

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023616.D
 Acq On : 29 Oct 2025 11:37
 Operator : SY/MD
 Sample : Q3419-03MSD
 Misc : 3.34g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 03:15:47 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

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	124919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	175715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98840	94.621	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 189.240%#			
35) Dibromofluoromethane	7.634	113	98078	90.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 181.680%#			
50) Toluene-d8	10.103	98	271167	67.440	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 134.880%#			
62) 4-Bromofluorobenzene	12.401	95	60401	45.500	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	105699	117.554	ug/l	99
3) Chloromethane	2.074	50	141002	115.115	ug/l	100
4) Vinyl Chloride	2.208	62	194376	121.835	ug/l	99
5) Bromomethane	2.598	94	137772	102.904	ug/l	100
6) Chloroethane	2.739	64	133975	123.195	ug/l	99
7) Trichlorofluoromethane	3.062	101	265848	120.012	ug/l	100
8) Diethyl Ether	3.458	74	73003	126.120	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	126280	109.857	ug/l	99
10) Methyl Iodide	4.007	142	114150	89.202	ug/l	99
11) Tert butyl alcohol	4.854	59	115561	1487.051	ug/l	99
12) 1,1-Dichloroethene	3.793	96	129894	116.569	ug/l	91
13) Acrolein	3.647	56	4044	36.828	ug/l	94
14) Allyl chloride	4.391	41	134362	98.939	ug/l	97
15) Acrylonitrile	5.061	53	174466	787.594	ug/l	99
16) Acetone	3.866	43	319167	1283.423	ug/l	97
17) Carbon Disulfide	4.110	76	344619	108.056	ug/l	99
18) Methyl Acetate	4.385	43	167877	257.342	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	356527	133.124	ug/l	99
20) Methylene Chloride	4.622	84	168682	125.439	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	124151	101.197	ug/l	99
22) Diisopropyl ether	6.018	45	374163	124.558	ug/l	96
23) Vinyl Acetate	5.964	43	519871	319.734	ug/l	99
24) 1,1-Dichloroethane	5.915	63	239273	120.249	ug/l	98
25) 2-Butanone	6.896	43	214446	706.335	ug/l	96
26) 2,2-Dichloropropane	6.890	77	222353	121.781	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	156520	110.449	ug/l	99
28) Bromochloromethane	7.250	49	57755	77.750	ug/l	95
29) Tetrahydrofuran	7.262	42	120023	697.141	ug/l	99
30) Chloroform	7.421	83	253975	116.172	ug/l	97
31) Cyclohexane	7.707	56	110231	63.435	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	218633	110.046	ug/l	99
36) 1,1-Dichloropropene	7.835	75	141124	98.730	ug/l	100
37) Ethyl Acetate	6.982	43	80150	141.536	ug/l	98
38) Carbon Tetrachloride	7.817	117	171587	98.999	ug/l	99
39) Methylcyclohexane	9.109	83	73219	39.342	ug/l	97
40) Benzene	8.079	78	503297	111.182	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	42546	138.917	ug/l	90
42) 1,2-Dichloroethane	8.158	62	147673	126.491	ug/l	100
43) Isopropyl Acetate	8.201	43	156279	138.400	ug/l	99
44) Trichloroethene	8.865	130	121199	91.476	ug/l	98
45) 1,2-Dichloropropane	9.140	63	115578	115.595	ug/l	99
46) Dibromomethane	9.231	93	76685	121.291	ug/l	97
47) Bromodichloromethane	9.426	83	179091	112.472	ug/l	98
48) Methyl methacrylate	9.225	41	68352	128.849	ug/l	99
49) 1,4-Dioxane	9.225	88	15194	2072.760	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	394641	676.438	ug/l	98
52) Toluene	10.170	92	260686	88.694	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	130012	93.903	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	155501	95.161	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	98323	115.647	ug/l	96
56) Ethyl methacrylate	10.438	69	109530	111.683	ug/l	99
57) 1,3-Dichloropropane	10.719	76	152667	113.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	292322	665.373	ug/l	100
59) 2-Hexanone	10.761	43	231914	556.240	ug/l	98
60) Dibromochloromethane	10.914	129	122320	102.618	ug/l	100
61) 1,2-Dibromoethane	11.011	107	87598	108.035	ug/l	96
64) Tetrachloroethene	10.646	164	98826	77.939	ug/l	95
65) Chlorobenzene	11.444	112	244186	91.424	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	102295	107.477	ug/l	99
67) Ethyl Benzene	11.517	91	351558	81.315	ug/l	99
68) m/p-Xylenes	11.627	106	268938	155.088	ug/l	98
69) o-Xylene	11.956	106	127957	78.669	ug/l	97
70) Styrene	11.969	104	202720	75.790	ug/l	98
71) Bromoform	12.133	173	63736	107.956	ug/l	100
73) Isopropylbenzene	12.255	105	243361	100.109	ug/l	99
74) N-amyl acetate	12.072	43	55306	126.663	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	76844	193.269	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	69383m	213.191	ug/l	
77) Bromobenzene	12.529	156	80798	125.021	ug/l	93
78) n-propylbenzene	12.590	91	232536	82.661	ug/l	100
79) 2-Chlorotoluene	12.676	91	162734	98.785	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	154594	78.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17469	131.625	ug/l	97
82) 4-Chlorotoluene	12.773	91	157386	92.767	ug/l	99
83) tert-Butylbenzene	12.993	119	126558	69.777	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	153245	78.168	ug/l	97
85) sec-Butylbenzene	13.176	105	142673	54.836	ug/l	99
86) p-Isopropyltoluene	13.292	119	112180	50.640	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	94698	75.247	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	90343	72.685	ug/l	98
89) n-Butylbenzene	13.615	91	76487	39.626	ug/l	99
90) Hexachloroethane	13.877	117	22801	47.856	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	83634	75.800	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7845	120.250	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	19255	27.993	ug/l	98
94) Hexachlorobutadiene	15.023	225	6104	14.236	ug/l	98
95) Naphthalene	15.145	128	47992	43.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	15159	25.443	ug/l	97

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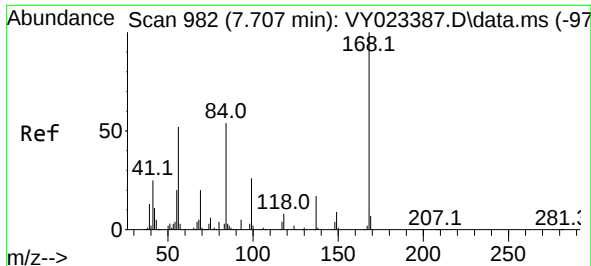
Manual Integrations
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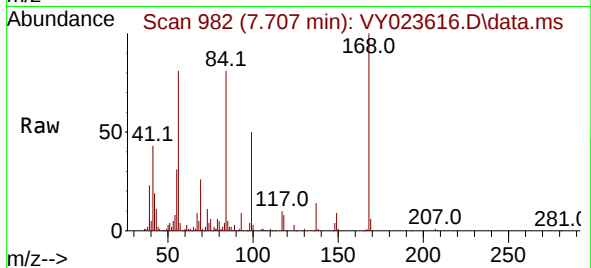
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023616.D
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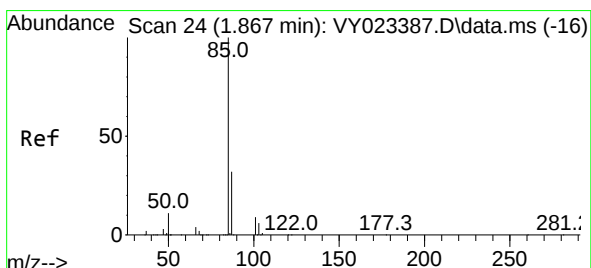
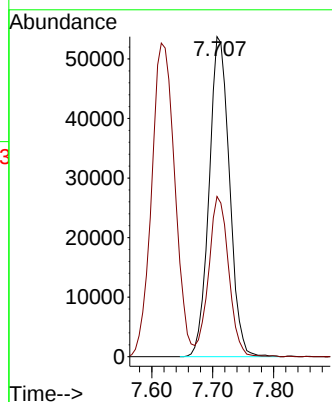
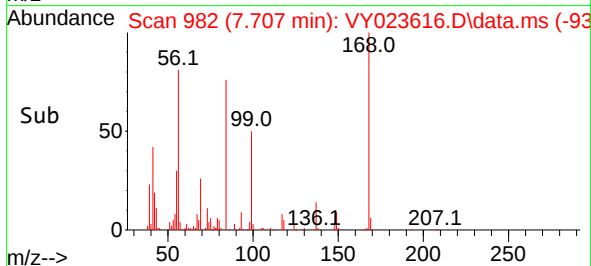
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Tgt Ion:168 Resp: 124919
Ion Ratio Lower Upper
168 100
99 50.0 39.7 59.5

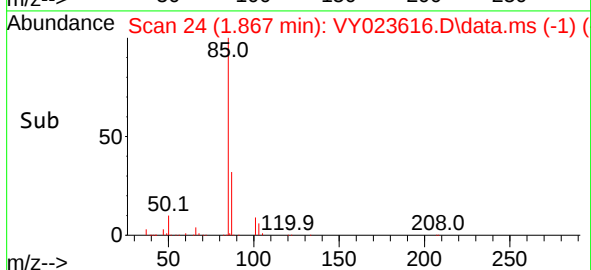
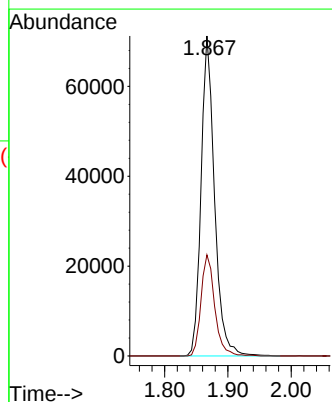
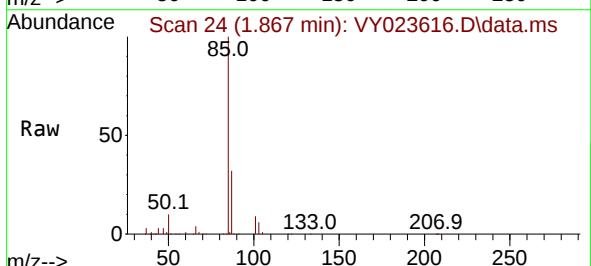
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#2
Dichlorodifluoromethane
Concen: 117.554 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

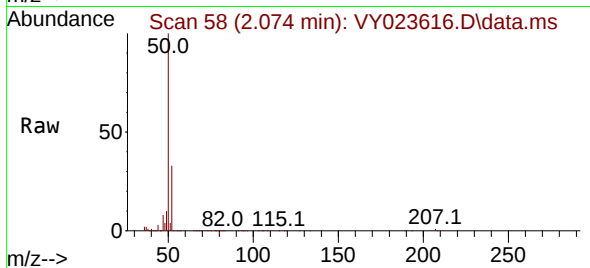
Tgt Ion: 85 Resp: 105699
Ion Ratio Lower Upper
85 100
87 31.6 16.0 47.9





#3
Chloromethane
Concen: 115.115 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

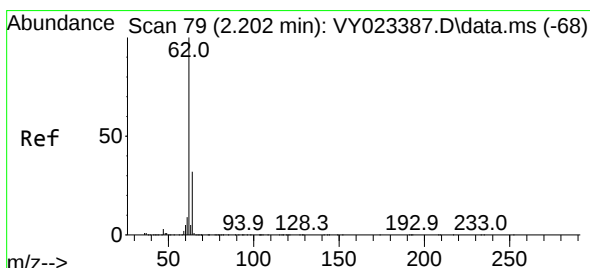
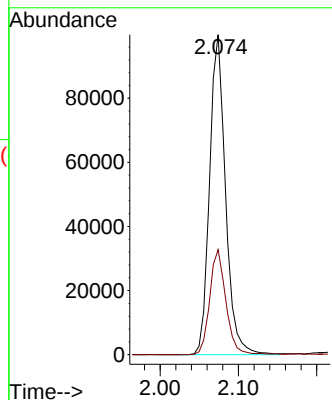
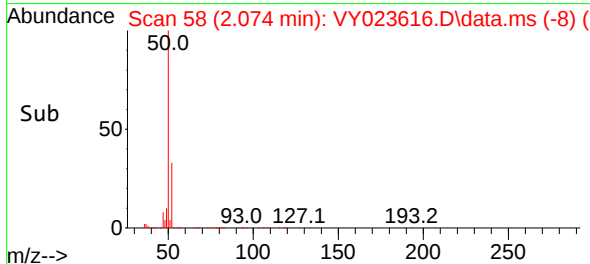
Instrument :
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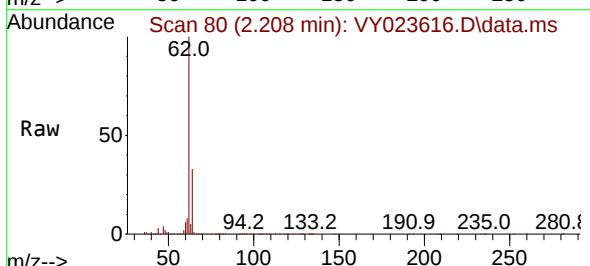
Tgt Ion: 50 Resp: 141002
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2

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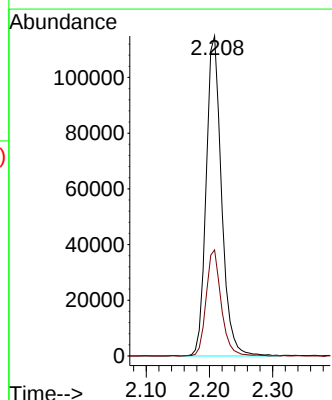
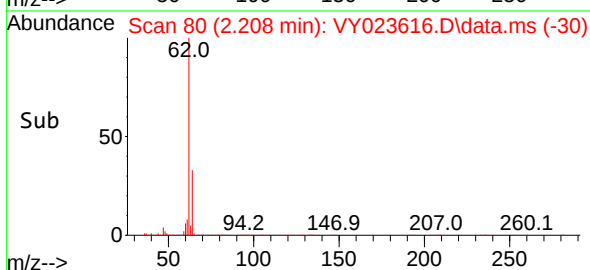
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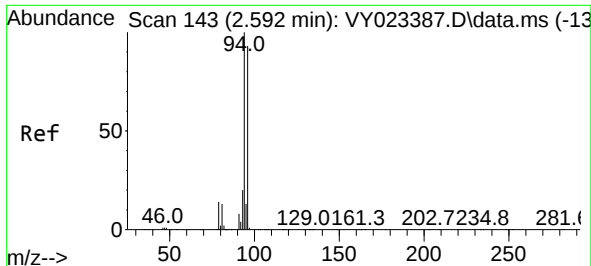


#4
Vinyl Chloride
Concen: 121.835 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



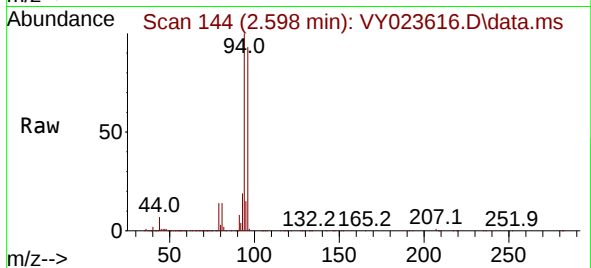
Tgt Ion: 62 Resp: 194376
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.8





#5
Bromomethane
Concen: 102.904 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

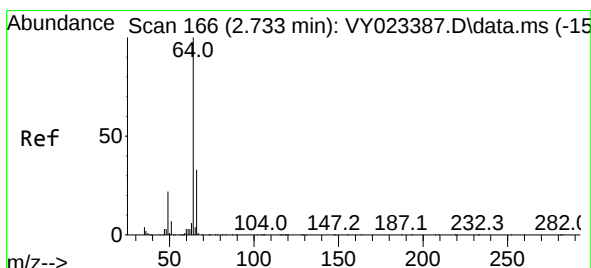
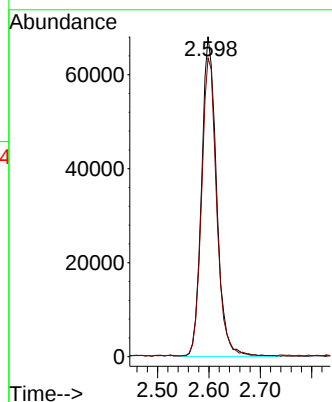
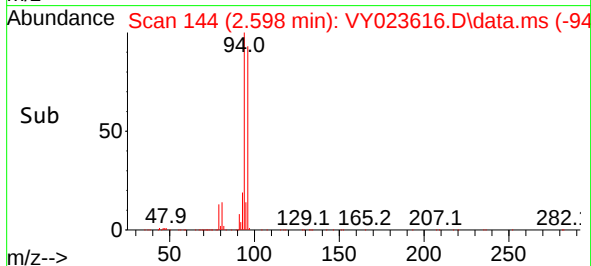
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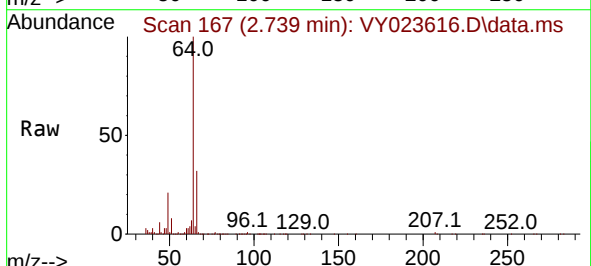
Tgt Ion: 94 Resp: 137772
Ion Ratio Lower Upper
94 100
96 93.2 74.5 111.7

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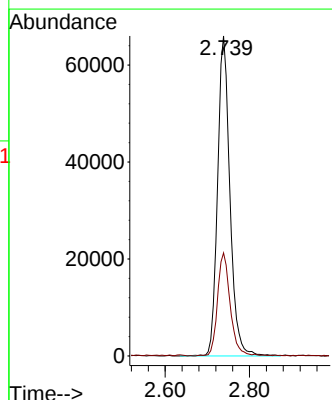
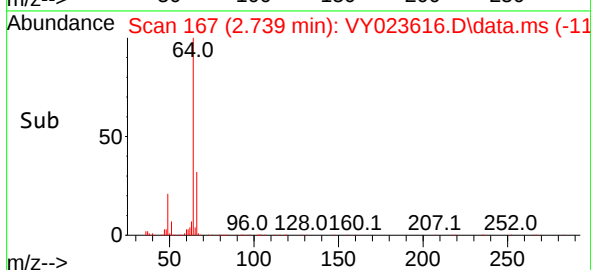
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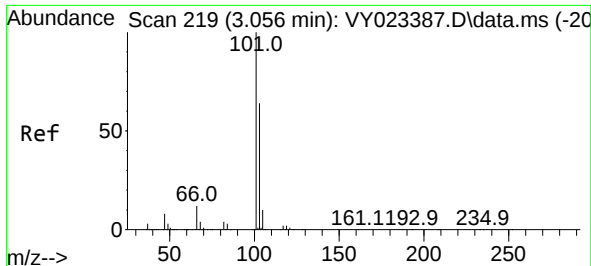


#6
Chloroethane
Concen: 123.195 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



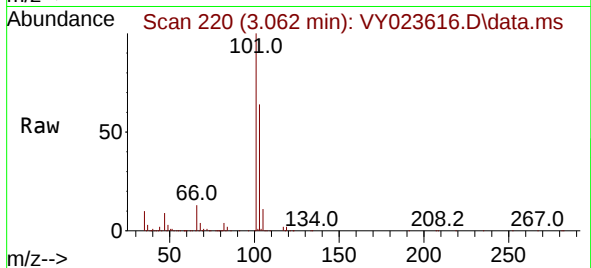
Tgt Ion: 64 Resp: 133975
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 120.012 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

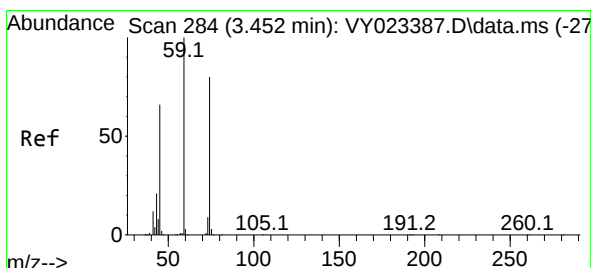
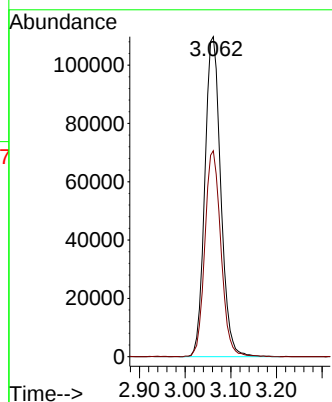
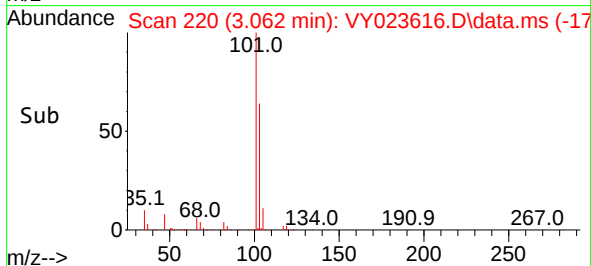
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Tgt Ion:101 Resp: 265848
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

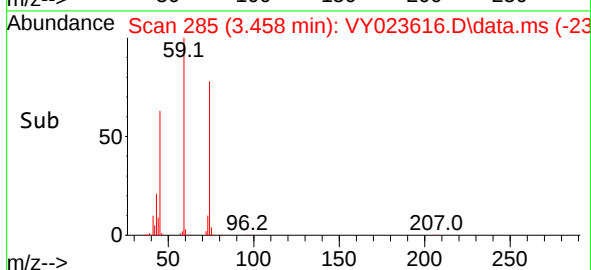
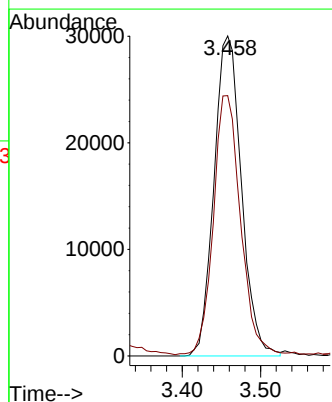
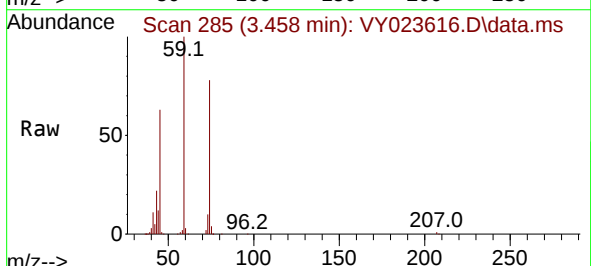
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#8
Diethyl Ether
Concen: 126.120 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
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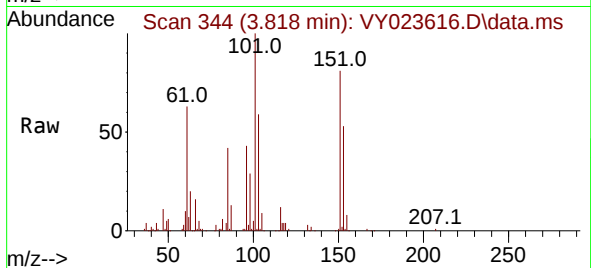
Tgt Ion: 74 Resp: 73003
Ion Ratio Lower Upper
74 100
45 79.9 39.9 119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 109.857 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023616.D
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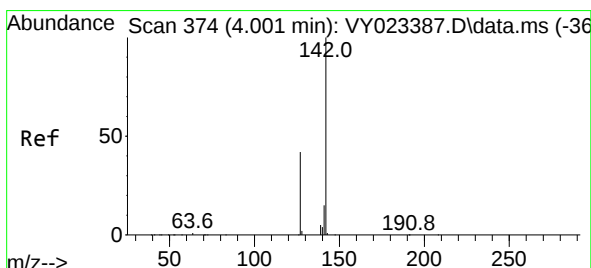
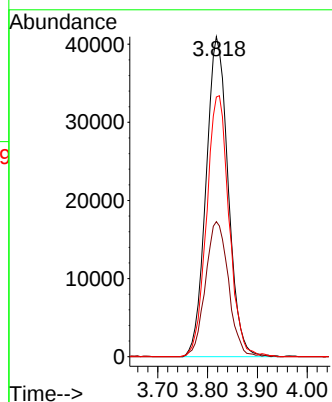
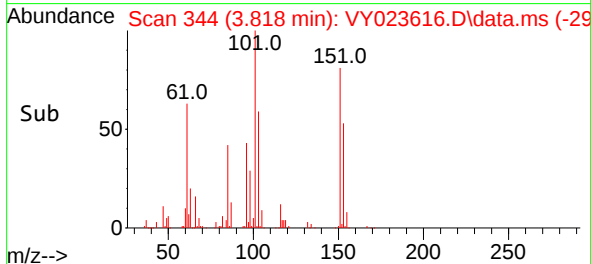
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MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:101 Resp: 126280
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 83.0 67.0 100.6

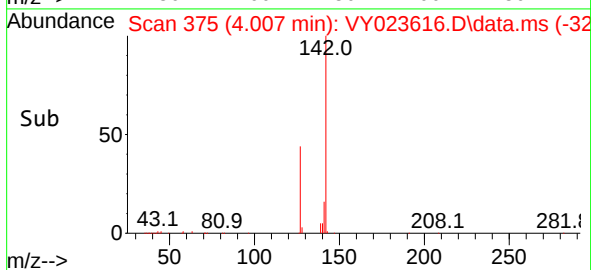
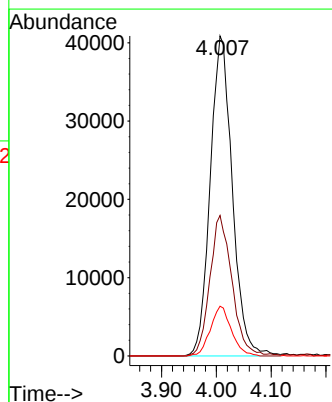
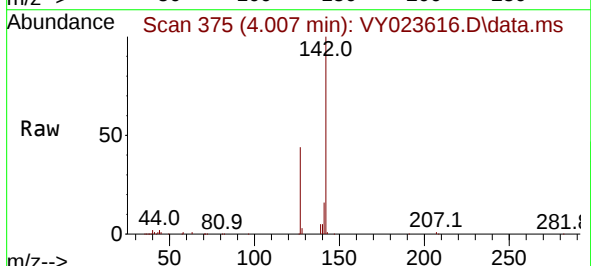
Manual Integrations
APPROVED

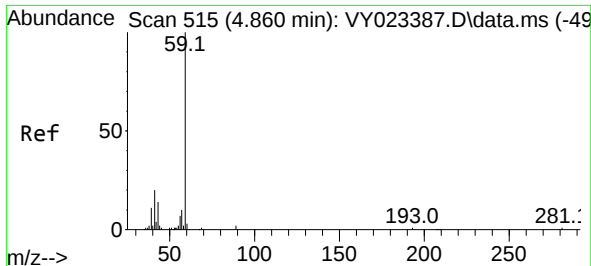
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 89.202 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

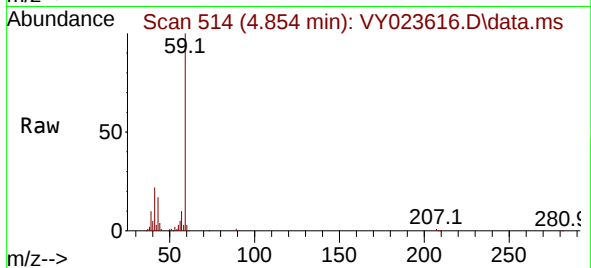
Tgt Ion:142 Resp: 114150
Ion Ratio Lower Upper
142 100
127 43.8 34.8 52.2
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 1487.051 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

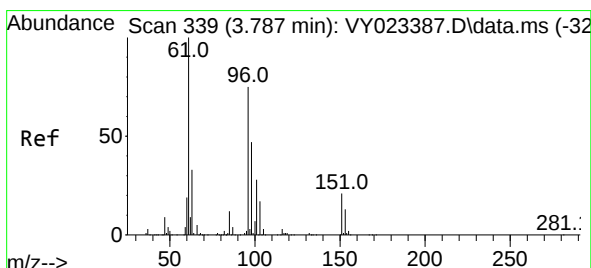
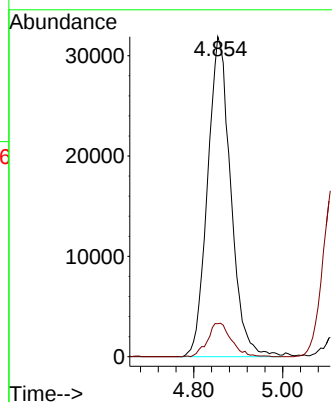
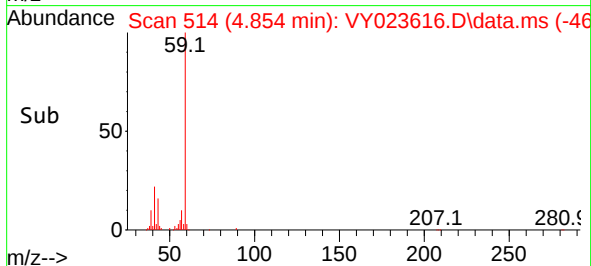
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 59 Resp: 11556
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

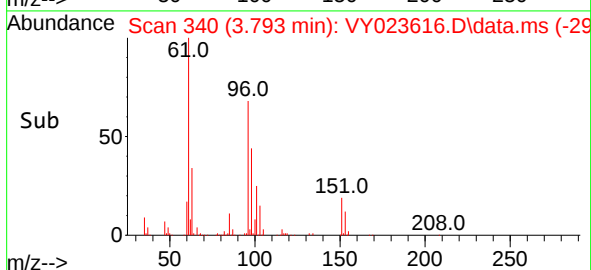
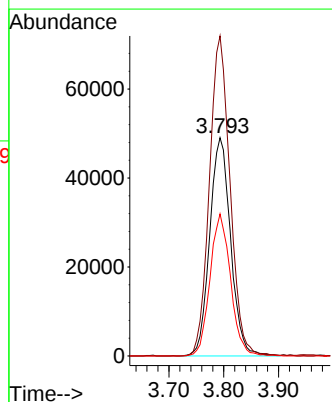
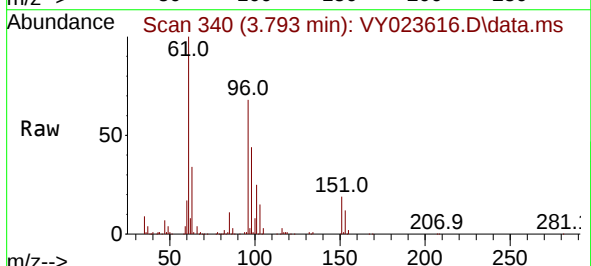
Manual Integrations
APPROVED

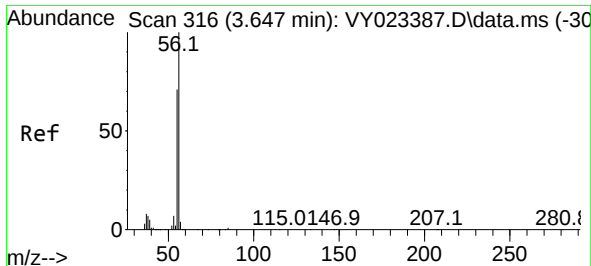
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#12
1,1-Dichloroethene
Concen: 116.569 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

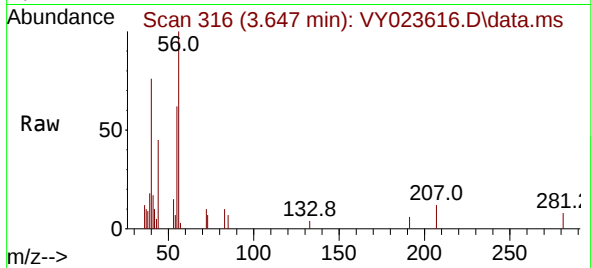
Tgt Ion: 96 Resp: 129894
Ion Ratio Lower Upper
96 100
61 146.7 106.7 160.1
98 65.1 50.2 75.4





#13
Acrolein
Concen: 36.828 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

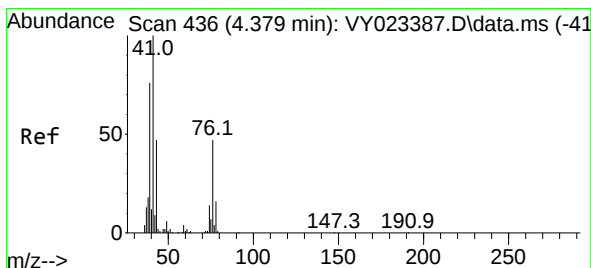
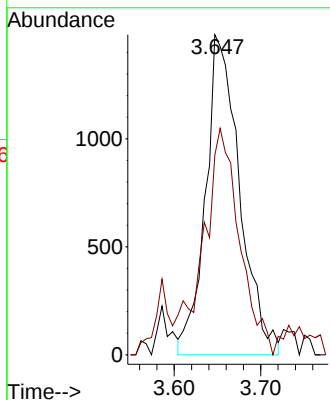
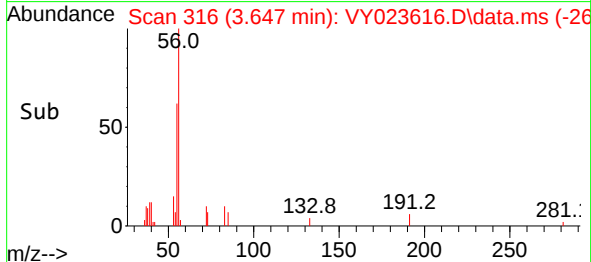
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 56 Resp: 4044
Ion Ratio Lower Upper
56 100
55 75.2 56.1 84.1

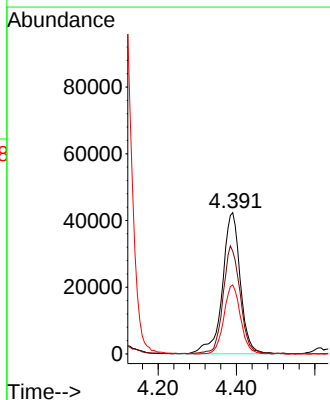
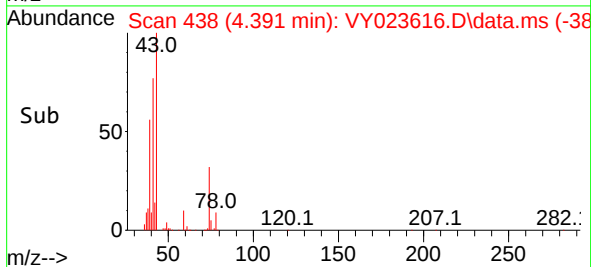
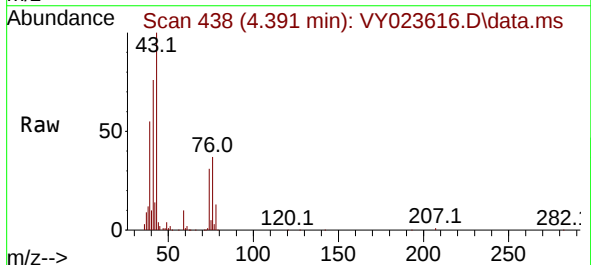
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Allyl chloride
Concen: 98.939 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

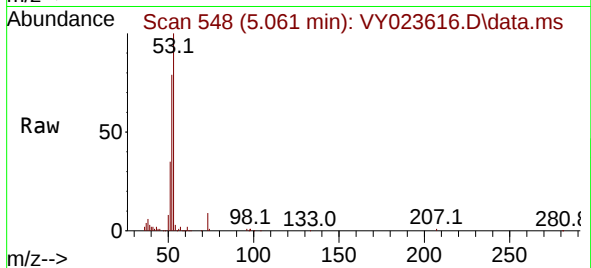
Tgt Ion: 41 Resp: 134362
Ion Ratio Lower Upper
41 100
39 72.4 59.9 89.9
76 45.5 38.0 57.0





#15
Acrylonitrile
Concen: 787.594 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

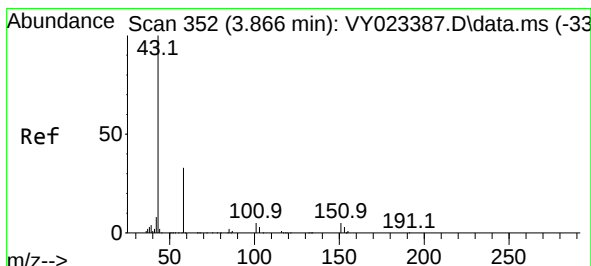
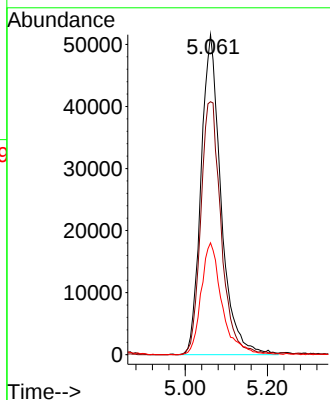
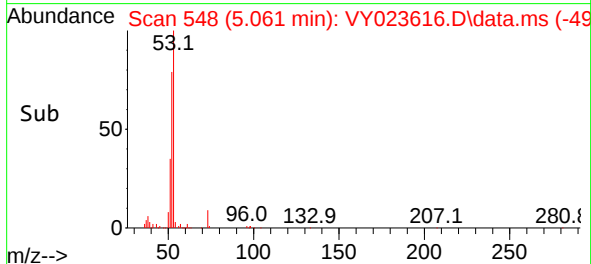
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 53 Resp: 174460
Ion Ratio Lower Upper
53 100
52 80.2 64.6 97.0
51 36.4 29.5 44.3

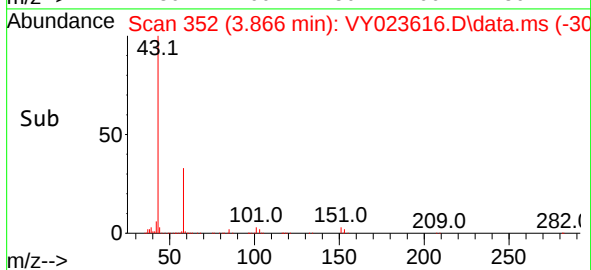
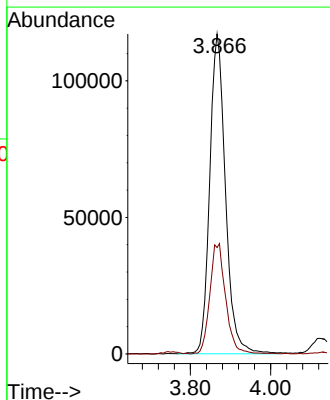
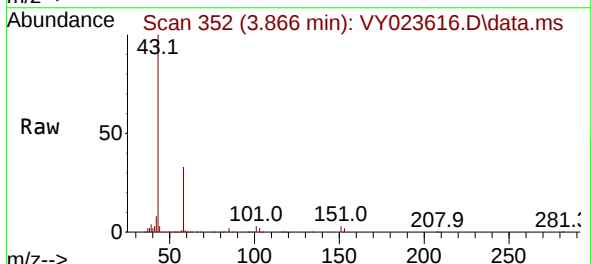
Manual Integrations
APPROVED

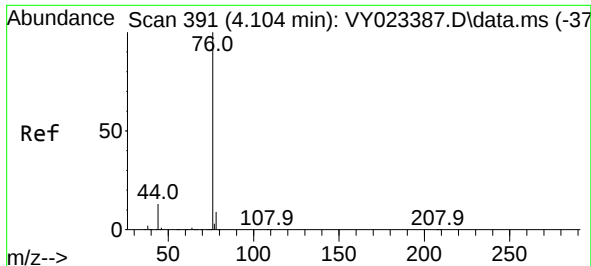
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Acetone
Concen: 1283.423 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

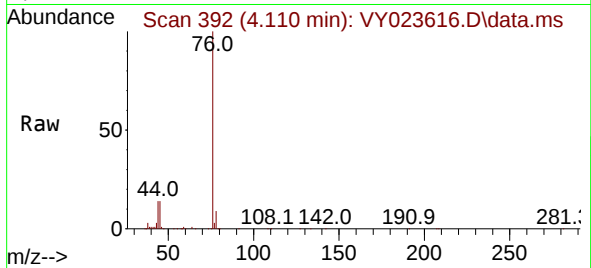
Tgt Ion: 43 Resp: 319167
Ion Ratio Lower Upper
43 100
58 33.1 27.7 41.5





#17
Carbon Disulfide
Concen: 108.056 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

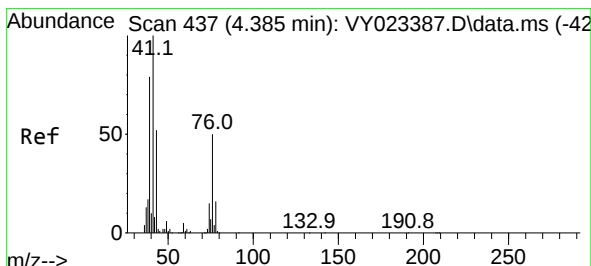
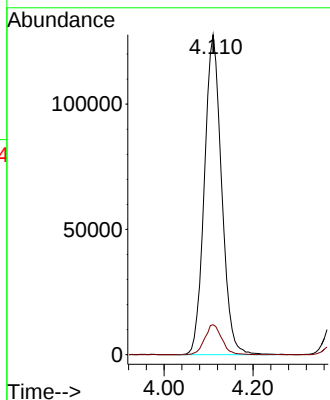
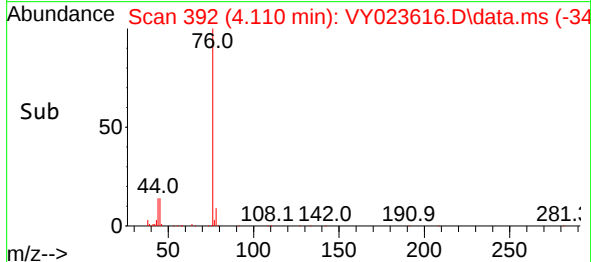
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 76 Resp: 344619
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

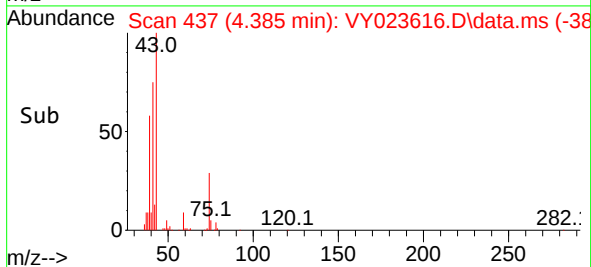
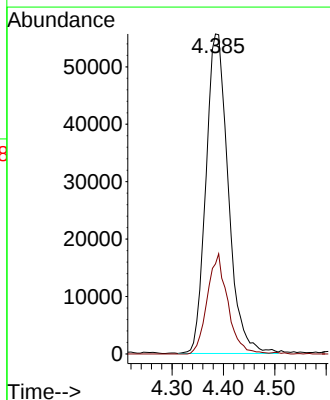
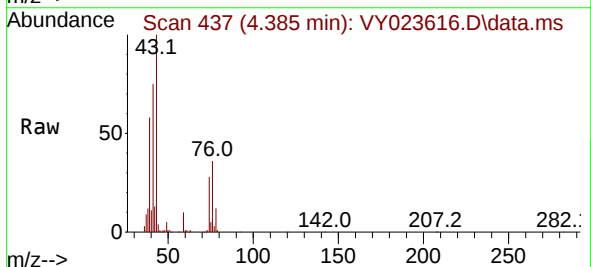
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#18
Methyl Acetate
Concen: 257.342 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

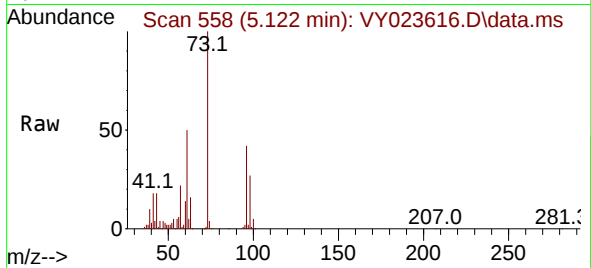
Tgt Ion: 43 Resp: 167877
Ion Ratio Lower Upper
43 100
74 28.8 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 133.124 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

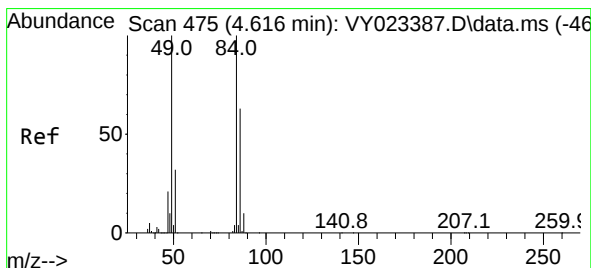
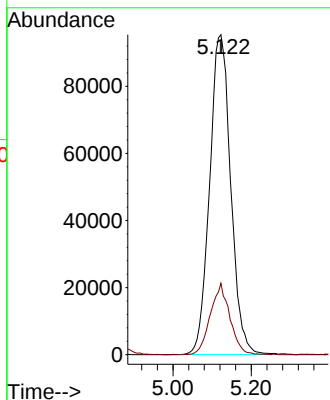
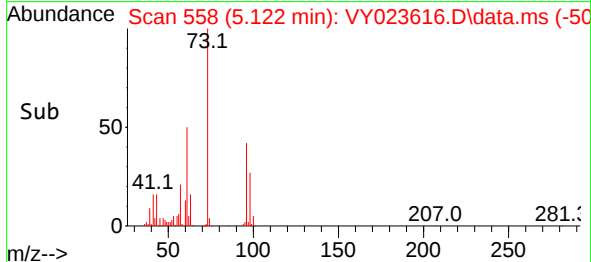
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 73 Resp: 35652
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

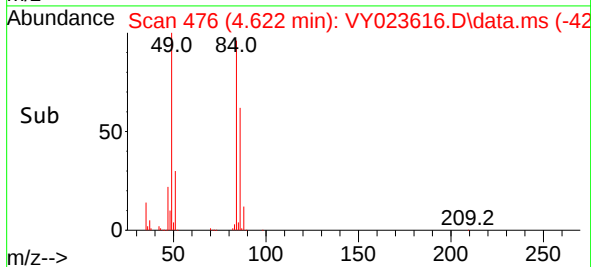
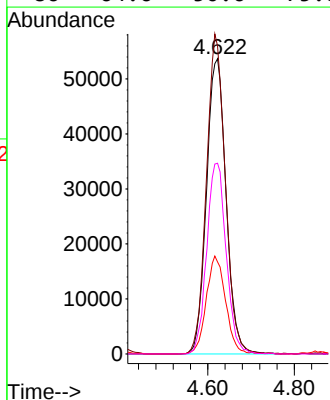
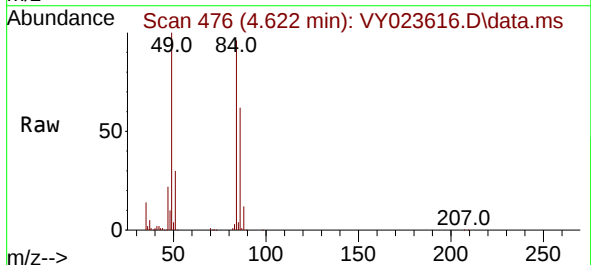
Manual Integrations
APPROVED

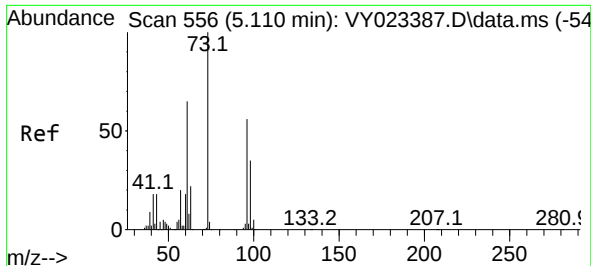
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 125.439 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

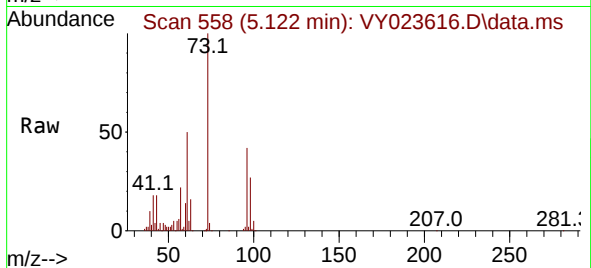
Tgt Ion: 84 Resp: 168682
Ion Ratio Lower Upper
84 100
49 104.3 80.2 120.4
51 31.2 25.9 38.9
86 64.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 101.197 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

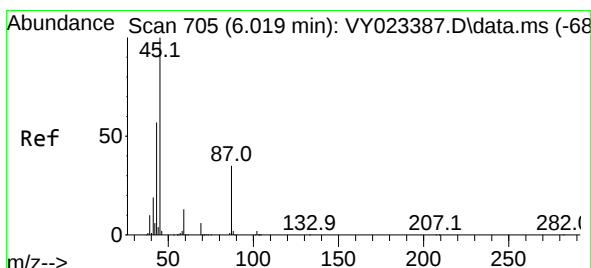
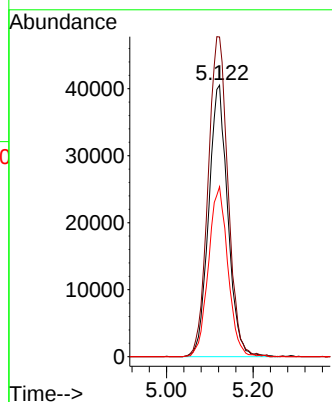
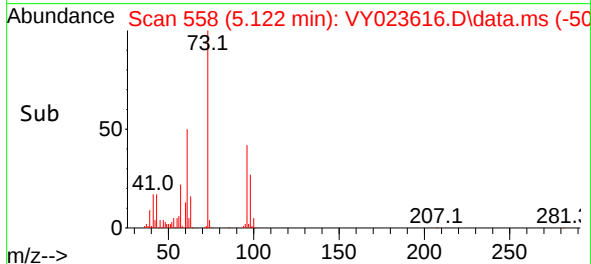
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



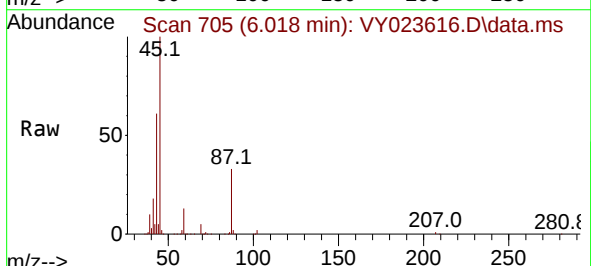
Tgt Ion: 96 Resp: 12415
Ion Ratio Lower Upper
96 100
61 117.7 92.7 139.1
98 62.6 49.7 74.5

Manual Integrations
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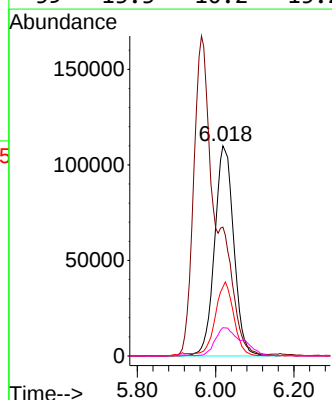
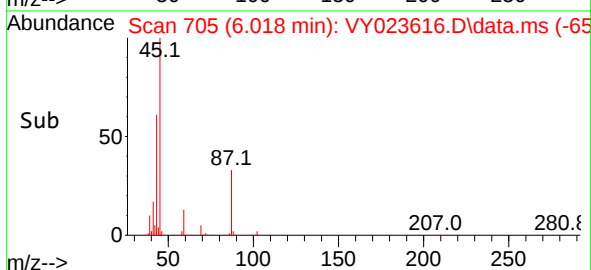
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

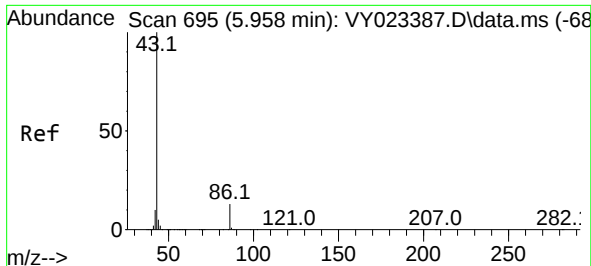


#22
Diisopropyl ether
Concen: 124.558 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



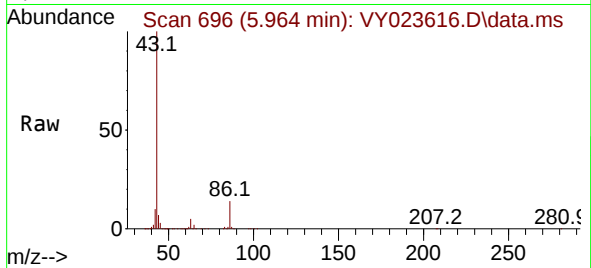
Tgt Ion: 45 Resp: 374163
Ion Ratio Lower Upper
45 100
43 60.1 45.6 68.4
87 32.5 28.1 42.1
59 13.3 10.2 15.2





#23
 Vinyl Acetate
 Concen: 319.734 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

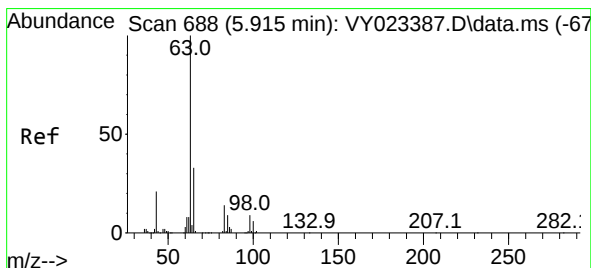
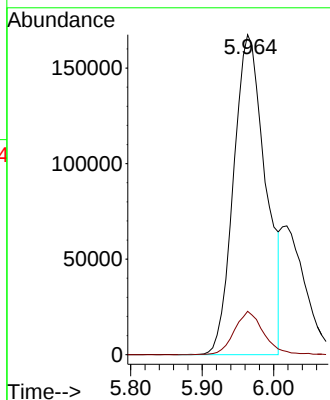
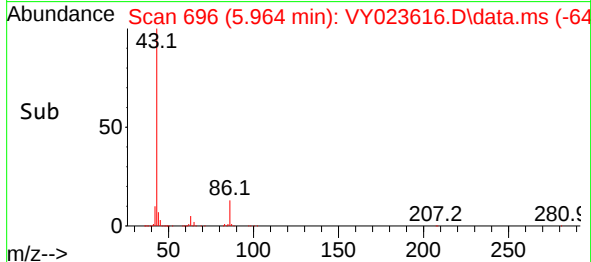
Instrument :
 MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MSD



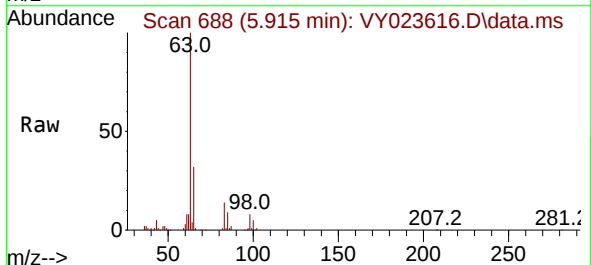
Tgt Ion: 43 Resp: 51987
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 15.8

Manual Integrations
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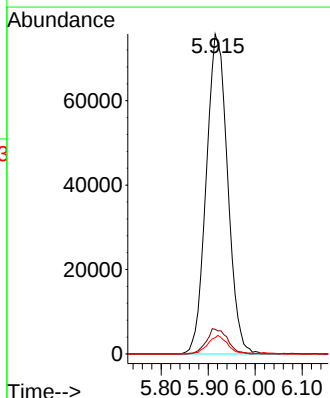
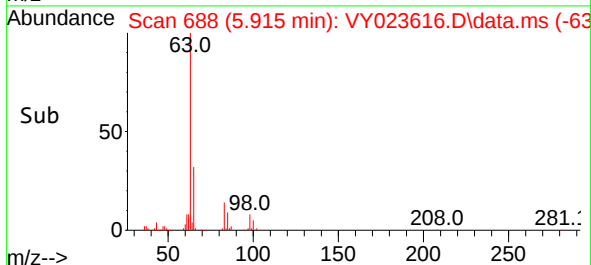
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

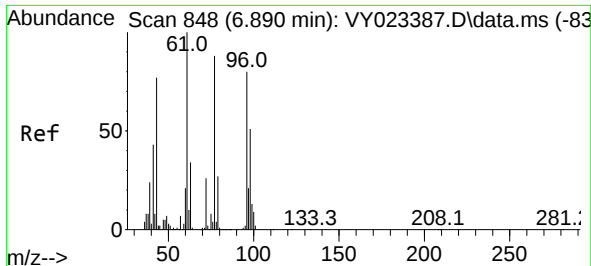


#24
 1,1-Dichloroethane
 Concen: 120.249 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37



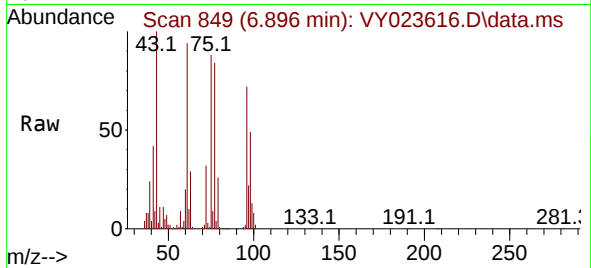
Tgt Ion: 63 Resp: 239273
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 13.1
 100 5.1 2.8 8.4





#25
2-Butanone
Concen: 706.335 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

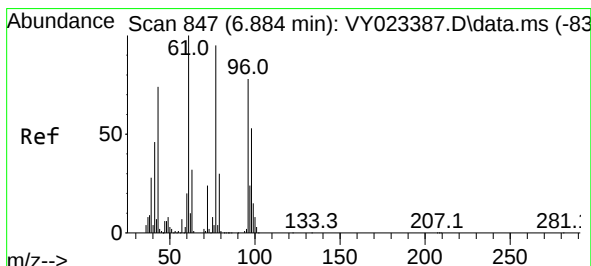
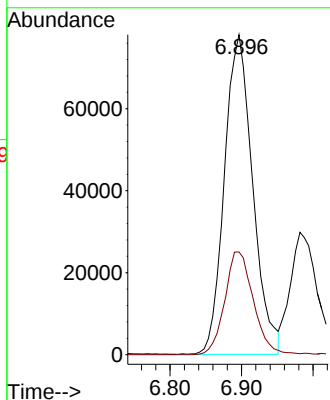
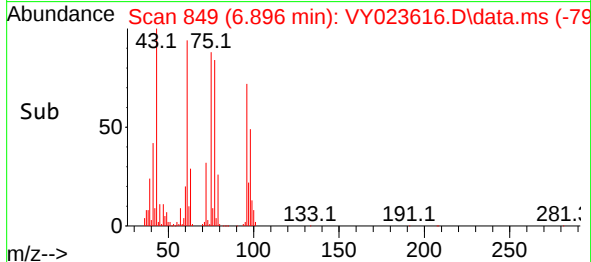
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 43 Resp: 214440
Ion Ratio Lower Upper
43 100
72 32.1 27.4 41.2

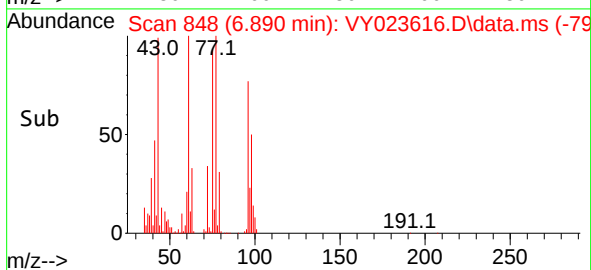
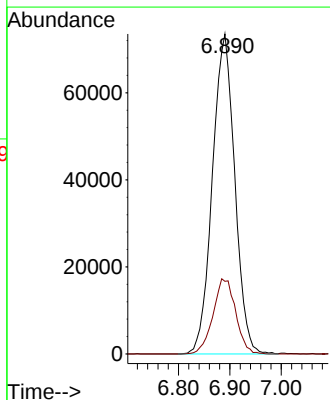
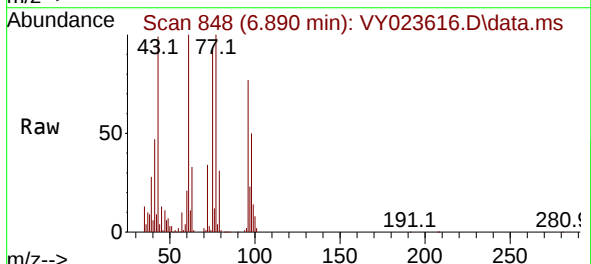
Manual Integrations
APPROVED

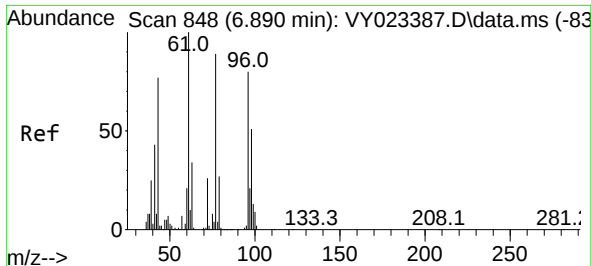
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
2,2-Dichloropropane
Concen: 121.781 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

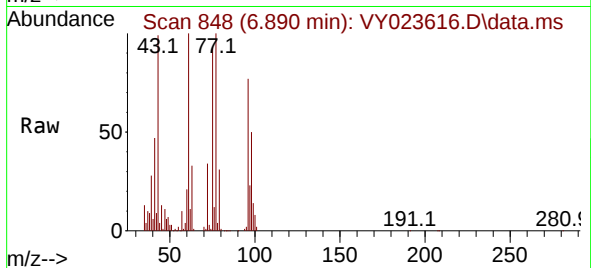
Tgt Ion: 77 Resp: 222353
Ion Ratio Lower Upper
77 100
97 23.8 12.1 36.3





#27
 cis-1,2-Dichloroethene
 Concen: 110.449 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

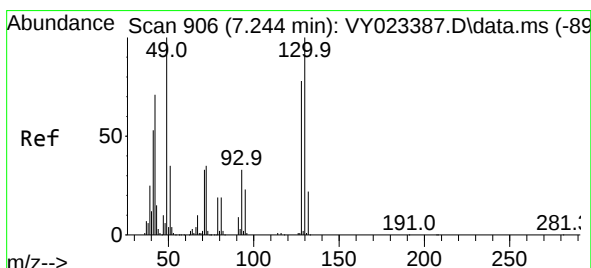
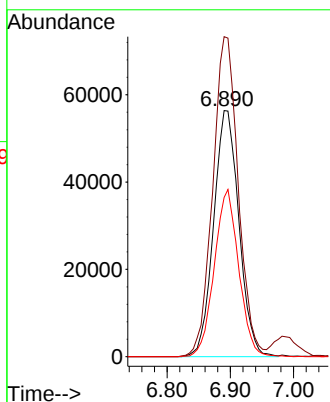
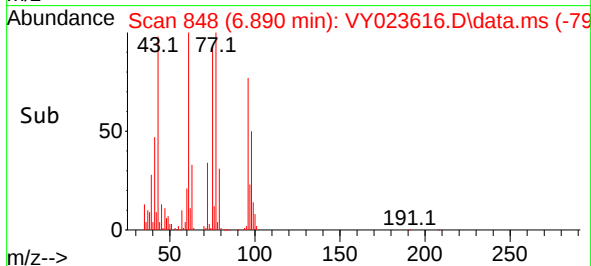
Instrument :
 MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MSD



Tgt Ion: 96 Resp: 156520
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 258.2
 98 65.6 0.0 132.0

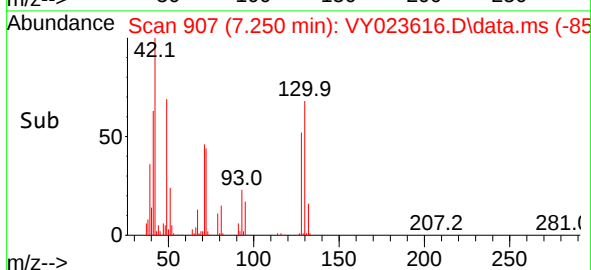
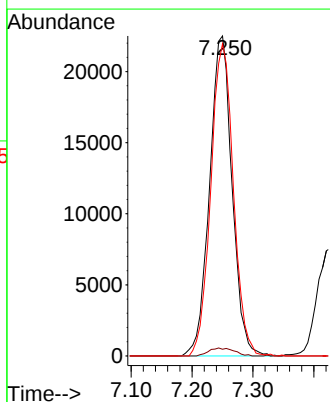
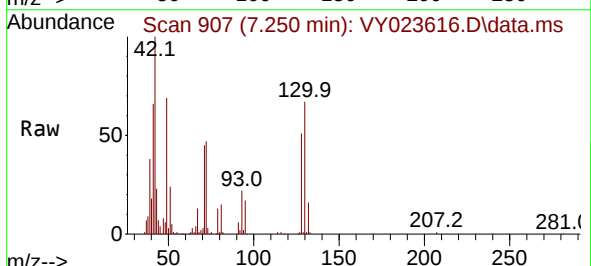
Manual Integrations
 APPROVED

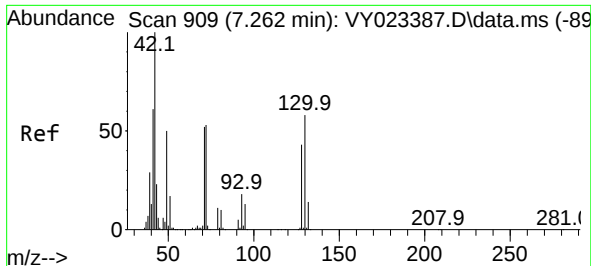
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#28
 Bromochloromethane
 Concen: 77.750 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

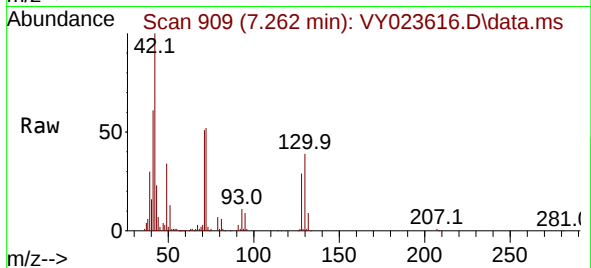
Tgt Ion: 49 Resp: 57755
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 97.7 81.9 122.9





#29
Tetrahydrofuran
Concen: 697.141 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

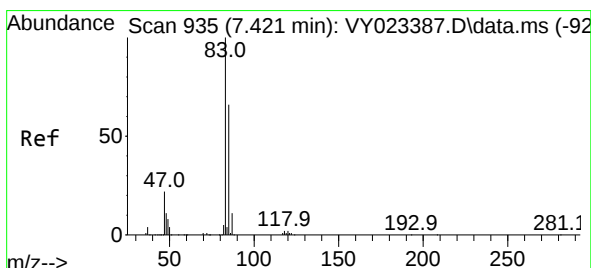
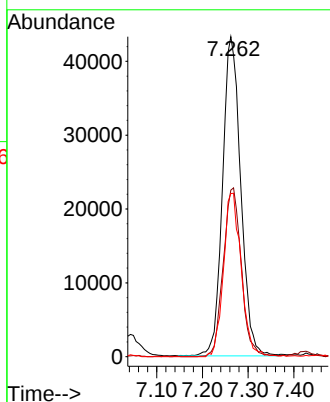
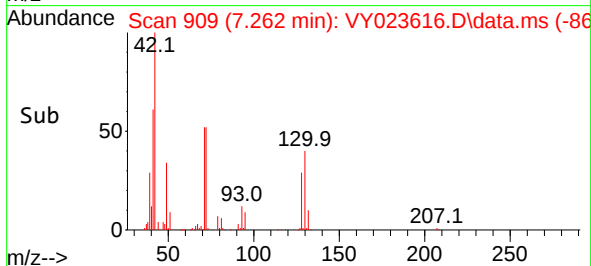
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 42 Resp: 120023
Ion Ratio Lower Upper
42 100
72 52.4 43.0 64.6
71 49.9 40.1 60.1

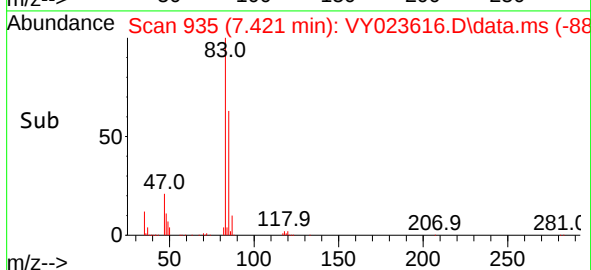
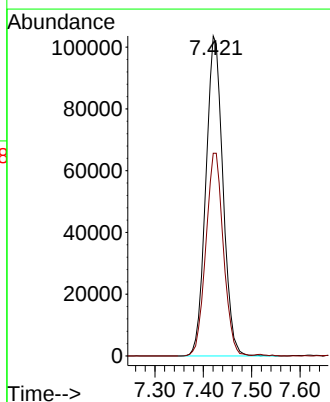
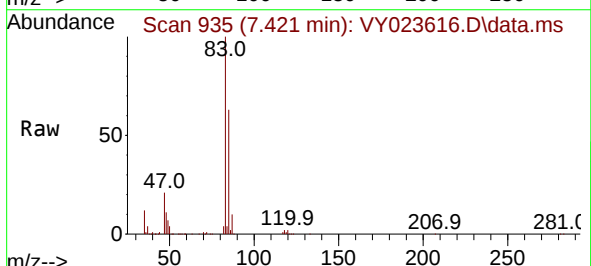
Manual Integrations
APPROVED

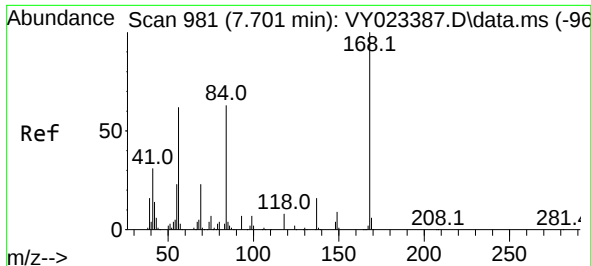
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#30
Chloroform
Concen: 116.172 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

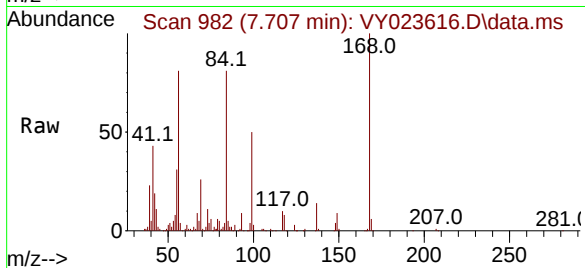
Tgt Ion: 83 Resp: 253975
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7





#31
Cyclohexane
Concen: 63.435 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

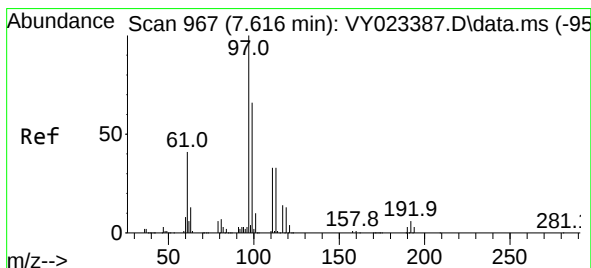
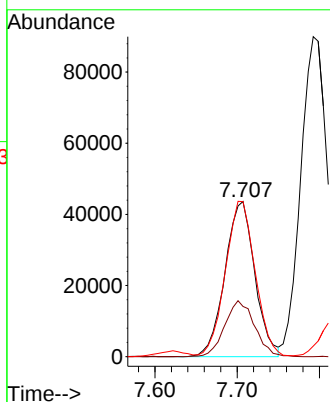
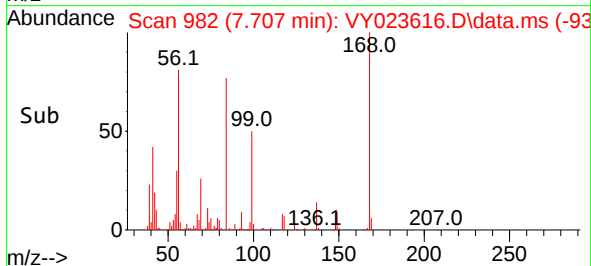
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



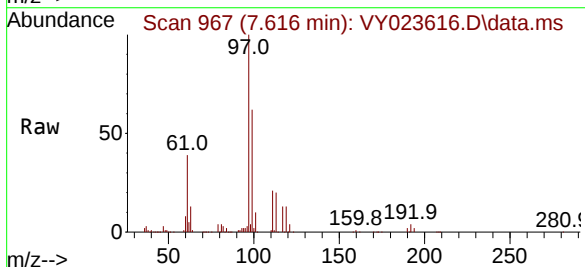
Tgt Ion: 56 Resp: 11023
Ion Ratio Lower Upper
56 100
69 32.3 30.0 45.0
84 96.7 81.2 121.8

Manual Integrations
APPROVED

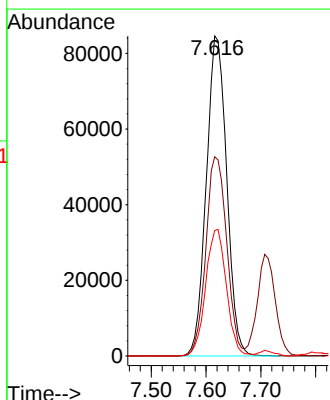
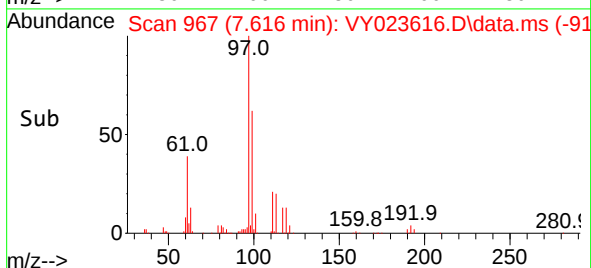
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

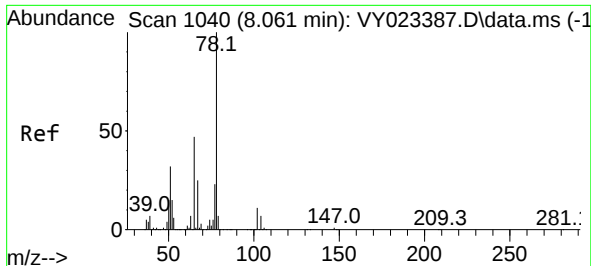


#32
1,1,1-Trichloroethane
Concen: 110.046 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



Tgt Ion: 97 Resp: 218633
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 40.3 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 94.621 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion: 65 Resp: 98840

Ion Ratio Lower Upper

65 100

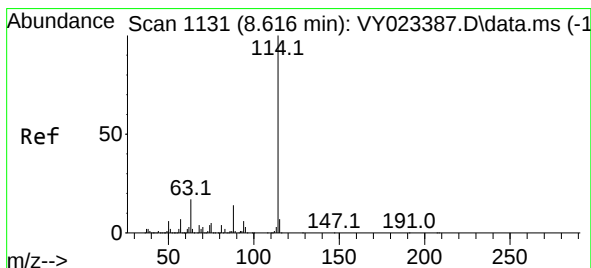
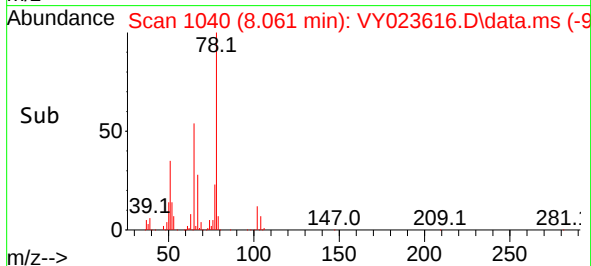
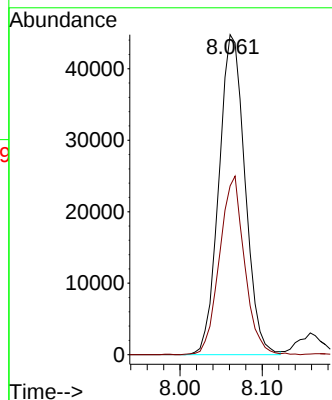
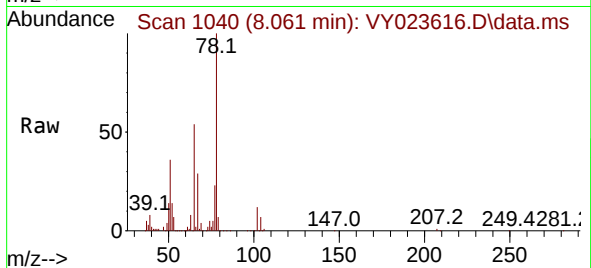
67 53.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

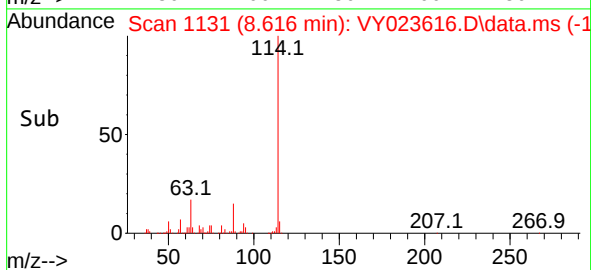
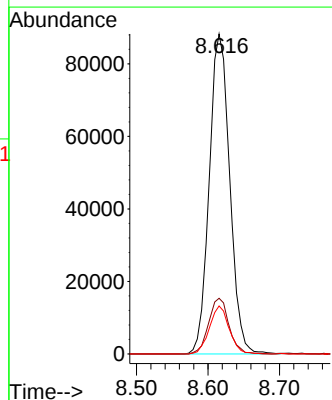
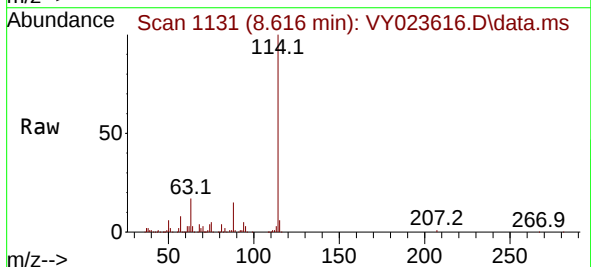
Tgt Ion:114 Resp: 175715

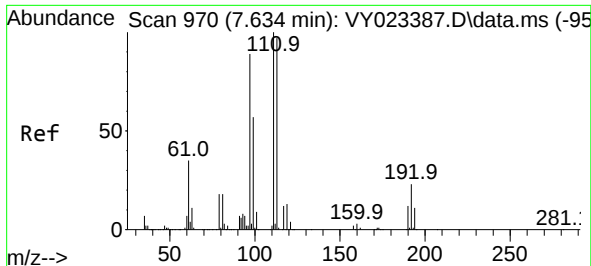
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

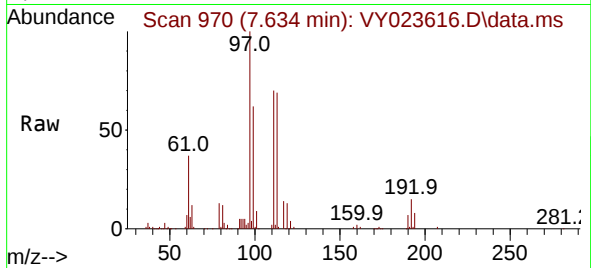
88 15.0 0.0 28.4





#35
Dibromofluoromethane
Concen: 90.839 ug/l
RT: 7.634 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

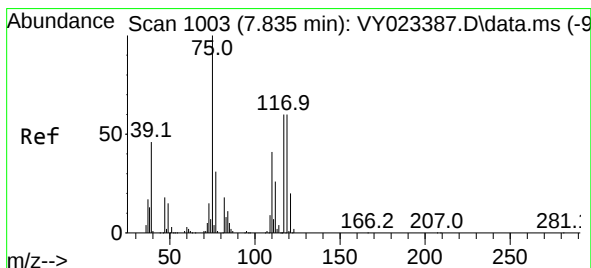
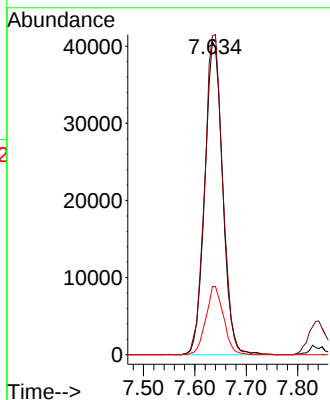
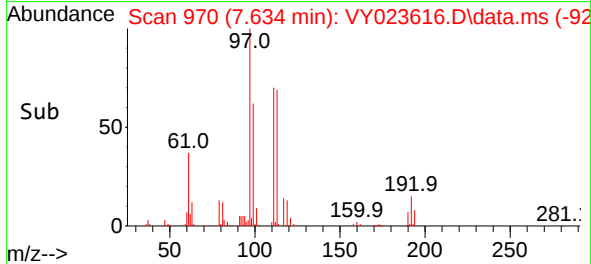
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



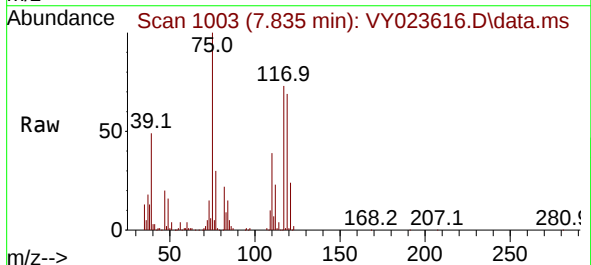
Tgt Ion:113 Resp: 98078
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 21.5 18.0 27.0

Manual Integrations
APPROVED

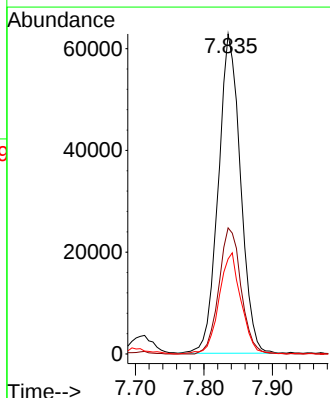
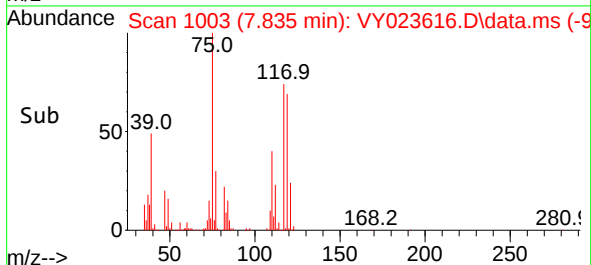
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

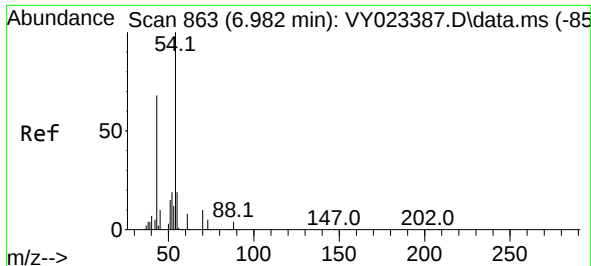


#36
1,1-Dichloropropene
Concen: 98.730 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



Tgt Ion: 75 Resp: 141124
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 31.6 25.0 37.6





#37

Ethyl Acetate

Concen: 141.536 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023616.D

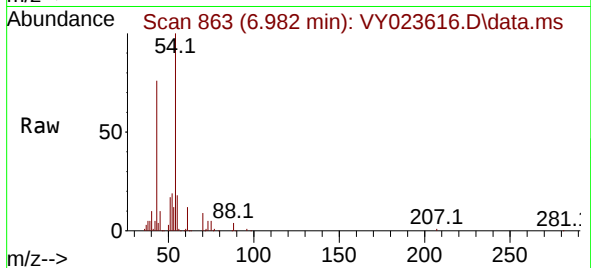
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion: 43 Resp: 80150

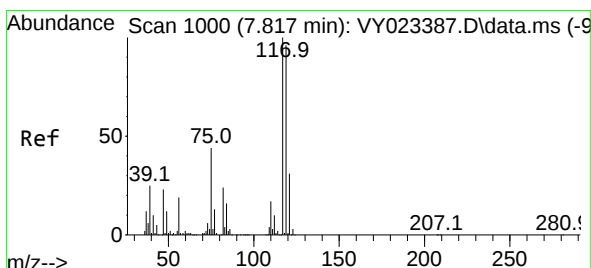
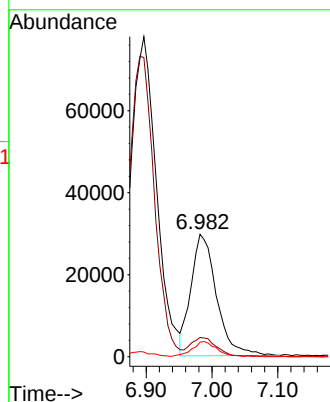
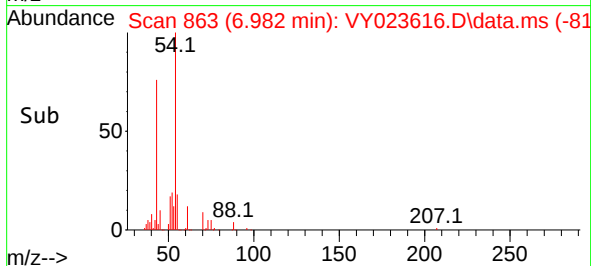
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	11.4	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#38

Carbon Tetrachloride

Concen: 98.999 ug/l

RT: 7.817 min Scan# 1000

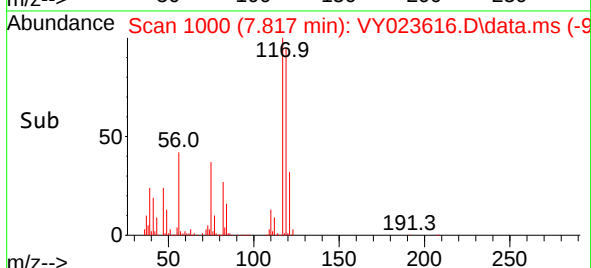
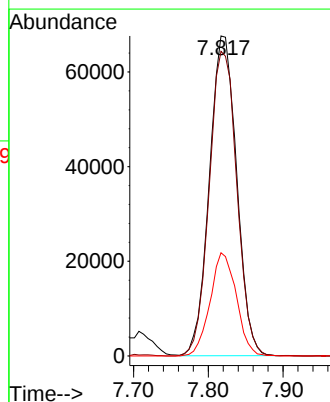
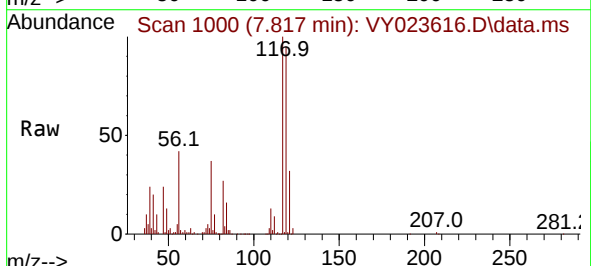
Delta R.T. -0.000 min

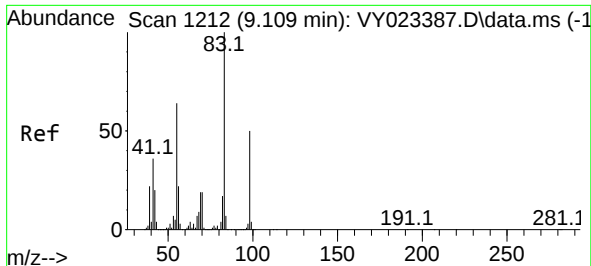
Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

Tgt Ion:117 Resp: 171587

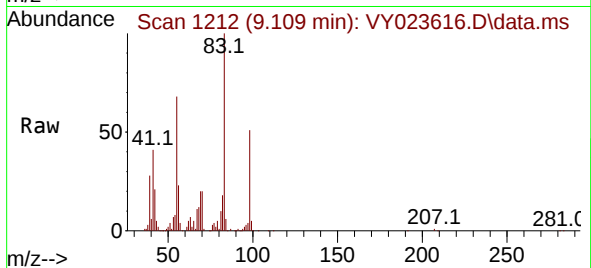
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.8	115.2
121	32.3	24.5	36.7





#39
Methylcyclohexane
Concen: 39.342 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD

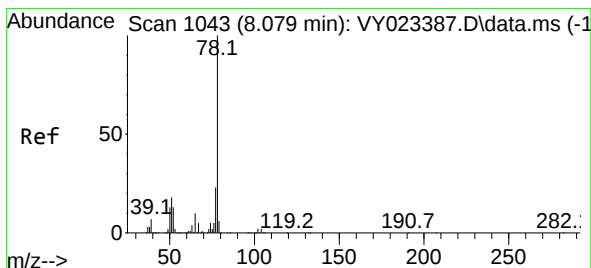
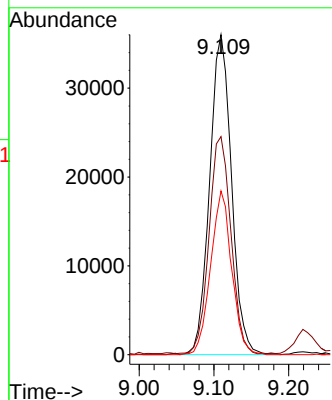
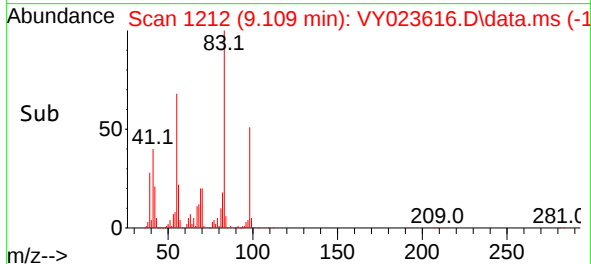


Tgt Ion: 83 Resp: 73219
Ion Ratio Lower Upper
83 100
55 67.7 51.4 77.2
98 51.2 40.4 60.6

Manual Integrations

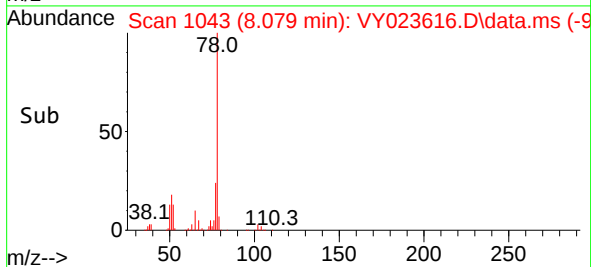
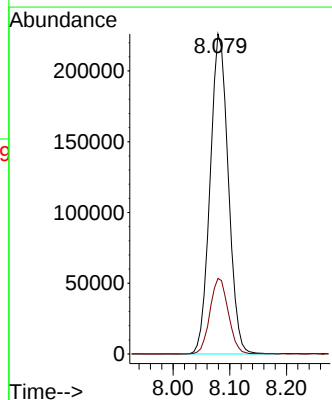
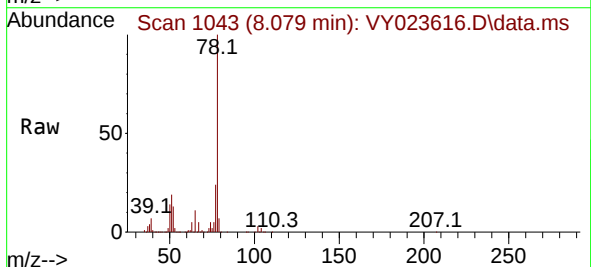
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Benzene
Concen: 111.182 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

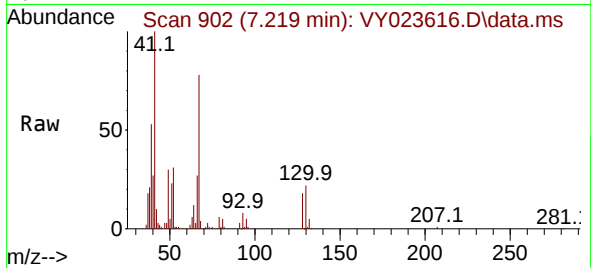
Tgt Ion: 78 Resp: 503297
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 138.917 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD

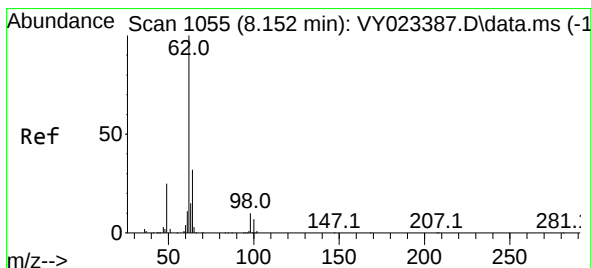
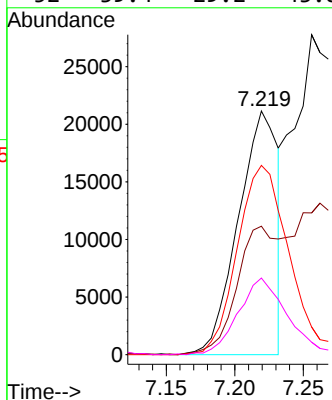
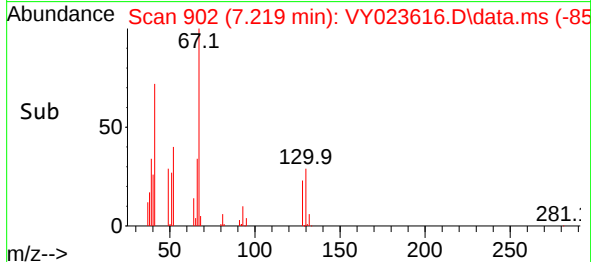


Tgt Ion: 41 Resp: 42540

Ion	Ratio	Lower	Upper
41	100		
39	54.4	52.2	78.4
67	101.8	74.9	112.3
52	39.4	29.2	43.8

Manual Integrations
APPROVED

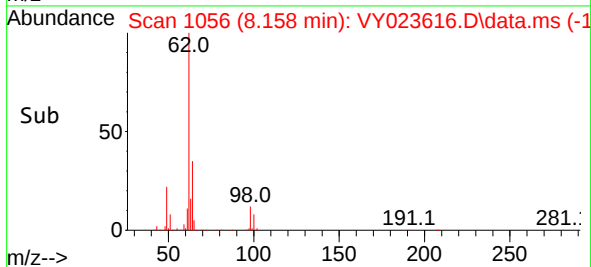
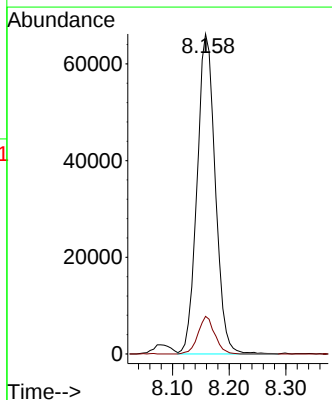
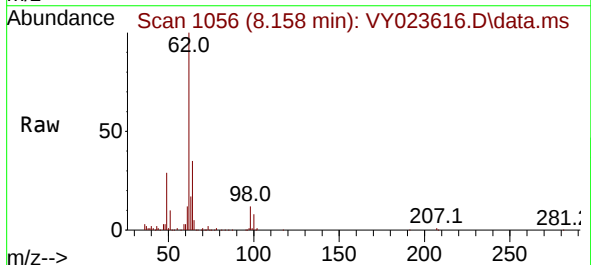
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

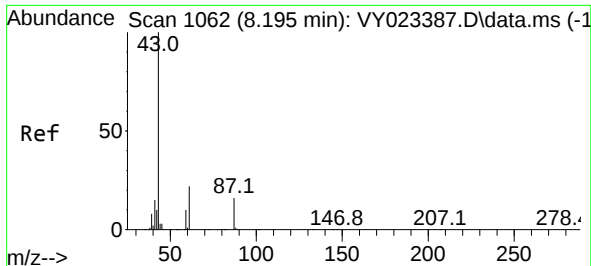


#42
1,2-Dichloroethane
Concen: 126.491 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion: 62 Resp: 147673

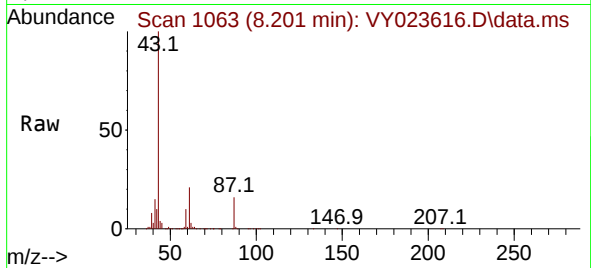
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6





#43
Isopropyl Acetate
Concen: 138.400 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

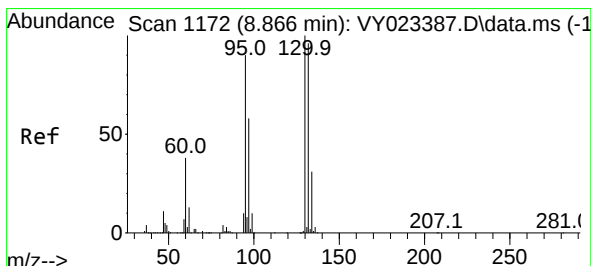
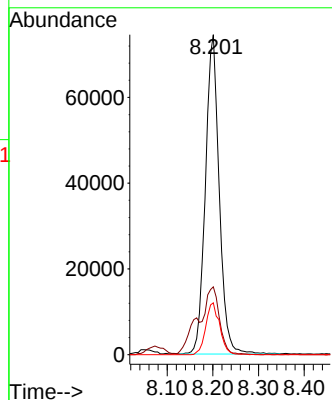
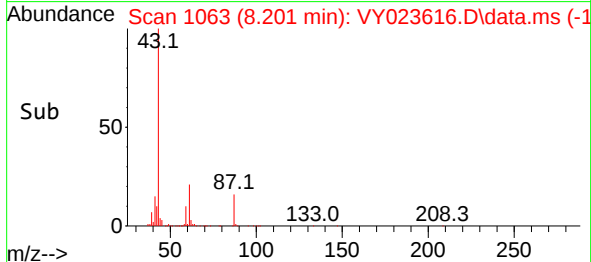
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 43 Resp: 156279
Ion Ratio Lower Upper
43 100
61 22.8 18.1 27.1
87 16.4 13.5 20.3

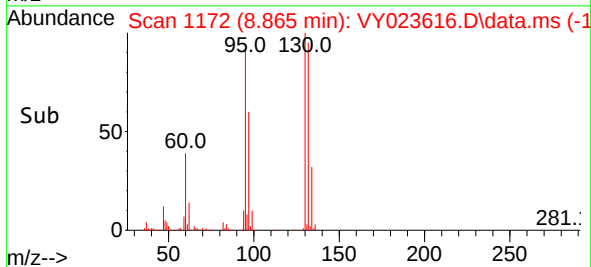
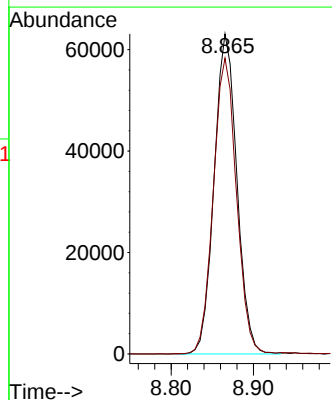
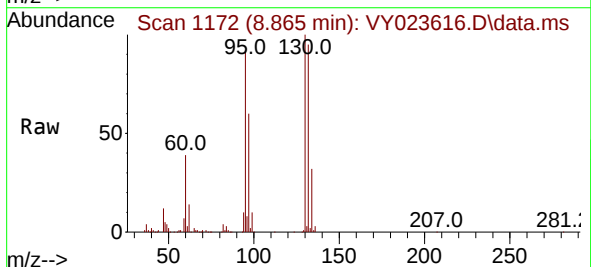
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#44
Trichloroethene
Concen: 91.476 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion:130 Resp: 121199
Ion Ratio Lower Upper
130 100
95 92.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 115.595 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023616.D

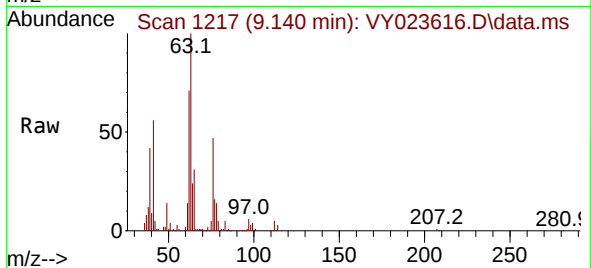
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion: 63 Resp: 115578

Ion Ratio Lower Upper

63 100

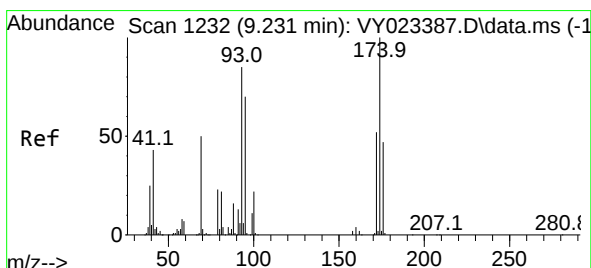
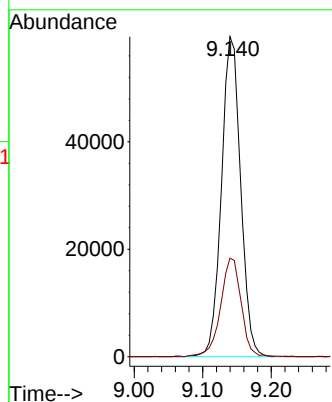
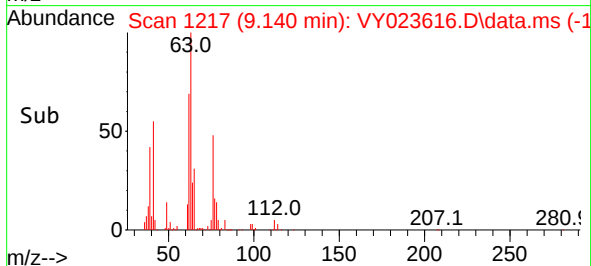
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#46

Dibromomethane

Concen: 121.291 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

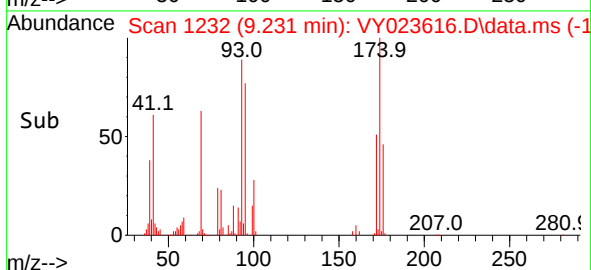
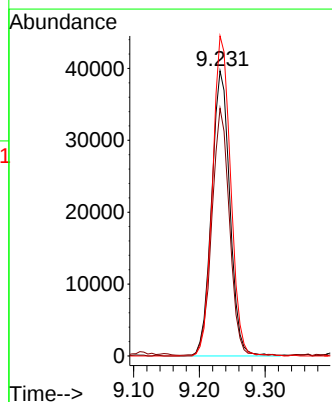
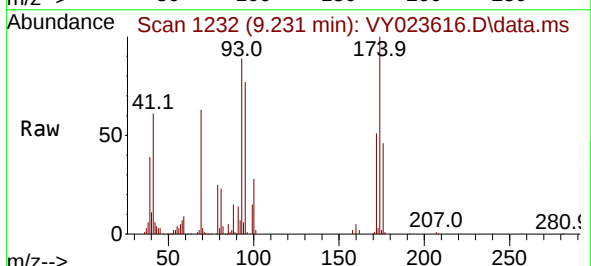
Tgt Ion: 93 Resp: 76685

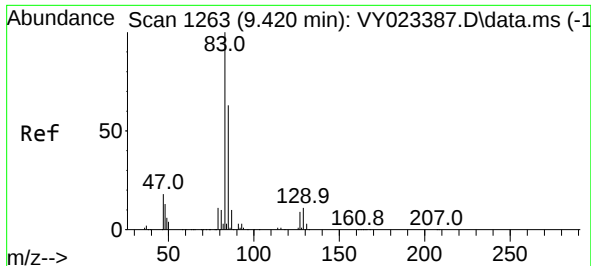
Ion Ratio Lower Upper

93 100

95 83.1 65.4 98.0

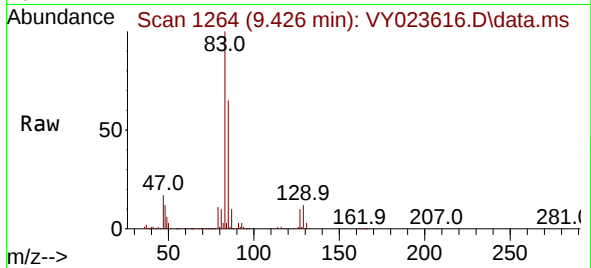
174 111.4 92.9 139.3





#47
Bromodichloromethane
Concen: 112.472 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

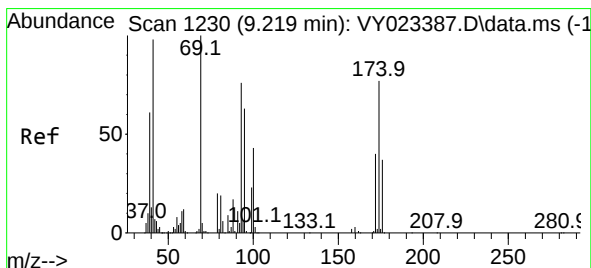
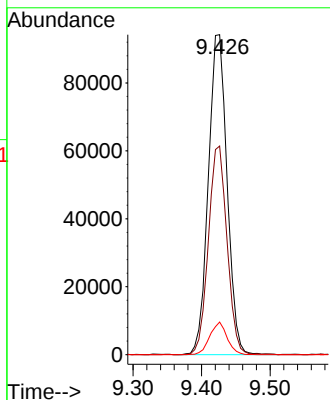
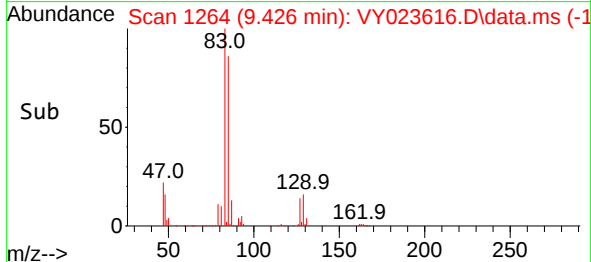
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 83 Resp: 17909
Ion Ratio Lower Upper
83 100
85 65.2 50.8 76.2
127 10.2 7.4 11.2

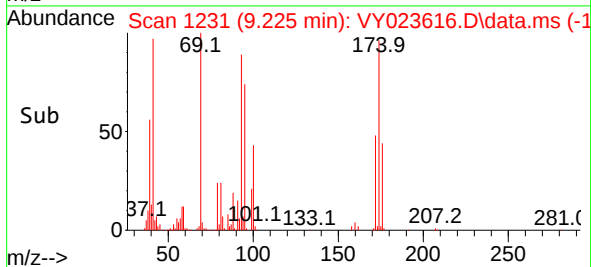
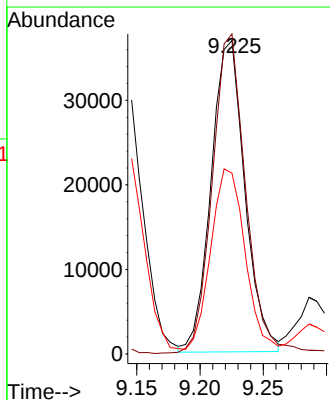
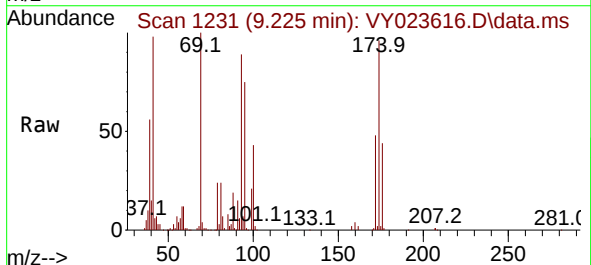
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#48
Methyl methacrylate
Concen: 128.849 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion: 41 Resp: 68352
Ion Ratio Lower Upper
41 100
69 102.9 81.0 121.4
39 60.7 48.2 72.4





#49

1,4-Dioxane

Concen: 2072.760 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023616.D

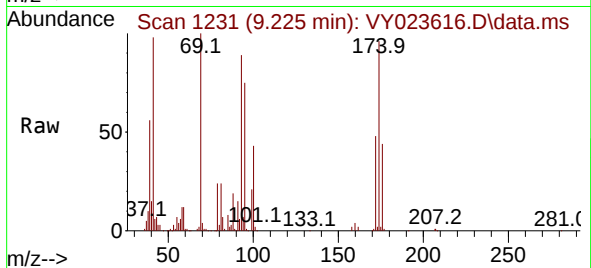
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



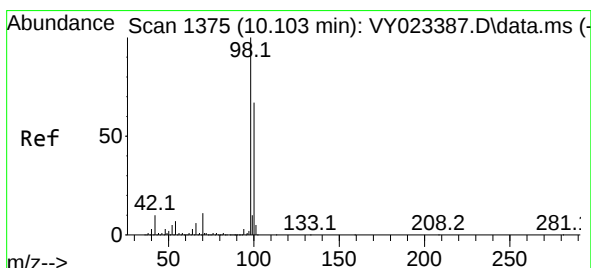
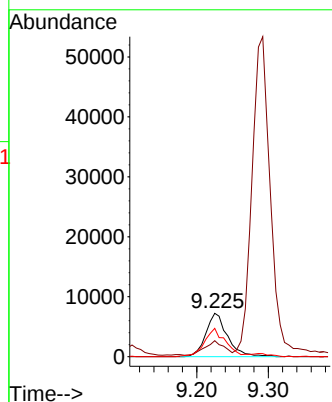
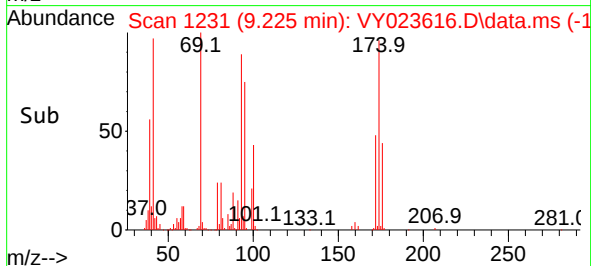
Tgt Ion:	88	Resp:	15194
Ion Ratio	Lower	Upper	
88	100		
43	30.1	21.8	32.8
58	64.8	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

Toluene-d8

Concen: 67.440 ug/l

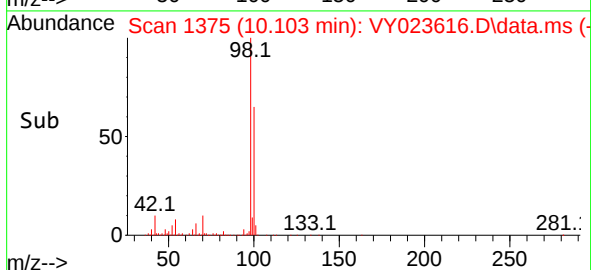
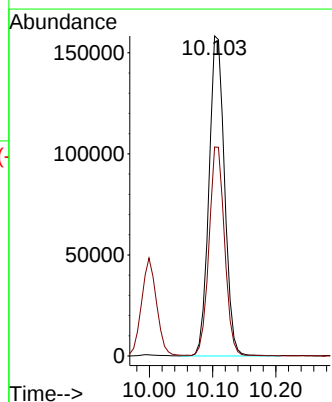
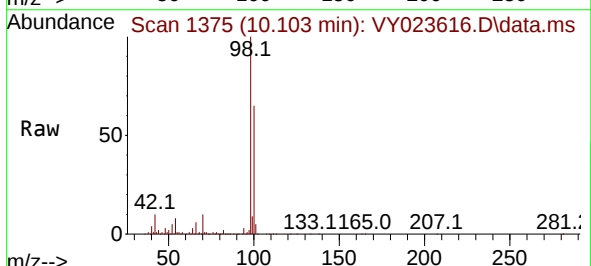
RT: 10.103 min Scan# 1375

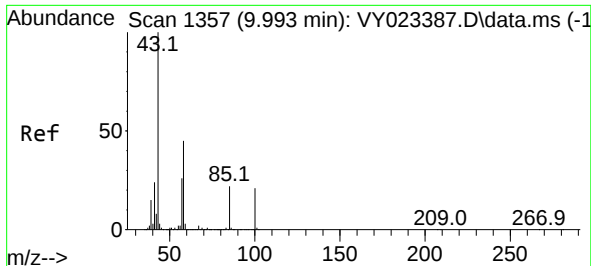
Delta R.T. -0.000 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

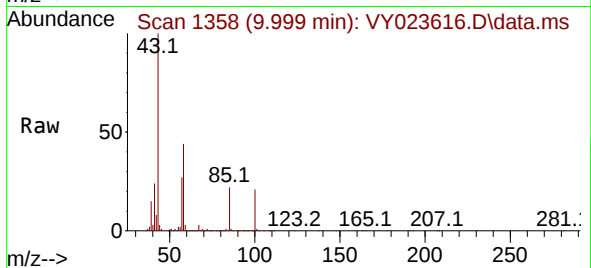
Tgt Ion:	98	Resp:	271167
Ion Ratio	Lower	Upper	
98	100		
100	65.3	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 676.438 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

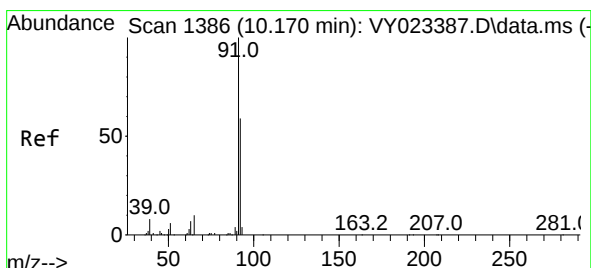
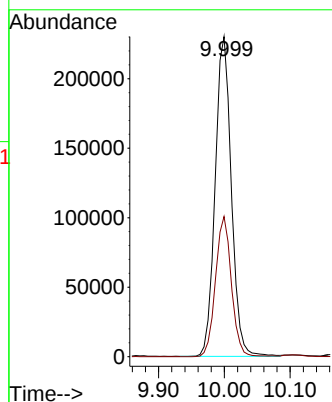
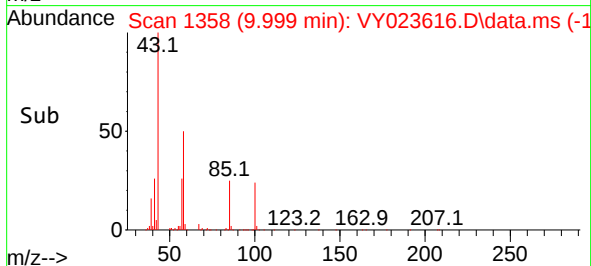
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 43 Resp: 39464
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9

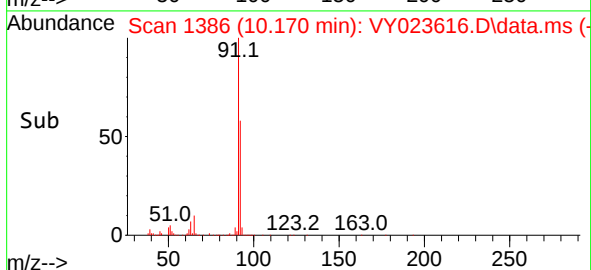
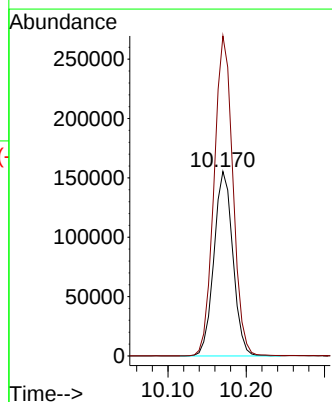
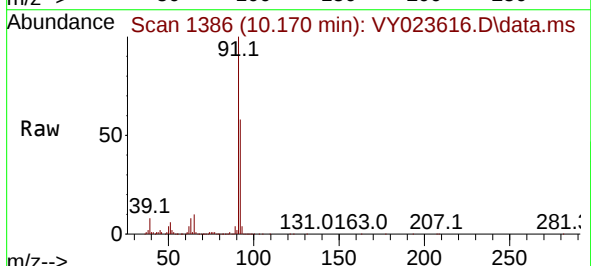
Manual Integrations
APPROVED

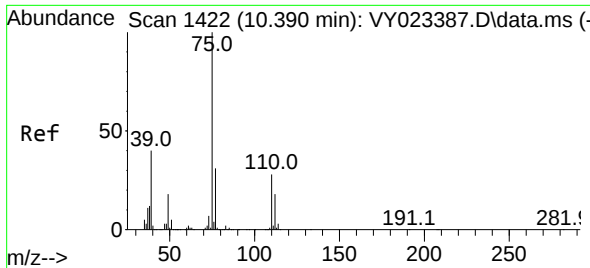
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
Toluene
Concen: 88.694 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

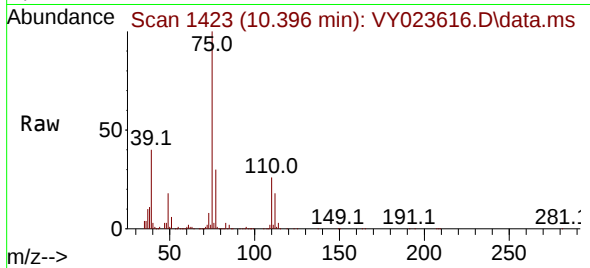
Tgt Ion: 92 Resp: 260686
Ion Ratio Lower Upper
92 100
91 173.1 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 93.903 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

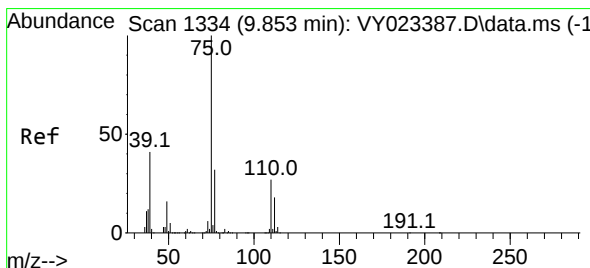
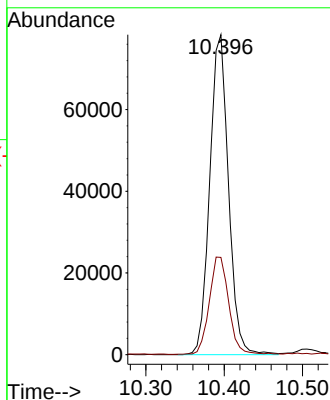
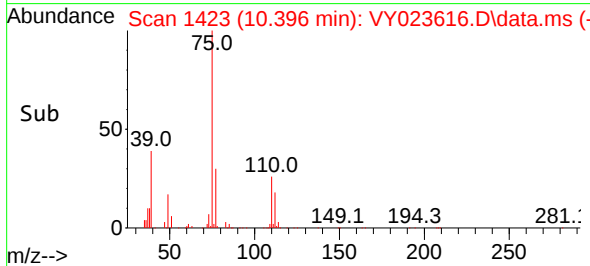
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 75 Resp: 130012
Ion Ratio Lower Upper
75 100
77 30.3 25.1 37.7

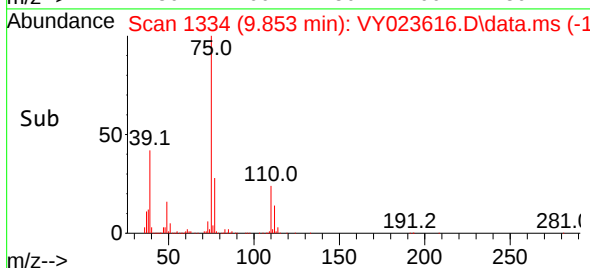
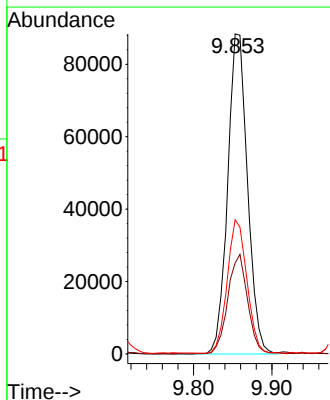
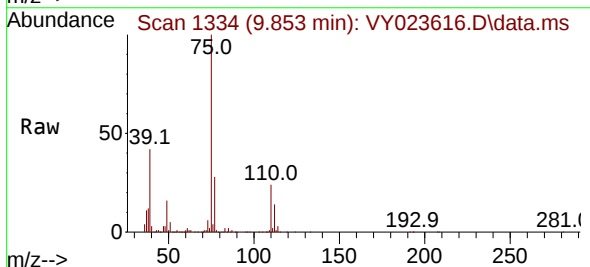
Manual Integrations
APPROVED

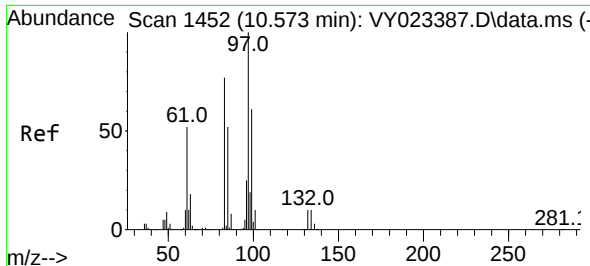
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
cis-1,3-Dichloropropene
Concen: 95.161 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

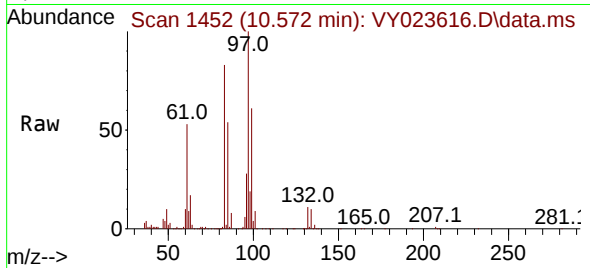
Tgt Ion: 75 Resp: 155501
Ion Ratio Lower Upper
75 100
77 28.3 25.4 38.0
39 41.6 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 115.647 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

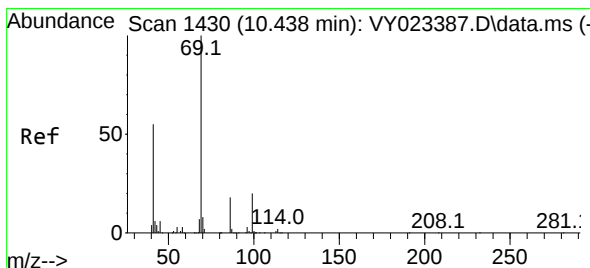
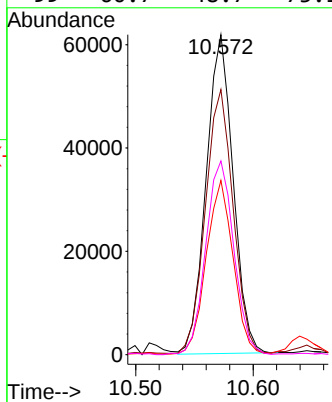
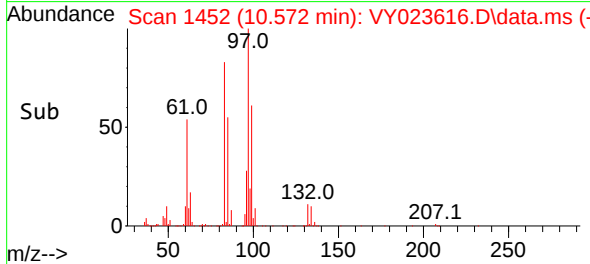
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



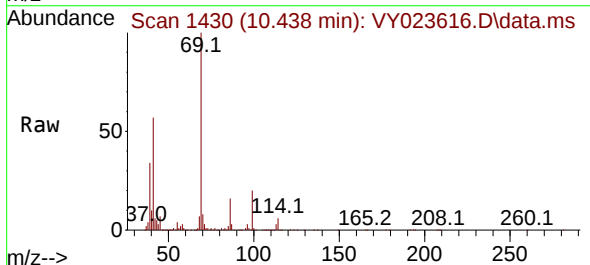
Tgt Ion:	97	Resp:	9832
Ion	Ratio	Lower	Upper
97	100		
83	82.9	61.8	92.6
85	54.4	41.3	61.9
99	60.7	48.7	73.1

Manual Integrations
APPROVED

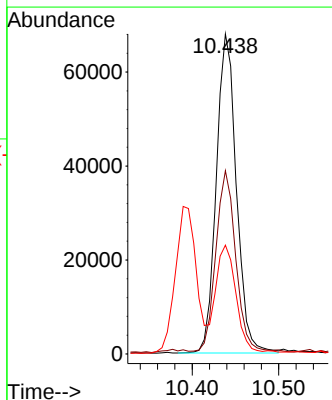
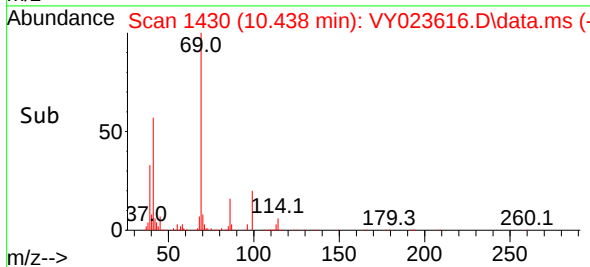
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

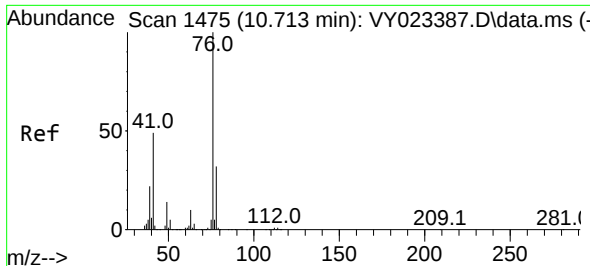


#56
Ethyl methacrylate
Concen: 111.683 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



Tgt Ion:	69	Resp:	109530
Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.6	67.0
39	34.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 113.318 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023616.D

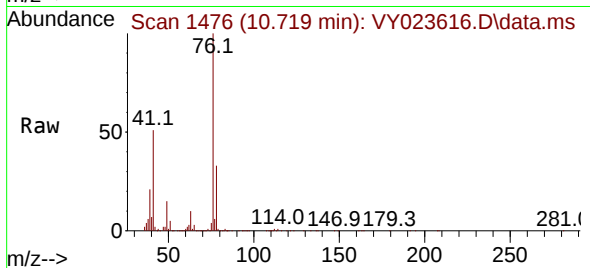
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion: 76 Resp: 15266

Ion Ratio Lower Upper

76 100

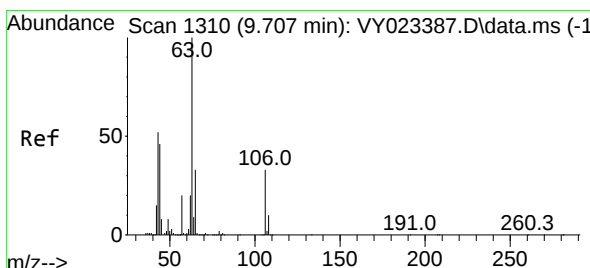
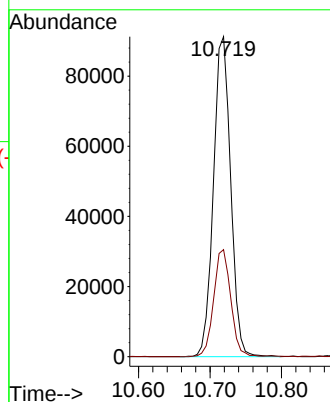
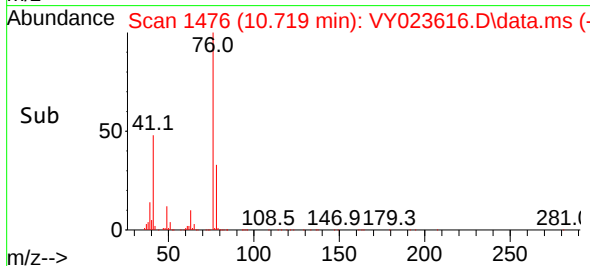
78 33.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 665.373 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023616.D

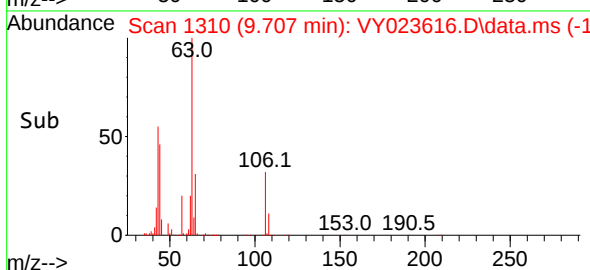
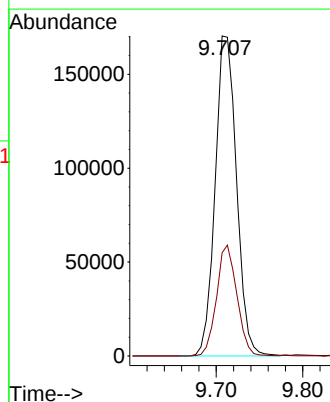
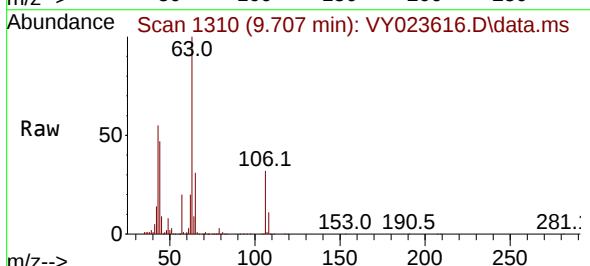
Acq: 29 Oct 2025 11:37

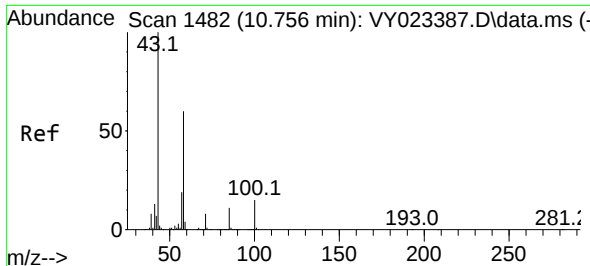
Tgt Ion: 63 Resp: 292322

Ion Ratio Lower Upper

63 100

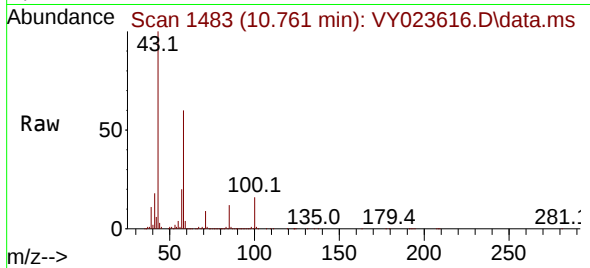
106 33.0 26.6 39.8





#59
2-Hexanone
Concen: 556.240 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

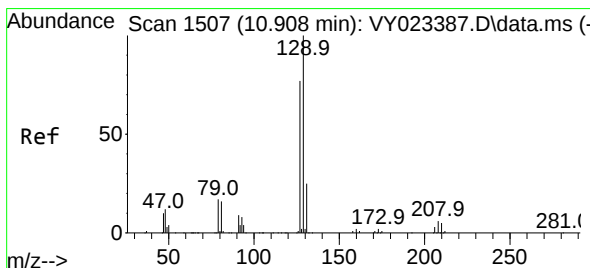
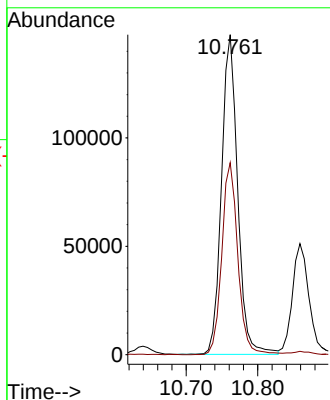
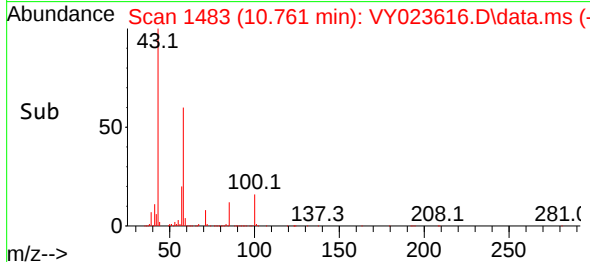
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 43 Resp: 231914
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5

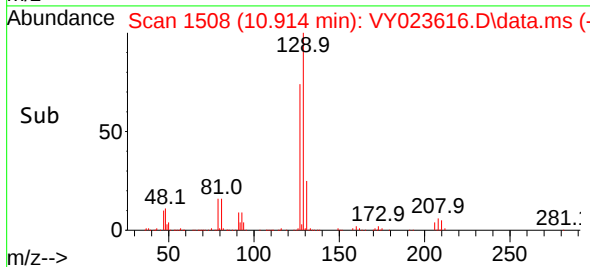
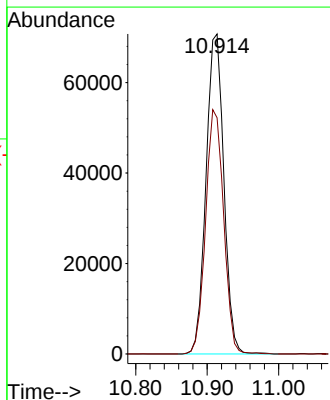
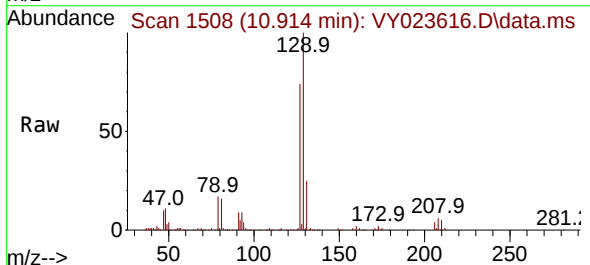
Manual Integrations
APPROVED

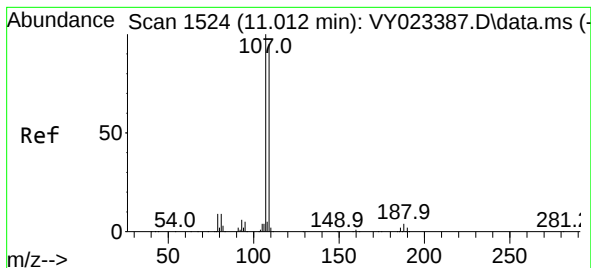
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
Dibromochloromethane
Concen: 102.618 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

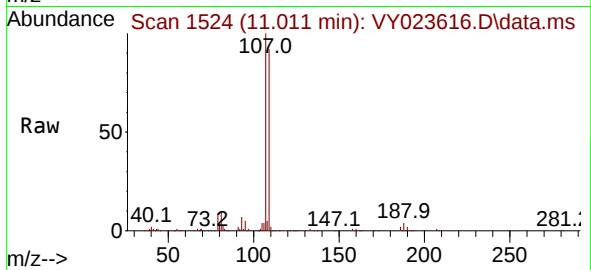
Tgt Ion:129 Resp: 122320
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 108.035 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

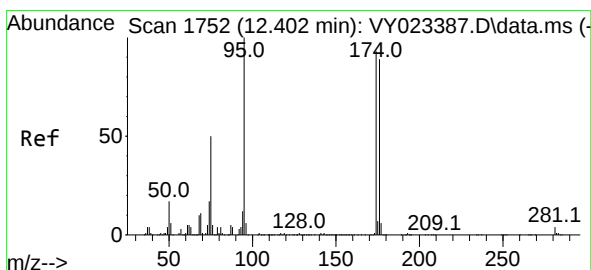
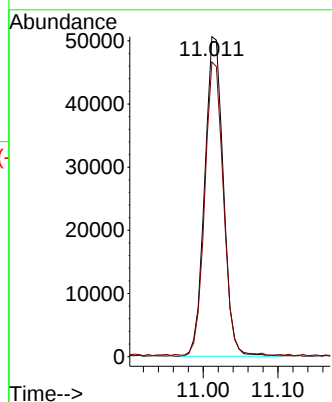
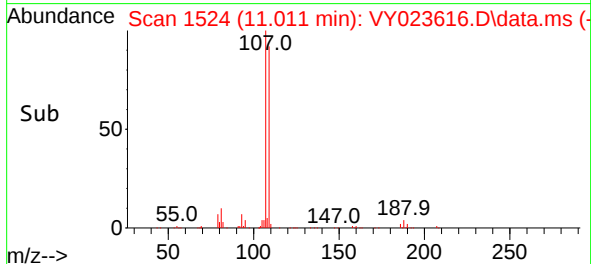
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion:107 Resp: 87598
Ion Ratio Lower Upper
107 100
109 91.4 76.1 114.1

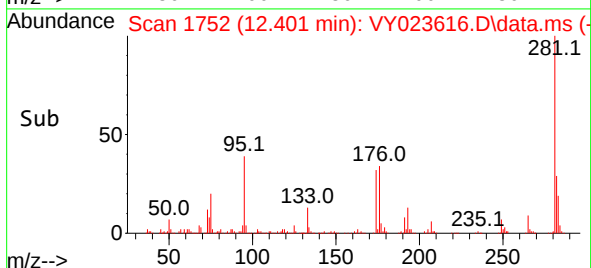
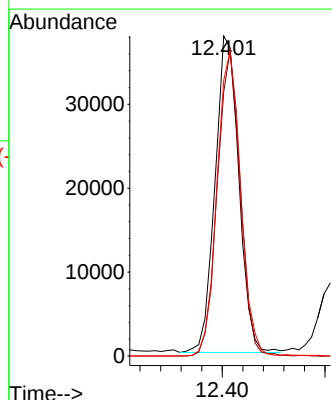
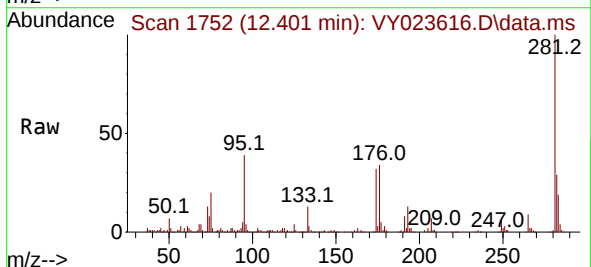
Manual Integrations
APPROVED

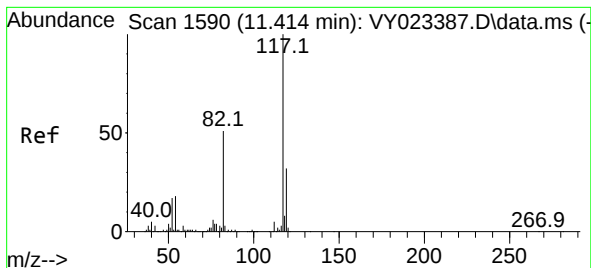
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#62
4-Bromofluorobenzene
Concen: 45.500 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion: 95 Resp: 60401
Ion Ratio Lower Upper
95 100
174 92.9 0.0 192.8
176 95.6 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: VY023616.D

Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

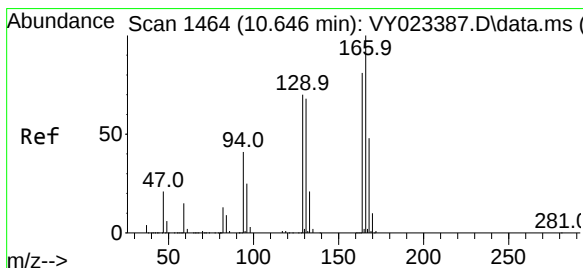
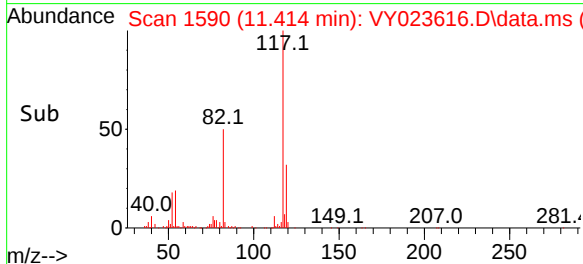
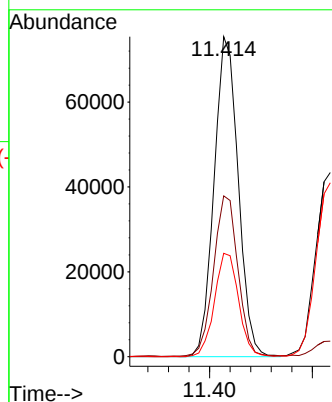
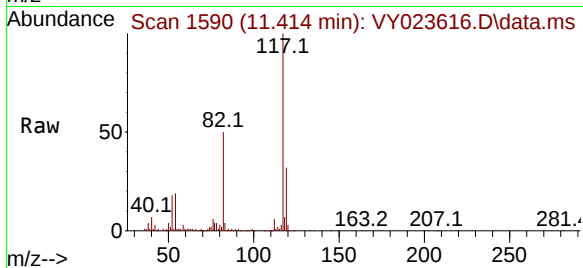
Tgt Ion:117	Resp: 12280
Ion Ratio	Lower Upper
117 100	
82 50.0	41.0 61.4
119 32.3	25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#64

Tetrachloroethene

Concen: 77.939 ug/l

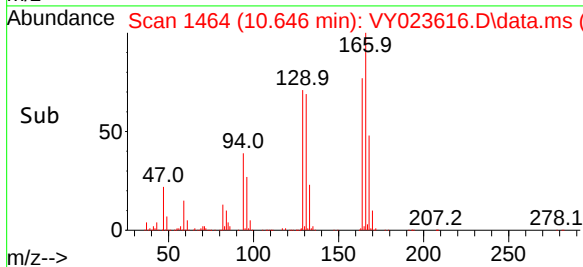
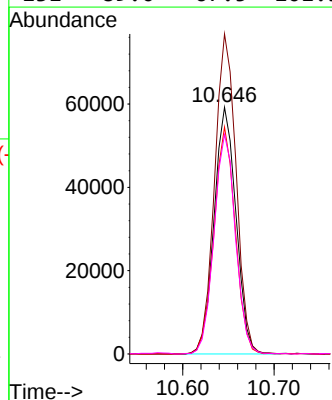
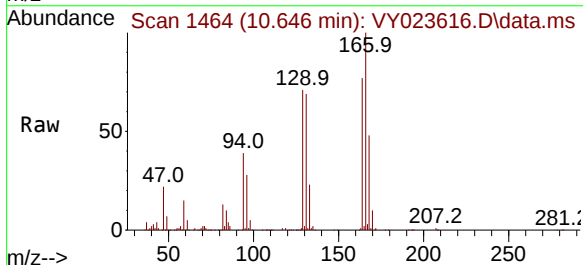
RT: 10.646 min Scan# 1464

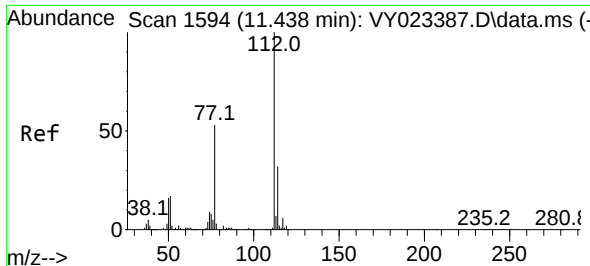
Delta R.T. -0.000 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

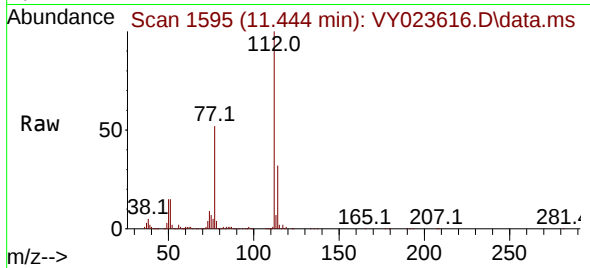
Tgt Ion:164	Resp: 98826
Ion Ratio	Lower Upper
164 100	
166 129.7	99.4 149.0
129 92.0	69.4 104.2
131 89.0	67.5 101.3





#65
Chlorobenzene
Concen: 91.424 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

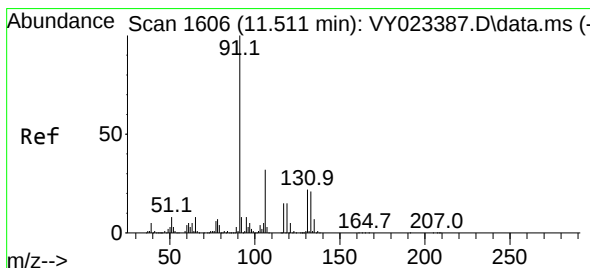
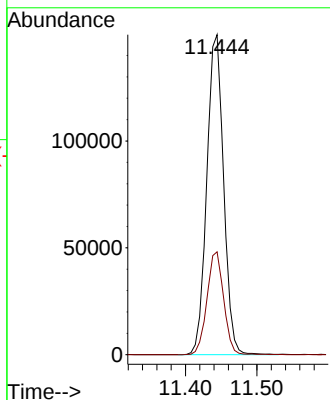
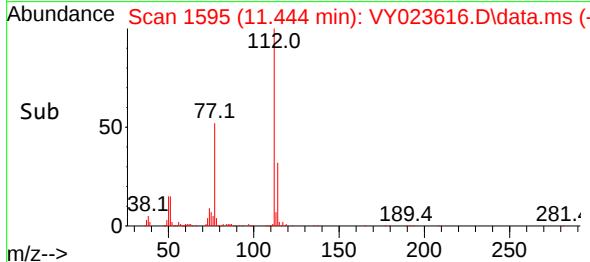
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:112 Resp: 244180
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

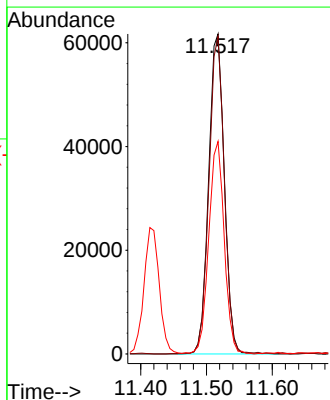
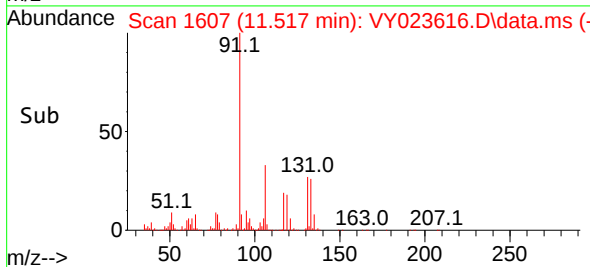
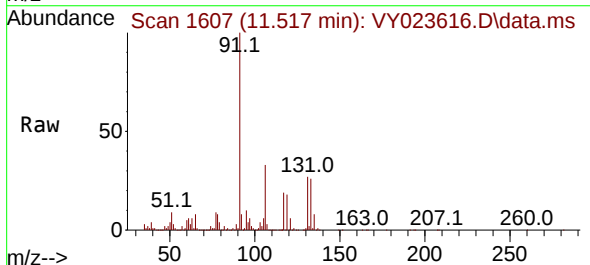
Manual Integrations
APPROVED

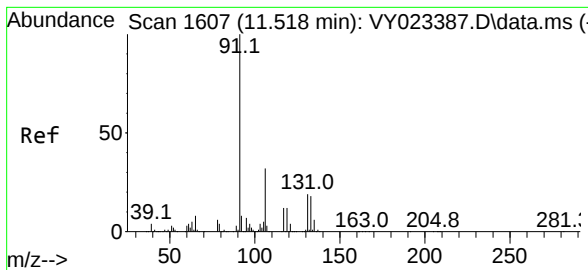
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 107.477 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

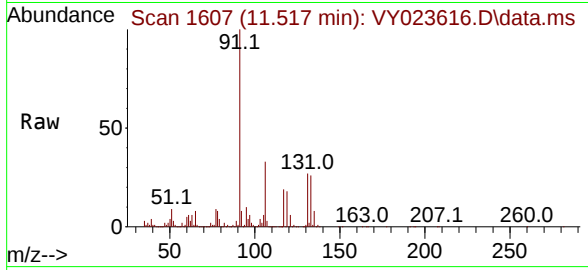
Tgt Ion:131 Resp: 102295
Ion Ratio Lower Upper
131 100
133 97.4 48.4 145.2
119 65.7 32.4 97.2





#67
Ethyl Benzene
Concen: 81.315 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

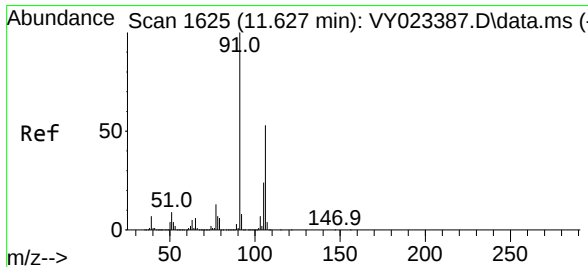
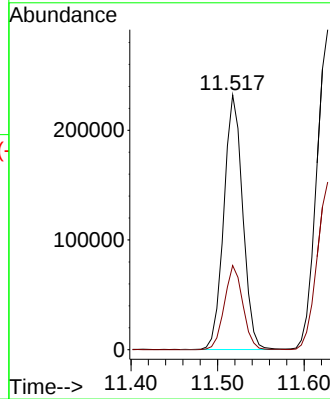
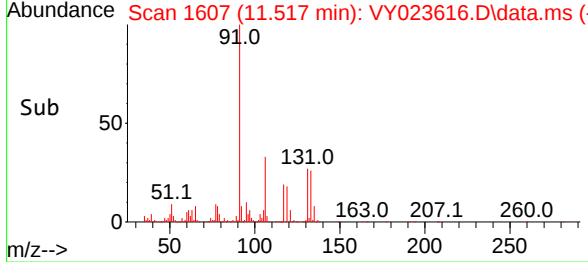
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 91 Resp: 351558
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.8

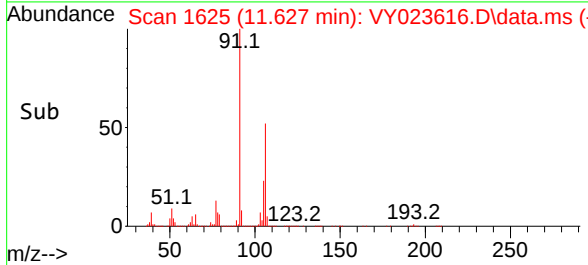
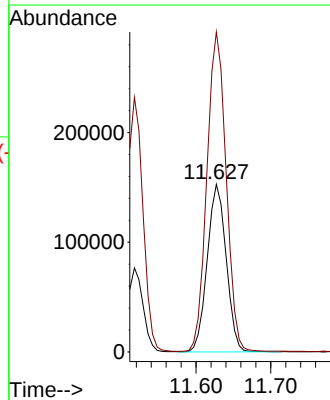
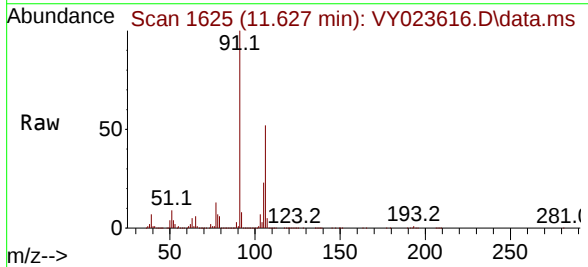
Manual Integrations
APPROVED

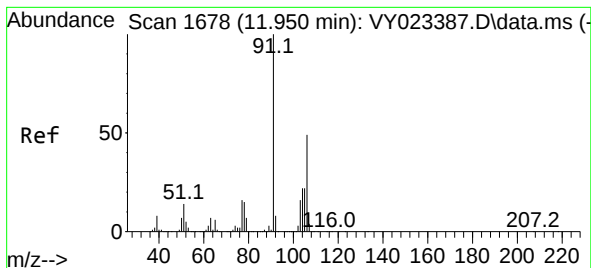
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
m/p-Xylenes
Concen: 155.088 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

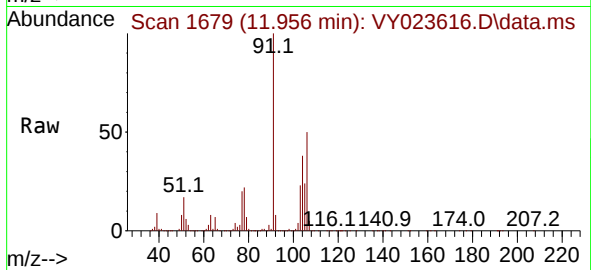
Tgt Ion:106 Resp: 268938
Ion Ratio Lower Upper
106 100
91 194.0 152.6 229.0





#69
o-Xylene
Concen: 78.669 ug/l
RT: 11.956 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

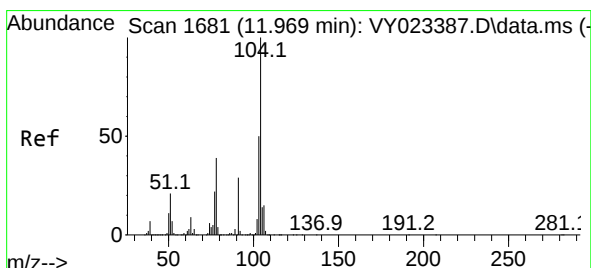
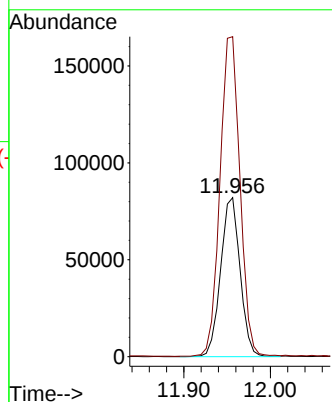
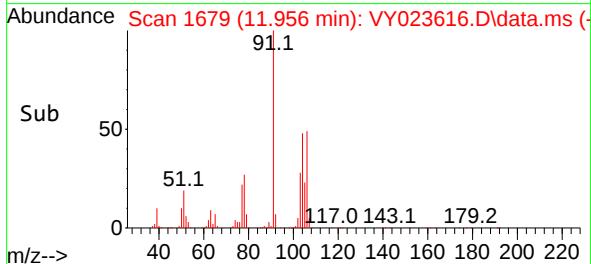
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:106 Resp: 12795
Ion Ratio Lower Upper
106 100
91 206.8 101.4 304.1

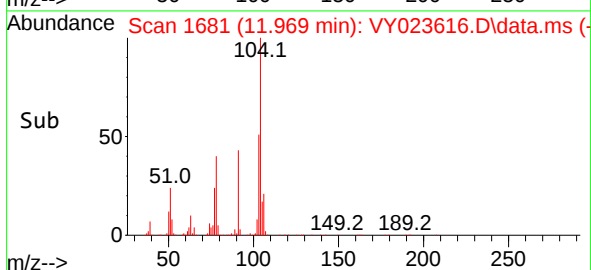
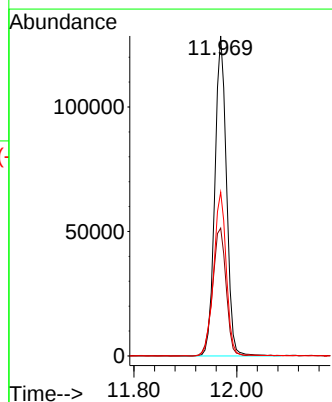
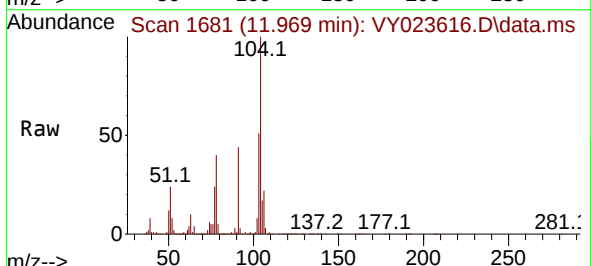
Manual Integrations
APPROVED

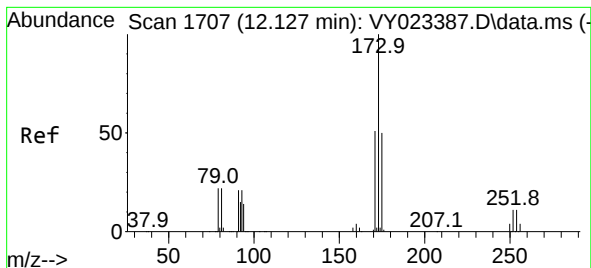
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Styrene
Concen: 75.790 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion:104 Resp: 202720
Ion Ratio Lower Upper
104 100
78 46.0 36.1 54.1
103 55.2 43.2 64.8





#71

Bromoform

Concen: 107.956 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

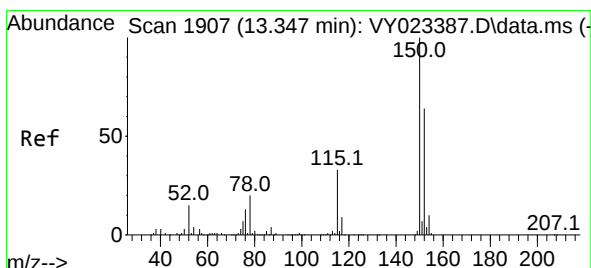
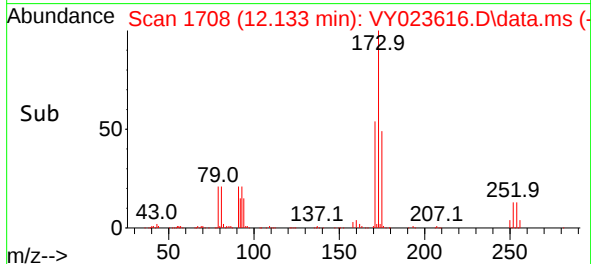
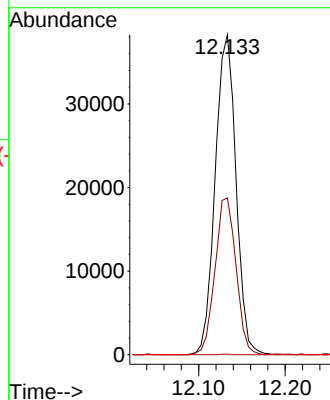
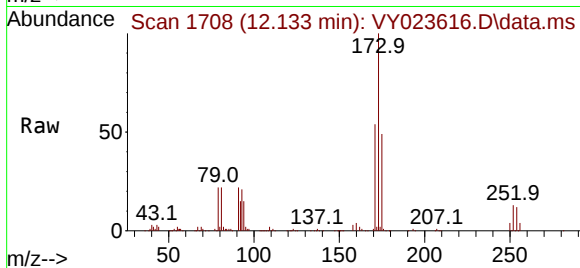
Tgt Ion:173	Resp: 63730
Ion Ratio	Lower Upper
173 100	
175 49.6	24.8 74.3
254 0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

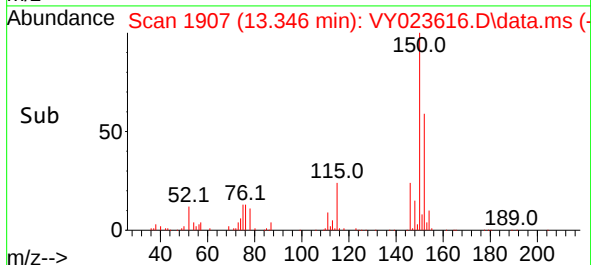
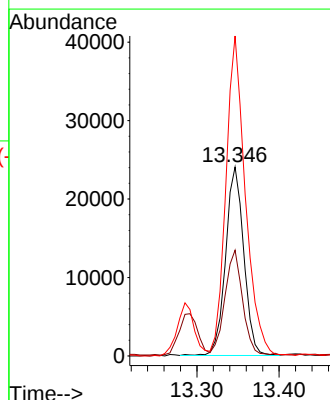
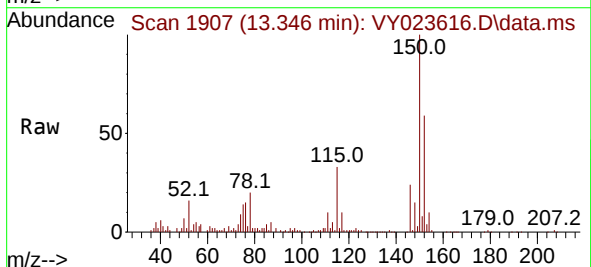
RT: 13.346 min Scan# 1907

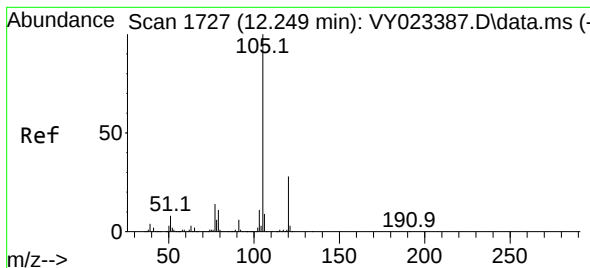
Delta R.T. -0.000 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

Tgt Ion:152	Resp: 36888
Ion Ratio	Lower Upper
152 100	
115 53.9	27.1 81.2
150 181.7	0.0 347.4





#73

Isopropylbenzene

Concen: 100.109 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023616.D

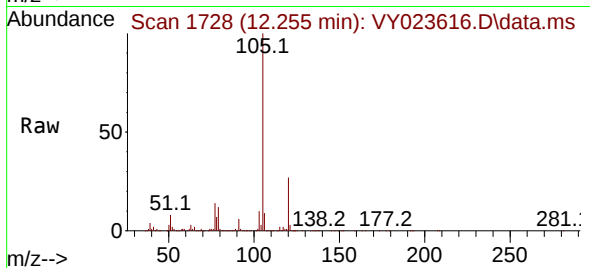
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion:105 Resp: 24336

Ion Ratio Lower Upper

105 100

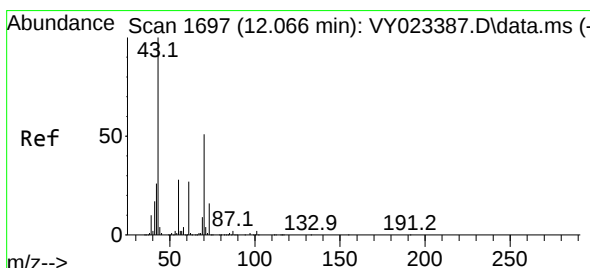
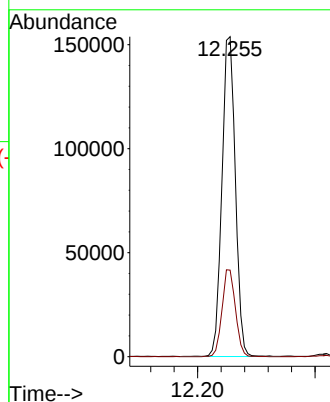
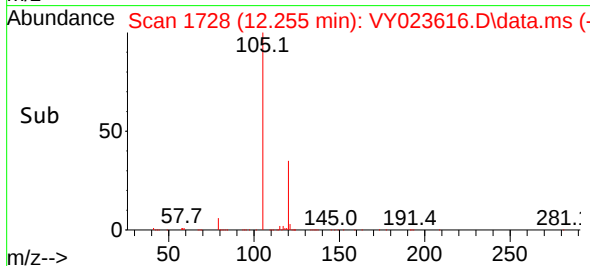
120 27.1 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#74

N-ethyl acetate

Concen: 126.663 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

Tgt Ion: 43 Resp: 55306

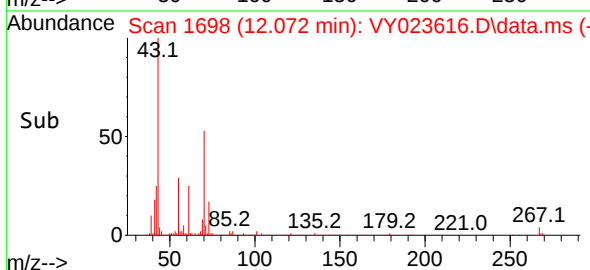
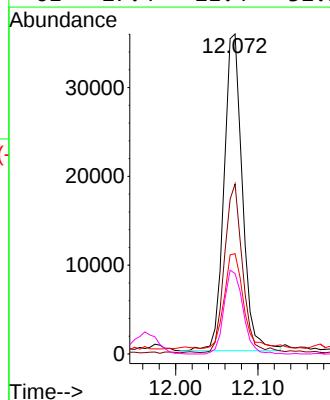
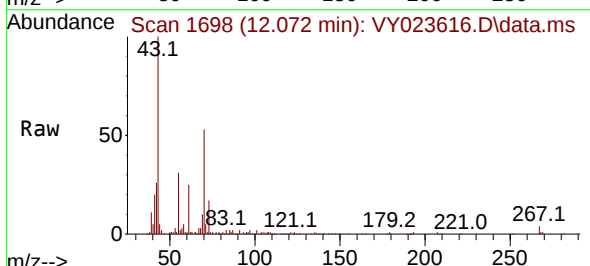
Ion Ratio Lower Upper

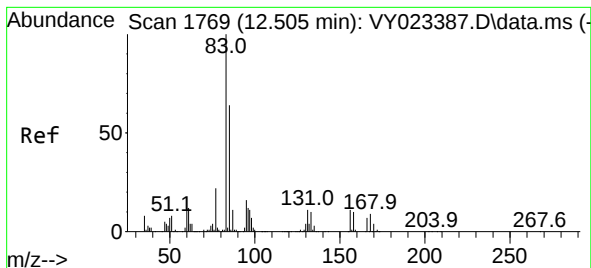
43 100

70 51.9 41.1 61.7

55 32.1 23.0 34.6

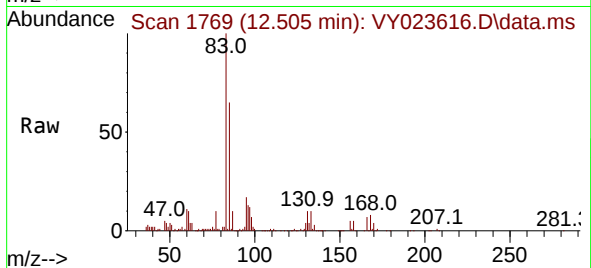
61 27.4 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 193.269 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

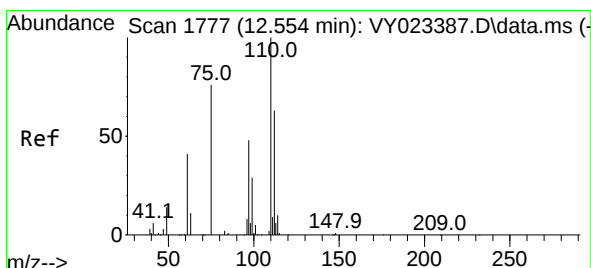
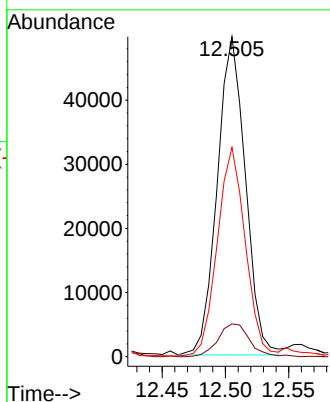
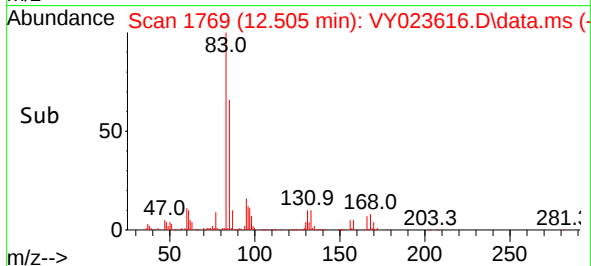
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



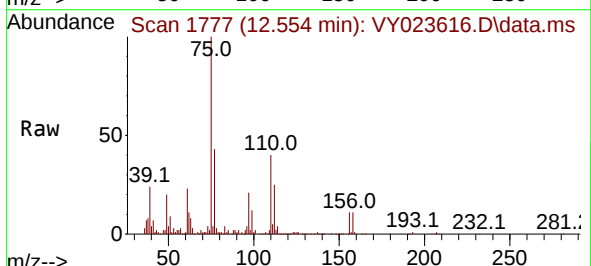
Tgt Ion: 83 Resp: 76844
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 65.0 31.8 95.3

Manual Integrations
APPROVED

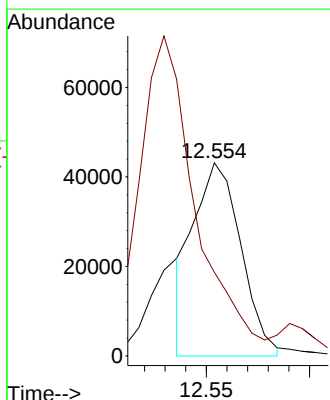
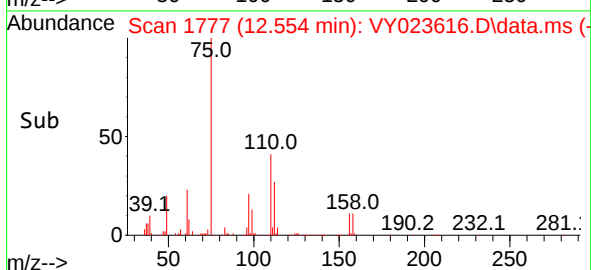
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

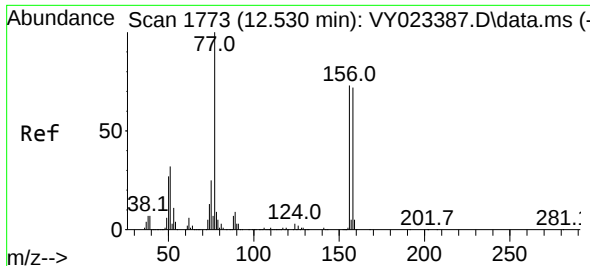


#76
1,2,3-Trichloropropane
Concen: 213.191 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



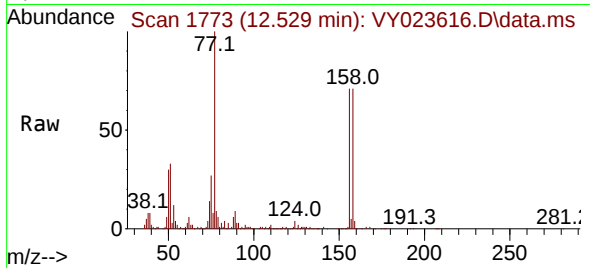
Tgt Ion: 75 Resp: 69383
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 125.021 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

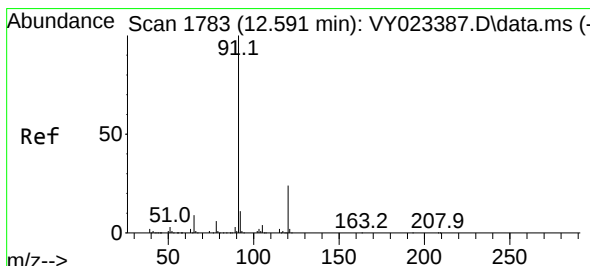
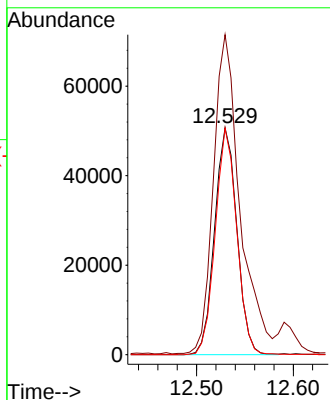
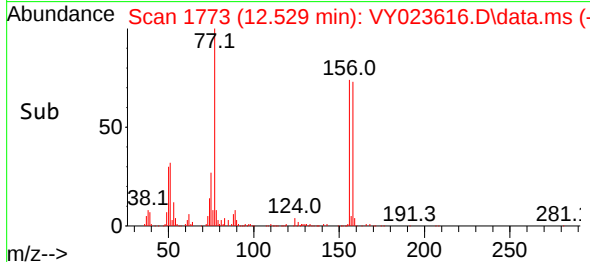
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:156 Resp: 80798
Ion Ratio Lower Upper
156 100
77 167.9 76.8 230.5
158 96.6 49.0 147.2

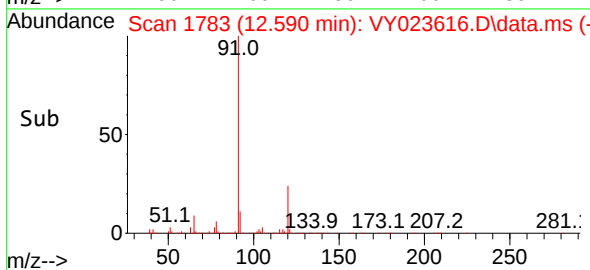
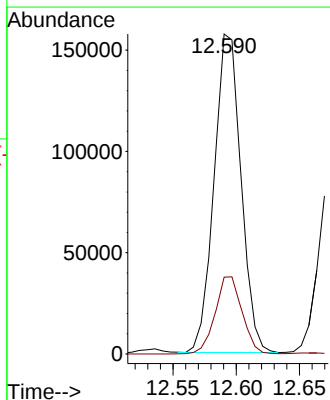
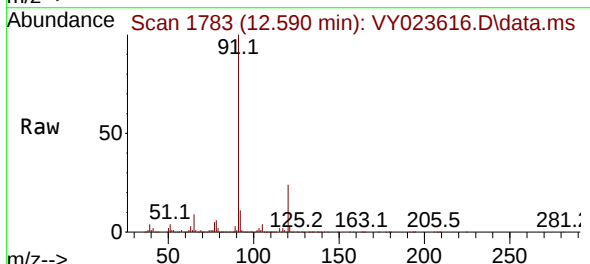
Manual Integrations
APPROVED

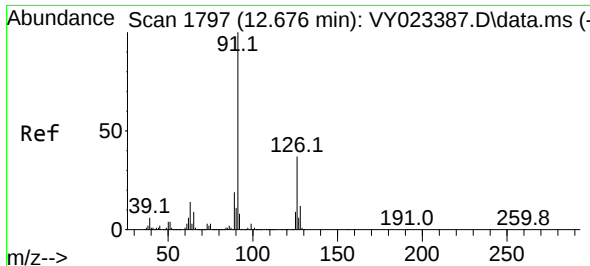
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#78
n-propylbenzene
Concen: 82.661 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion: 91 Resp: 232536
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8





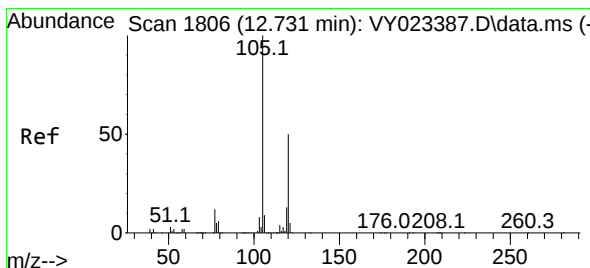
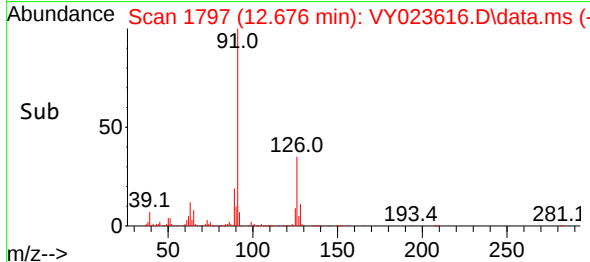
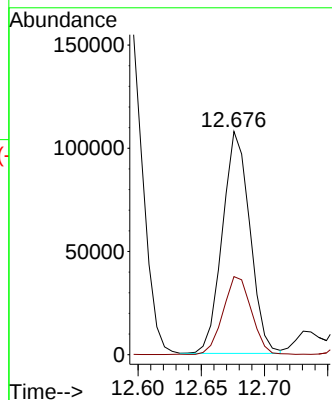
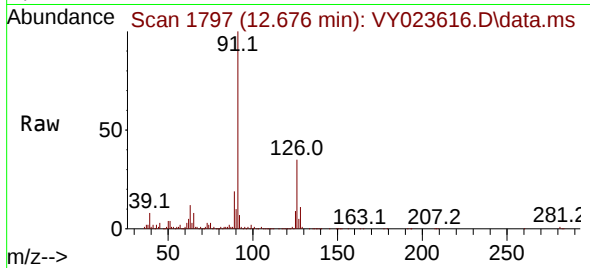
#79
2-Chlorotoluene
Concen: 98.785 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD

Tgt Ion: 91 Resp: 162734
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5

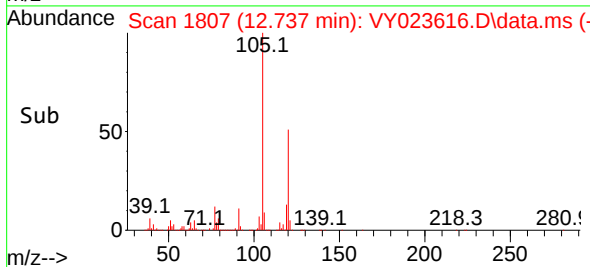
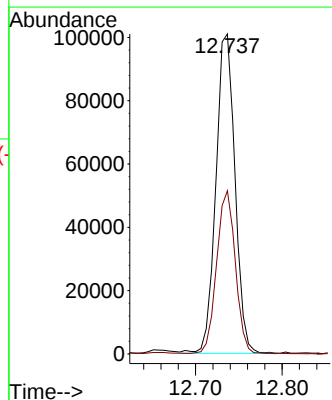
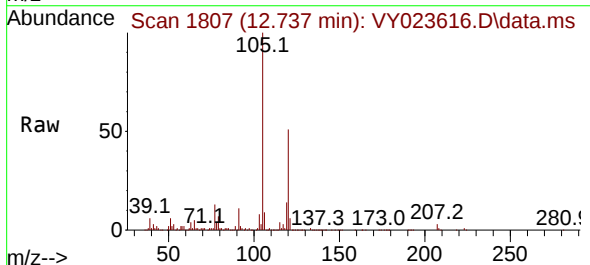
Manual Integrations
APPROVED

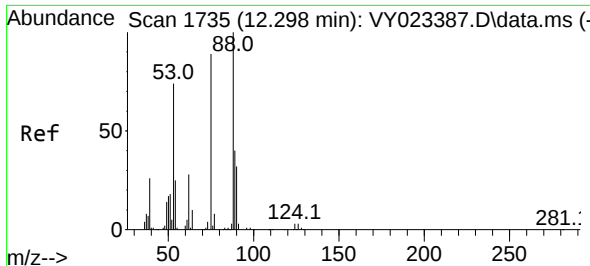
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 78.698 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

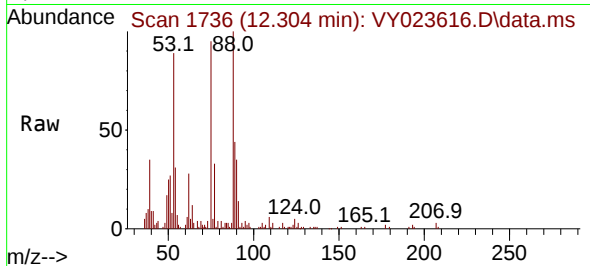
Tgt Ion:105 Resp: 154594
Ion Ratio Lower Upper
105 100
120 49.9 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 131.625 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

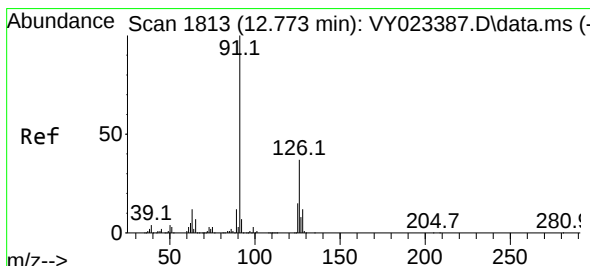
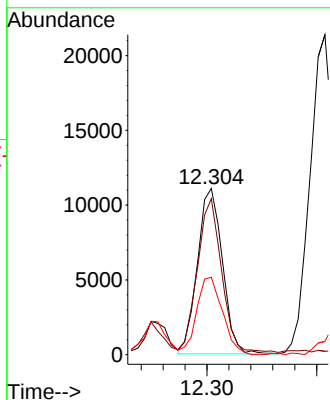
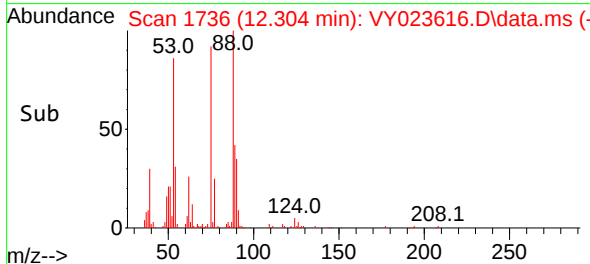
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 75 Resp: 17469
Ion Ratio Lower Upper
75 100
53 89.8 68.6 102.8
89 48.5 39.0 58.4

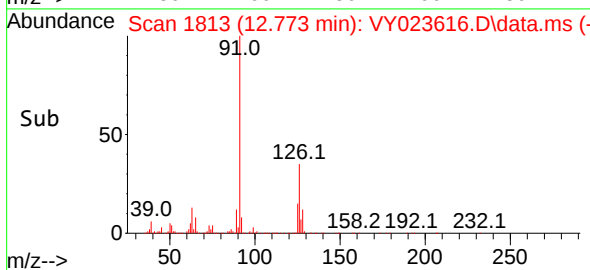
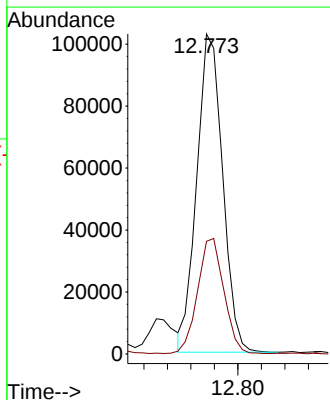
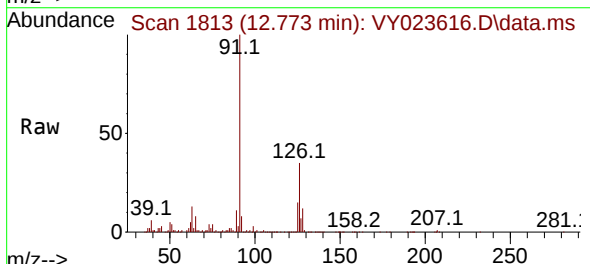
Manual Integrations
APPROVED

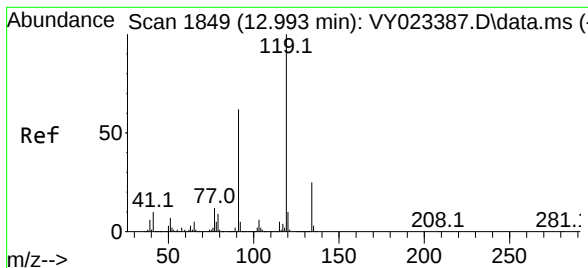
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#82
4-Chlorotoluene
Concen: 92.767 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

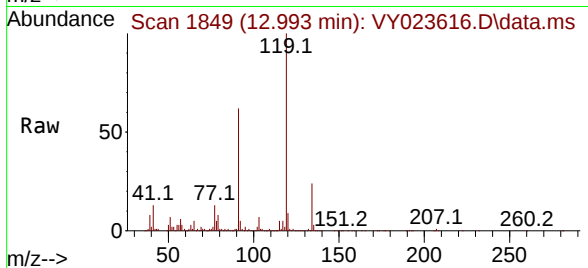
Tgt Ion: 91 Resp: 157386
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4





#83
tert-Butylbenzene
Concen: 69.777 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

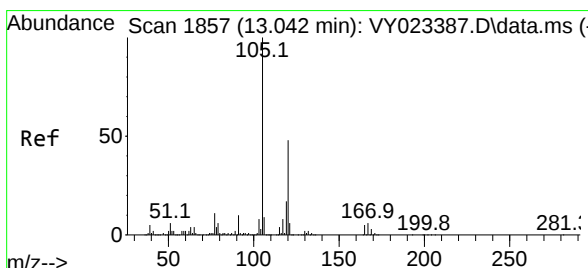
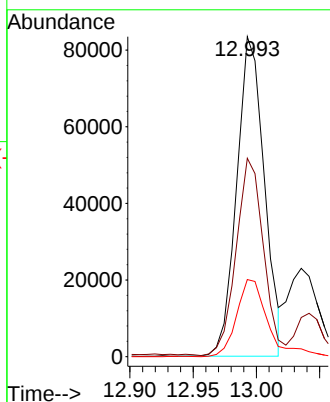
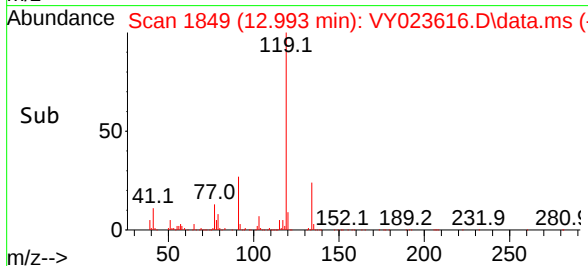
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



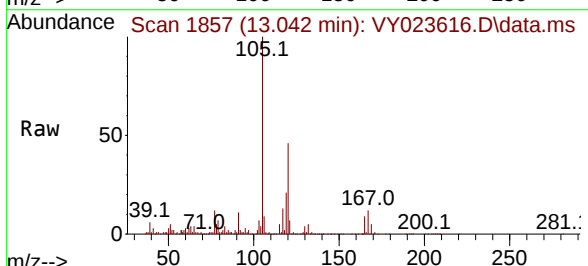
Tgt Ion:119 Resp: 126558
Ion Ratio Lower Upper
119 100
91 61.3 29.9 89.8
134 27.5 12.9 38.7

Manual Integrations
APPROVED

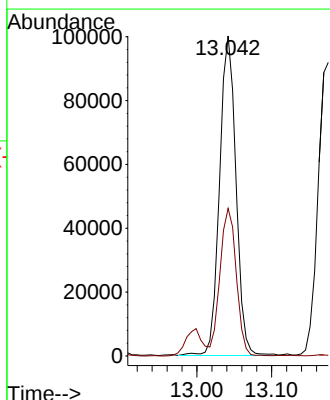
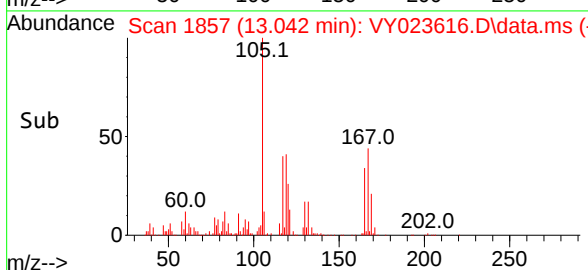
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

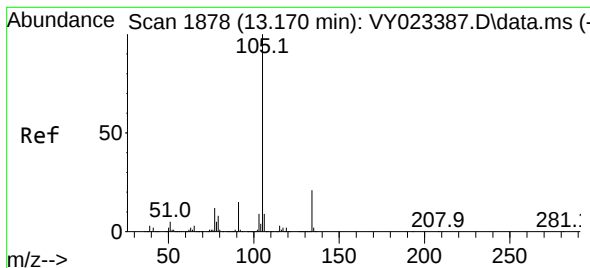


#84
1,2,4-Trimethylbenzene
Concen: 78.168 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37



Tgt Ion:105 Resp: 153245
Ion Ratio Lower Upper
105 100
120 45.4 23.8 71.2





#85

sec-Butylbenzene

Concen: 54.836 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion:105 Resp: 14267

Ion Ratio Lower Upper

105 100

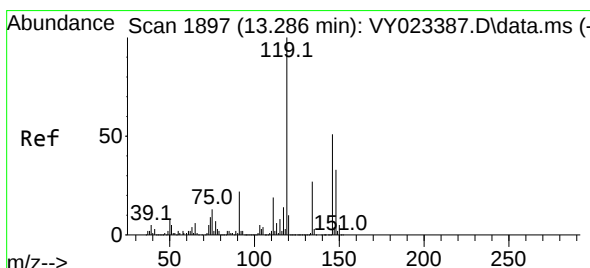
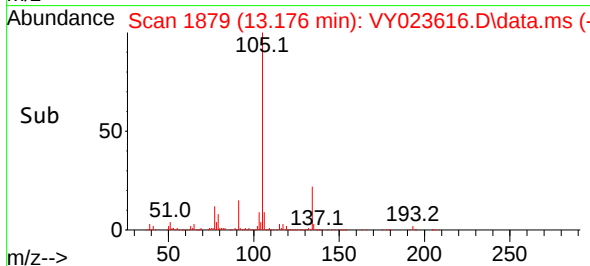
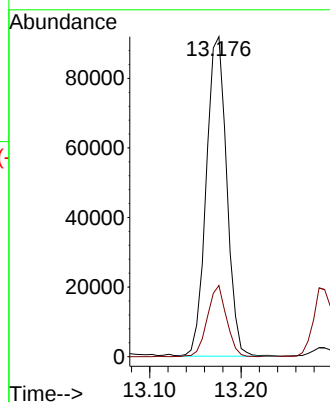
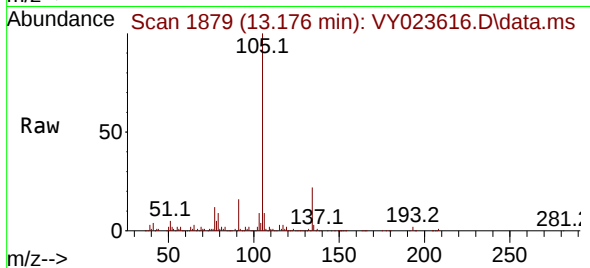
134 20.9 10.7 32.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#86

p-Isopropyltoluene

Concen: 50.640 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

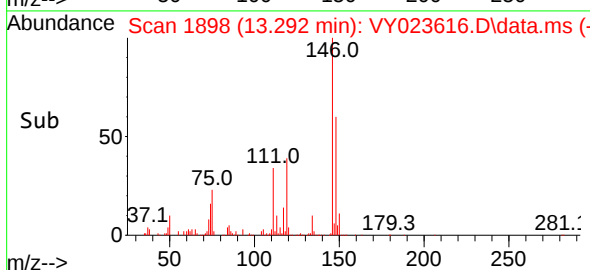
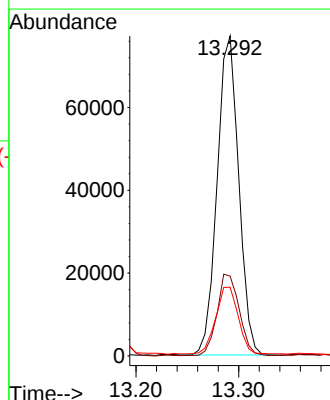
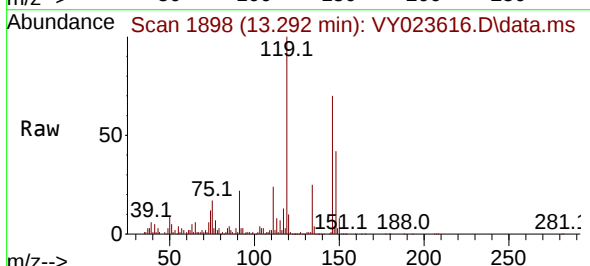
Tgt Ion:119 Resp: 112180

Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.7

91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 75.247 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023616.D

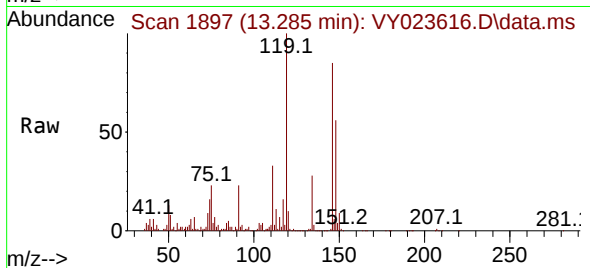
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



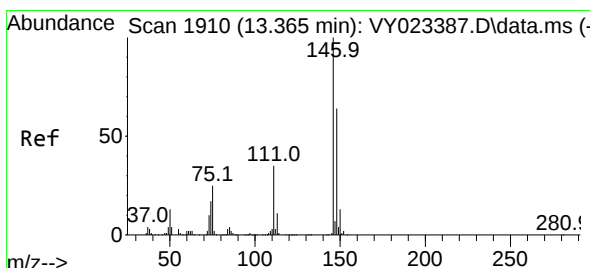
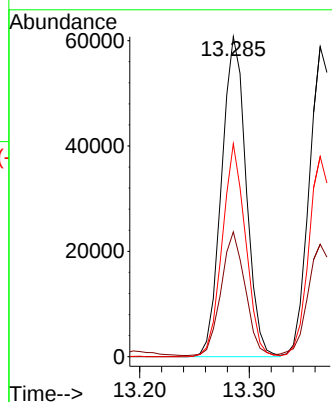
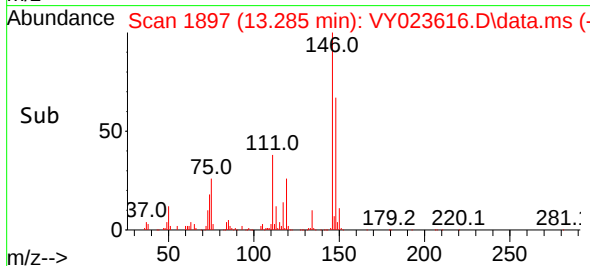
Tgt Ion:	146	Resp:	94698
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	63.1	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,4-Dichlorobenzene

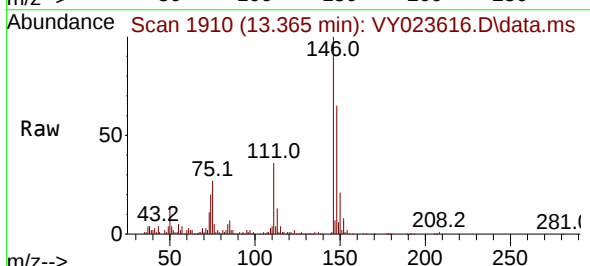
Concen: 72.685 ug/l

RT: 13.365 min Scan# 1910

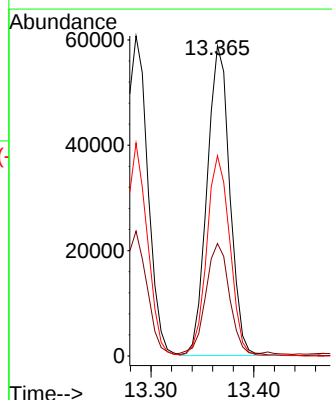
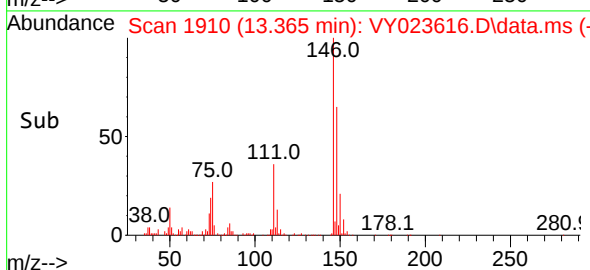
Delta R.T. -0.000 min

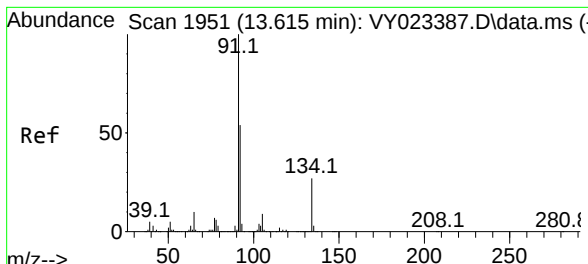
Lab File: VY023616.D

Acq: 29 Oct 2025 11:37



Tgt Ion:	146	Resp:	90343
Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.0	54.0
148	65.1	31.9	95.7



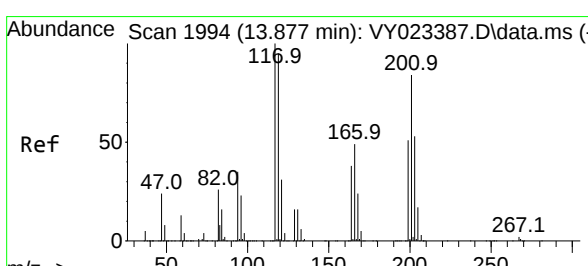
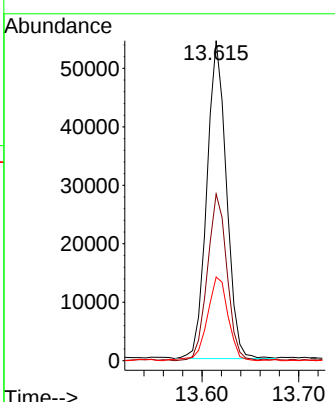
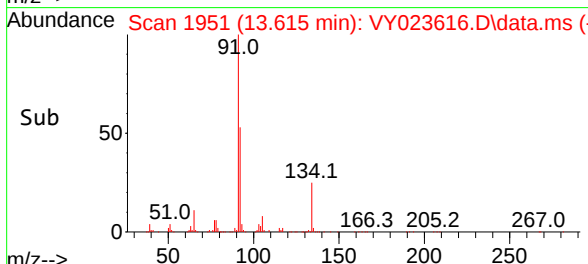
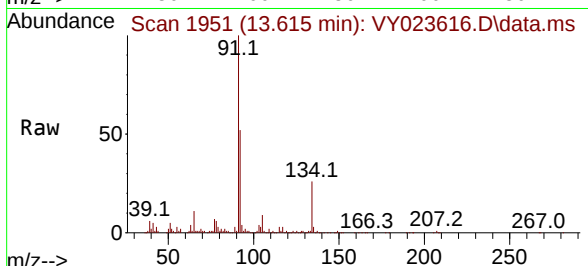


#89
 n-Butylbenzene
 Concen: 39.626 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MSD

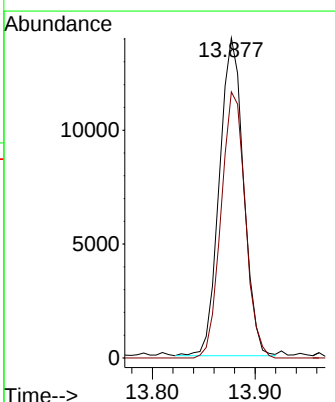
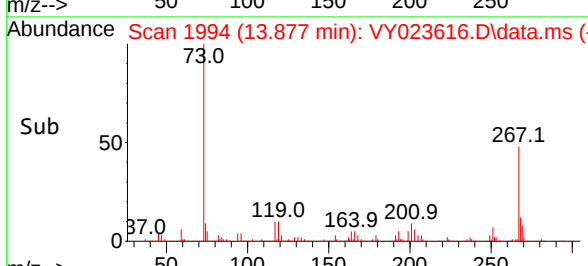
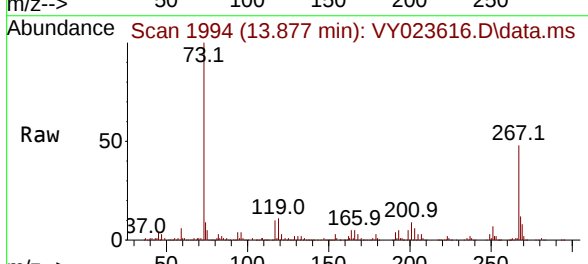
Tgt Ion: 91	Resp: 7648
Ion Ratio	Lower Upper
91	100
92	52.4 27.0 80.8
134	28.1 14.1 42.2

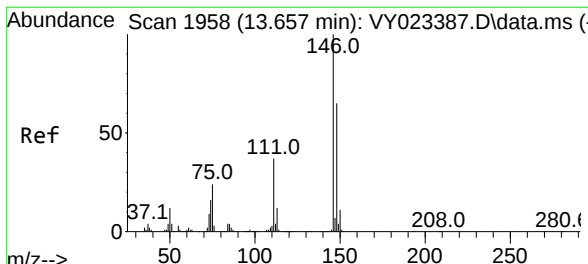
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#90
 Hexachloroethane
 Concen: 47.856 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

Tgt Ion:117	Resp: 22801
Ion Ratio	Lower Upper
117	100
201	83.7 43.8 131.4



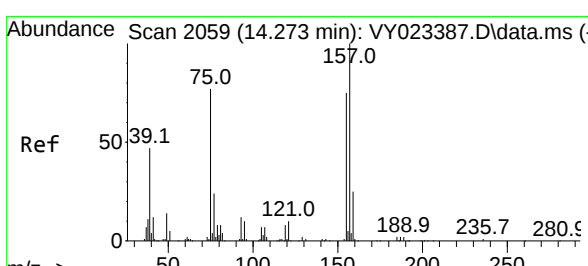
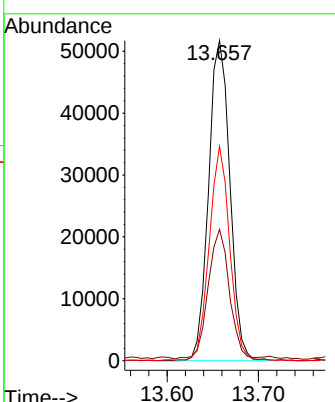
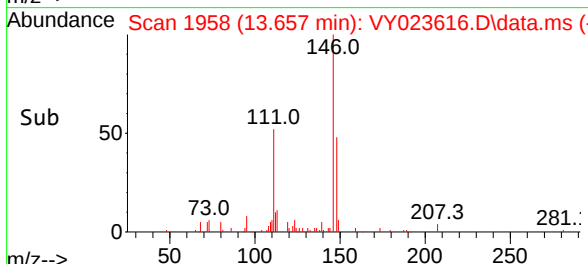
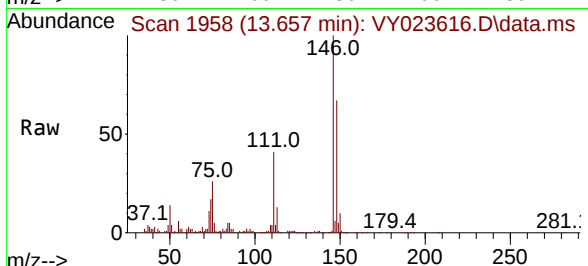


#91
 1,2-Dichlorobenzene
 Concen: 75.800 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MSD

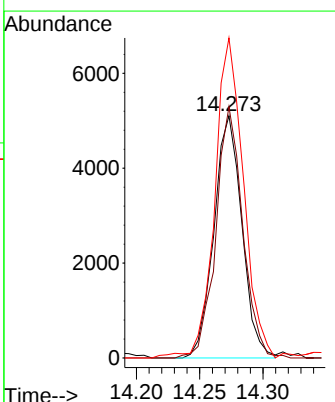
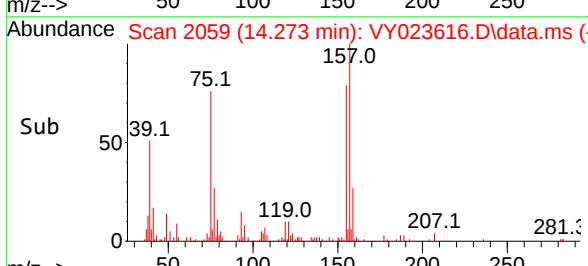
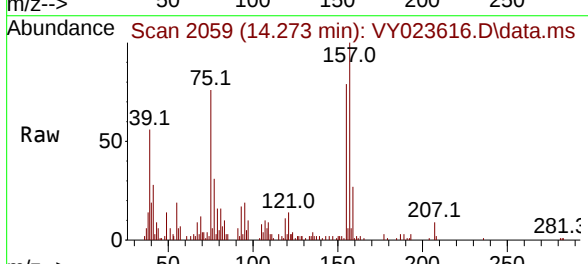
Tgt Ion:	146	Resp:	83634
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.0	57.0
148	64.5	32.1	96.3

Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 120.250 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023616.D
 Acq: 29 Oct 2025 11:37

Tgt Ion:	75	Resp:	7845
Ion Ratio	Lower	Upper	
75	100		
155	99.5	50.0	150.0
157	135.7	63.8	191.5





#93

1,2,4-Trichlorobenzene

Concen: 27.993 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023616.D

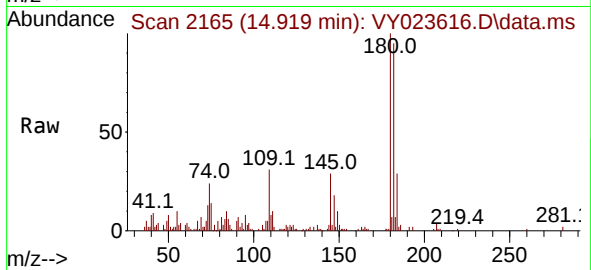
Acq: 29 Oct 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



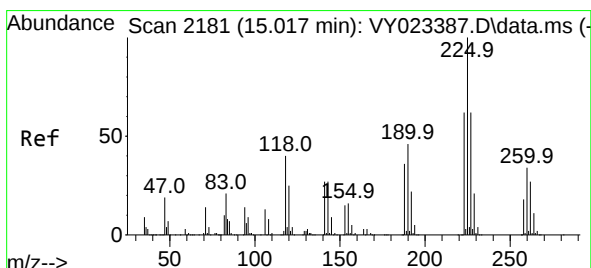
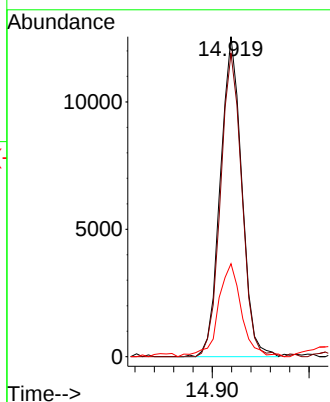
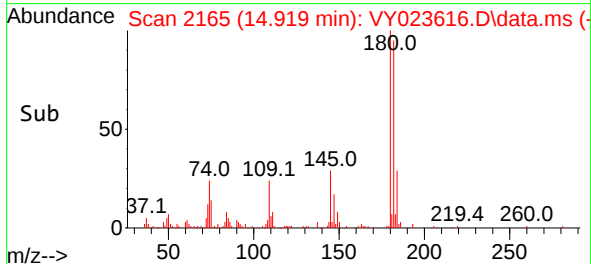
Tgt Ion:	180	Resp:	1925
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.9	143.6
145	31.5	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#94

Hexachlorobutadiene

Concen: 14.236 ug/l

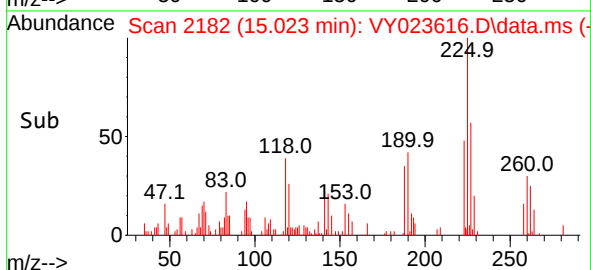
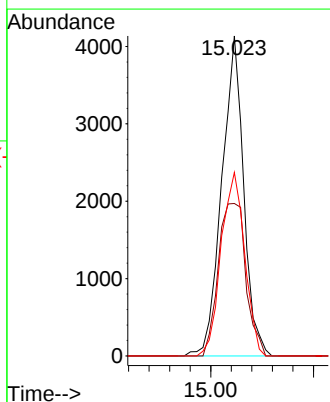
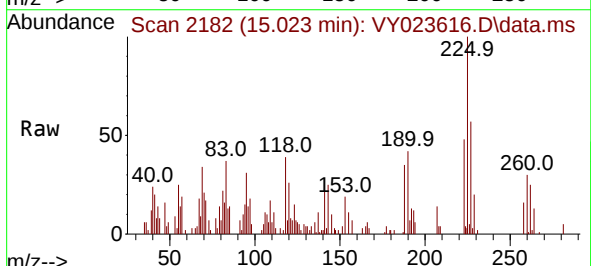
RT: 15.023 min Scan# 2182

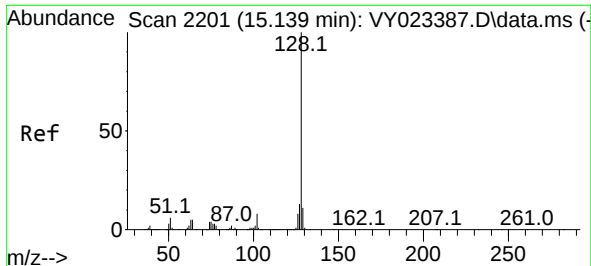
Delta R.T. 0.006 min

Lab File: VY023616.D

Acq: 29 Oct 2025 11:37

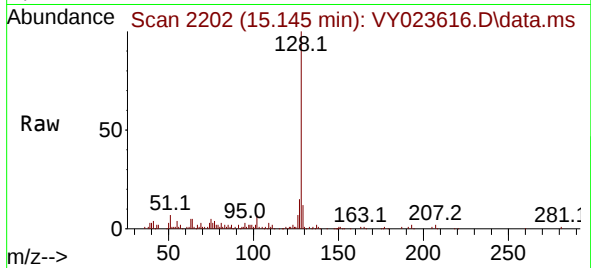
Tgt Ion:	225	Resp:	6104
Ion Ratio	Lower	Upper	
225	100		
223	60.1	30.8	92.3
227	61.7	31.9	95.7





#95
Naphthalene
Concen: 43.815 ug/l
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

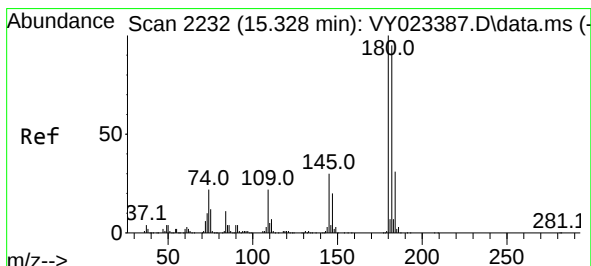
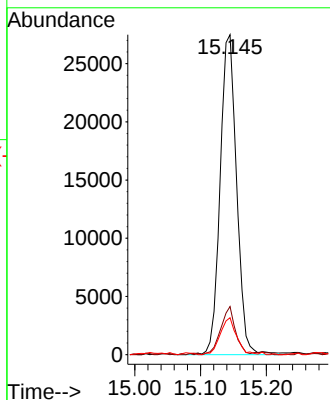
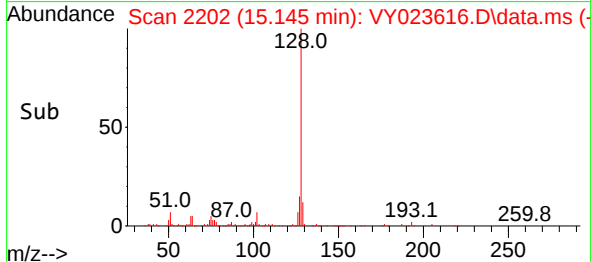
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:128 Resp: 47992
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 25.443 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY023616.D
Acq: 29 Oct 2025 11:37

Tgt Ion:180 Resp: 15159
Ion Ratio Lower Upper
180 100
182 97.5 47.9 143.8
145 34.6 15.3 45.9

