

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112425\
 Data File : VY023786.D
 Acq On : 24 Nov 2025 13:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 02:08:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	519620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	774374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	764071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	352043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221828	50.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.100%			
35) Dibromofluoromethane	7.634	113	249862	51.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.260%			
50) Toluene-d8	10.103	98	969764	53.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.402	95	367798	63.090	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 126.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	148975	43.676	ug/l	98
3) Chloromethane	2.074	50	250471	52.475	ug/l	98
4) Vinyl Chloride	2.208	62	316759	51.000	ug/l	99
5) Bromomethane	2.598	94	214878	41.128	ug/l	99
6) Chloroethane	2.739	64	198893	46.332	ug/l	99
7) Trichlorofluoromethane	3.062	101	436256	49.872	ug/l	100
8) Diethyl Ether	3.458	74	110855	47.257	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	254172	52.738	ug/l	97
10) Methyl Iodide	4.007	142	280001	49.200	ug/l	98
11) Tert butyl alcohol	4.842	59	75455	264.009	ug/l	96
12) 1,1-Dichloroethene	3.793	96	237155	51.082	ug/l	91
13) Acrolein	3.647	56	25384	69.100	ug/l	99
14) Allyl chloride	4.385	41	342631	60.633	ug/l	94
15) Acrylonitrile	5.049	53	223288	249.079	ug/l	100
16) Acetone	3.860	43	263719	239.360	ug/l	98
17) Carbon Disulfide	4.110	76	744752	52.266	ug/l	100
18) Methyl Acetate	4.385	43	122752	50.512	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	512288	47.587	ug/l	98
20) Methylene Chloride	4.616	84	284836	53.553	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	280006	53.491	ug/l	95
22) Diisopropyl ether	6.019	45	759038	60.281	ug/l	97
23) Vinyl Acetate	5.958	43	1829800	272.314	ug/l	96
24) 1,1-Dichloroethane	5.915	63	481278	57.374	ug/l	99
25) 2-Butanone	6.890	43	299899	235.429	ug/l	94
26) 2,2-Dichloropropane	6.884	77	425525	55.147	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	313581	52.452	ug/l	93
28) Bromochloromethane	7.244	49	182345	56.772	ug/l	84
29) Tetrahydrofuran	7.262	42	164870	243.025	ug/l	91
30) Chloroform	7.421	83	503195	53.764	ug/l	99
31) Cyclohexane	7.701	56	415854	56.926	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	445844	53.299	ug/l	99
36) 1,1-Dichloropropene	7.835	75	360313	55.719	ug/l	98
37) Ethyl Acetate	6.982	43	119005	47.538	ug/l	99
38) Carbon Tetrachloride	7.817	117	396861	52.088	ug/l	99
39) Methylcyclohexane	9.109	83	455439	55.120	ug/l	95
40) Benzene	8.079	78	1137236	55.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	63934	46.788	ug/l	96
42) 1,2-Dichloroethane	8.158	62	259363	50.295	ug/l	99
43) Isopropyl Acetate	8.195	43	225072	47.851	ug/l	96
44) Trichloroethene	8.866	130	287561	49.118	ug/l	96
45) 1,2-Dichloropropane	9.140	63	256728	57.069	ug/l	100
46) Dibromomethane	9.231	93	135992	48.789	ug/l	94
47) Bromodichloromethane	9.420	83	377086	53.658	ug/l	97
48) Methyl methacrylate	9.219	41	111387	50.124	ug/l	95
49) 1,4-Dioxane	9.219	88	26395	925.316	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	598838	239.403	ug/l	97
52) Toluene	10.170	92	713577	54.834	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	304870	51.271	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	380939	53.471	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	193510	51.949	ug/l	96
56) Ethyl methacrylate	10.438	69	206437	50.299	ug/l	97
57) 1,3-Dichloropropane	10.713	76	322801	54.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	500913	265.976	ug/l	94
59) 2-Hexanone	10.756	43	439458	240.807	ug/l	99
60) Dibromochloromethane	10.908	129	267188	52.204	ug/l	100
61) 1,2-Dibromoethane	11.012	107	177688	50.829	ug/l	100
64) Tetrachloroethene	10.646	164	359596	45.216	ug/l	99
65) Chlorobenzene	11.438	112	847782	50.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	294521	50.073	ug/l	99
67) Ethyl Benzene	11.518	91	1488052	55.274	ug/l	97
68) m/p-Xylenes	11.627	106	1155220	107.402	ug/l	96
69) o-Xylene	11.950	106	520566	52.356	ug/l	96
70) Styrene	11.969	104	855518	52.150	ug/l	99
71) Bromoform	12.127	173	147839	43.036	ug/l	99
73) Isopropylbenzene	12.249	105	1389909	59.031	ug/l	99
74) N-amyl acetate	12.066	43	195402	49.018	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	190337	50.615	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	155883m	54.713	ug/l	
77) Bromobenzene	12.530	156	328725	53.823	ug/l	94
78) n-propylbenzene	12.591	91	1656517	59.812	ug/l	99
79) 2-Chlorotoluene	12.676	91	942557	58.649	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	1130675	59.104	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	60854	48.270	ug/l	95
82) 4-Chlorotoluene	12.773	91	954179	57.570	ug/l	98
83) tert-Butylbenzene	12.993	119	990999	56.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1102630	58.193	ug/l	99
85) sec-Butylbenzene	13.170	105	1476995	58.773	ug/l	99
86) p-Isopropyltoluene	13.286	119	1234779	58.041	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	628563	52.289	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	591170	50.065	ug/l	99
89) n-Butylbenzene	13.615	91	1078394	58.293	ug/l	99
90) Hexachloroethane	13.877	117	250084	54.701	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	524668	50.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	25131	43.404	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	291785	49.243	ug/l	100
94) Hexachlorobutadiene	15.017	225	217175	55.938	ug/l	100
95) Naphthalene	15.139	128	415969	41.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	246697	49.831	ug/l	99

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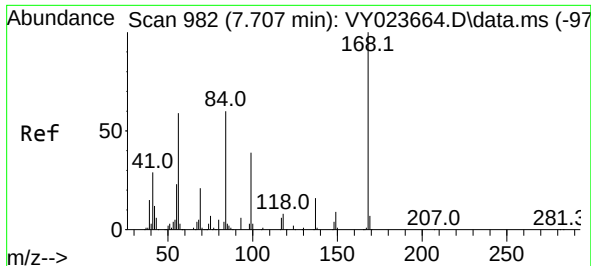
Manual Integrations
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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

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



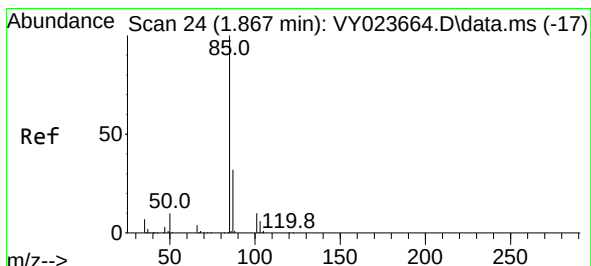
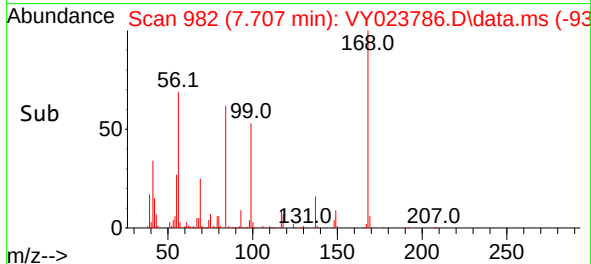
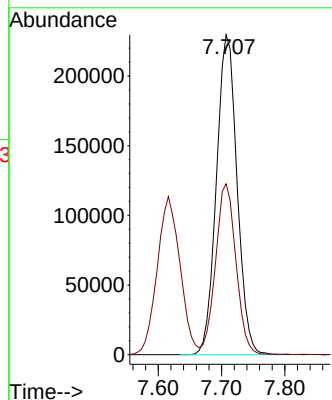
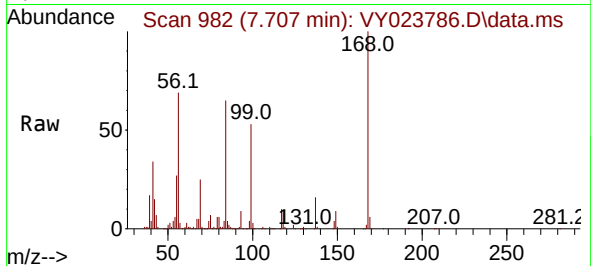
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023786.D
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Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 519620
Ion Ratio Lower Upper
168 100
99 53.4 41.0 61.4

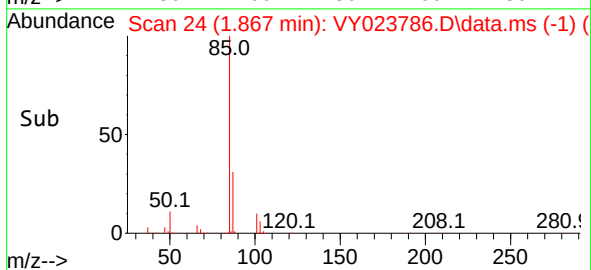
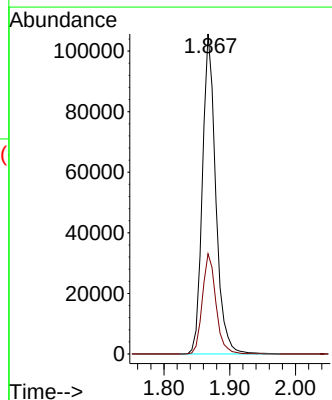
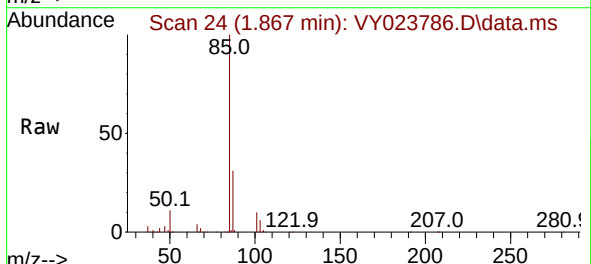
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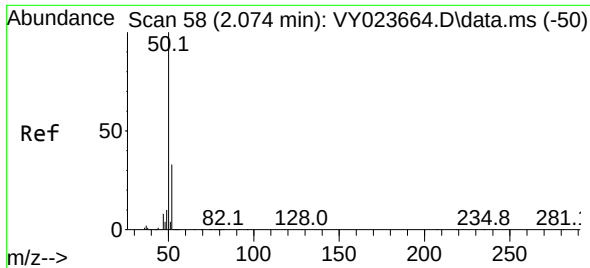
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#2
Dichlorodifluoromethane
Concen: 43.676 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

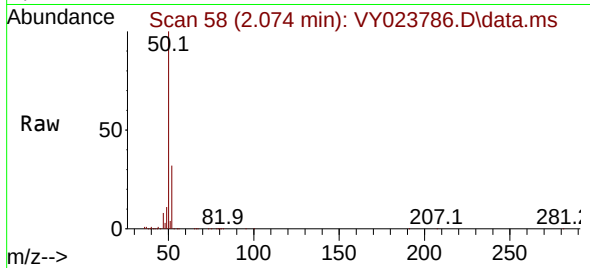
Tgt Ion: 85 Resp: 148975
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6





#3
Chloromethane
Concen: 52.475 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

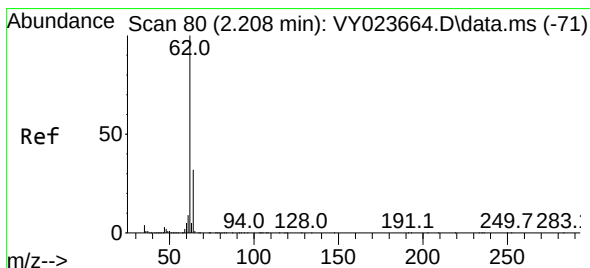
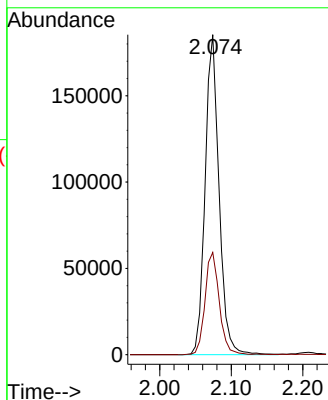
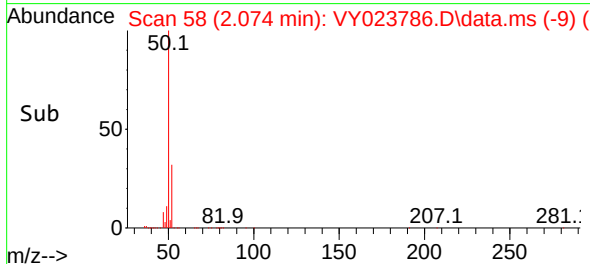
Instrument :
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VSTDCCC050



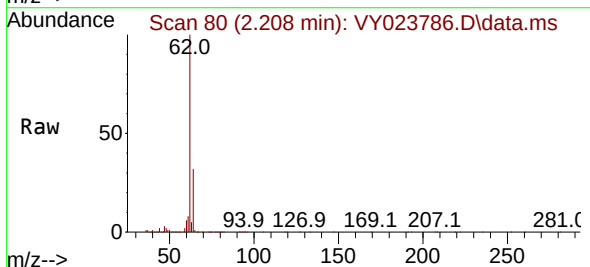
Tgt Ion: 50 Resp: 25047
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

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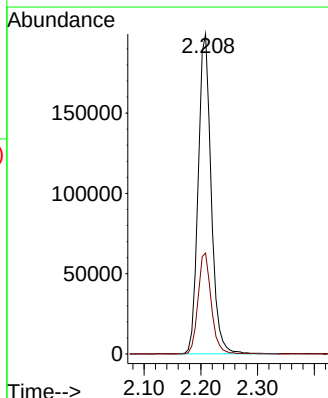
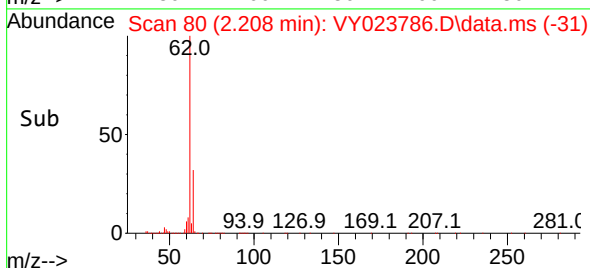
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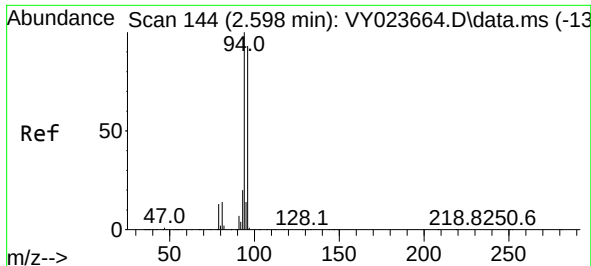


#4
Vinyl Chloride
Concen: 51.000 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



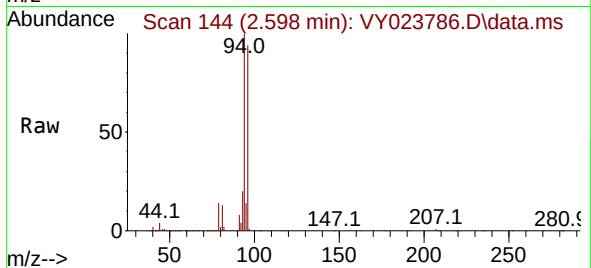
Tgt Ion: 62 Resp: 316759
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 41.128 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

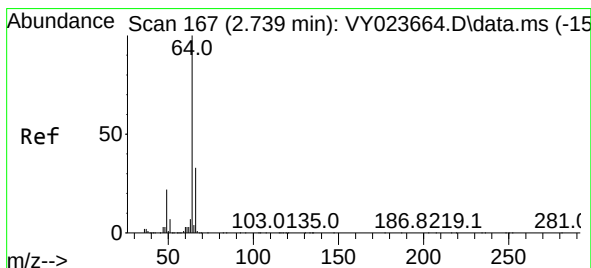
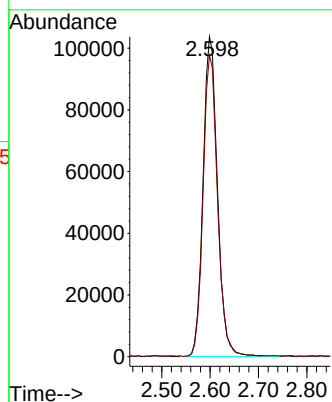
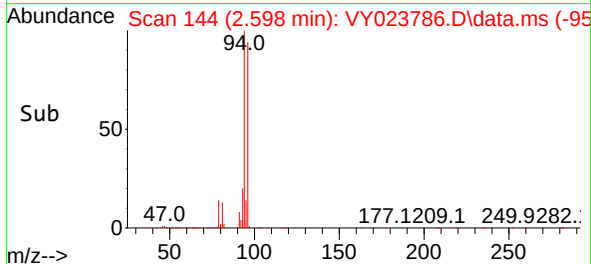
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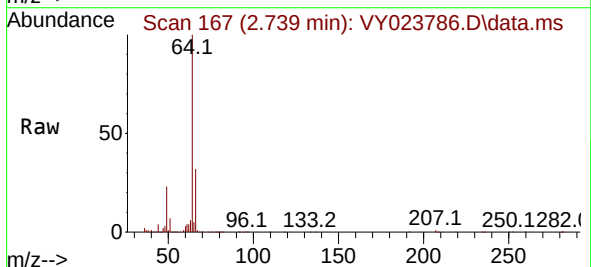
Tgt Ion: 94 Resp: 214878
Ion Ratio Lower Upper
94 100
96 93.9 74.4 111.6

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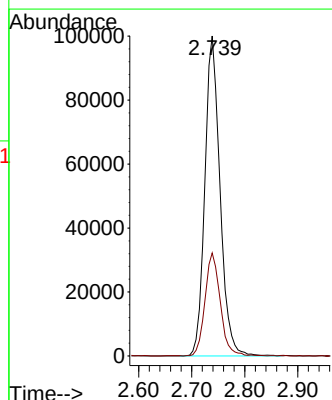
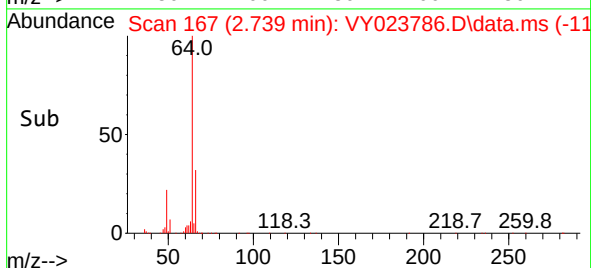
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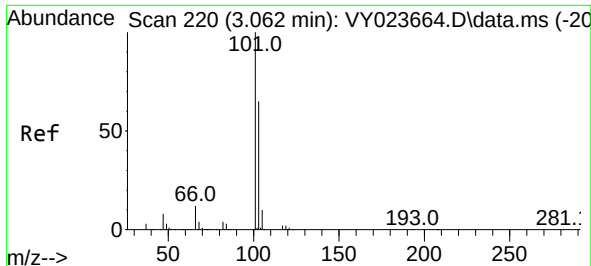


#6
Chloroethane
Concen: 46.332 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023786.D
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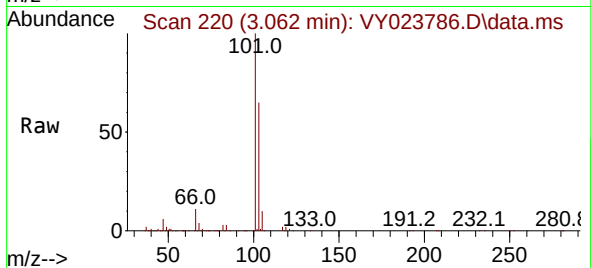
Tgt Ion: 64 Resp: 198893
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 49.872 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023786.D
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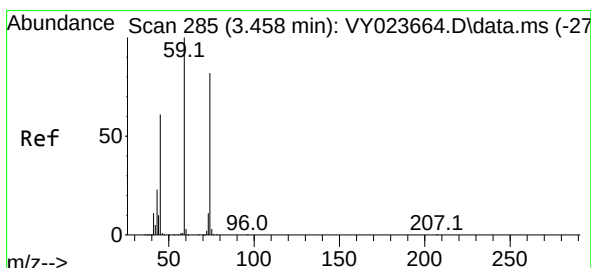
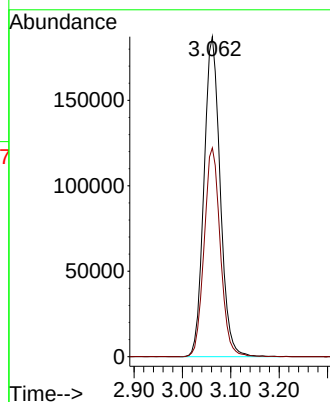
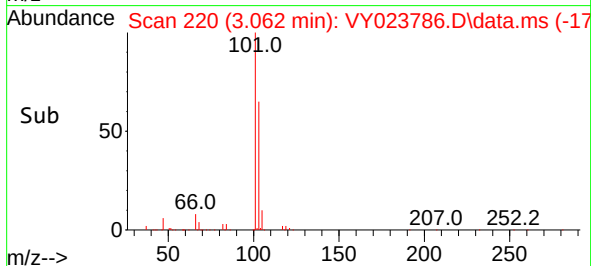
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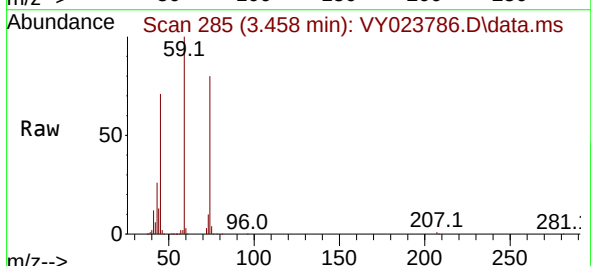
Tgt Ion:101 Resp: 436250
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.1 78.1

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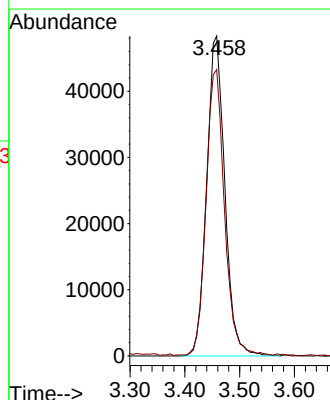
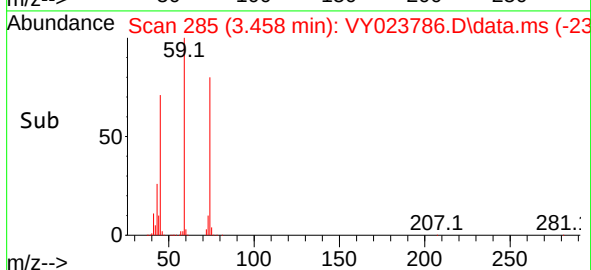
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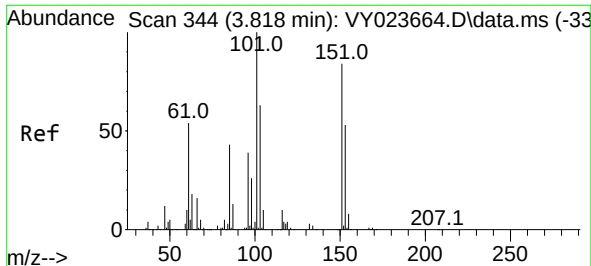


#8
 Diethyl Ether
 Concen: 47.257 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 110855
 Ion Ratio Lower Upper
 74 100
 45 90.3 40.6 121.7





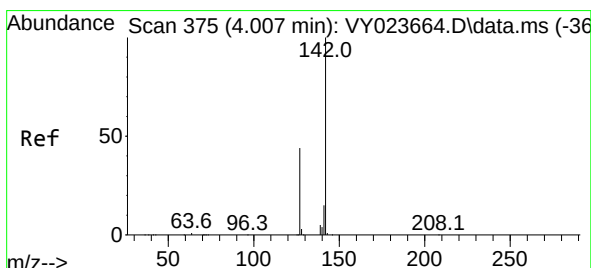
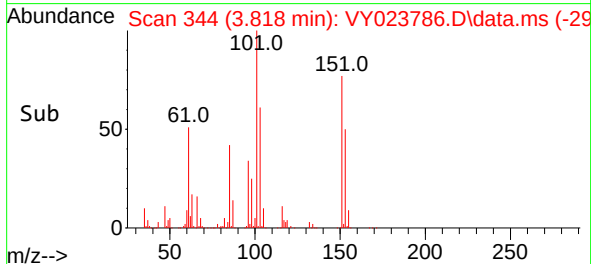
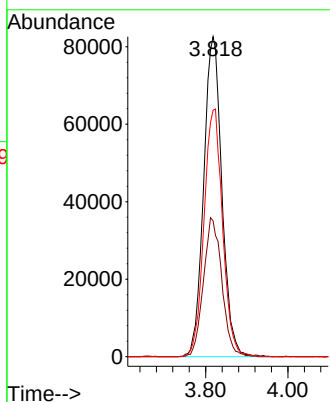
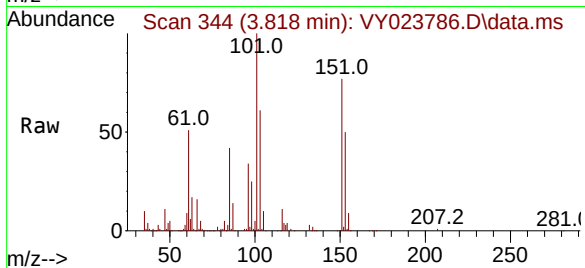
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1,1,2-Trichlorotrifluoroethane
Concen: 52.738 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

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MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 254172
Ion Ratio Lower Upper
101 100
85 43.8 34.4 51.6
151 78.8 65.6 98.4

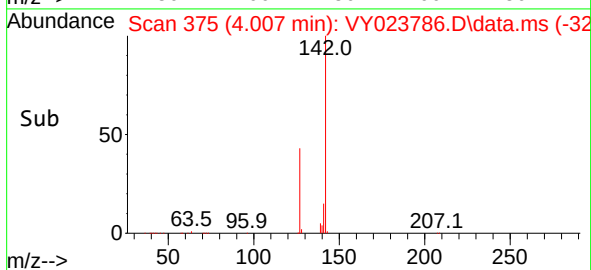
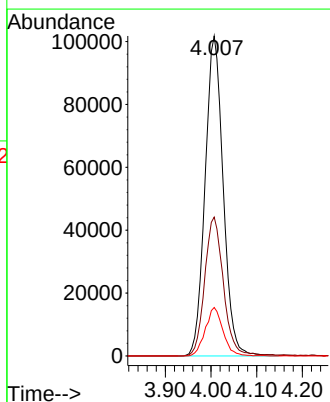
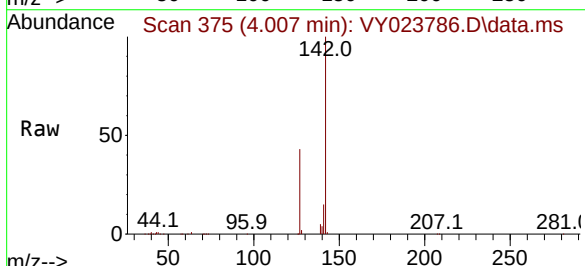
Manual Integrations
APPROVED

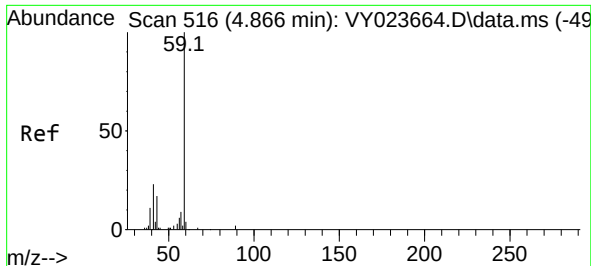
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#10
Methyl Iodide
Concen: 49.200 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

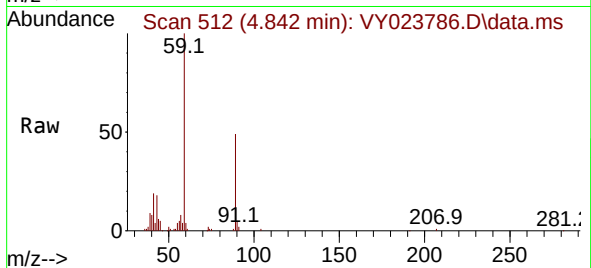
Tgt Ion:142 Resp: 280001
Ion Ratio Lower Upper
142 100
127 45.1 34.6 51.8
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 264.009 ug/l
RT: 4.842 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

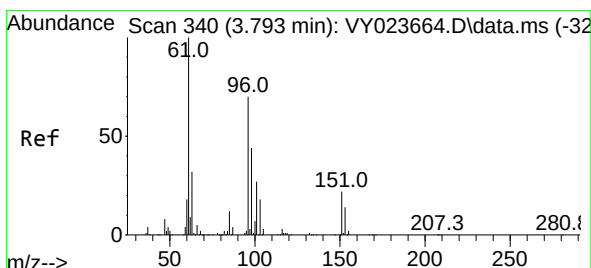
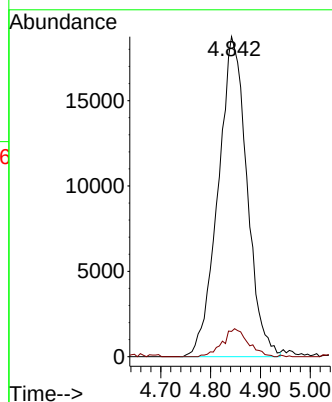
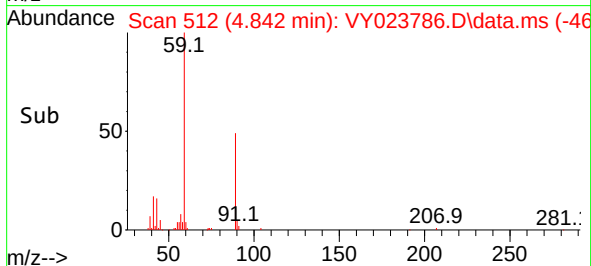
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



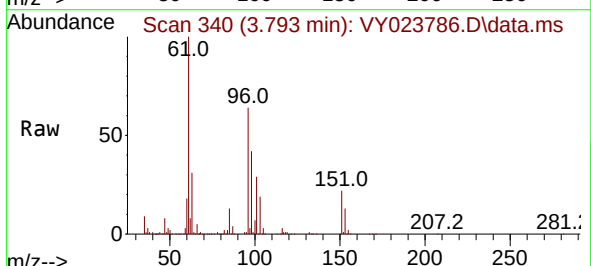
Tgt Ion: 59 Resp: 7545
Ion Ratio Lower Upper
59 100
57 7.8 7.4 11.2

Manual Integrations
APPROVED

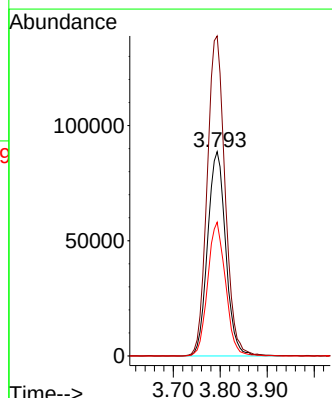
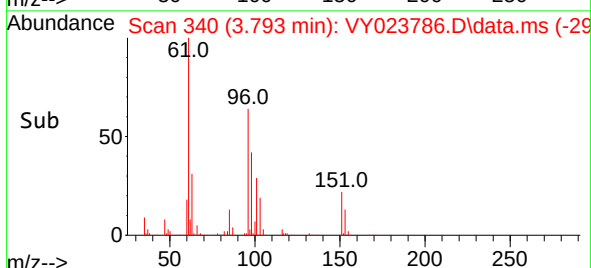
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

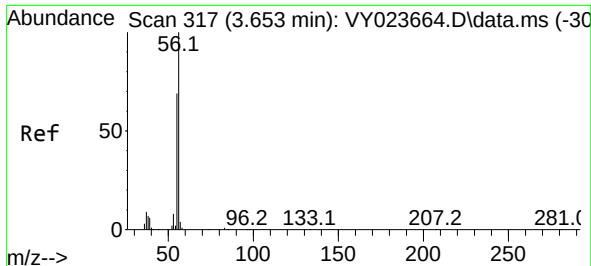


#12
1,1-Dichloroethene
Concen: 51.082 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



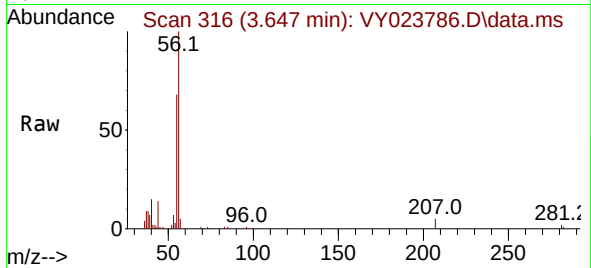
Tgt Ion: 96 Resp: 237155
Ion Ratio Lower Upper
96 100
61 156.7 114.0 171.0
98 65.5 50.2 75.2





#13
Acrolein
Concen: 69.100 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

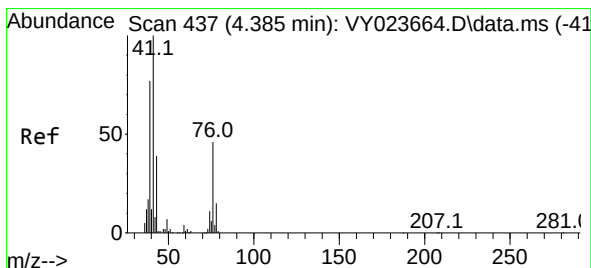
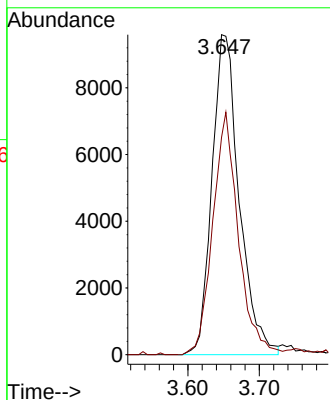
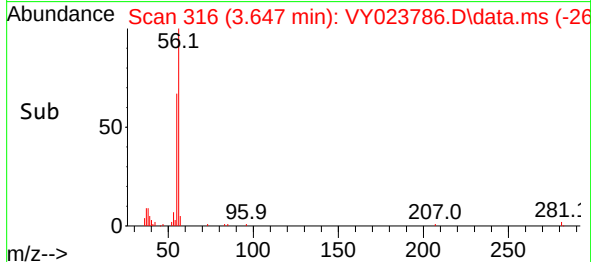
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 25384
Ion Ratio Lower Upper
56 100
55 71.2 56.6 84.8

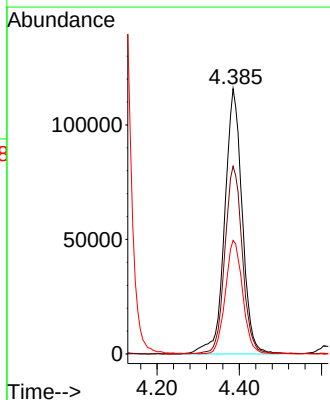
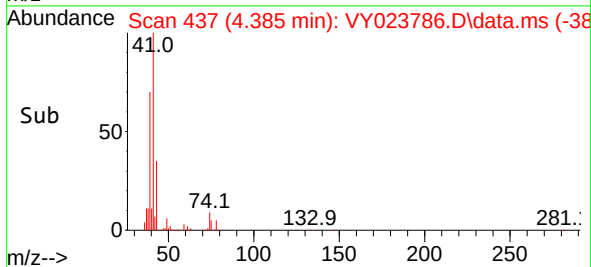
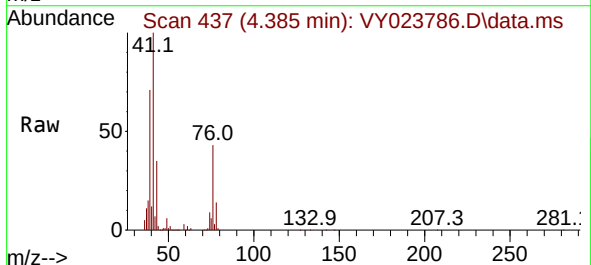
Manual Integrations
APPROVED

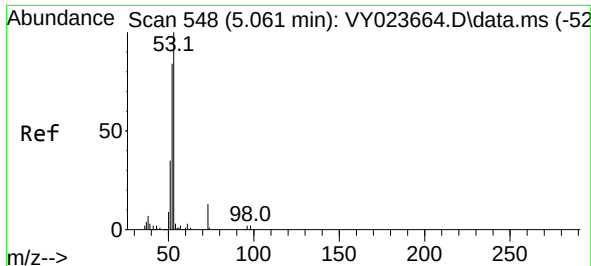
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#14
Allyl chloride
Concen: 60.633 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

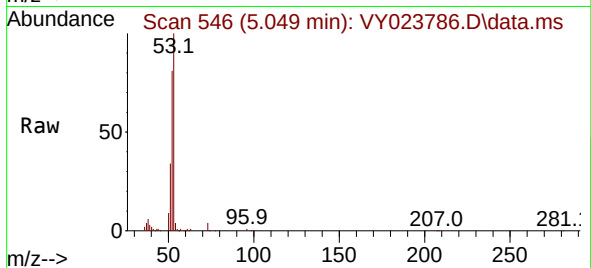
Tgt Ion: 41 Resp: 342631
Ion Ratio Lower Upper
41 100
39 70.6 60.4 90.6
76 42.4 38.0 57.0





#15
Acrylonitrile
Concen: 249.079 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

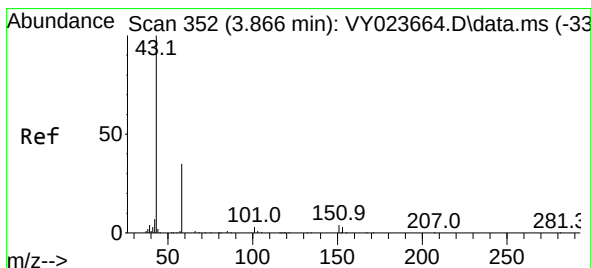
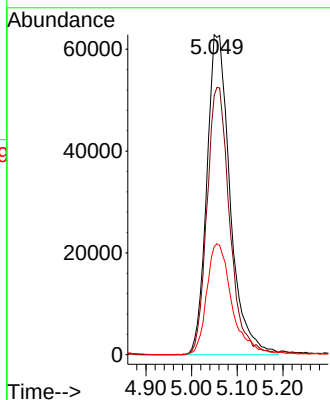
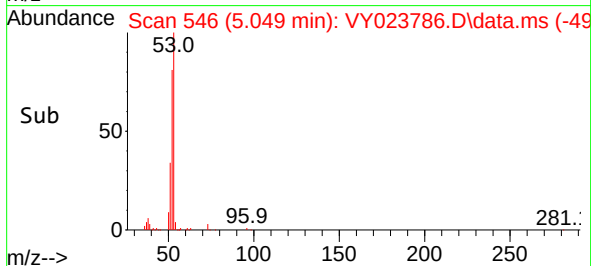
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



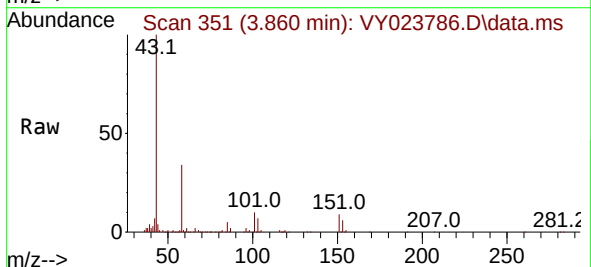
Tgt Ion: 53 Resp: 223288
Ion Ratio Lower Upper
53 100
52 81.4 64.9 97.3
51 37.2 29.4 44.0

Manual Integrations
APPROVED

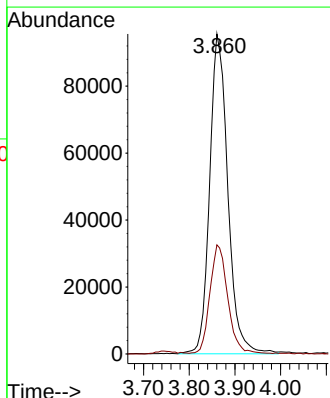
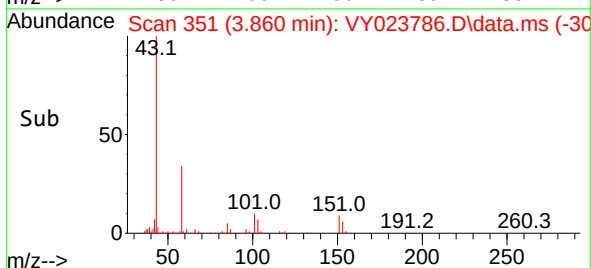
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

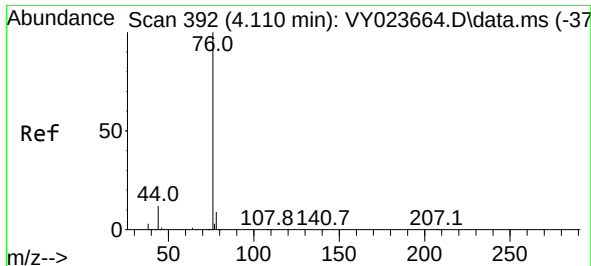


#16
Acetone
Concen: 239.360 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



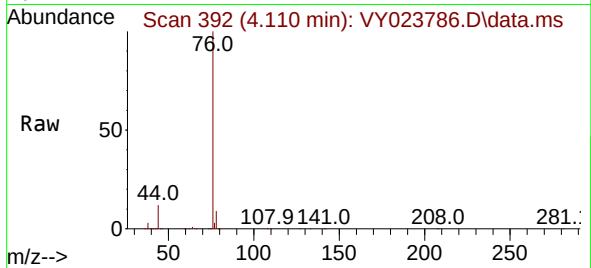
Tgt Ion: 43 Resp: 263719
Ion Ratio Lower Upper
43 100
58 33.9 28.2 42.4





#17
Carbon Disulfide
Concen: 52.266 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

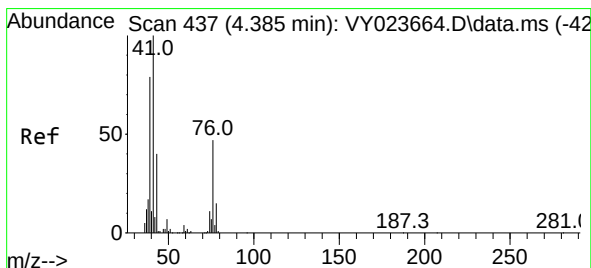
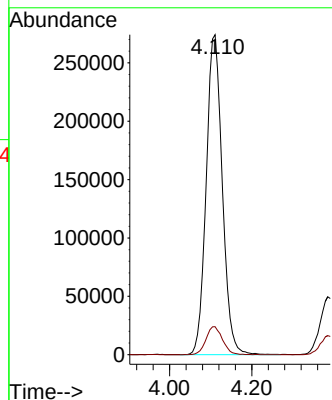
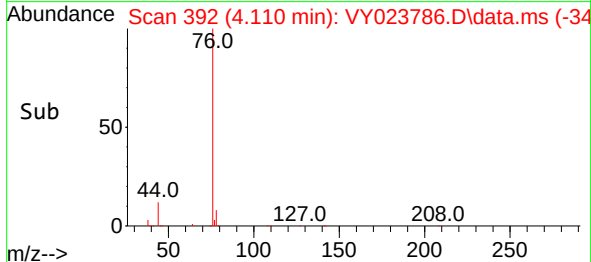
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



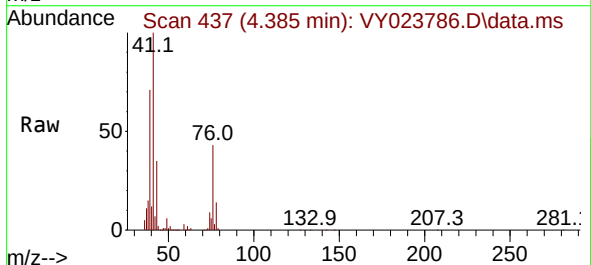
Tgt Ion: 76 Resp: 744752
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

Manual Integrations
APPROVED

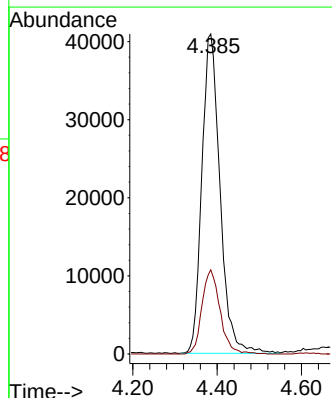
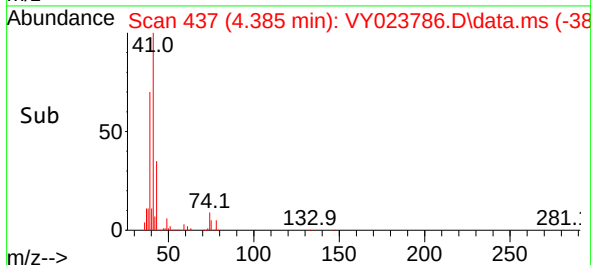
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

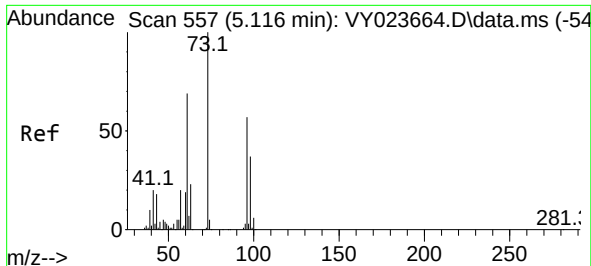


#18
Methyl Acetate
Concen: 50.512 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



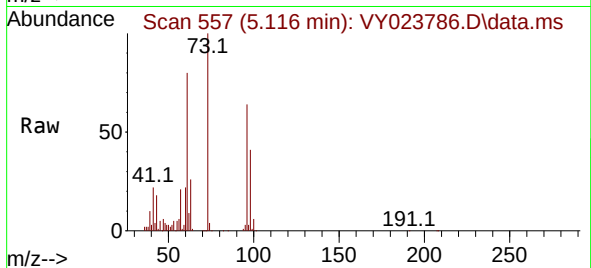
Tgt Ion: 43 Resp: 122752
Ion Ratio Lower Upper
43 100
74 26.3 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 47.587 ug/l
RT: 5.116 min Scan# 51228
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

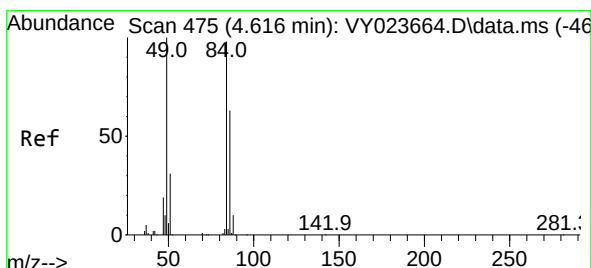
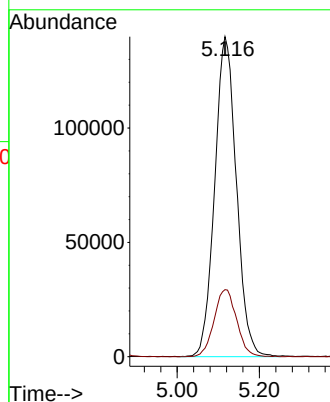
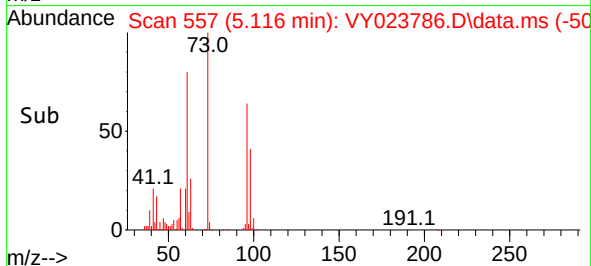
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



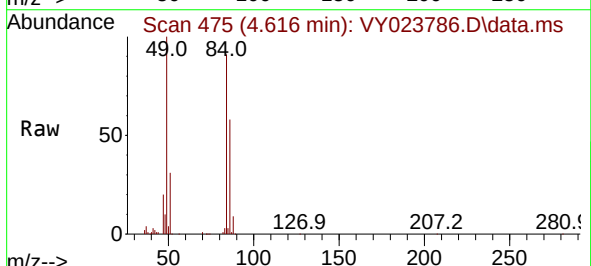
Tgt Ion: 73 Resp: 51228
Ion Ratio Lower Upper
73 100
57 20.9 16.1 24.1

Manual Integrations
APPROVED

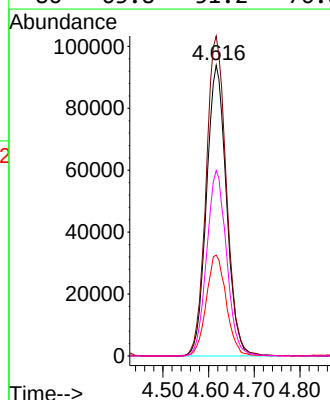
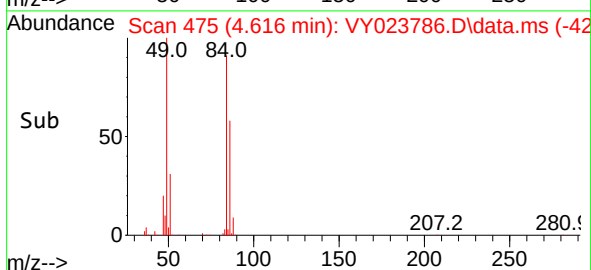
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

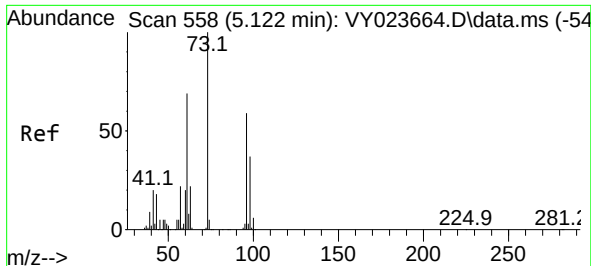


#20
Methylene Chloride
Concen: 53.553 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



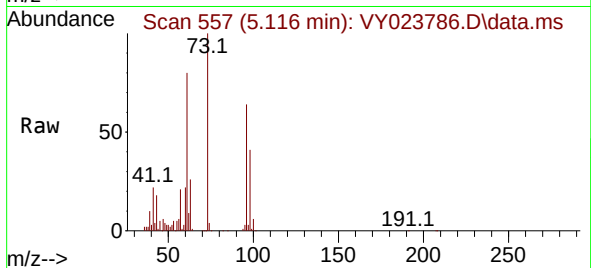
Tgt Ion: 84 Resp: 284836
Ion Ratio Lower Upper
84 100
49 110.1 81.5 122.3
51 34.7 25.5 38.3
86 63.8 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 53.491 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

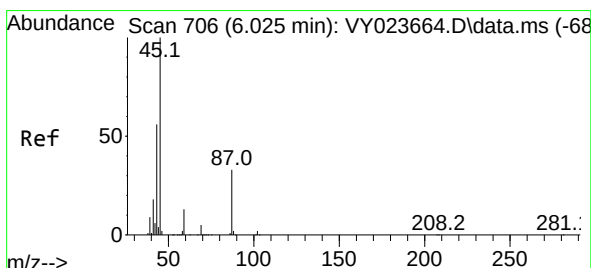
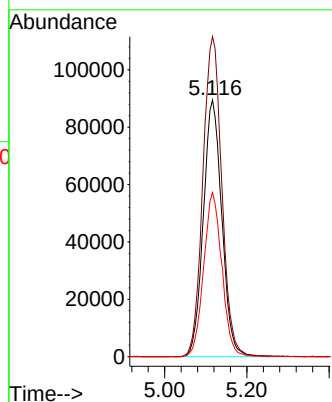
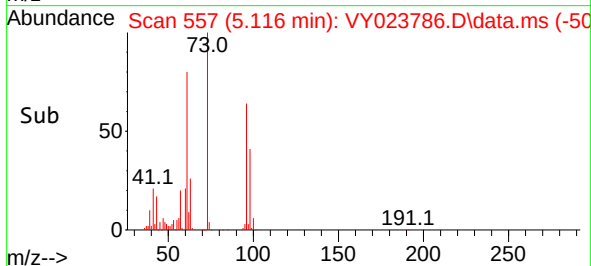
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



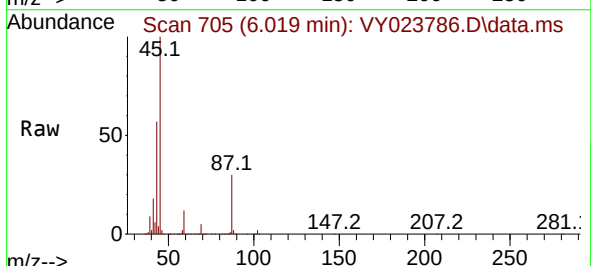
Tgt Ion: 96 Resp: 280000
Ion Ratio Lower Upper
96 100
61 124.6 93.3 139.9
98 64.0 50.6 75.8

Manual Integrations
APPROVED

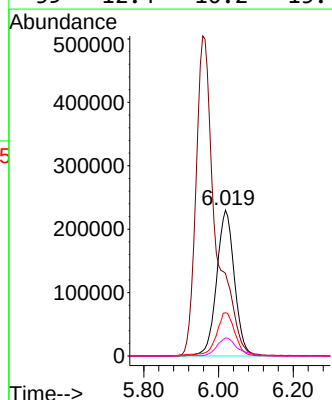
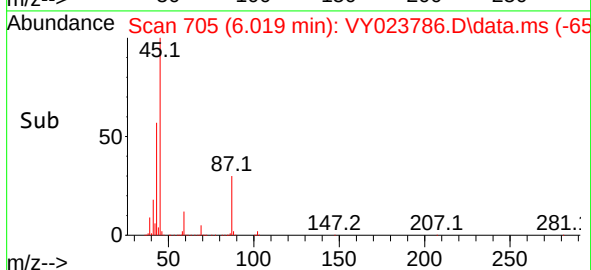
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

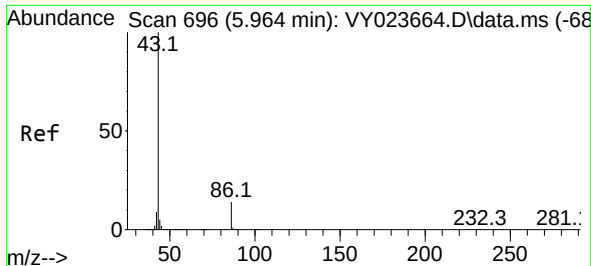


#22
Diisopropyl ether
Concen: 60.281 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



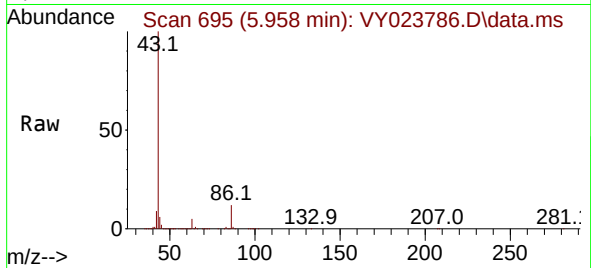
Tgt Ion: 45 Resp: 759038
Ion Ratio Lower Upper
45 100
43 56.3 44.7 67.1
87 29.6 27.2 40.8
59 12.4 10.2 15.4





#23
 Vinyl Acetate
 Concen: 272.314 ug/l
 RT: 5.958 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25

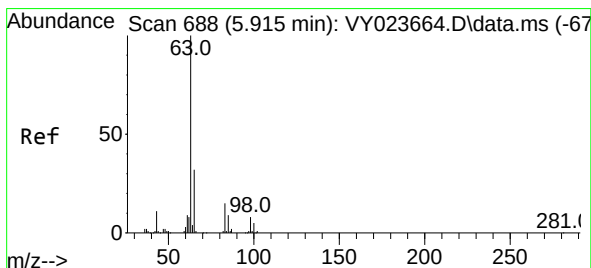
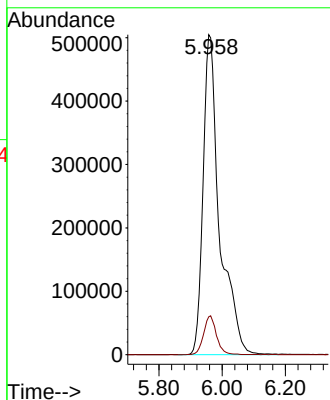
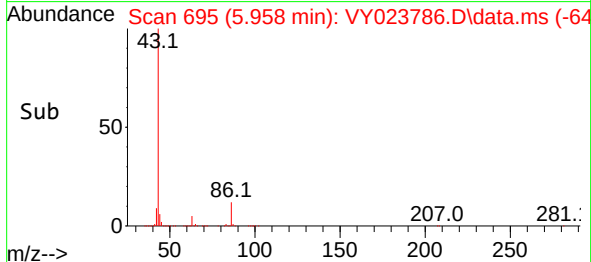
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



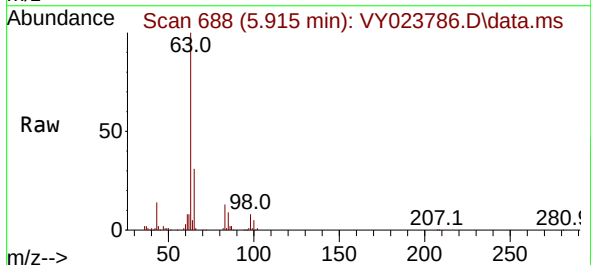
Tgt Ion: 43 Resp: 1829800
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.9 16.3

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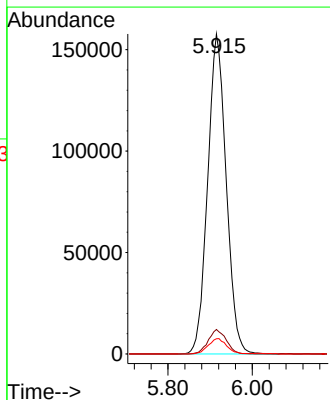
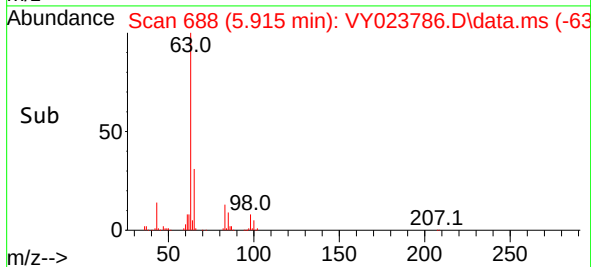
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

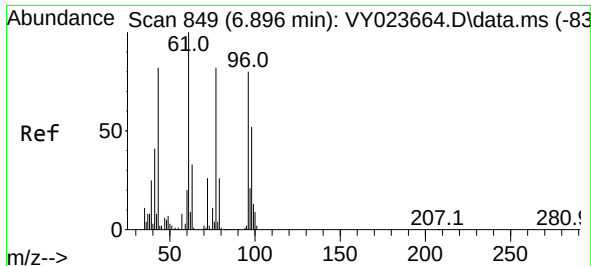


#24
 1,1-Dichloroethane
 Concen: 57.374 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25



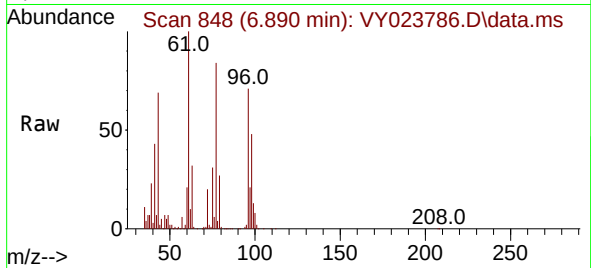
Tgt Ion: 63 Resp: 481278
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 4.7 2.6 7.8





#25
2-Butanone
Concen: 235.429 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

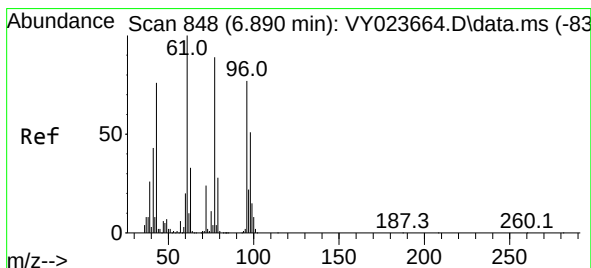
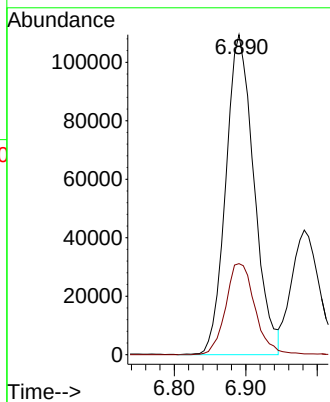
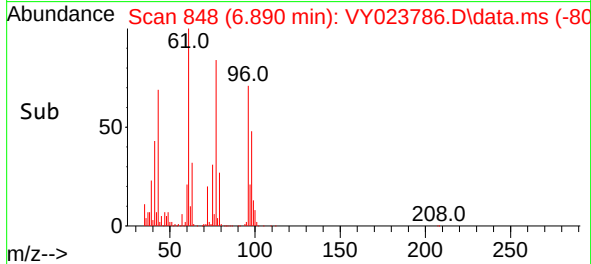
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



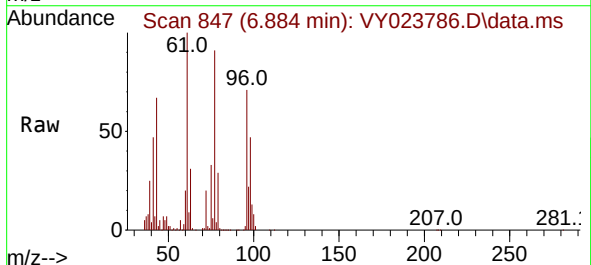
Tgt Ion: 43 Resp: 299899
Ion Ratio Lower Upper
43 100
72 28.5 25.7 38.5

Manual Integrations
APPROVED

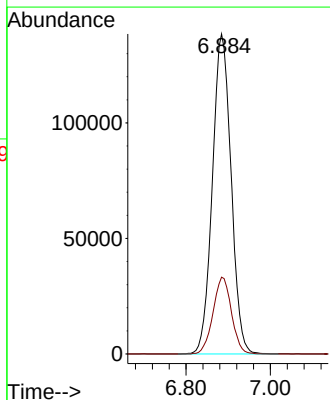
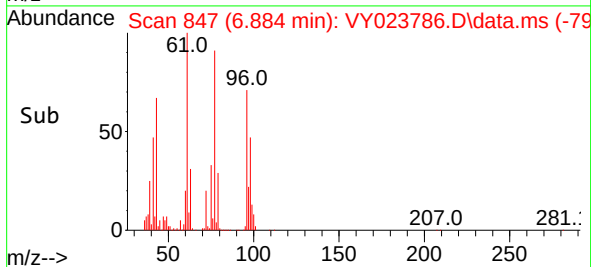
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

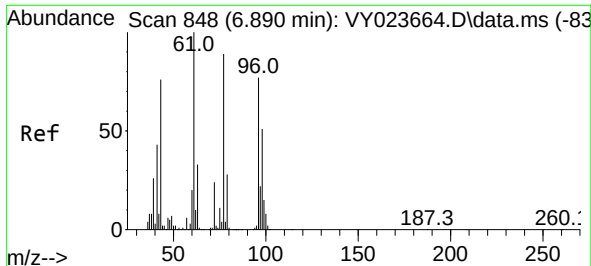


#26
2,2-Dichloropropane
Concen: 55.147 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



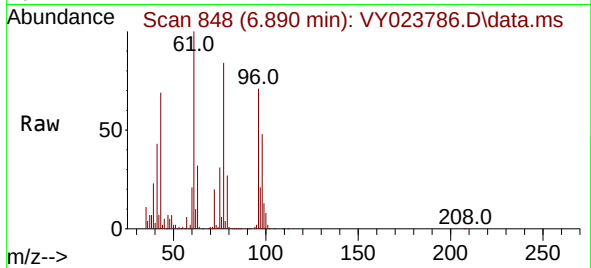
Tgt Ion: 77 Resp: 425525
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.452 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25

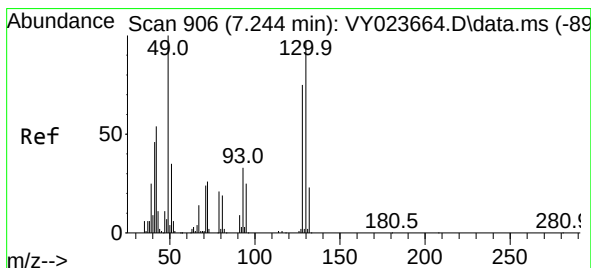
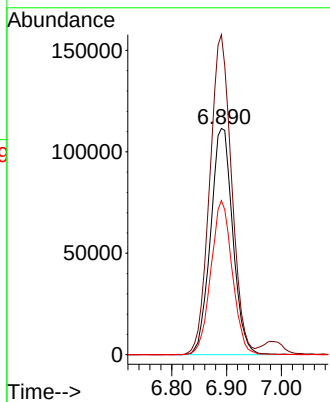
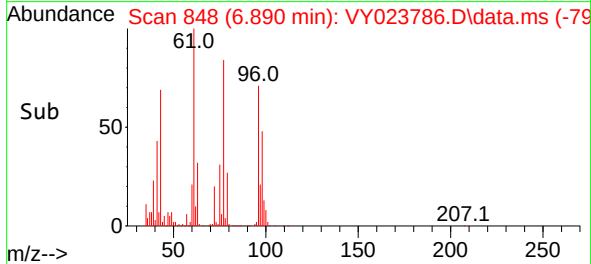
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



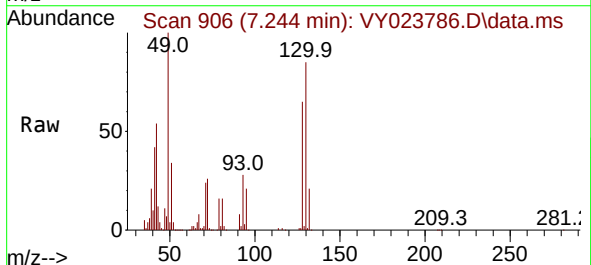
Tgt Ion: 96 Resp: 31358
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 255.0
 98 65.8 0.0 129.8

Manual Integrations
 APPROVED

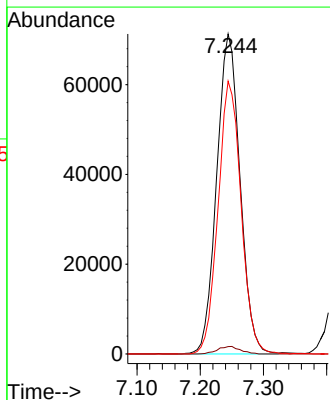
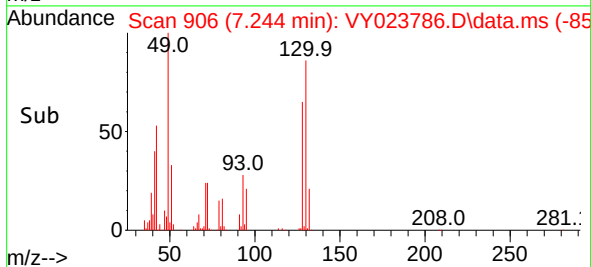
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

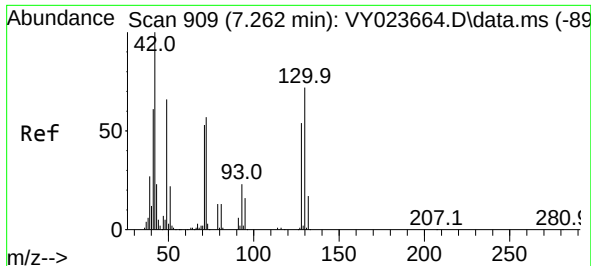


#28
 Bromochloromethane
 Concen: 56.772 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25



Tgt Ion: 49 Resp: 182345
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 84.0 80.1 120.1





#29

Tetrahydrofuran

Concen: 243.025 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 164870

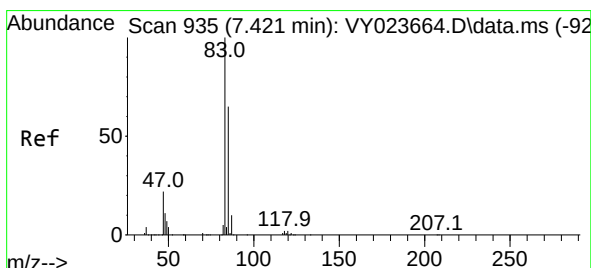
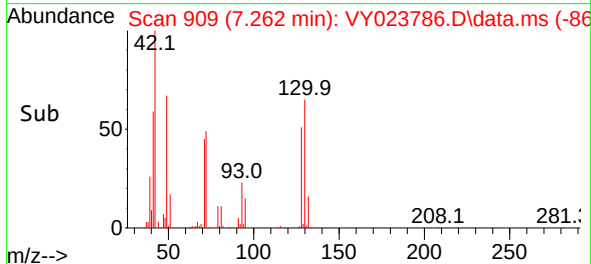
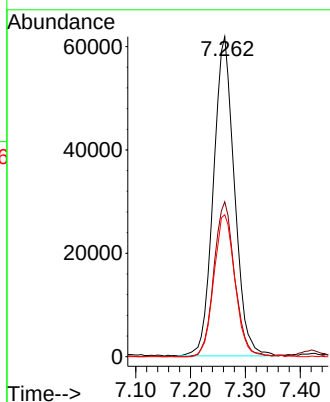
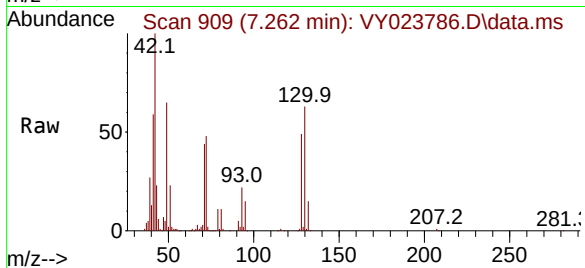
Ion	Ratio	Lower	Upper
42	100		
72	48.1	43.4	65.2
71	44.8	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#30

Chloroform

Concen: 53.764 ug/l

RT: 7.421 min Scan# 935

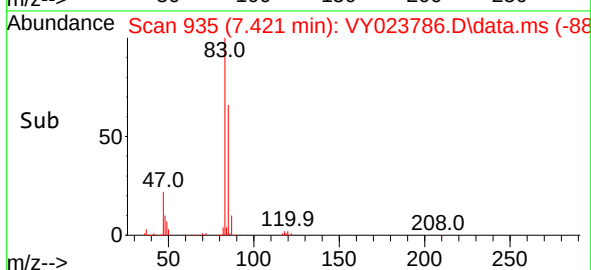
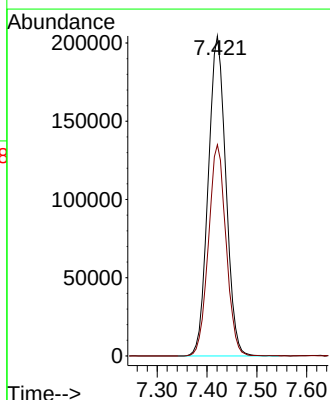
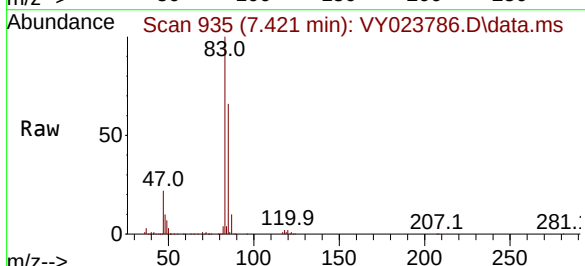
Delta R.T. 0.000 min

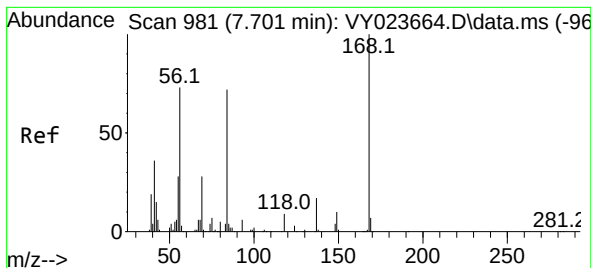
Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Tgt Ion: 83 Resp: 503195

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.1	78.1





#31

Cyclohexane

Concen: 56.926 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 415854

Ion Ratio Lower Upper

56 100

69 36.3 30.5 45.7

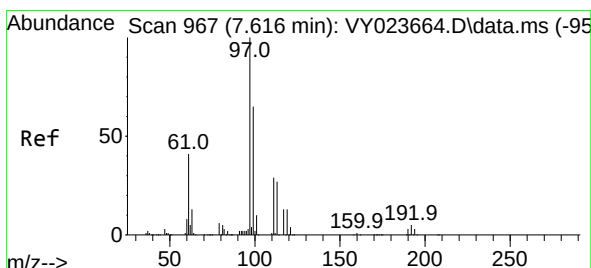
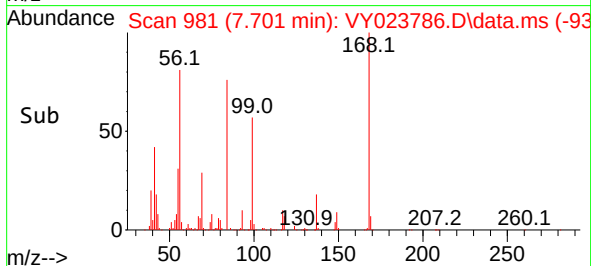
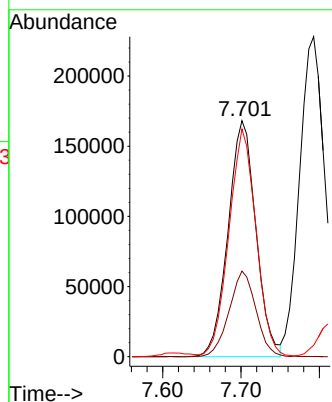
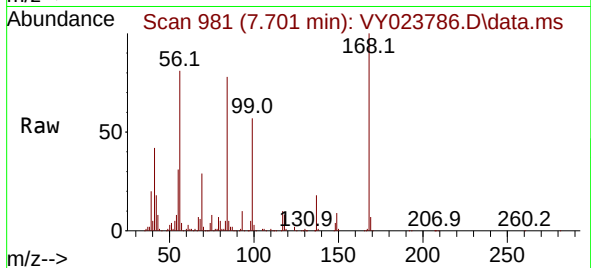
84 94.9 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#32

1,1,1-Trichloroethane

Concen: 53.299 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

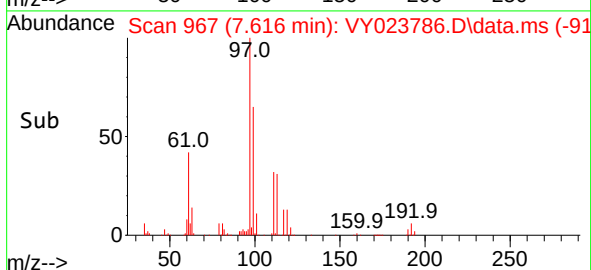
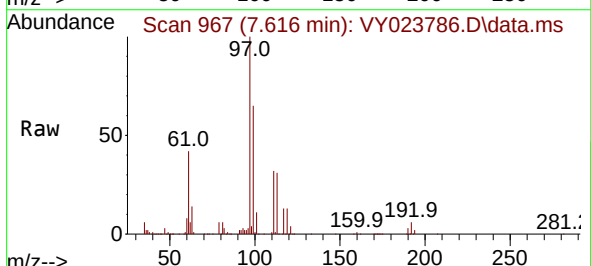
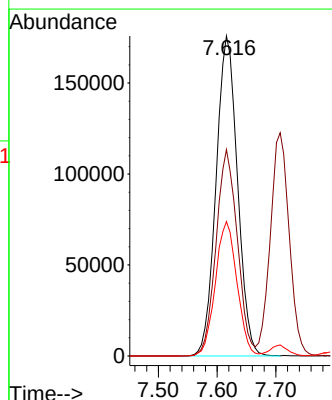
Tgt Ion: 97 Resp: 445844

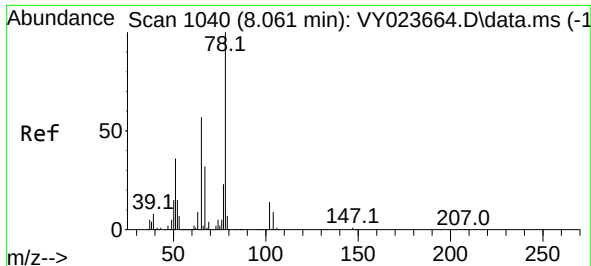
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 42.3 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.047 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 221828

Ion Ratio Lower Upper

65 100

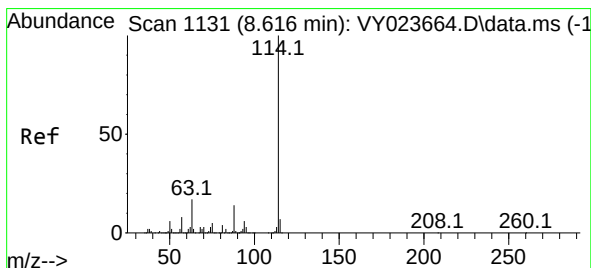
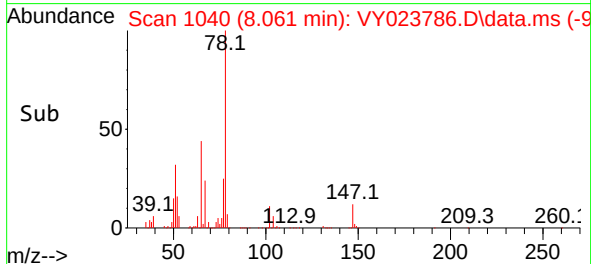
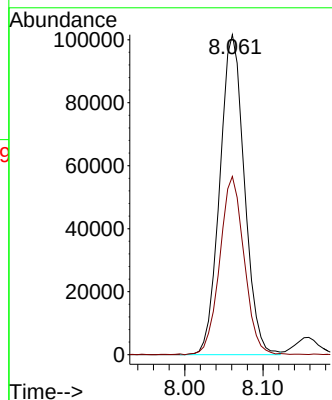
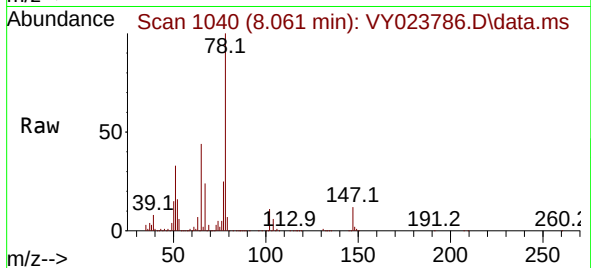
67 55.2 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

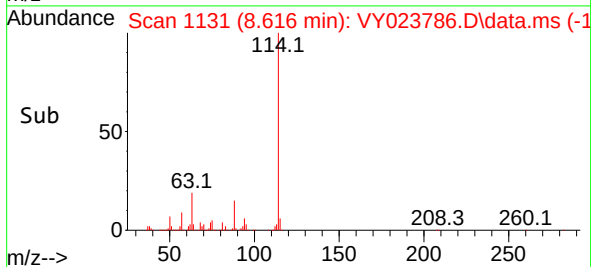
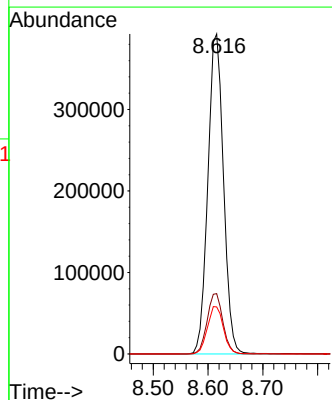
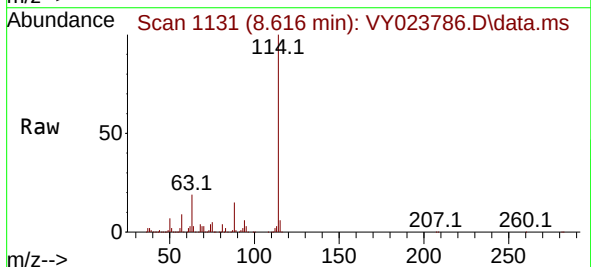
Tgt Ion:114 Resp: 774374

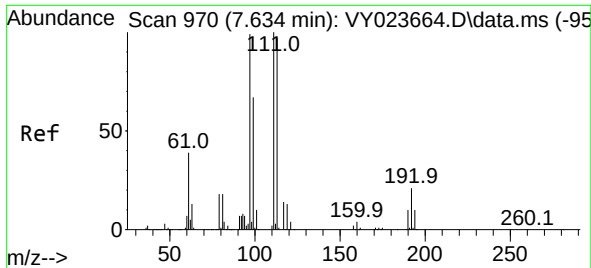
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.8

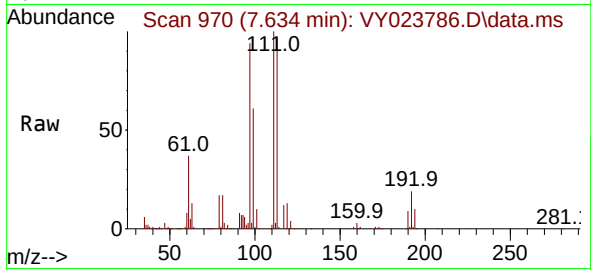
88 14.7 0.0 29.0





#35
Dibromofluoromethane
Concen: 51.632 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

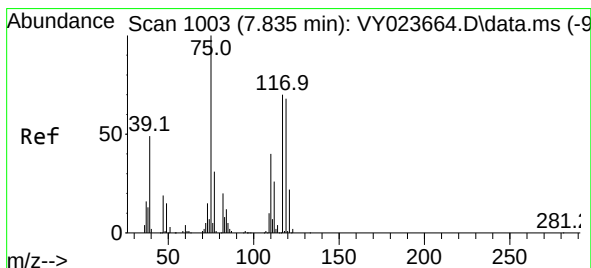
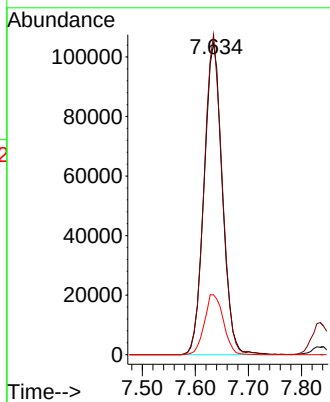
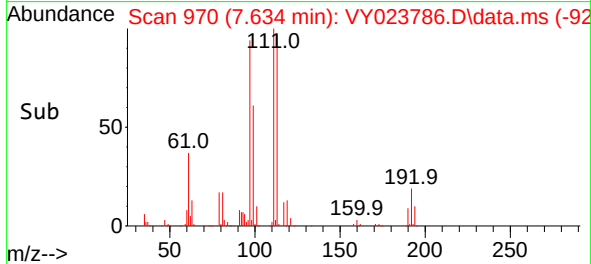
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



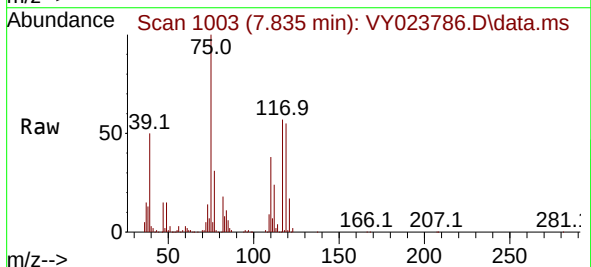
Tgt Ion:113 Resp: 249862
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 20.0 17.3 25.9

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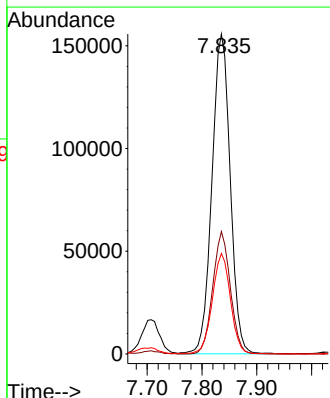
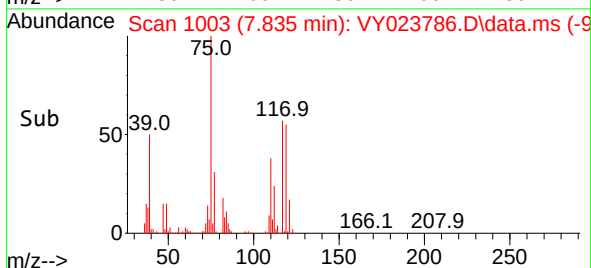
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

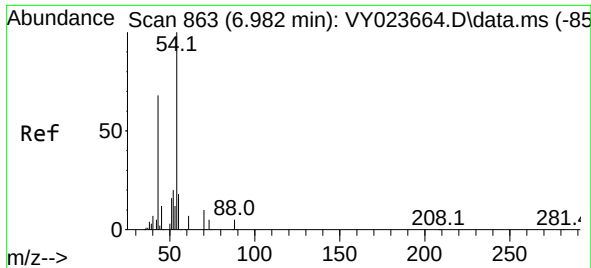


#36
1,1-Dichloropropene
Concen: 55.719 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



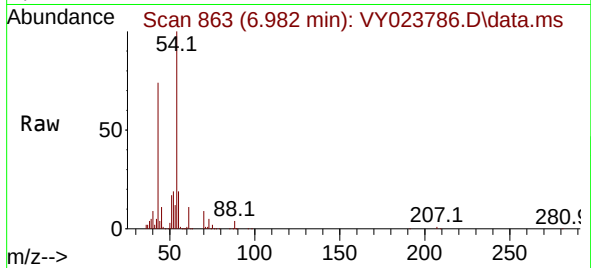
Tgt Ion: 75 Resp: 360313
Ion Ratio Lower Upper
75 100
110 36.8 19.7 59.0
77 31.3 25.2 37.8





#37
Ethyl Acetate
Concen: 47.538 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

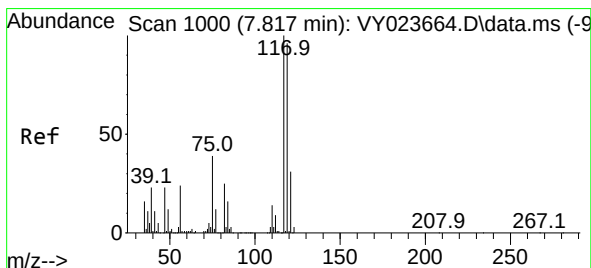
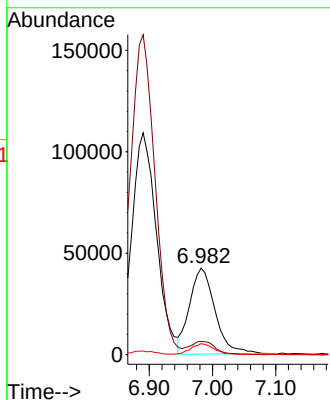
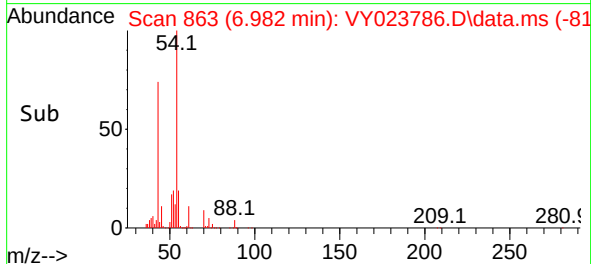
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 119000
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 11.9 9.8 14.8

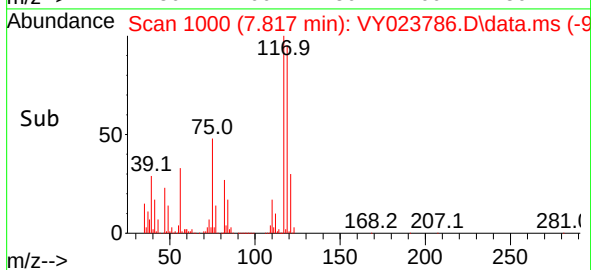
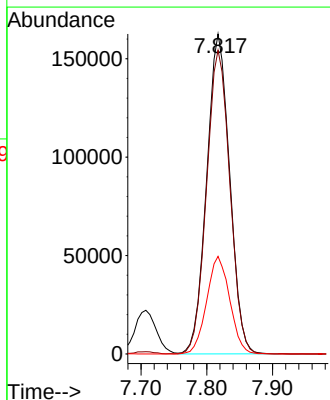
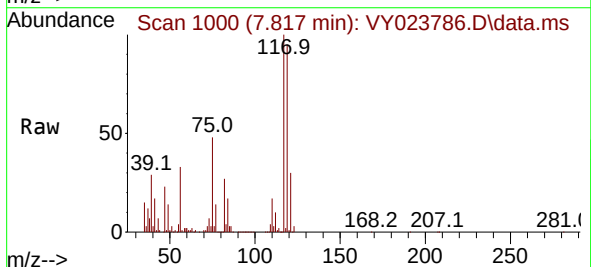
Manual Integrations
APPROVED

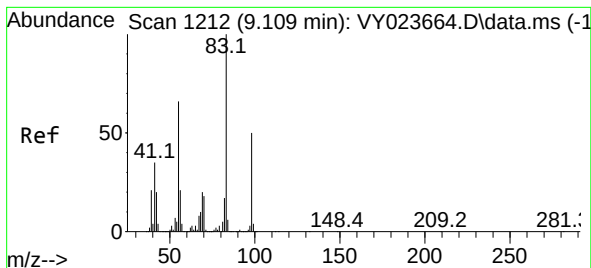
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#38
Carbon Tetrachloride
Concen: 52.088 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Tgt Ion:117 Resp: 396861
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 55.120 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 455439

Ion Ratio Lower Upper

83 100

55 70.9 52.6 78.8

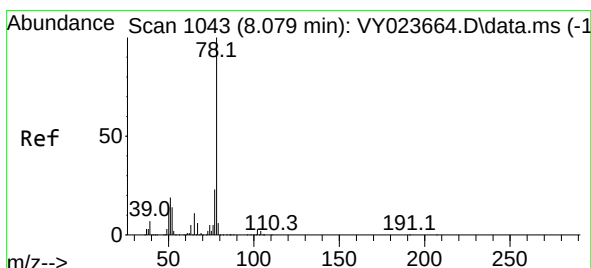
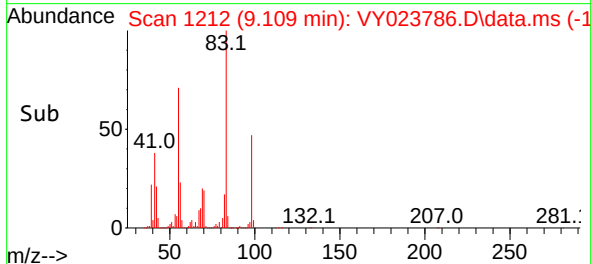
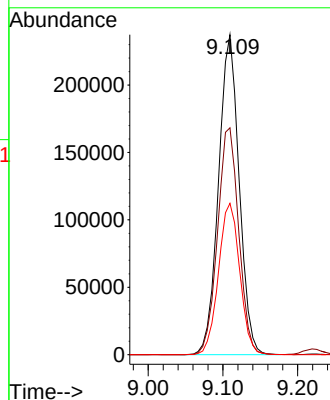
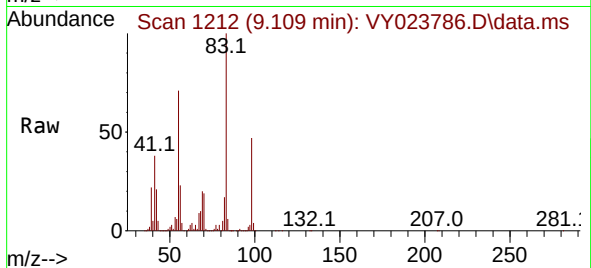
98 47.3 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#40

Benzene

Concen: 55.793 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023786.D

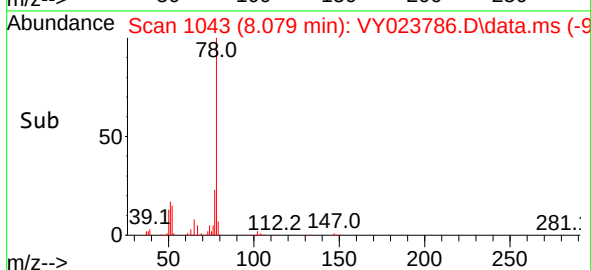
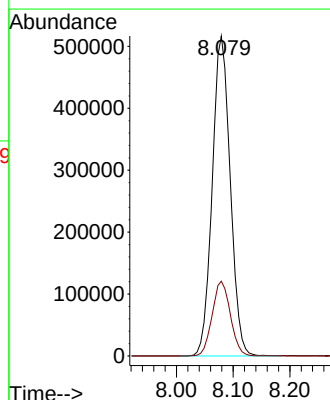
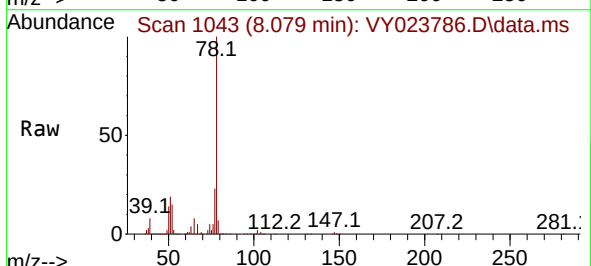
Acq: 24 Nov 2025 13:25

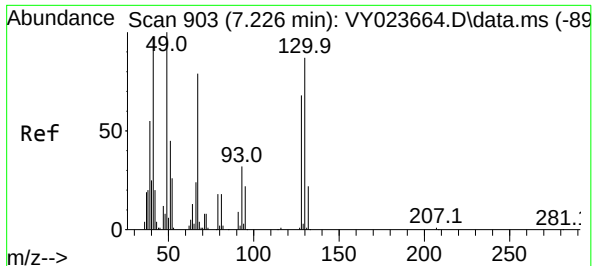
Tgt Ion: 78 Resp: 1137236

Ion Ratio Lower Upper

78 100

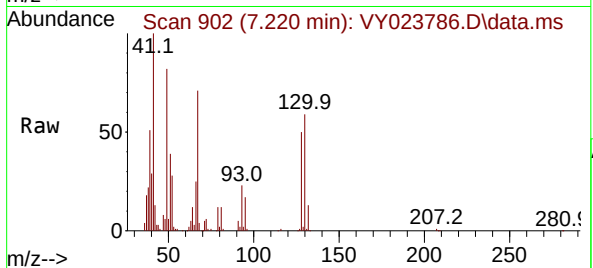
77 23.3 18.8 28.2





#41
Methacrylonitrile
Concen: 46.788 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

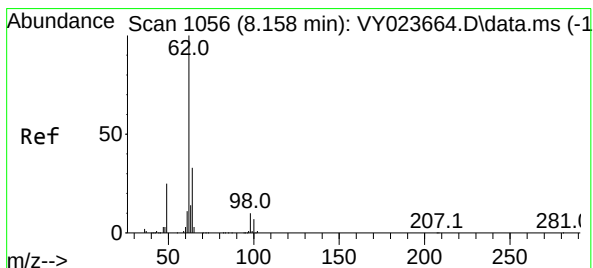
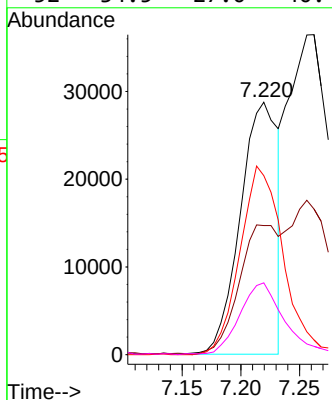
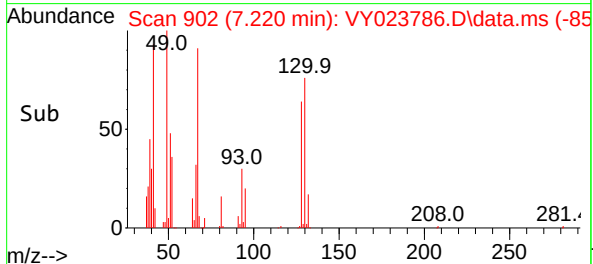
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 63934
Ion Ratio Lower Upper
41 100
39 53.7 38.6 57.8
67 87.2 71.3 106.9
52 34.5 27.0 40.4

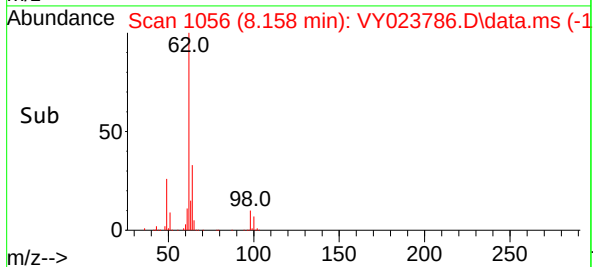
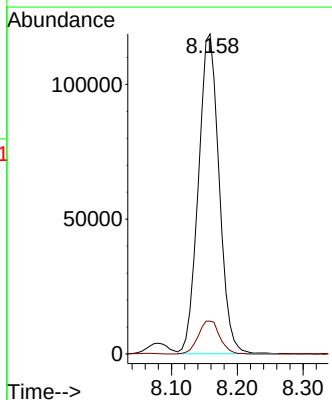
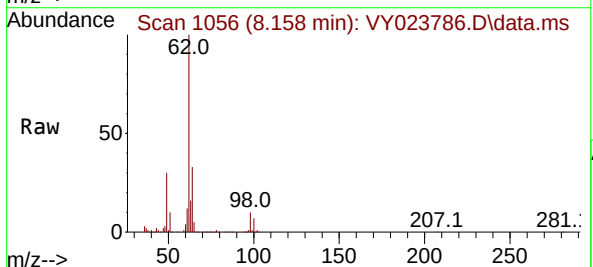
Manual Integrations
APPROVED

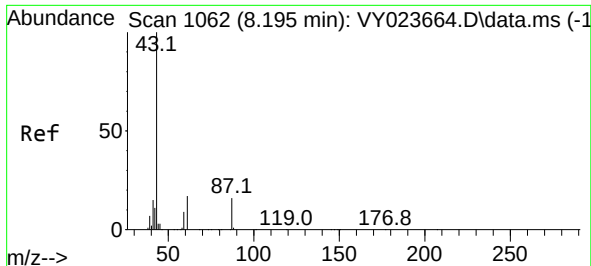
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#42
1,2-Dichloroethane
Concen: 50.295 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

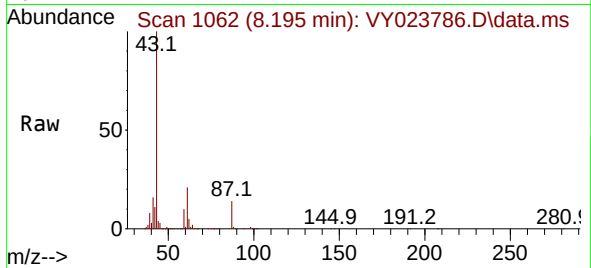
Tgt Ion: 62 Resp: 259363
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0





#43
Isopropyl Acetate
Concen: 47.851 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

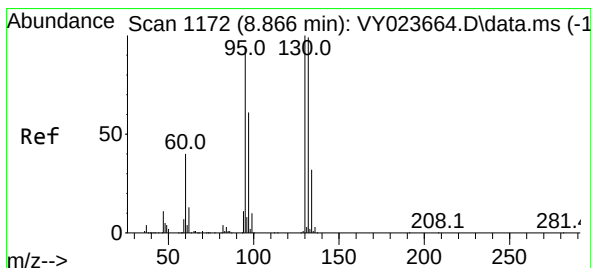
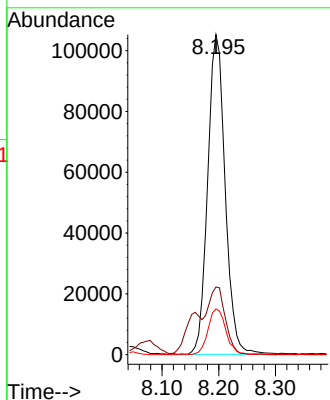
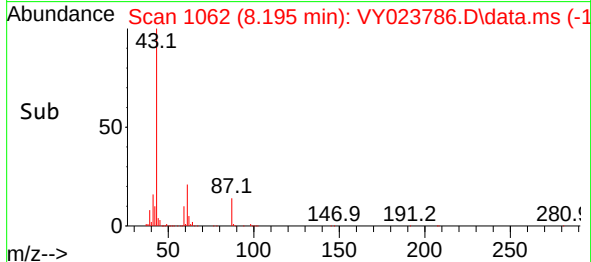
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



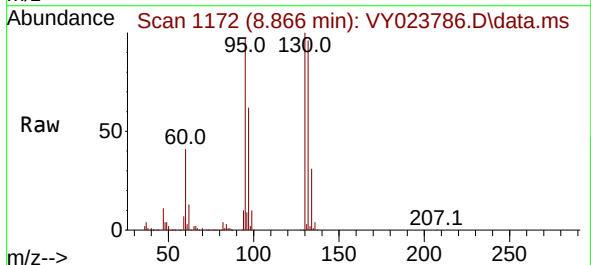
Tgt Ion: 43 Resp: 225072
Ion Ratio Lower Upper
43 100
61 21.2 18.2 27.2
87 14.6 13.3 19.9

Manual Integrations
APPROVED

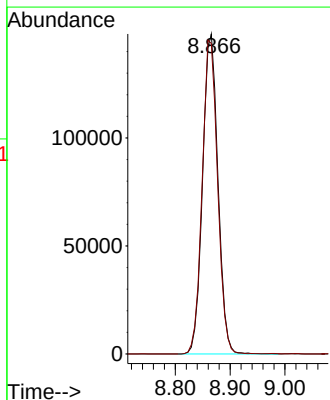
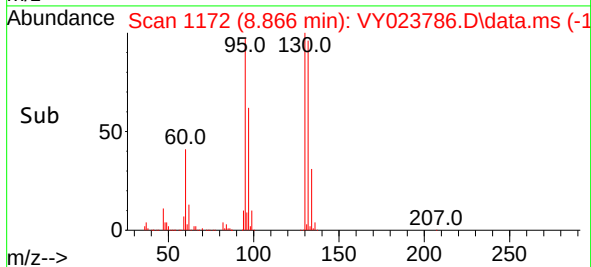
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

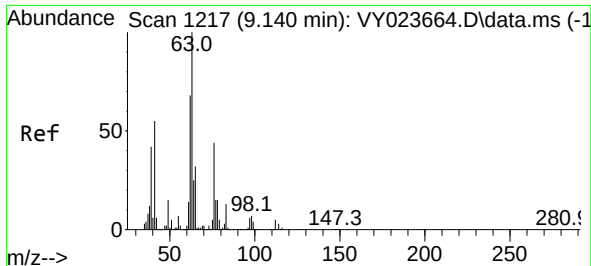


#44
Trichloroethene
Concen: 49.118 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



Tgt Ion:130 Resp: 287561
Ion Ratio Lower Upper
130 100
95 97.0 0.0 187.0





#45

1,2-Dichloropropane

Concen: 57.069 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 256728

Ion Ratio Lower Upper

63 100

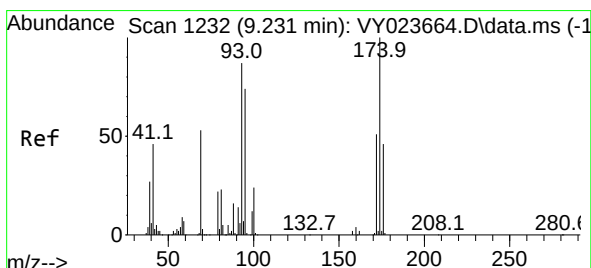
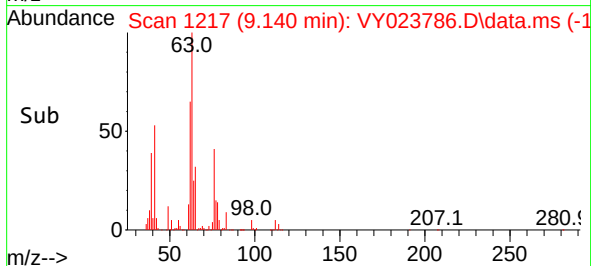
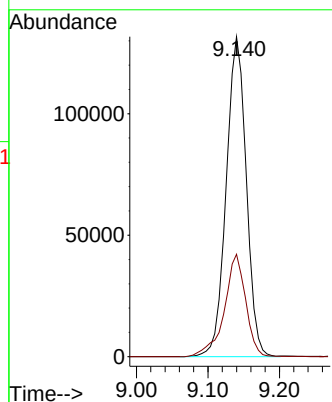
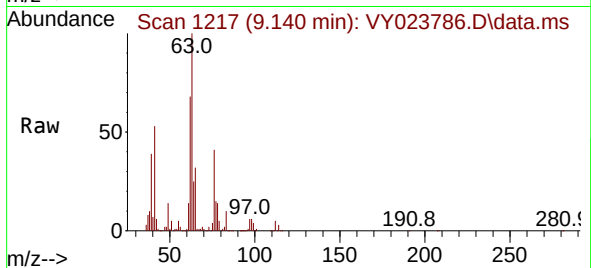
65 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#46

Dibromomethane

Concen: 48.789 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

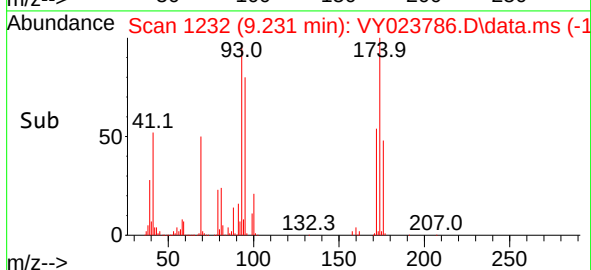
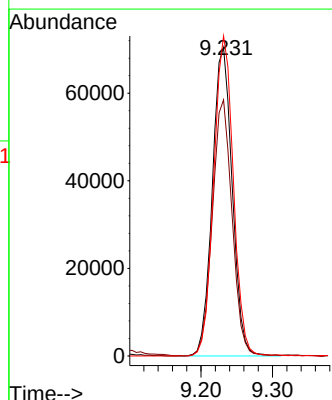
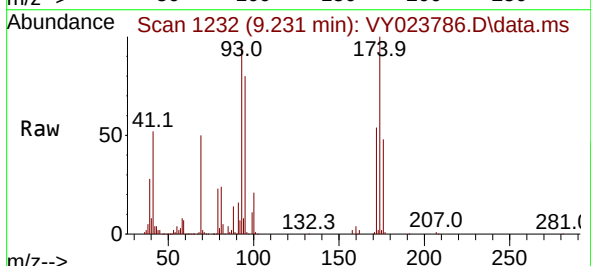
Tgt Ion: 93 Resp: 135992

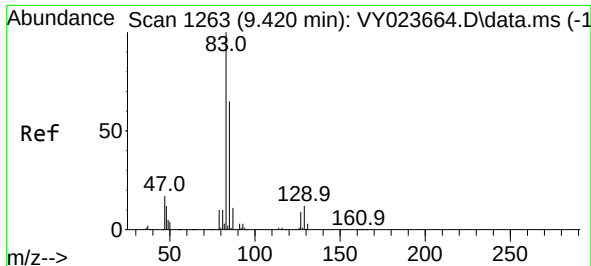
Ion Ratio Lower Upper

93 100

95 82.3 67.4 101.2

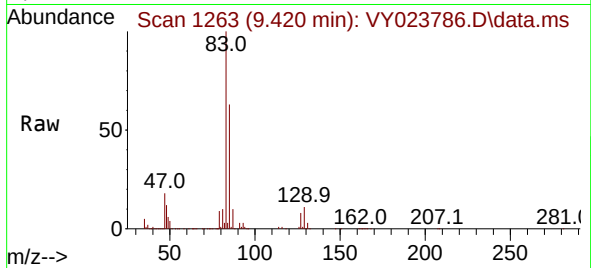
174 102.6 89.4 134.0





#47
Bromodichloromethane
Concen: 53.658 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

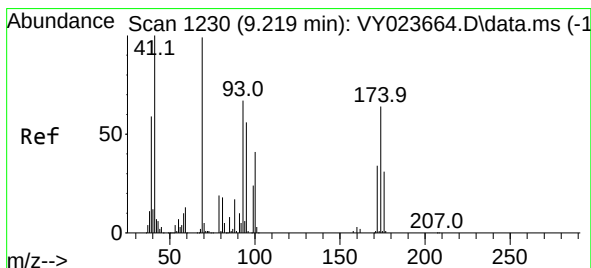
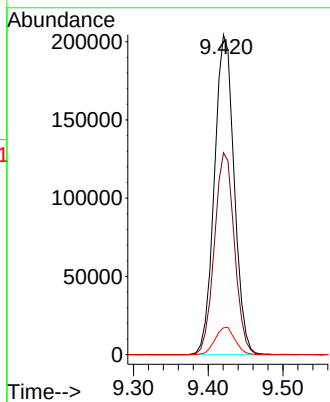
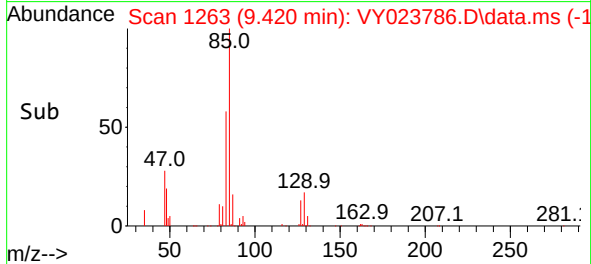
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 377086
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 8.4 7.5 11.3

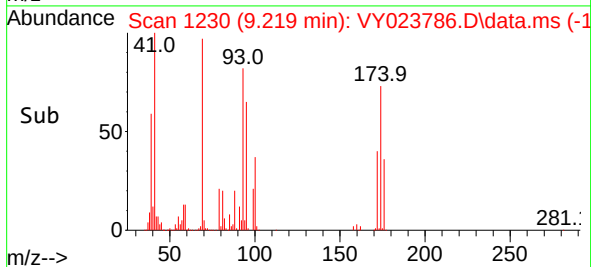
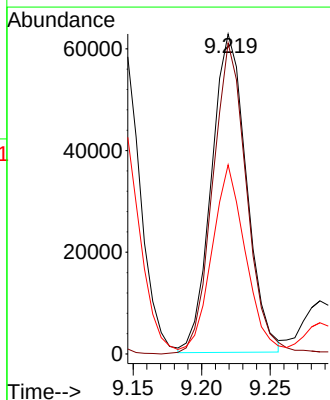
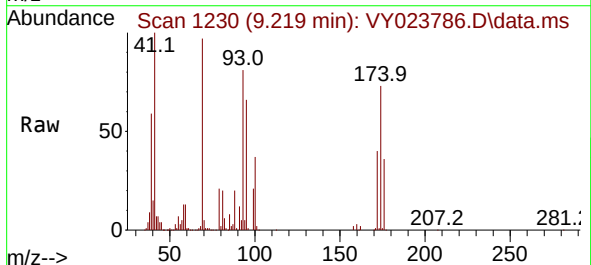
Manual Integrations
APPROVED

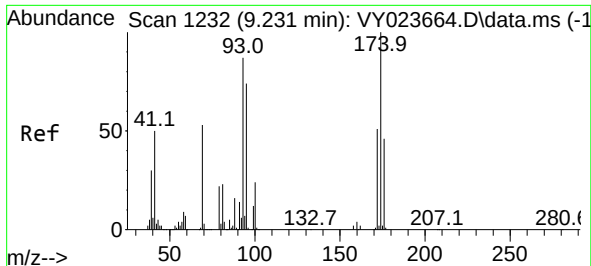
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#48
Methyl methacrylate
Concen: 50.124 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Tgt Ion: 41 Resp: 111387
Ion Ratio Lower Upper
41 100
69 95.8 80.2 120.2
39 54.4 47.4 71.0





#49

1,4-Dioxane

Concen: 925.316 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

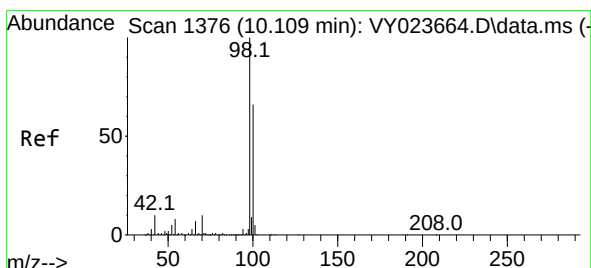
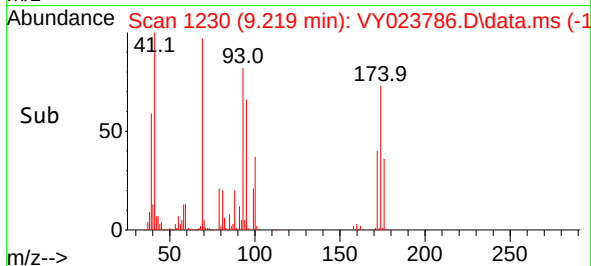
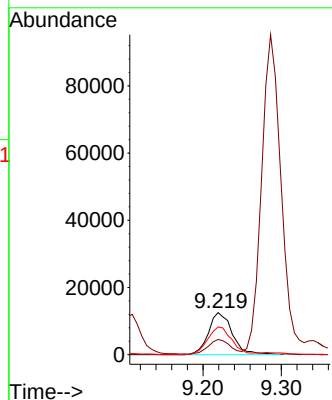
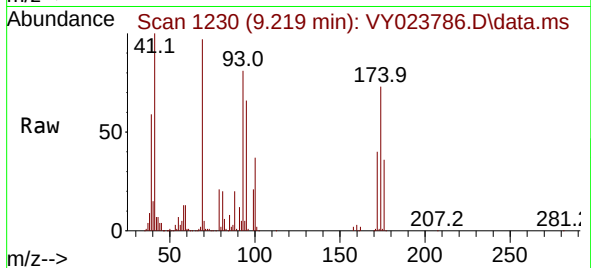
Tgt Ion:	88	Resp:	2639
Ion	Ratio	Lower	Upper
88	100		
43	32.9	22.0	33.0
58	66.2	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#50

Toluene-d8

Concen: 53.796 ug/l

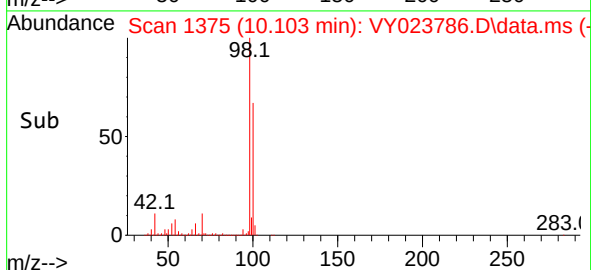
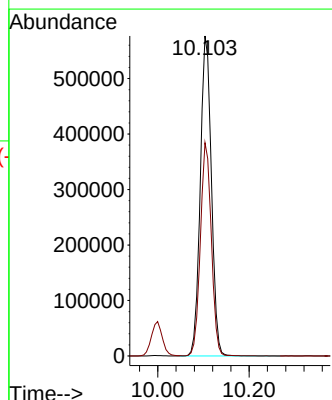
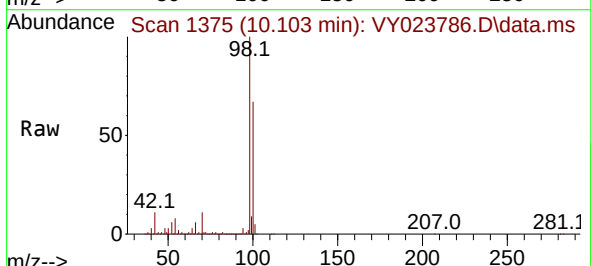
RT: 10.103 min Scan# 1375

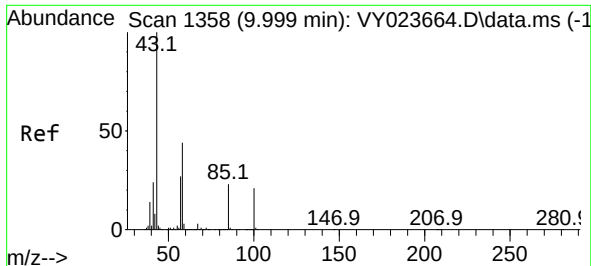
Delta R.T. -0.006 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Tgt Ion:	98	Resp:	969764
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.7	79.1





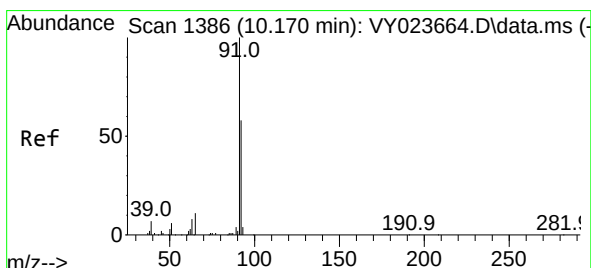
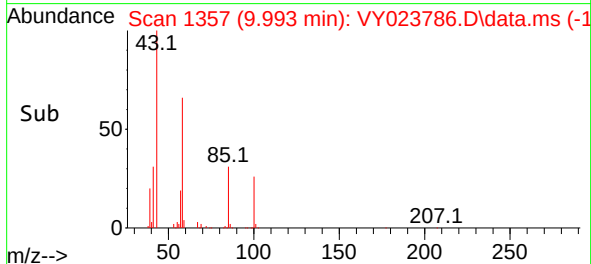
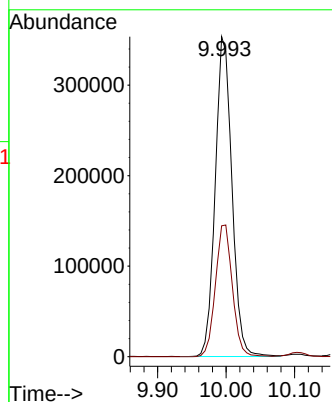
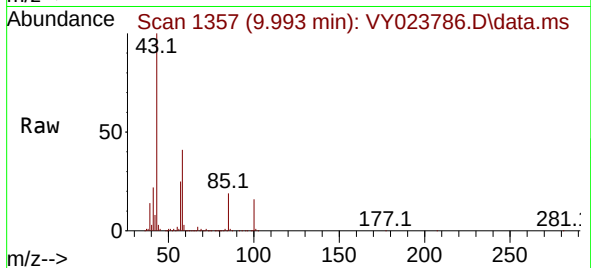
#51
4-Methyl-2-Pentanone
Concen: 239.403 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 598838
Ion Ratio Lower Upper
43 100
58 41.8 34.8 52.2

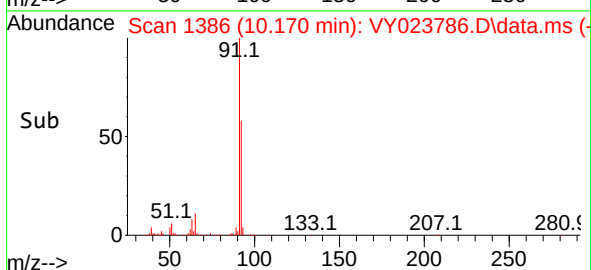
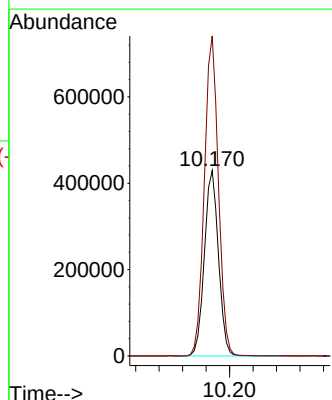
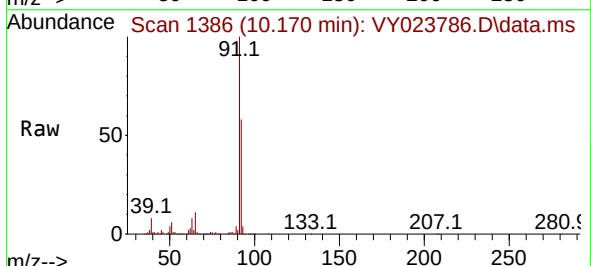
Manual Integrations
APPROVED

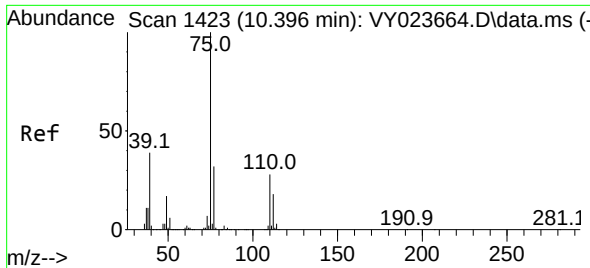
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#52
Toluene
Concen: 54.834 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

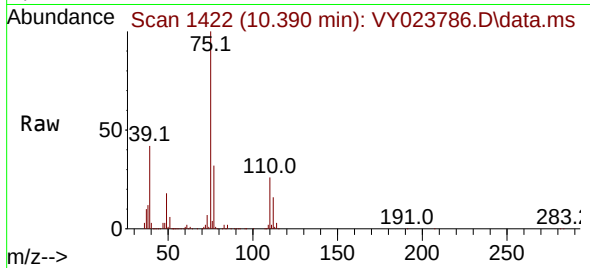
Tgt Ion: 92 Resp: 713577
Ion Ratio Lower Upper
92 100
91 172.1 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 51.271 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

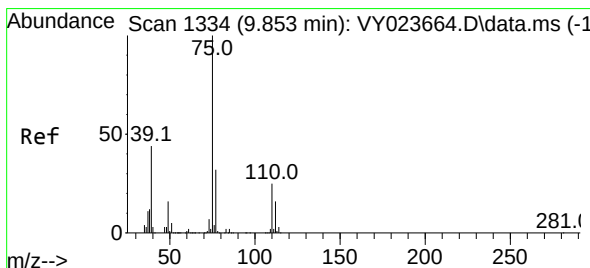
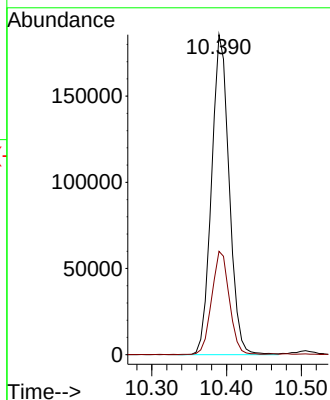
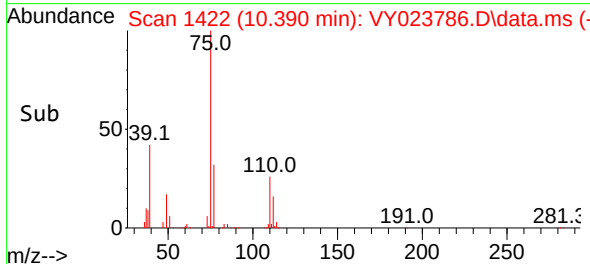
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 304870
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

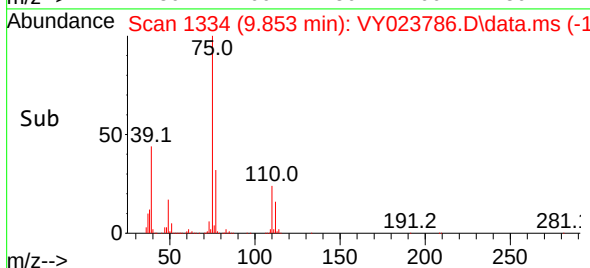
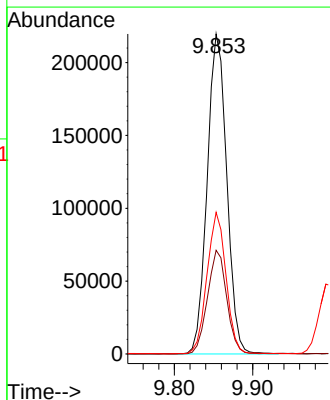
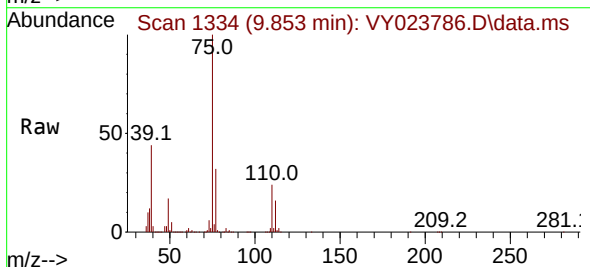
Manual Integrations
APPROVED

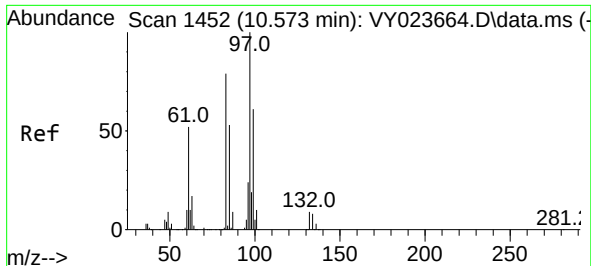
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#54
cis-1,3-Dichloropropene
Concen: 53.471 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

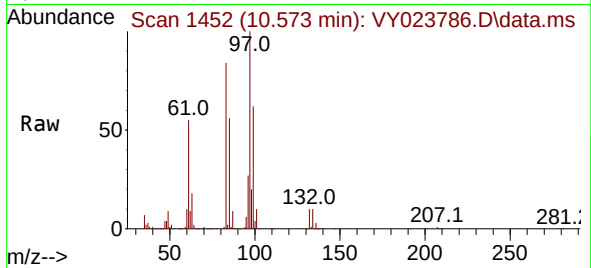
Tgt Ion: 75 Resp: 380939
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 44.2 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 51.949 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

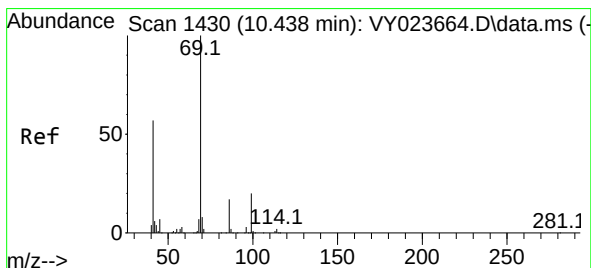
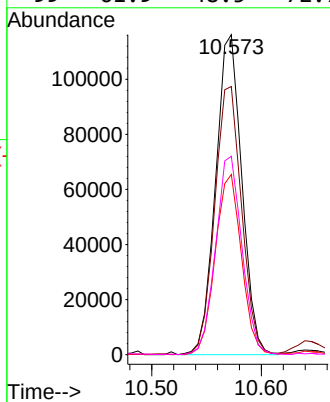
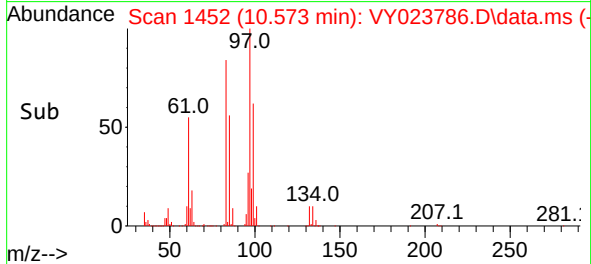
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 193510
Ion Ratio Lower Upper
97 100
83 83.7 63.3 94.9
85 56.2 42.4 63.6
99 61.9 48.5 72.7

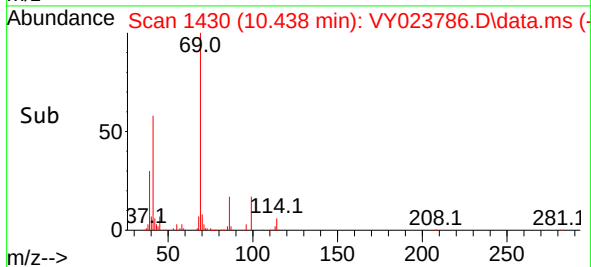
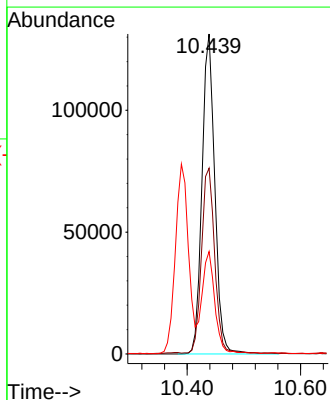
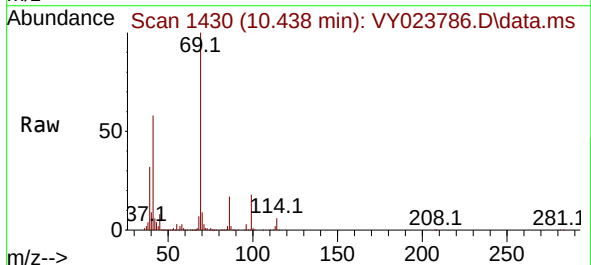
Manual Integrations
APPROVED

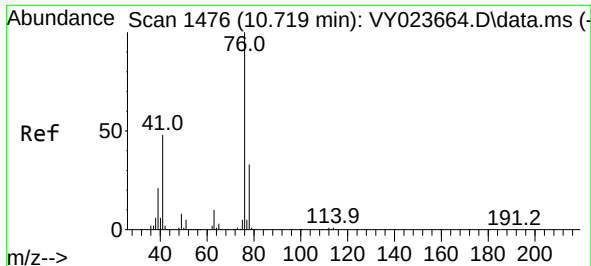
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#56
Ethyl methacrylate
Concen: 50.299 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

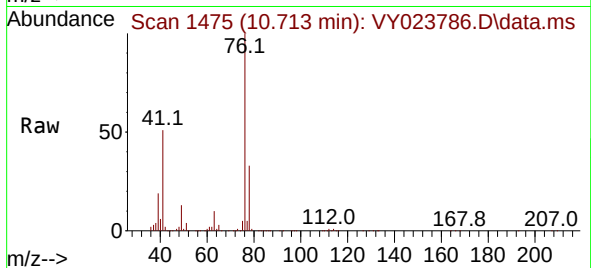
Tgt Ion: 69 Resp: 206437
Ion Ratio Lower Upper
69 100
41 59.3 45.0 67.4
39 32.1 25.1 37.7





#57
1,3-Dichloropropane
Concen: 54.634 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

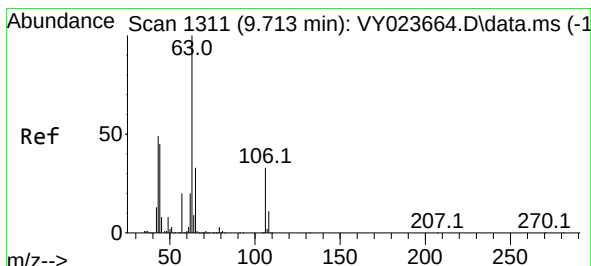
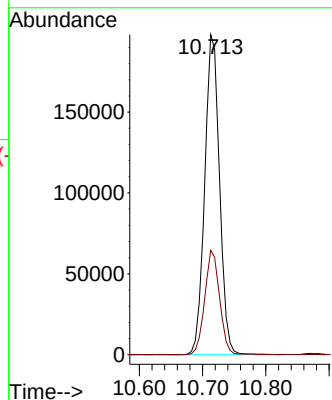
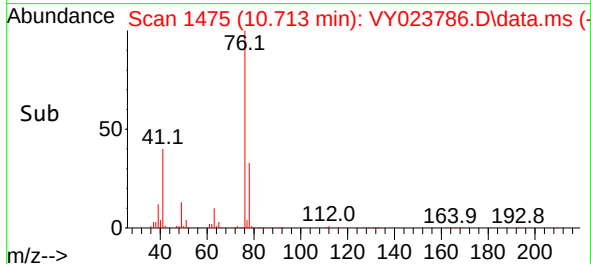
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 32280
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

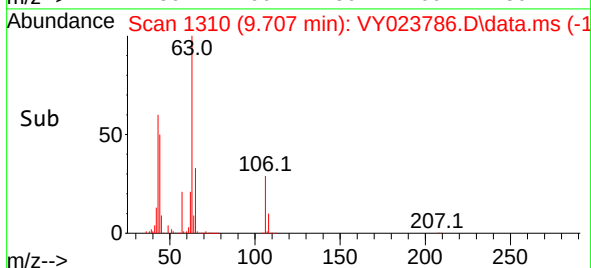
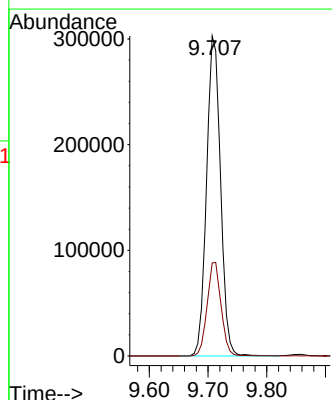
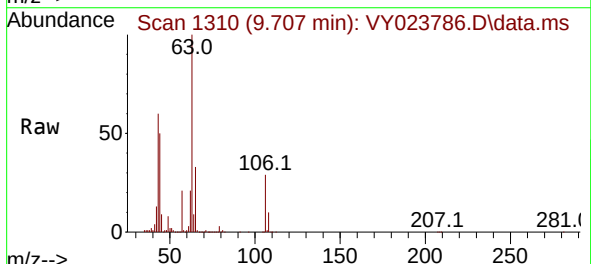
Manual Integrations
APPROVED

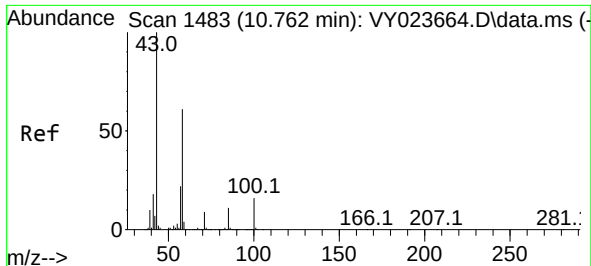
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 265.976 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

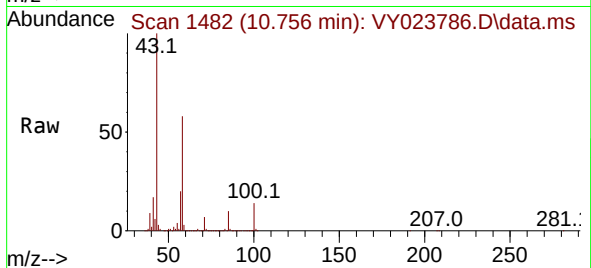
Tgt Ion: 63 Resp: 500913
Ion Ratio Lower Upper
63 100
106 29.3 26.2 39.2





#59
2-Hexanone
Concen: 240.807 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

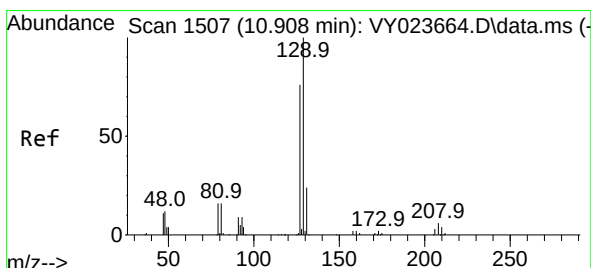
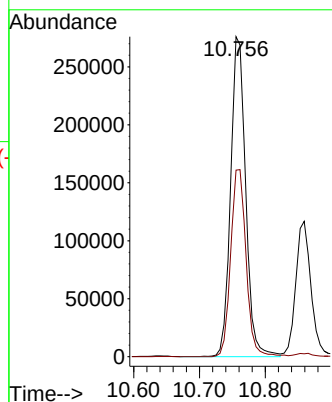
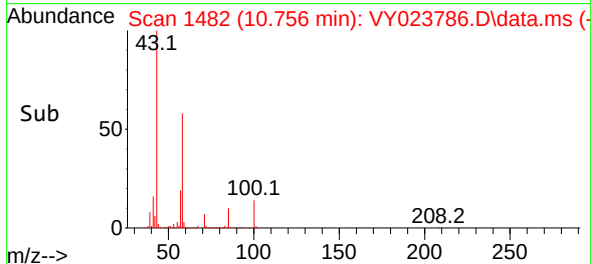
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 439458
Ion Ratio Lower Upper
43 100
58 60.0 30.2 90.6

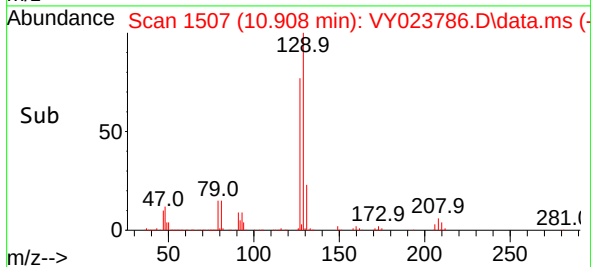
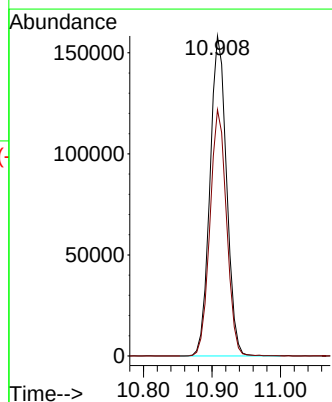
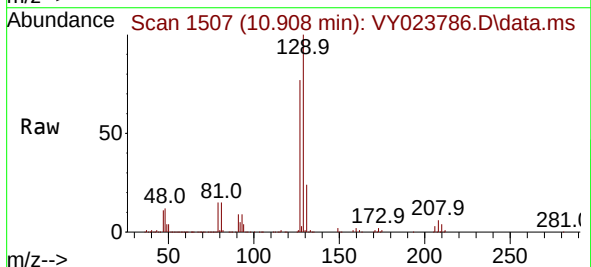
Manual Integrations
APPROVED

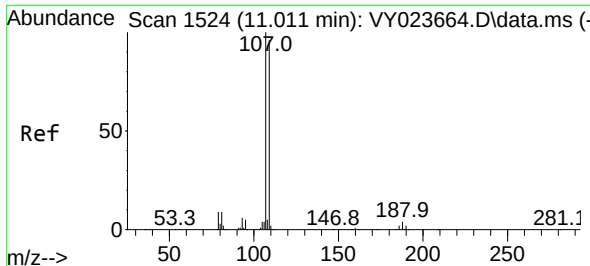
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#60
Dibromochloromethane
Concen: 52.204 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

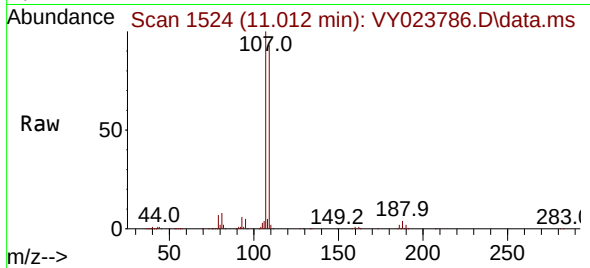
Tgt Ion:129 Resp: 267188
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 50.829 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

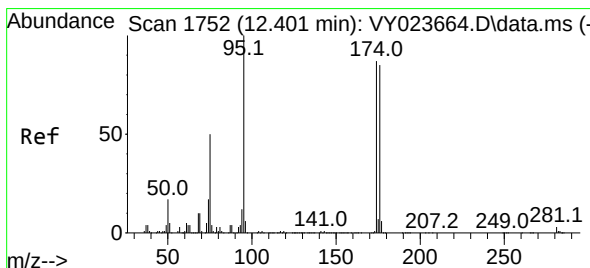
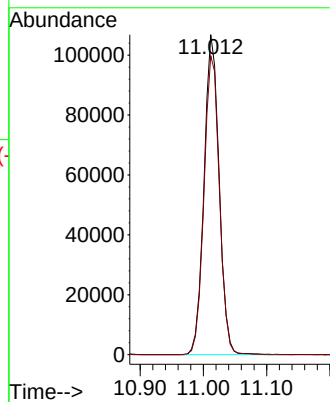
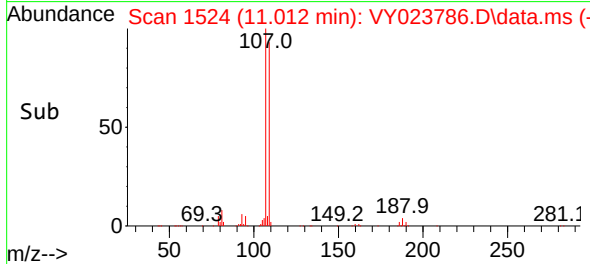
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



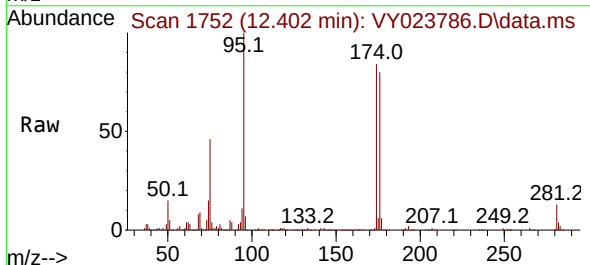
Tgt Ion:107 Resp: 177688
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4

Manual Integrations
APPROVED

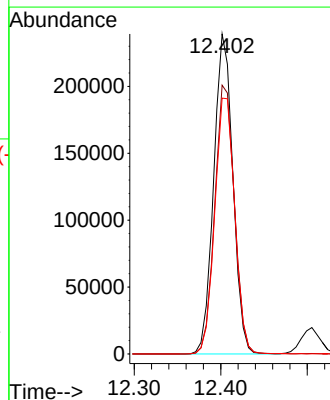
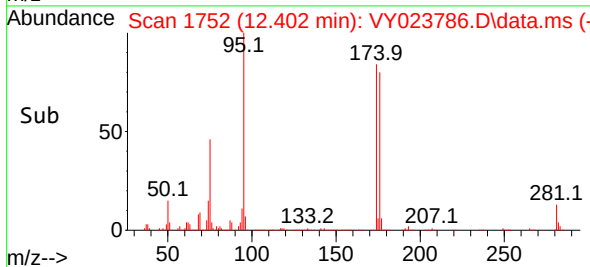
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

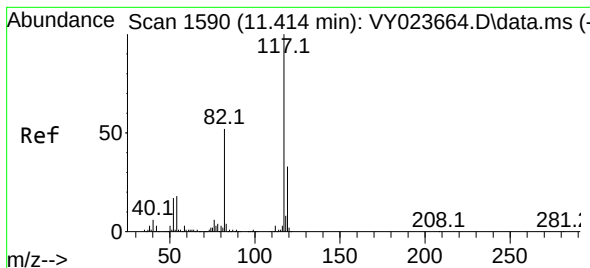


#62
4-Bromofluorobenzene
Concen: 63.090 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



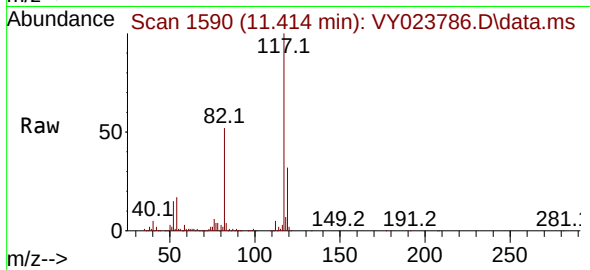
Tgt Ion: 95 Resp: 367798
Ion Ratio Lower Upper
95 100
174 86.2 0.0 184.8
176 83.6 0.0 181.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

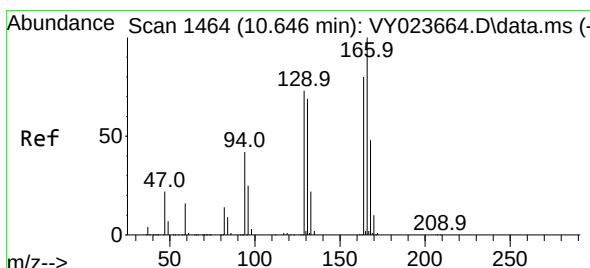
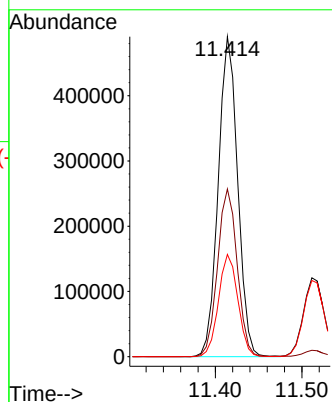
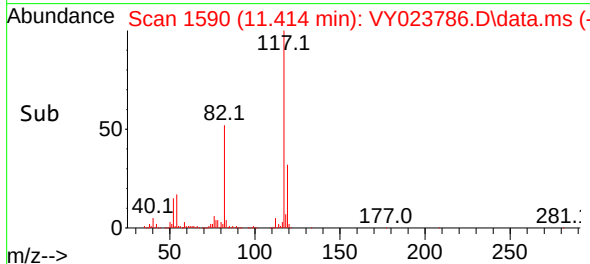
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 76407
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 31.9 26.2 39.2

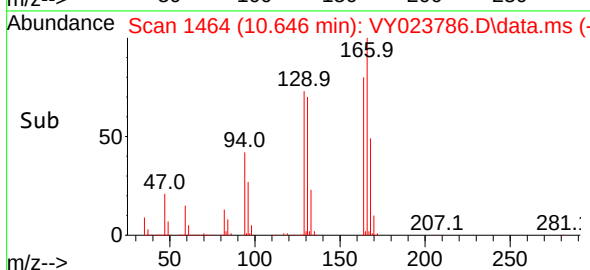
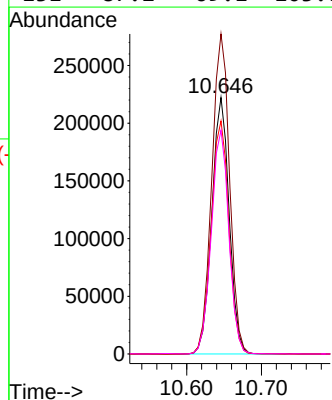
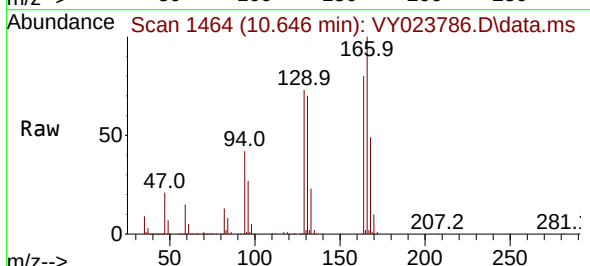
Manual Integrations
APPROVED

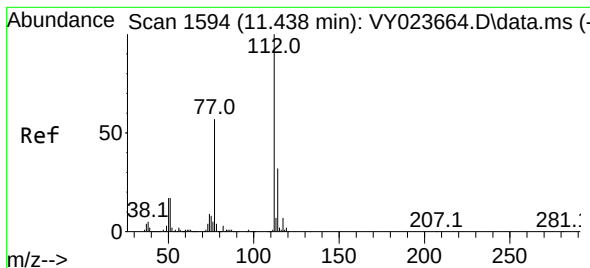
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#64
Tetrachloroethene
Concen: 45.216 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

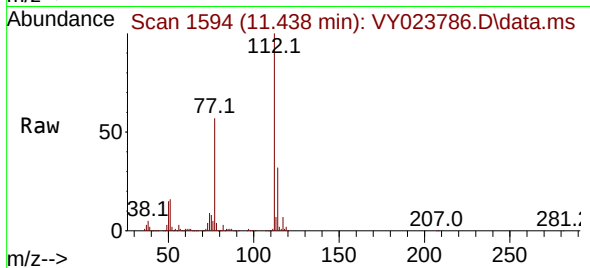
Tgt Ion:164 Resp: 359596
Ion Ratio Lower Upper
164 100
166 124.8 99.5 149.3
129 90.8 72.3 108.5
131 87.2 69.1 103.7





#65
Chlorobenzene
Concen: 50.967 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

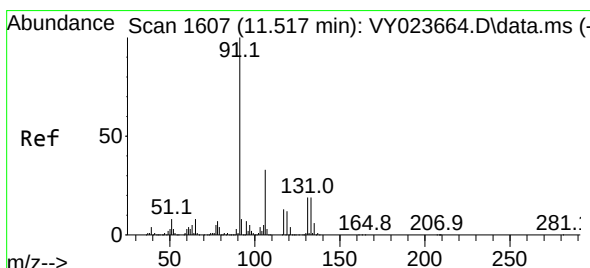
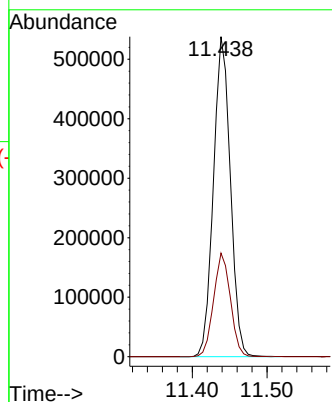
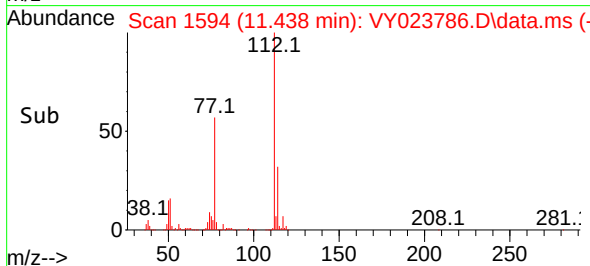
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



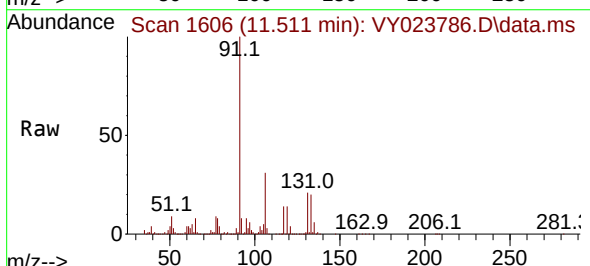
Tgt Ion:112 Resp: 847782
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

Manual Integrations
APPROVED

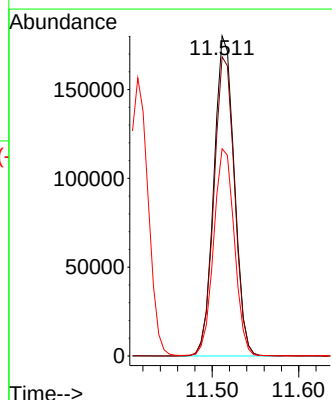
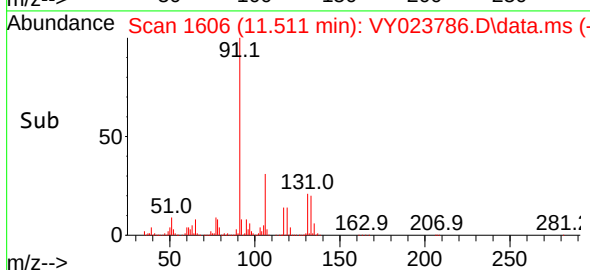
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

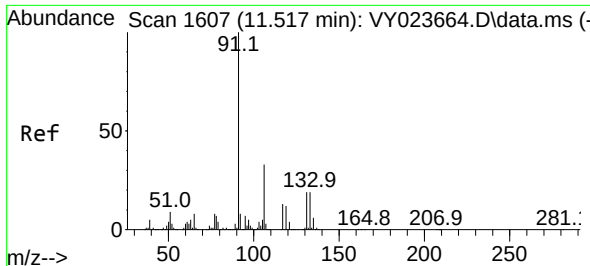


#66
1,1,1,2-Tetrachloroethane
Concen: 50.073 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



Tgt Ion:131 Resp: 294521
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 65.8 32.5 97.4





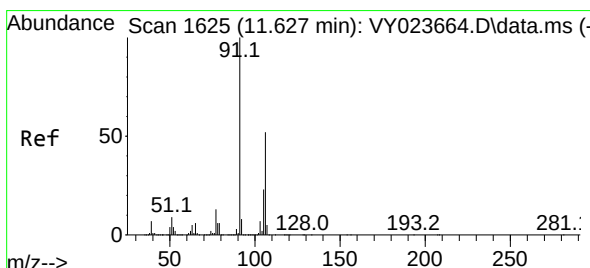
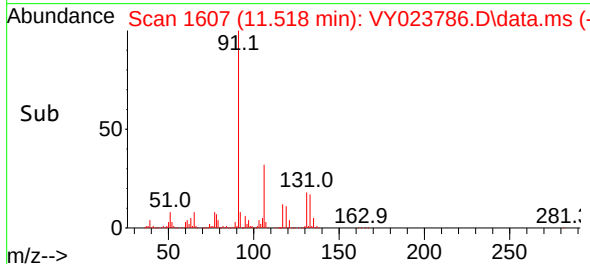
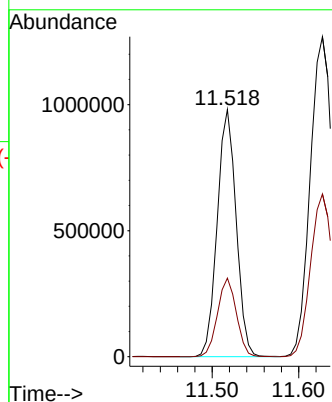
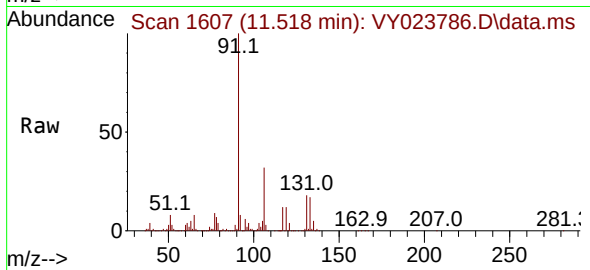
#67
Ethyl Benzene
Concen: 55.274 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 148805
Ion Ratio Lower Upper
91 100
106 31.8 26.6 40.0

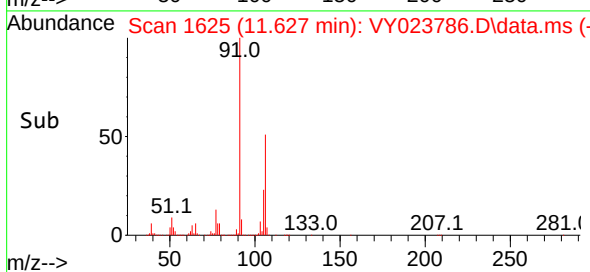
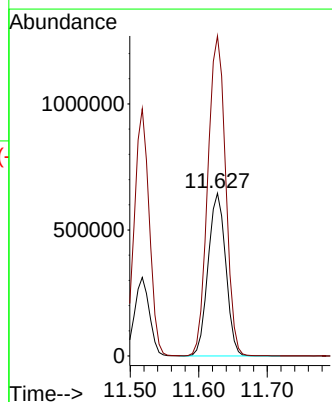
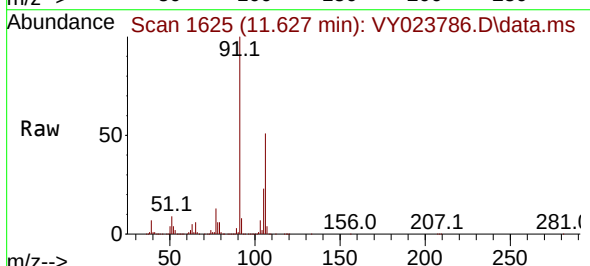
Manual Integrations
APPROVED

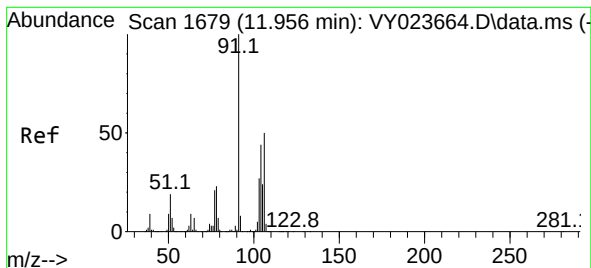
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#68
m/p-Xylenes
Concen: 107.402 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Tgt Ion:106 Resp: 1155220
Ion Ratio Lower Upper
106 100
91 198.9 154.3 231.5





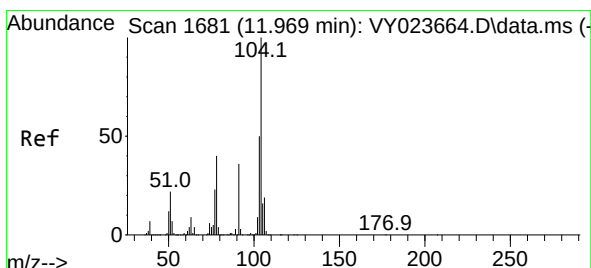
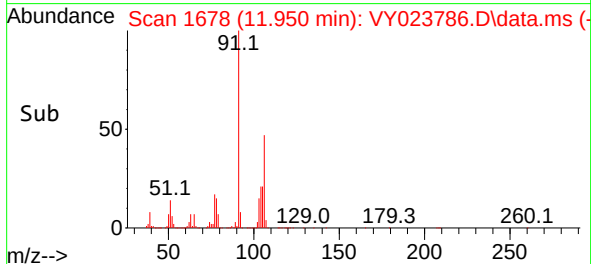
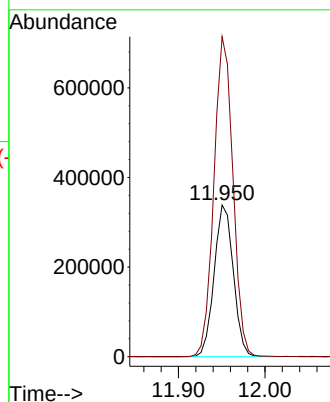
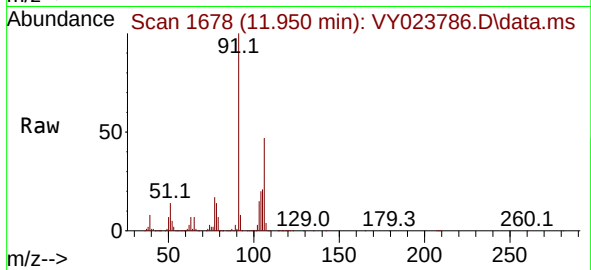
#69
o-Xylene
Concen: 52.356 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 520560
Ion Ratio Lower Upper
106 100
91 209.4 101.6 304.6

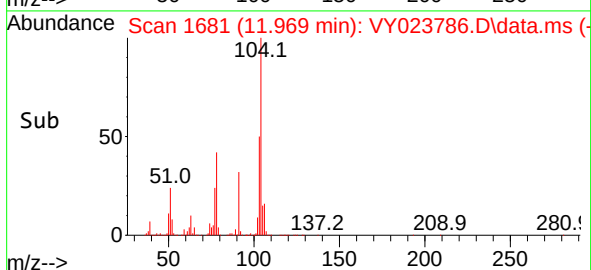
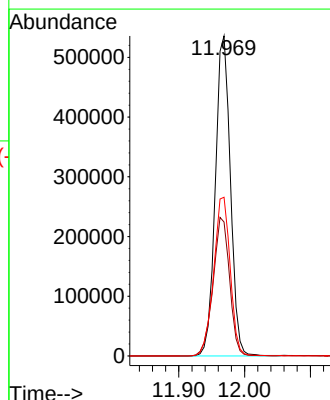
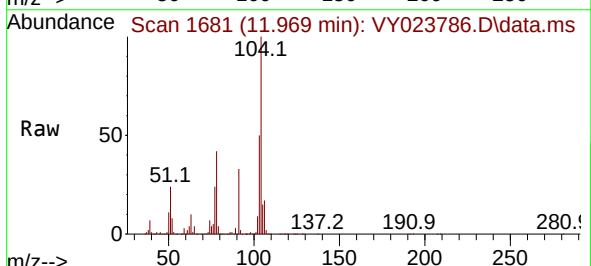
Manual Integrations
APPROVED

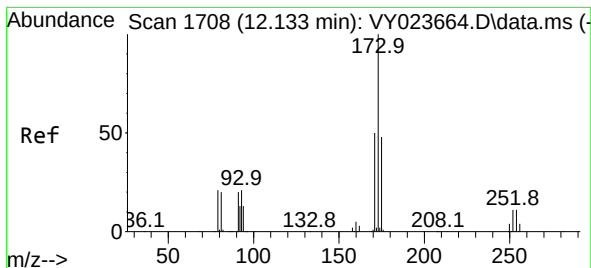
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#70
Styrene
Concen: 52.150 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Tgt Ion:104 Resp: 855518
Ion Ratio Lower Upper
104 100
78 47.4 36.5 54.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 43.036 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 147839

Ion Ratio Lower Upper

173 100

175 49.2 24.2 72.6

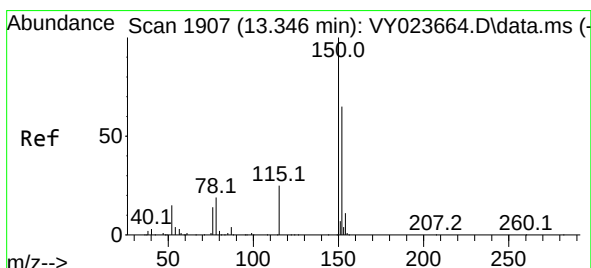
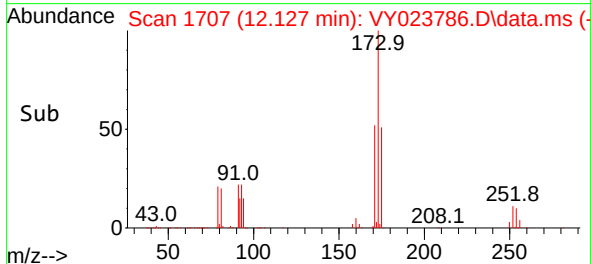
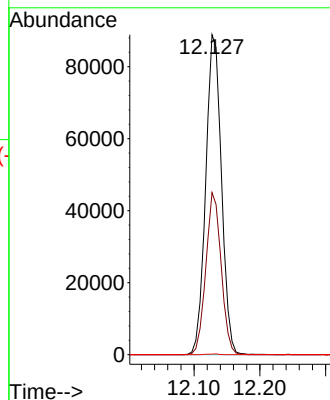
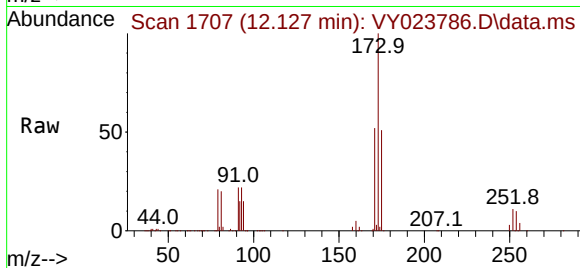
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

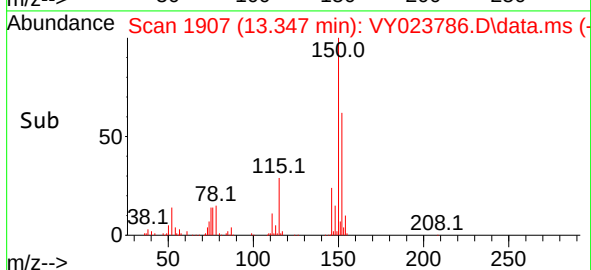
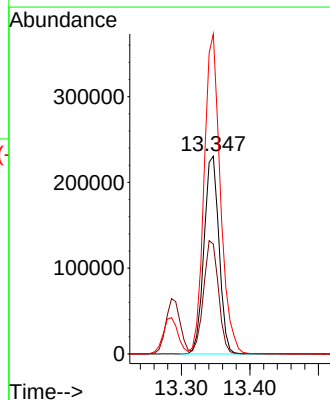
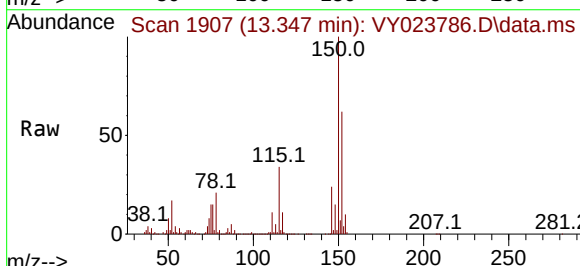
Tgt Ion:152 Resp: 352043

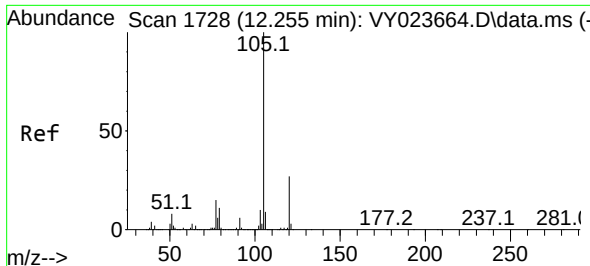
Ion Ratio Lower Upper

152 100

115 56.9 27.5 82.5

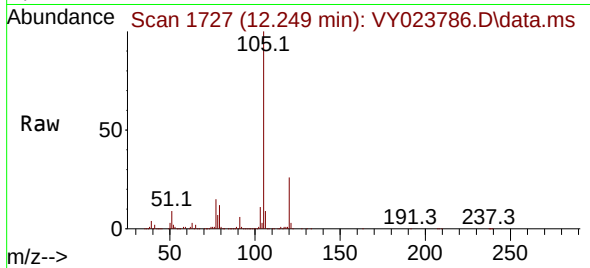
150 174.9 0.0 349.0





#73
Isopropylbenzene
Concen: 59.031 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

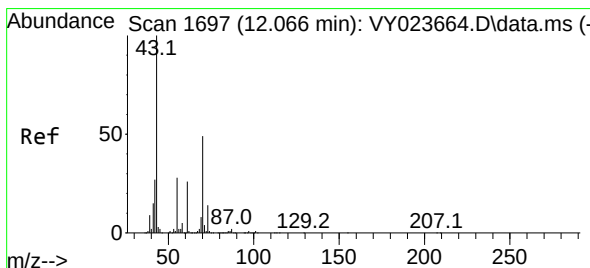
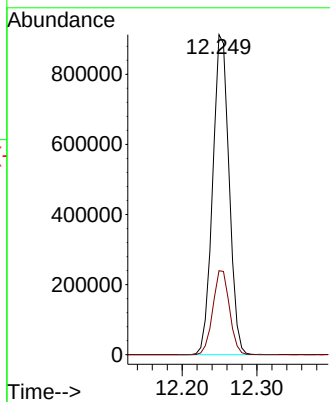
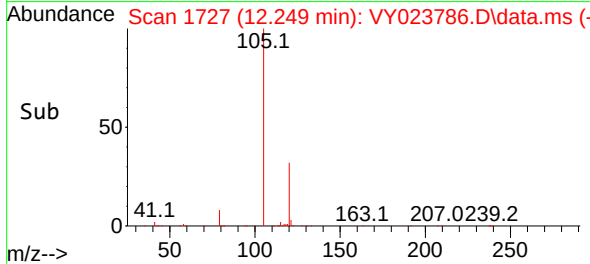
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1389909
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7

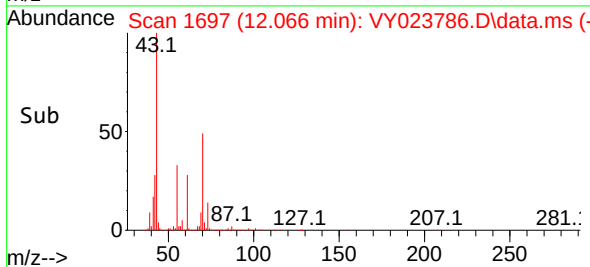
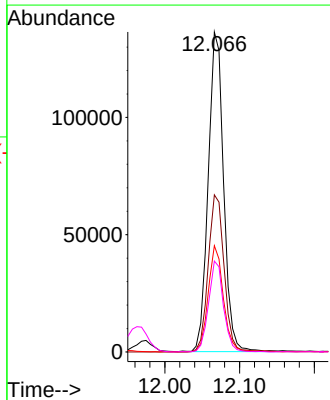
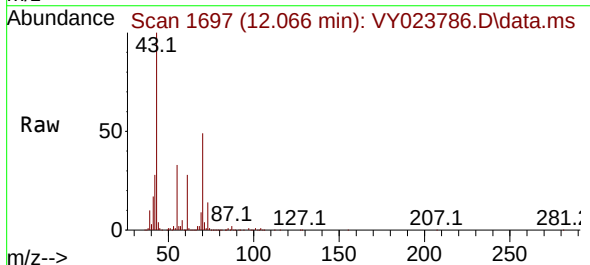
Manual Integrations
APPROVED

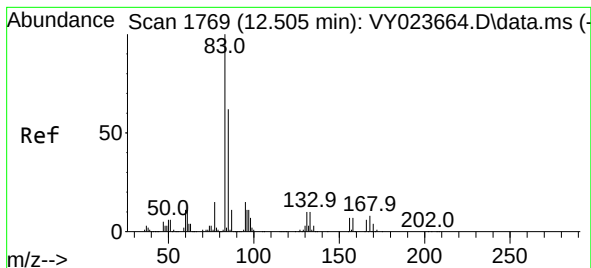
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#74
N-ethyl acetate
Concen: 49.018 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

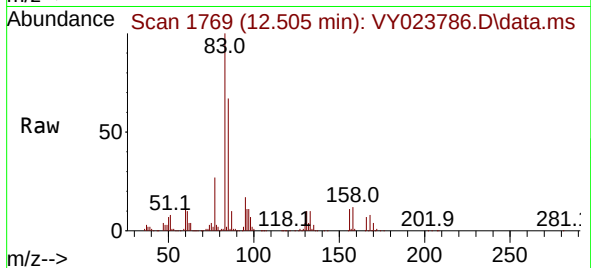
Tgt Ion: 43 Resp: 195402
Ion Ratio Lower Upper
43 100
70 50.9 40.1 60.1
55 33.1 23.0 34.6
61 27.6 21.3 31.9





#75
1,1,2,2-Tetrachloroethane
Concen: 50.615 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

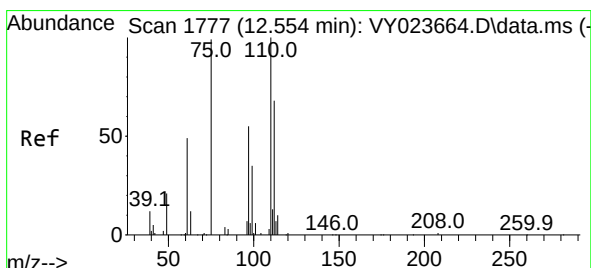
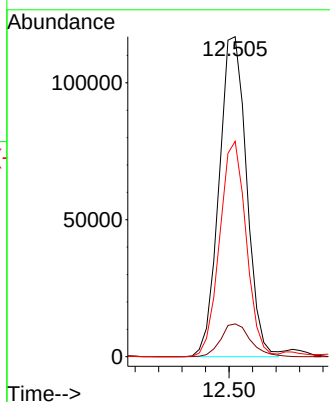
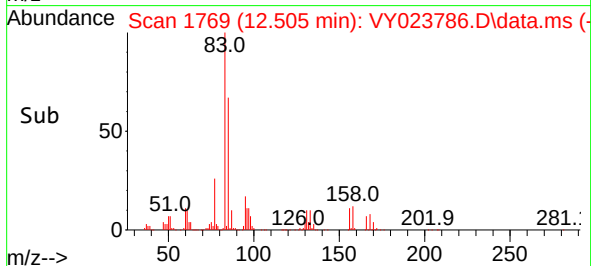
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



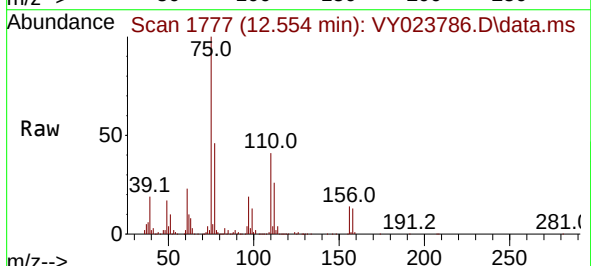
Tgt Ion: 83 Resp: 190337
Ion Ratio Lower Upper
83 100
131 11.1 5.7 17.0
85 64.9 31.9 95.7

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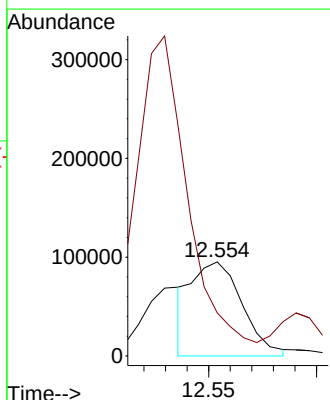
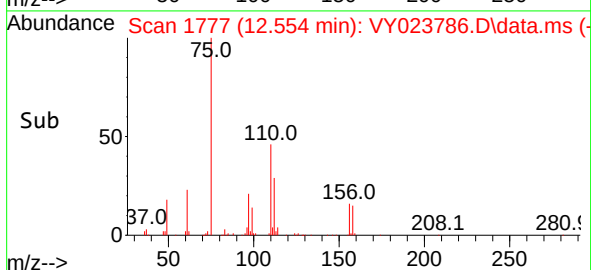
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

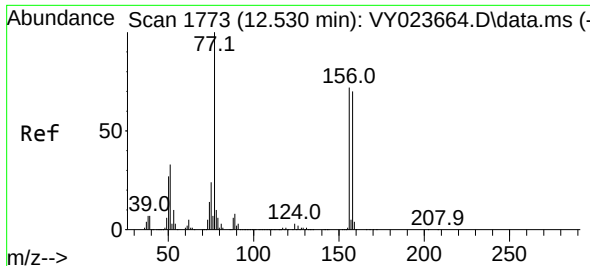


#76
1,2,3-Trichloropropane
Concen: 54.713 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



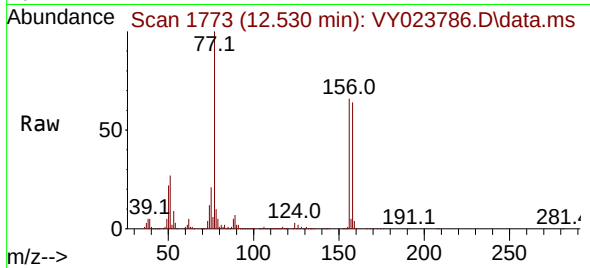
Tgt Ion: 75 Resp: 155883
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.823 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

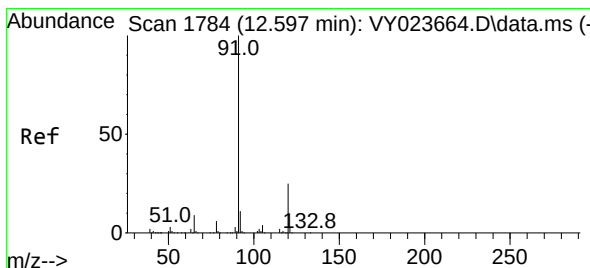
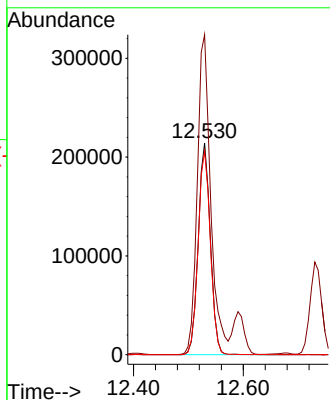
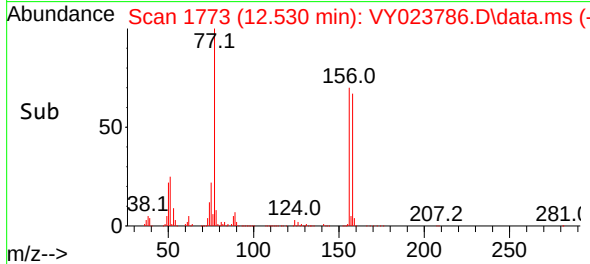
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 328725
Ion Ratio Lower Upper
156 100
77 167.6 77.9 233.7
158 97.8 48.5 145.5

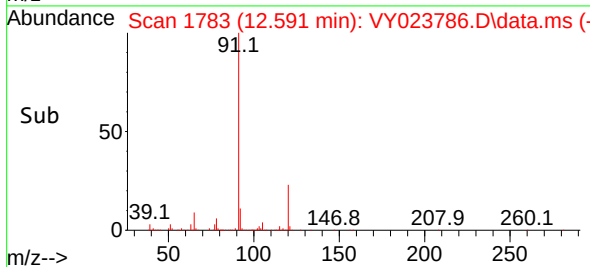
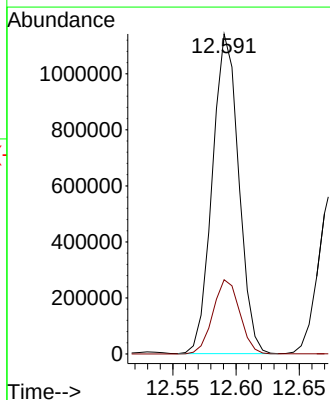
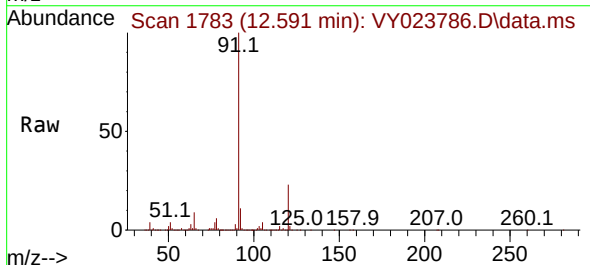
Manual Integrations
APPROVED

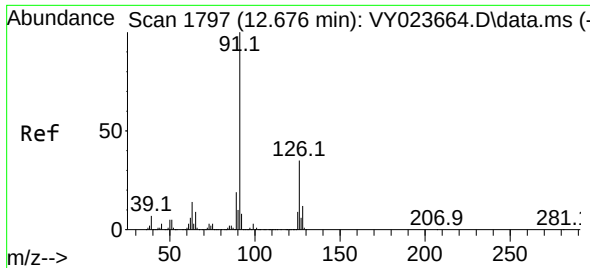
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#78
n-propylbenzene
Concen: 59.812 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Tgt Ion: 91 Resp: 1656517
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1





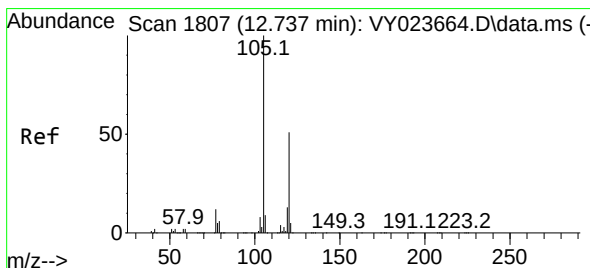
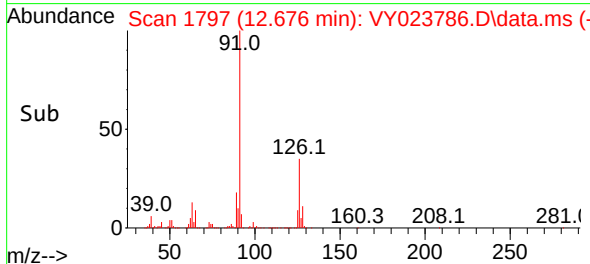
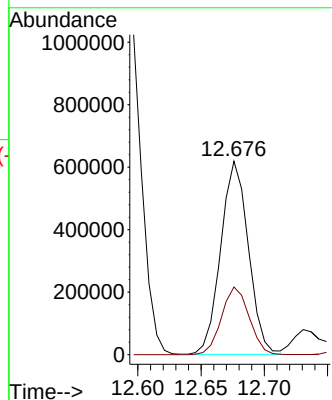
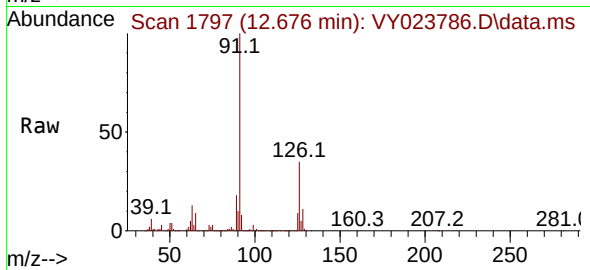
#79
2-Chlorotoluene
Concen: 58.649 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 94255
Ion Ratio Lower Upper
91 100
126 34.9 18.0 54.0

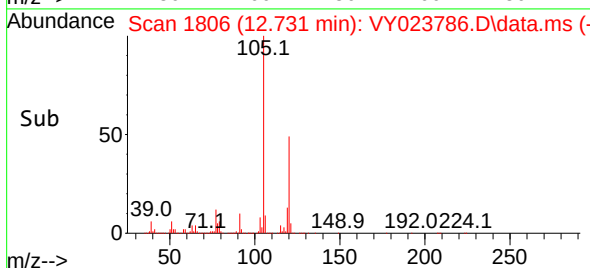
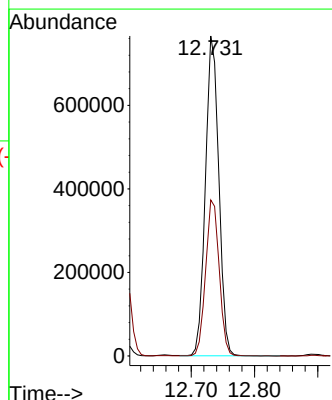
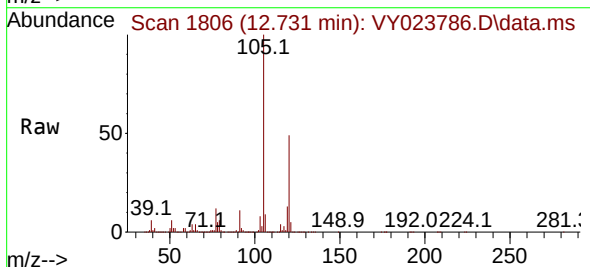
Manual Integrations
APPROVED

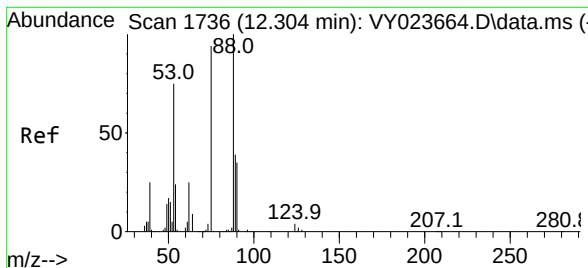
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 59.104 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

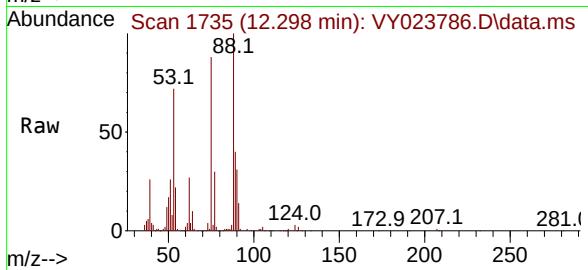
Tgt Ion:105 Resp: 1130675
Ion Ratio Lower Upper
105 100
120 49.4 25.4 76.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.270 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

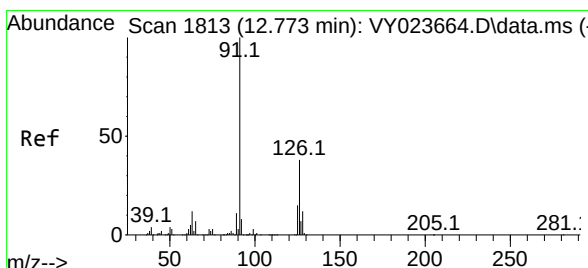
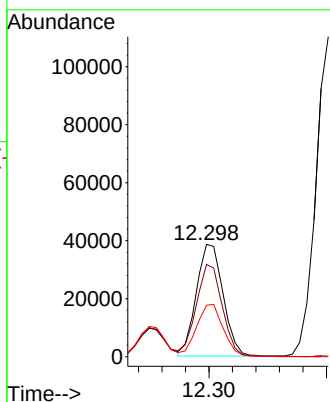
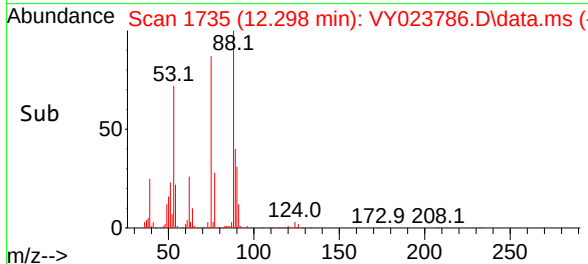
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 60854
Ion Ratio Lower Upper
75 100
53 81.0 69.6 104.4
89 46.9 38.2 57.4

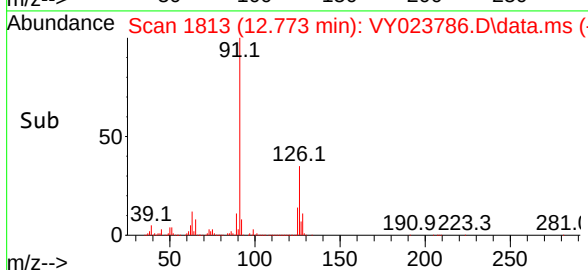
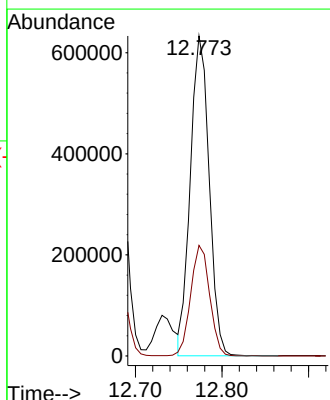
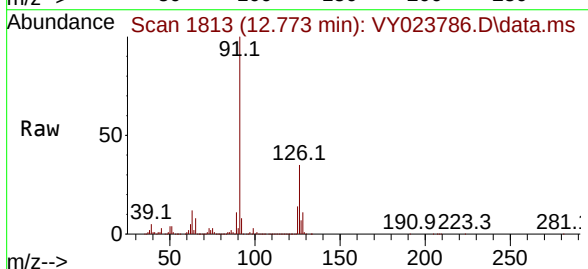
Manual Integrations
APPROVED

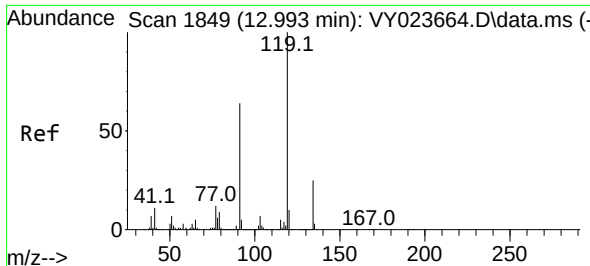
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#82
4-Chlorotoluene
Concen: 57.570 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

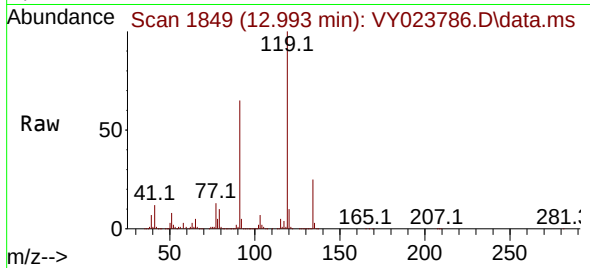
Tgt Ion: 91 Resp: 954179
Ion Ratio Lower Upper
91 100
126 34.9 18.1 54.4





#83
tert-Butylbenzene
Concen: 56.877 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25

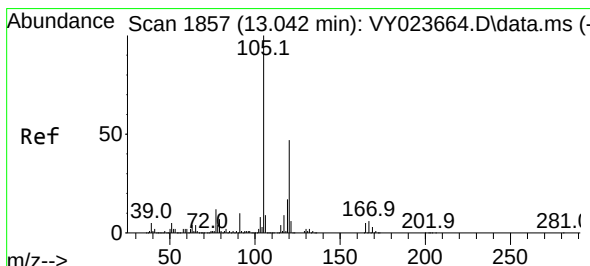
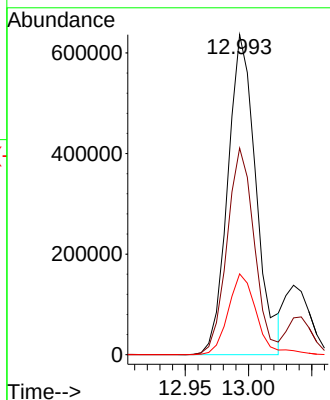
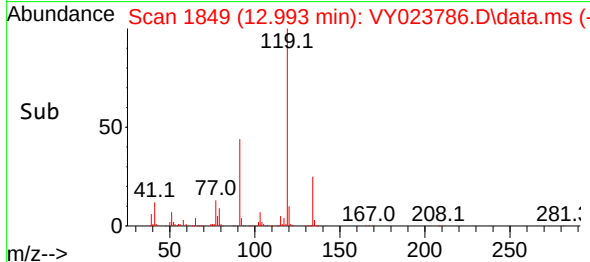
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



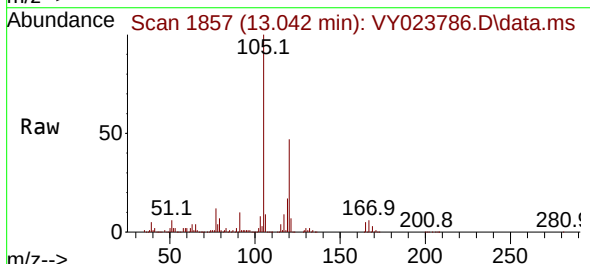
Tgt Ion:119 Resp: 990999
Ion Ratio Lower Upper
119 100
91 62.5 30.7 92.1
134 25.4 13.1 39.1

Manual Integrations
APPROVED

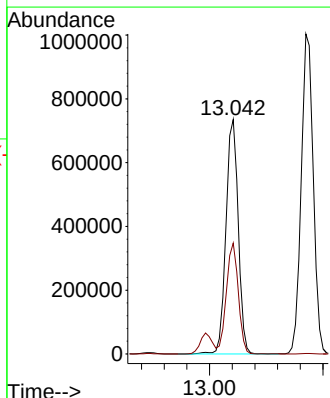
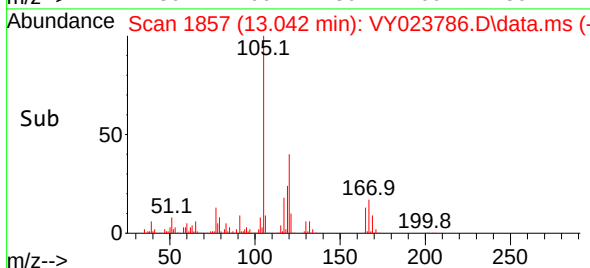
Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

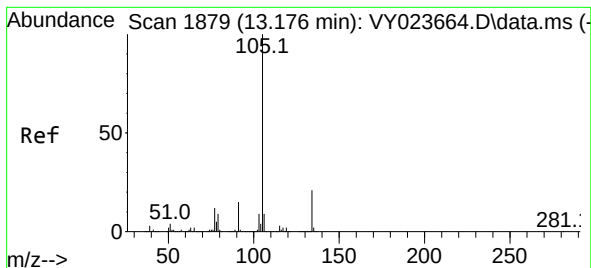


#84
1,2,4-Trimethylbenzene
Concen: 58.193 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023786.D
Acq: 24 Nov 2025 13:25



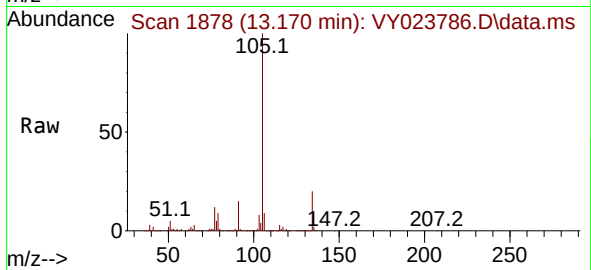
Tgt Ion:105 Resp: 1102630
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 58.773 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25

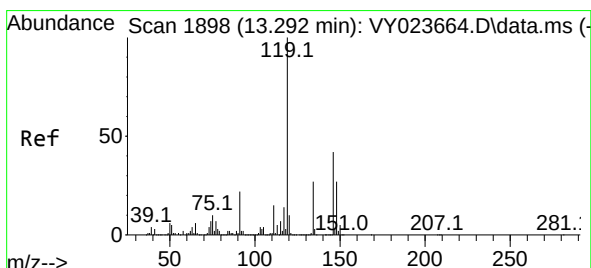
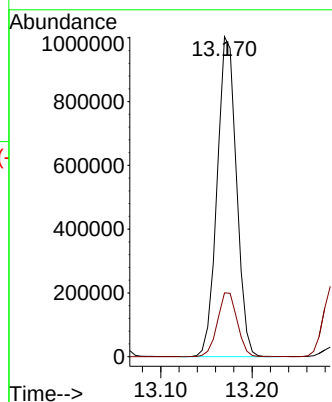
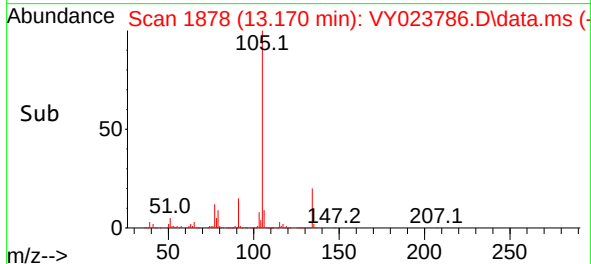
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1476999
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.4

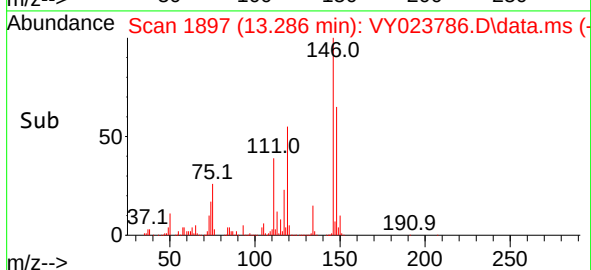
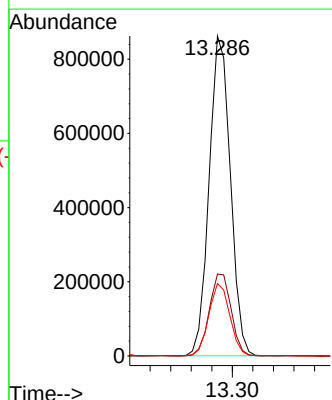
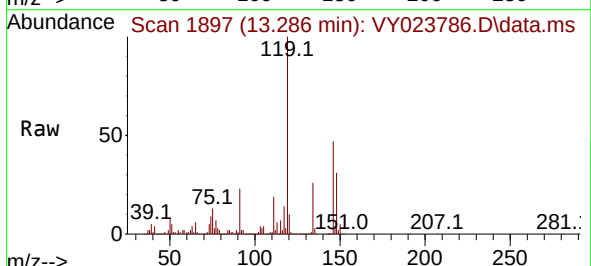
Manual Integrations
 APPROVED

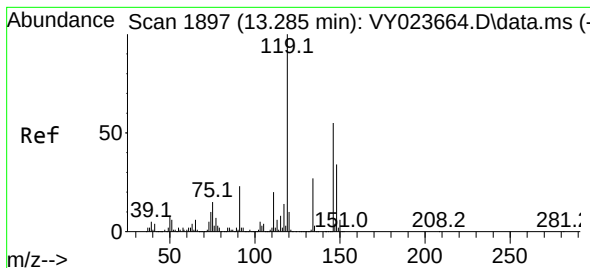
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025



#86
 p-Isopropyltoluene
 Concen: 58.041 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25

Tgt Ion:119 Resp: 1234779
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.5 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 52.289 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 62856

Ion Ratio Lower Upper

146 100

111 39.0 18.8 56.3

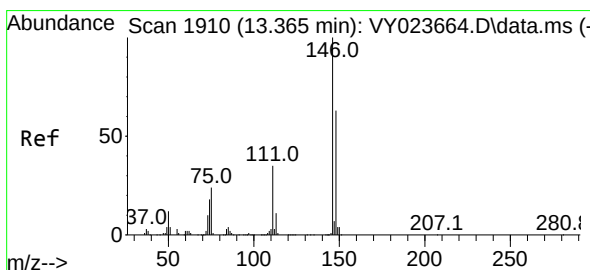
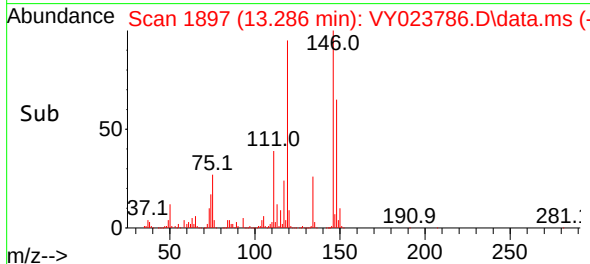
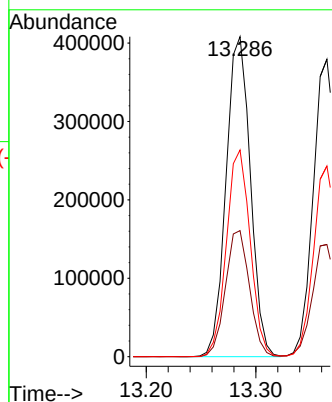
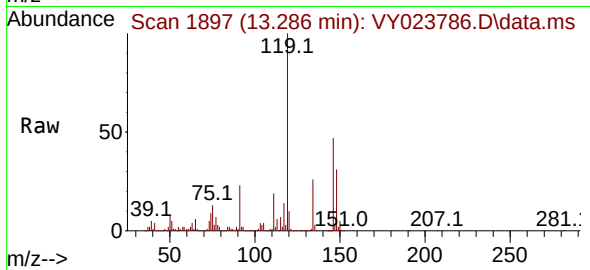
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#88

1,4-Dichlorobenzene

Concen: 50.065 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

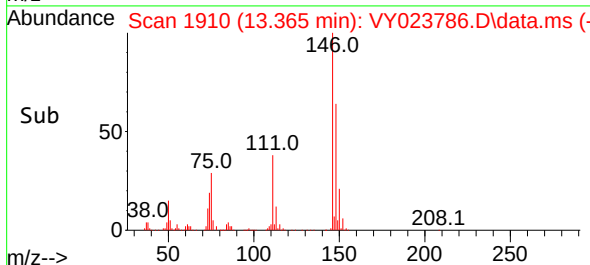
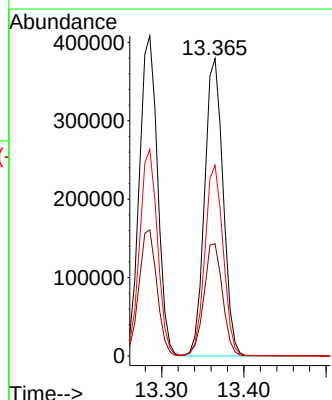
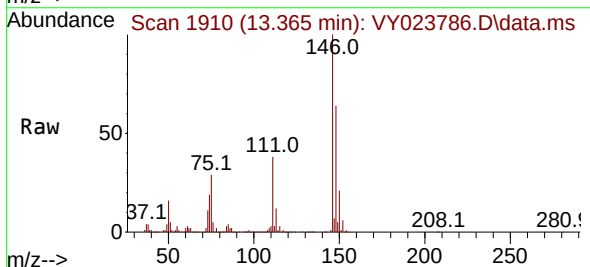
Tgt Ion:146 Resp: 591170

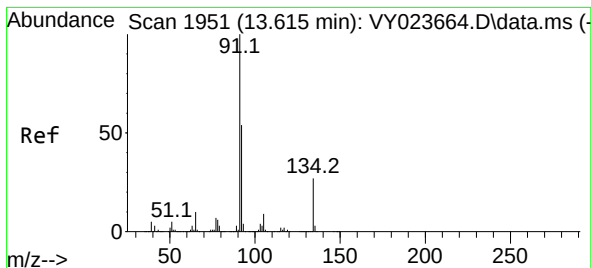
Ion Ratio Lower Upper

146 100

111 37.9 18.3 54.8

148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 58.293 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1078394

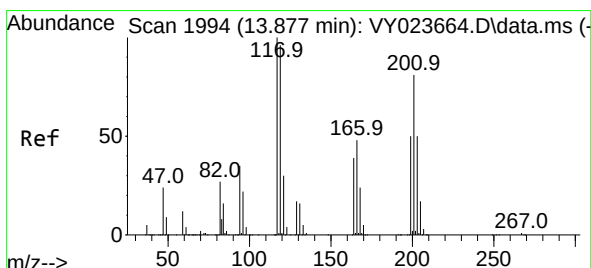
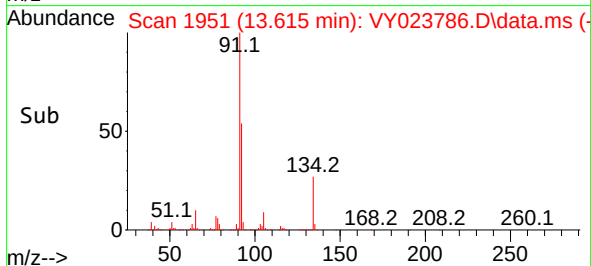
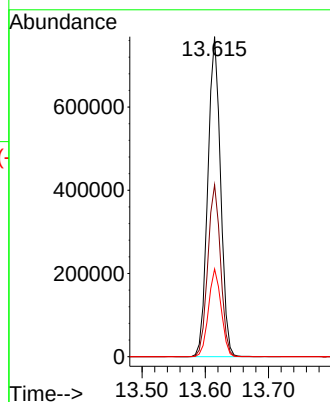
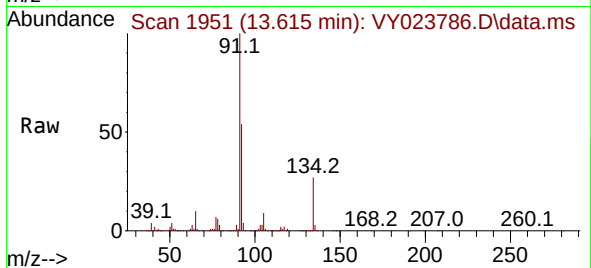
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.5	79.4
134	27.3	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#90

Hexachloroethane

Concen: 54.701 ug/l

RT: 13.877 min Scan# 1994

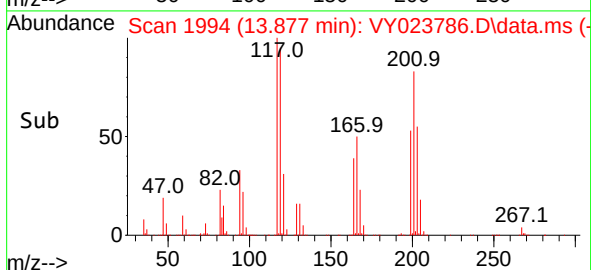
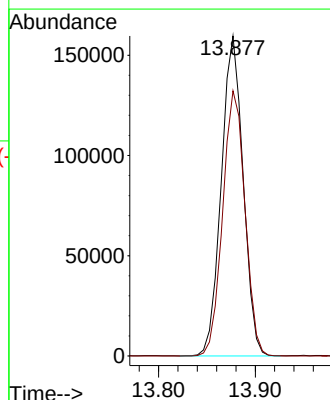
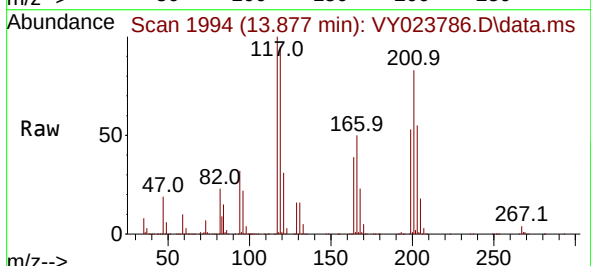
Delta R.T. 0.000 min

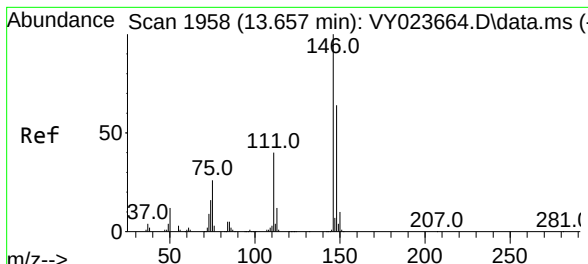
Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Tgt Ion:117 Resp: 250084

Ion	Ratio	Lower	Upper
117	100		
201	84.2	42.3	126.8





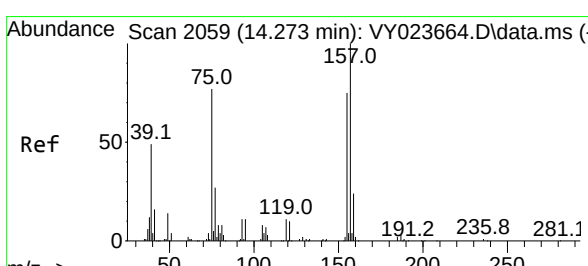
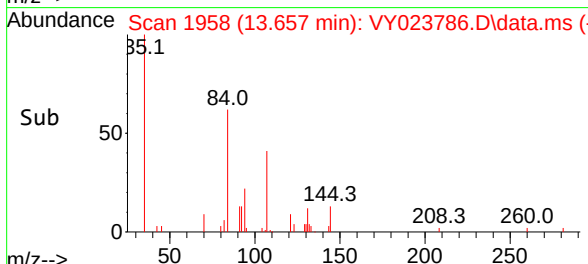
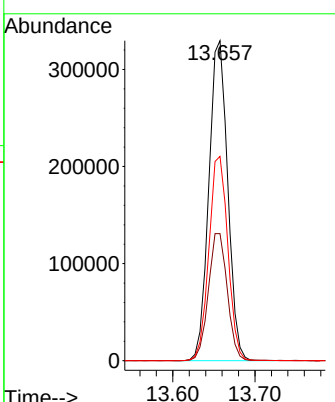
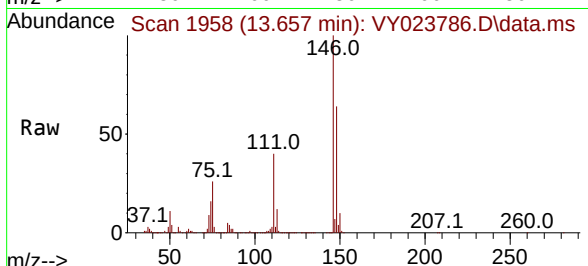
#91
 1,2-Dichlorobenzene
 Concen: 50.647 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25

Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050

Tgt Ion:	146	Resp:	52466
Ion Ratio	Lower	Upper	
146	100		
111	40.1	19.5	58.5
148	64.3	31.9	95.9

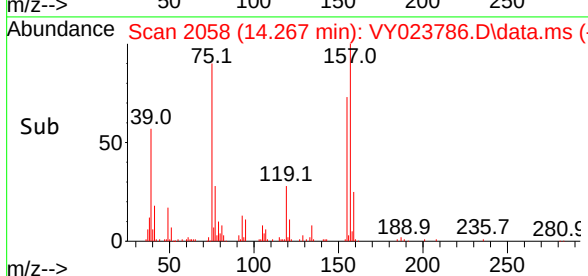
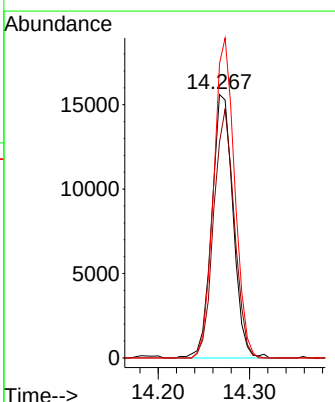
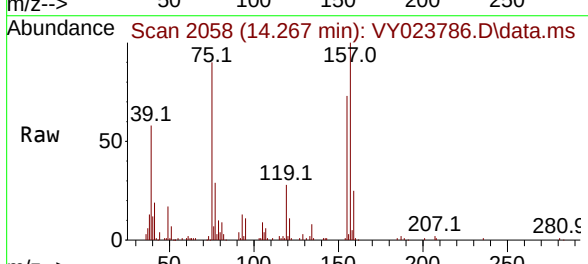
Manual Integrations
 APPROVED

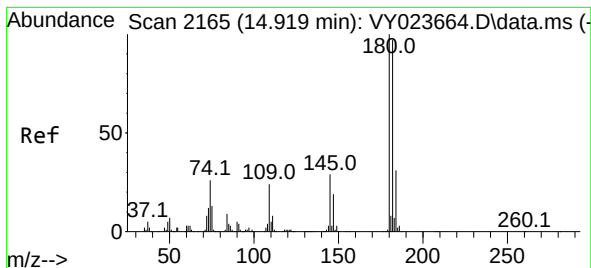
Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.404 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY023786.D
 Acq: 24 Nov 2025 13:25

Tgt Ion:	75	Resp:	25131
Ion Ratio	Lower	Upper	
75	100		
155	91.9	49.4	148.2
157	119.8	63.2	189.8





#93

1,2,4-Trichlorobenzene

Concen: 49.243 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

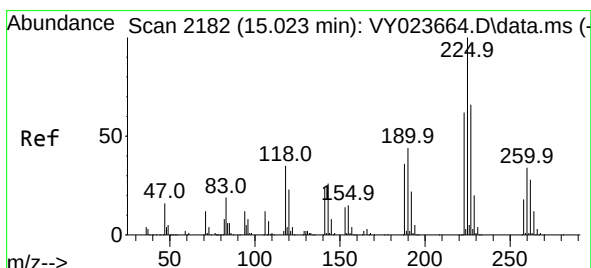
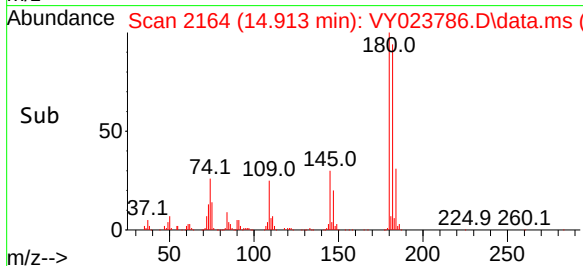
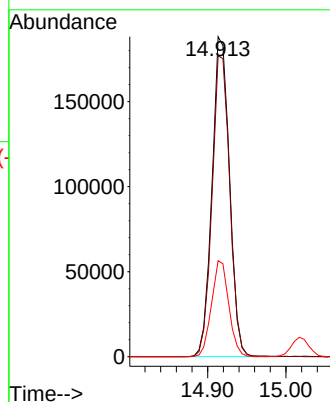
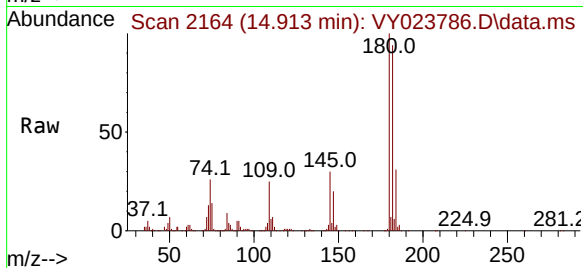
Tgt Ion:	180	Resp:	29178
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.6
145	29.6	14.4	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#94

Hexachlorobutadiene

Concen: 55.938 ug/l

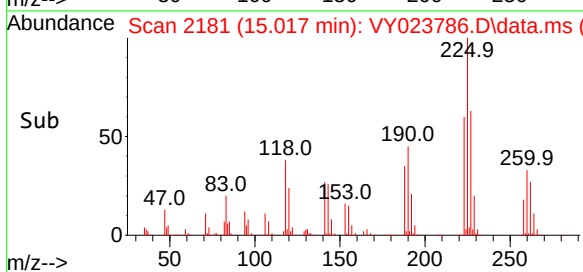
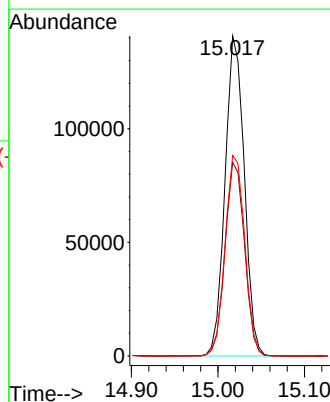
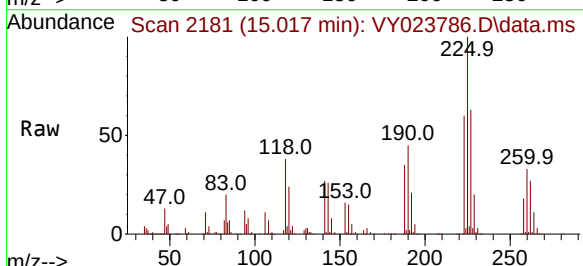
RT: 15.017 min Scan# 2181

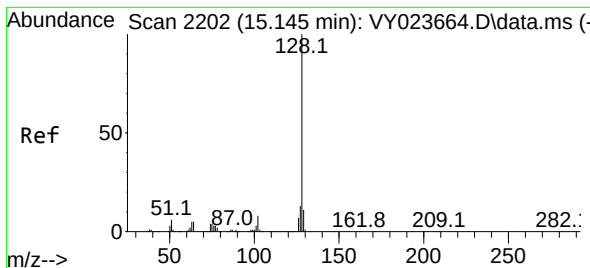
Delta R.T. -0.006 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Tgt Ion:	225	Resp:	217175
Ion Ratio	Lower	Upper	
225	100		
223	61.4	30.8	92.3
227	64.3	32.0	96.2





#95

Naphthalene

Concen: 41.191 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

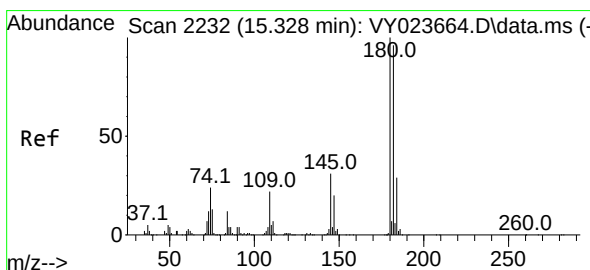
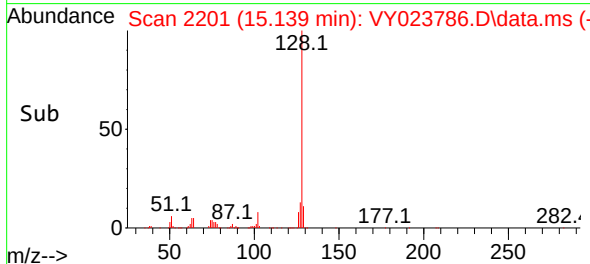
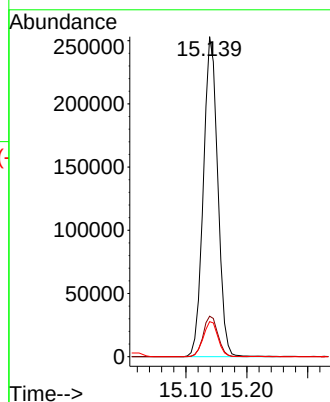
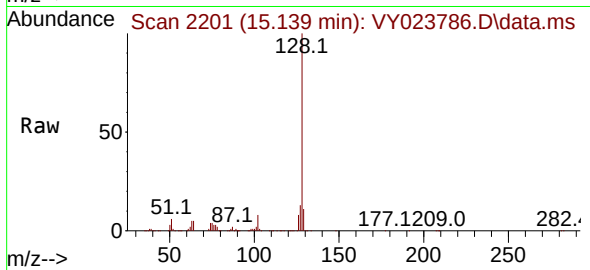
Tgt Ion:	128	Resp:	415969
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Mahesh Dadoda 12/01/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.831 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY023786.D

Acq: 24 Nov 2025 13:25

Tgt Ion:	180	Resp:	246697
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.6
145	31.6	15.5	46.5

