

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023615.D
 Acq On : 29 Oct 2025 11:15
 Operator : SY/MD
 Sample : Q3419-02MS
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 30 03:15:05 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	255023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	349654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99603	46.706	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.634	113	99026	46.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.180%		
50) Toluene-d8	10.109	98	309005	38.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	77.240%		
62) 4-Bromofluorobenzene	12.407	95	74498	28.202	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	56.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73799	40.204	ug/l	100
3) Chloromethane	2.074	50	88300	35.311	ug/l	99
4) Vinyl Chloride	2.208	62	124297	38.163	ug/l	98
5) Bromomethane	2.598	94	90122	32.972	ug/l	99
6) Chloroethane	2.738	64	85972	38.724	ug/l	98
7) Trichlorofluoromethane	3.062	101	190087	42.033	ug/l	97
8) Diethyl Ether	3.458	74	52443	44.379	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	99120	42.238	ug/l	99
10) Methyl Iodide	4.007	142	74563	28.541	ug/l	100
11) Tert butyl alcohol	4.860	59	50005	315.193	ug/l	99
12) 1,1-Dichloroethene	3.793	96	91637	40.282	ug/l	96
13) Acrolein	3.665	56	1945	8.676	ug/l	95
14) Allyl chloride	4.385	41	99640	35.940	ug/l	96
15) Acrylonitrile	5.061	53	155873	344.676	ug/l	99
16) Acetone	3.866	43	219042	431.448	ug/l	99
17) Carbon Disulfide	4.110	76	261566	40.173	ug/l	99
18) Methyl Acetate	4.385	43	119567	89.780	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	267628	48.949	ug/l	98
20) Methylene Chloride	4.616	84	118626	43.211	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	92604	36.974	ug/l	96
22) Diisopropyl ether	6.024	45	270802	44.158	ug/l	99
23) Vinyl Acetate	5.964	43	593476	178.791	ug/l	99
24) 1,1-Dichloroethane	5.921	63	164254	40.434	ug/l	98
25) 2-Butanone	6.896	43	217964	351.663	ug/l	97
26) 2,2-Dichloropropane	6.890	77	157485	42.250	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	110751	38.282	ug/l	98
28) Bromochloromethane	7.244	49	70554	46.525	ug/l	96
29) Tetrahydrofuran	7.262	42	114792	326.600	ug/l	99
30) Chloroform	7.421	83	180808	40.511	ug/l	100
31) Cyclohexane	7.707	56	106366	29.983	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	163371	40.279	ug/l	99
36) 1,1-Dichloropropene	7.835	75	115673	40.668	ug/l	100
37) Ethyl Acetate	6.982	43	76357	67.762	ug/l	98
38) Carbon Tetrachloride	7.823	117	133193	38.619	ug/l	100
39) Methylcyclohexane	9.109	83	87065	23.510	ug/l	95
40) Benzene	8.085	78	371961	41.293	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	42672m	70.018	ug/l	
42) 1,2-Dichloroethane	8.158	62	114257	49.183	ug/l	100
43) Isopropyl Acetate	8.201	43	134302	59.771	ug/l	99
44) Trichloroethene	8.865	130	99459	37.724	ug/l	99
45) 1,2-Dichloropropane	9.140	63	86339	43.395	ug/l	96
46) Dibromomethane	9.231	93	61813	49.133	ug/l	97
47) Bromodichloromethane	9.420	83	136995	43.236	ug/l	99
48) Methyl methacrylate	9.225	41	62443	59.154	ug/l	99
49) 1,4-Dioxane	9.225	88	21387	1466.213	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	398597	343.344	ug/l	99
52) Toluene	10.170	92	216049	36.940	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	109584	39.775	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	121022	37.219	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	86106	50.896	ug/l	96
56) Ethyl methacrylate	10.438	69	104290	53.440	ug/l	99
57) 1,3-Dichloropropane	10.719	76	132485	49.419	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	307797	352.078	ug/l	98
59) 2-Hexanone	10.761	43	271277	326.978	ug/l	99
60) Dibromochloromethane	10.908	129	105421	44.445	ug/l	99
61) 1,2-Dibromoethane	11.017	107	79987	49.574	ug/l	99
64) Tetrachloroethene	10.646	164	92955	37.666	ug/l	99
65) Chlorobenzene	11.444	112	210974	40.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	86485	46.687	ug/l	98
67) Ethyl Benzene	11.517	91	309393	36.769	ug/l	99
68) m/p-Xylenes	11.627	106	239841	71.064	ug/l	97
69) o-Xylene	11.956	106	114577	36.194	ug/l	98
70) Styrene	11.969	104	180176	34.611	ug/l	99
71) Bromoform	12.133	173	65625	57.112	ug/l	98
73) Isopropylbenzene	12.255	105	247766	46.547	ug/l	99
74) N-amyl acetate	12.072	43	70454	73.690	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	86561	99.426	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	70903m	99.496	ug/l	
77) Bromobenzene	12.529	156	76974	54.394	ug/l	89
78) n-propylbenzene	12.596	91	256570	41.652	ug/l	100
79) 2-Chlorotoluene	12.682	91	158522	43.947	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	165193	38.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	18342	63.116	ug/l	97
82) 4-Chlorotoluene	12.773	91	163969	44.138	ug/l	100
83) tert-Butylbenzene	12.993	119	151151	38.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	166835	38.865	ug/l	99
85) sec-Butylbenzene	13.176	105	193717	34.003	ug/l	98
86) p-Isopropyltoluene	13.291	119	151875	31.311	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	106514	38.653	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	109007	40.052	ug/l	97
89) n-Butylbenzene	13.615	91	117679	27.843	ug/l	98
90) Hexachloroethane	13.883	117	26150	25.065	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	99840	41.325	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13082	91.578	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	33068	21.955	ug/l	95
94) Hexachlorobutadiene	15.023	225	14331	15.264	ug/l	98
95) Naphthalene	15.145	128	95477	39.808	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	29207	22.388	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

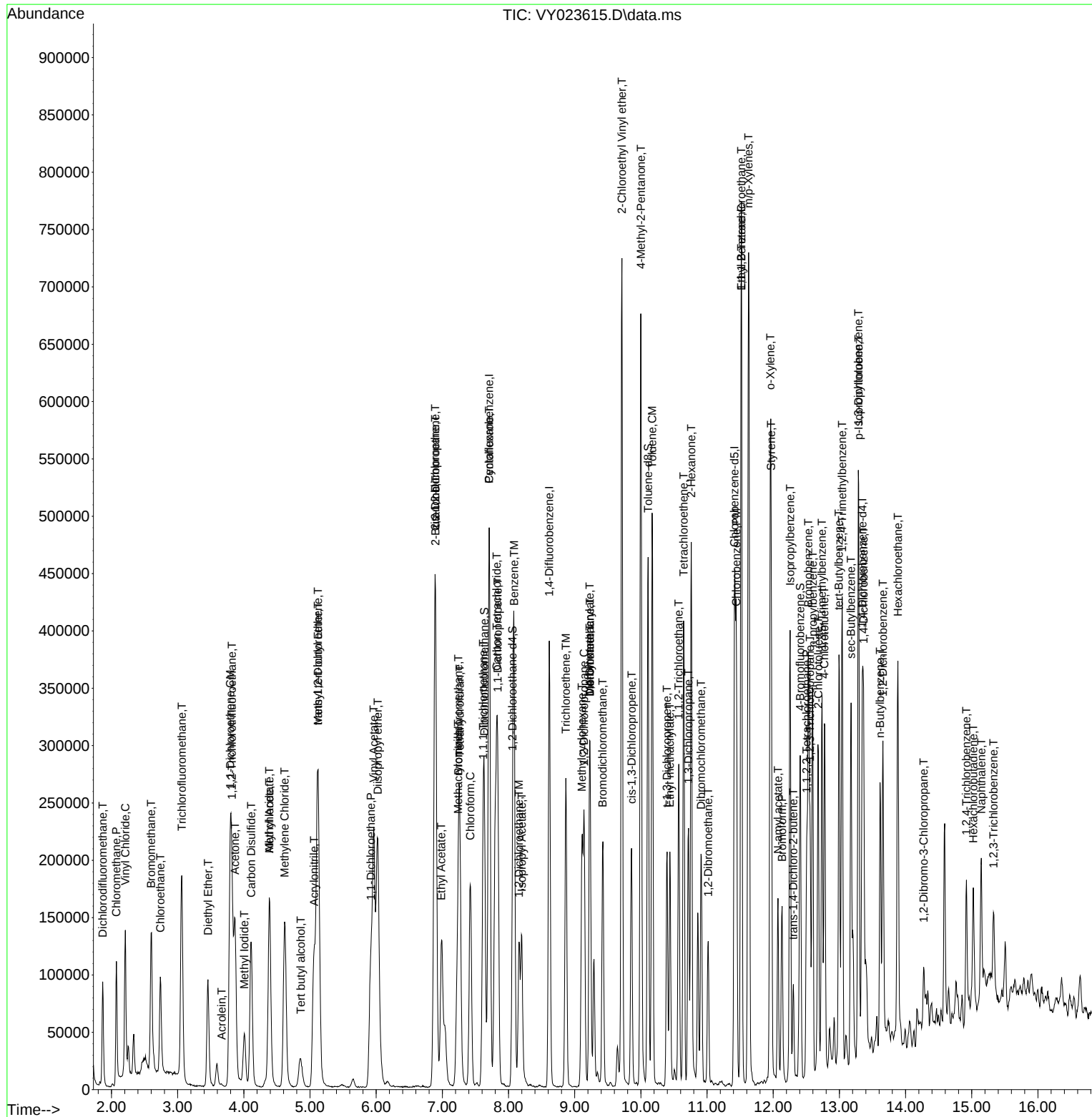
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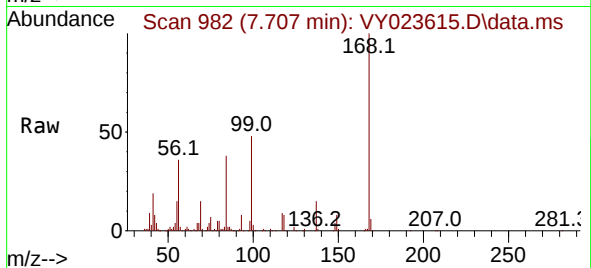
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

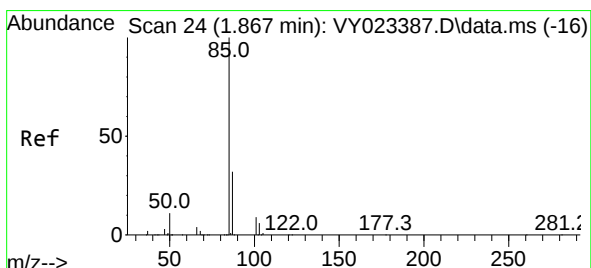
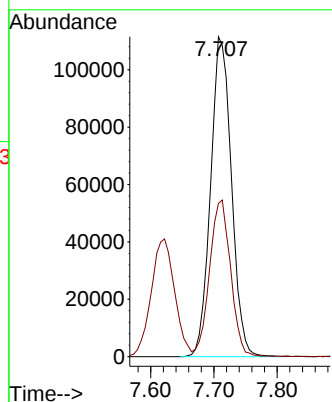
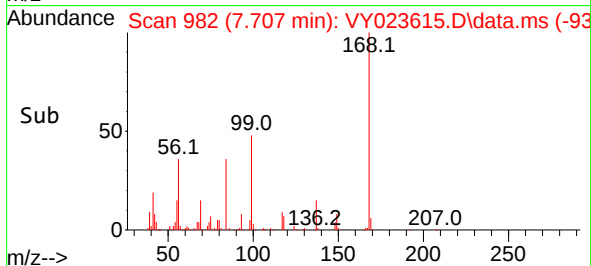
Instrument :
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PR-132-S16-015094-20251021MS



Tgt Ion:168 Resp: 25502
Ion Ratio Lower Upper
168 100
99 47.8 39.7 59.5

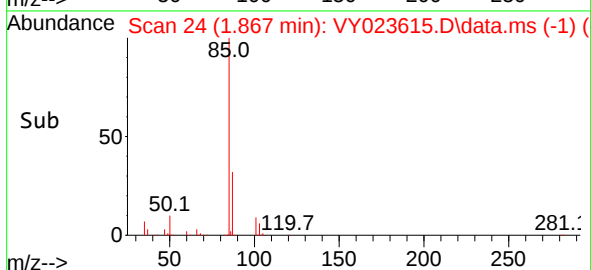
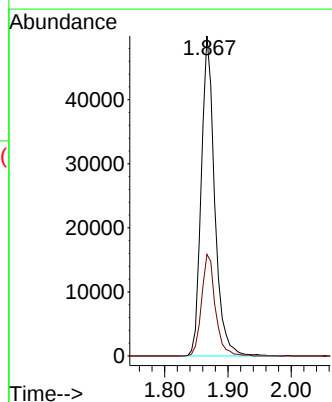
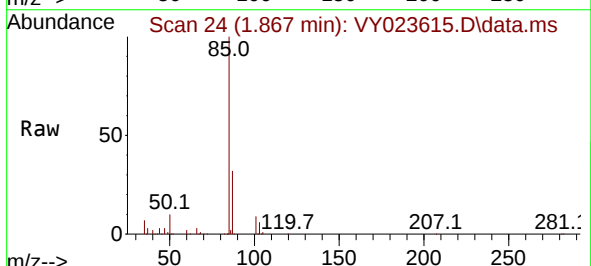
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#2
Dichlorodifluoromethane
Concen: 40.204 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

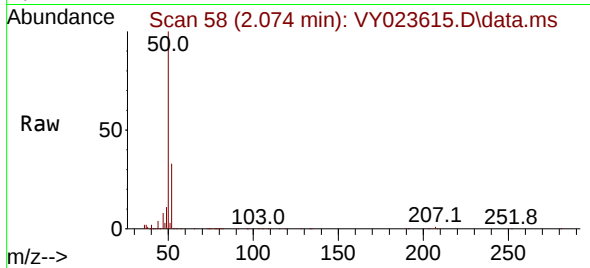
Tgt Ion: 85 Resp: 73799
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9





#3
Chloromethane
Concen: 35.311 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

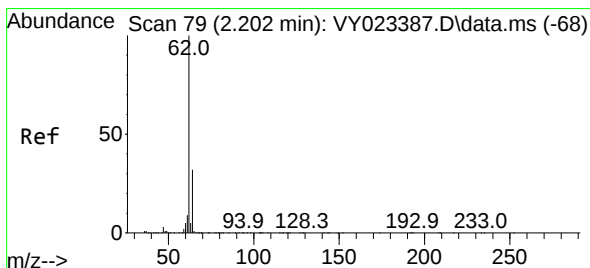
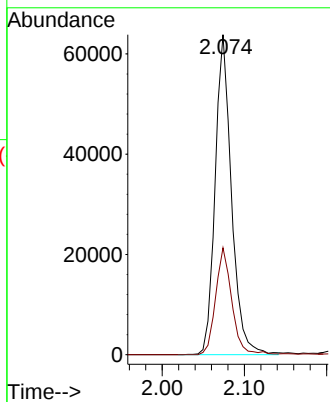
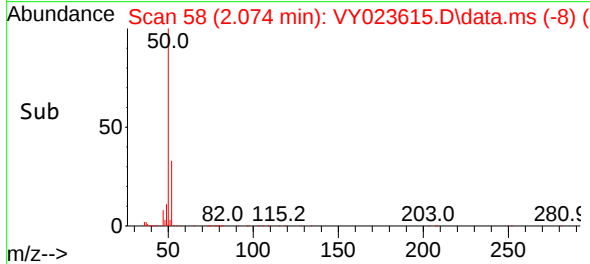
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 88300
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2

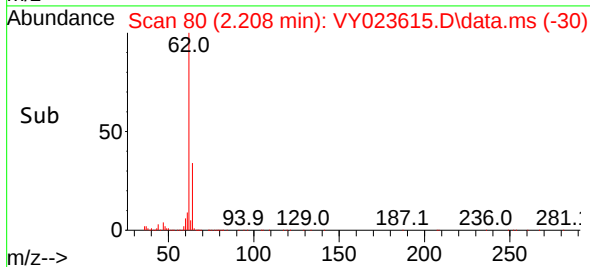
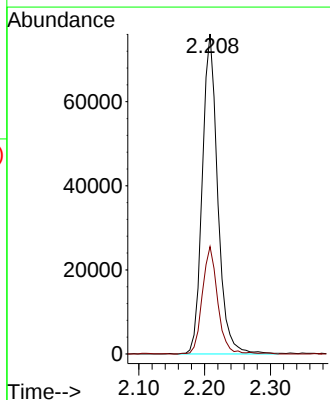
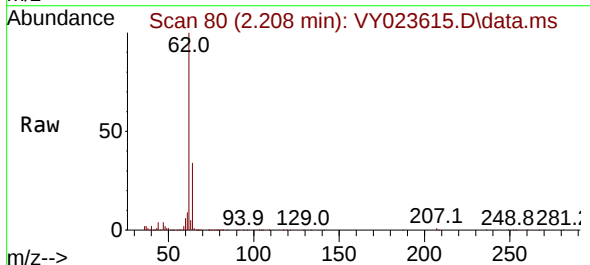
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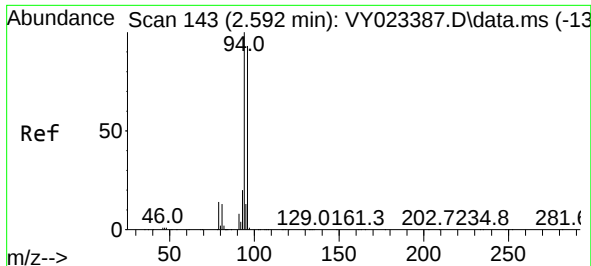
Reviewed By :Amit Patel 10/30/2025
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#4
Vinyl Chloride
Concen: 38.163 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

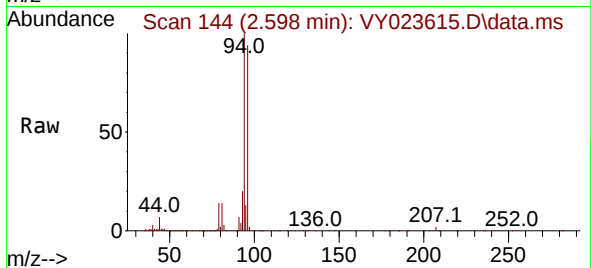
Tgt Ion: 62 Resp: 124297
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.8





#5
Bromomethane
Concen: 32.972 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

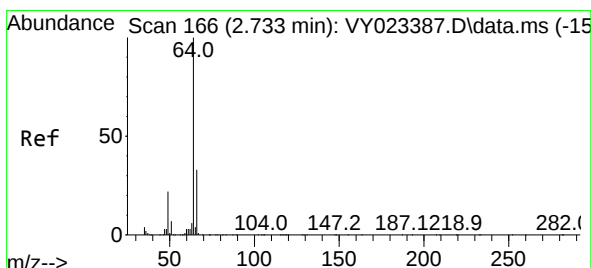
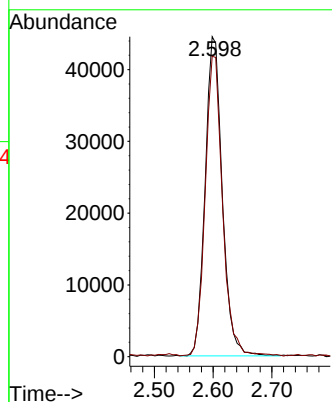
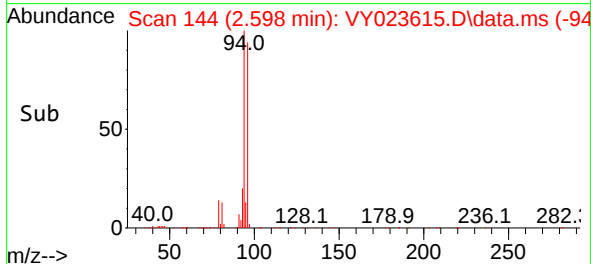
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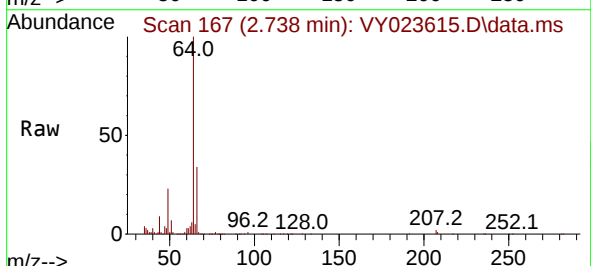
Tgt Ion: 94 Resp: 9012
Ion Ratio Lower Upper
94 100
96 93.8 74.5 111.7

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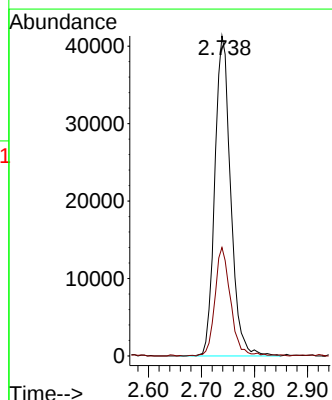
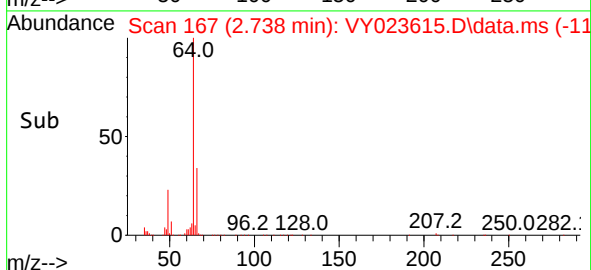
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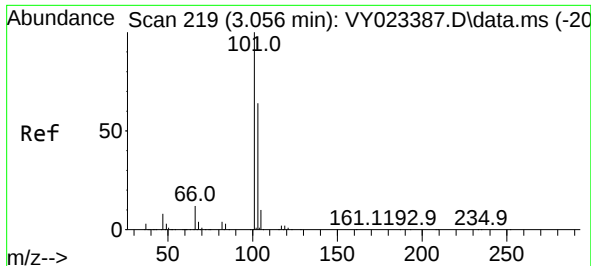


#6
Chloroethane
Concen: 38.724 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



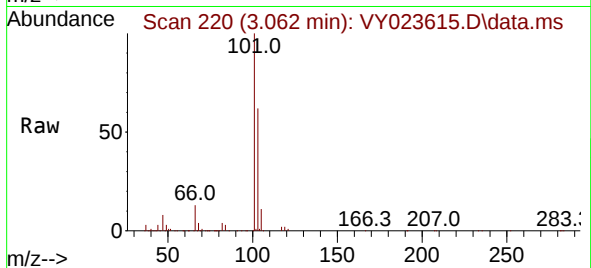
Tgt Ion: 64 Resp: 85972
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 42.033 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

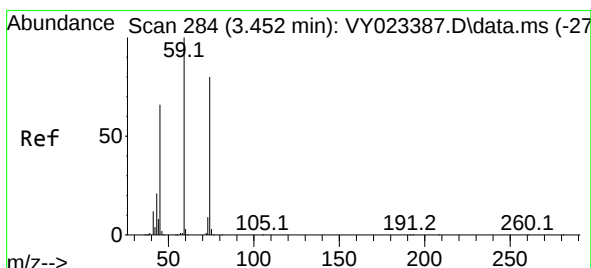
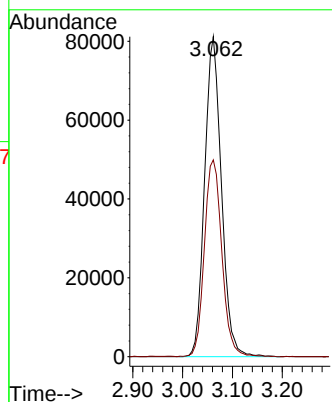
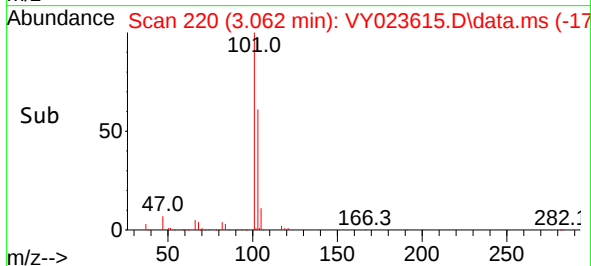
Instrument : MSVOA_Y
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Tgt Ion:101 Resp: 19008
Ion Ratio Lower Upper
101 100
103 61.5 51.3 76.9

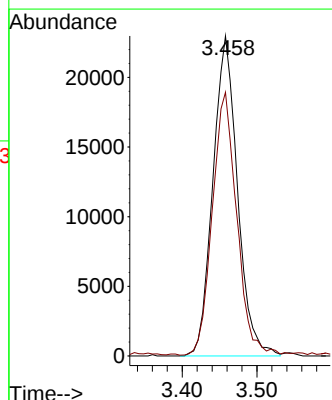
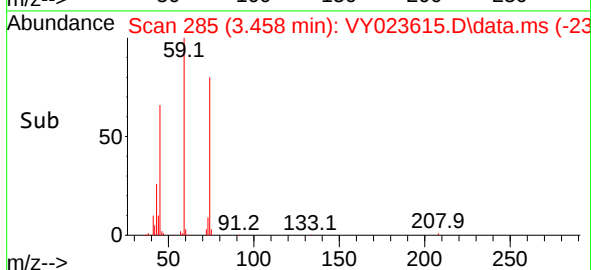
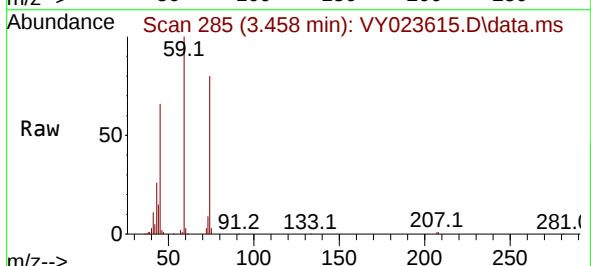
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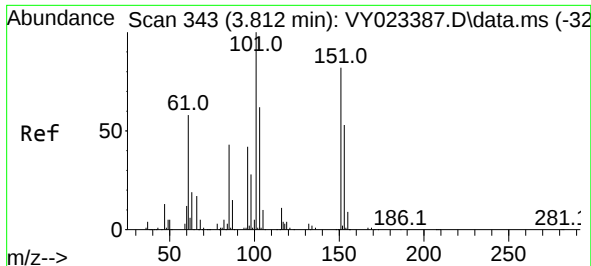
Reviewed By :Amit Patel 10/30/2025
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#8
Diethyl Ether
Concen: 44.379 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 74 Resp: 52443
Ion Ratio Lower Upper
74 100
45 81.7 39.9 119.7





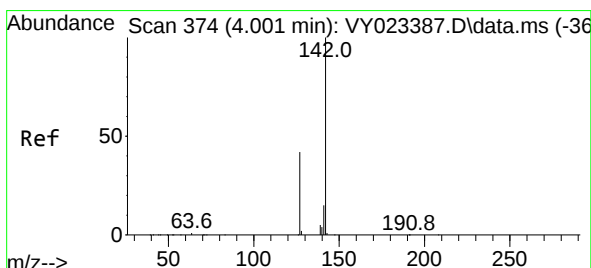
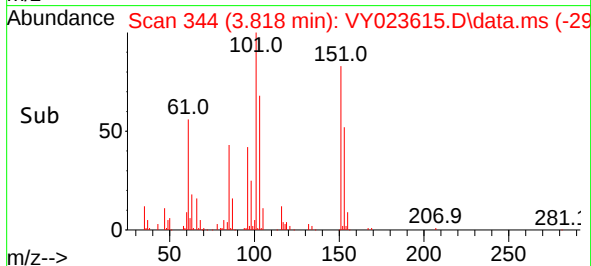
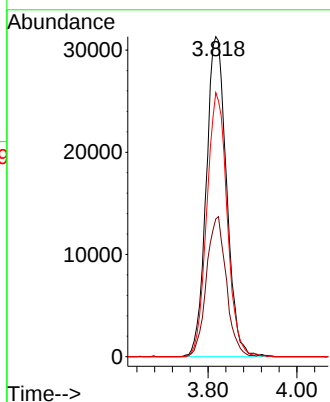
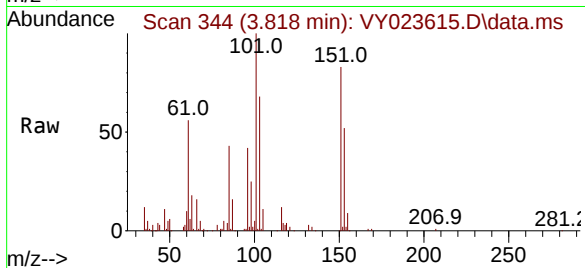
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.238 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

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

Tgt Ion:101 Resp: 99120
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 82.6 67.0 100.6

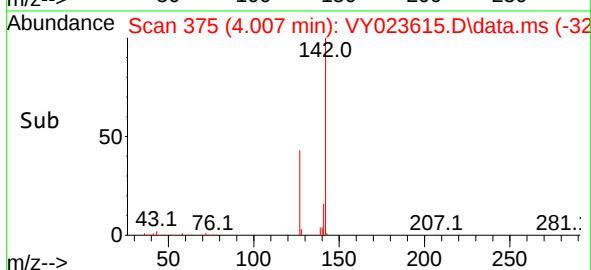
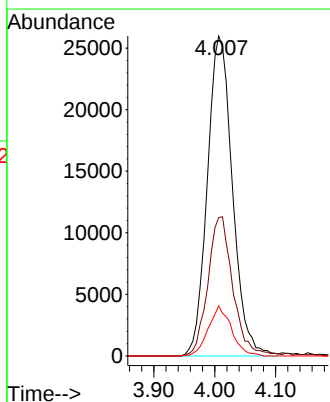
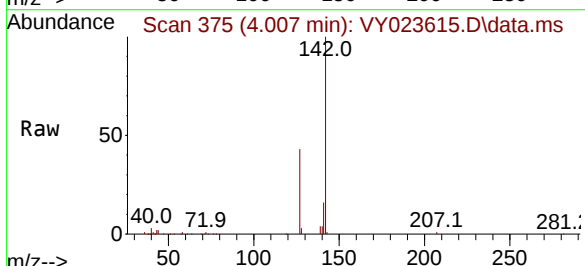
Manual Integrations
APPROVED

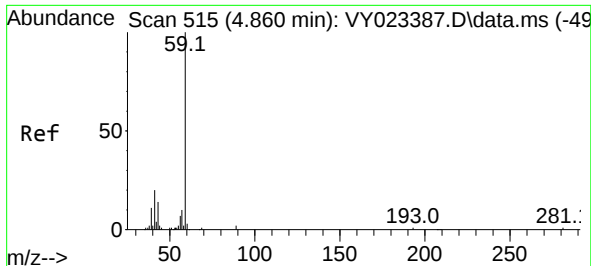
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 28.541 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

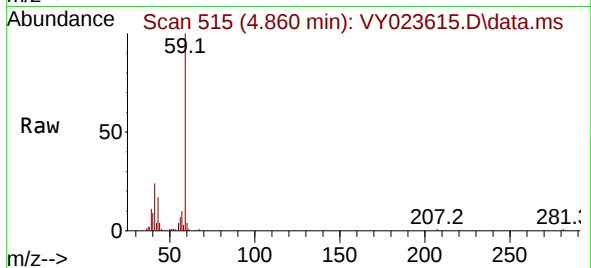
Tgt Ion:142 Resp: 74563
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 315.193 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

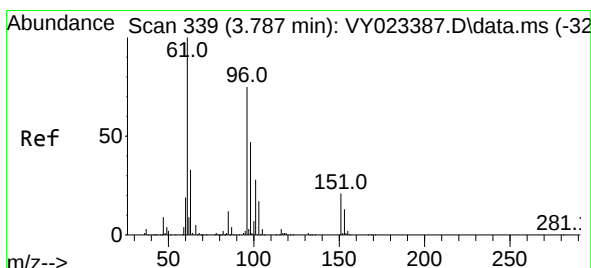
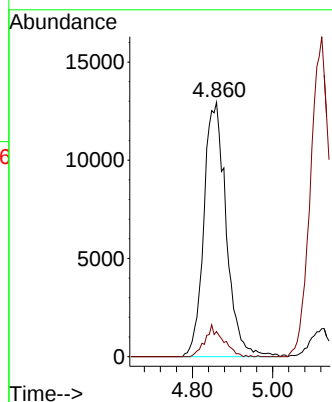
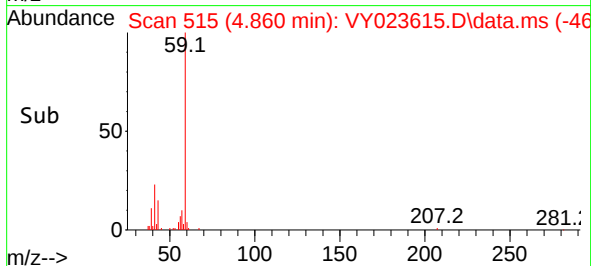
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



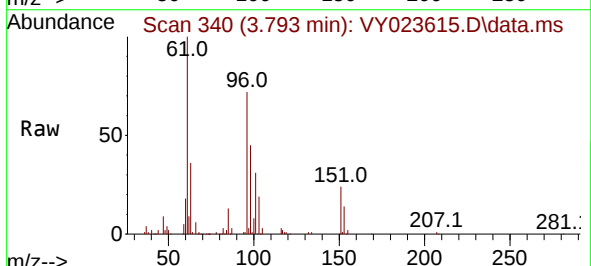
Tgt Ion: 59 Resp: 5000
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

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APPROVED

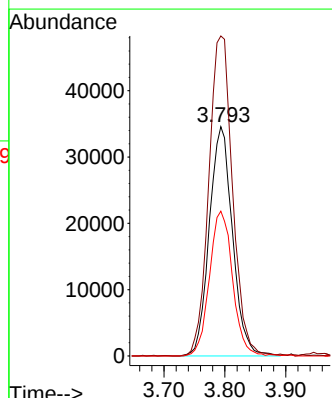
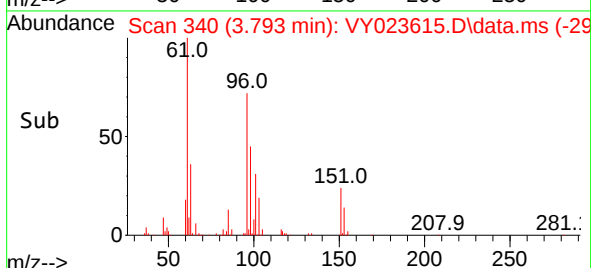
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

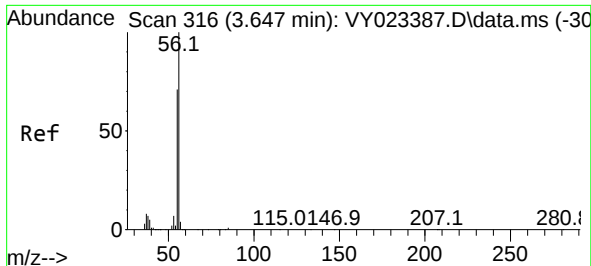


#12
1,1-Dichloroethene
Concen: 40.282 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



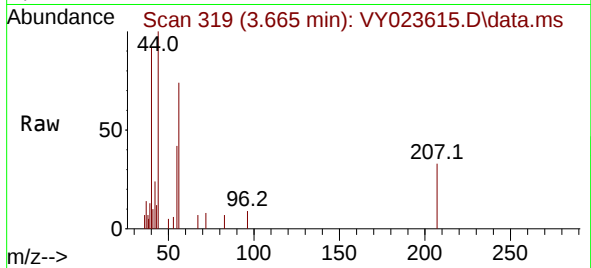
Tgt Ion: 96 Resp: 91637
Ion Ratio Lower Upper
96 100
61 139.6 106.7 160.1
98 63.2 50.2 75.4





#13
Acrolein
Concen: 8.676 ug/l
RT: 3.665 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

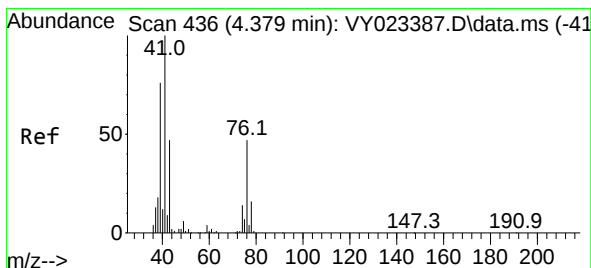
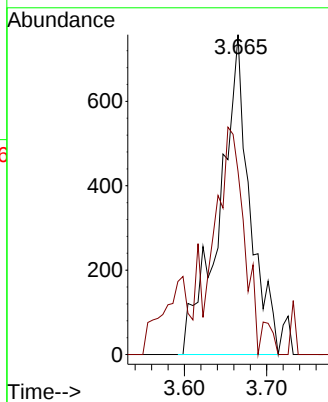
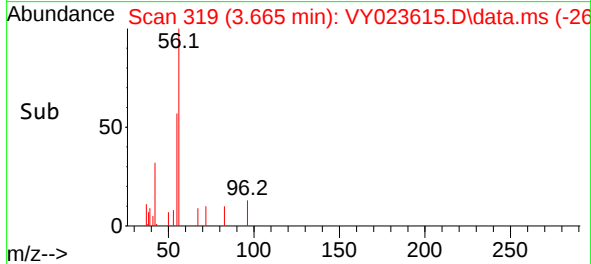
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 66.3 56.1 84.1

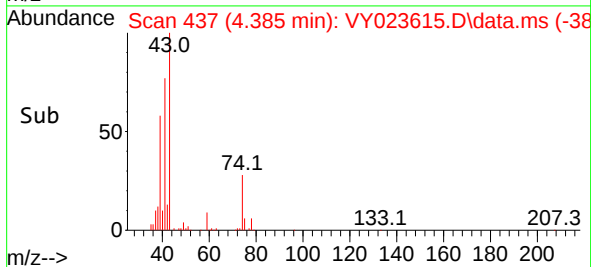
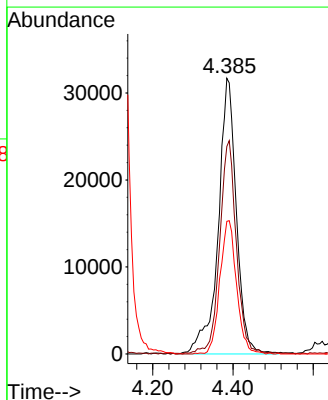
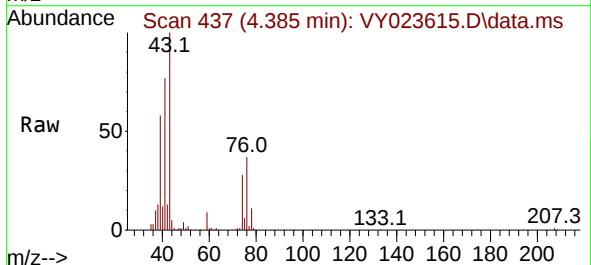
Manual Integrations
APPROVED

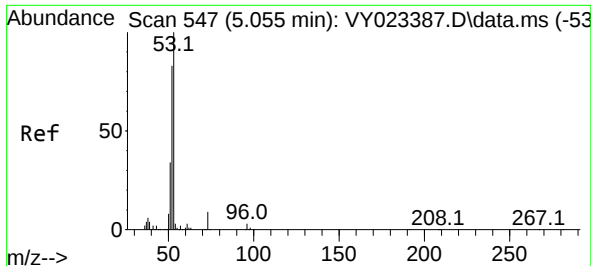
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Allyl chloride
Concen: 35.940 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

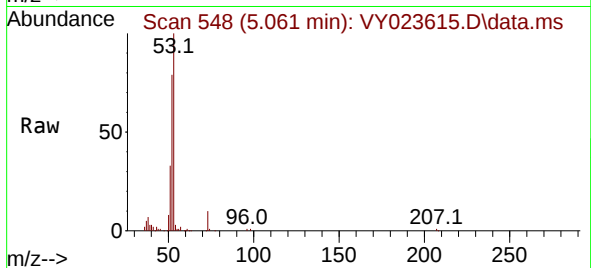
Tgt Ion: 41 Resp: 99640
Ion Ratio Lower Upper
41 100
39 71.8 59.9 89.9
76 44.3 38.0 57.0





#15
Acrylonitrile
Concen: 344.676 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

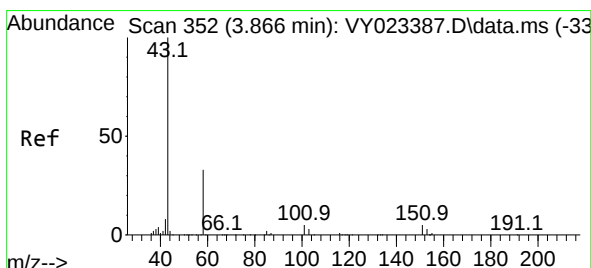
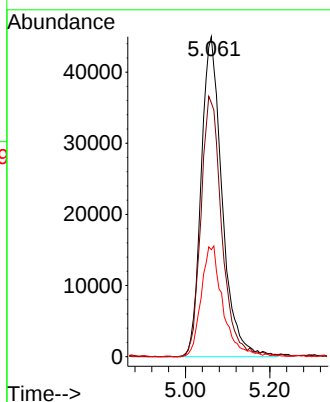
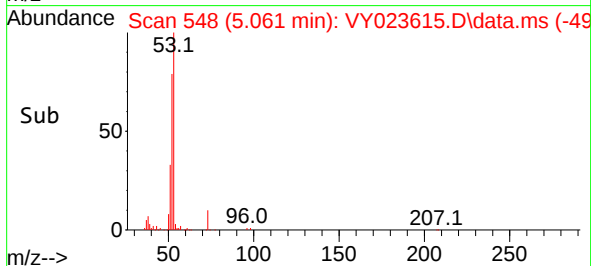
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



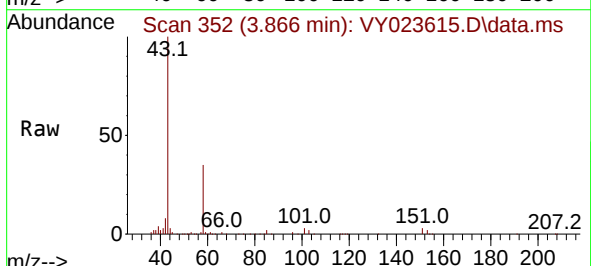
Tgt Ion: 53 Resp: 15587
Ion Ratio Lower Upper
53 100
52 80.9 64.6 97.0
51 35.6 29.5 44.3

Manual Integrations
APPROVED

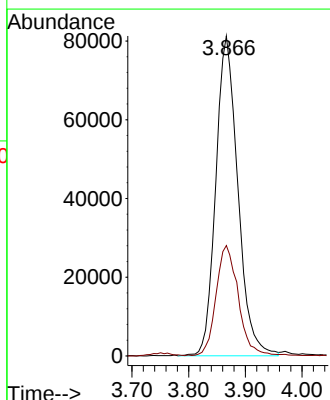
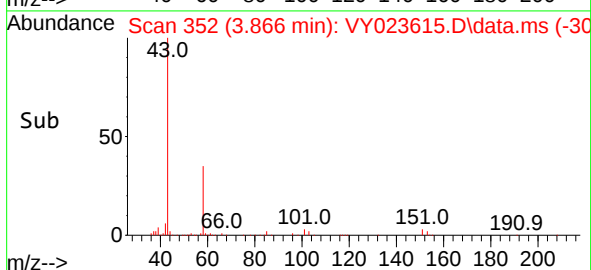
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

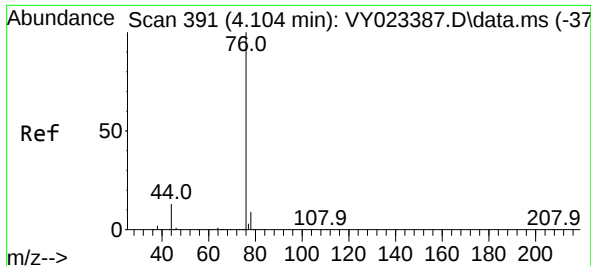


#16
Acetone
Concen: 431.448 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



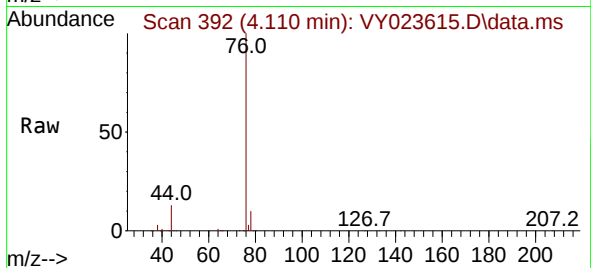
Tgt Ion: 43 Resp: 219042
Ion Ratio Lower Upper
43 100
58 34.2 27.7 41.5





#17
Carbon Disulfide
Concen: 40.173 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

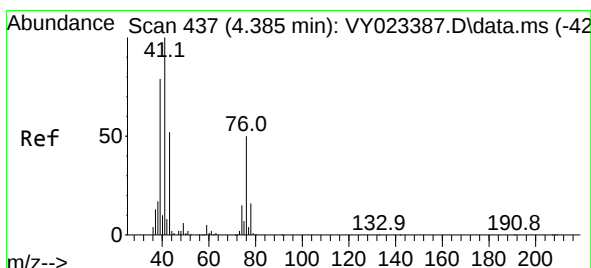
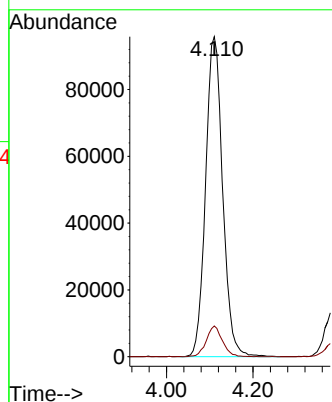
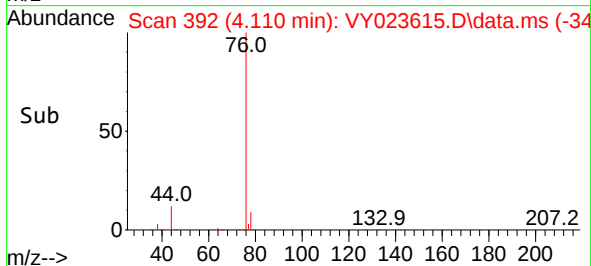
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 76 Resp: 26156
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

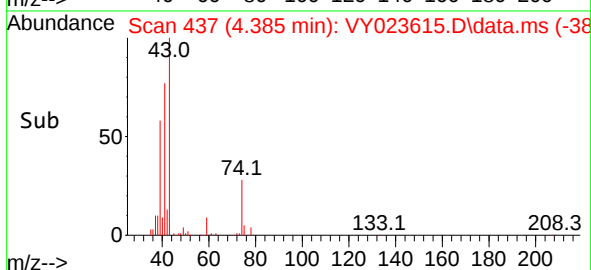
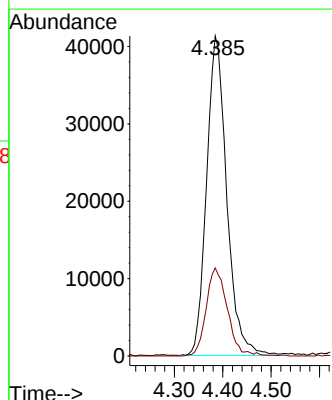
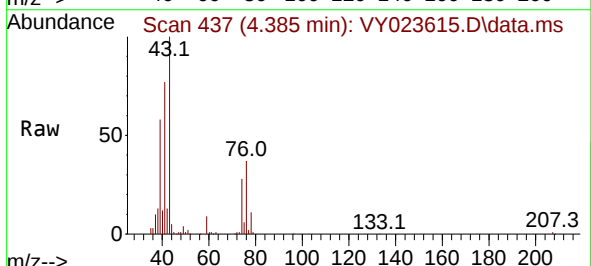
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 89.780 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

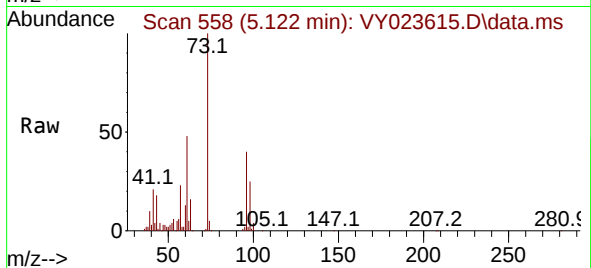
Tgt Ion: 43 Resp: 119567
Ion Ratio Lower Upper
43 100
74 28.9 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 48.949 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

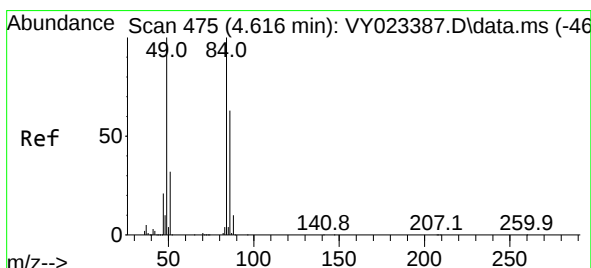
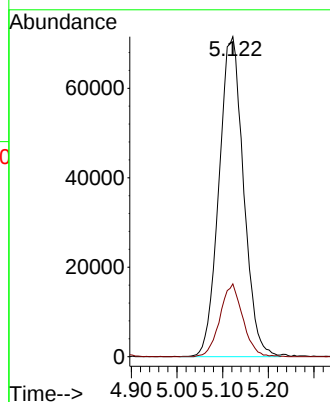
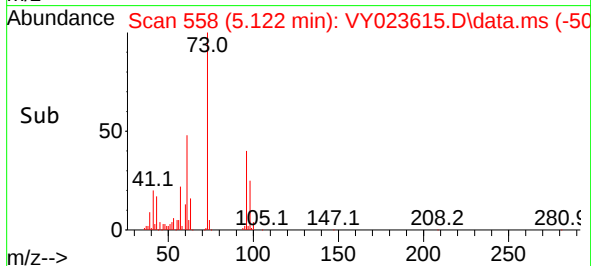
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 73 Resp: 267628
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

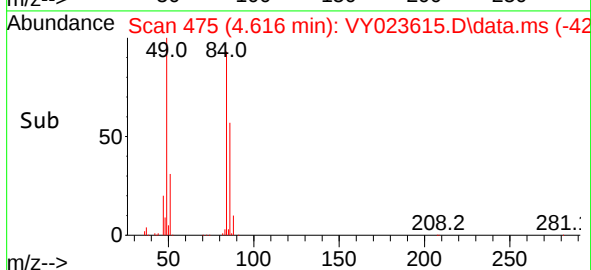
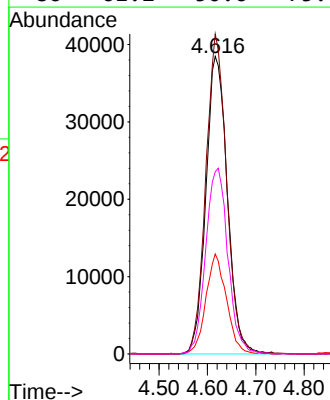
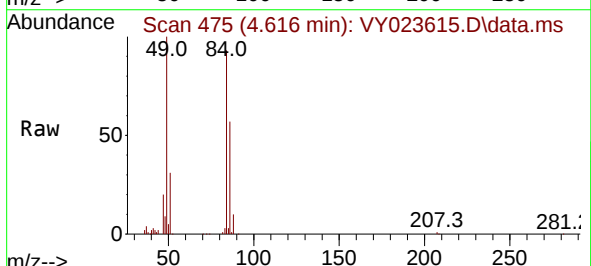
Manual Integrations
APPROVED

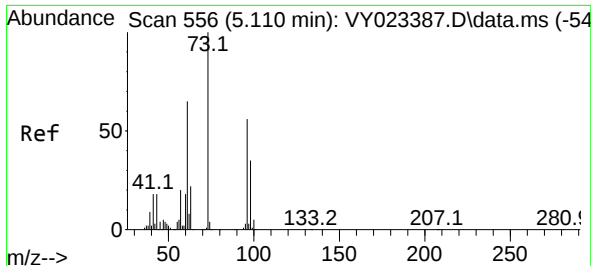
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 43.211 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

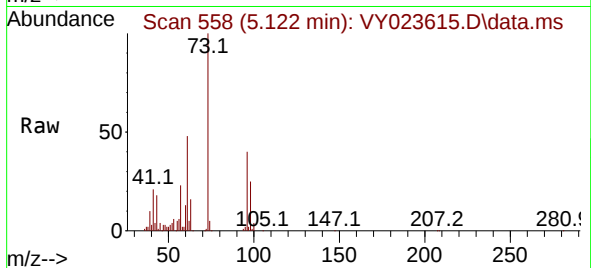
Tgt Ion: 84 Resp: 118626
Ion Ratio Lower Upper
84 100
49 107.5 80.2 120.4
51 33.4 25.9 38.9
86 61.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 36.974 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

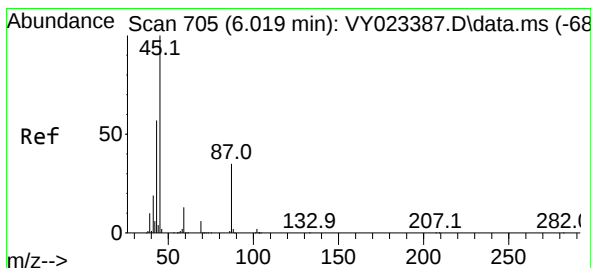
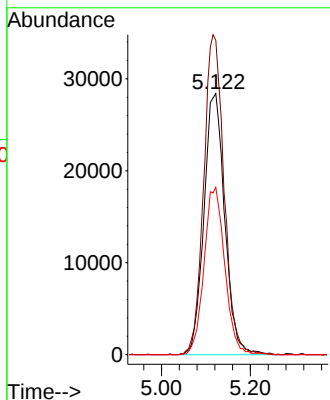
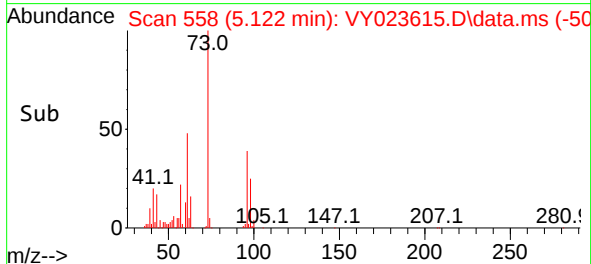
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 96 Resp: 92604
Ion Ratio Lower Upper
96 100
61 120.4 92.7 139.1
98 64.1 49.7 74.5

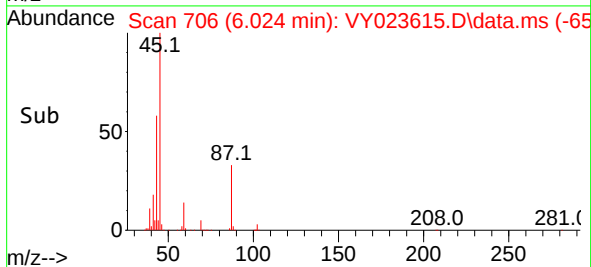
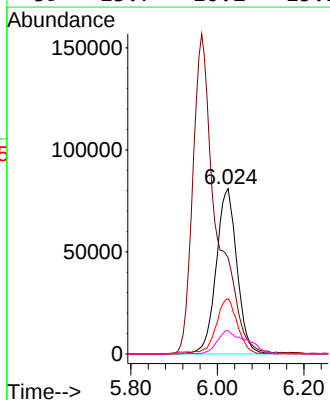
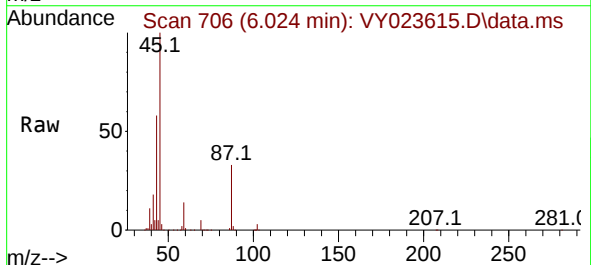
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 44.158 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

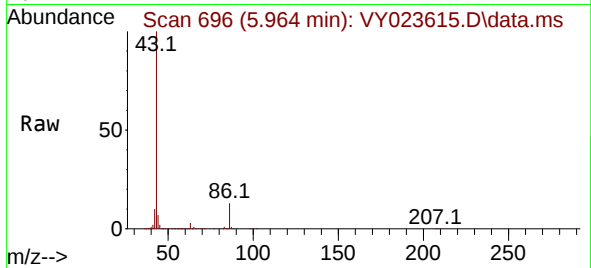
Tgt Ion: 45 Resp: 270802
Ion Ratio Lower Upper
45 100
43 57.2 45.6 68.4
87 33.4 28.1 42.1
59 13.7 10.2 15.2





#23
 Vinyl Acetate
 Concen: 178.791 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

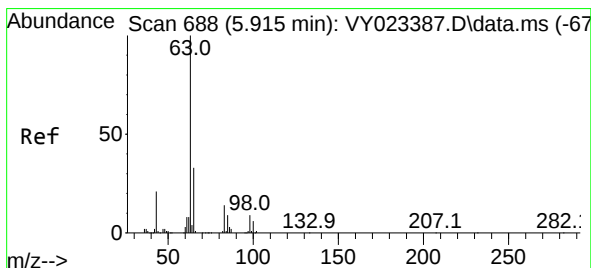
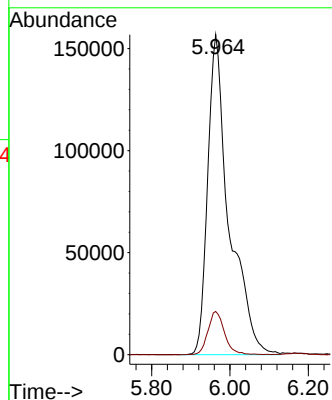
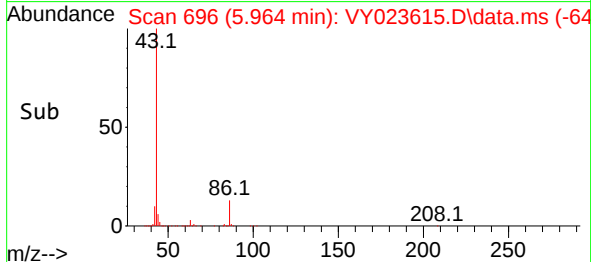
Instrument :
 MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MS



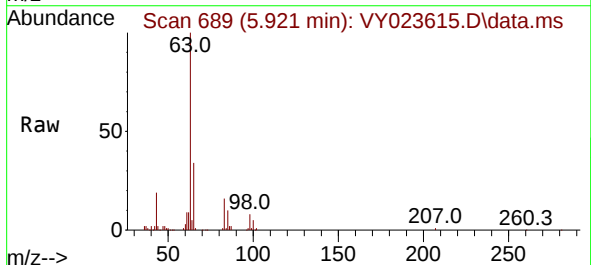
Tgt Ion: 43 Resp: 593470
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 15.8

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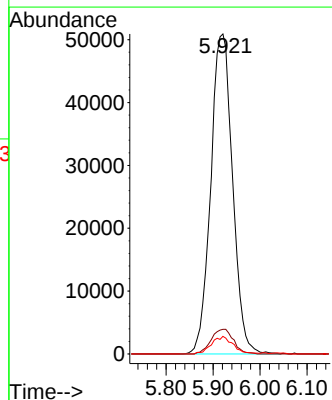
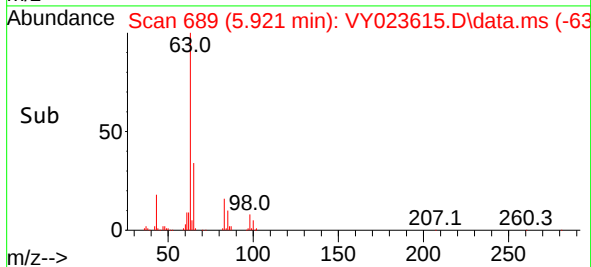
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#24
 1,1-Dichloroethane
 Concen: 40.434 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15



Tgt Ion: 63 Resp: 164254
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 13.1
 100 5.5 2.8 8.4





#25

2-Butanone

Concen: 351.663 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023615.D

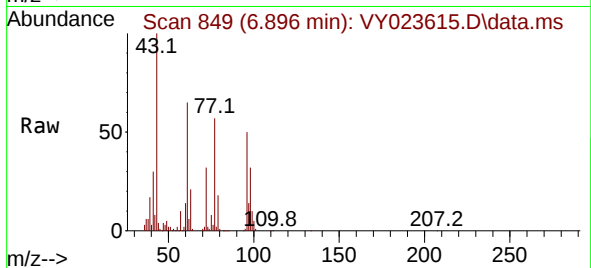
Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 217964

Ion Ratio Lower Upper

43 100

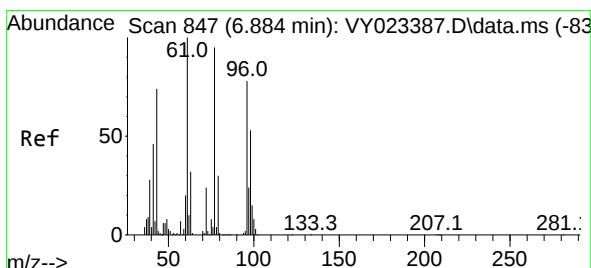
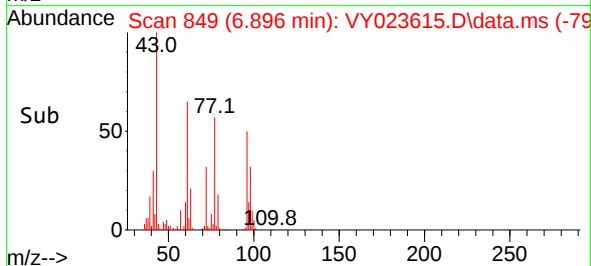
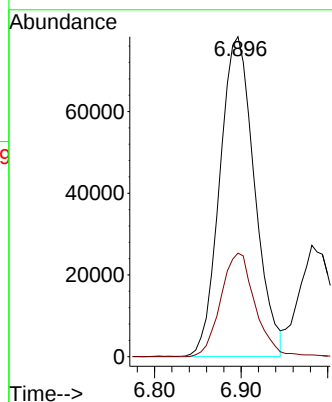
72 32.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#26

2,2-Dichloropropane

Concen: 42.250 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023615.D

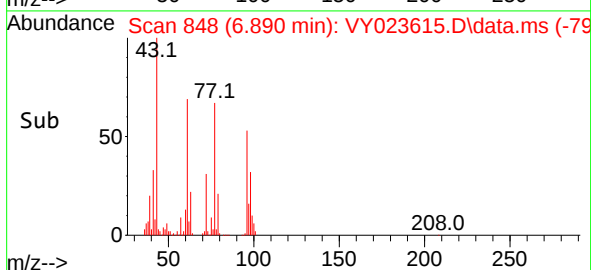
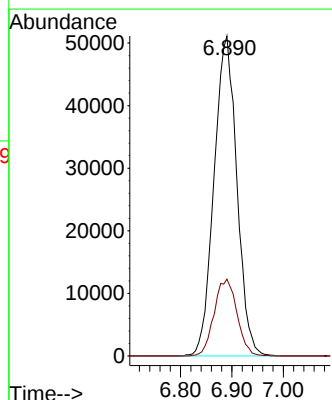
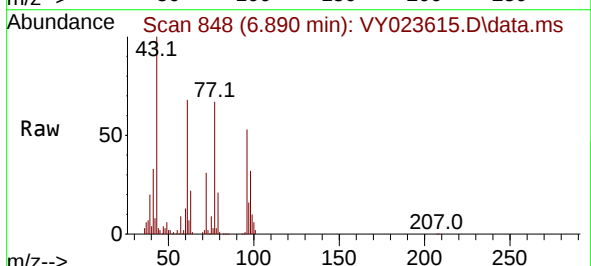
Acq: 29 Oct 2025 11:15

Tgt Ion: 77 Resp: 157485

Ion Ratio Lower Upper

77 100

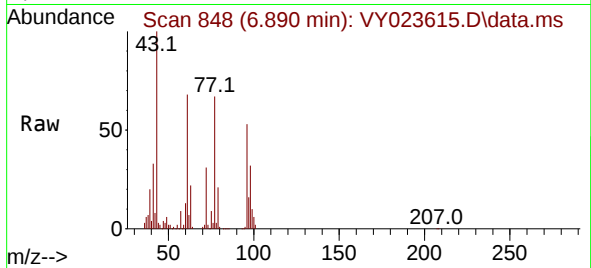
97 24.1 12.1 36.3





#27
 cis-1,2-Dichloroethene
 Concen: 38.282 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

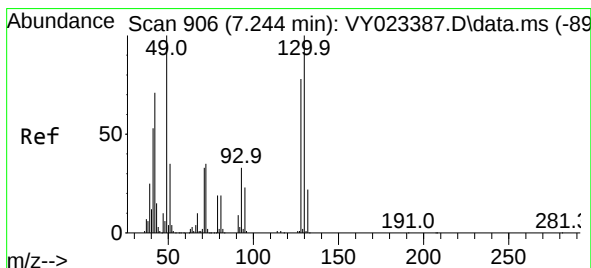
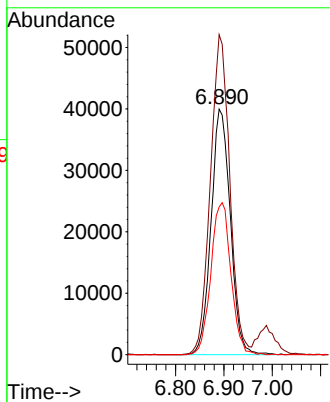
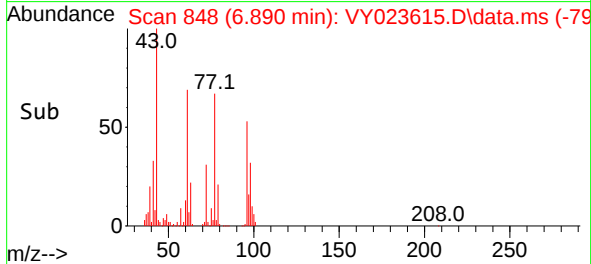
Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 96 Resp: 11075
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 258.2
 98 64.4 0.0 132.0

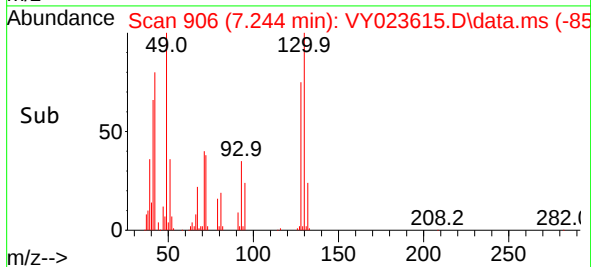
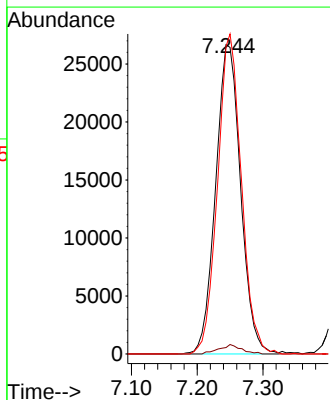
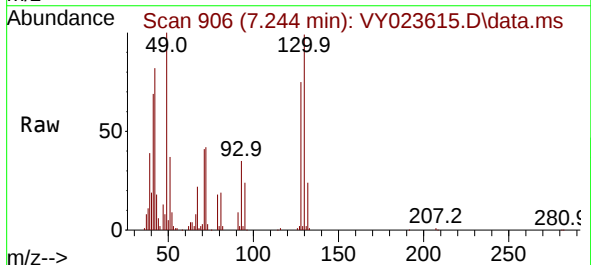
Manual Integrations
 APPROVED

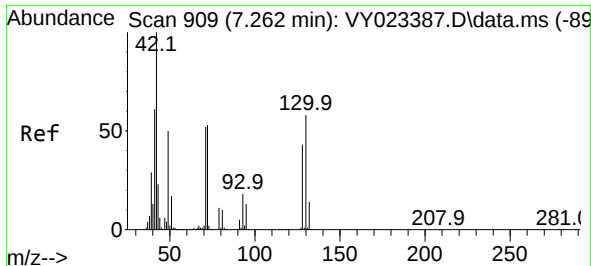
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#28
 Bromochloromethane
 Concen: 46.525 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

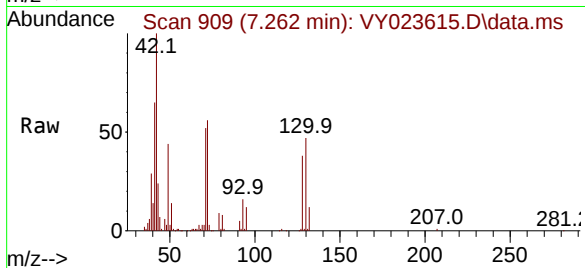
Tgt Ion: 49 Resp: 70554
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 98.4 81.9 122.9





#29
Tetrahydrofuran
Concen: 326.600 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

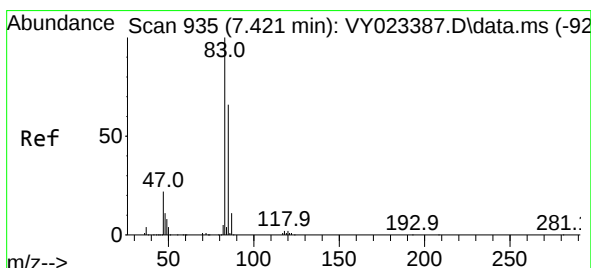
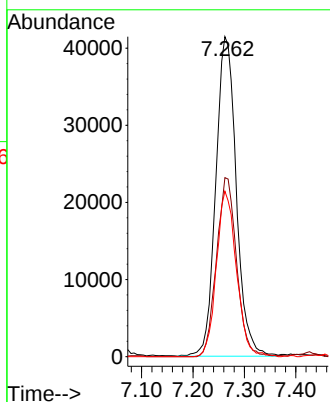
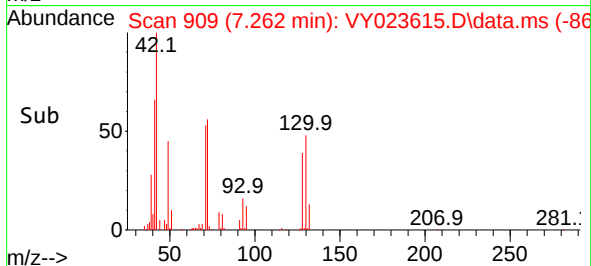
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 42 Resp: 114792
Ion Ratio Lower Upper
42 100
72 54.9 43.0 64.6
71 50.5 40.1 60.1

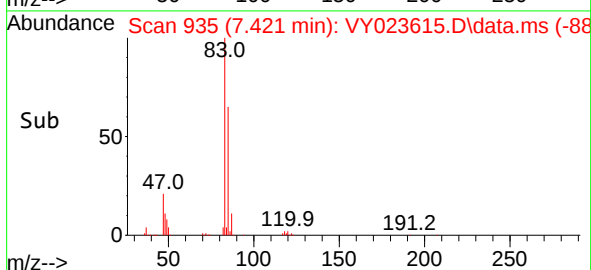
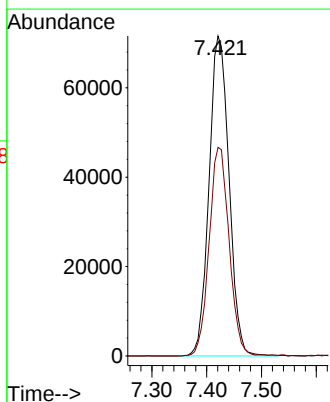
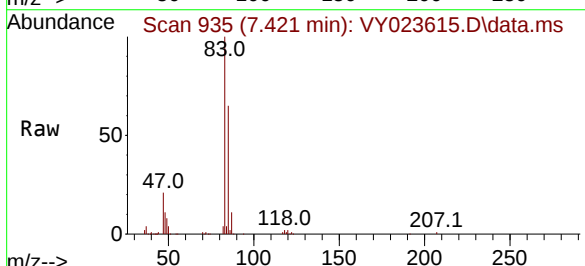
Manual Integrations
APPROVED

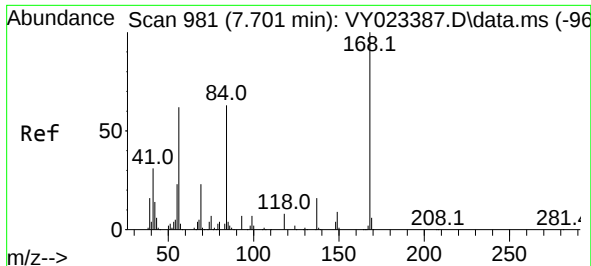
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#30
Chloroform
Concen: 40.511 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

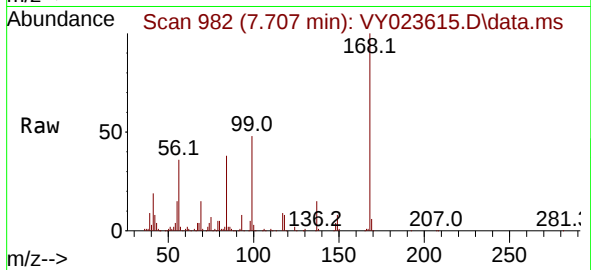
Tgt Ion: 83 Resp: 180808
Ion Ratio Lower Upper
83 100
85 65.2 52.5 78.7





#31
Cyclohexane
Concen: 29.983 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

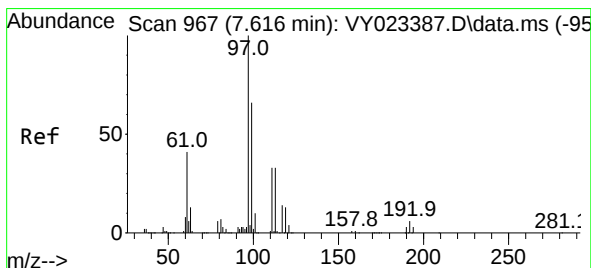
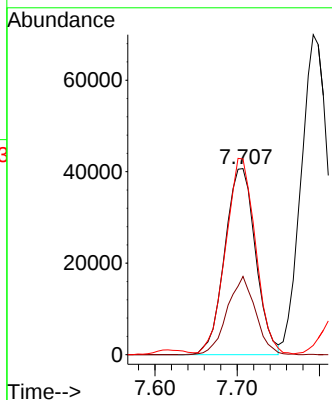
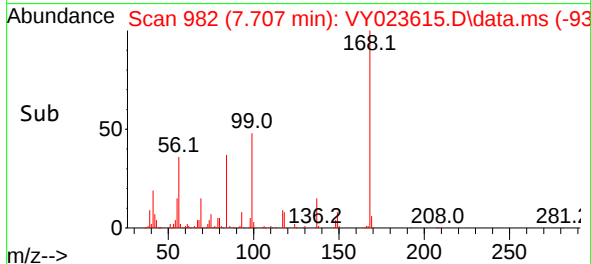
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 56 Resp: 106360
Ion Ratio Lower Upper
56 100
69 42.0 30.0 45.0
84 102.9 81.2 121.8

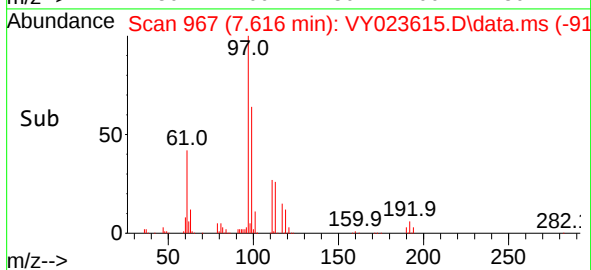
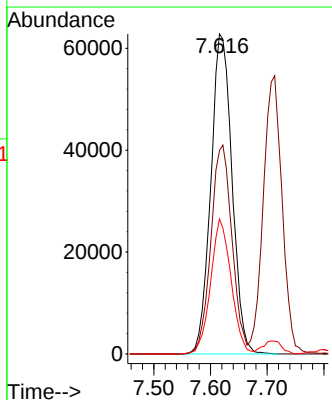
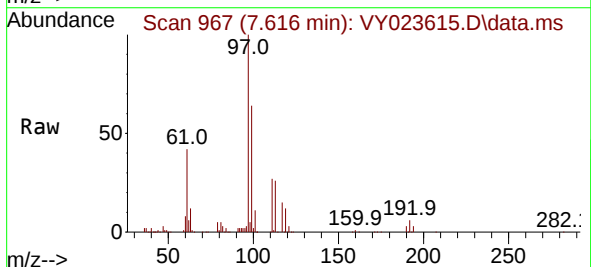
Manual Integrations
APPROVED

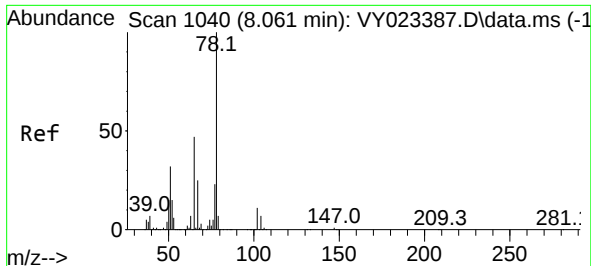
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 40.279 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 97 Resp: 163371
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 40.8 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.706 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 65 Resp: 9960

Ion Ratio Lower Upper

65 100

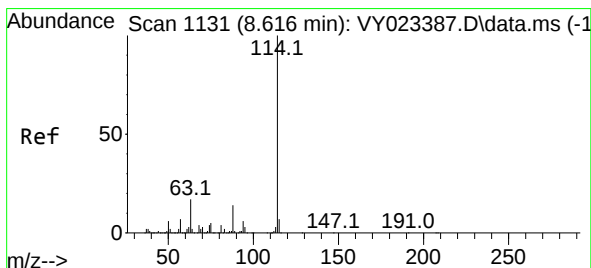
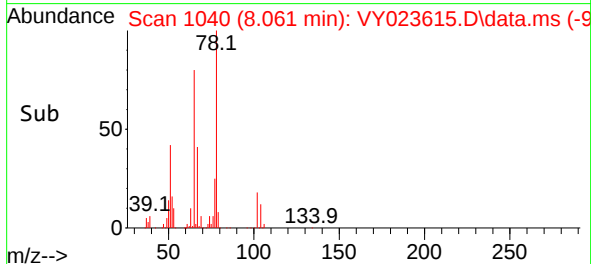
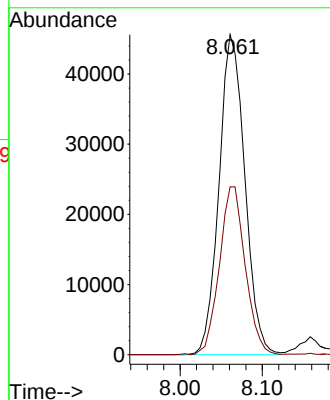
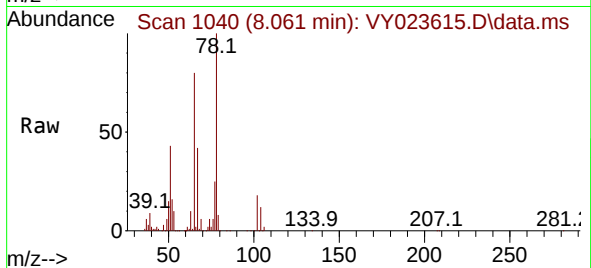
67 52.6 0.0 105.8

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: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

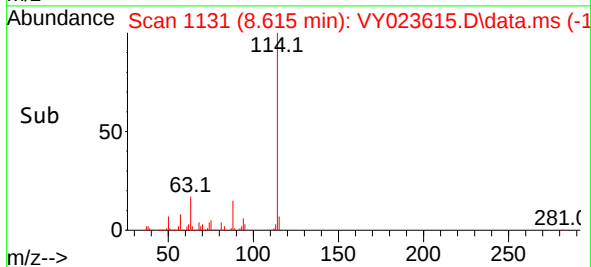
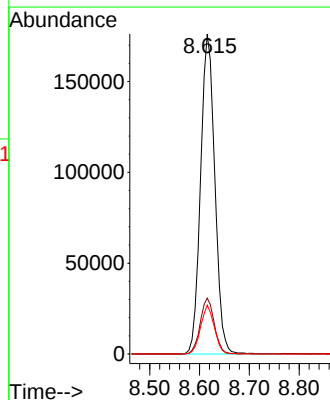
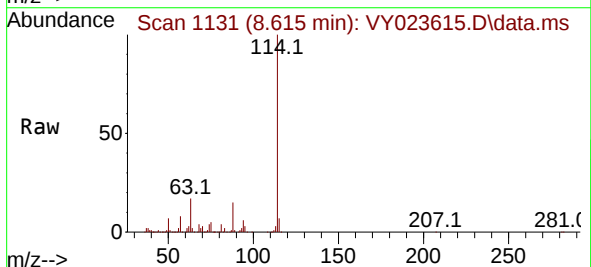
Tgt Ion:114 Resp: 349654

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

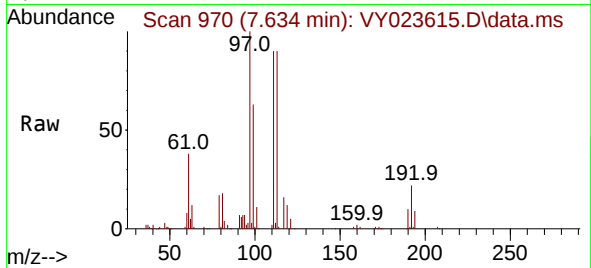
88 15.2 0.0 28.4





#35
Dibromofluoromethane
Concen: 46.092 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

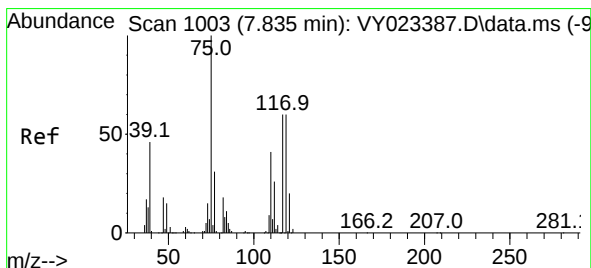
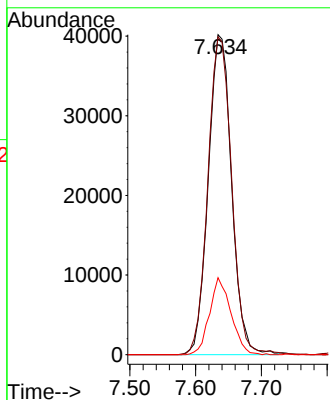
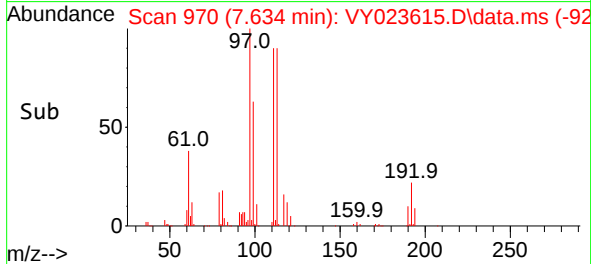
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



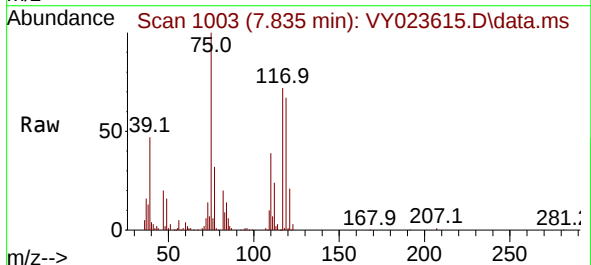
Tgt Ion: 113 Resp: 99020
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 22.2 18.0 27.0

Manual Integrations
APPROVED

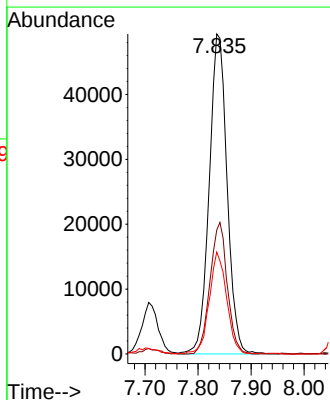
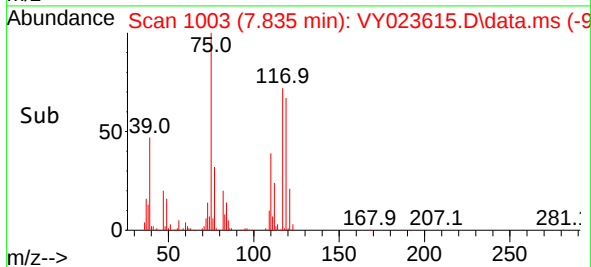
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

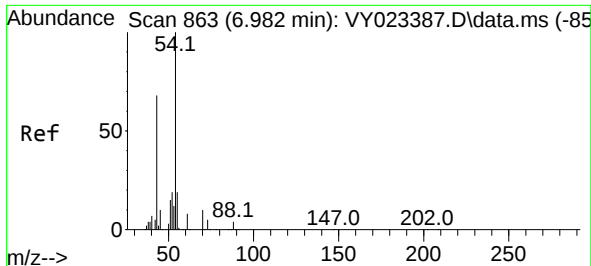


#36
1,1-Dichloropropene
Concen: 40.668 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



Tgt Ion: 75 Resp: 115673
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.0 25.0 37.6





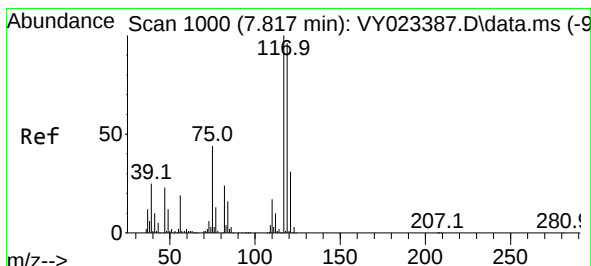
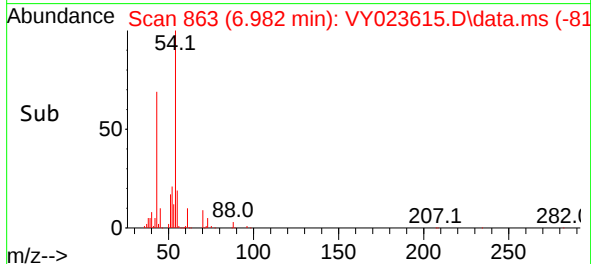
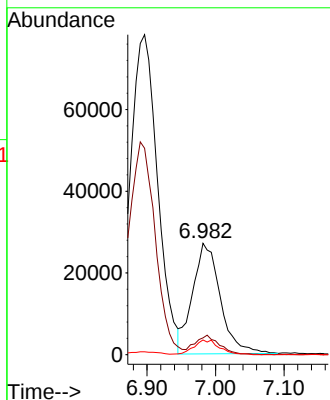
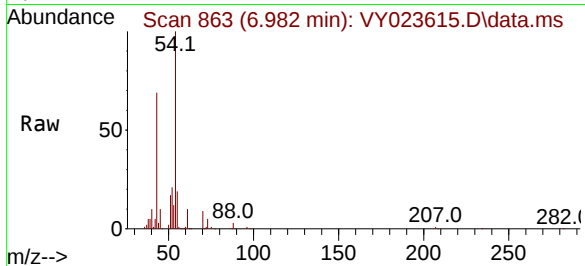
#37
Ethyl Acetate
Concen: 67.762 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

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

Tgt Ion: 43 Resp: 7635
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 12.3 10.5 15.7

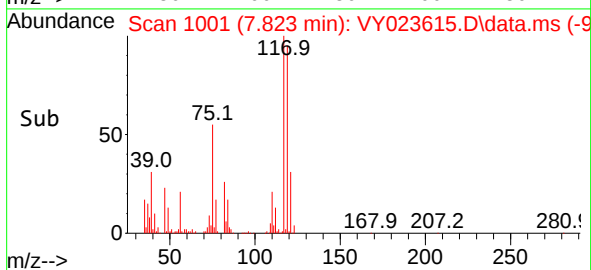
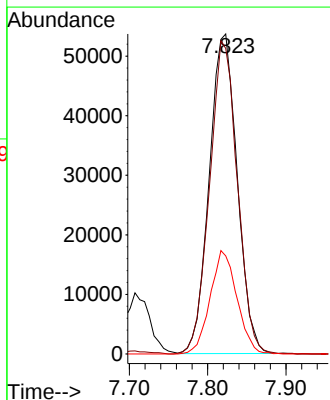
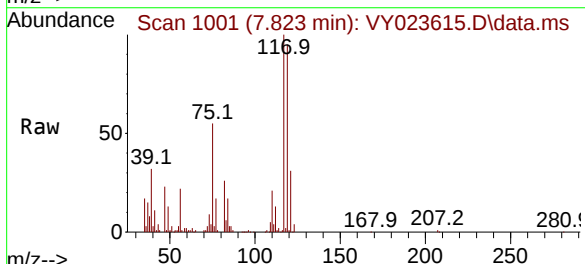
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 38.619 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

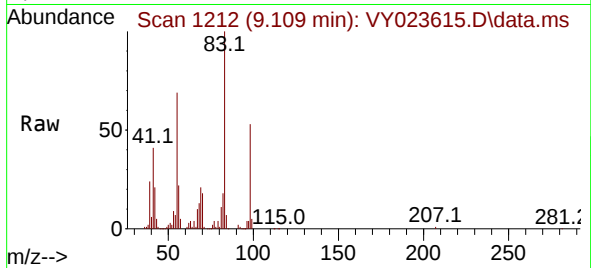
Tgt Ion:117 Resp: 133193
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
121 30.7 24.5 36.7





#39
Methylcyclohexane
Concen: 23.510 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

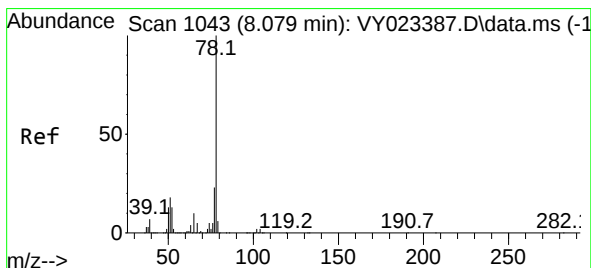
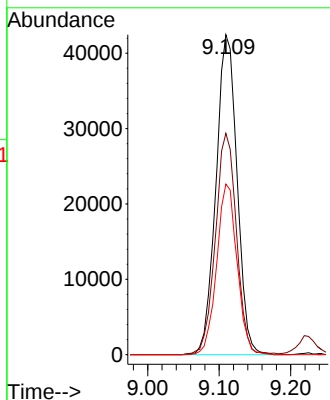
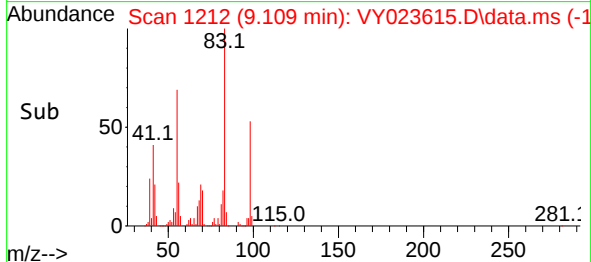
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



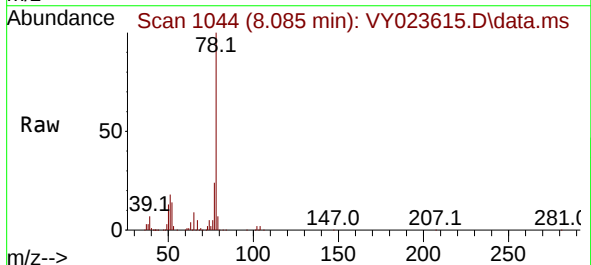
Tgt Ion: 83 Resp: 87061
Ion Ratio Lower Upper
83 100
55 69.2 51.4 77.2
98 53.3 40.4 60.6

Manual Integrations
APPROVED

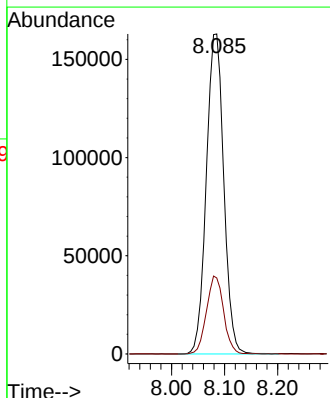
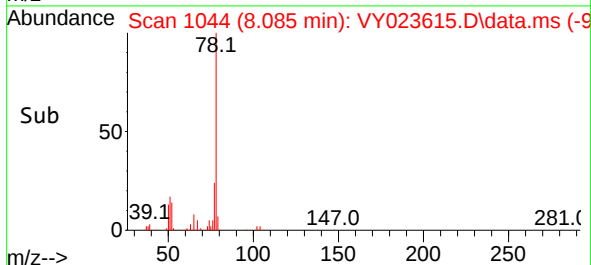
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Benzene
Concen: 41.293 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



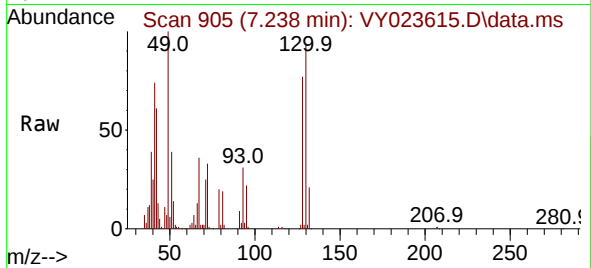
Tgt Ion: 78 Resp: 371961
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5





#41
Methacrylonitrile
Concen: 70.018 ug/l m
RT: 7.238 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

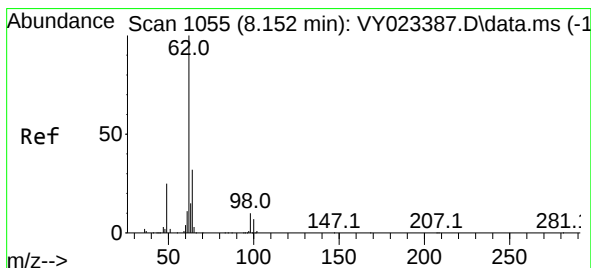
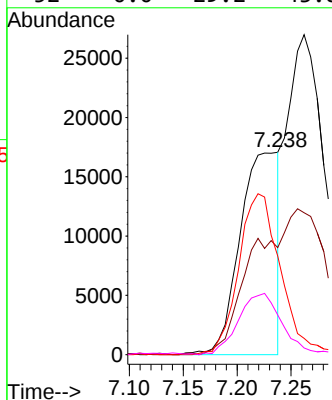
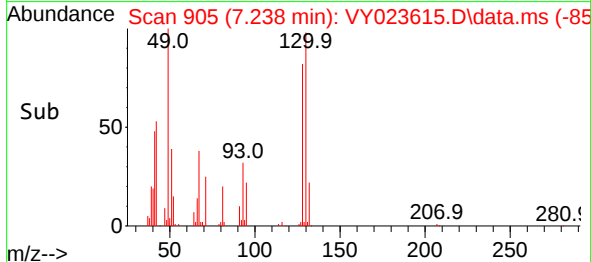
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



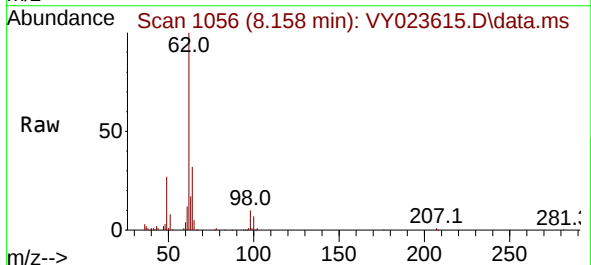
Tgt Ion: 41 Resp: 42672
Ion Ratio Lower Upper
41 100
39 78.1 52.2 78.4
67 0.0 74.9 112.3
52 0.0 29.2 43.8#

Manual Integrations
APPROVED

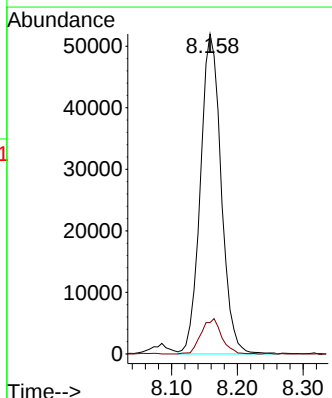
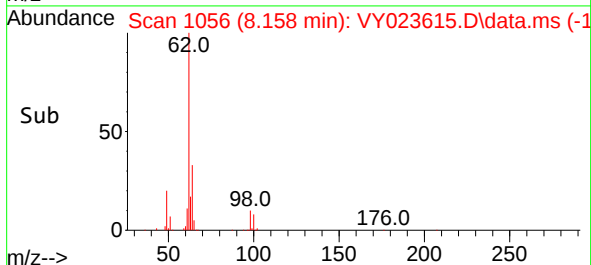
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

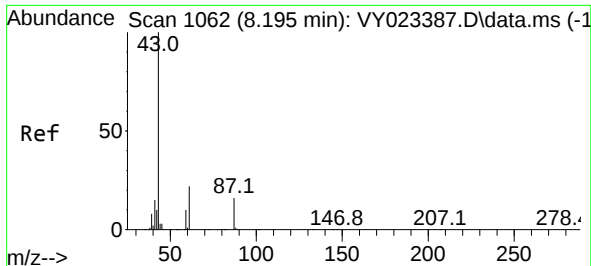


#42
1,2-Dichloroethane
Concen: 49.183 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



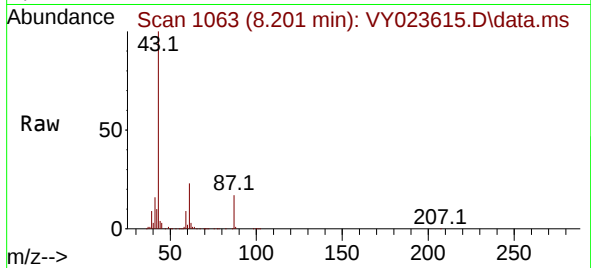
Tgt Ion: 62 Resp: 114257
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.6





#43
Isopropyl Acetate
Concen: 59.771 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

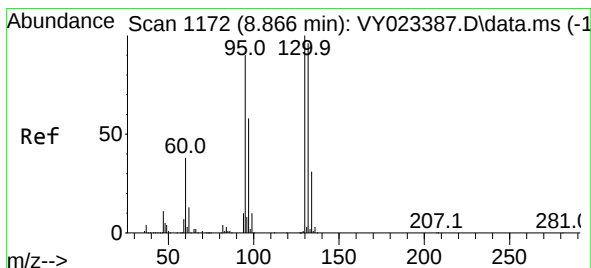
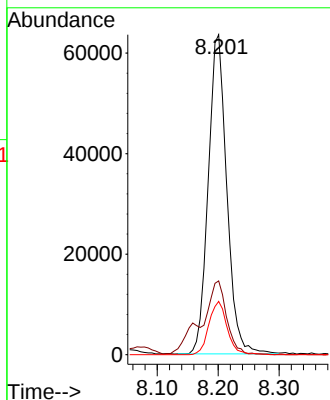
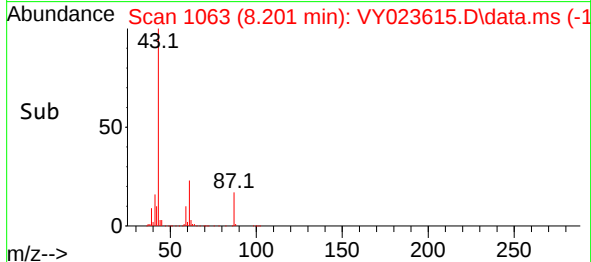
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 13430
Ion Ratio Lower Upper
43 100
61 23.4 18.1 27.1
87 16.4 13.5 20.3

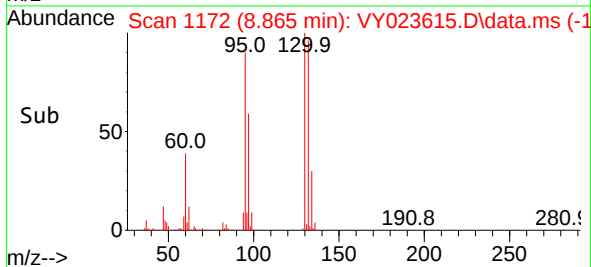
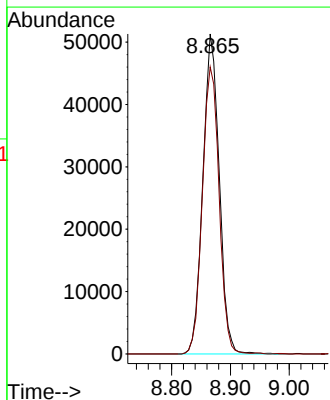
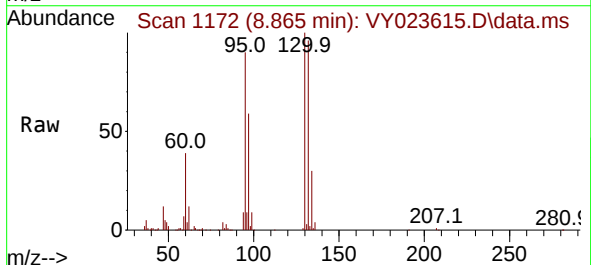
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 37.724 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:130 Resp: 99459
Ion Ratio Lower Upper
130 100
95 89.7 0.0 180.6





#45

1,2-Dichloropropane

Concen: 43.395 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 63 Resp: 86339

Ion Ratio Lower Upper

63 100

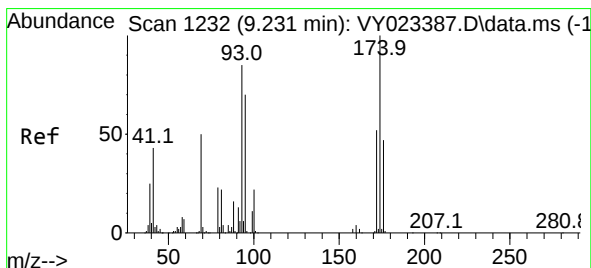
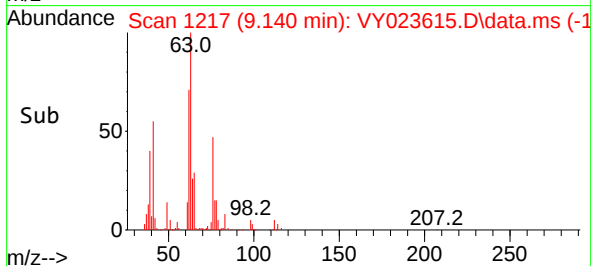
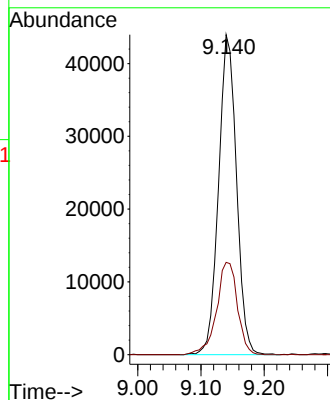
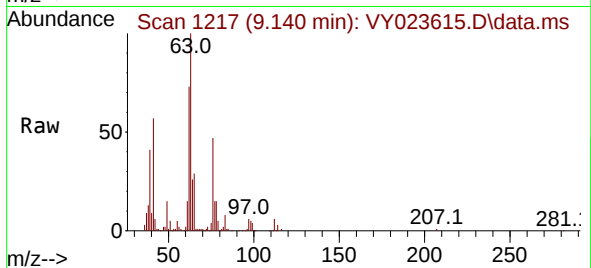
65 28.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#46

Dibromomethane

Concen: 49.133 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

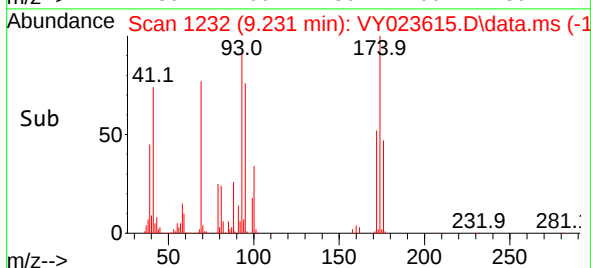
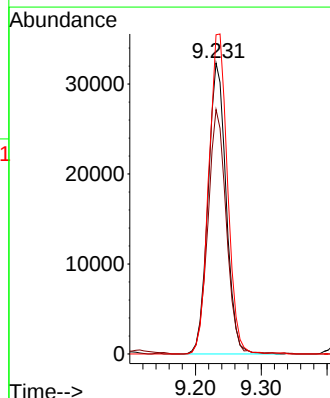
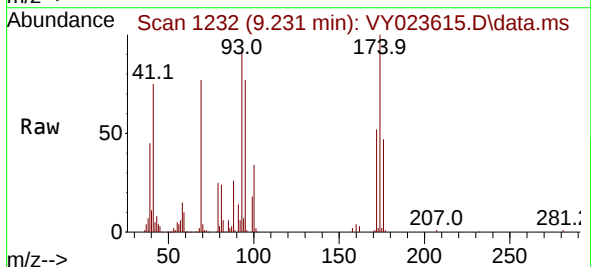
Tgt Ion: 93 Resp: 61813

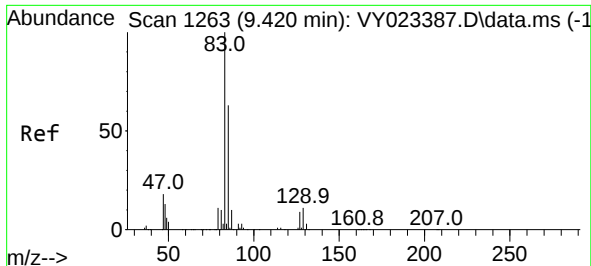
Ion Ratio Lower Upper

93 100

95 85.0 65.4 98.0

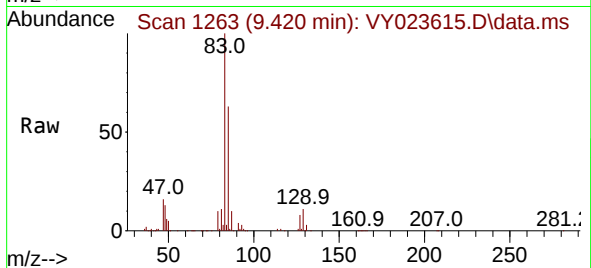
174 114.0 92.9 139.3





#47
Bromodichloromethane
Concen: 43.236 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

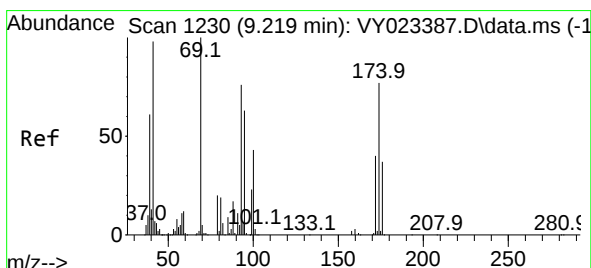
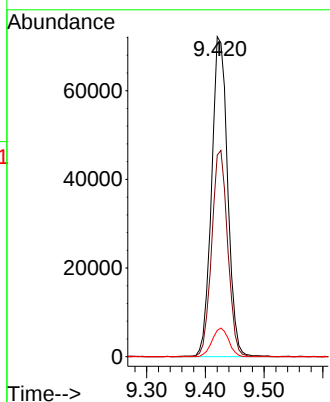
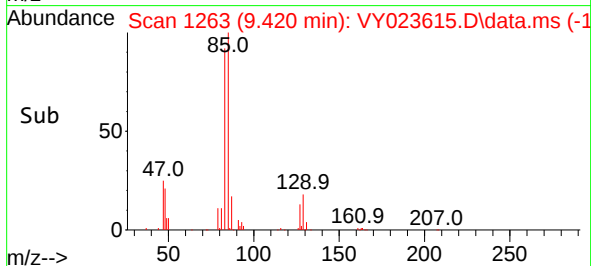
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 83 Resp: 13699
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 8.2 7.4 11.2

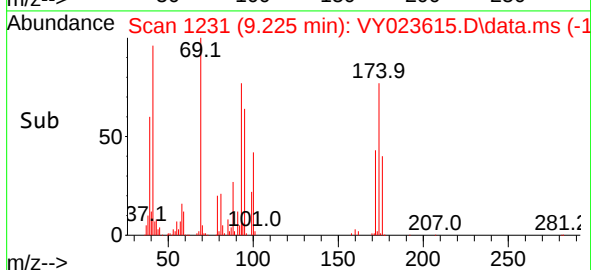
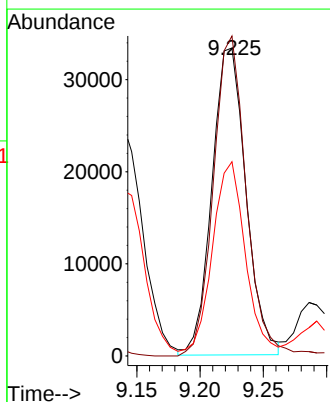
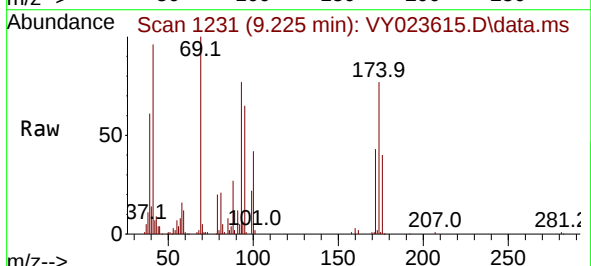
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 59.154 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

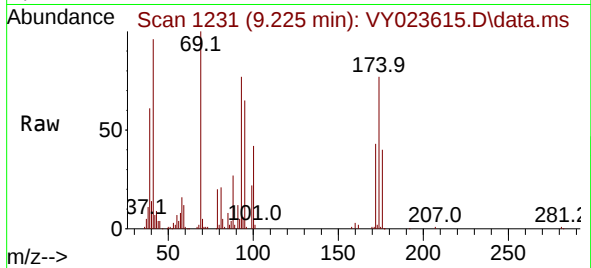
Tgt Ion: 41 Resp: 62443
Ion Ratio Lower Upper
41 100
69 100.4 81.0 121.4
39 61.2 48.2 72.4





#49
1,4-Dioxane
Concen: 1466.213 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

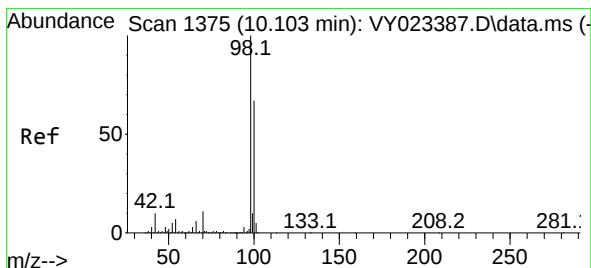
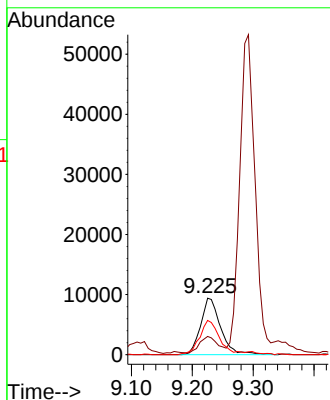
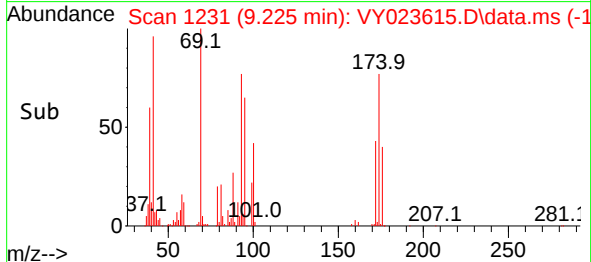
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



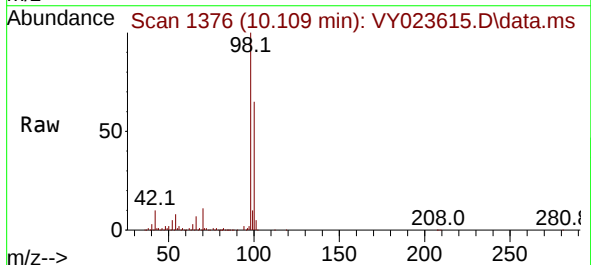
Tgt Ion: 88 Resp: 2138
Ion Ratio Lower Upper
88 100
43 26.2 21.8 32.8
58 60.9 46.8 70.2

Manual Integrations APPROVED

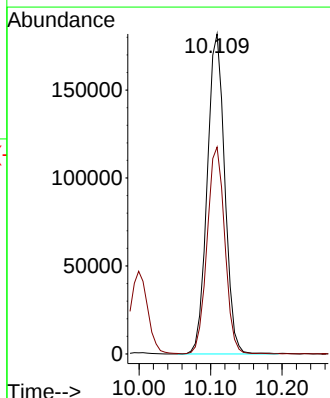
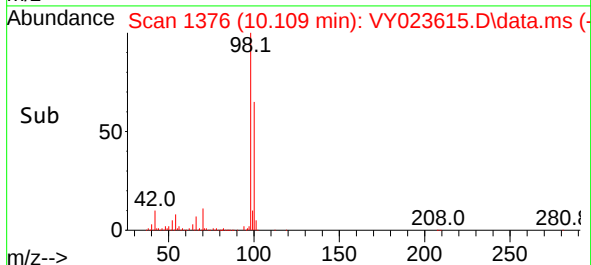
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

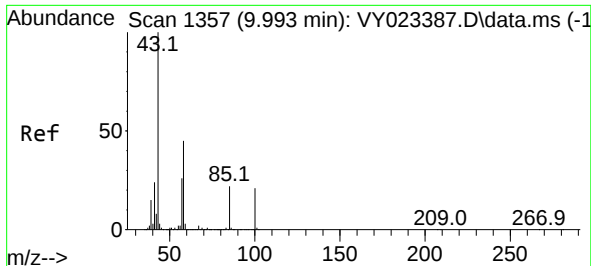


#50
Toluene-d8
Concen: 38.620 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



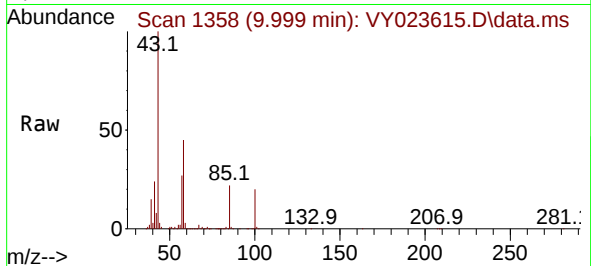
Tgt Ion: 98 Resp: 309005
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 343.344 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

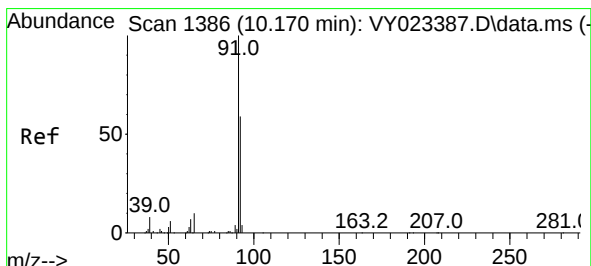
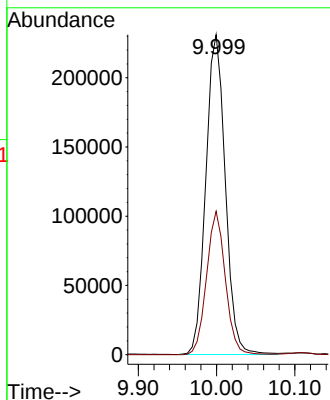
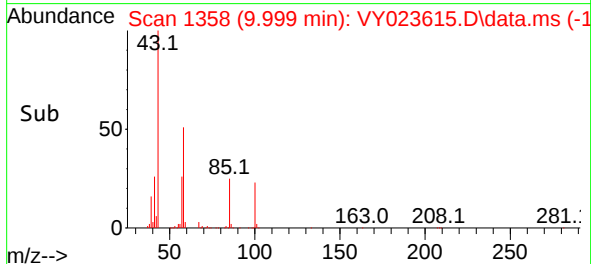
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 39859
Ion Ratio Lower Upper
43 100
58 43.3 35.3 52.9

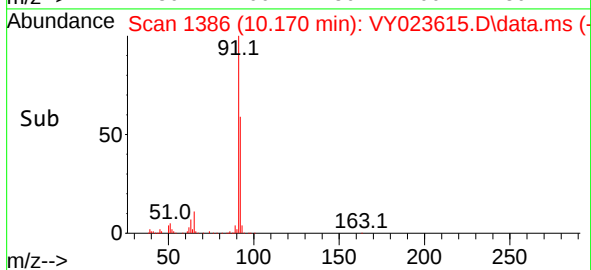
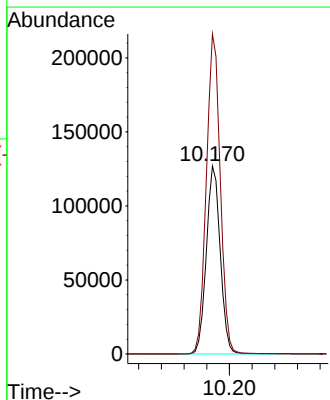
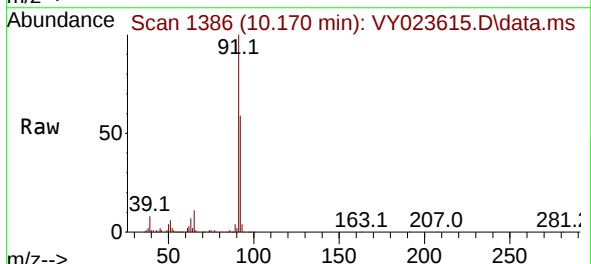
Manual Integrations
APPROVED

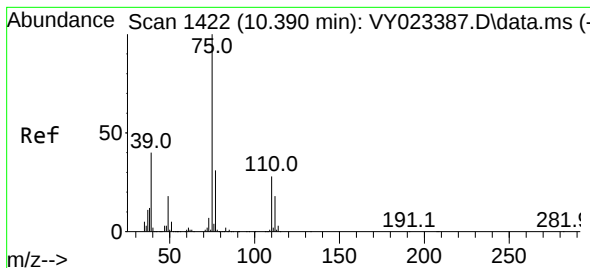
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
Toluene
Concen: 36.940 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

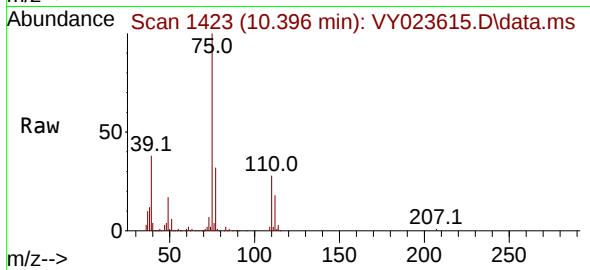
Tgt Ion: 92 Resp: 216049
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 39.775 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

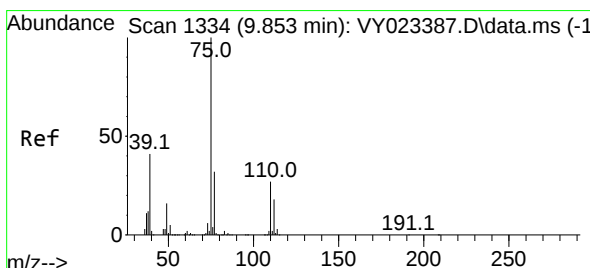
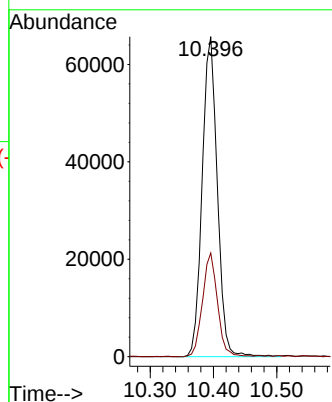
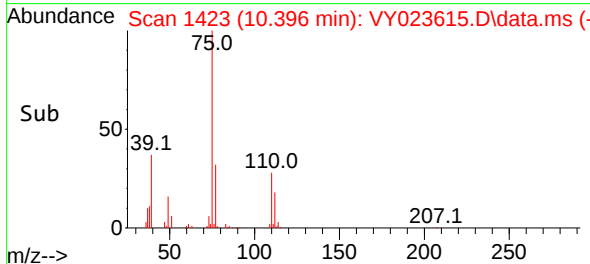
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 75 Resp: 109584
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7

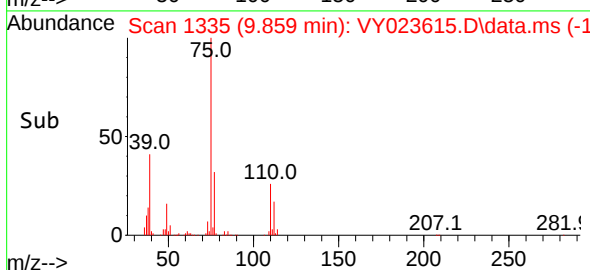
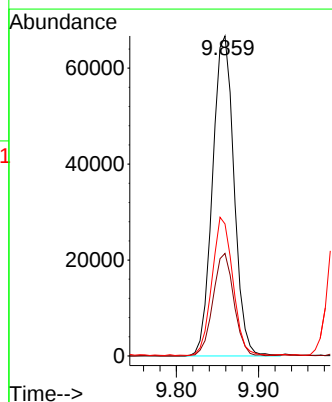
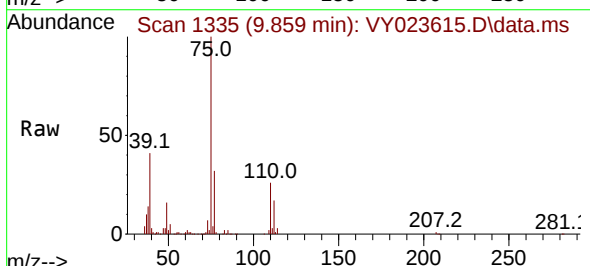
Manual Integrations
APPROVED

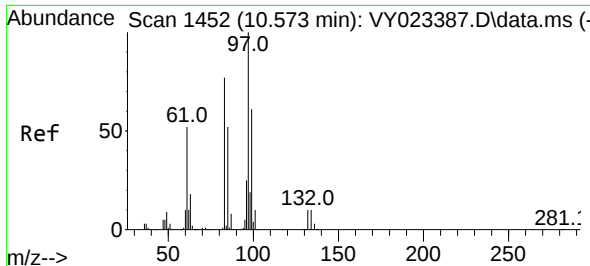
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
cis-1,3-Dichloropropene
Concen: 37.219 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

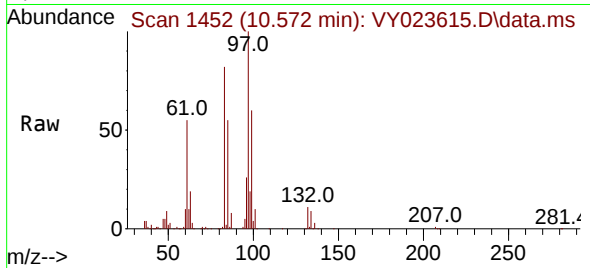
Tgt Ion: 75 Resp: 121022
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 41.0 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 50.896 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

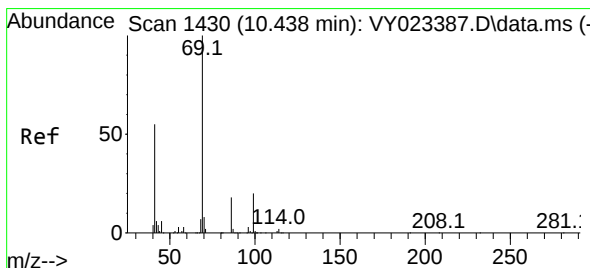
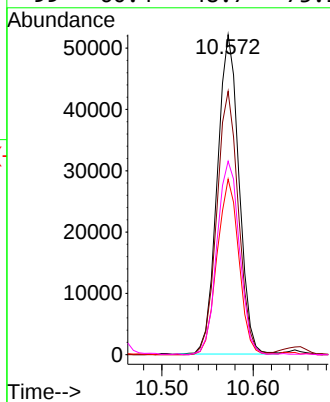
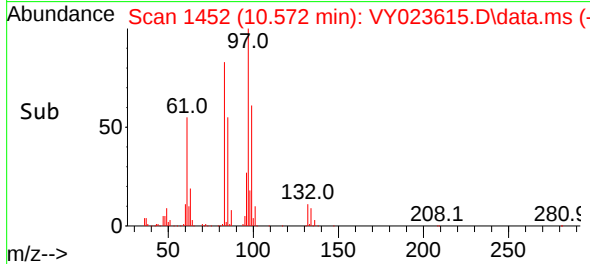
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



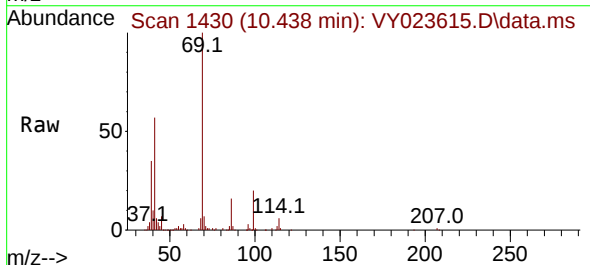
Tgt Ion:	97	Resp:	86100
Ion Ratio	100	Lower	Upper
97	100		
83	82.5	61.8	92.6
85	55.0	41.3	61.9
99	60.4	48.7	73.1

Manual Integrations APPROVED

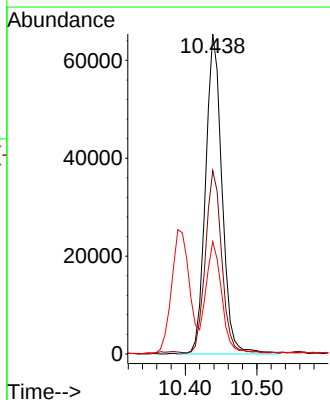
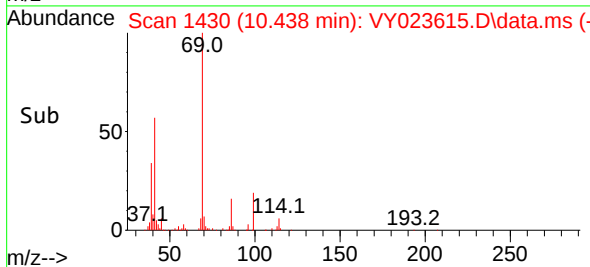
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

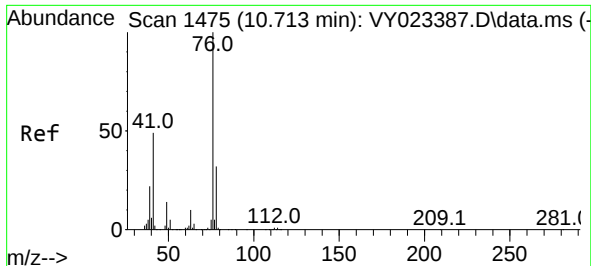


#56
Ethyl methacrylate
Concen: 53.440 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



Tgt Ion:	69	Resp:	104290
Ion Ratio	100	Lower	Upper
69	100		
41	56.5	44.6	67.0
39	32.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 49.419 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023615.D

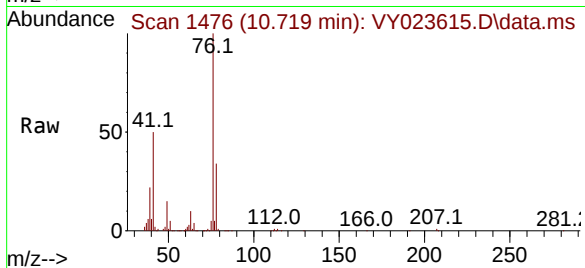
Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion: 76 Resp: 132485

Ion Ratio Lower Upper

76 100

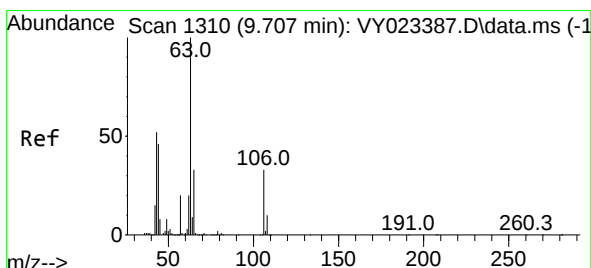
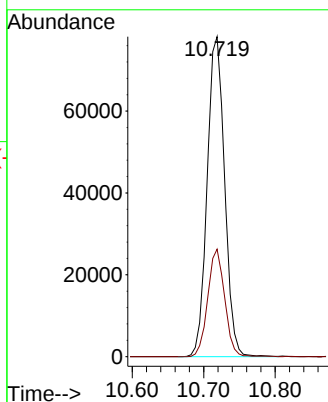
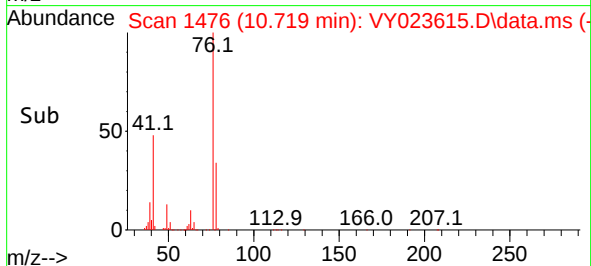
78 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 352.078 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023615.D

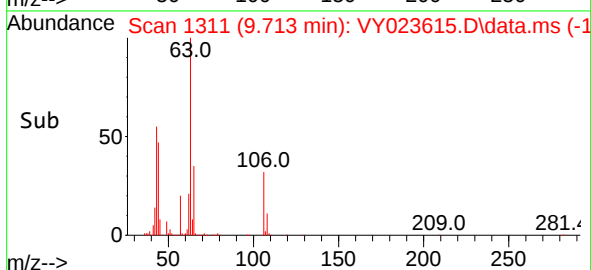
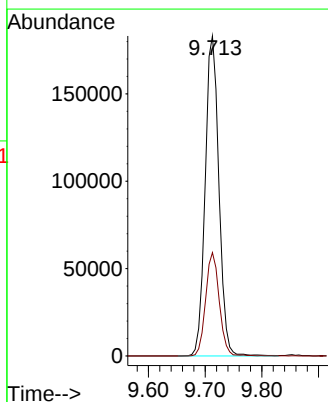
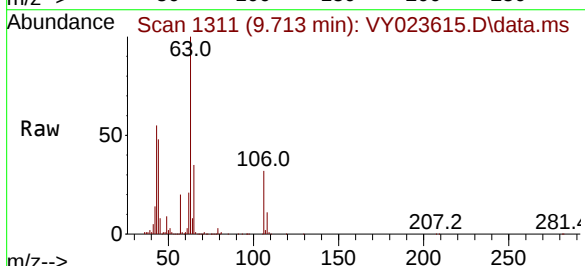
Acq: 29 Oct 2025 11:15

Tgt Ion: 63 Resp: 307797

Ion Ratio Lower Upper

63 100

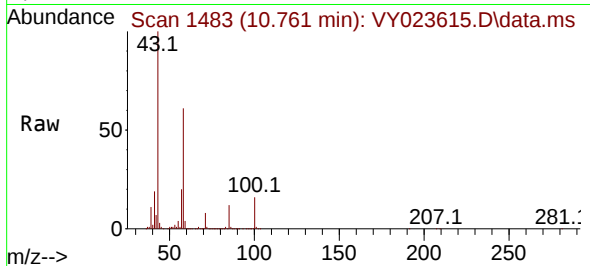
106 32.1 26.6 39.8





#59
2-Hexanone
Concen: 326.978 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

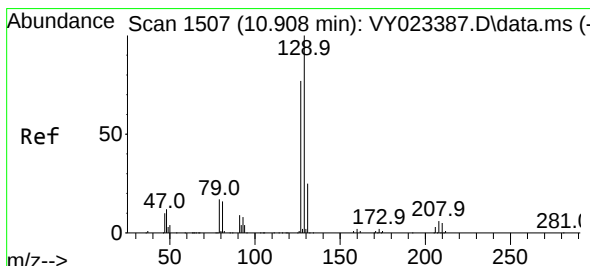
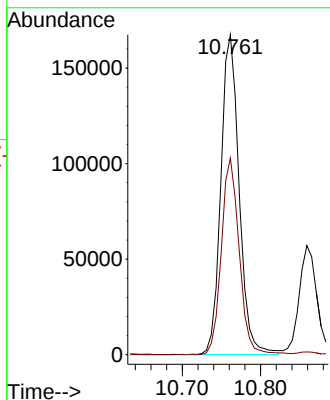
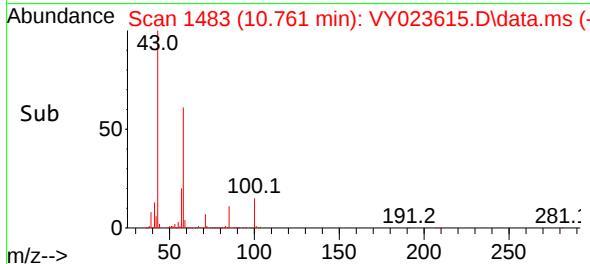
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 27127
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5

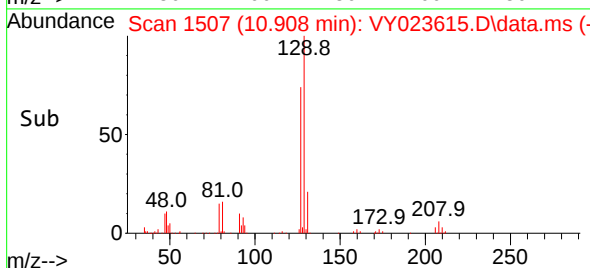
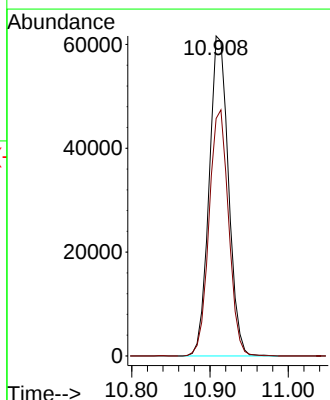
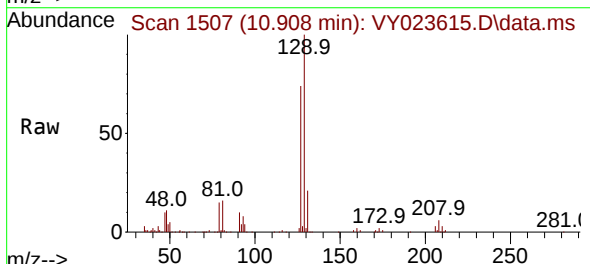
Manual Integrations
APPROVED

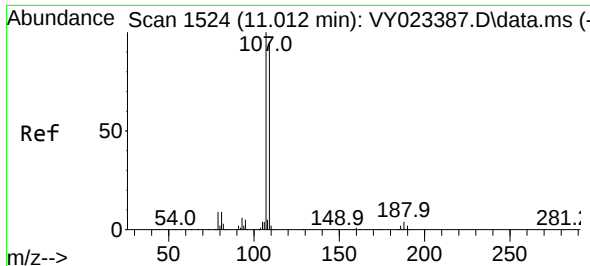
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
Dibromochloromethane
Concen: 44.445 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

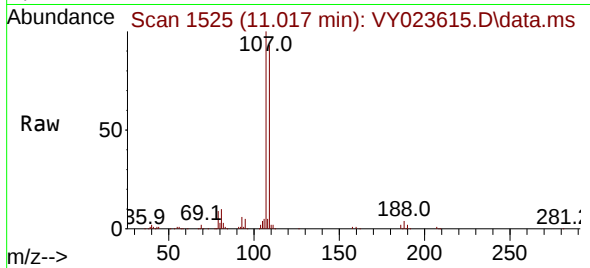
Tgt Ion:129 Resp: 105421
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 49.574 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

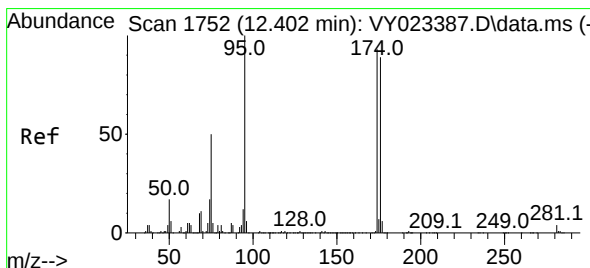
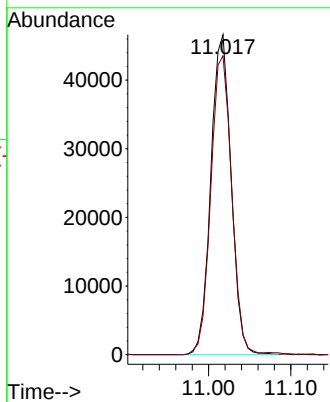
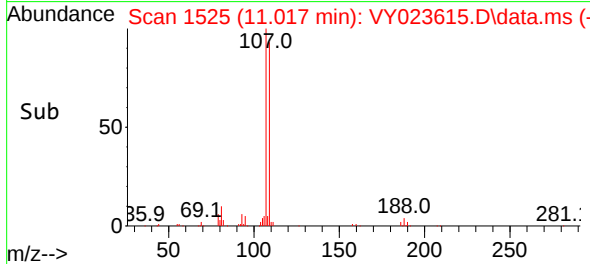
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:107 Resp: 7998
Ion Ratio Lower Upper
107 100
109 95.7 76.1 114.1

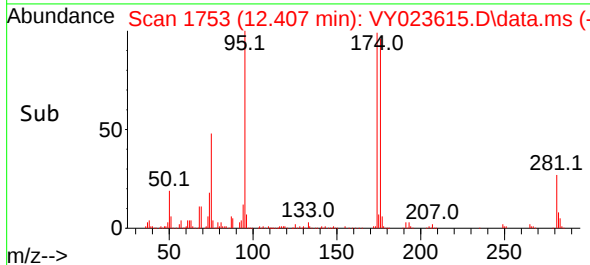
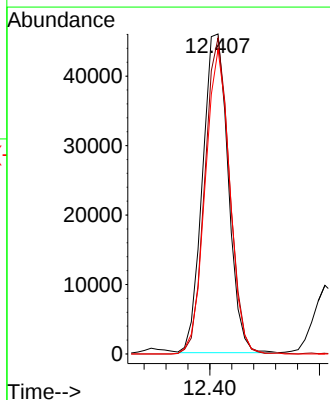
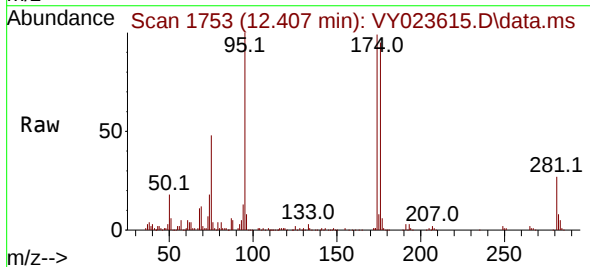
Manual Integrations
APPROVED

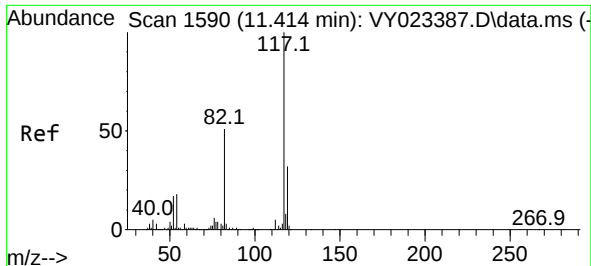
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#62
4-Bromofluorobenzene
Concen: 28.202 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

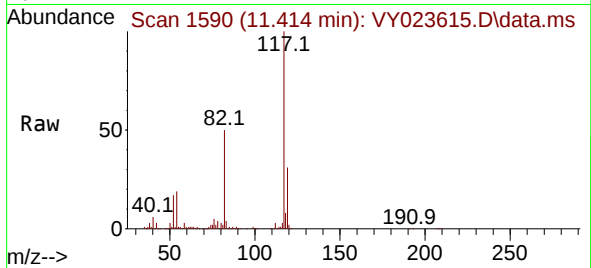
Tgt Ion: 95 Resp: 74498
Ion Ratio Lower Upper
95 100
174 95.2 0.0 192.8
176 92.0 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

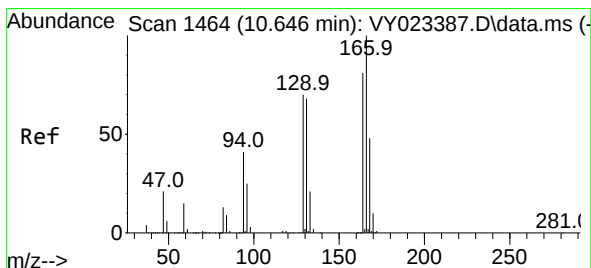
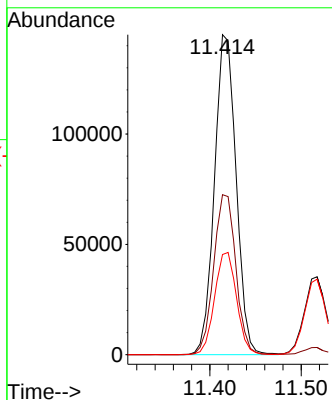
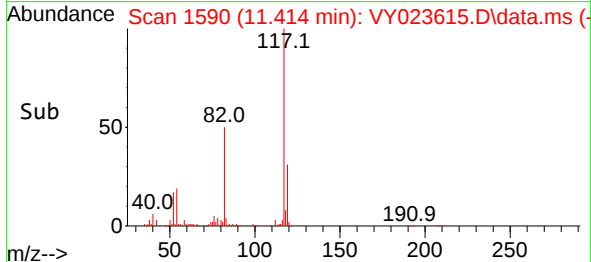
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion:117 Resp: 239008
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.4
119 31.3 25.6 38.4

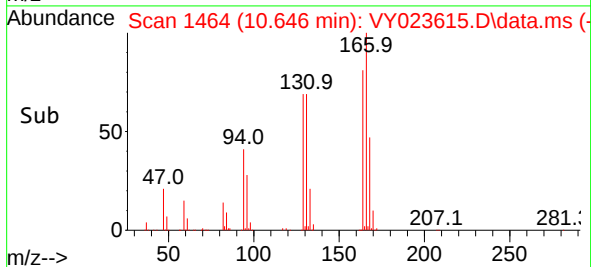
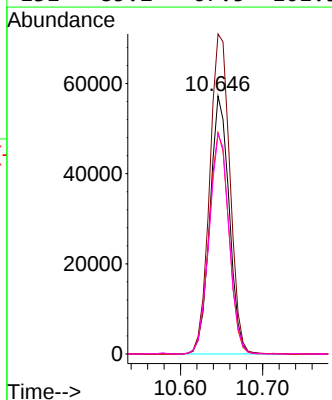
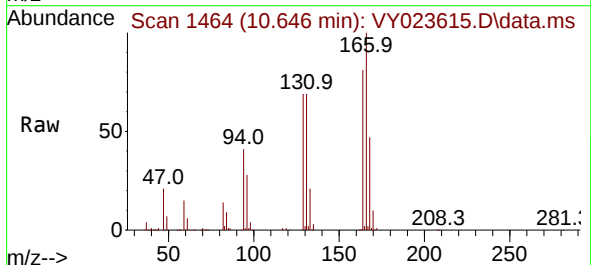
Manual Integrations
APPROVED

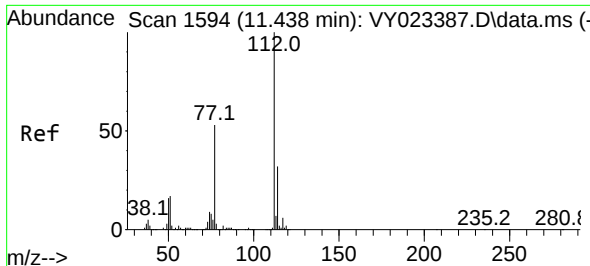
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Tetrachloroethene
Concen: 37.666 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

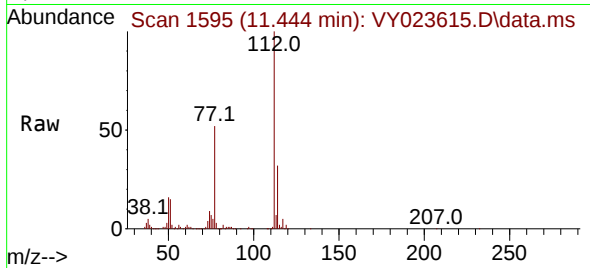
Tgt Ion:164 Resp: 92955
Ion Ratio Lower Upper
164 100
166 124.1 99.4 149.0
129 85.8 69.4 104.2
131 85.2 67.5 101.3





#65
Chlorobenzene
Concen: 40.585 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

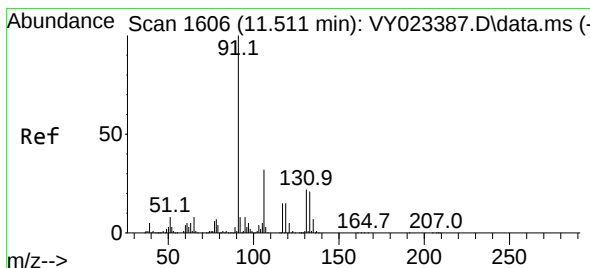
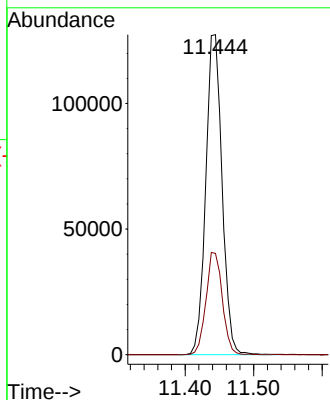
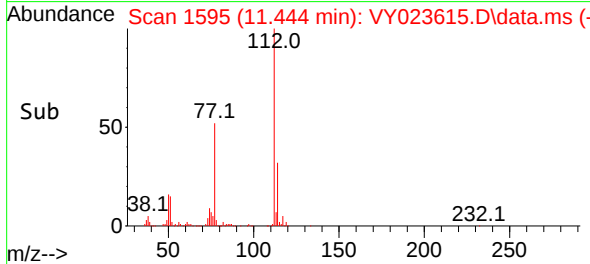
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:112 Resp: 210974
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

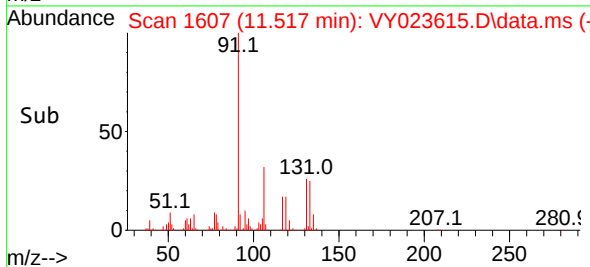
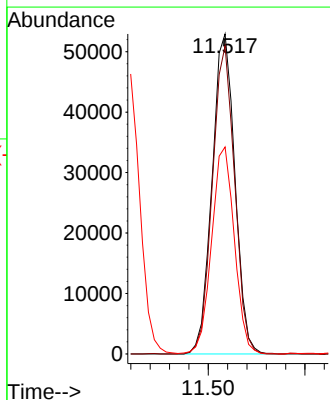
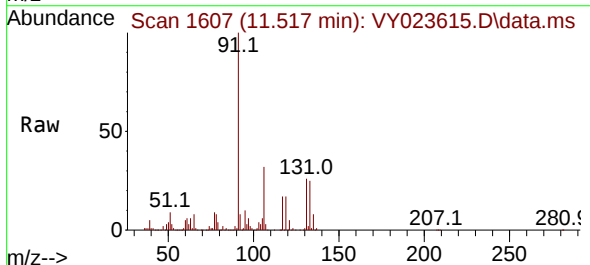
Manual Integrations
APPROVED

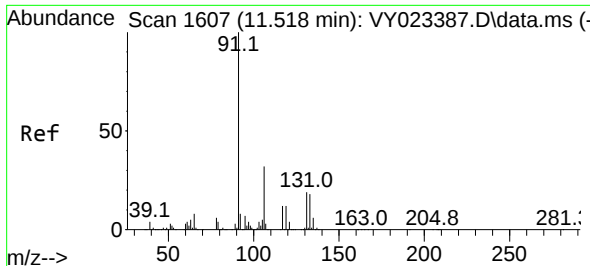
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.687 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

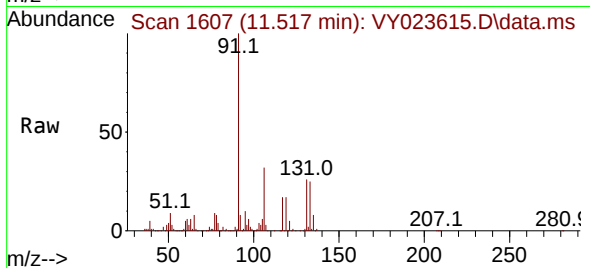
Tgt Ion:131 Resp: 86485
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.2
119 64.6 32.4 97.2





#67
Ethyl Benzene
Concen: 36.769 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

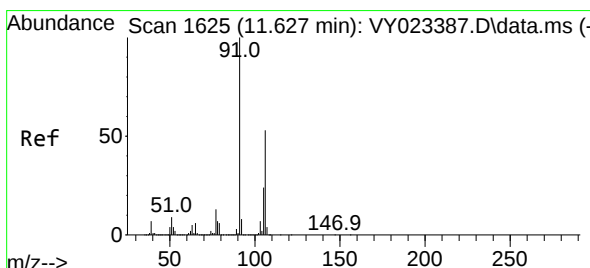
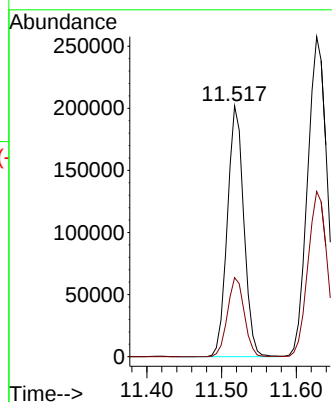
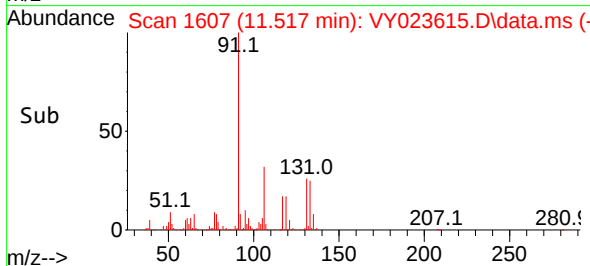
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



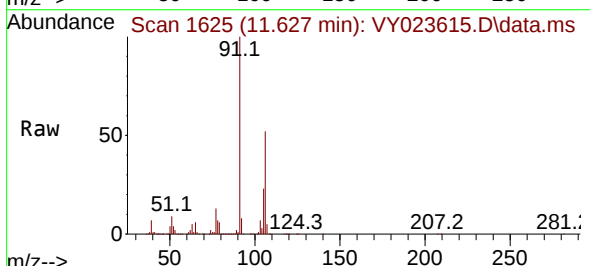
Tgt Ion: 91 Resp: 30939
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8

Manual Integrations
APPROVED

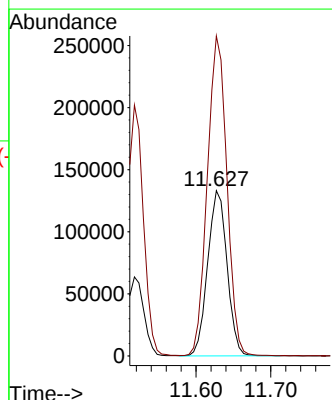
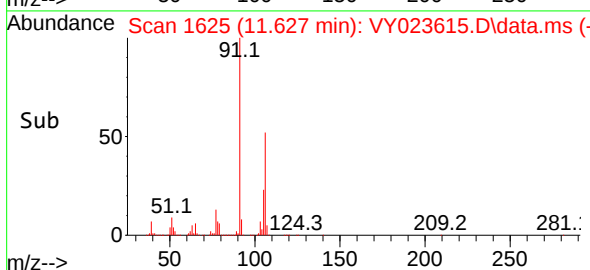
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

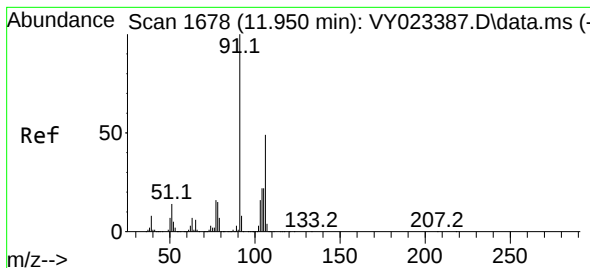


#68
m/p-Xylenes
Concen: 71.064 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



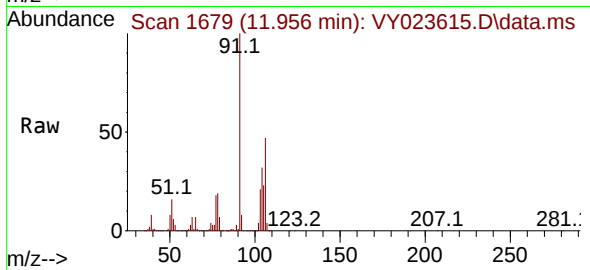
Tgt Ion:106 Resp: 239841
Ion Ratio Lower Upper
106 100
91 195.3 152.6 229.0





#69
o-Xylene
Concen: 36.194 ug/l
RT: 11.956 min Scan# 11457
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

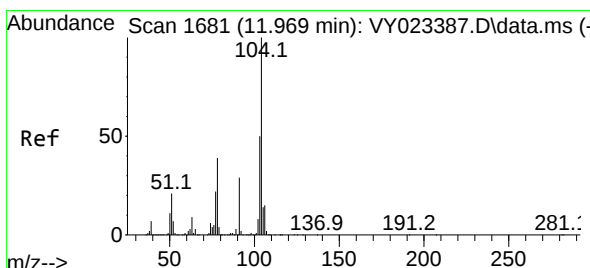
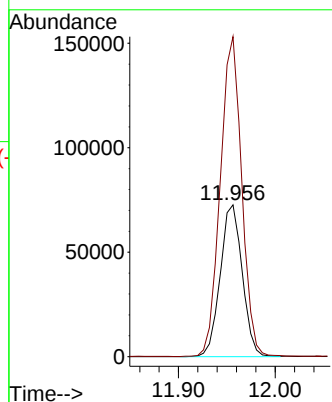
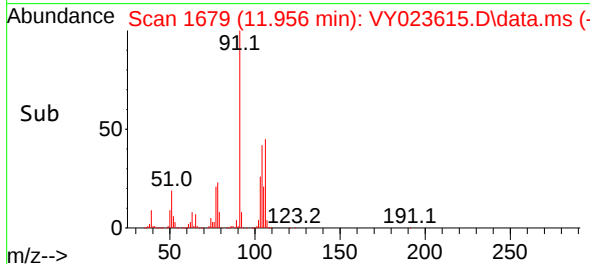
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:106 Resp: 11457
Ion Ratio Lower Upper
106 100
91 205.6 101.4 304.1

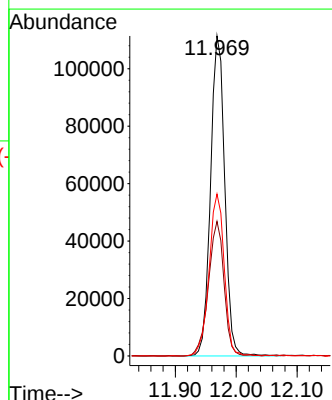
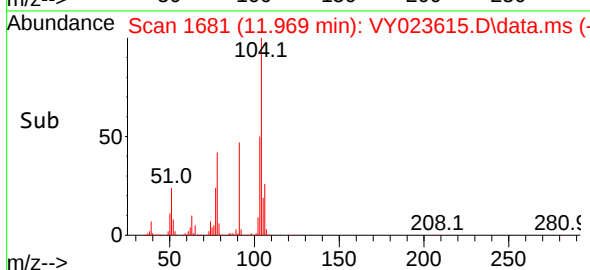
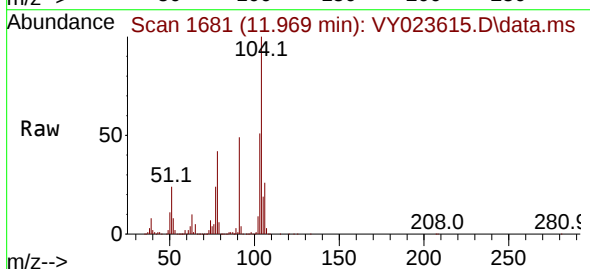
Manual Integrations
APPROVED

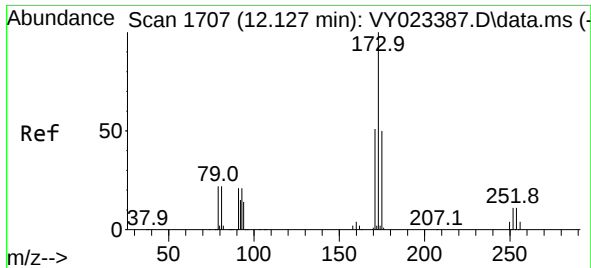
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Styrene
Concen: 34.611 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

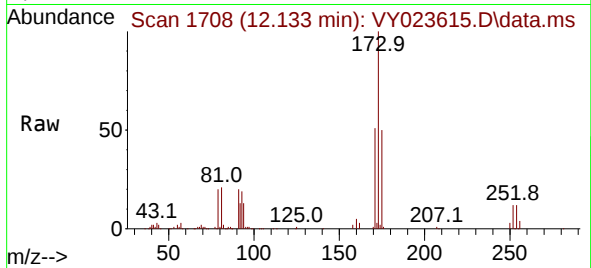
Tgt Ion:104 Resp: 180176
Ion Ratio Lower Upper
104 100
78 46.1 36.1 54.1
103 54.2 43.2 64.8





#71
Bromoform
Concen: 57.112 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

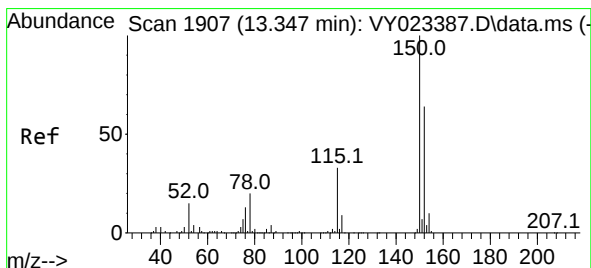
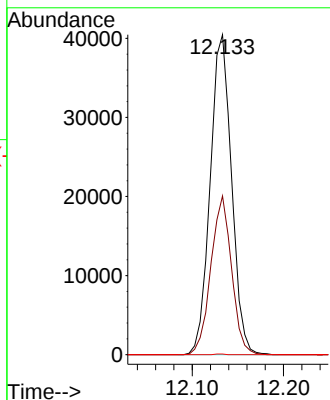
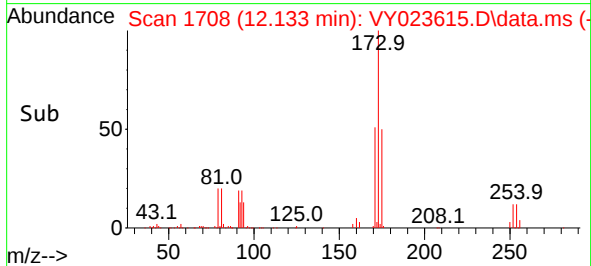
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



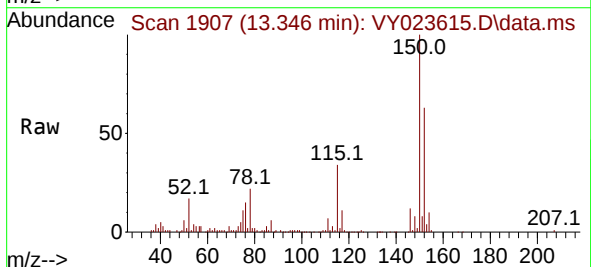
Tgt Ion:173 Resp: 65629
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

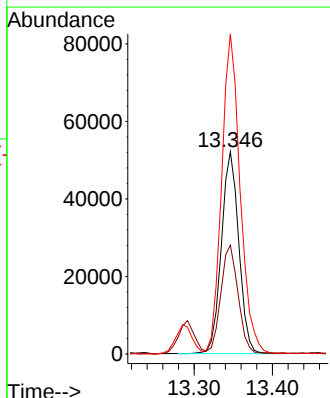
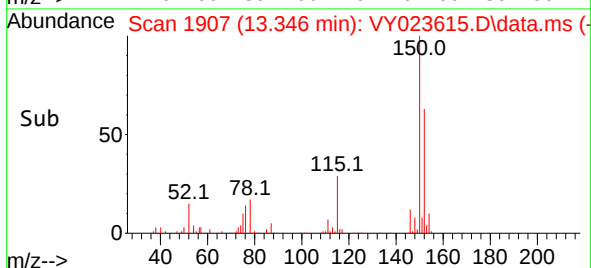
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

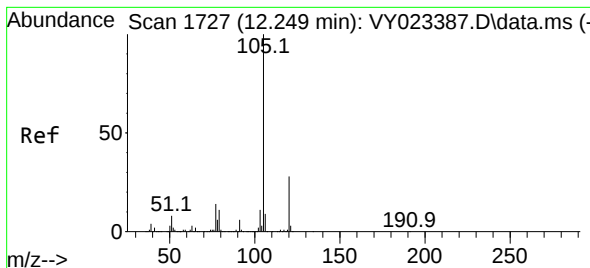


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



Tgt Ion:152 Resp: 80772
Ion Ratio Lower Upper
152 100
115 52.9 27.1 81.2
150 168.1 0.0 347.4





#73

Isopropylbenzene

Concen: 46.547 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023615.D

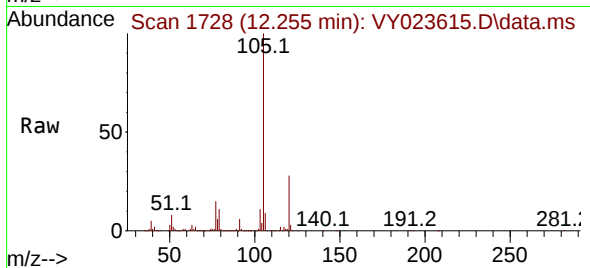
Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:105 Resp: 247760

Ion Ratio Lower Upper

105 100

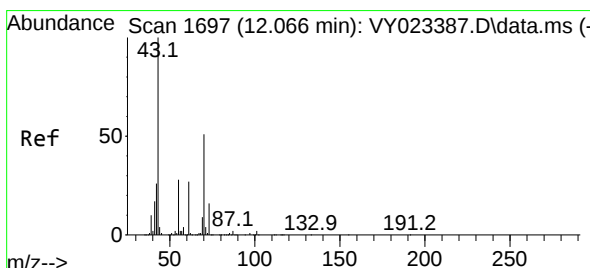
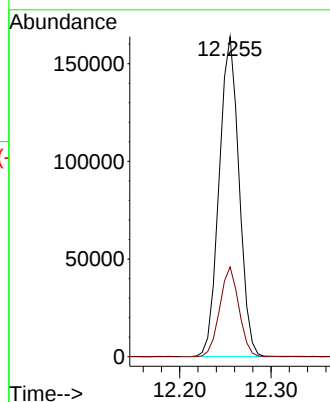
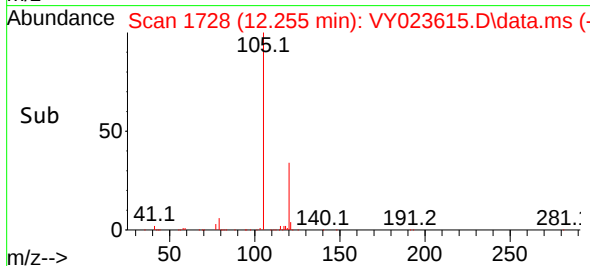
120 27.0 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#74

N-ethyl acetate

Concen: 73.690 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Tgt Ion: 43 Resp: 70454

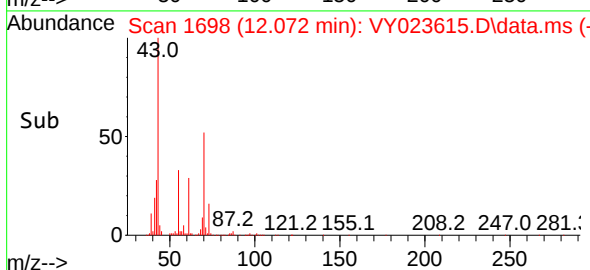
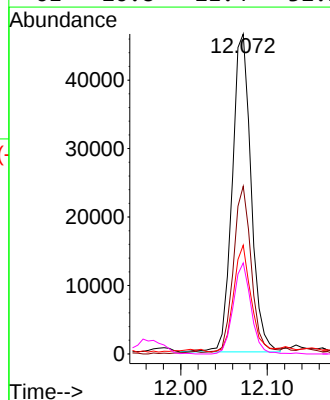
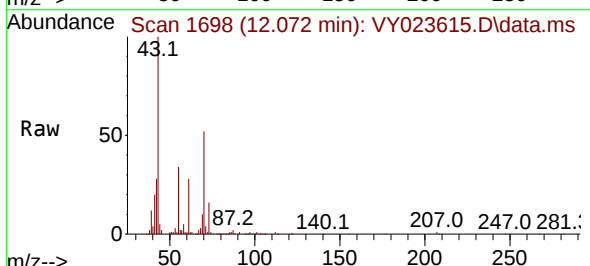
Ion Ratio Lower Upper

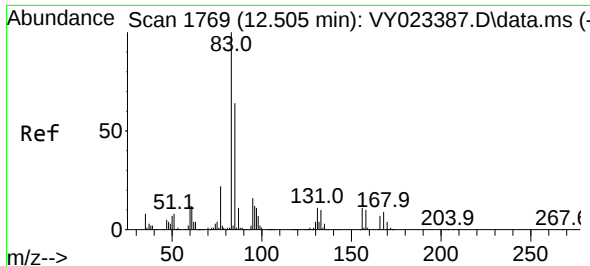
43 100

70 49.0 41.1 61.7

55 31.3 23.0 34.6

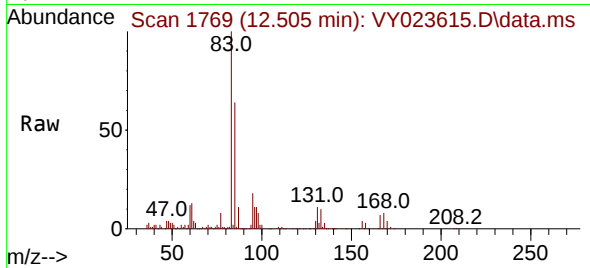
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 99.426 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

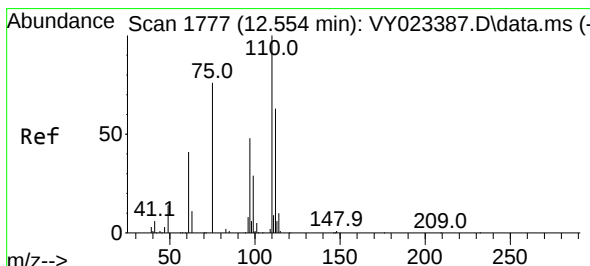
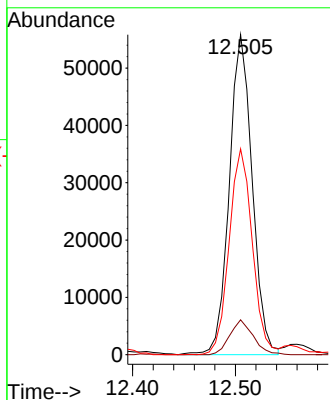
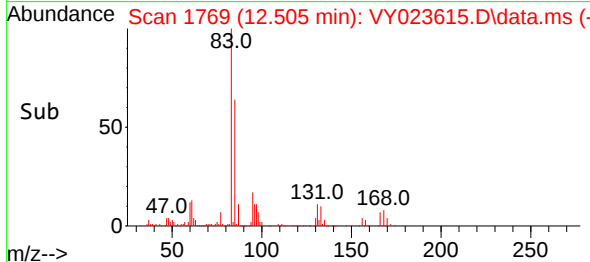
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



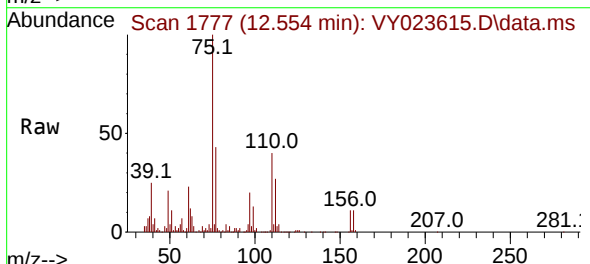
Tgt Ion: 83 Resp: 8656
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.6
85 65.2 31.8 95.3

Manual Integrations
APPROVED

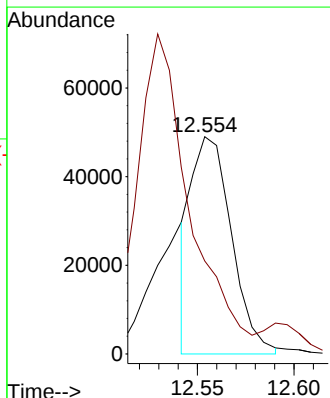
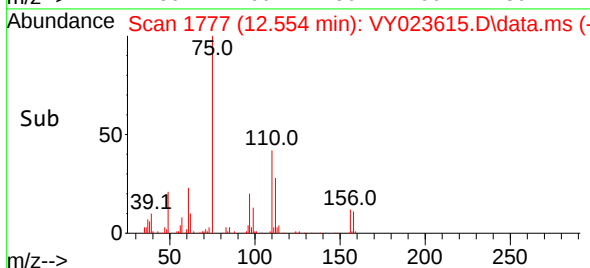
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

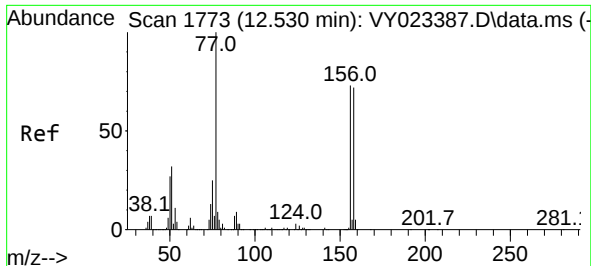


#76
1,2,3-Trichloropropane
Concen: 99.496 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



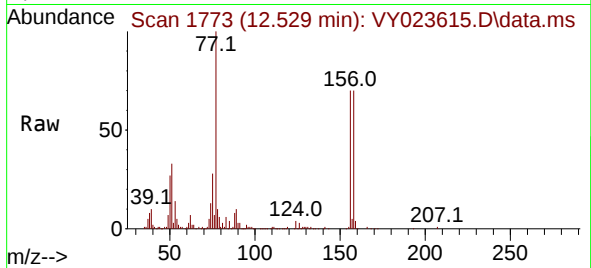
Tgt Ion: 75 Resp: 70903
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 54.394 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

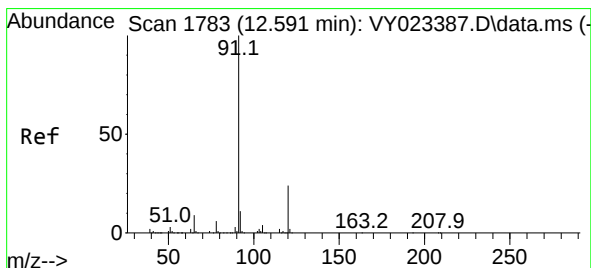
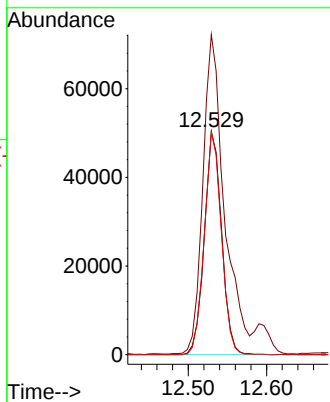
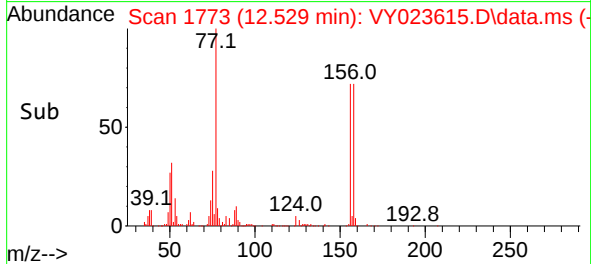
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:156 Resp: 76974
Ion Ratio Lower Upper
156 100
77 177.2 76.8 230.5
158 98.7 49.0 147.2

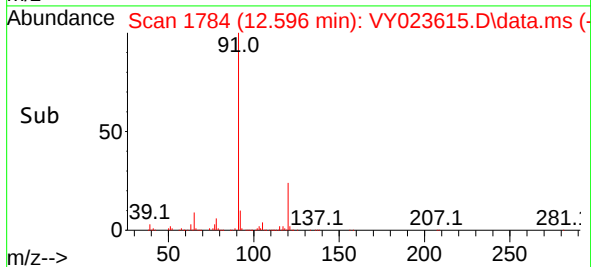
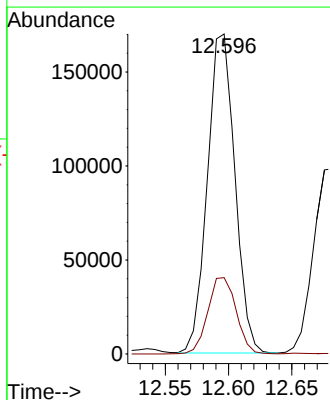
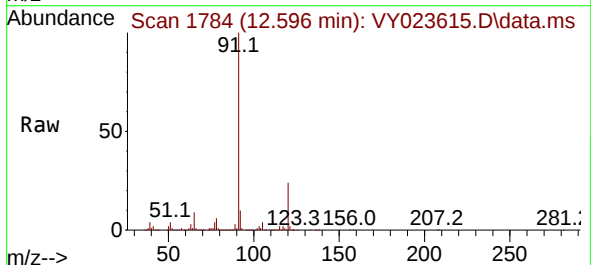
Manual Integrations
APPROVED

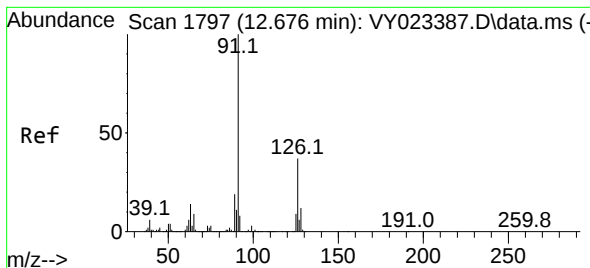
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#78
n-propylbenzene
Concen: 41.652 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion: 91 Resp: 256570
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8





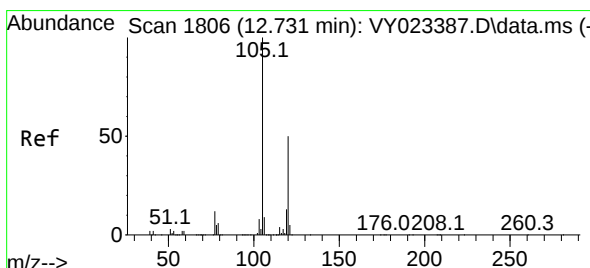
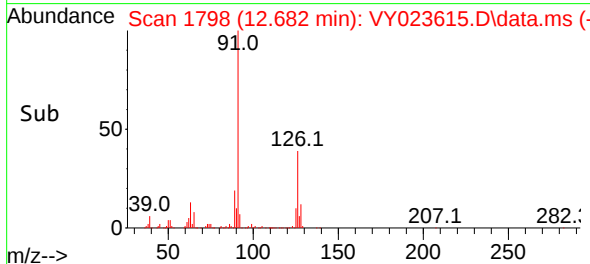
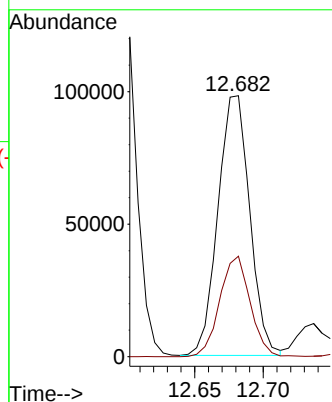
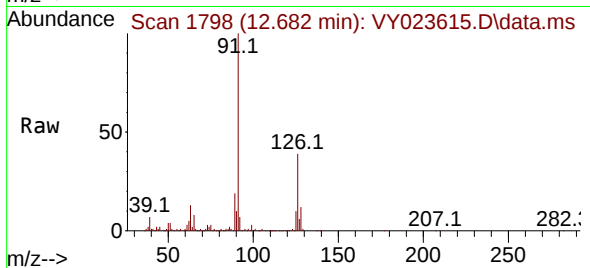
#79
2-Chlorotoluene
Concen: 43.947 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

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

Tgt Ion: 91 Resp: 15852
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

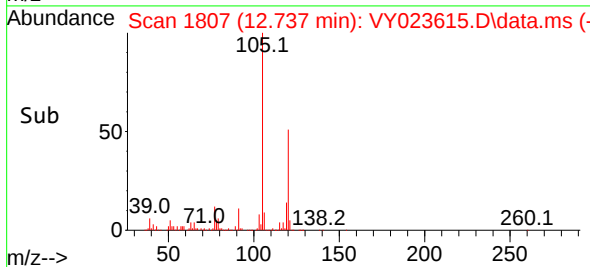
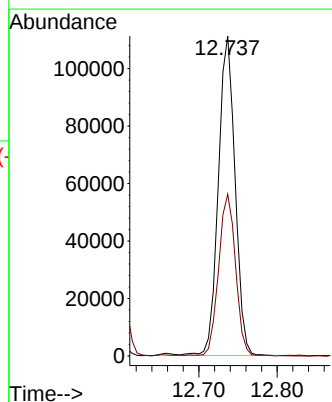
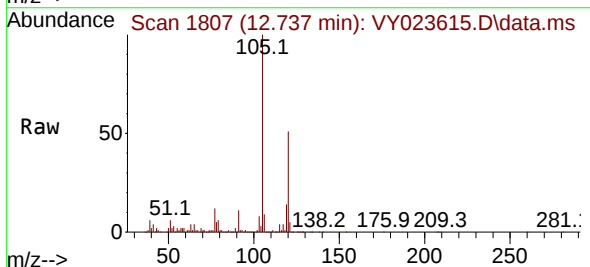
Manual Integrations
APPROVED

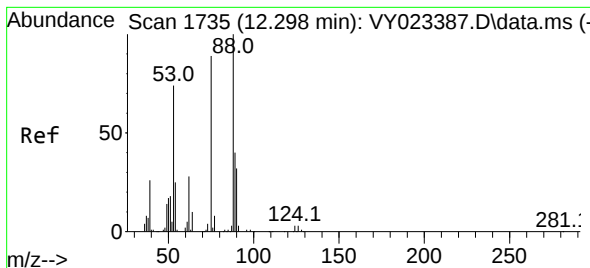
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 38.405 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

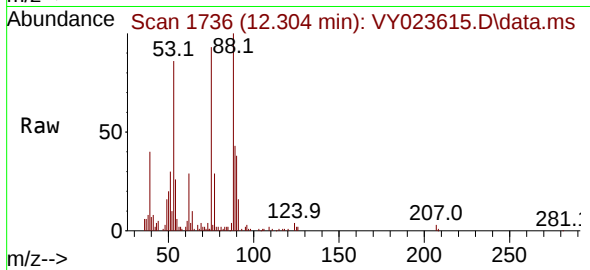
Tgt Ion:105 Resp: 165193
Ion Ratio Lower Upper
105 100
120 51.4 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 63.116 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

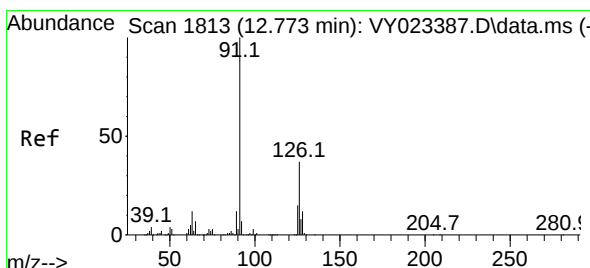
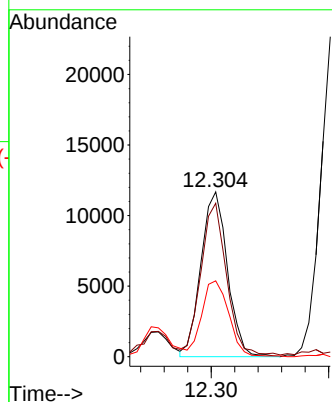
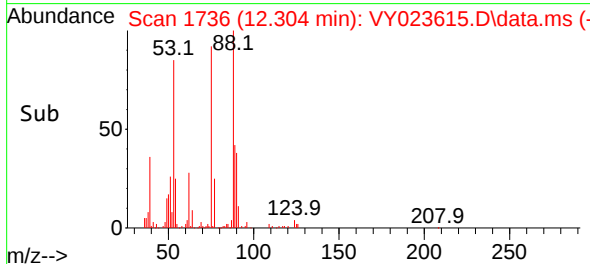
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 75 Resp: 1834
Ion Ratio Lower Upper
75 100
53 88.7 68.6 102.8
89 46.7 39.0 58.4

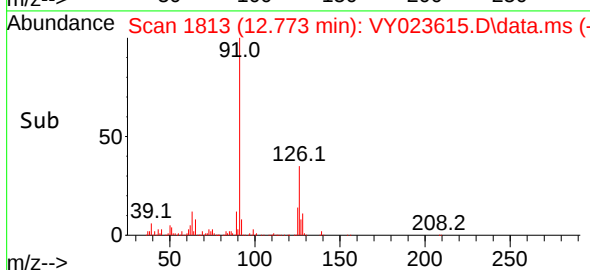
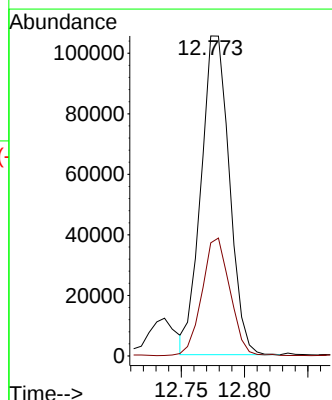
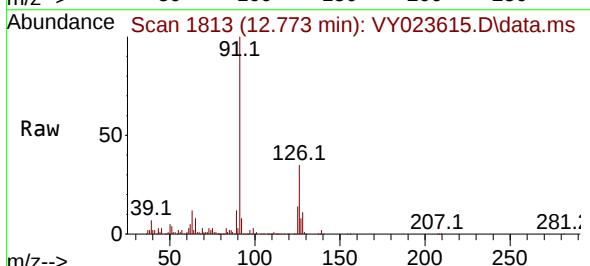
Manual Integrations
APPROVED

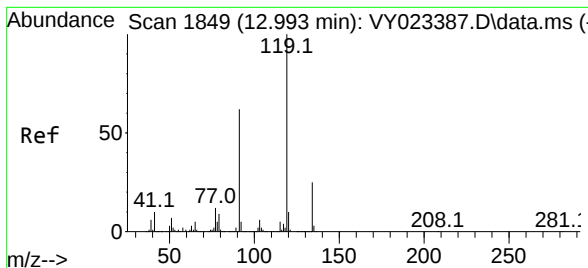
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#82
4-Chlorotoluene
Concen: 44.138 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

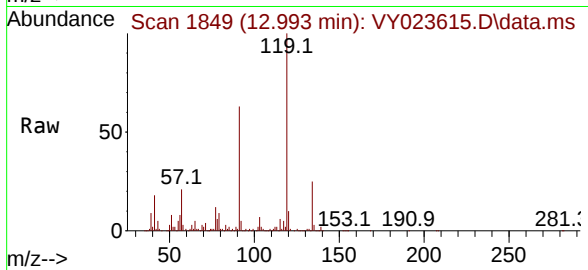
Tgt Ion: 91 Resp: 163969
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4





#83
tert-Butylbenzene
Concen: 38.059 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

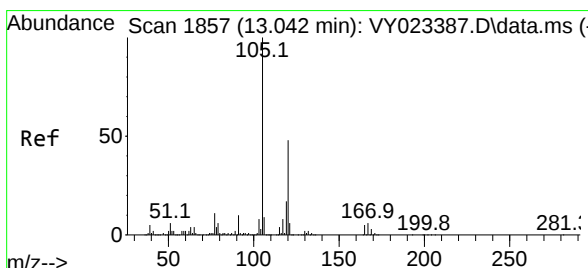
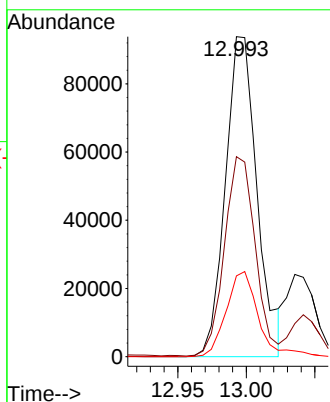
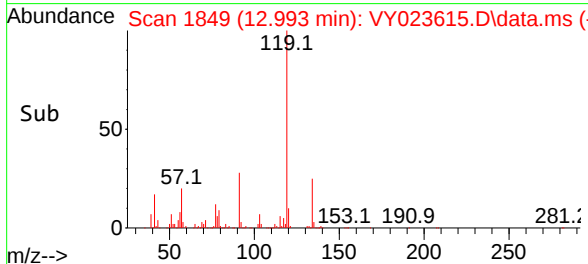
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



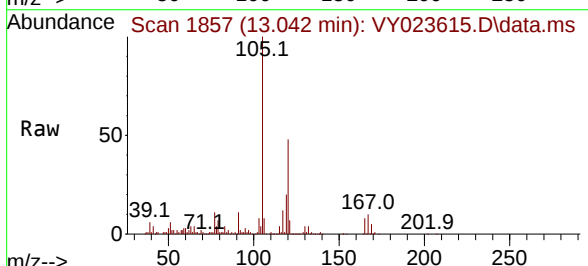
Tgt Ion:119 Resp: 15115
Ion Ratio Lower Upper
119 100
91 60.4 29.9 89.8
134 27.1 12.9 38.7

Manual Integrations
APPROVED

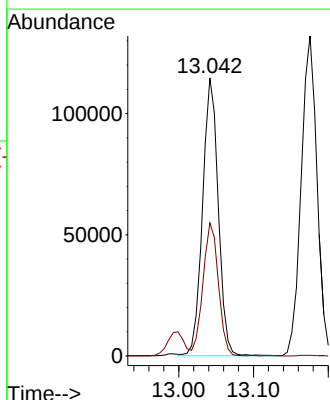
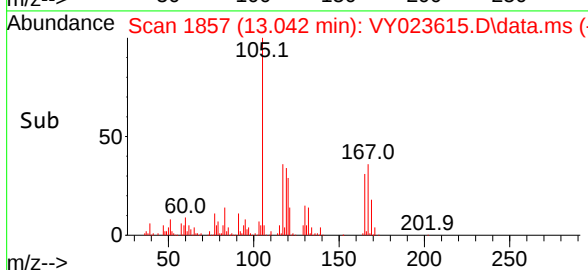
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

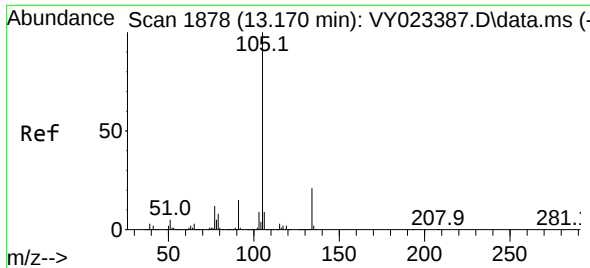


#84
1,2,4-Trimethylbenzene
Concen: 38.865 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



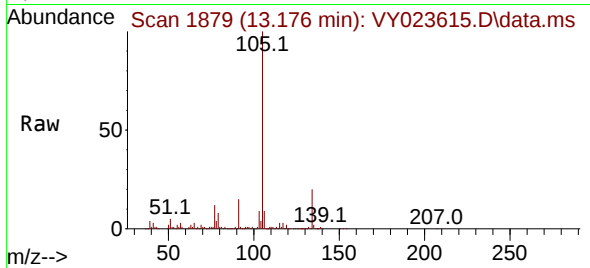
Tgt Ion:105 Resp: 166835
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 34.003 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

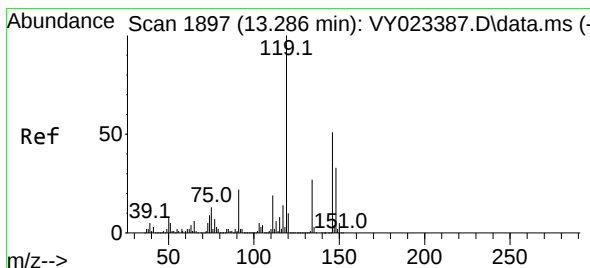
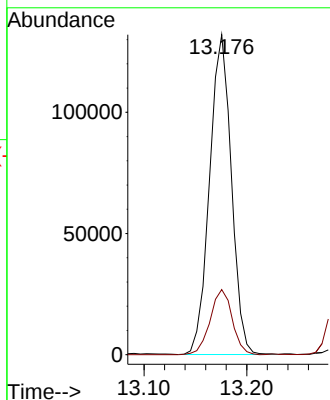
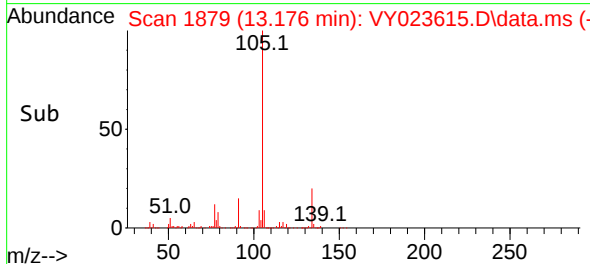
Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion:105 Resp: 19371
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.7 32.1

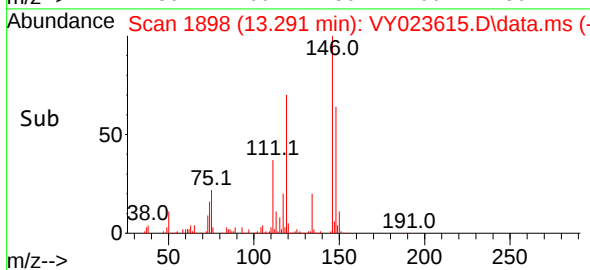
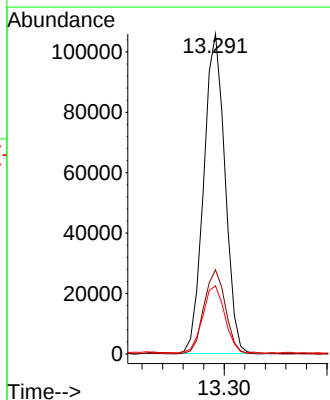
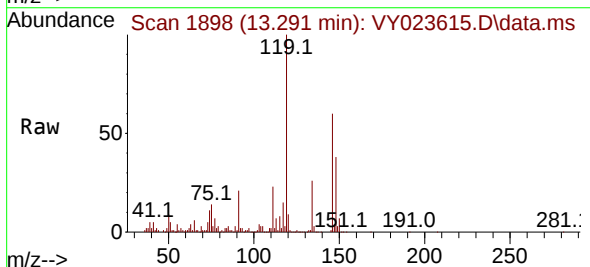
Manual Integrations
 APPROVED

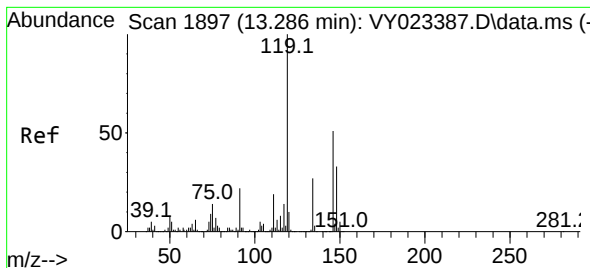
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#86
 p-Isopropyltoluene
 Concen: 31.311 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

Tgt Ion:119 Resp: 151875
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 38.653 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023615.D

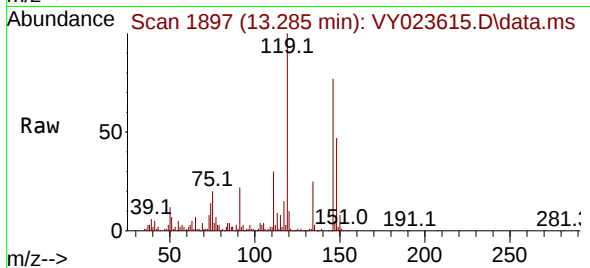
Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:146 Resp: 106514

Ion Ratio Lower Upper

146 100

111 39.7 18.7 56.1

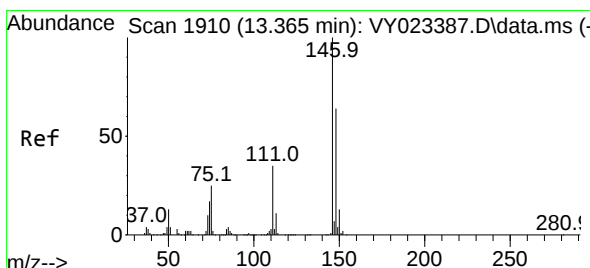
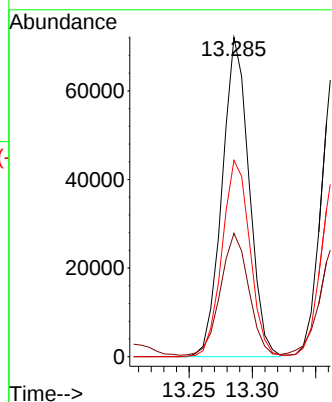
148 63.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,4-Dichlorobenzene

Concen: 40.052 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

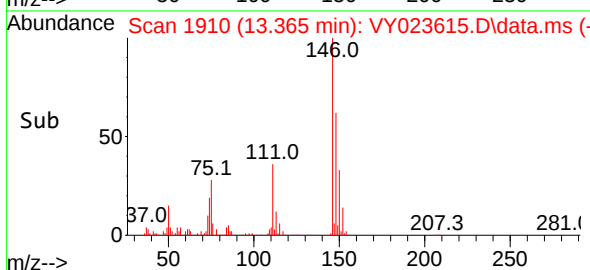
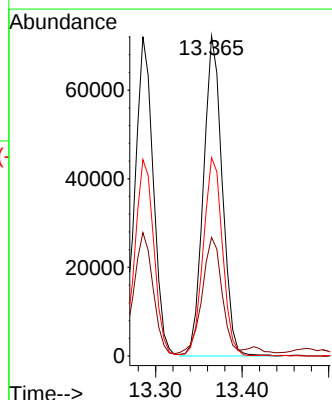
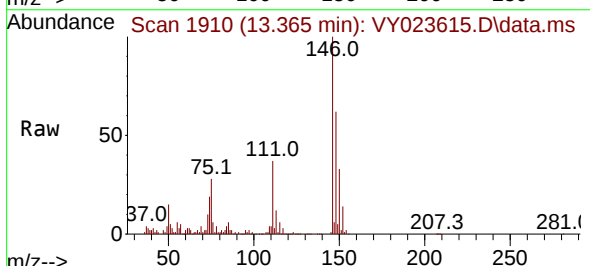
Tgt Ion:146 Resp: 109007

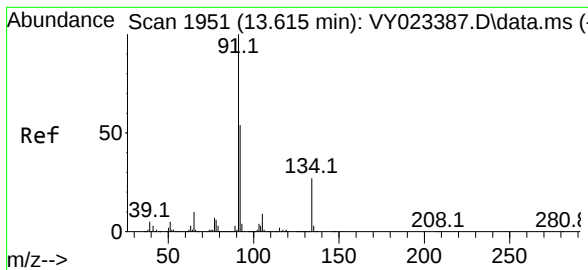
Ion Ratio Lower Upper

146 100

111 39.0 18.0 54.0

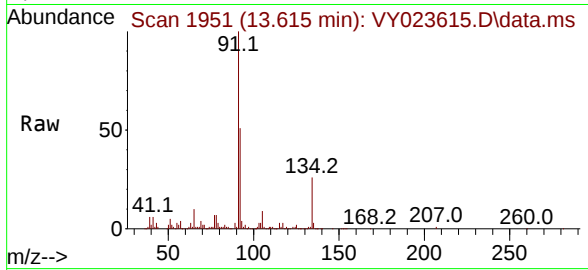
148 63.0 31.9 95.7





#89
n-Butylbenzene
Concen: 27.843 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

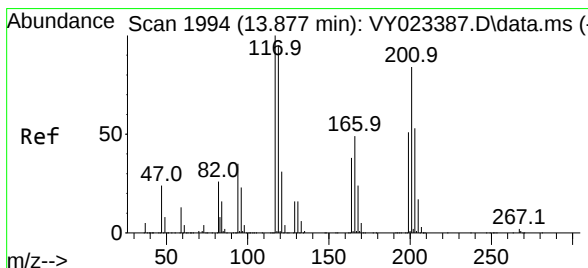
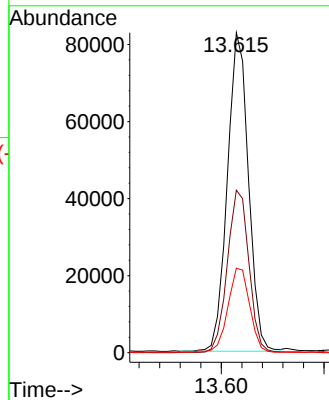
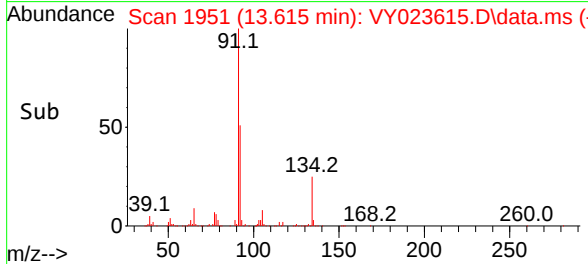
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 91 Resp: 117679
Ion Ratio Lower Upper
91 100
92 52.6 27.0 80.8
134 27.5 14.1 42.2

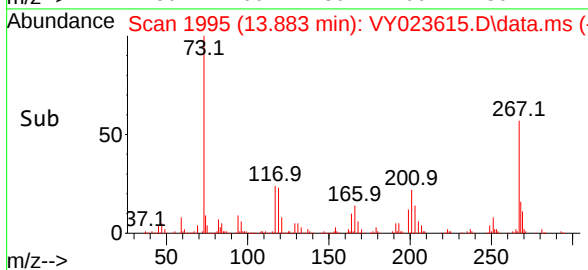
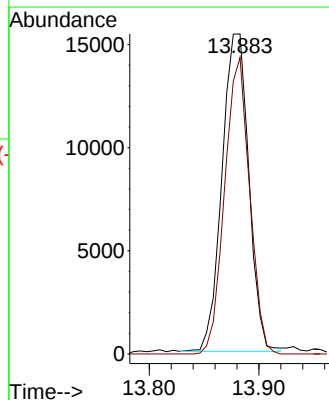
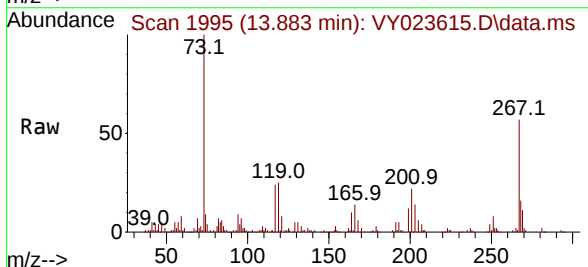
Manual Integrations
APPROVED

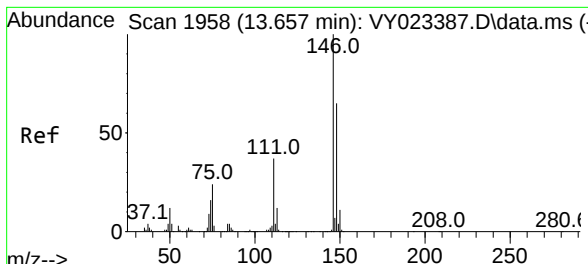
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#90
Hexachloroethane
Concen: 25.065 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

Tgt Ion:117 Resp: 26150
Ion Ratio Lower Upper
117 100
201 86.8 43.8 131.4



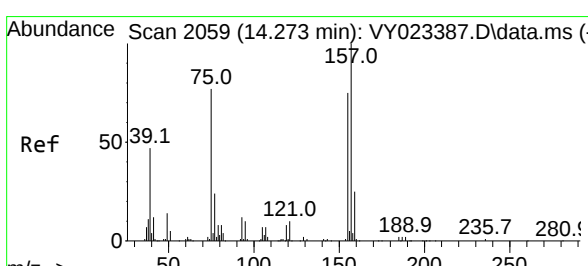
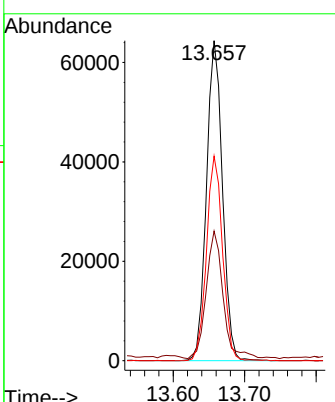
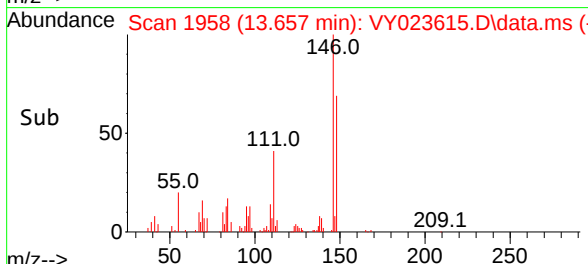
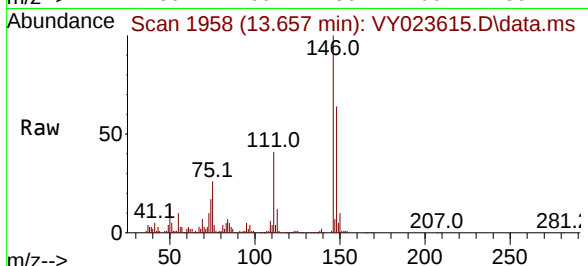


#91
 1,2-Dichlorobenzene
 Concen: 41.325 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

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

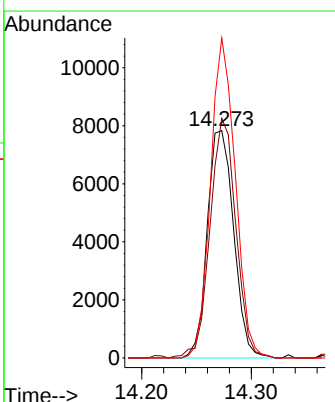
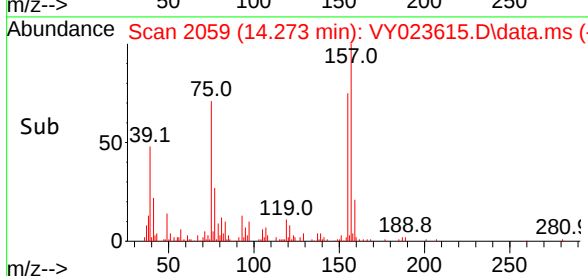
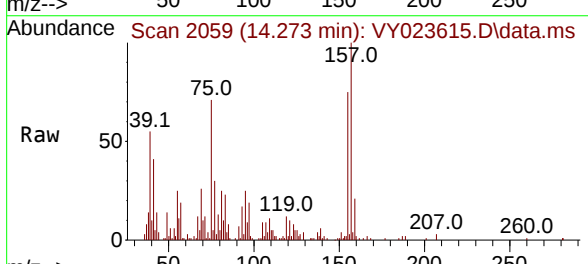
Tgt Ion:	146	Resp:	99840
Ion Ratio	Lower	Upper	
146	100		
111	42.0	19.0	57.0
148	64.4	32.1	96.3

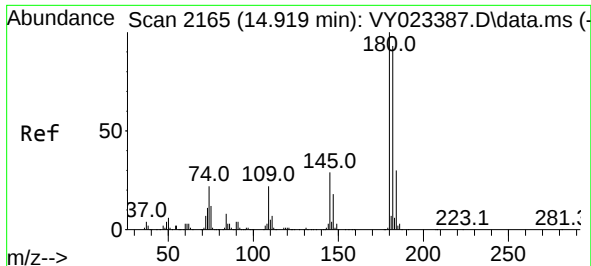
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.578 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023615.D
 Acq: 29 Oct 2025 11:15

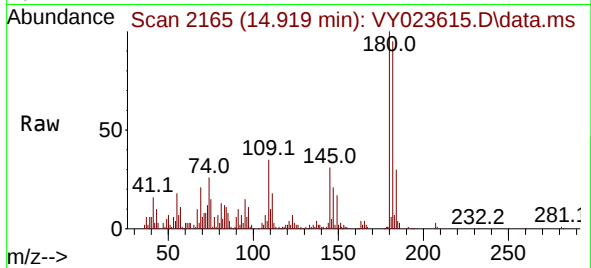
Tgt Ion:	75	Resp:	13082
Ion Ratio	Lower	Upper	
75	100		
155	103.3	50.0	150.0
157	132.2	63.8	191.5





#93
1,2,4-Trichlorobenzene
Concen: 21.955 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15

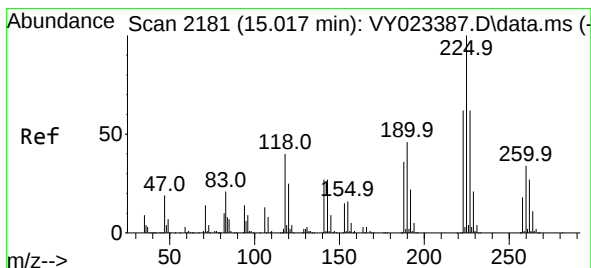
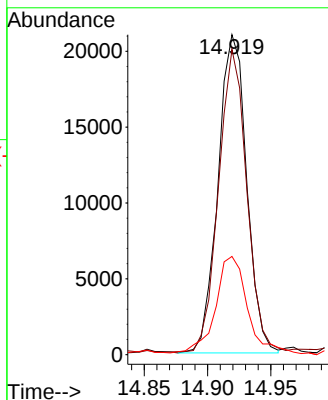
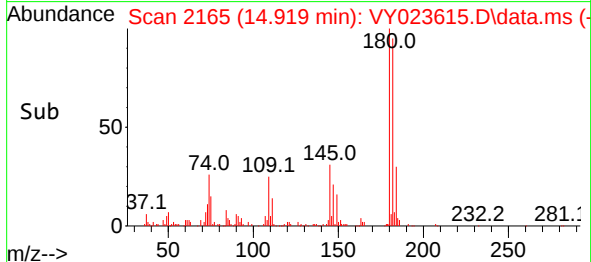
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



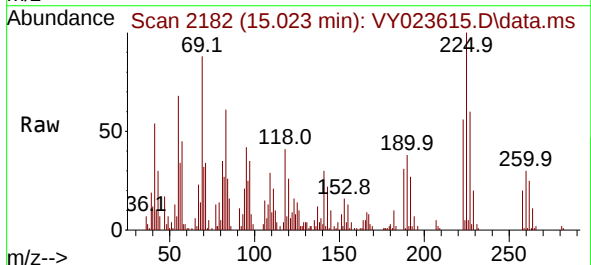
Tgt Ion:180 Resp: 33068
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.6
145 35.3 14.7 44.1

Manual Integrations APPROVED

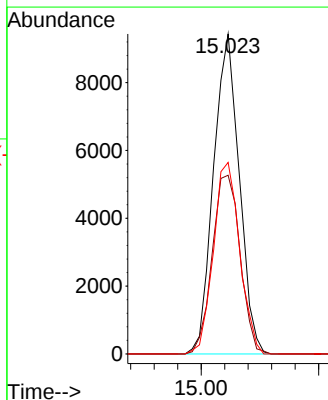
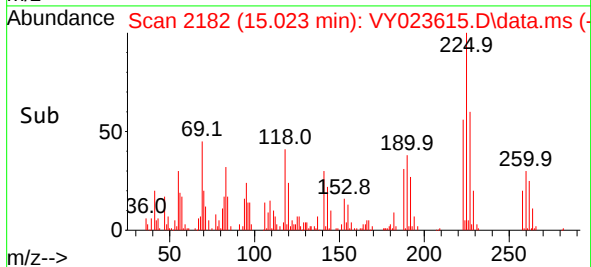
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#94
Hexachlorobutadiene
Concen: 15.264 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023615.D
Acq: 29 Oct 2025 11:15



Tgt Ion:225 Resp: 14331
Ion Ratio Lower Upper
225 100
223 60.6 30.8 92.3
227 61.2 31.9 95.7





#95

Naphthalene

Concen: 39.808 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023615.D

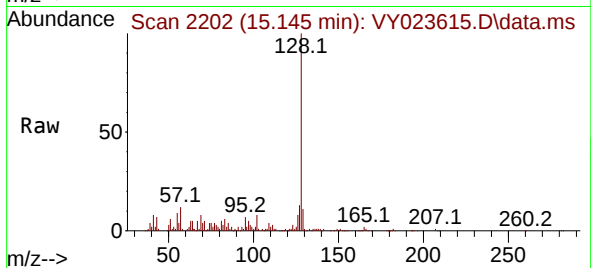
Acq: 29 Oct 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



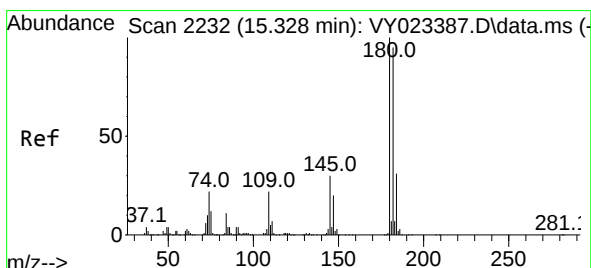
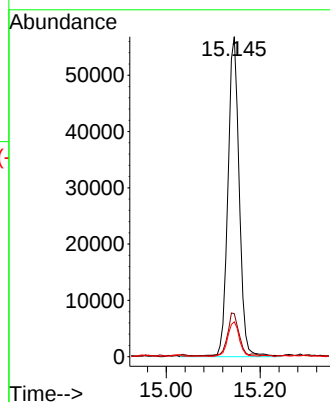
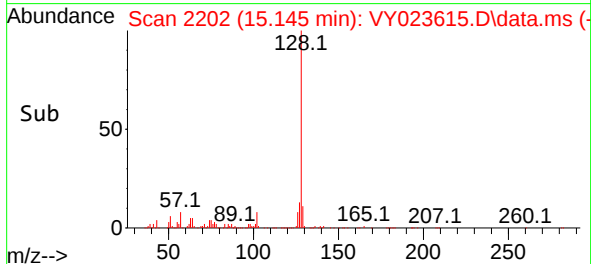
Tgt Ion:	128	Resp:	9547
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 22.388 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023615.D

Acq: 29 Oct 2025 11:15

Tgt Ion:	180	Resp:	29207
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.9	143.8
145	34.6	15.3	45.9

