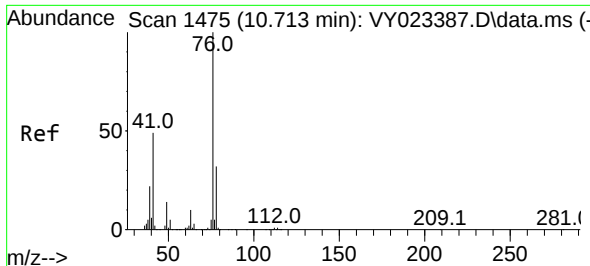
#56
Ethyl methacrylate
Concen: 53.322 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



Tgt Ion: 69 Resp: 199300

Ion	Ratio	Lower	Upper
69	100		
41	54.6	44.6	67.0
39	32.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 53.574 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 275080

Ion Ratio Lower Upper

76 100

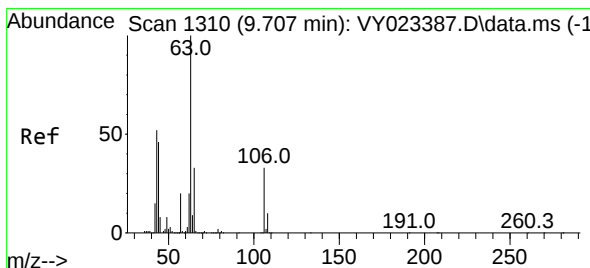
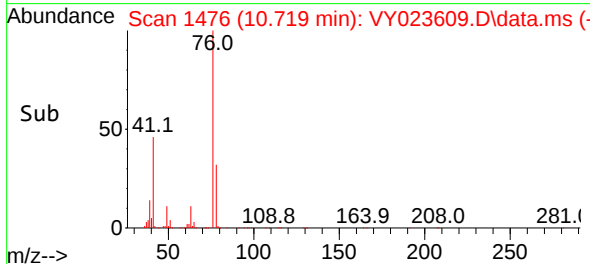
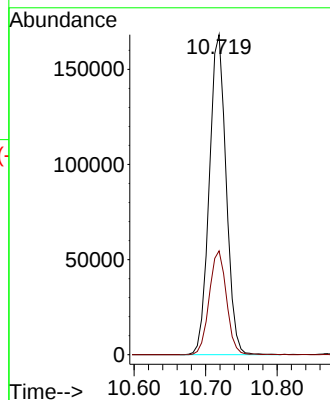
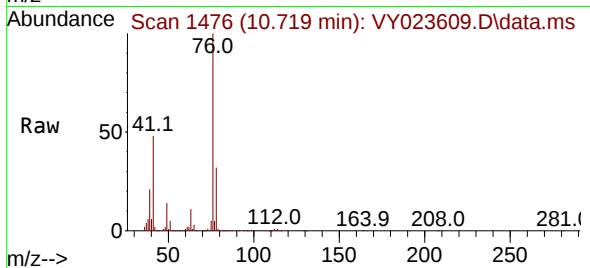
78 33.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 277.570 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023609.D

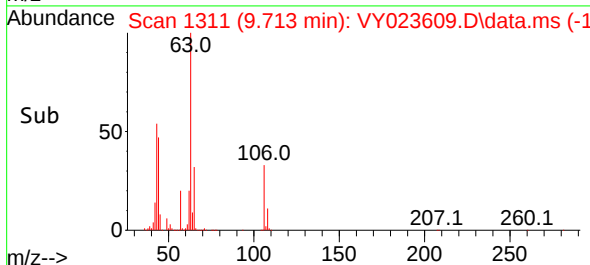
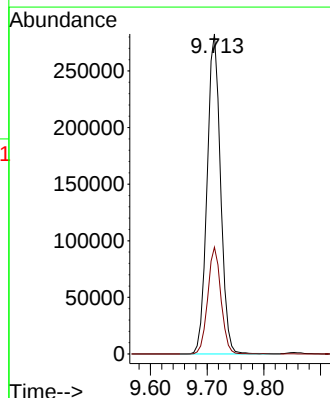
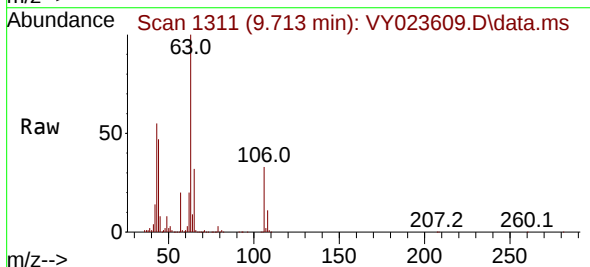
Acq: 28 Oct 2025 16:09

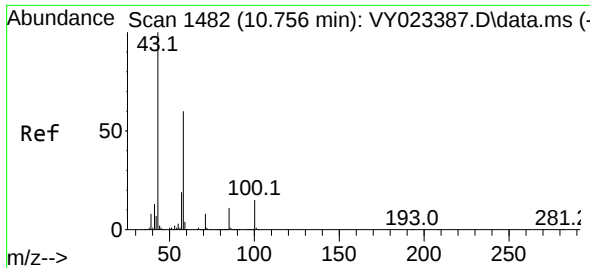
Tgt Ion: 63 Resp: 464756

Ion Ratio Lower Upper

63 100

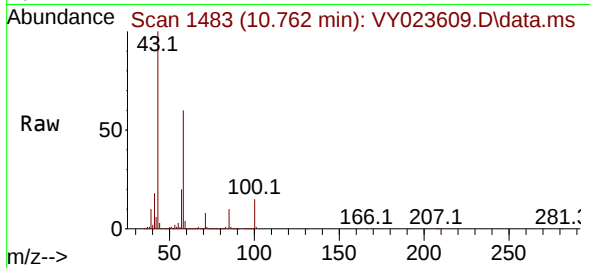
106 32.8 26.6 39.8





#59
2-Hexanone
Concen: 245.146 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

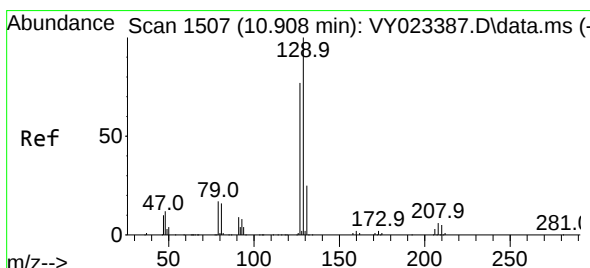
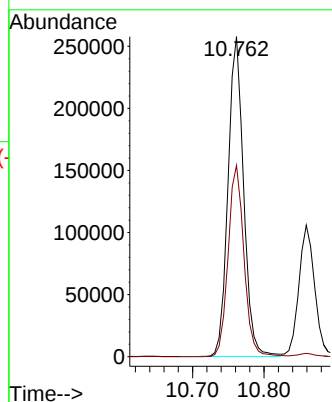
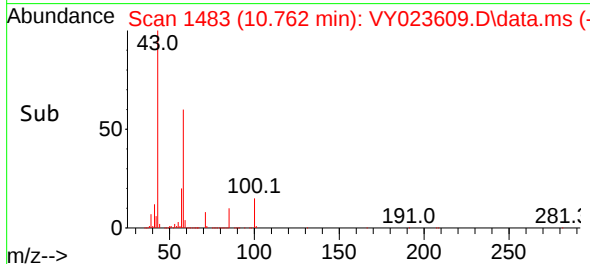
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



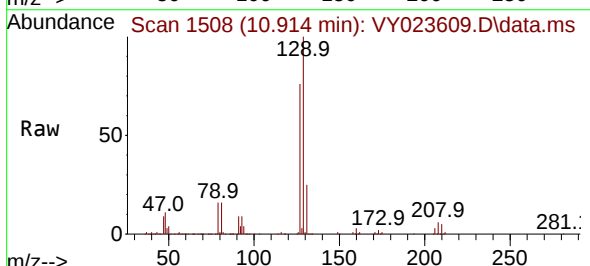
Tgt Ion: 43 Resp: 38953
Ion Ratio Lower Upper
43 100
58 60.8 30.5 91.5

Manual Integrations
APPROVED

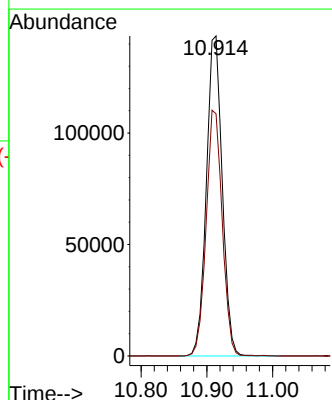
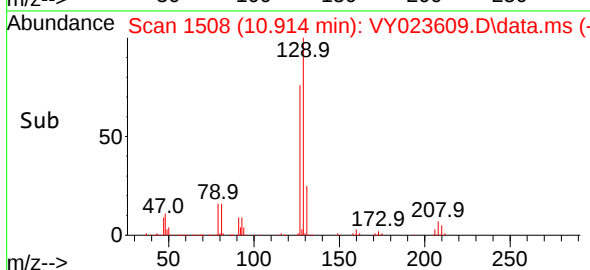
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

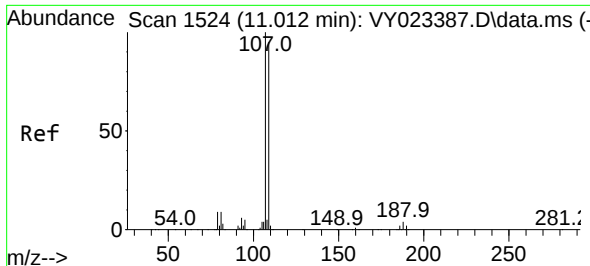


#60
Dibromochloromethane
Concen: 53.048 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



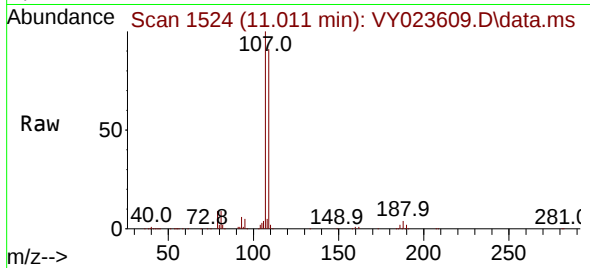
Tgt Ion:129 Resp: 240990
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.993 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

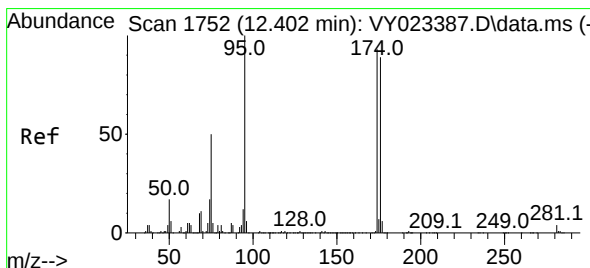
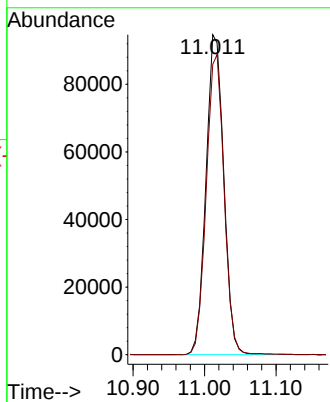
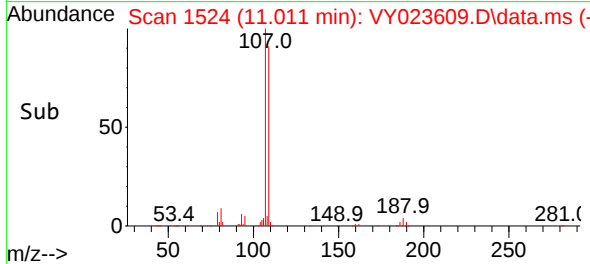
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



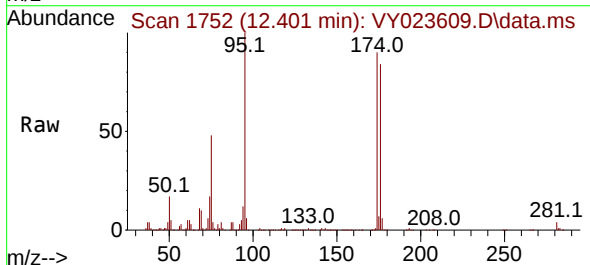
Tgt Ion:107 Resp: 16376
Ion Ratio Lower Upper
107 100
109 93.9 76.1 114.1

Manual Integrations
APPROVED

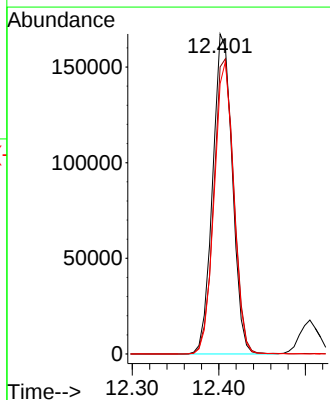
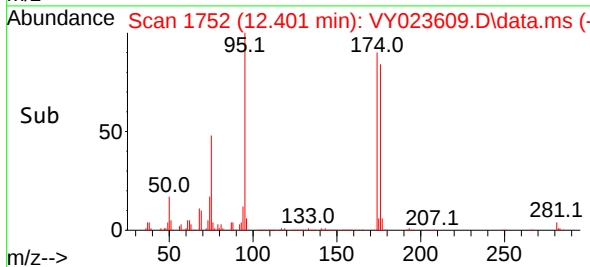
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#62
4-Bromofluorobenzene
Concen: 52.111 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



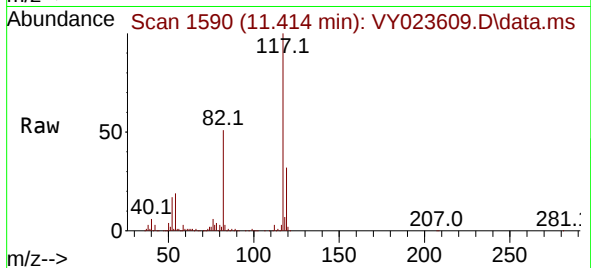
Tgt Ion: 95 Resp: 263642
Ion Ratio Lower Upper
95 100
174 94.3 0.0 192.8
176 90.5 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

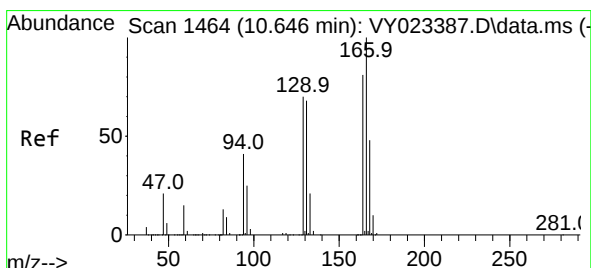
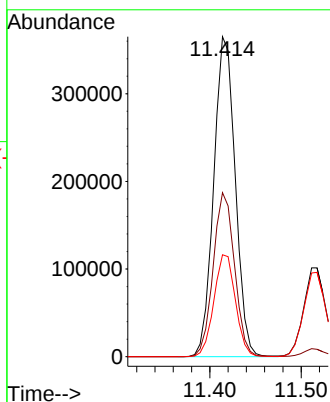
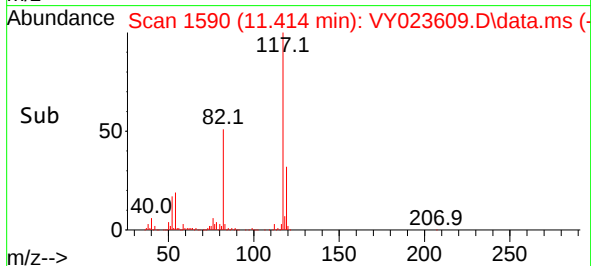
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



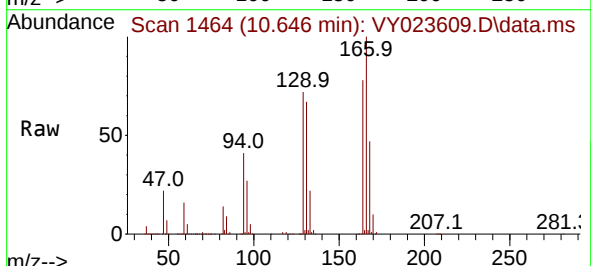
Tgt Ion:117 Resp: 597400
Ion Ratio Lower Upper
117 100
82 51.2 41.0 61.4
119 31.9 25.6 38.4

Manual Integrations
APPROVED

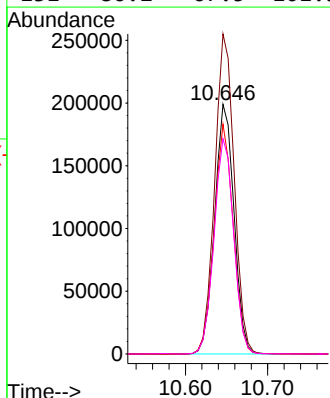
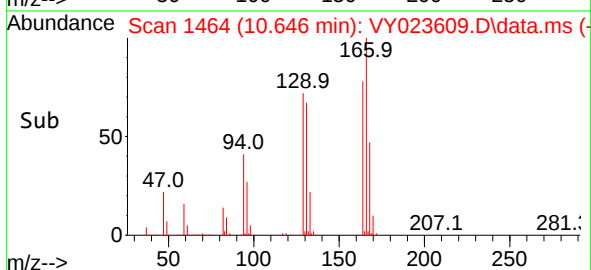
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

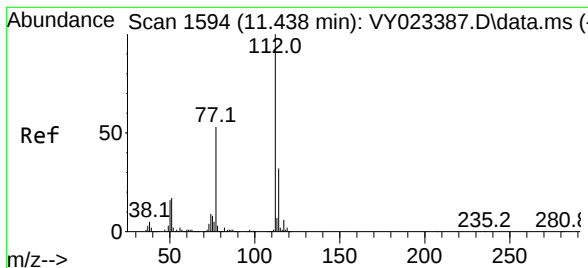


#64
Tetrachloroethene
Concen: 53.064 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



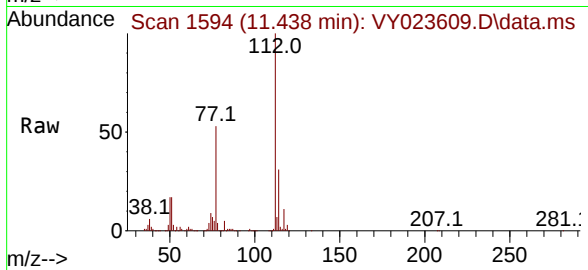
Tgt Ion:164 Resp: 327321
Ion Ratio Lower Upper
164 100
166 128.2 99.4 149.0
129 92.1 69.4 104.2
131 86.2 67.5 101.3





#65
Chlorobenzene
Concen: 52.673 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

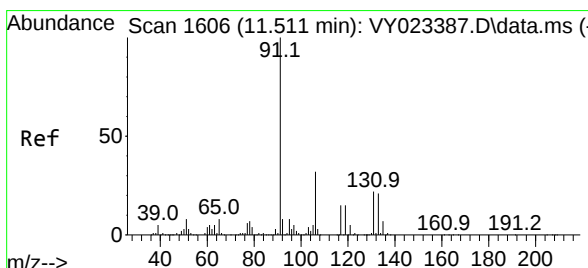
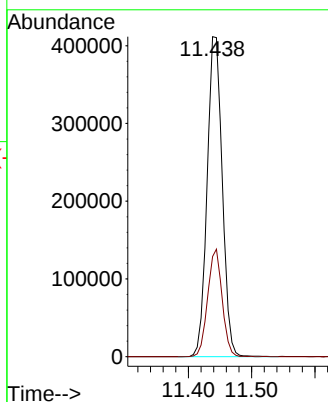
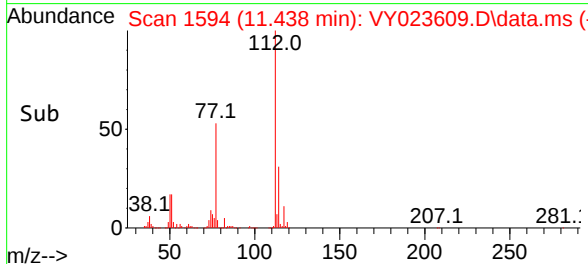
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



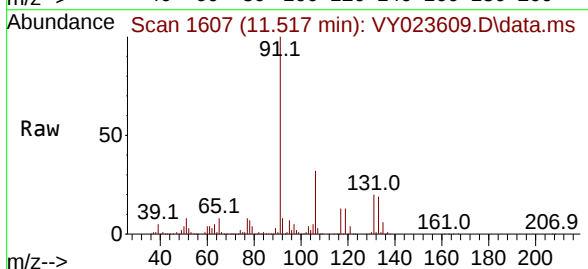
Tgt Ion:112 Resp: 68438
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

Manual Integrations
APPROVED

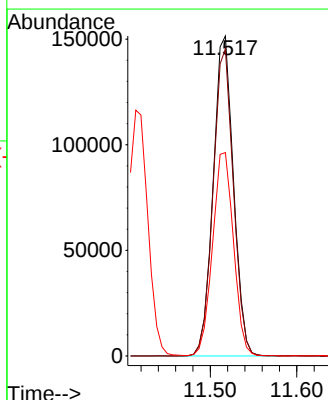
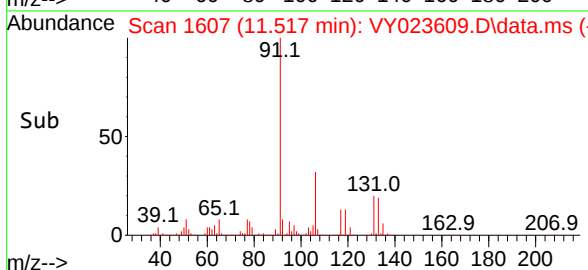
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

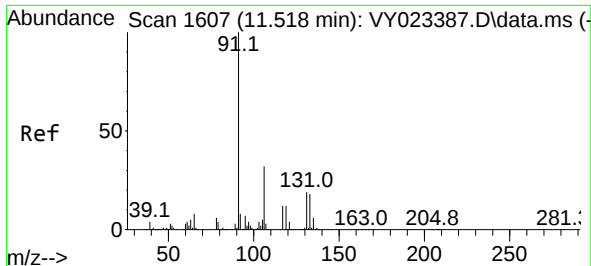


#66
1,1,1,2-Tetrachloroethane
Concen: 53.261 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



Tgt Ion:131 Resp: 246608
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.2
119 65.7 32.4 97.2





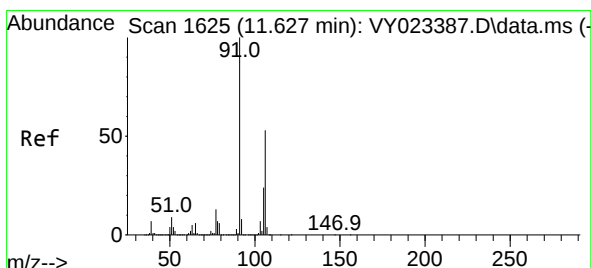
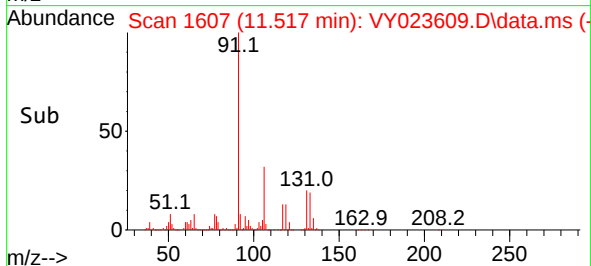
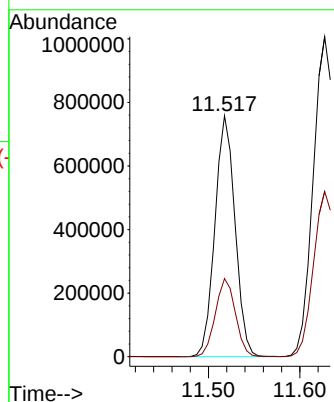
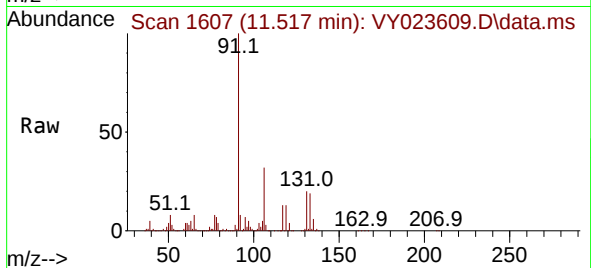
#67
Ethyl Benzene
Concen: 55.082 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1158480
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

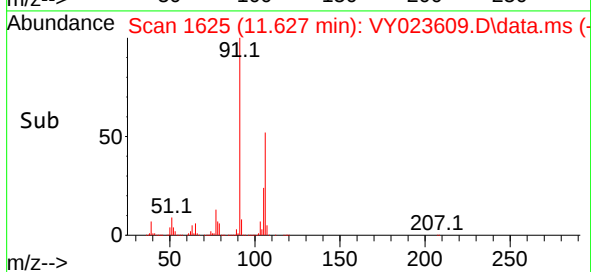
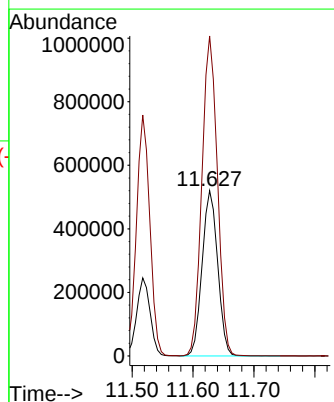
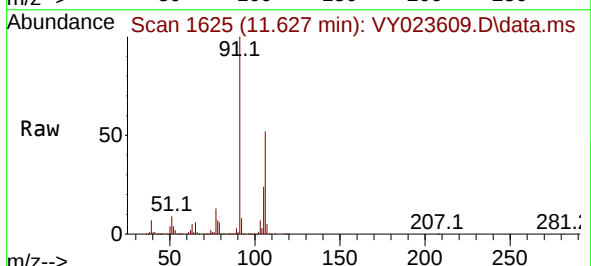
Manual Integrations
APPROVED

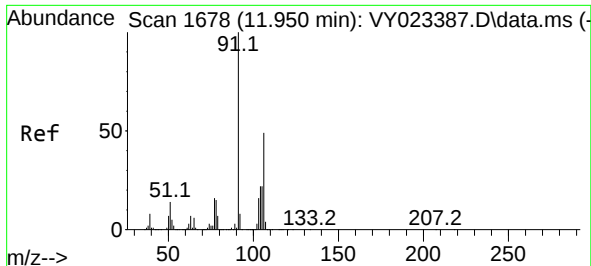
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#68
m/p-Xylenes
Concen: 109.439 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Tgt Ion:106 Resp: 923215
Ion Ratio Lower Upper
106 100
91 193.1 152.6 229.0





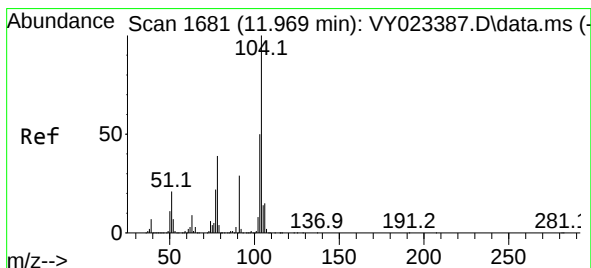
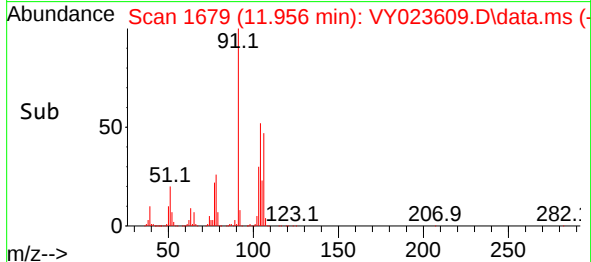
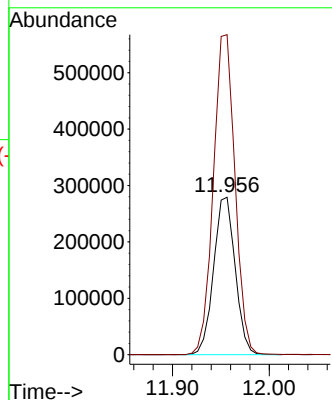
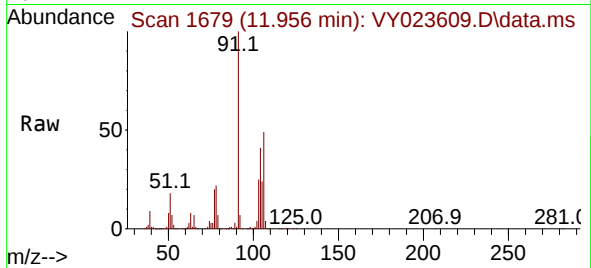
#69
o-Xylene
Concen: 54.667 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 432559
Ion Ratio Lower Upper
106 100
91 204.1 101.4 304.1

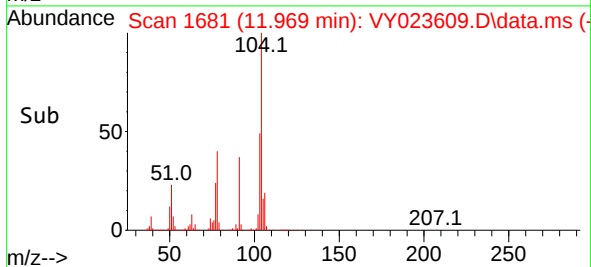
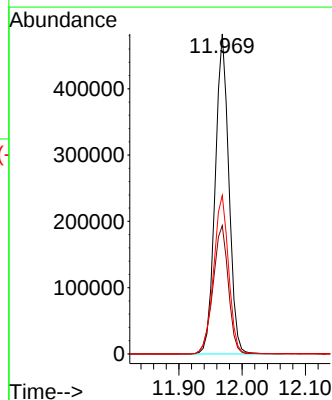
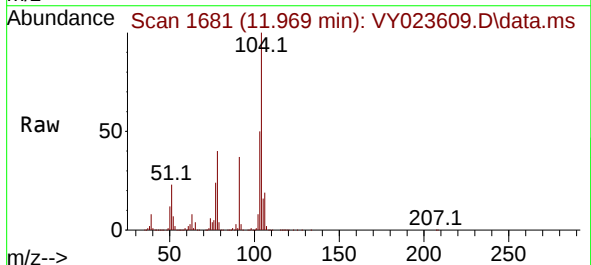
Manual Integrations
APPROVED

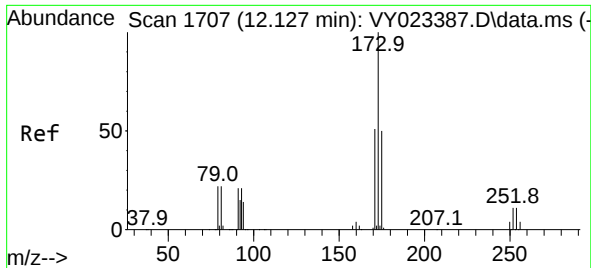
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#70
Styrene
Concen: 55.568 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

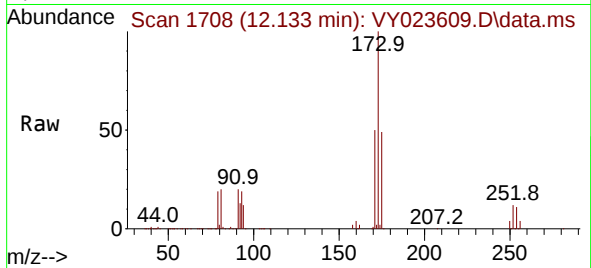
Tgt Ion:104 Resp: 723042
Ion Ratio Lower Upper
104 100
78 45.0 36.1 54.1
103 54.3 43.2 64.8





#71
Bromoform
Concen: 51.190 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

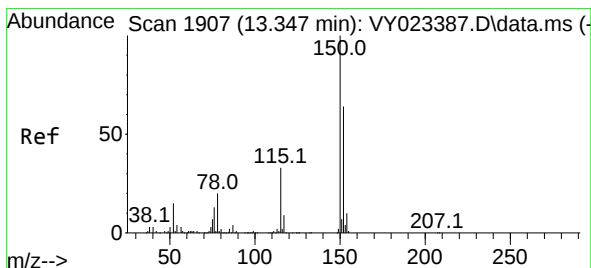
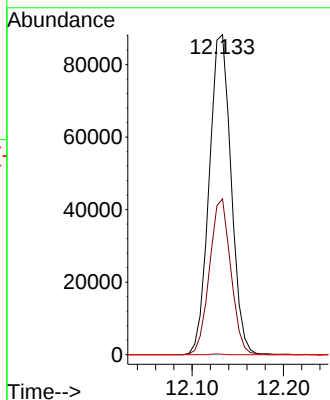
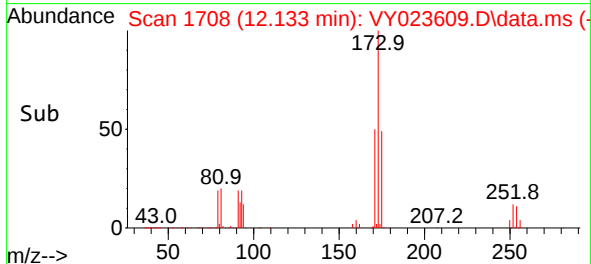
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



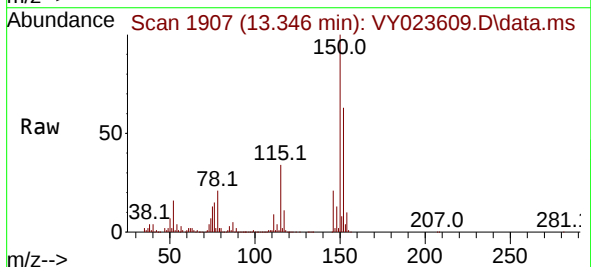
Tgt Ion:173 Resp: 14702
Ion Ratio Lower Upper
173 100
175 47.2 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

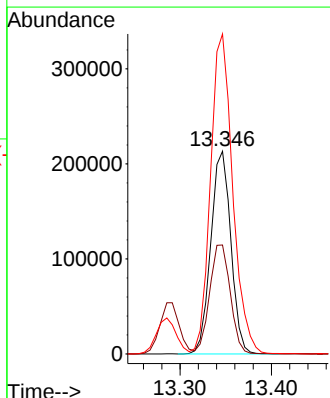
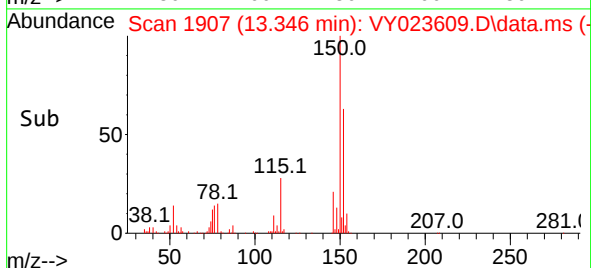
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

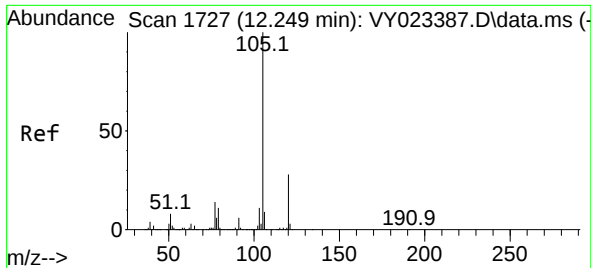


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



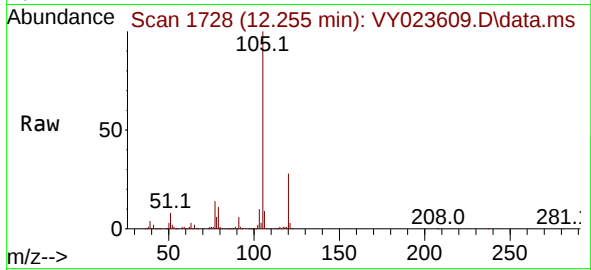
Tgt Ion:152 Resp: 325334
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.2
150 174.4 0.0 347.4





#73
Isopropylbenzene
Concen: 52.837 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

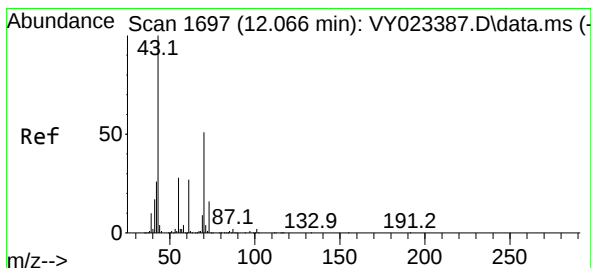
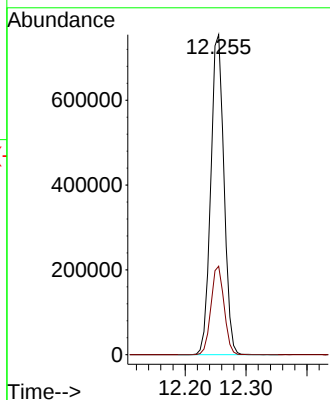
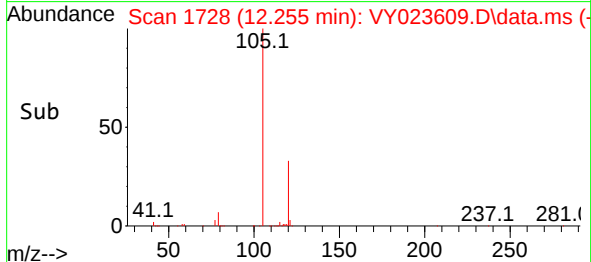
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 113282
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7

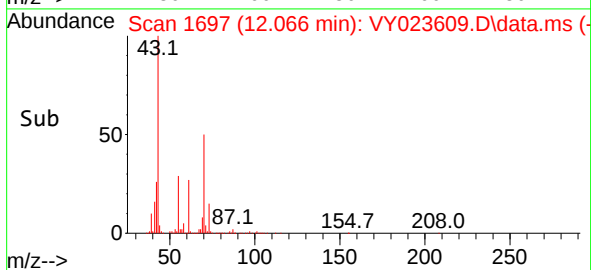
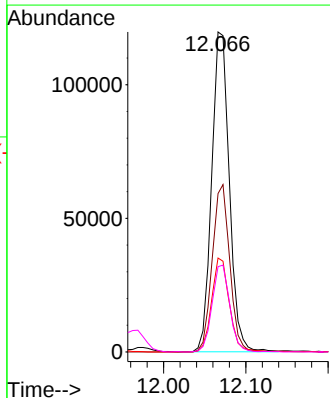
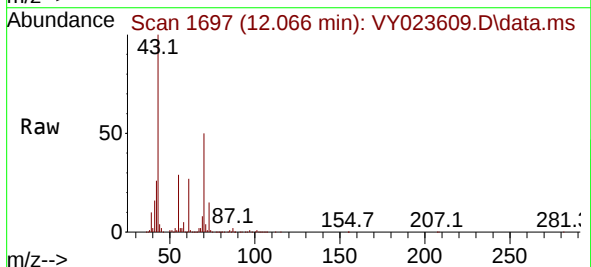
Manual Integrations
APPROVED

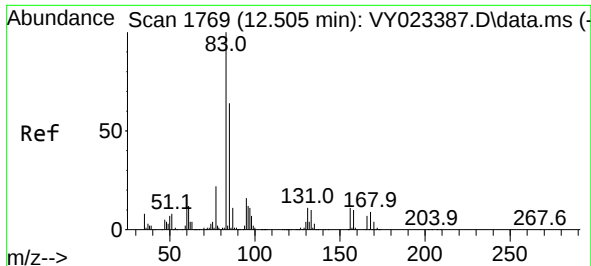
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#74
N-ethyl acetate
Concen: 46.392 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

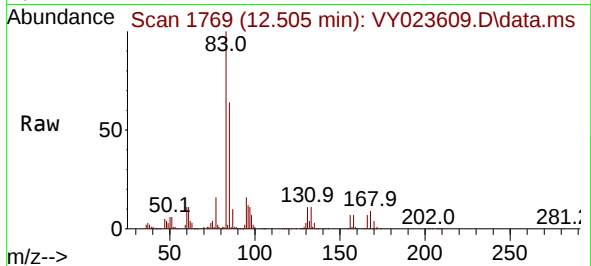
Tgt Ion: 43 Resp: 178651
Ion Ratio Lower Upper
43 100
70 52.3 41.1 61.7
55 29.5 23.0 34.6
61 27.4 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.959 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

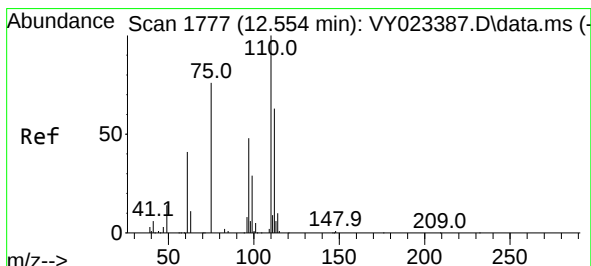
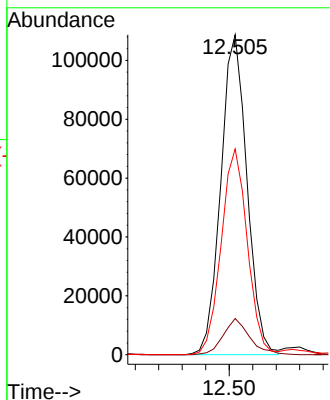
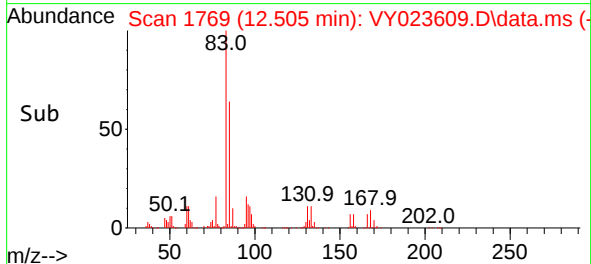
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



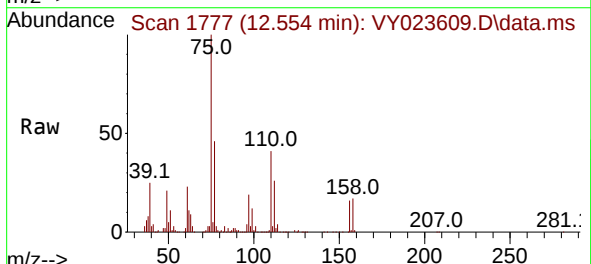
Tgt Ion: 83 Resp: 168170
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 64.3 31.8 95.3

Manual Integrations
APPROVED

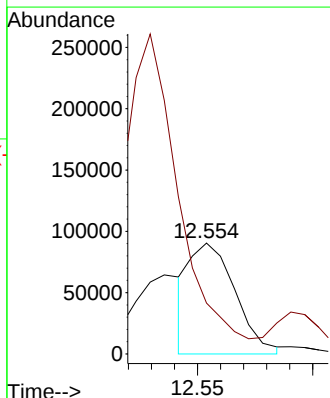
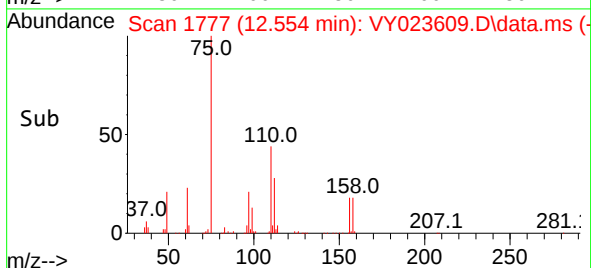
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

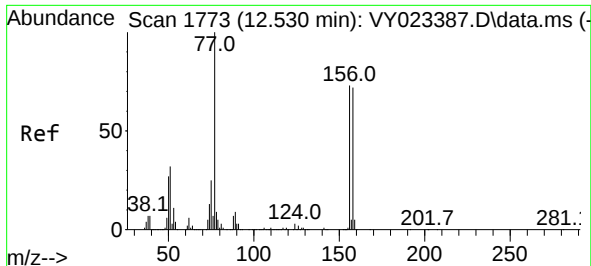


#76
1,2,3-Trichloropropane
Concen: 43.515 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



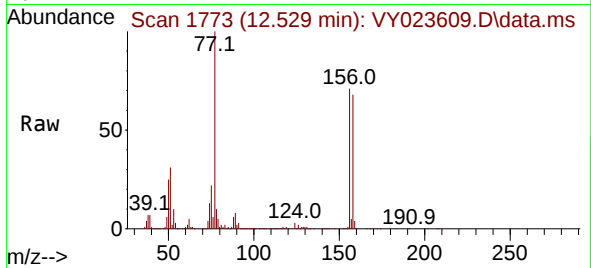
Tgt Ion: 75 Resp: 124901
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.848 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

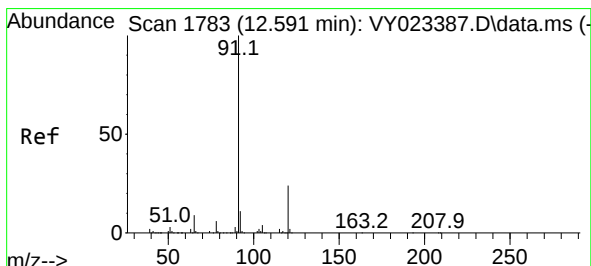
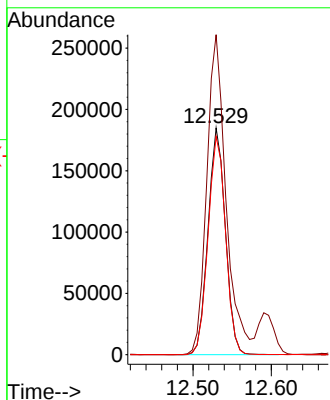
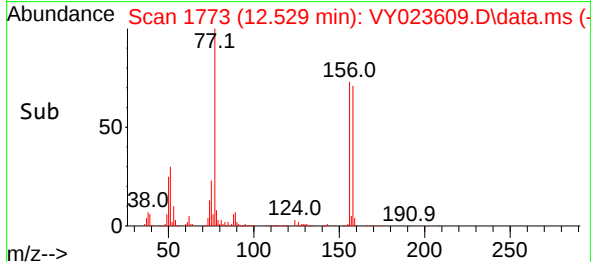
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



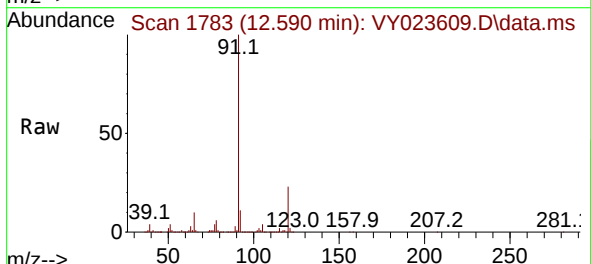
Tgt Ion:156 Resp: 28412
Ion Ratio Lower Upper
156 100
77 156.2 76.8 230.5
158 97.3 49.0 147.2

Manual Integrations
APPROVED

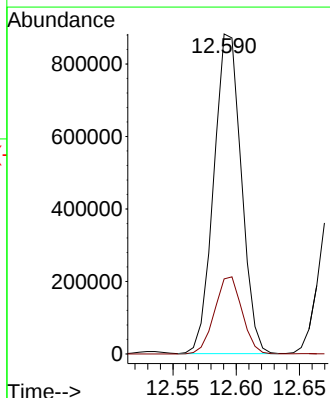
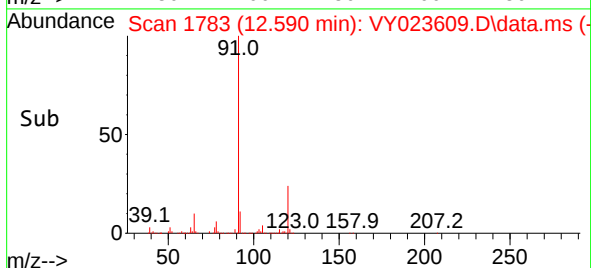
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

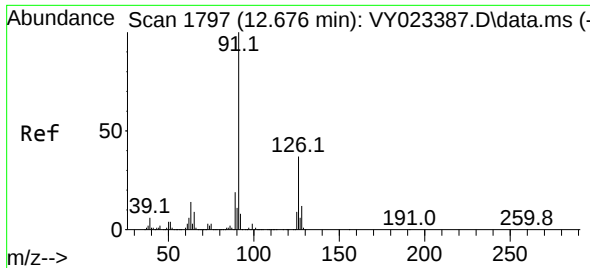


#78
n-propylbenzene
Concen: 53.782 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



Tgt Ion: 91 Resp: 1334362
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.8





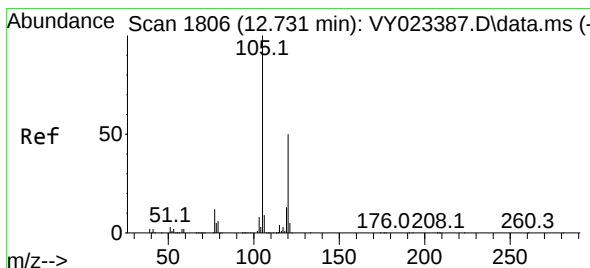
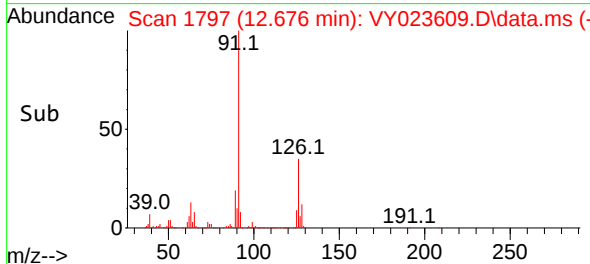
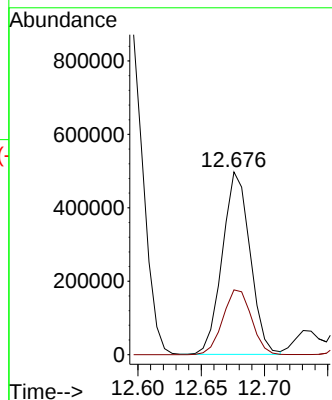
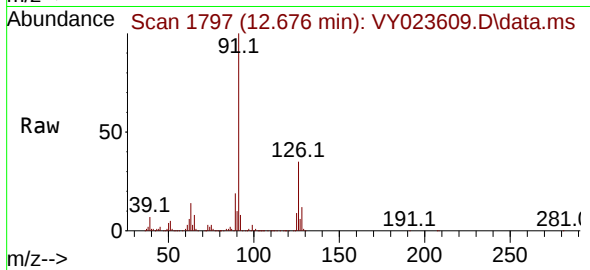
#79
2-Chlorotoluene
Concen: 52.293 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 759763
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5

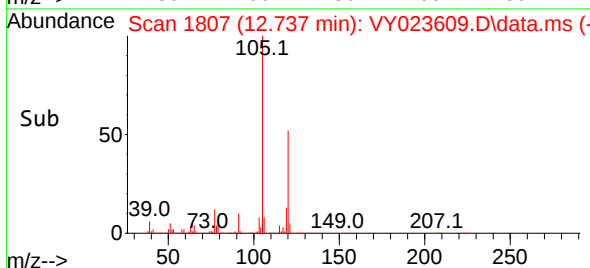
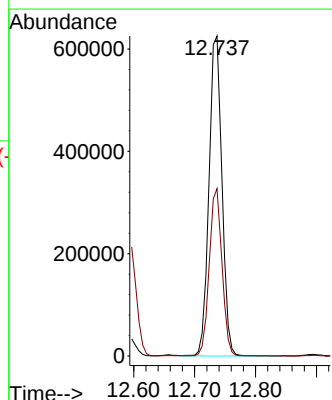
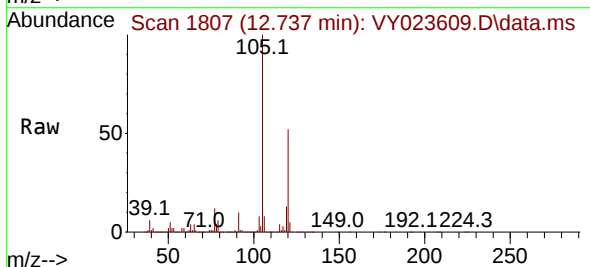
Manual Integrations
APPROVED

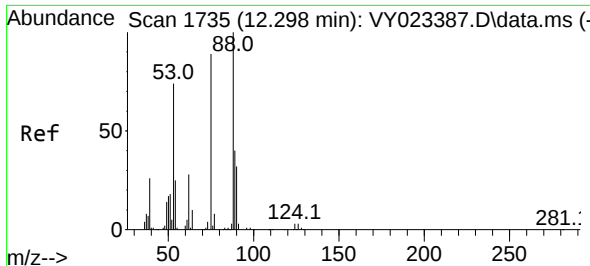
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.369 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

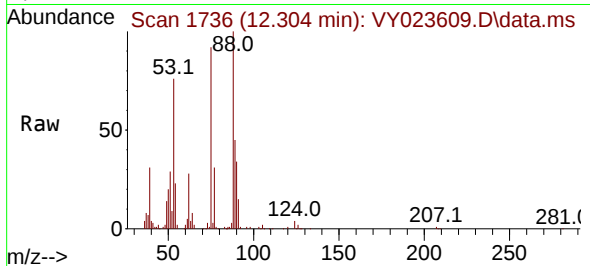
Tgt Ion:105 Resp: 924627
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.160 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

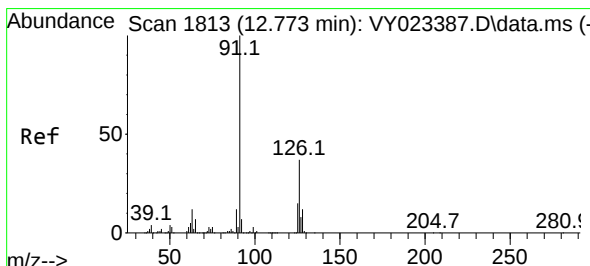
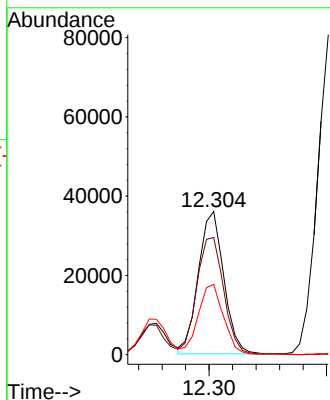
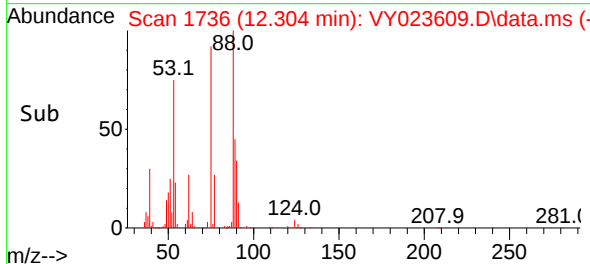
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5403
Ion Ratio Lower Upper
75 100
53 88.1 68.6 102.8
89 49.9 39.0 58.4

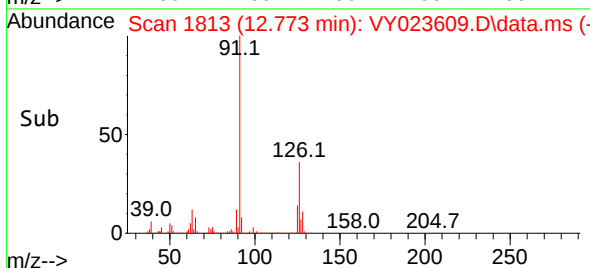
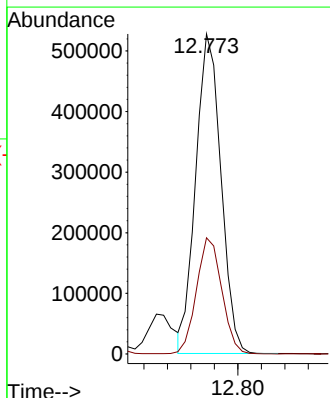
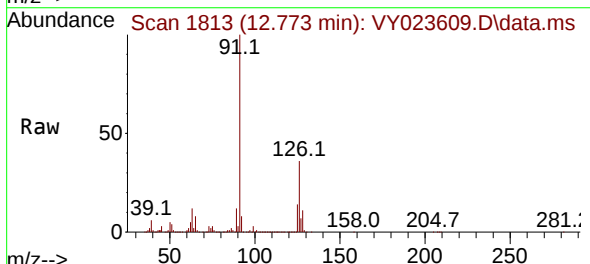
Manual Integrations
APPROVED

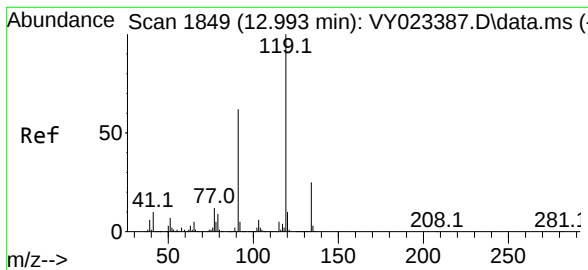
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#82
4-Chlorotoluene
Concen: 52.437 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

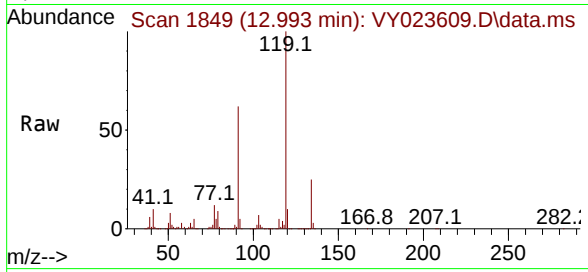
Tgt Ion: 91 Resp: 784620
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.4





#83
tert-Butylbenzene
Concen: 53.643 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

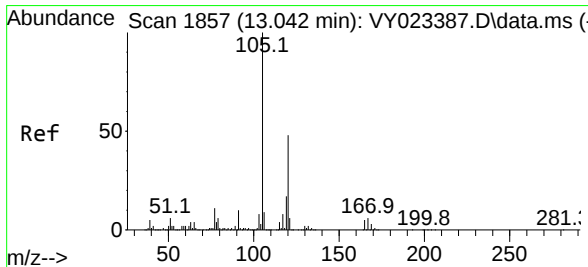
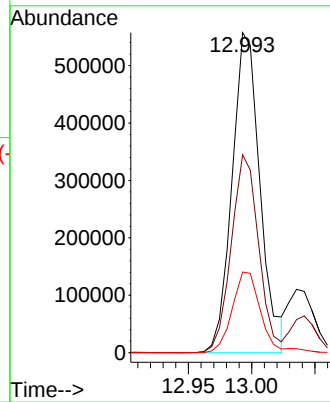
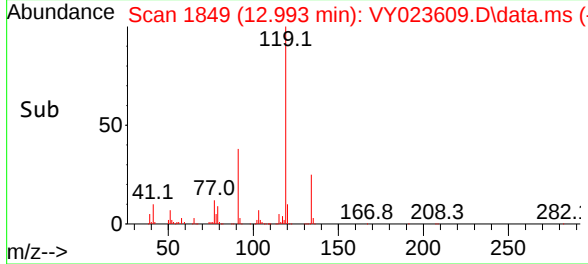
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC



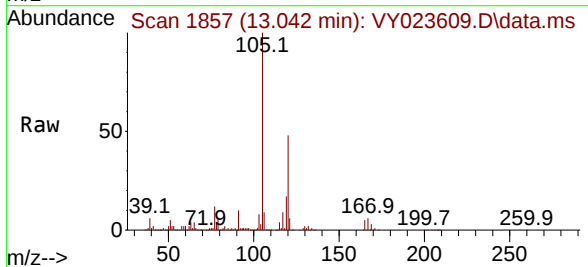
Tgt Ion:119 Resp: 85808
Ion Ratio Lower Upper
119 100
91 60.6 29.9 89.8
134 25.9 12.9 38.7

Manual Integrations
APPROVED

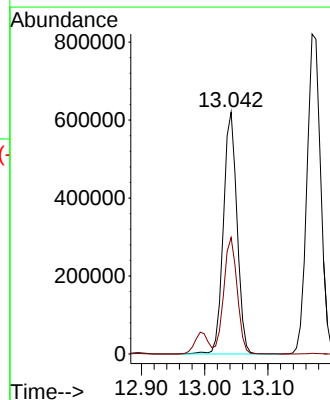
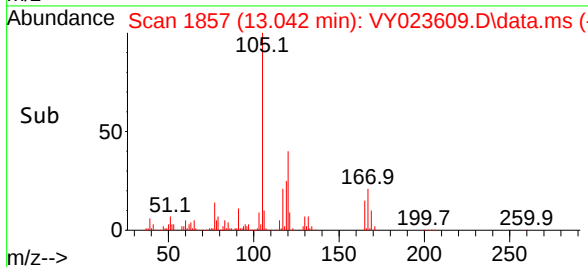
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

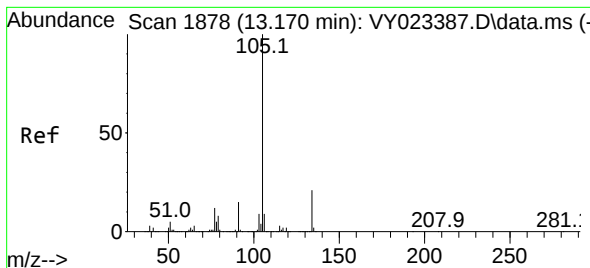


#84
1,2,4-Trimethylbenzene
Concen: 53.317 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



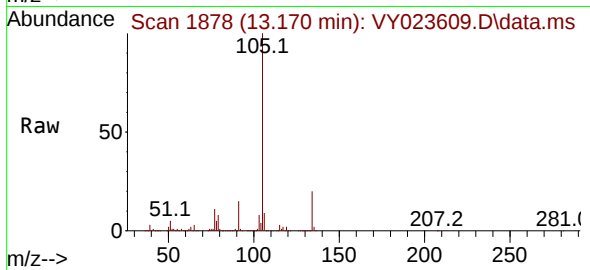
Tgt Ion:105 Resp: 921863
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 53.634 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09

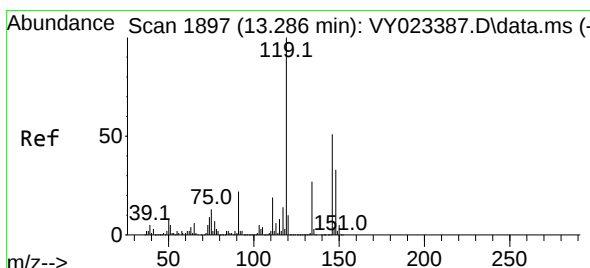
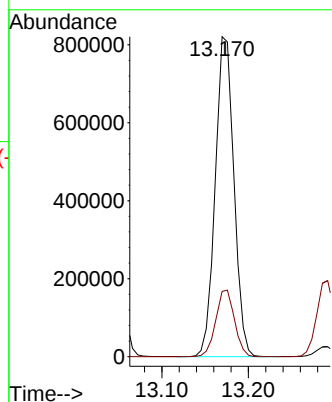
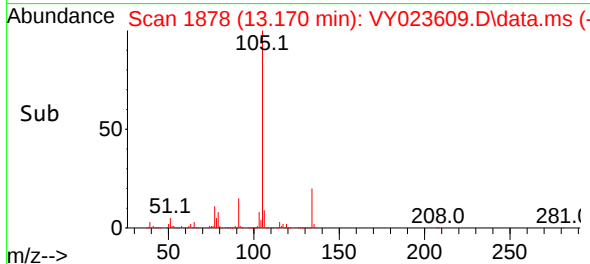
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



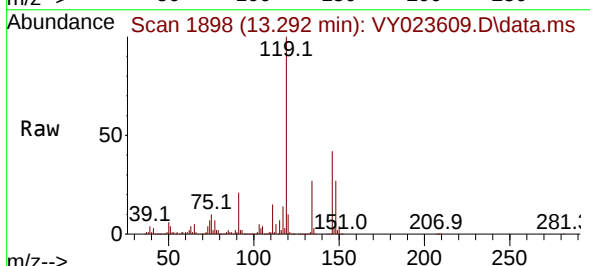
Tgt Ion:105 Resp: 1230720
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 32.1

Manual Integrations
 APPROVED

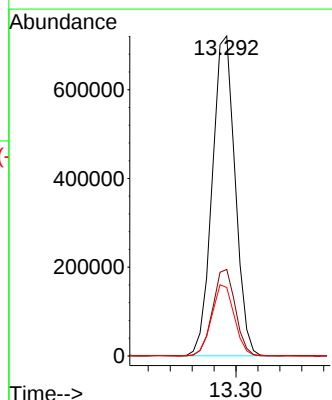
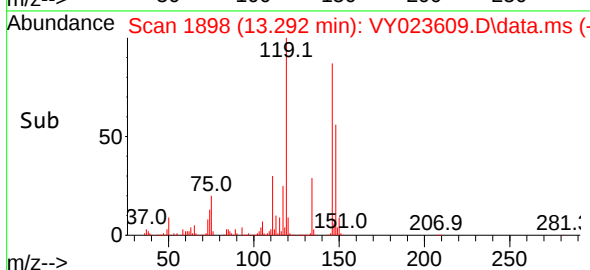
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#86
 p-Isopropyltoluene
 Concen: 53.467 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09



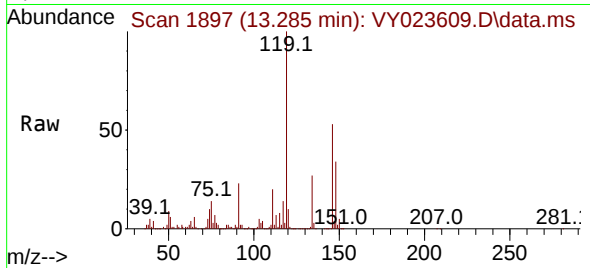
Tgt Ion:119 Resp: 1044600
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 21.9 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 50.201 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09

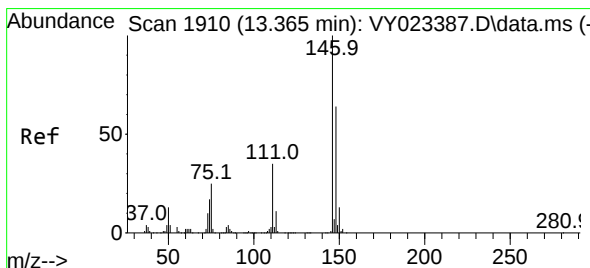
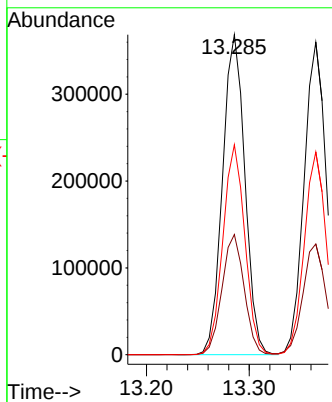
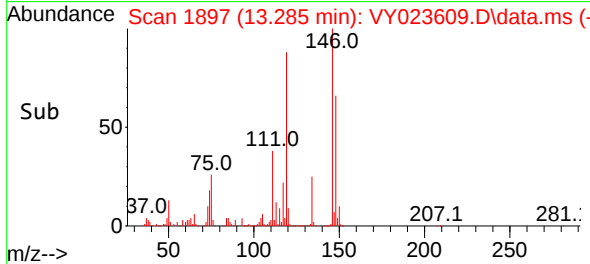
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



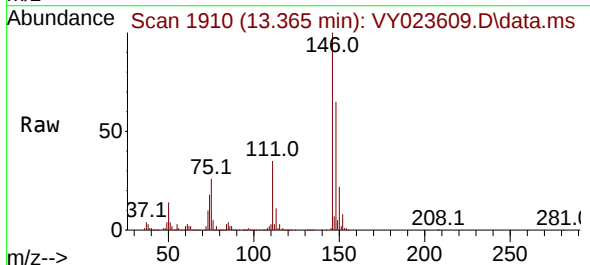
Tgt Ion:146 Resp: 557198
Ion Ratio Lower Upper
146 100
111 37.2 18.7 56.1
148 64.5 31.9 95.9

Manual Integrations
APPROVED

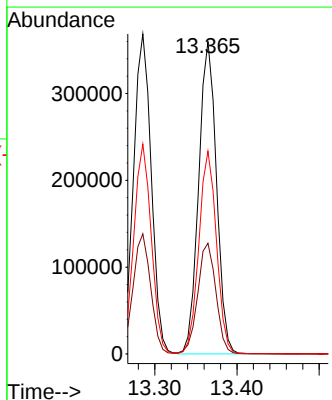
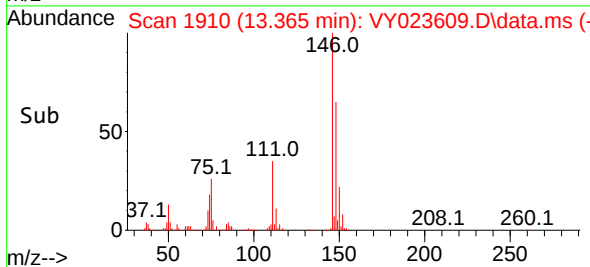
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

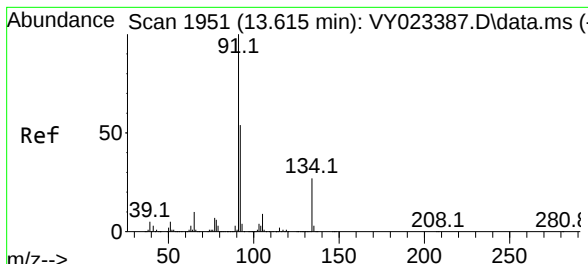


#88
1,4-Dichlorobenzene
Concen: 49.392 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023609.D
Acq: 28 Oct 2025 16:09



Tgt Ion:146 Resp: 541441
Ion Ratio Lower Upper
146 100
111 36.2 18.0 54.0
148 64.3 31.9 95.7





#89
 n-Butylbenzene
 Concen: 53.660 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09

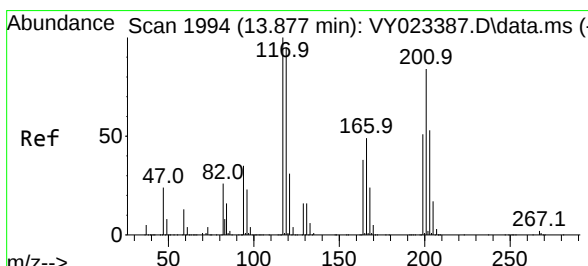
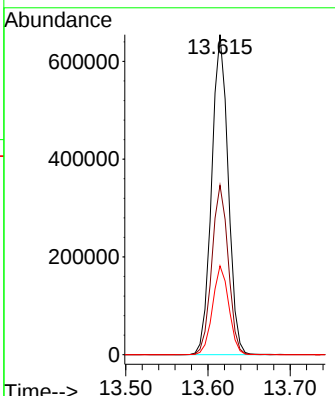
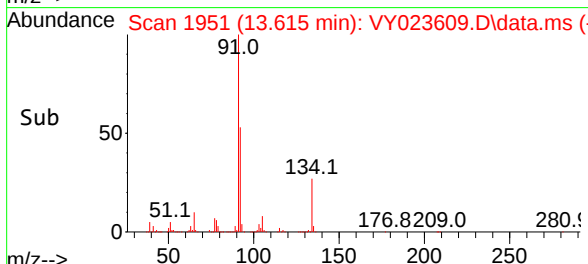
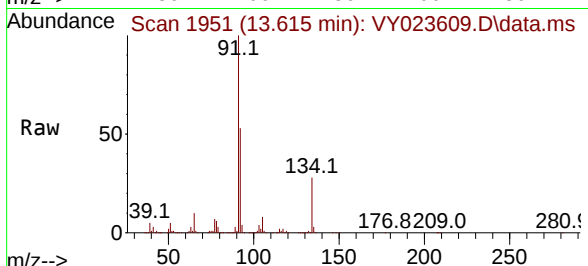
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 91 Resp: 913478

Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.0	80.8
134	27.4	14.1	42.2

Manual Integrations
 APPROVED

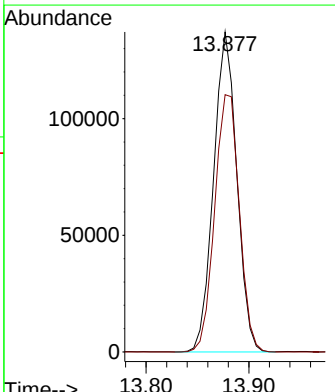
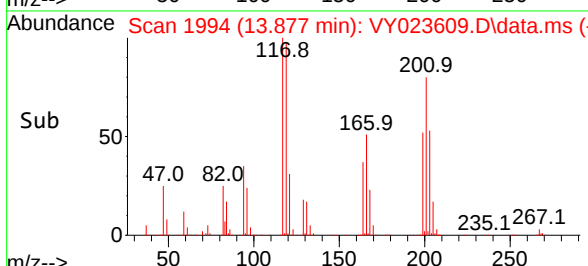
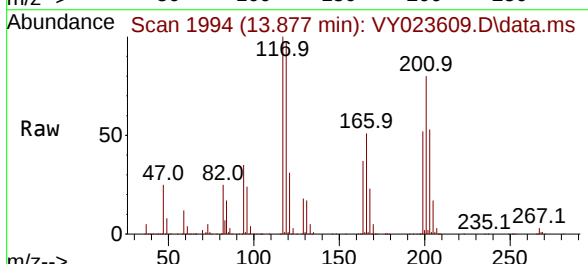
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

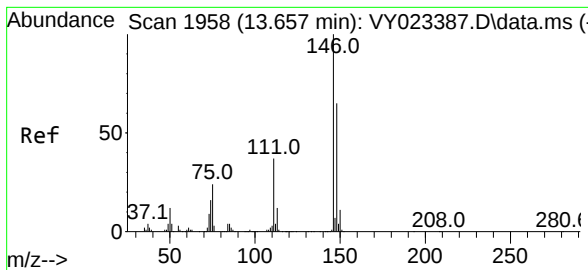


#90
 Hexachloroethane
 Concen: 51.218 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09

Tgt Ion:117 Resp: 215224

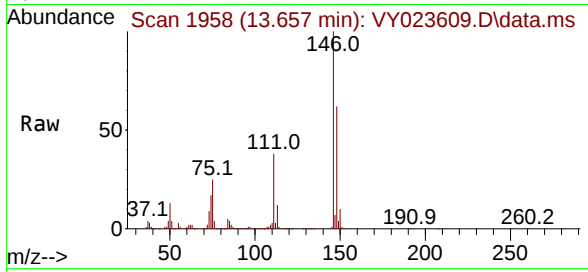
Ion	Ratio	Lower	Upper
117	100		
201	85.2	43.8	131.4





#91
 1,2-Dichlorobenzene
 Concen: 50.183 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09

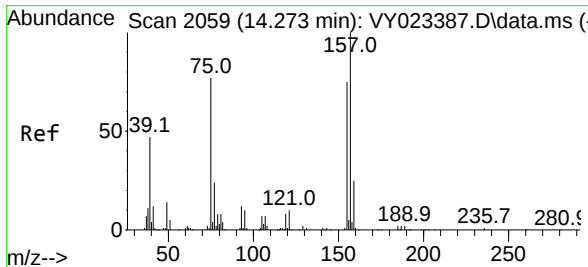
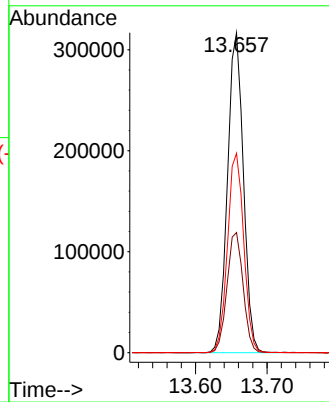
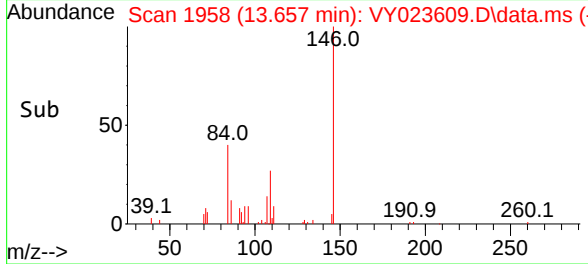
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC



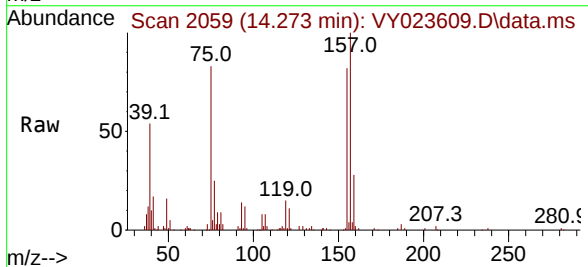
Tgt Ion:146 Resp: 48833
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 63.8 32.1 96.3

Manual Integrations
 APPROVED

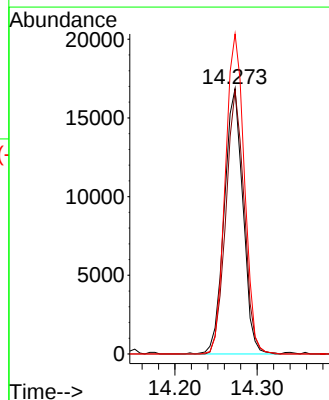
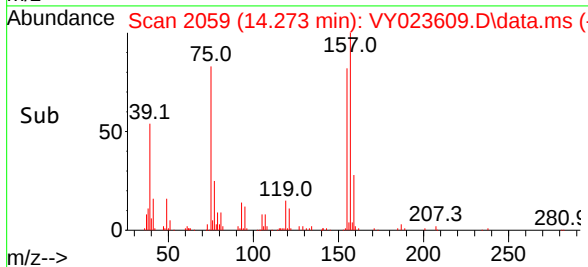
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

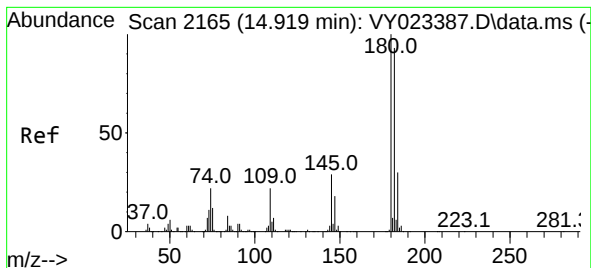


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.316 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023609.D
 Acq: 28 Oct 2025 16:09



Tgt Ion: 75 Resp: 26649
 Ion Ratio Lower Upper
 75 100
 155 96.9 50.0 150.0
 157 122.3 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 48.105 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023609.D

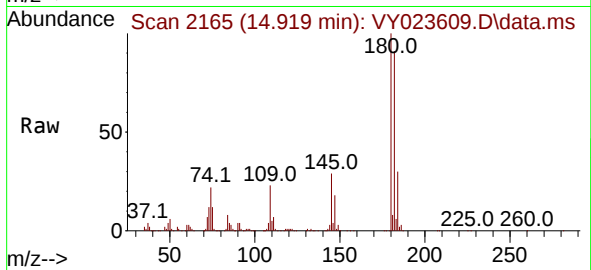
Acq: 28 Oct 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 29183

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.6

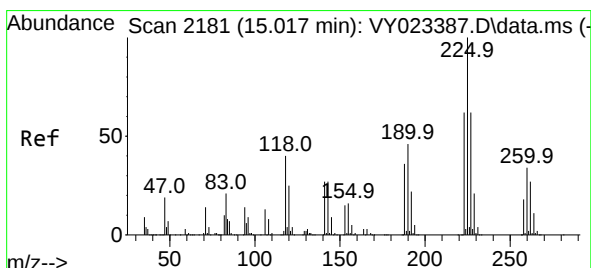
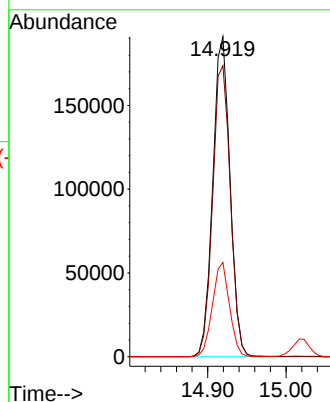
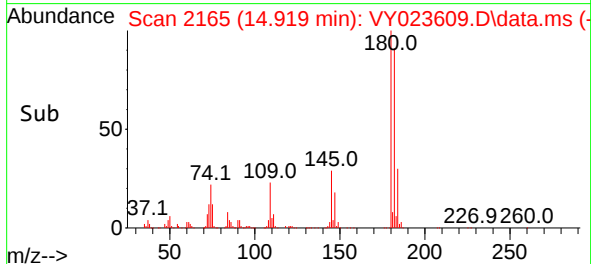
145 29.1 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#94

Hexachlorobutadiene

Concen: 48.395 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

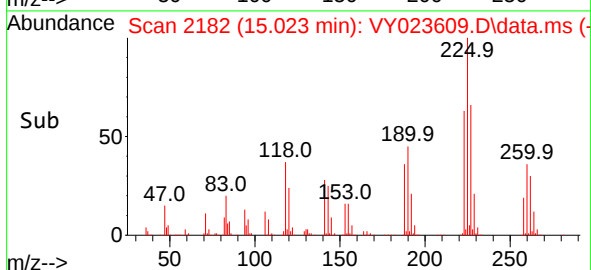
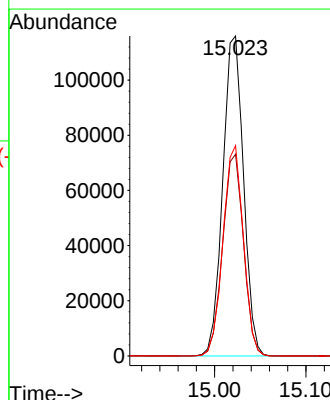
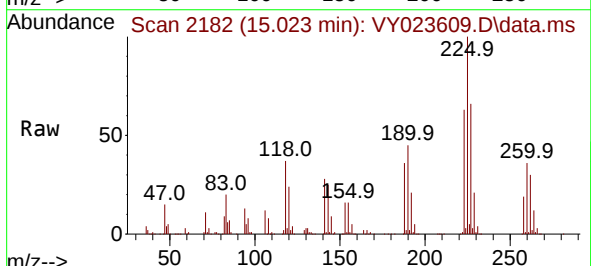
Tgt Ion:225 Resp: 183013

Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 64.8 31.9 95.7





#95

Naphthalene

Concen: 46.146 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 445780

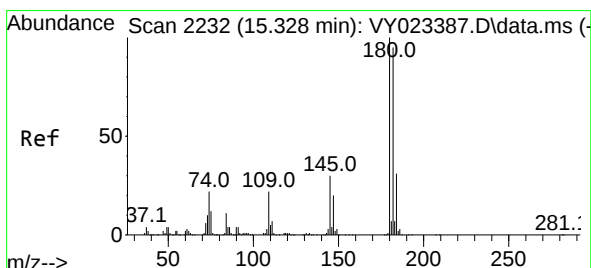
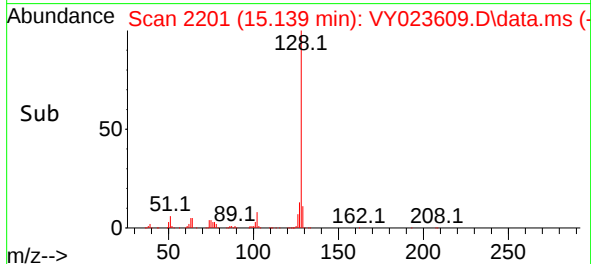
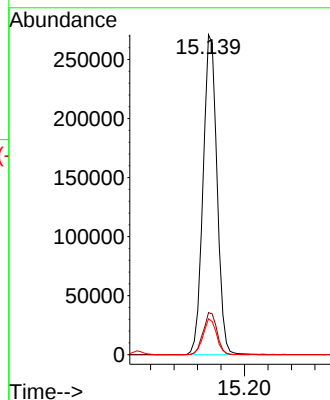
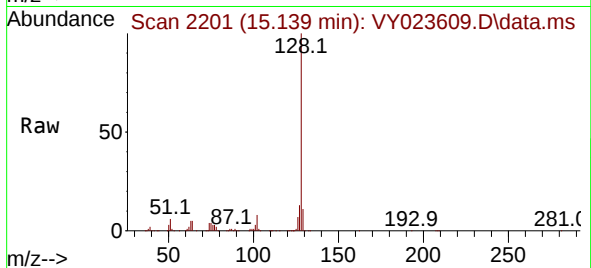
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.885 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023609.D

Acq: 28 Oct 2025 16:09

Tgt Ion:180 Resp: 251620

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	30.4	15.3	45.9

