

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
 Data File : VY023598.D
 Acq On : 28 Oct 2025 09:02
 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 :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

Quant Time: Oct 29 06:20:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	477691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	674925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	592275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	309528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	182963	45.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.600%		
35) Dibromofluoromethane	7.634	113	211613	51.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.060%		
50) Toluene-d8	10.109	98	783345	50.721	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.440%		
62) 4-Bromofluorobenzene	12.407	95	258049	50.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	152466	44.343	ug/l	95
3) Chloromethane	2.074	50	210901	45.026	ug/l	99
4) Vinyl Chloride	2.208	62	294178	48.219	ug/l	99
5) Bromomethane	2.598	94	238129	46.512	ug/l	99
6) Chloroethane	2.739	64	216348	52.024	ug/l	98
7) Trichlorofluoromethane	3.062	101	436442	51.523	ug/l	99
8) Diethyl Ether	3.458	74	106398	48.068	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	243480	55.391	ug/l	100
10) Methyl Iodide	4.007	142	293161	59.908	ug/l	100
11) Tert butyl alcohol	4.854	59	59615	200.609	ug/l	100
12) 1,1-Dichloroethene	3.793	96	224552	52.698	ug/l	95
13) Acrolein	3.653	56	20779	49.485	ug/l	97
14) Allyl chloride	4.391	41	271451	52.271	ug/l	99
15) Acrylonitrile	5.055	53	199794	235.861	ug/l	99
16) Acetone	3.866	43	234030	246.096	ug/l	98
17) Carbon Disulfide	4.110	76	599998	49.197	ug/l	99
18) Methyl Acetate	4.391	43	131050	52.534	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	501895	49.007	ug/l	96
20) Methylene Chloride	4.616	84	247852	48.199	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	253703	54.079	ug/l	97
22) Diisopropyl ether	6.024	45	626736	54.560	ug/l	99
23) Vinyl Acetate	5.964	43	1499808	241.218	ug/l	98
24) 1,1-Dichloroethane	5.915	63	423299	55.631	ug/l	99
25) 2-Butanone	6.896	43	257575	221.859	ug/l	98
26) 2,2-Dichloropropane	6.890	77	394847	56.552	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	301393	55.617	ug/l	98
28) Bromochloromethane	7.250	49	131185	46.183	ug/l	98
29) Tetrahydrofuran	7.262	42	142819	216.932	ug/l	99
30) Chloroform	7.421	83	475520	56.880	ug/l	98
31) Cyclohexane	7.701	56	335607	50.505	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	430765	56.700	ug/l	100
36) 1,1-Dichloropropene	7.841	75	317761	57.877	ug/l	100
37) Ethyl Acetate	6.988	43	102179	46.976	ug/l	98
38) Carbon Tetrachloride	7.823	117	388149	58.304	ug/l	99
39) Methylcyclohexane	9.109	83	403407	56.432	ug/l	99
40) Benzene	8.079	78	1008851	58.022	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	59689	50.739	ug/l	93
42) 1,2-Dichloroethane	8.158	62	240719	53.681	ug/l	100
43) Isopropyl Acetate	8.201	43	200983	46.339	ug/l	99
44) Trichloroethene	8.865	130	287584	56.510	ug/l	97
45) 1,2-Dichloropropane	9.146	63	219700	57.207	ug/l	99
46) Dibromomethane	9.231	93	133149	54.829	ug/l	98
47) Bromodichloromethane	9.426	83	354320	57.932	ug/l	99
48) Methyl methacrylate	9.219	41	98527	48.355	ug/l	98
49) 1,4-Dioxane	9.225	88	26009	923.749	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	543036	242.330	ug/l	99
52) Toluene	10.170	92	670944	59.432	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	290372	54.601	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	353475	56.317	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	179070	54.835	ug/l	95
56) Ethyl methacrylate	10.438	69	196059	52.047	ug/l	98
57) 1,3-Dichloropropane	10.719	76	283152	54.718	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	413554	245.069	ug/l	100
59) 2-Hexanone	10.761	43	382011	238.542	ug/l	100
60) Dibromochloromethane	10.914	129	254730	55.636	ug/l	100
61) 1,2-Dibromoethane	11.018	107	166958	53.608	ug/l	100
64) Tetrachloroethene	10.646	164	355189	58.080	ug/l	98
65) Chlorobenzene	11.444	112	737827	57.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	265838	57.911	ug/l	99
67) Ethyl Benzene	11.517	91	1254123	60.145	ug/l	100
68) m/p-Xylenes	11.627	106	1001078	119.696	ug/l	98
69) o-Xylene	11.956	106	465090	59.287	ug/l	100
70) Styrene	11.969	104	773893	59.990	ug/l	100
71) Bromoform	12.133	173	149564	52.526	ug/l #	98
73) Isopropylbenzene	12.255	105	1242443	60.909	ug/l	99
74) N-amyl acetate	12.072	43	171181	46.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	170217	51.020	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	127666m	46.749	ug/l	
77) Bromobenzene	12.529	156	302602	55.801	ug/l	99
78) n-propylbenzene	12.596	91	1450223	61.437	ug/l	100
79) 2-Chlorotoluene	12.682	91	819953	59.318	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1007981	61.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	54323	48.780	ug/l	97
82) 4-Chlorotoluene	12.773	91	840070	59.010	ug/l	100
83) tert-Butylbenzene	12.999	119	927474	60.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	999176	60.739	ug/l	99
85) sec-Butylbenzene	13.176	105	1349280	61.804	ug/l	99
86) p-Isopropyltoluene	13.291	119	1147771	61.748	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	604687	57.261	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	581837	55.787	ug/l	100
89) n-Butylbenzene	13.615	91	1004621	62.027	ug/l	99
90) Hexachloroethane	13.877	117	235053	58.793	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	517601	55.907	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24105	44.034	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	312170	54.085	ug/l	98
94) Hexachlorobutadiene	15.023	225	211839	58.878	ug/l	100
95) Naphthalene	15.145	128	437252	47.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	260982	52.202	ug/l	99

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

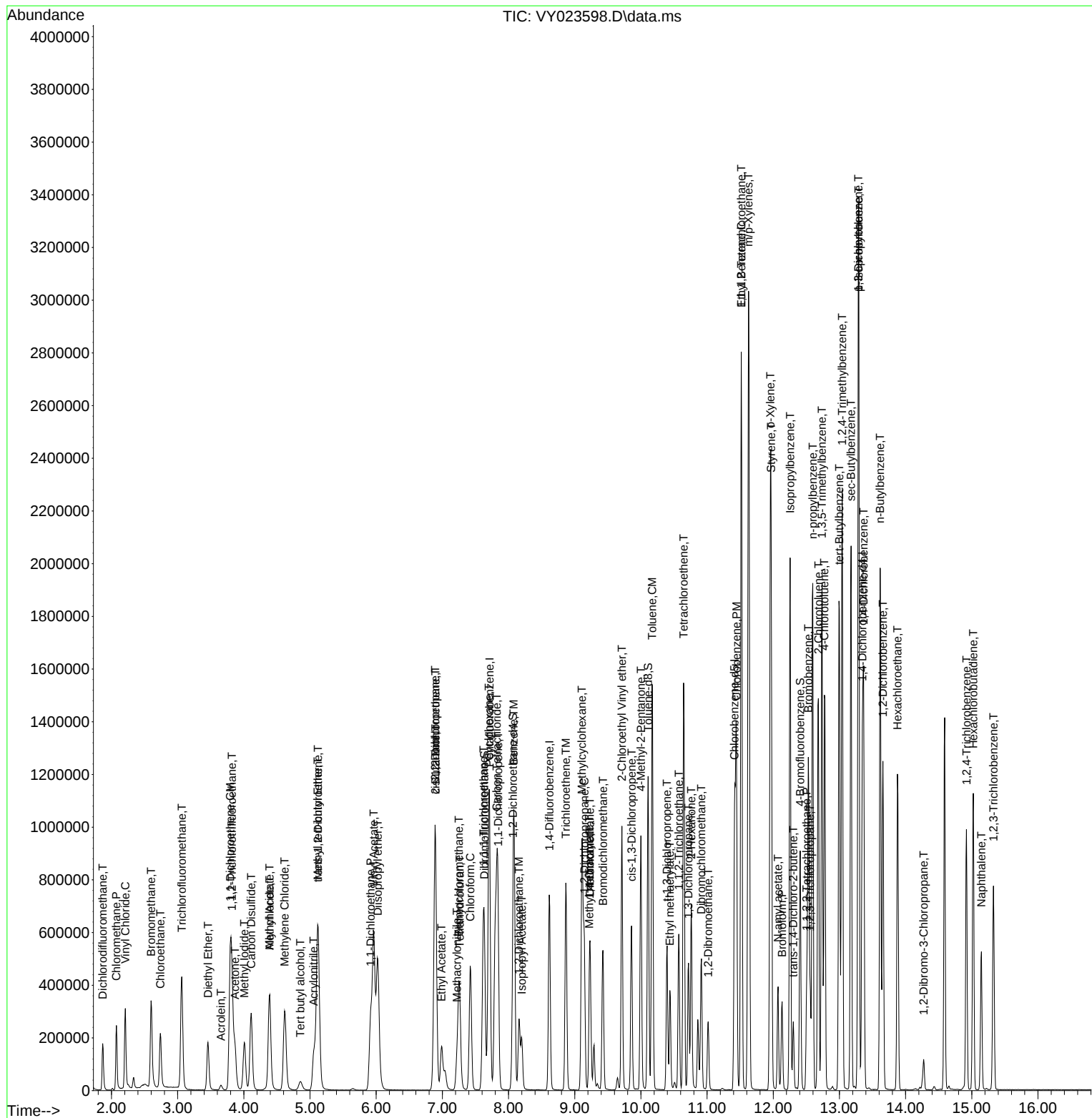
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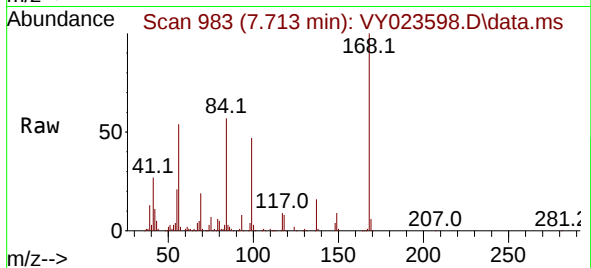
Reviewed By :Amit Patel 10/29/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

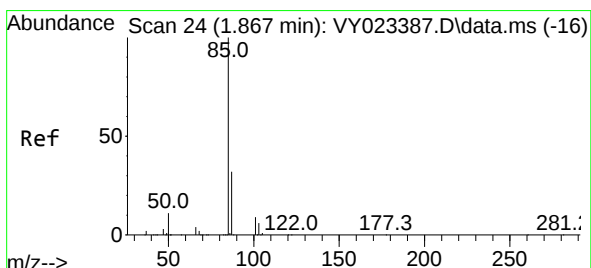
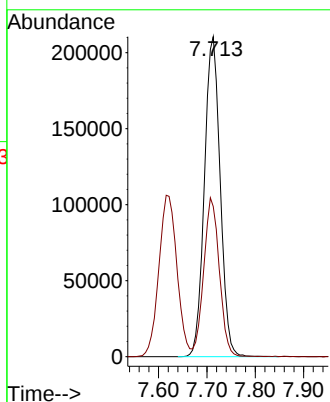
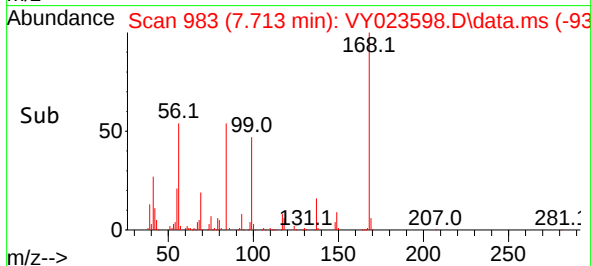
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 47769
Ion Ratio Lower Upper
168 100
99 46.9 39.7 59.5

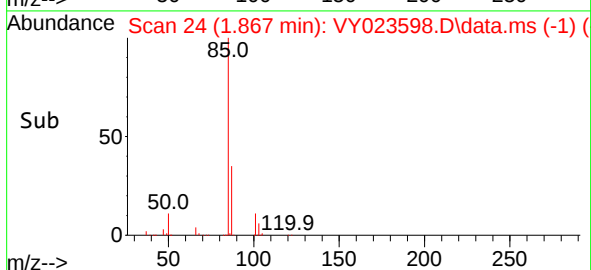
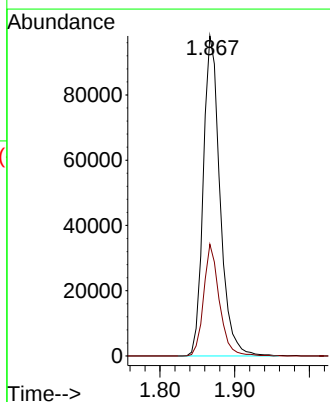
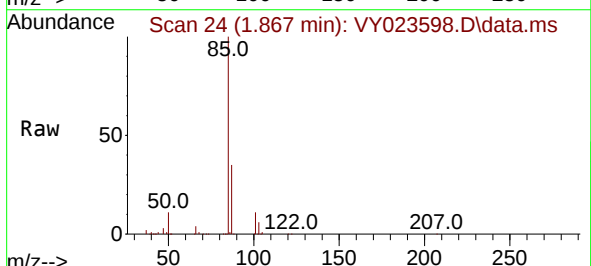
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 44.343 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

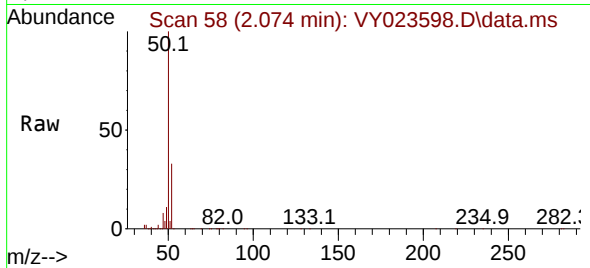
Tgt Ion: 85 Resp: 152466
Ion Ratio Lower Upper
85 100
87 34.9 16.0 47.9





#3
Chloromethane
Concen: 45.026 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

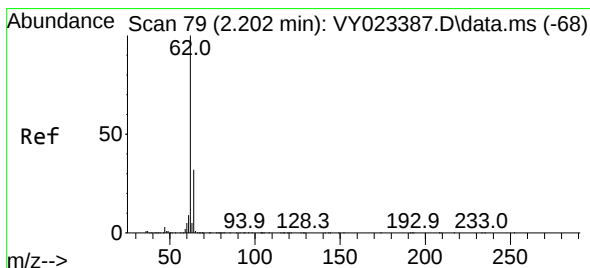
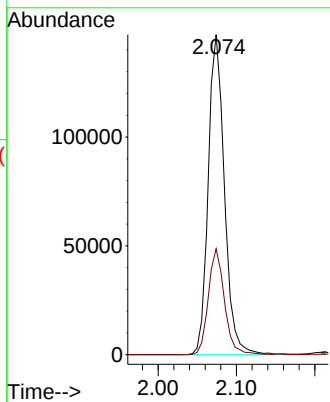
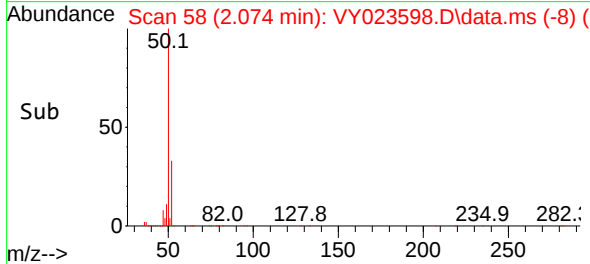
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 21090
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

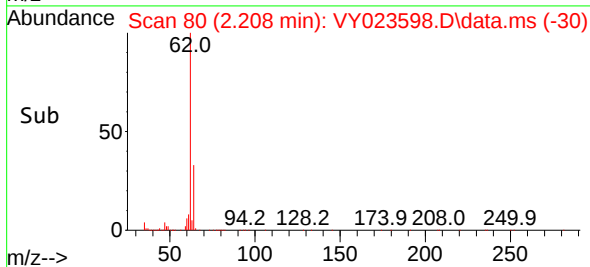
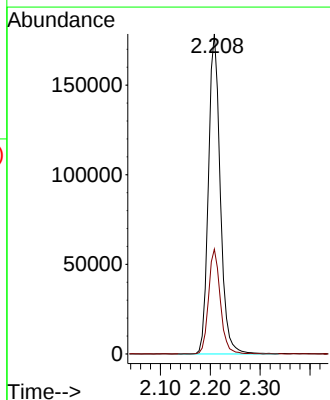
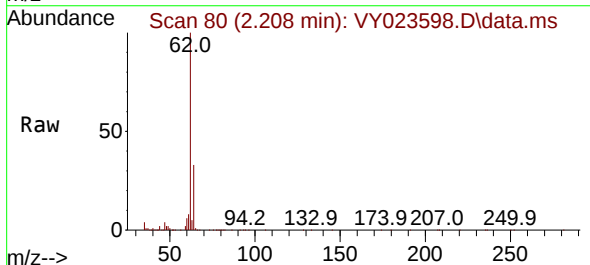
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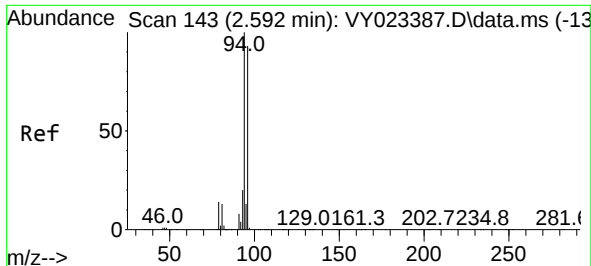
Reviewed By :Amit Patel 10/29/2025
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#4
Vinyl Chloride
Concen: 48.219 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

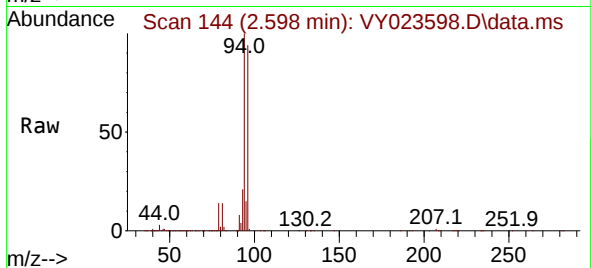
Tgt Ion: 62 Resp: 294178
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





#5
Bromomethane
Concen: 46.512 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

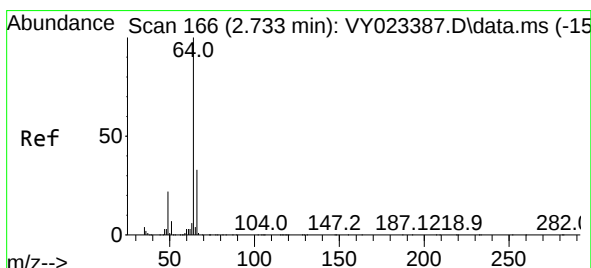
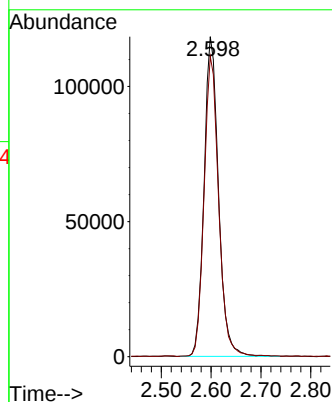
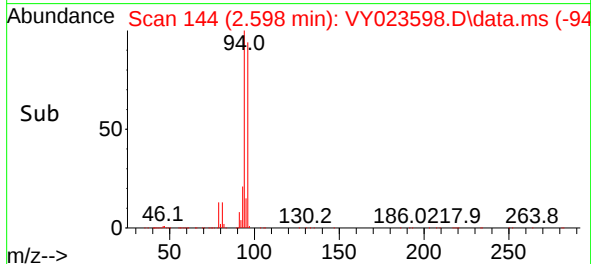
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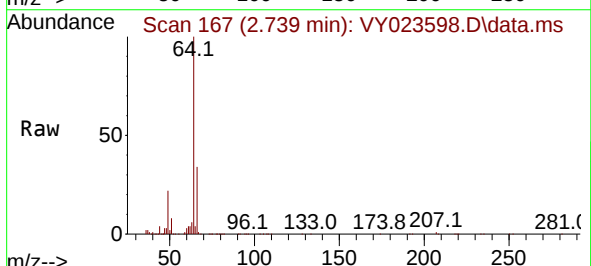
Tgt Ion: 94 Resp: 238129
Ion Ratio Lower Upper
94 100
96 93.7 74.5 111.7

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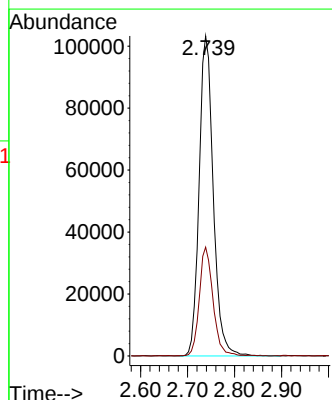
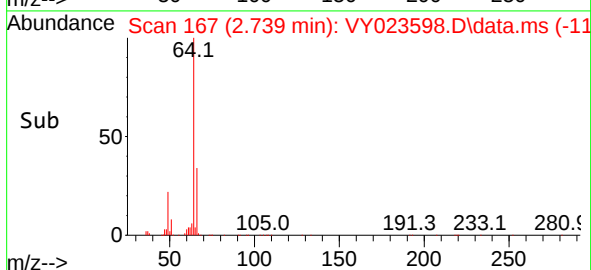
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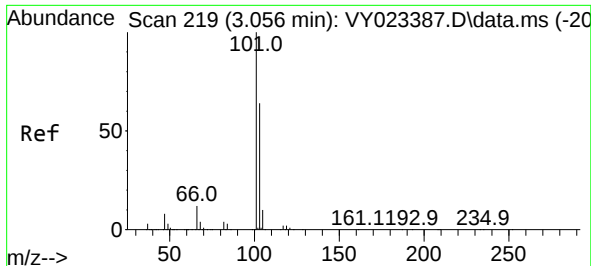


#6
Chloroethane
Concen: 52.024 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion: 64 Resp: 216348
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4





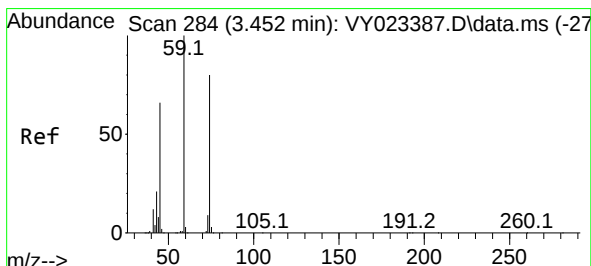
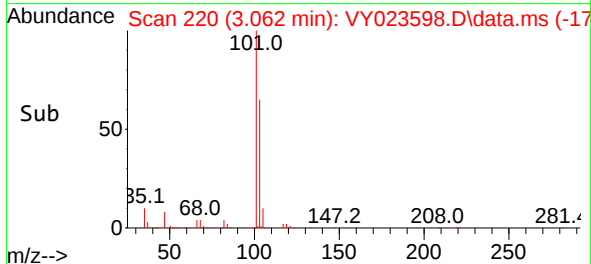
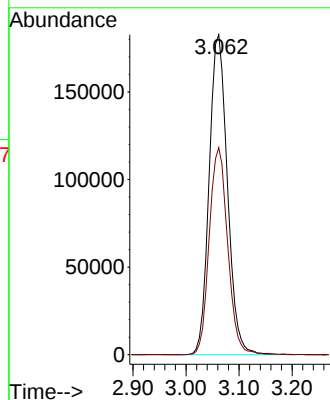
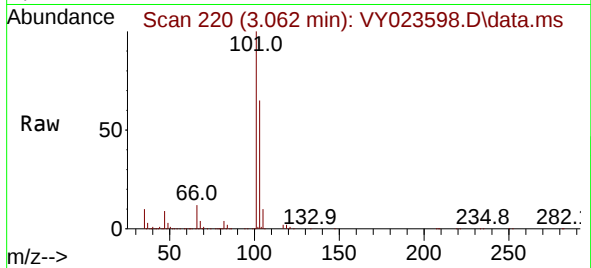
#7
Trichlorofluoromethane
Concen: 51.523 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 43644
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9

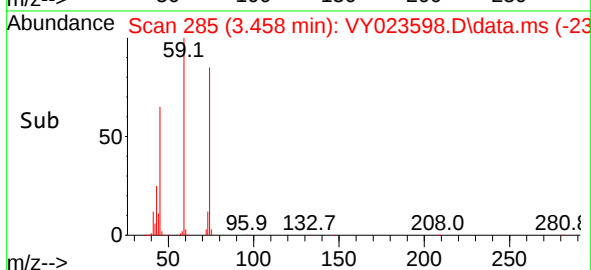
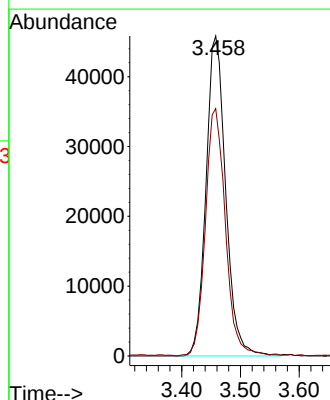
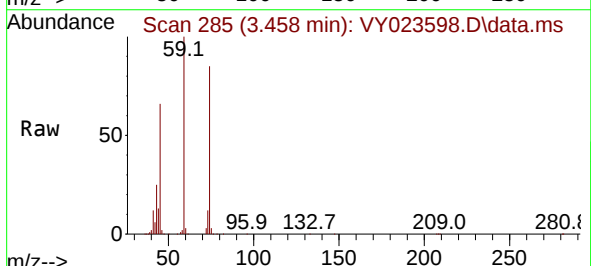
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#8
Diethyl Ether
Concen: 48.068 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

Tgt Ion: 74 Resp: 106398
Ion Ratio Lower Upper
74 100
45 78.7 39.9 119.7





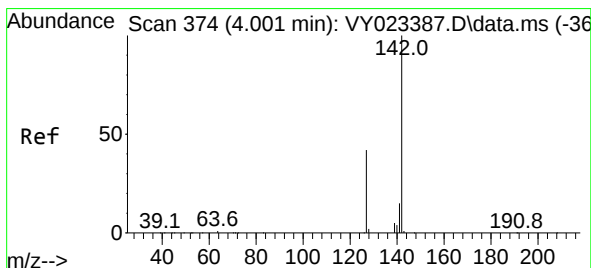
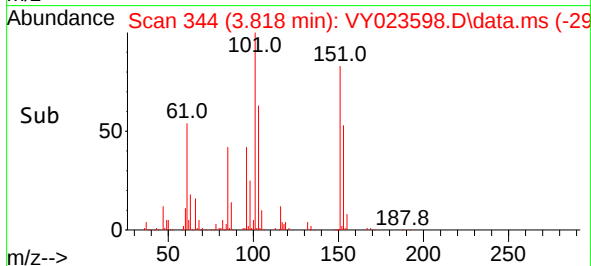
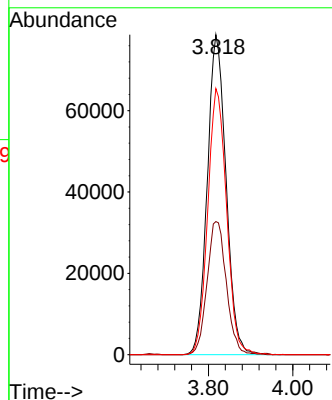
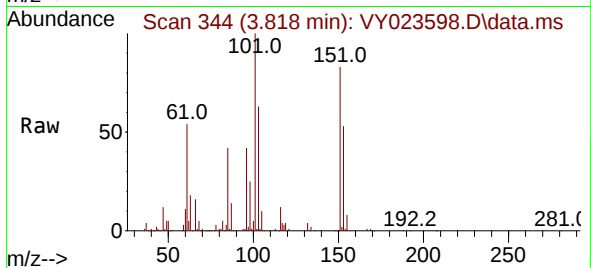
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.391 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 243480
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 83.4 67.0 100.6

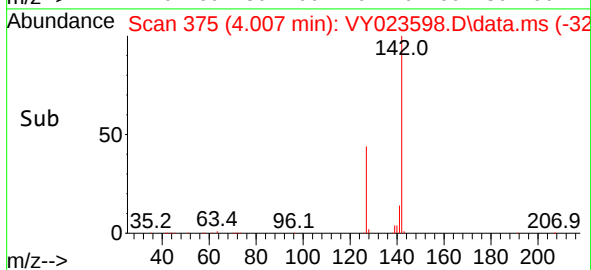
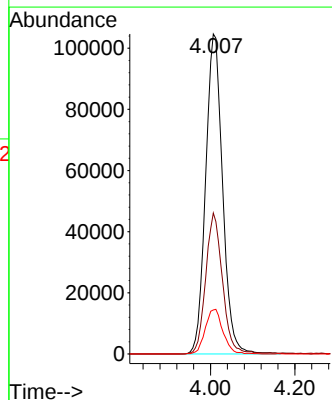
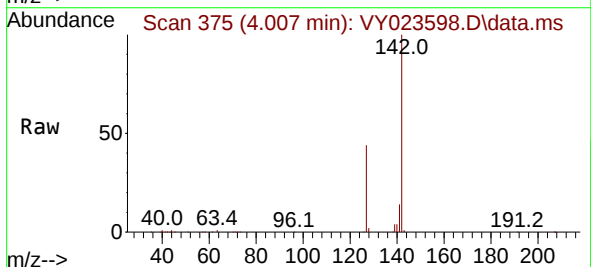
Manual Integrations
APPROVED

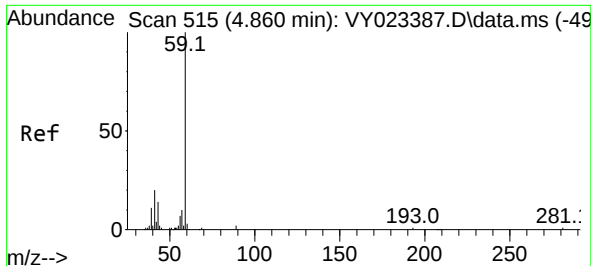
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 59.908 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

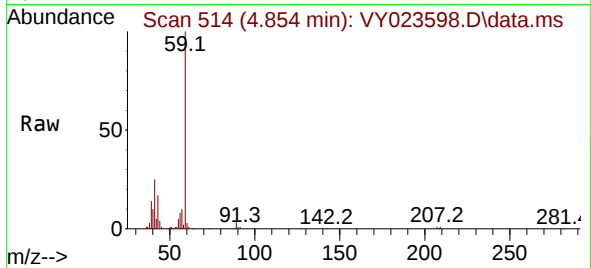
Tgt Ion:142 Resp: 293161
Ion Ratio Lower Upper
142 100
127 43.5 34.8 52.2
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 200.609 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

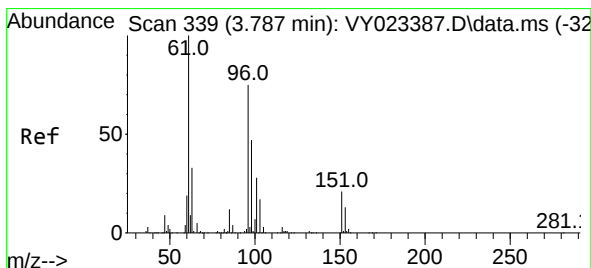
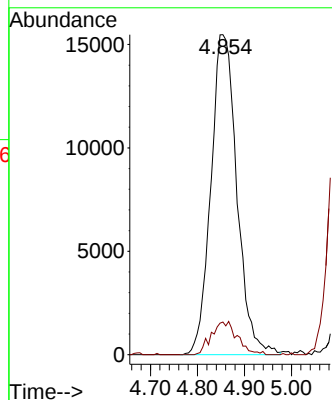
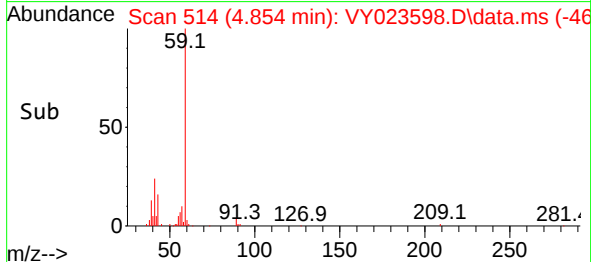
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 59615
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

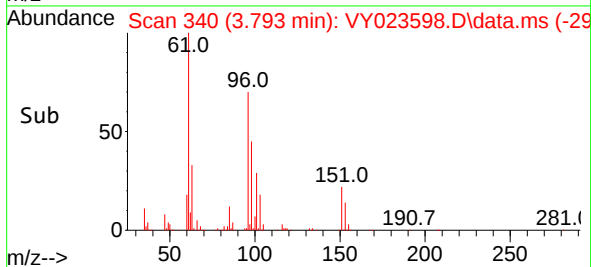
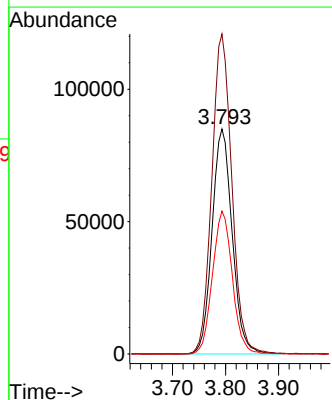
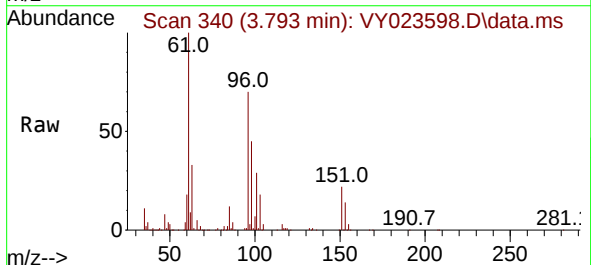
Manual Integrations
APPROVED

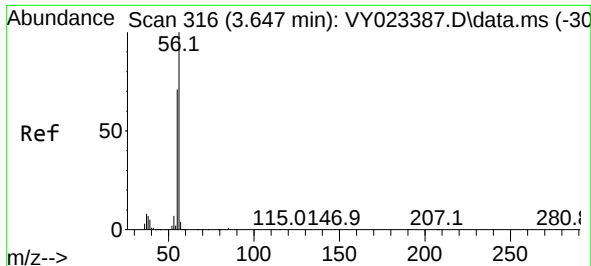
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#12
1,1-Dichloroethene
Concen: 52.698 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

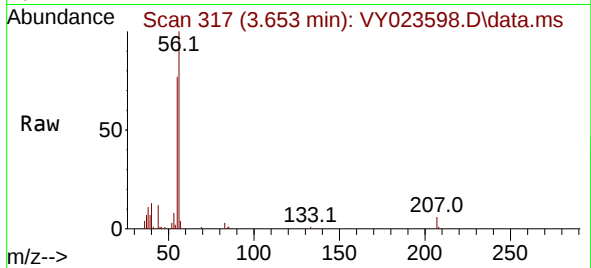
Tgt Ion: 96 Resp: 224552
Ion Ratio Lower Upper
96 100
61 142.2 106.7 160.1
98 63.5 50.2 75.4





#13
Acrolein
Concen: 49.485 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

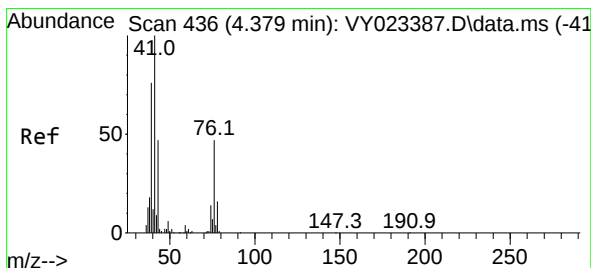
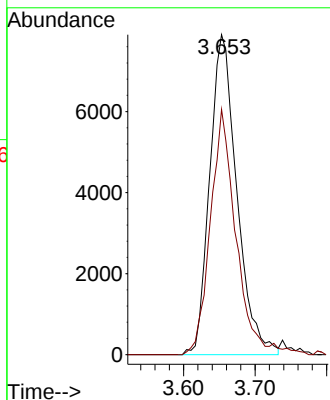
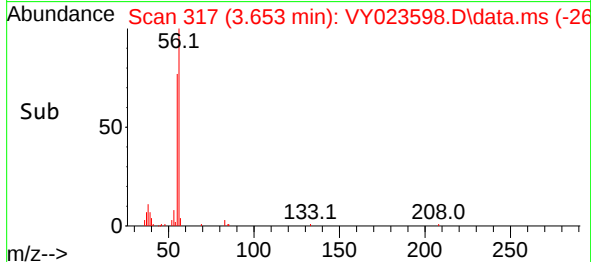
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20779
Ion Ratio Lower Upper
56 100
55 72.8 56.1 84.1

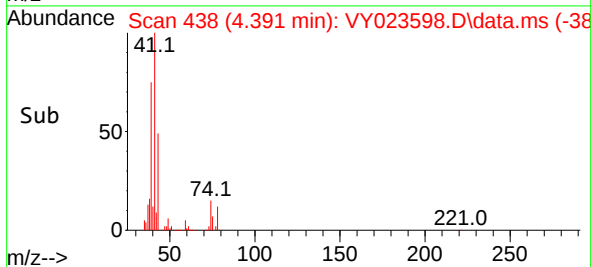
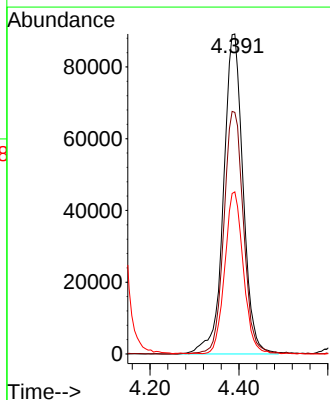
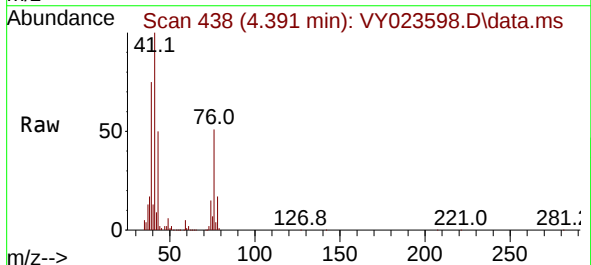
Manual Integrations
APPROVED

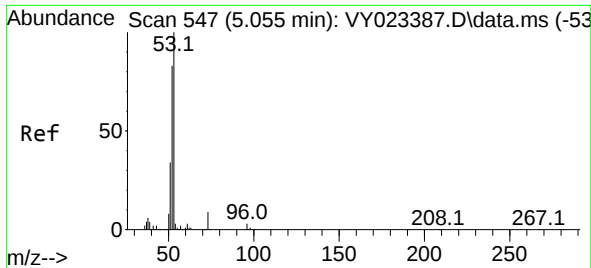
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 52.271 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

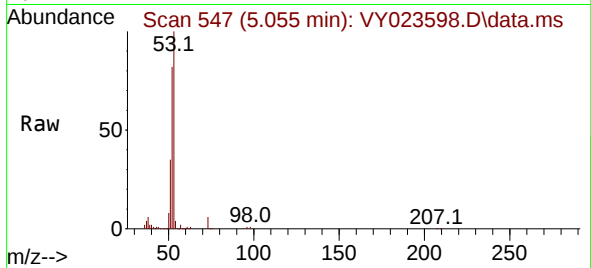
Tgt Ion: 41 Resp: 271451
Ion Ratio Lower Upper
41 100
39 76.1 59.9 89.9
76 47.9 38.0 57.0





#15
Acrylonitrile
Concen: 235.861 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

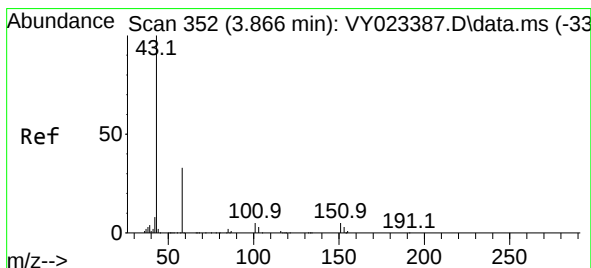
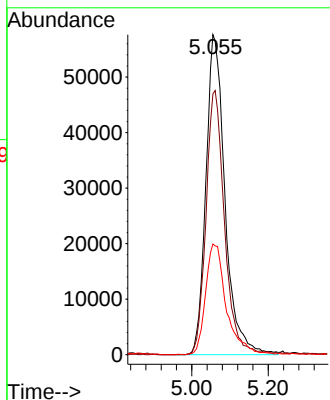
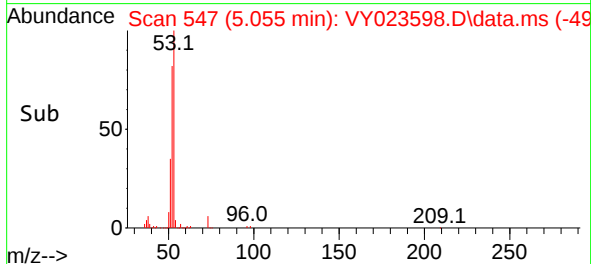
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



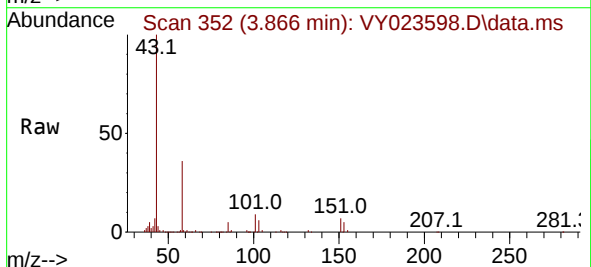
Tgt Ion: 53 Resp: 199794
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 37.6 29.5 44.3

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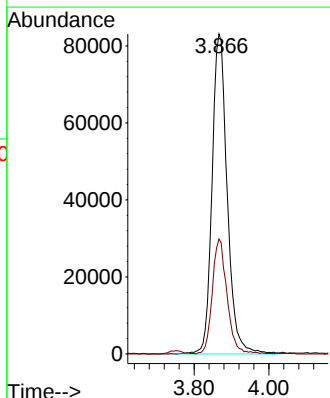
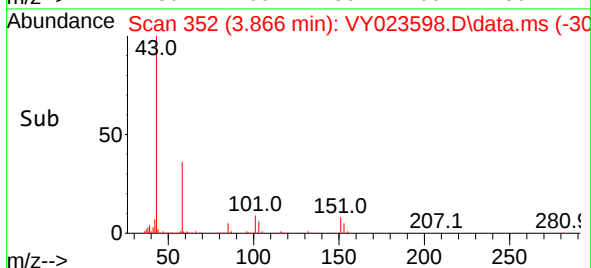
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

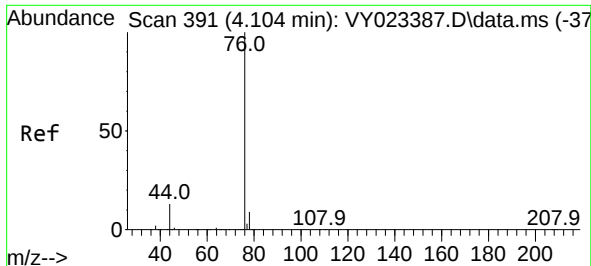


#16
Acetone
Concen: 246.096 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



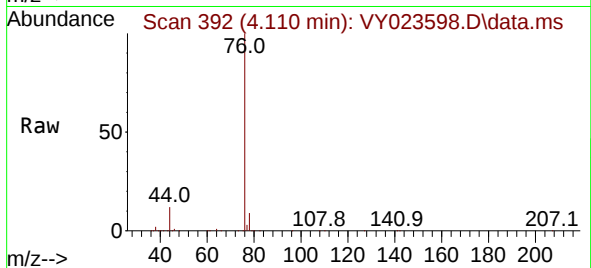
Tgt Ion: 43 Resp: 234030
Ion Ratio Lower Upper
43 100
58 35.8 27.7 41.5





#17
Carbon Disulfide
Concen: 49.197 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

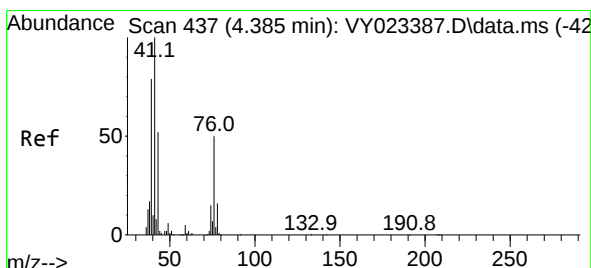
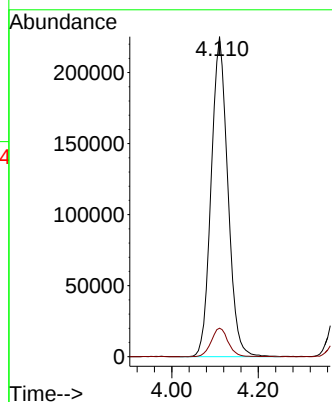
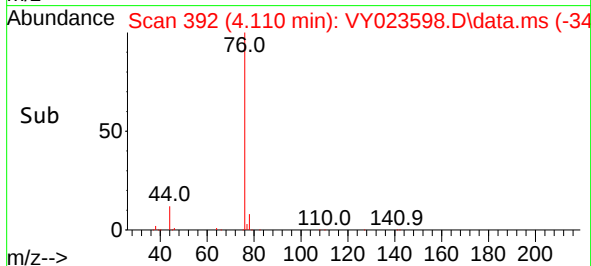
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 599998
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

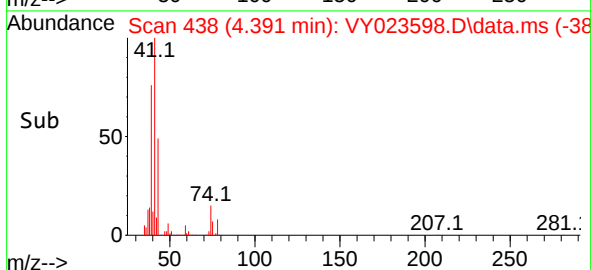
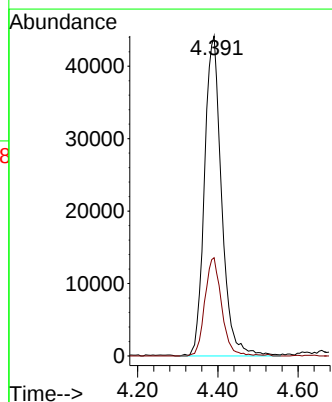
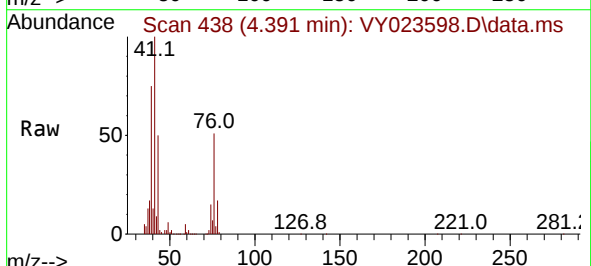
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 52.534 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

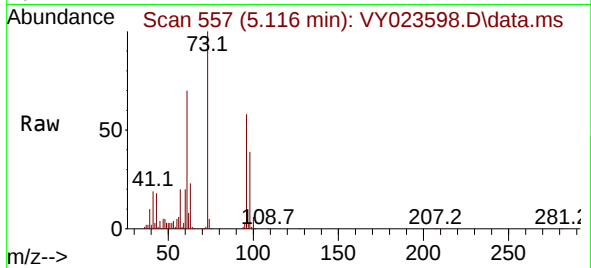
Tgt Ion: 43 Resp: 131050
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 49.007 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

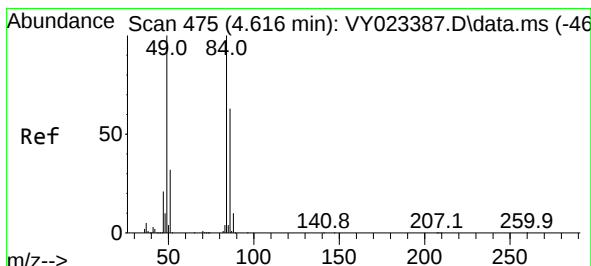
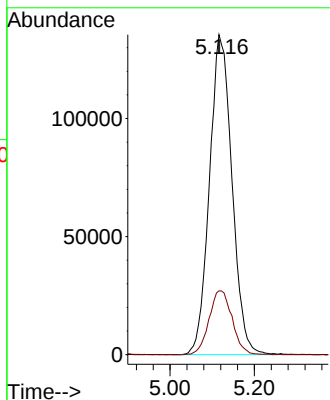
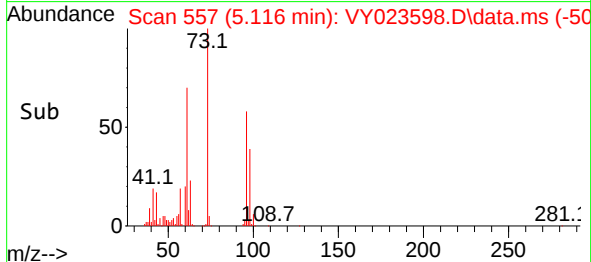
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 50189
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0

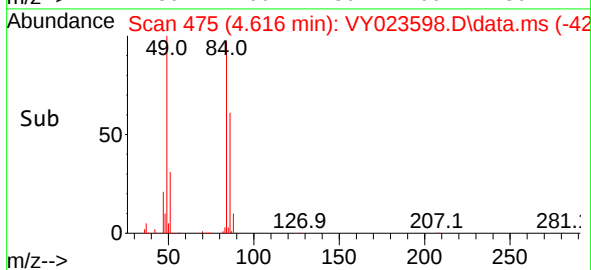
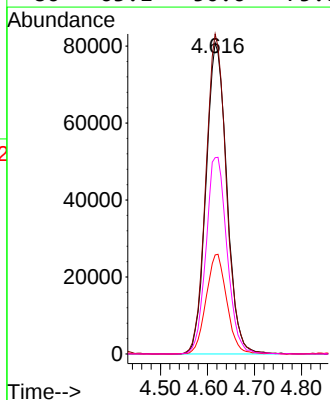
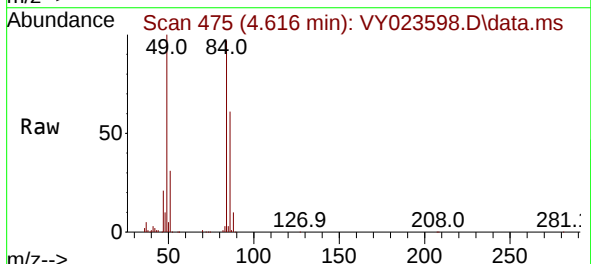
Manual Integrations
APPROVED

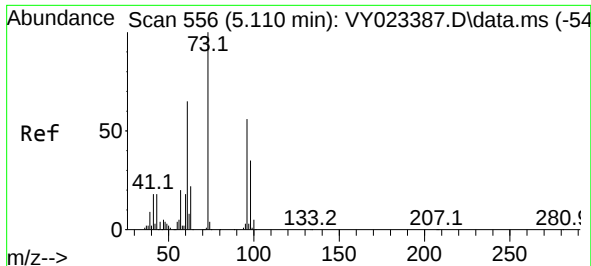
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#20
Methylene Chloride
Concen: 48.199 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

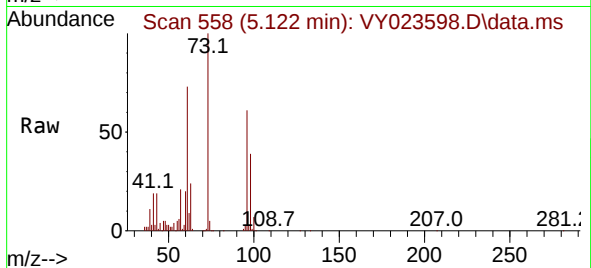
Tgt Ion: 84 Resp: 247852
Ion Ratio Lower Upper
84 100
49 102.8 80.2 120.4
51 31.7 25.9 38.9
86 63.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 54.079 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

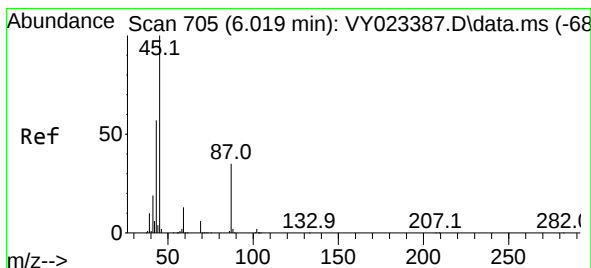
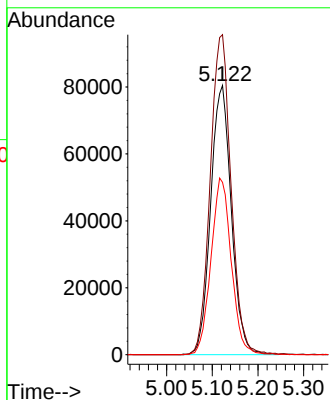
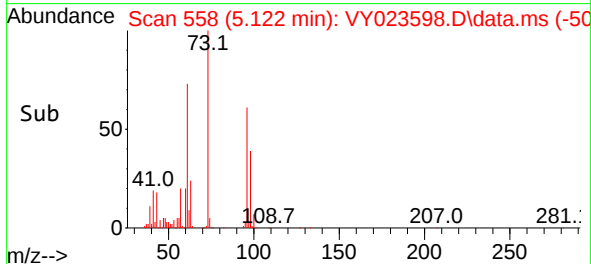
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



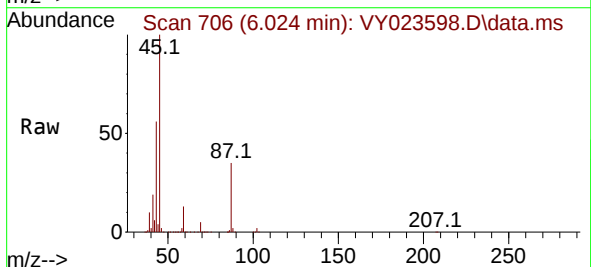
Tgt Ion: 96 Resp: 25370
Ion Ratio Lower Upper
96 100
61 118.9 92.7 139.1
98 64.0 49.7 74.5

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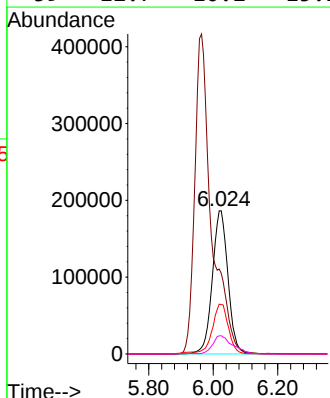
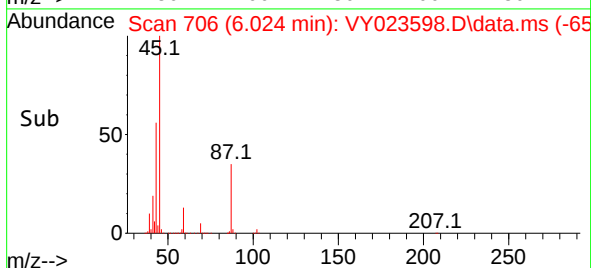
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

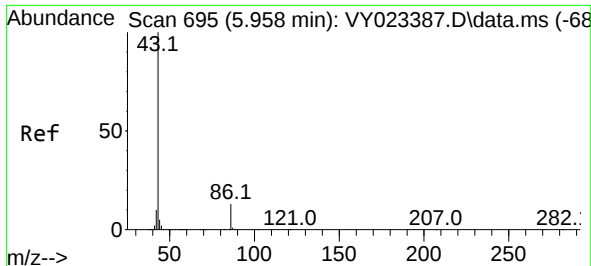


#22
Diisopropyl ether
Concen: 54.560 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



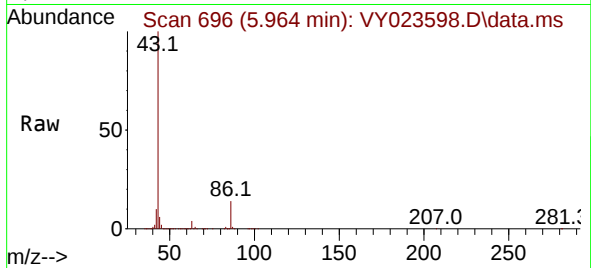
Tgt Ion: 45 Resp: 626736
Ion Ratio Lower Upper
45 100
43 56.2 45.6 68.4
87 34.5 28.1 42.1
59 12.7 10.2 15.2





#23
 Vinyl Acetate
 Concen: 241.218 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02

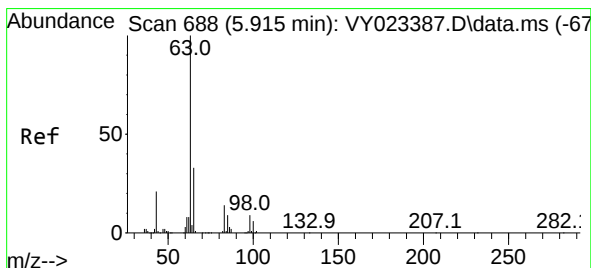
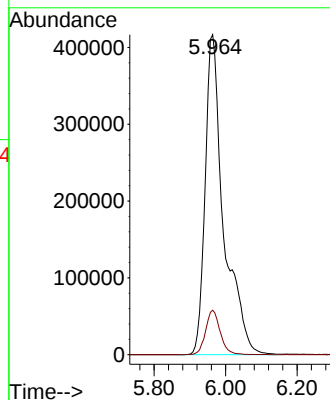
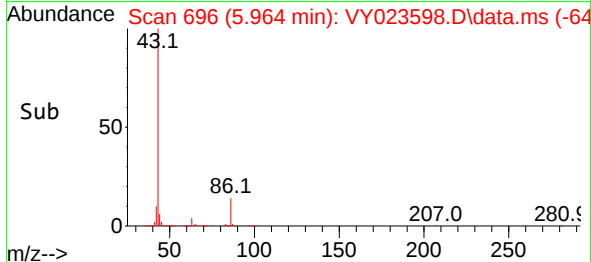
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



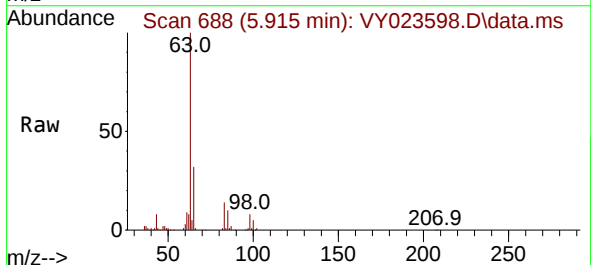
Tgt Ion: 43 Resp: 1499808
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8

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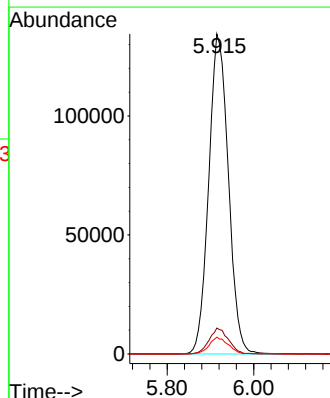
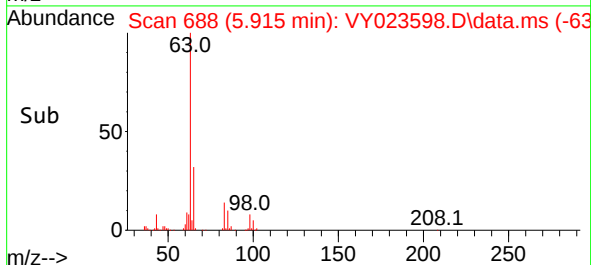
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

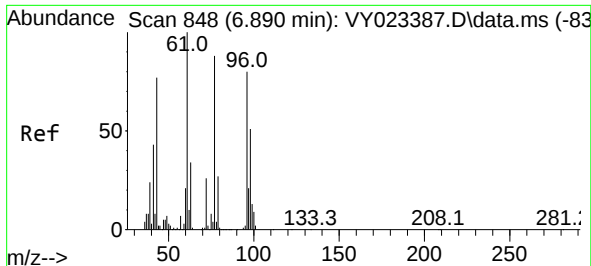


#24
 1,1-Dichloroethane
 Concen: 55.631 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02



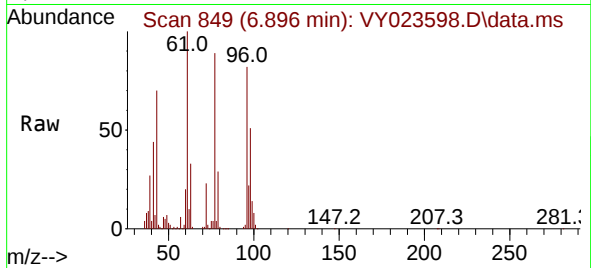
Tgt Ion: 63 Resp: 423299
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 13.1
 100 5.3 2.8 8.4





#25
2-Butanone
Concen: 221.859 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

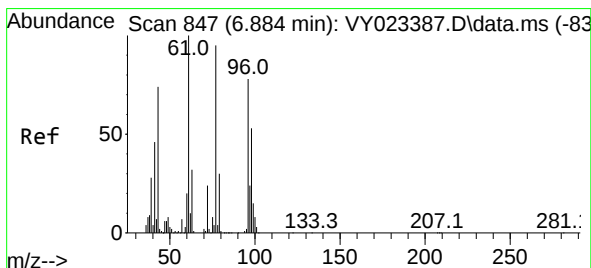
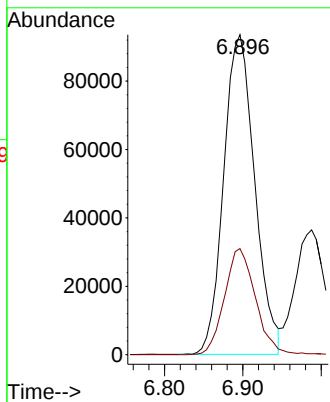
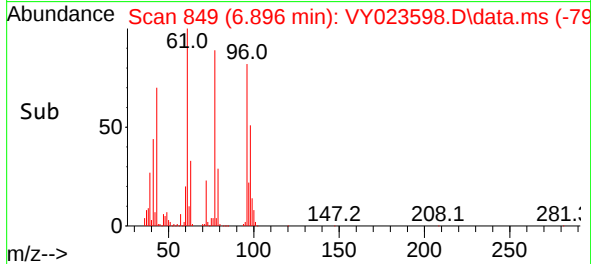
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



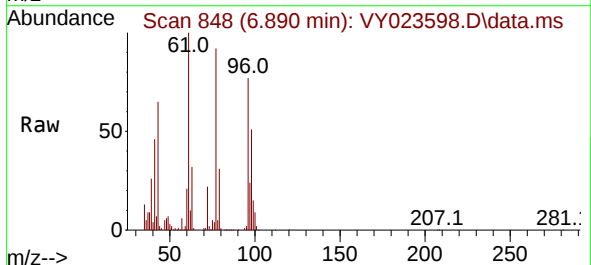
Tgt Ion: 43 Resp: 257579
Ion Ratio Lower Upper
43 100
72 33.2 27.4 41.2

Manual Integrations
APPROVED

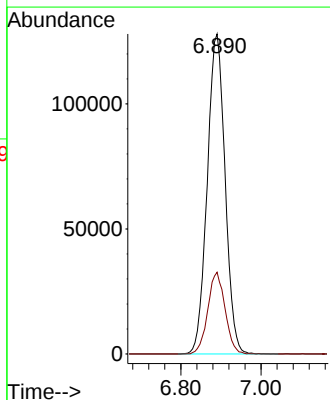
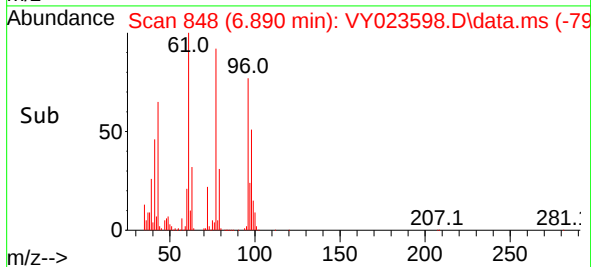
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

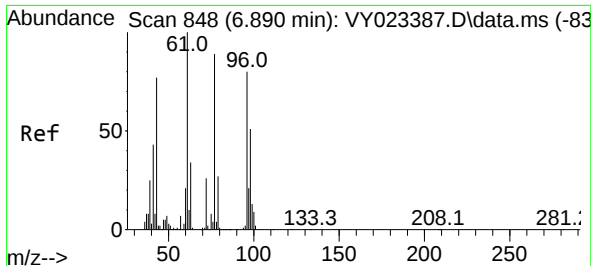


#26
2,2-Dichloropropane
Concen: 56.552 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



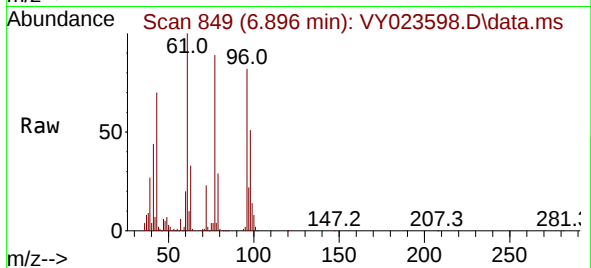
Tgt Ion: 77 Resp: 394847
Ion Ratio Lower Upper
77 100
97 24.7 12.1 36.3





#27
 cis-1,2-Dichloroethene
 Concen: 55.617 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02

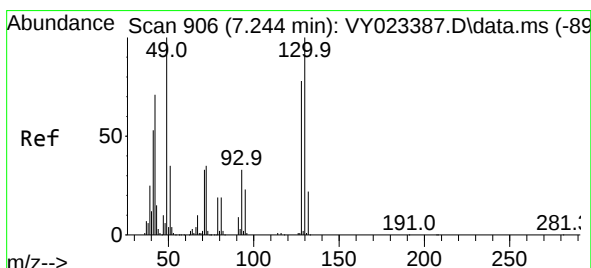
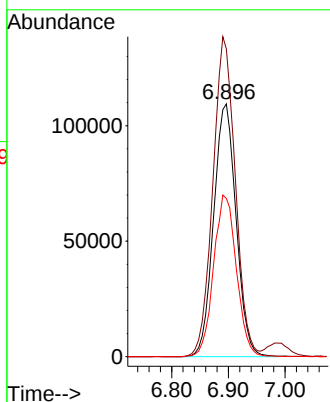
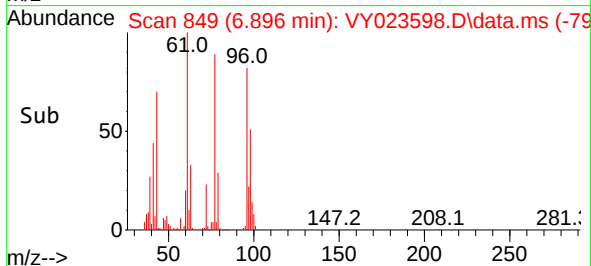
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



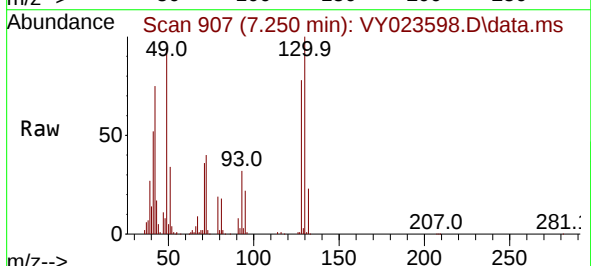
Tgt Ion: 96 Resp: 30139
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 258.2
 98 64.8 0.0 132.0

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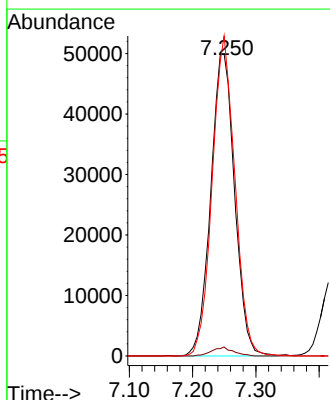
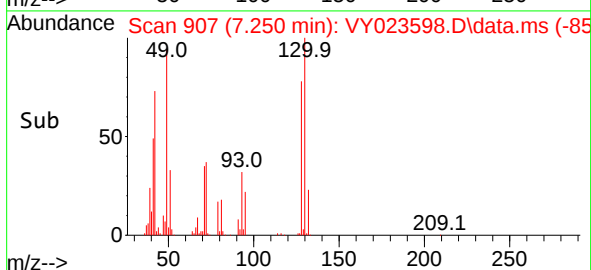
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

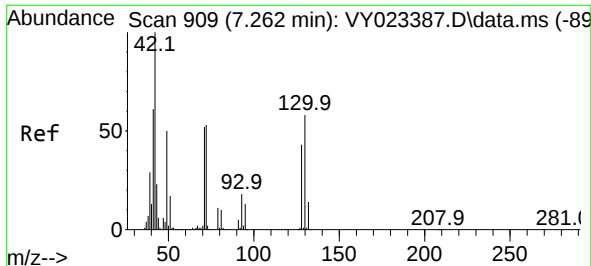


#28
 Bromochloromethane
 Concen: 46.183 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02



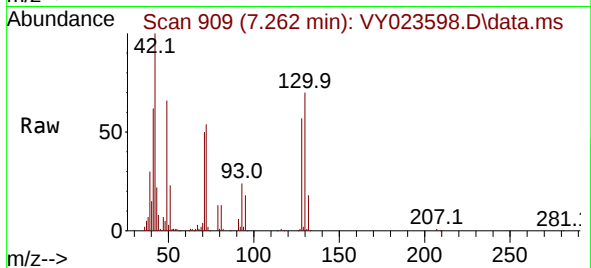
Tgt Ion: 49 Resp: 131185
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 100.3 81.9 122.9





#29
Tetrahydrofuran
Concen: 216.932 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

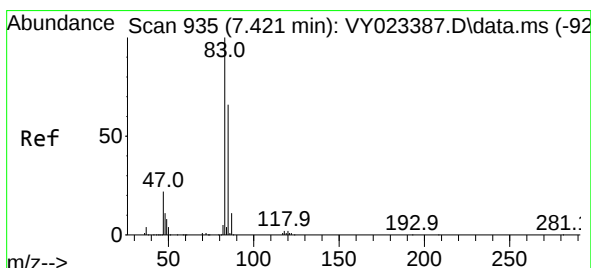
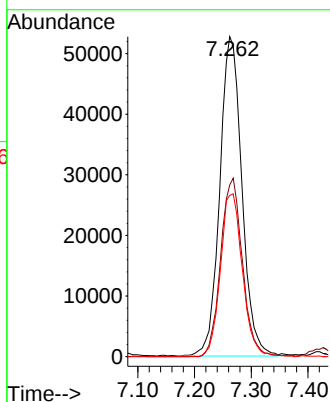
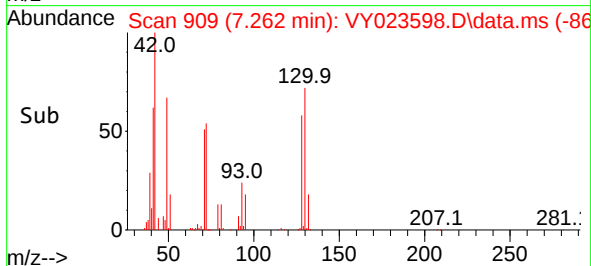
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



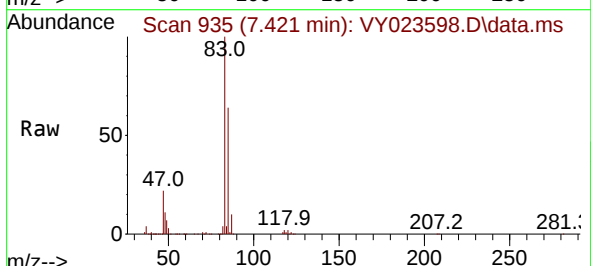
Tgt Ion: 42 Resp: 142819
Ion Ratio Lower Upper
42 100
72 54.9 43.0 64.6
71 50.7 40.1 60.1

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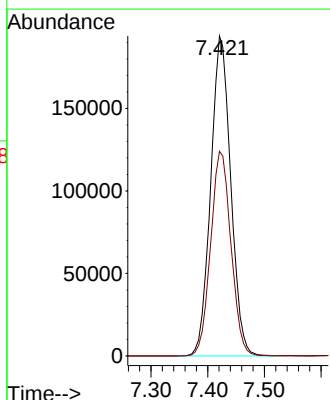
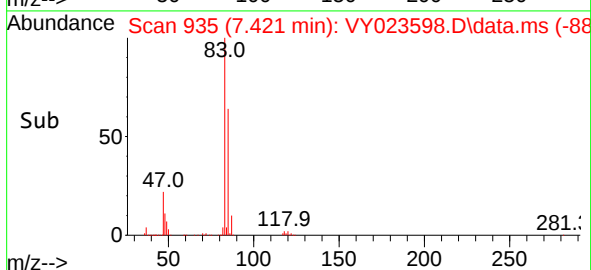
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

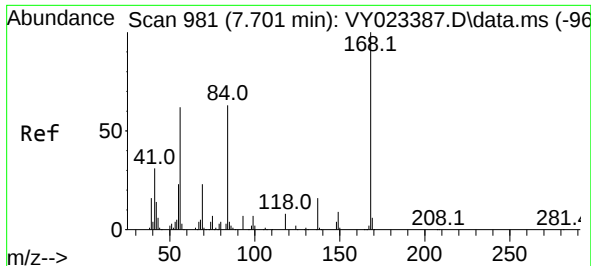


#30
Chloroform
Concen: 56.880 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



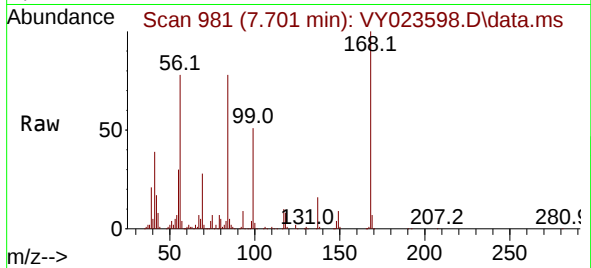
Tgt Ion: 83 Resp: 475520
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7





#31
Cyclohexane
Concen: 50.505 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

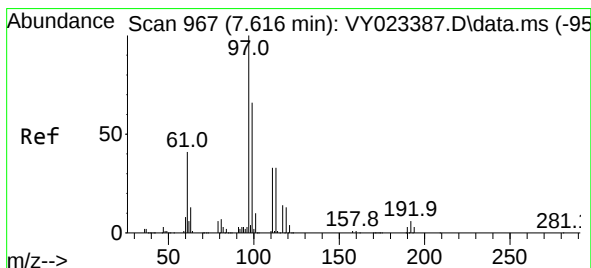
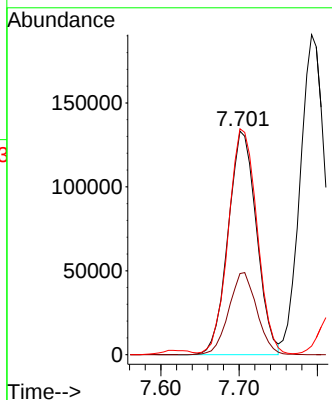
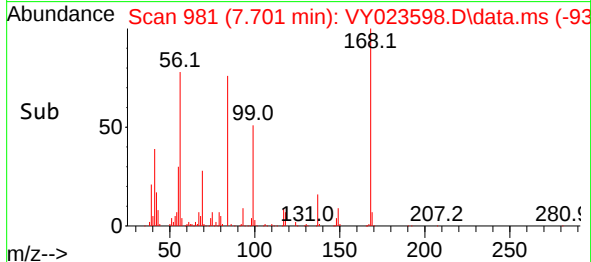
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



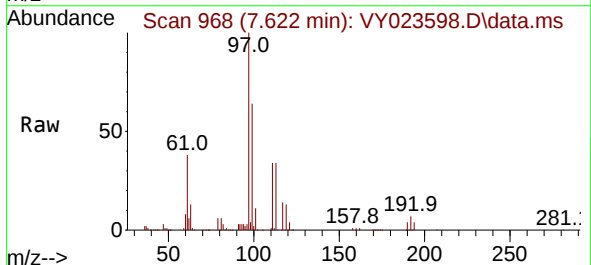
Tgt Ion: 56 Resp: 33560
Ion Ratio Lower Upper
56 100
69 36.3 30.0 45.0
84 99.3 81.2 121.8

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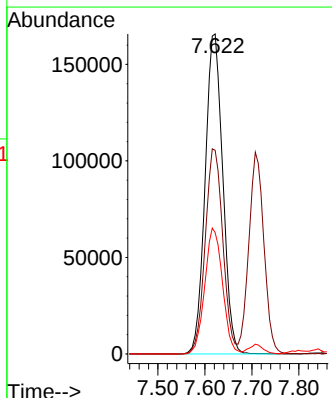
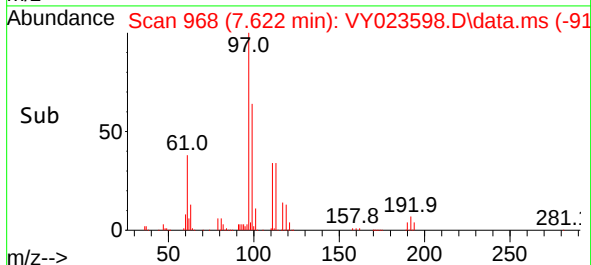
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

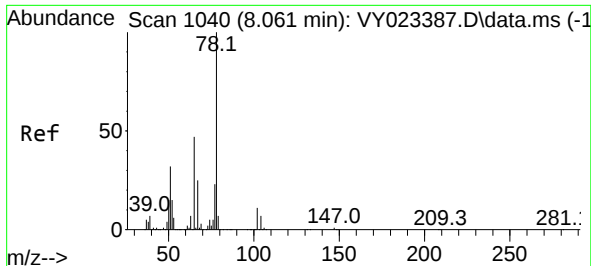


#32
1,1,1-Trichloroethane
Concen: 56.700 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion: 97 Resp: 430765
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 39.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.803 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18296

Ion Ratio Lower Upper

65 100

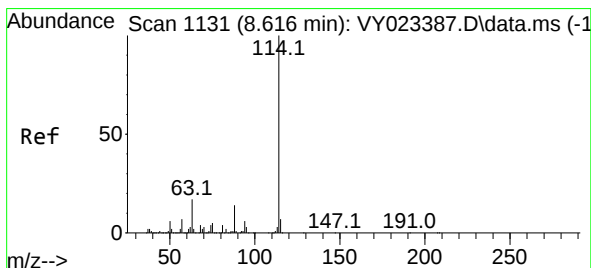
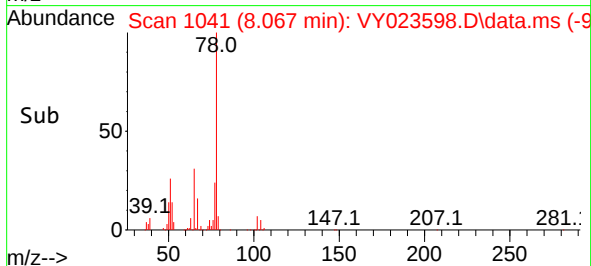
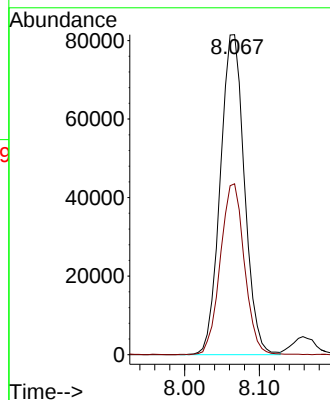
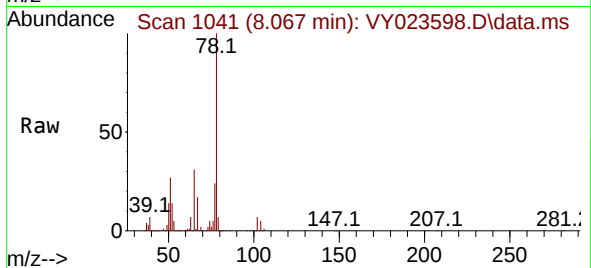
67 53.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

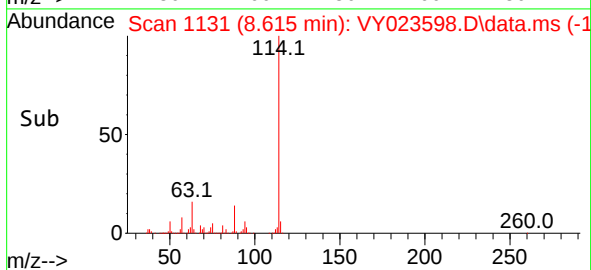
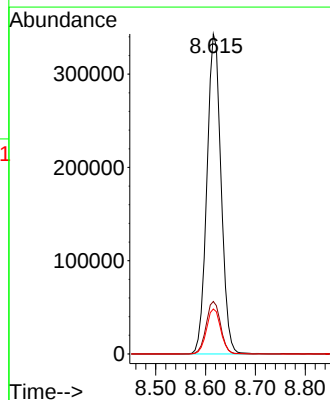
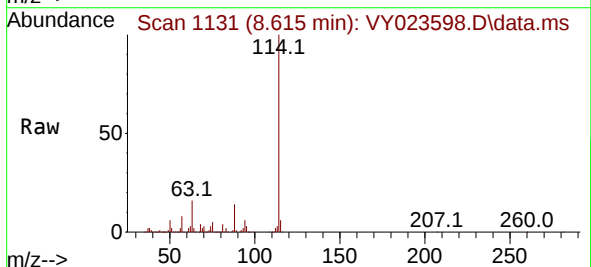
Tgt Ion:114 Resp: 674925

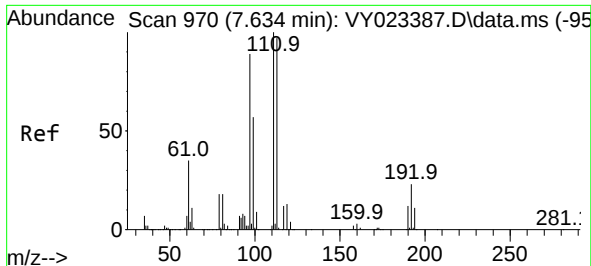
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.2

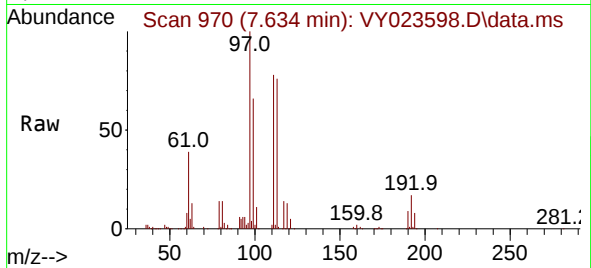
88 14.1 0.0 28.4





#35
Dibromofluoromethane
Concen: 51.027 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

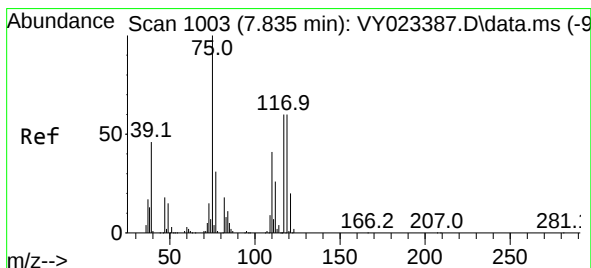
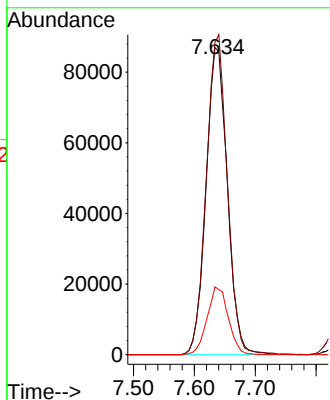
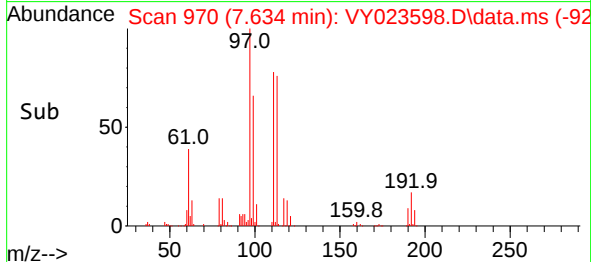
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



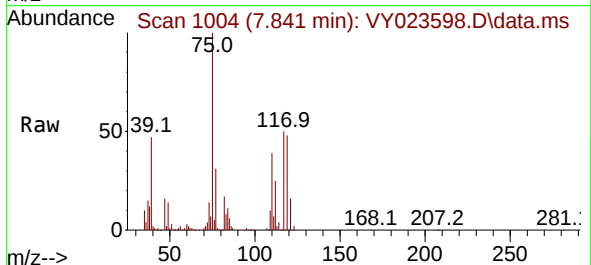
Tgt Ion:113 Resp: 21161
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 21.9 18.0 27.0

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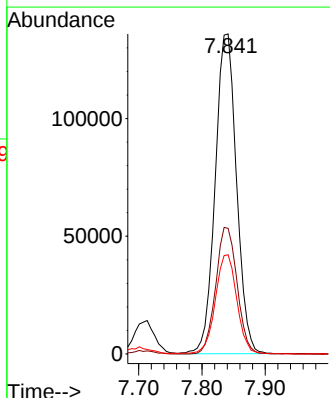
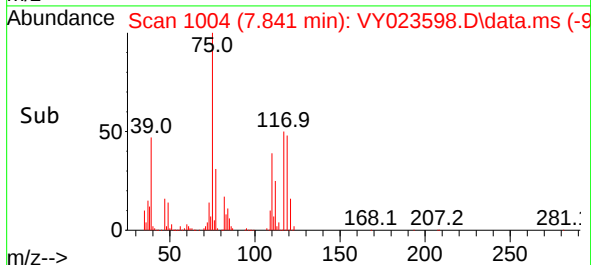
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

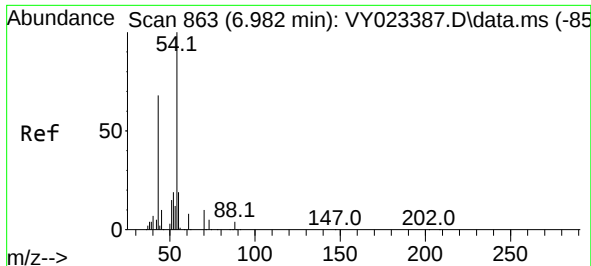


#36
1,1-Dichloropropene
Concen: 57.877 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion: 75 Resp: 317761
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.5 25.0 37.6





#37

Ethyl Acetate

Concen: 46.976 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 102179

Ion Ratio Lower Upper

43 100

61 15.2 11.8 17.8

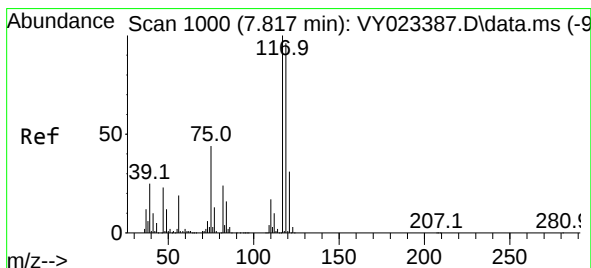
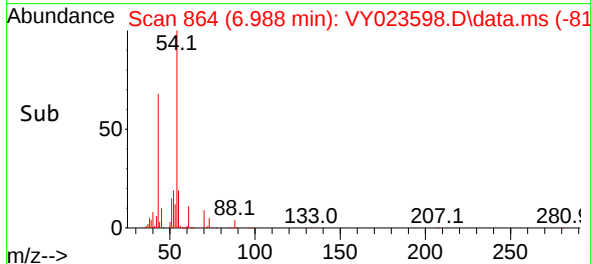
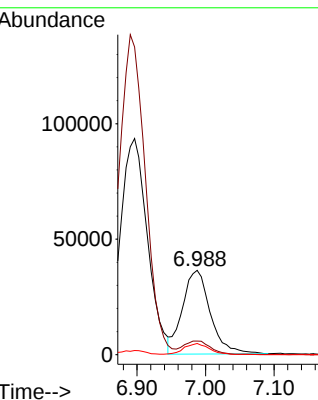
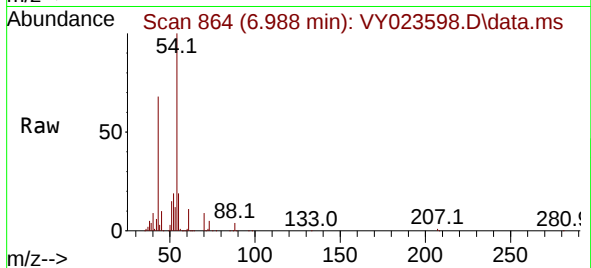
70 11.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#38

Carbon Tetrachloride

Concen: 58.304 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

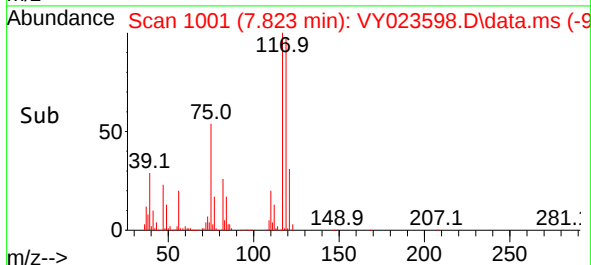
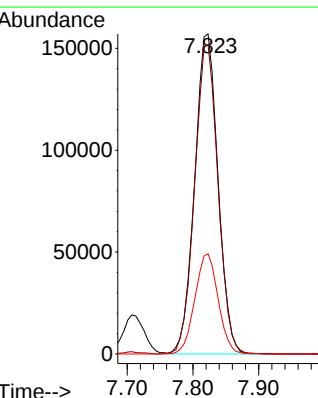
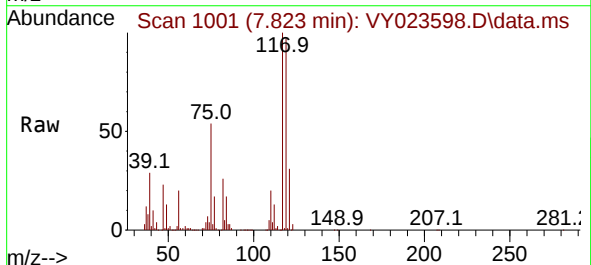
Tgt Ion:117 Resp: 388149

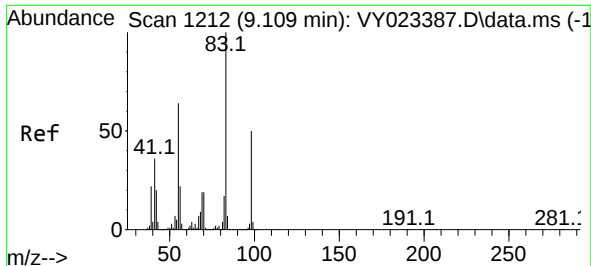
Ion Ratio Lower Upper

117 100

119 96.6 76.8 115.2

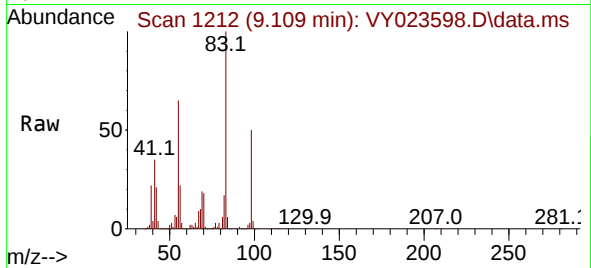
121 31.3 24.5 36.7





#39
Methylcyclohexane
Concen: 56.432 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

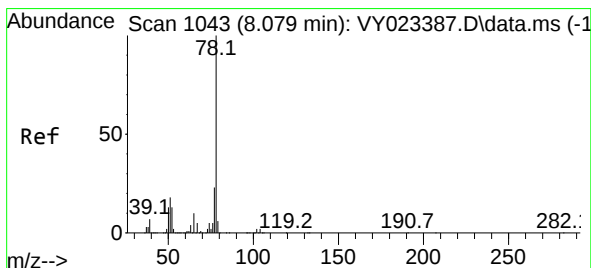
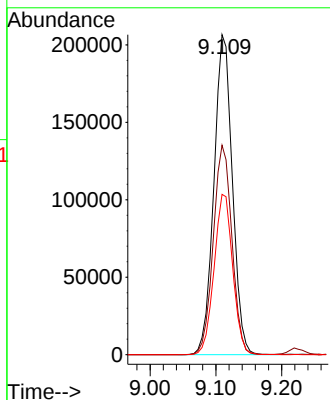
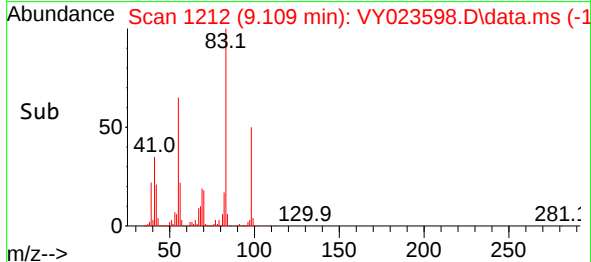
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 40340
Ion Ratio Lower Upper
83 100
55 65.4 51.4 77.2
98 50.1 40.4 60.6

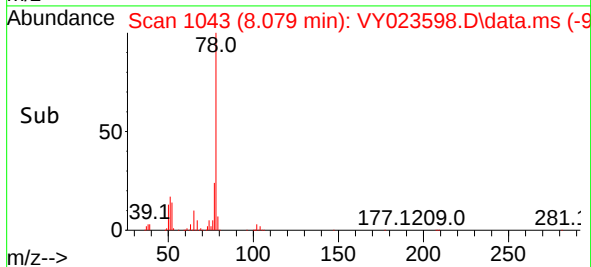
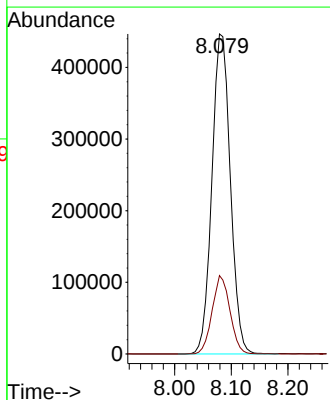
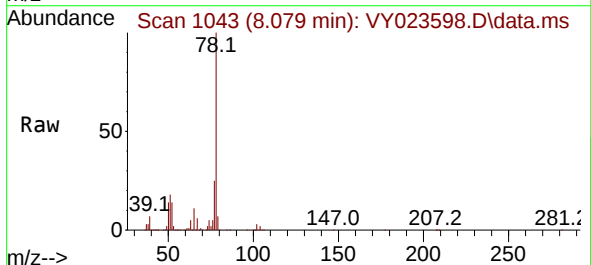
Manual Integrations
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Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#40
Benzene
Concen: 58.022 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

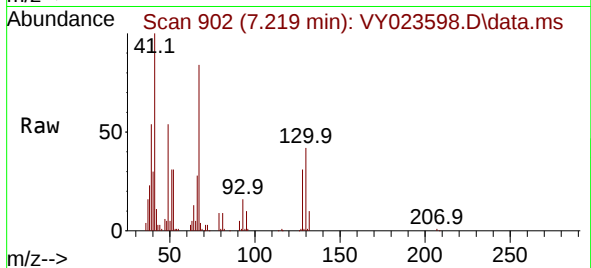
Tgt Ion: 78 Resp: 1008851
Ion Ratio Lower Upper
78 100
77 24.5 18.3 27.5





#41
Methacrylonitrile
Concen: 50.739 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

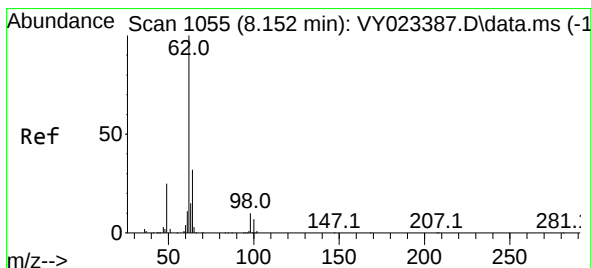
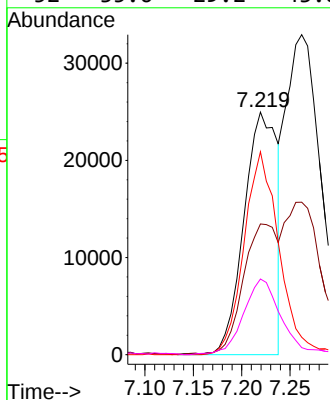
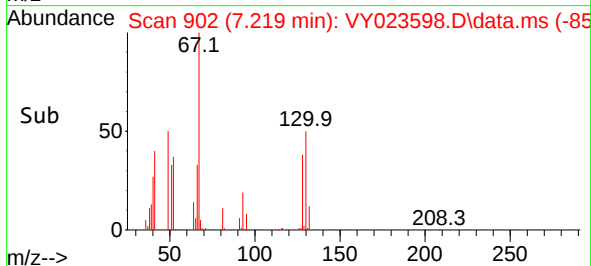
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



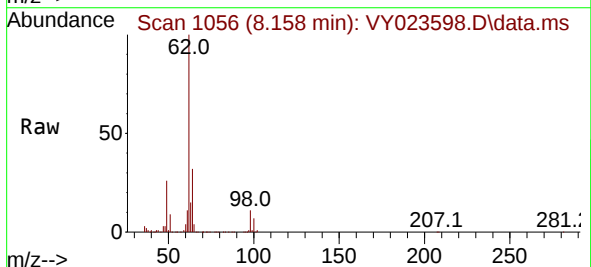
Tgt Ion: 41 Resp: 59689
Ion Ratio Lower Upper
41 100
39 55.2 52.2 78.4
67 89.4 74.9 112.3
52 35.6 29.2 43.8

Manual Integrations
APPROVED

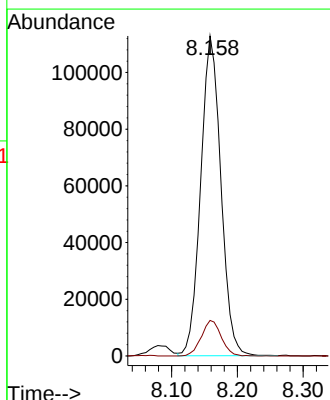
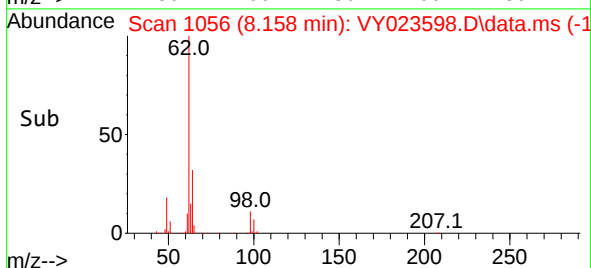
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

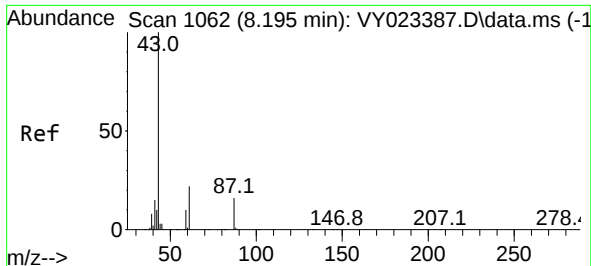


#42
1,2-Dichloroethane
Concen: 53.681 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



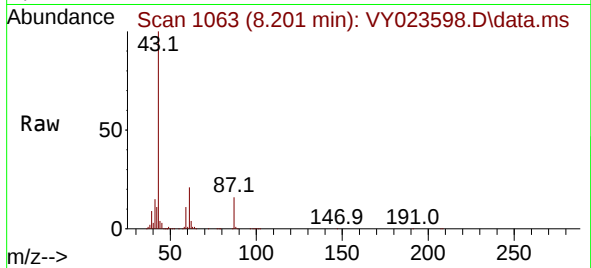
Tgt Ion: 62 Resp: 240719
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6





#43
Isopropyl Acetate
Concen: 46.339 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

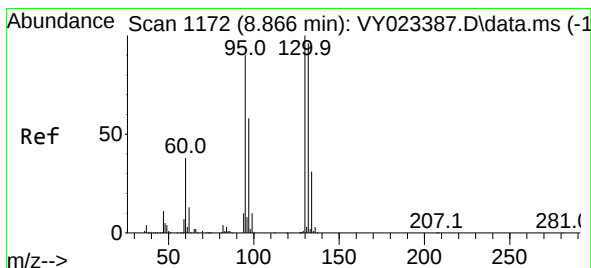
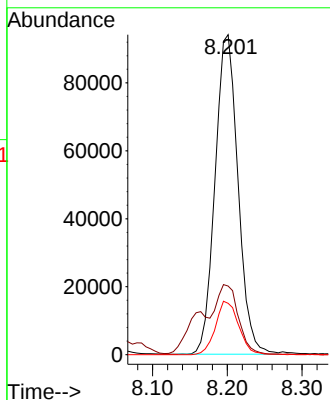
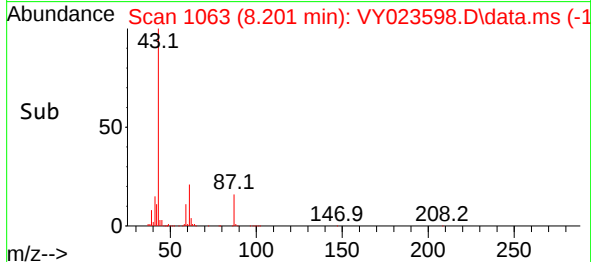
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



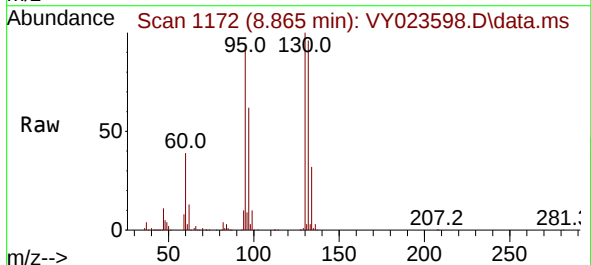
Tgt Ion: 43 Resp: 20098
Ion Ratio Lower Upper
43 100
61 21.4 18.1 27.1
87 16.9 13.5 20.3

Manual Integrations
APPROVED

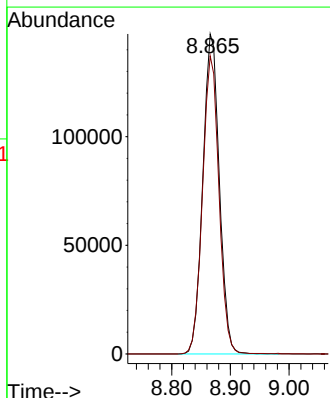
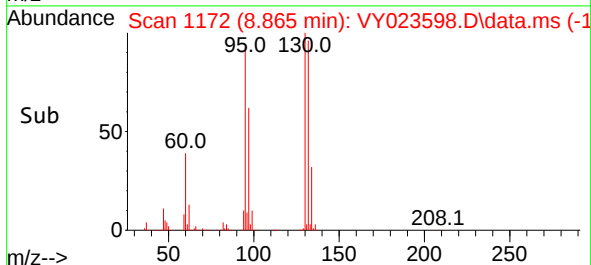
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#44
Trichloroethene
Concen: 56.510 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion:130 Resp: 287584
Ion Ratio Lower Upper
130 100
95 93.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 57.207 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 219700

Ion Ratio Lower Upper

63 100

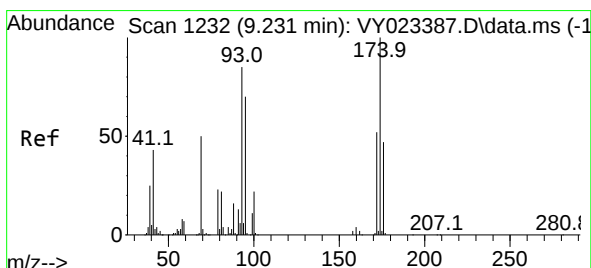
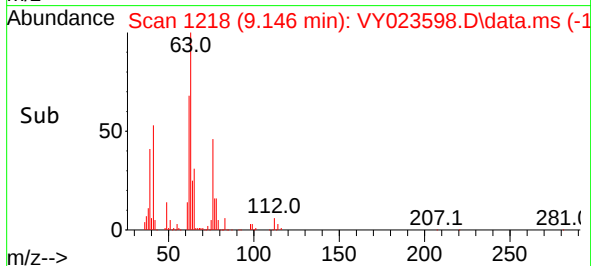
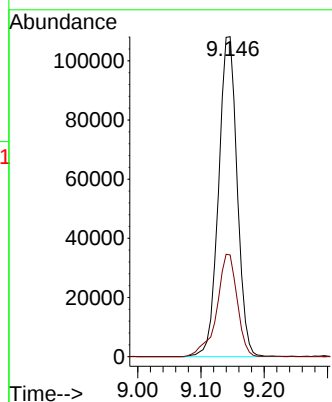
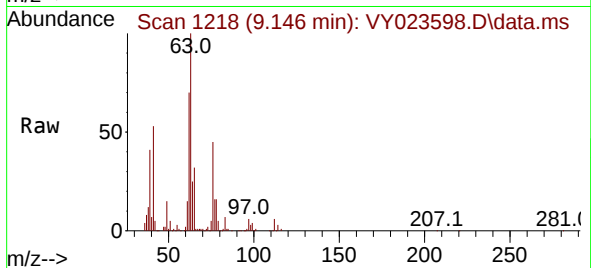
65 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#46

Dibromomethane

Concen: 54.829 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

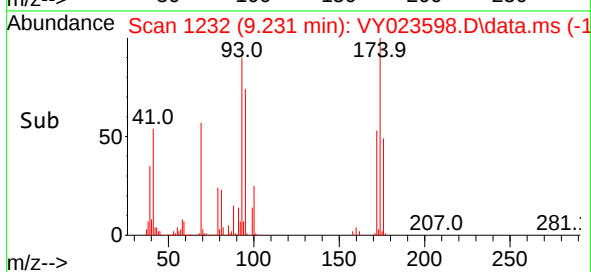
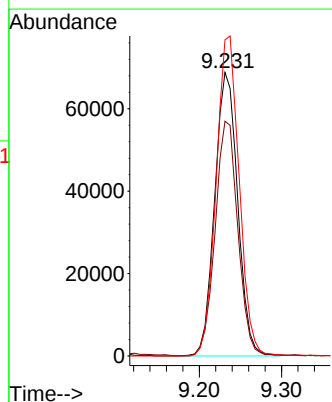
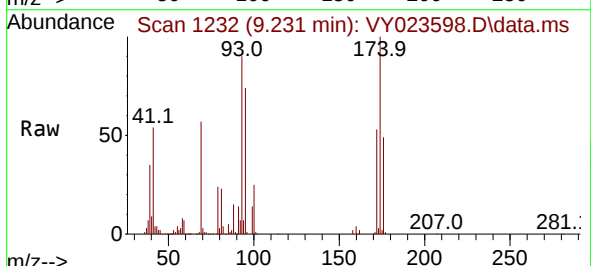
Tgt Ion: 93 Resp: 133149

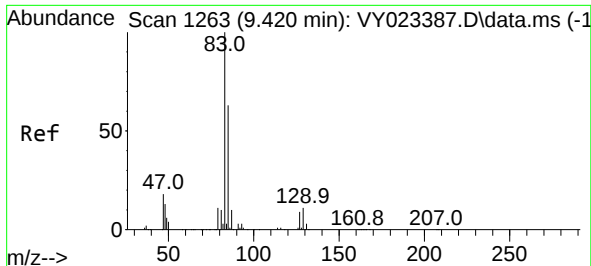
Ion Ratio Lower Upper

93 100

95 82.1 65.4 98.0

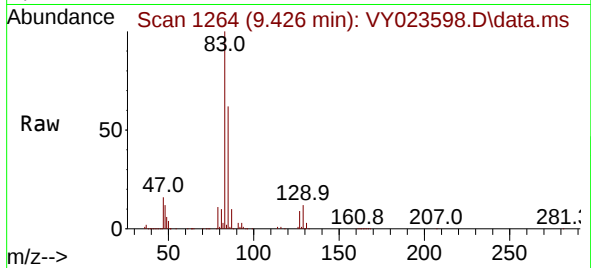
174 113.3 92.9 139.3





#47
Bromodichloromethane
Concen: 57.932 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

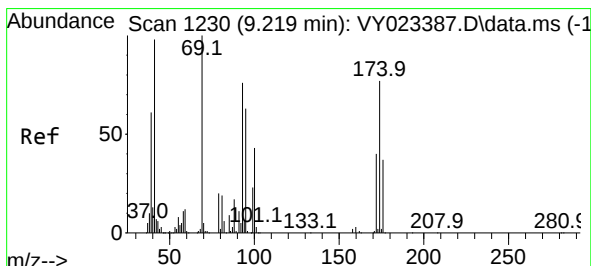
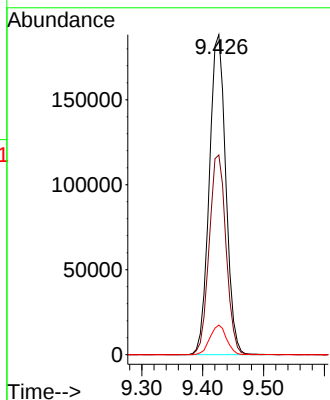
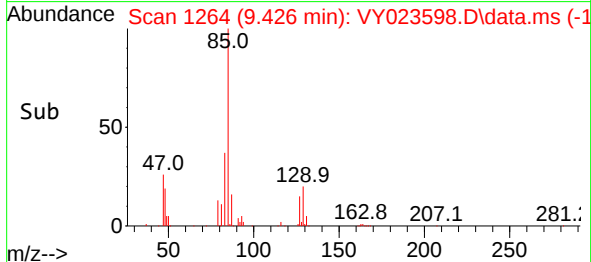
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 354320
Ion Ratio Lower Upper
83 100
85 62.4 50.8 76.2
127 9.3 7.4 11.2

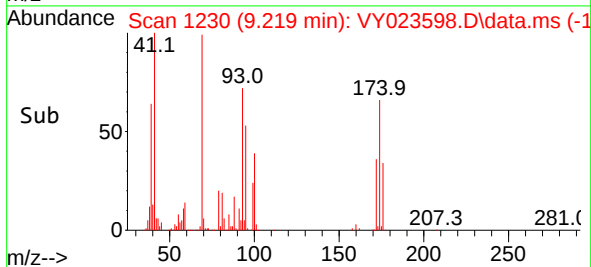
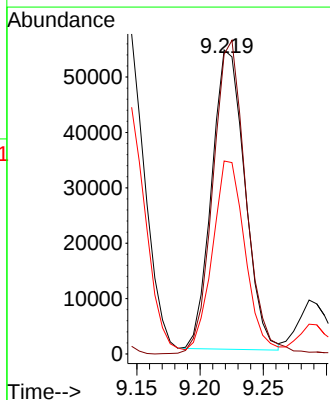
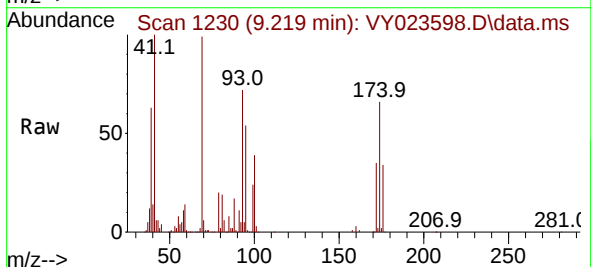
Manual Integrations
APPROVED

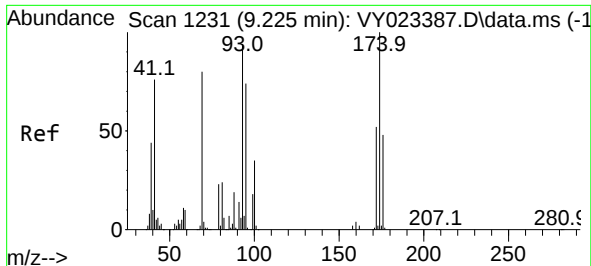
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 48.355 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

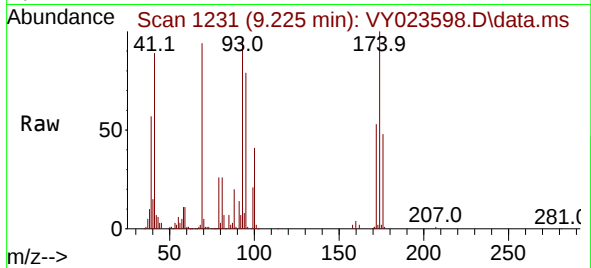
Tgt Ion: 41 Resp: 98527
Ion Ratio Lower Upper
41 100
69 104.2 81.0 121.4
39 61.2 48.2 72.4





#49
1,4-Dioxane
Concen: 923.749 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

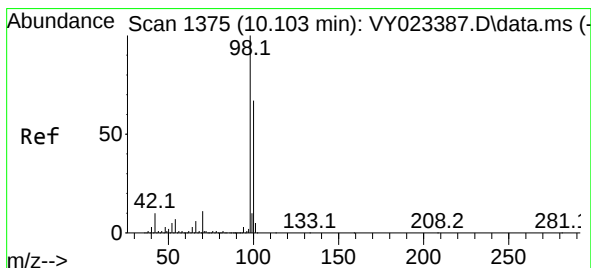
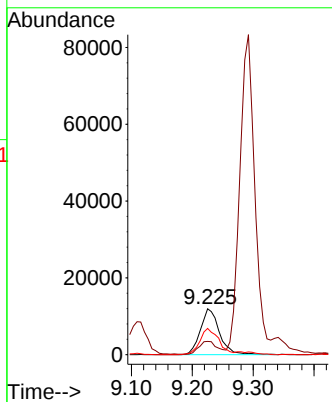
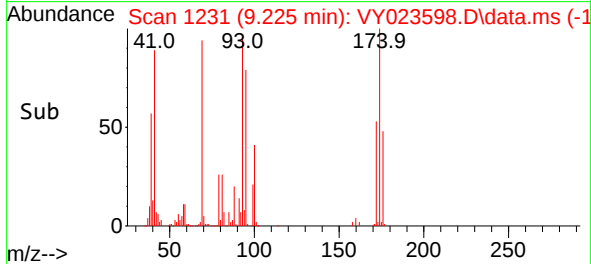
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



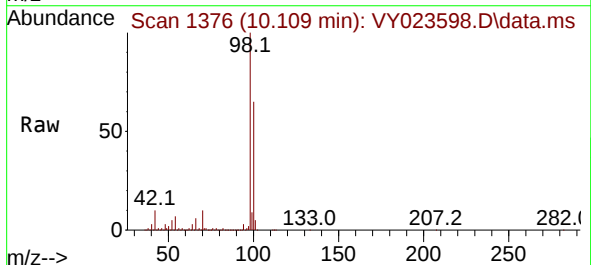
Tgt Ion: 88 Resp: 26009
Ion Ratio Lower Upper
88 100
43 28.2 21.8 32.8
58 56.4 46.8 70.2

Manual Integrations
APPROVED

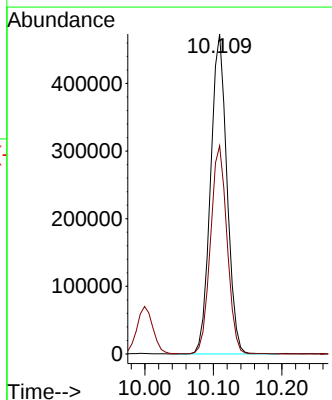
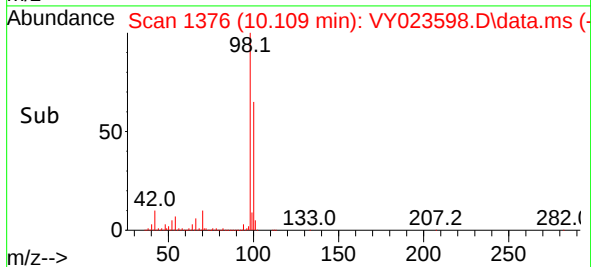
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

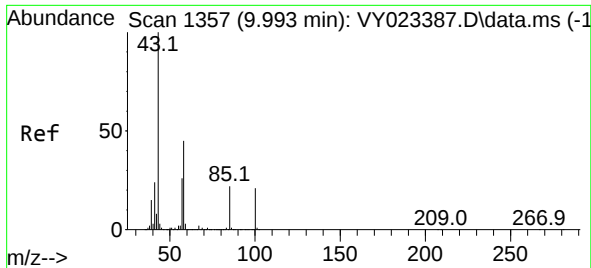


#50
Toluene-d8
Concen: 50.721 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



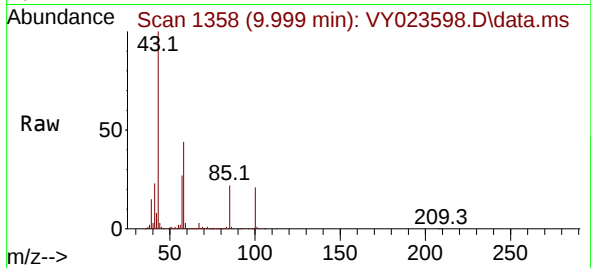
Tgt Ion: 98 Resp: 783345
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 242.330 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

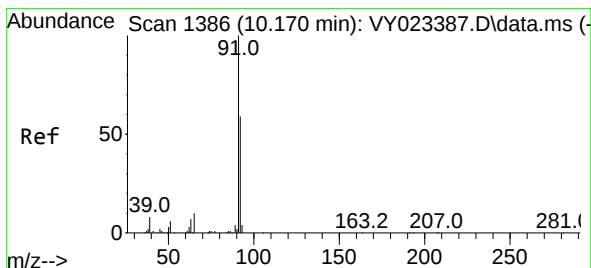
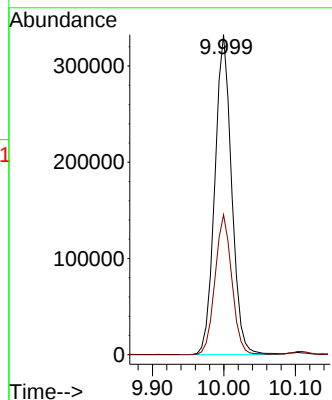
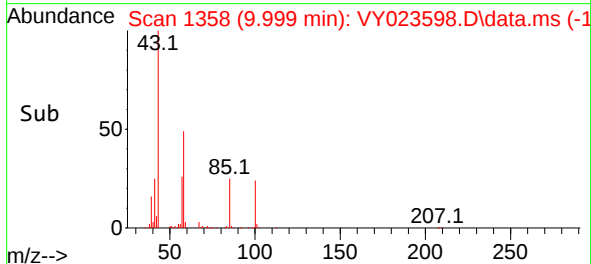
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



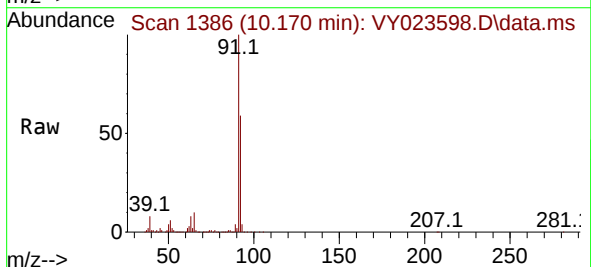
Tgt Ion: 43 Resp: 543030
Ion Ratio Lower Upper
43 100
58 43.7 35.3 52.9

Manual Integrations
APPROVED

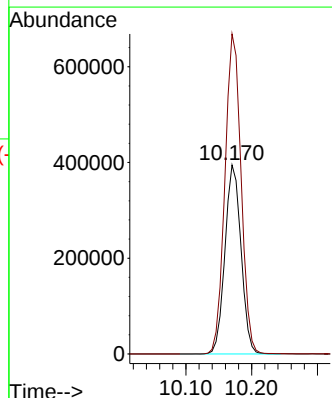
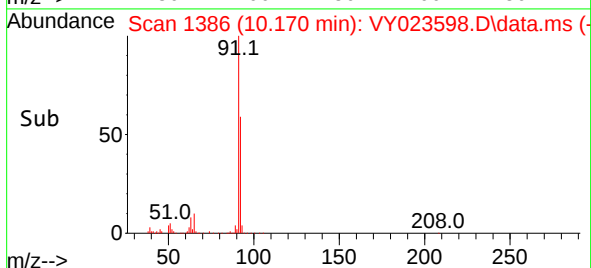
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#52
Toluene
Concen: 59.432 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



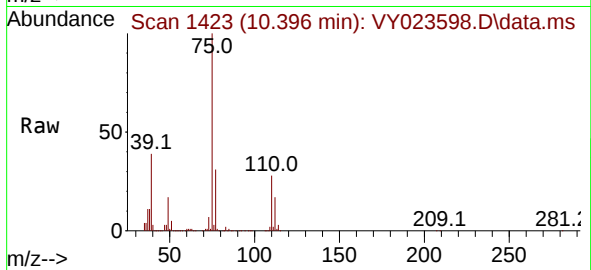
Tgt Ion: 92 Resp: 670944
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 54.601 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

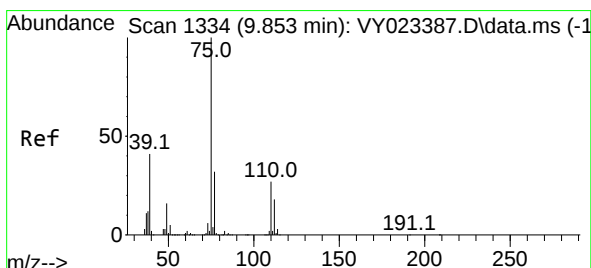
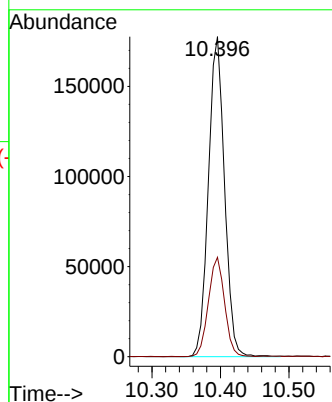
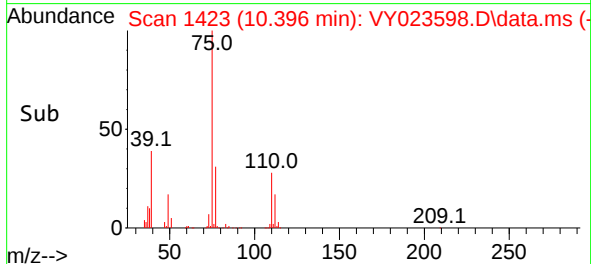
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 290372
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7

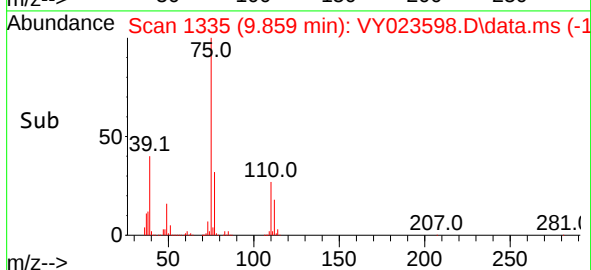
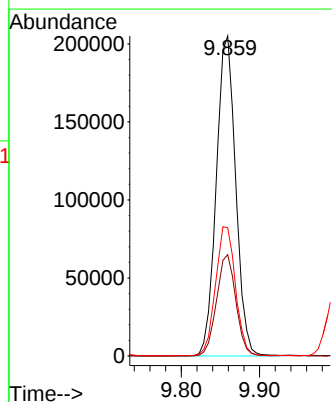
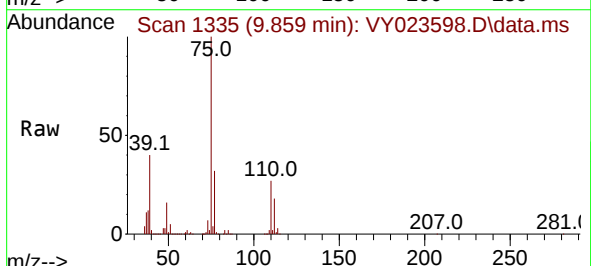
Manual Integrations
APPROVED

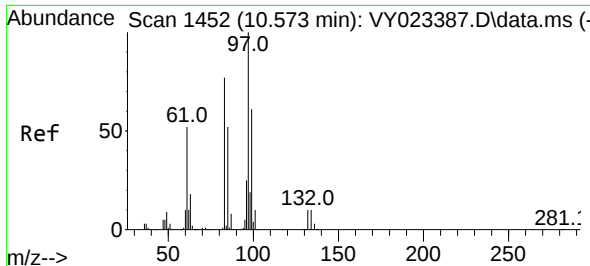
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#54
cis-1,3-Dichloropropene
Concen: 56.317 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

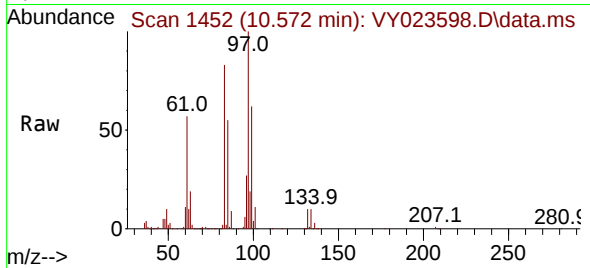
Tgt Ion: 75 Resp: 353475
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 40.0 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 54.835 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

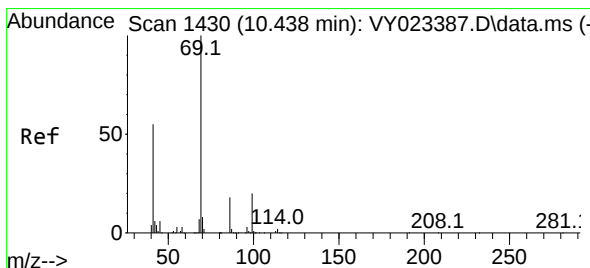
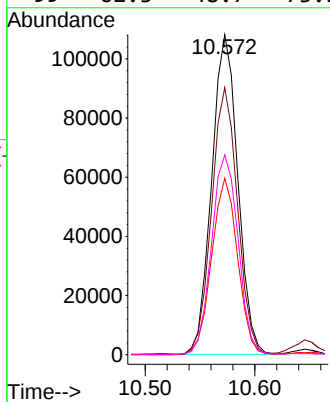
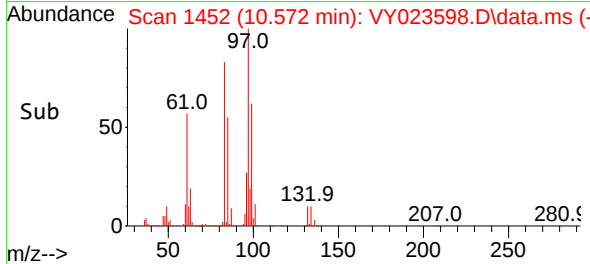
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



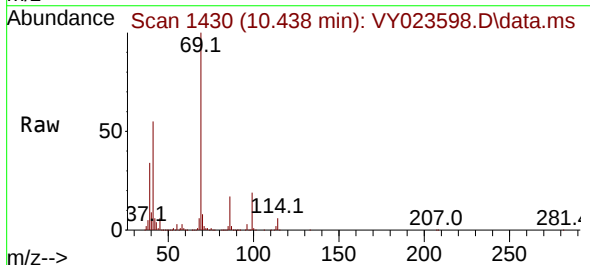
Tgt Ion: 97 Resp: 179070
Ion Ratio Lower Upper
97 100
83 83.5 61.8 92.6
85 55.1 41.3 61.9
99 62.3 48.7 73.1

Manual Integrations
APPROVED

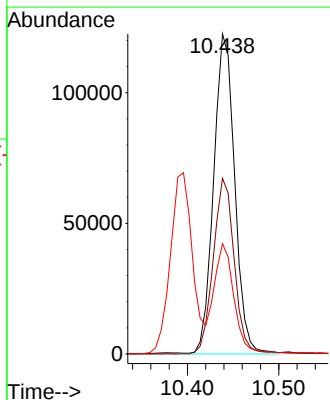
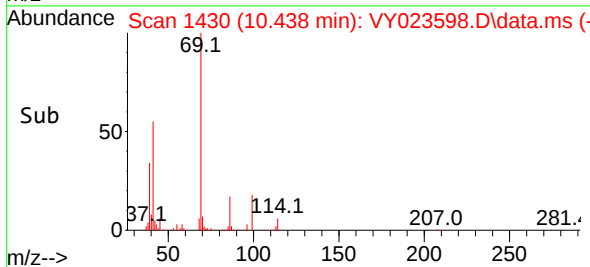
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

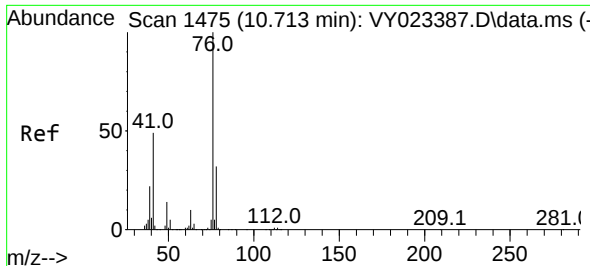


#56
Ethyl methacrylate
Concen: 52.047 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



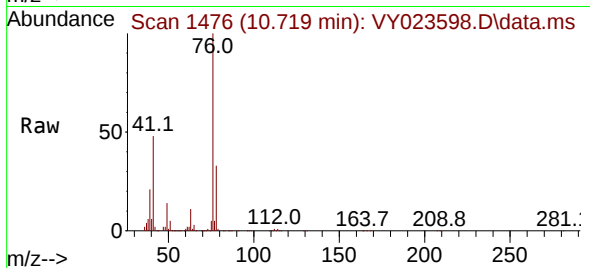
Tgt Ion: 69 Resp: 196059
Ion Ratio Lower Upper
69 100
41 54.5 44.6 67.0
39 31.9 27.0 40.4





#57
1,3-Dichloropropane
Concen: 54.718 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

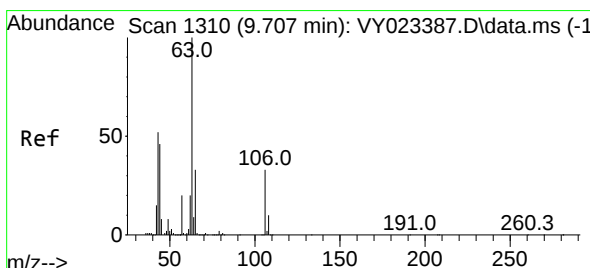
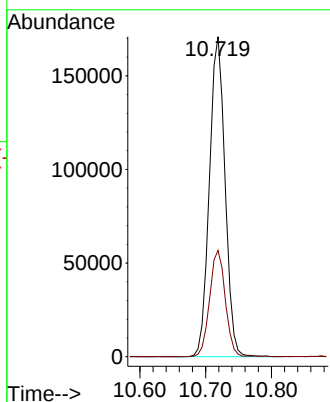
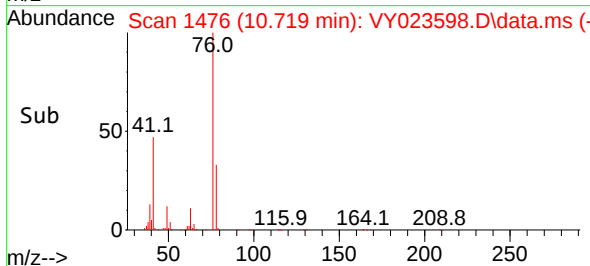
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 283152
Ion Ratio Lower Upper
76 100
78 33.4 25.9 38.9

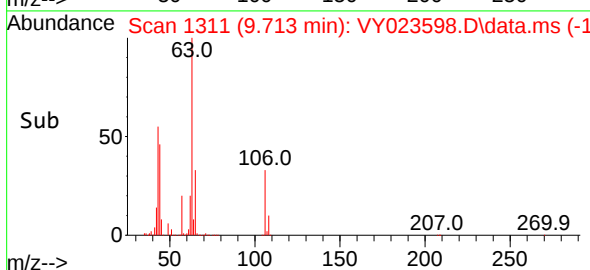
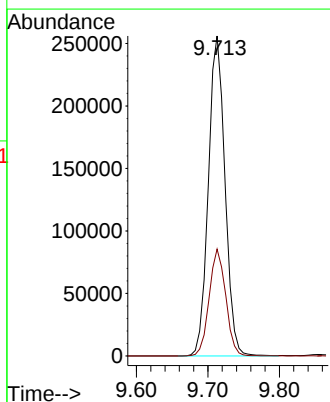
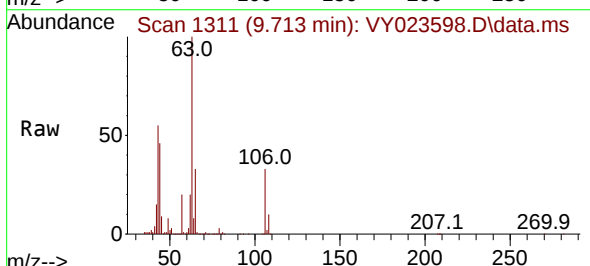
Manual Integrations
APPROVED

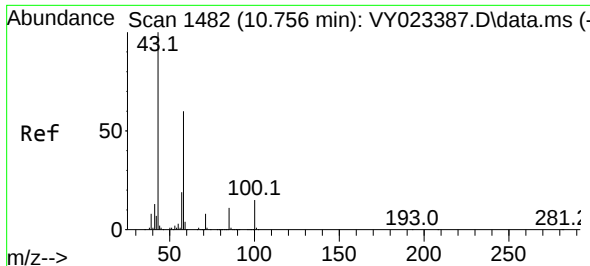
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 245.069 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

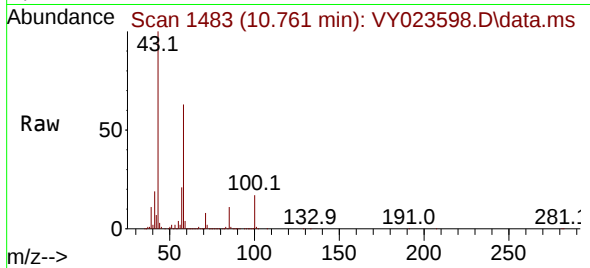
Tgt Ion: 63 Resp: 413554
Ion Ratio Lower Upper
63 100
106 33.2 26.6 39.8





#59
2-Hexanone
Concen: 238.542 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

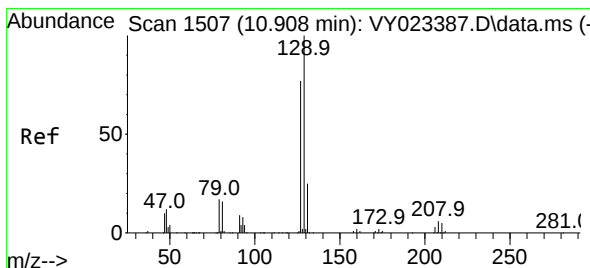
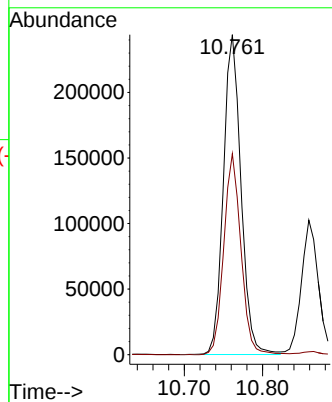
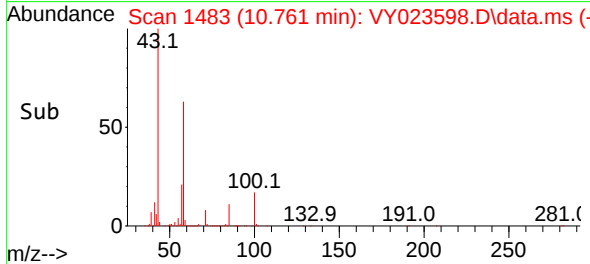
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



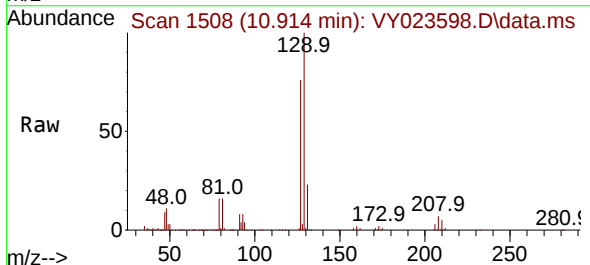
Tgt Ion: 43 Resp: 38201
Ion Ratio Lower Upper
43 100
58 61.2 30.5 91.5

Manual Integrations
APPROVED

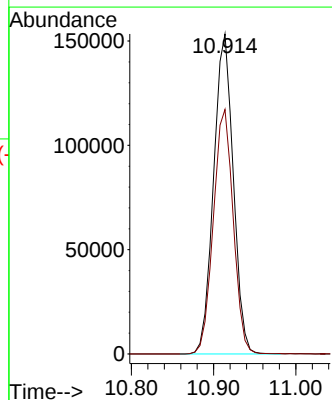
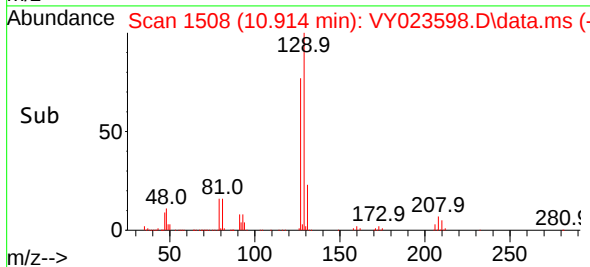
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

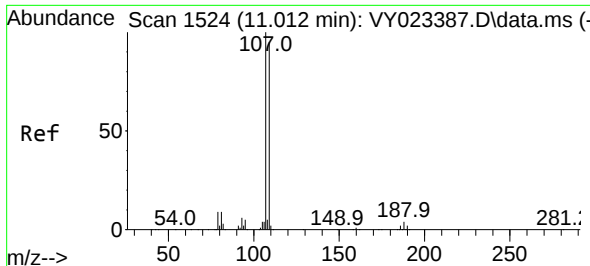


#60
Dibromochloromethane
Concen: 55.636 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



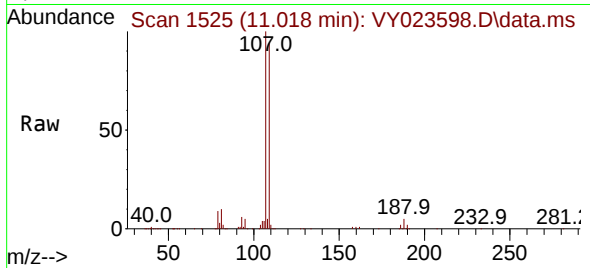
Tgt Ion:129 Resp: 254730
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 53.608 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

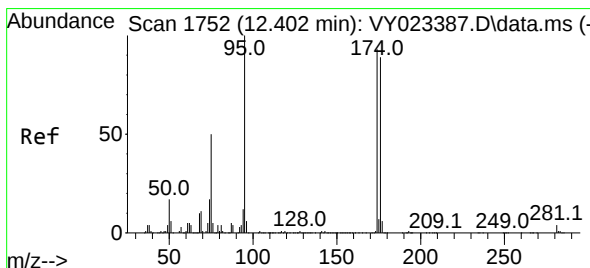
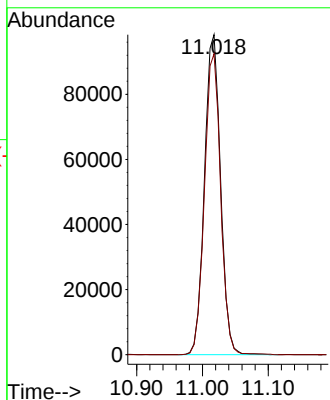
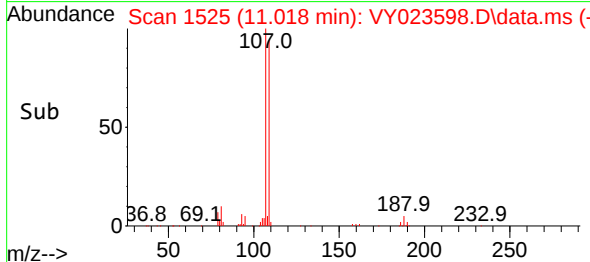
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



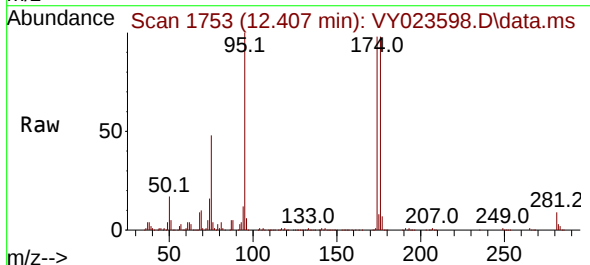
Tgt Ion:107 Resp: 166958
Ion Ratio Lower Upper
107 100
109 94.7 76.1 114.1

Manual Integrations
APPROVED

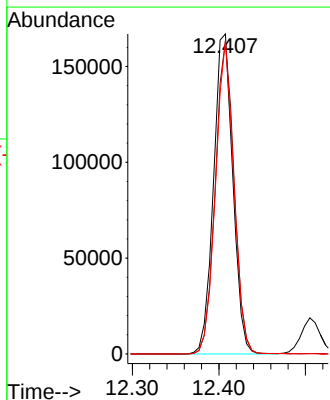
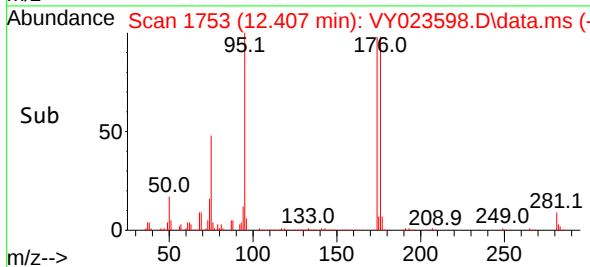
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

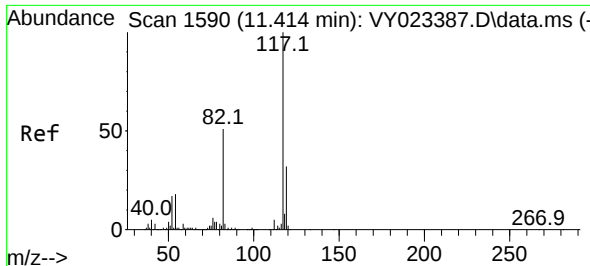


#62
4-Bromofluorobenzene
Concen: 50.609 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



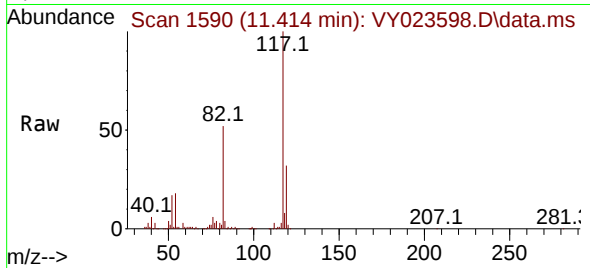
Tgt Ion: 95 Resp: 258049
Ion Ratio Lower Upper
95 100
174 95.4 0.0 192.8
176 92.5 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

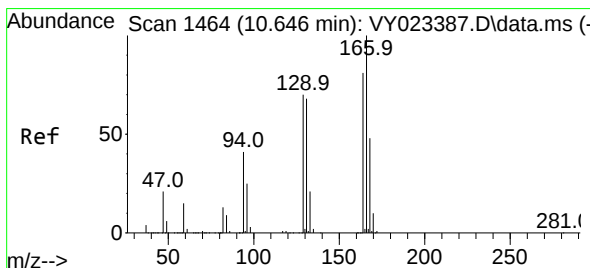
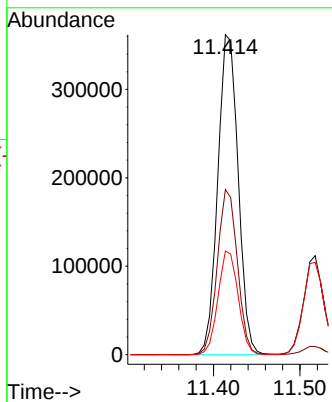
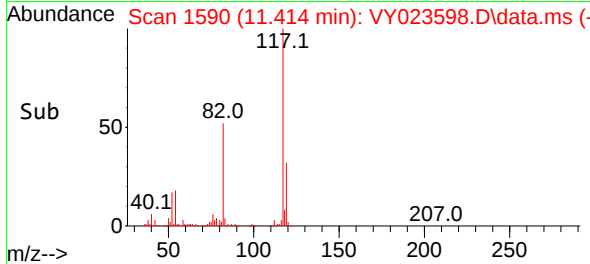
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



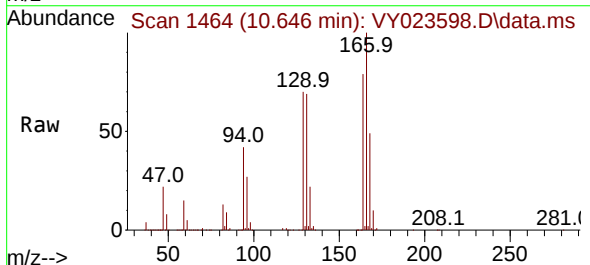
Tgt Ion:117 Resp: 592275
Ion Ratio Lower Upper
117 100
82 51.6 41.0 61.4
119 32.4 25.6 38.4

Manual Integrations
APPROVED

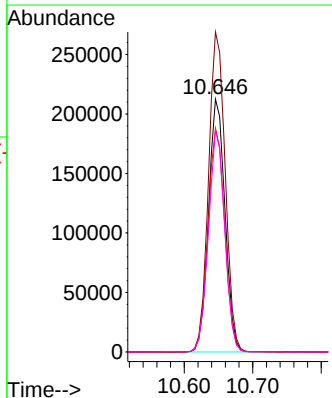
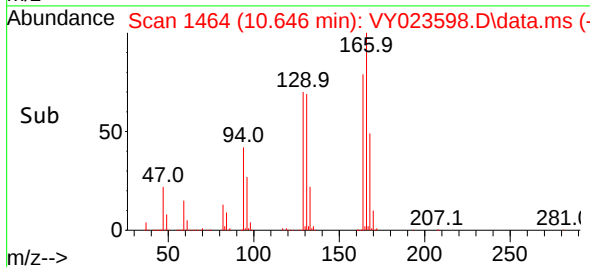
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

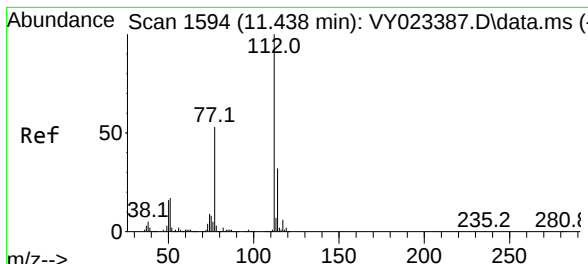


#64
Tetrachloroethene
Concen: 58.080 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



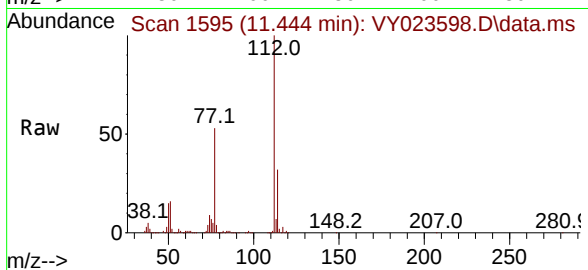
Tgt Ion:164 Resp: 355189
Ion Ratio Lower Upper
164 100
166 126.6 99.4 149.0
129 88.5 69.4 104.2
131 87.7 67.5 101.3





#65
Chlorobenzene
Concen: 57.277 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

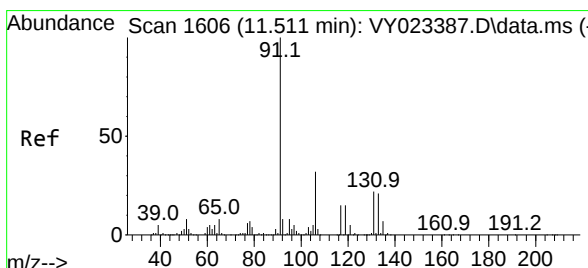
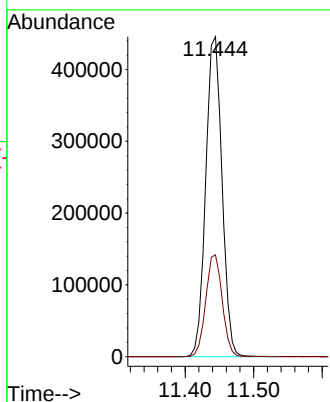
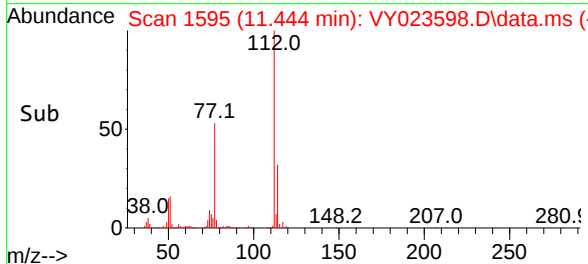
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



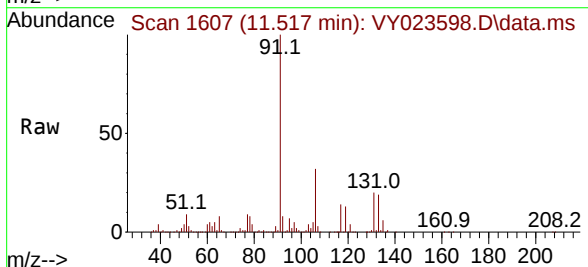
Tgt Ion:112 Resp: 73782
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

Manual Integrations
APPROVED

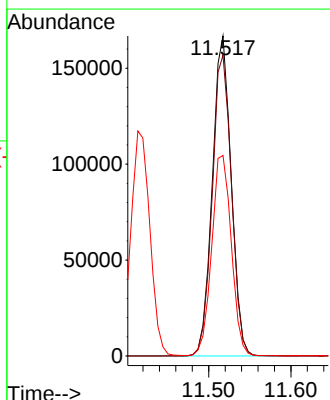
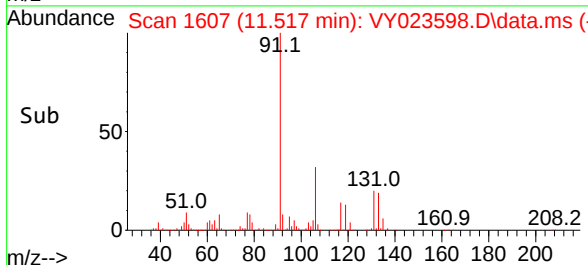
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 57.911 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



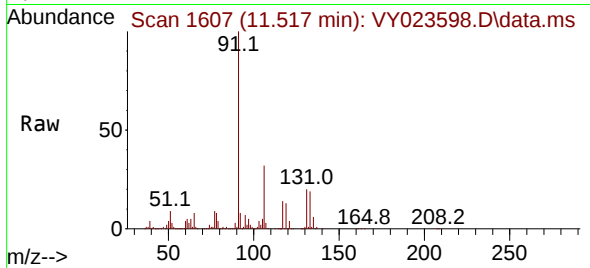
Tgt Ion:131 Resp: 265838
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.2
119 65.3 32.4 97.2





#67
Ethyl Benzene
Concen: 60.145 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

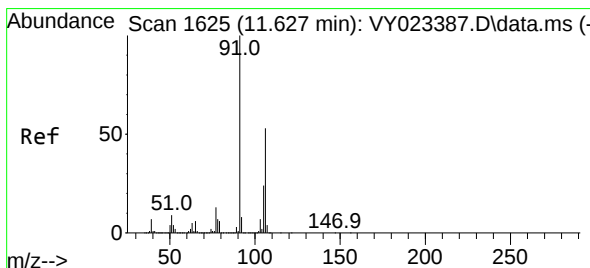
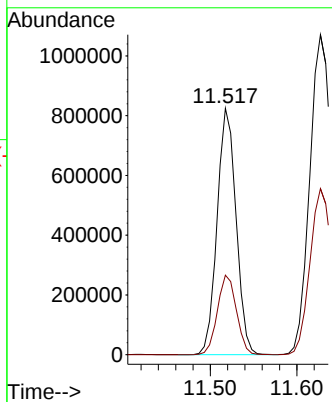
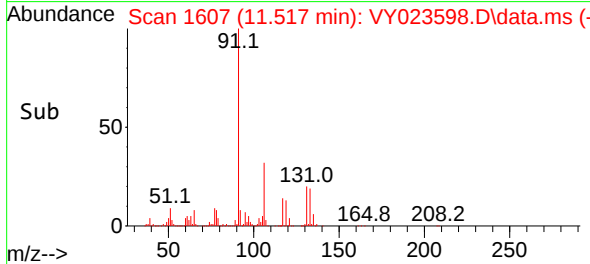
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



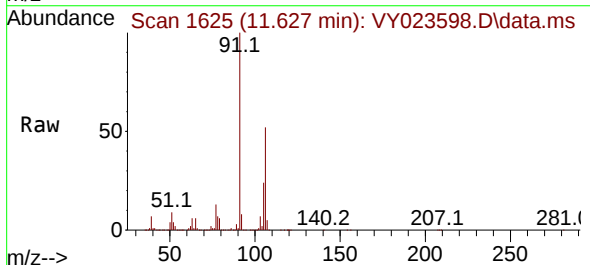
Tgt Ion: 91 Resp: 125412
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

Manual Integrations
APPROVED

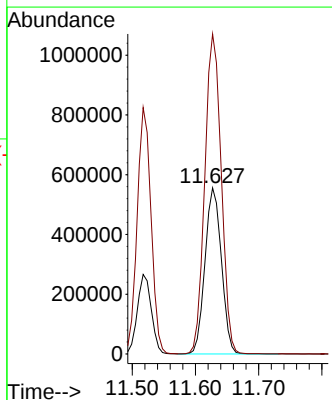
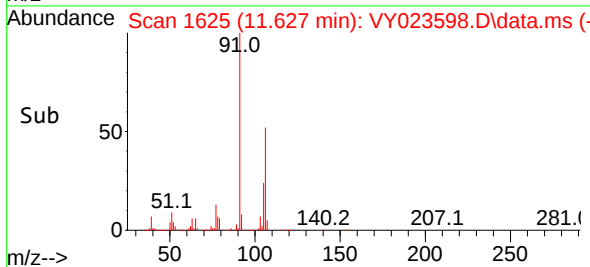
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

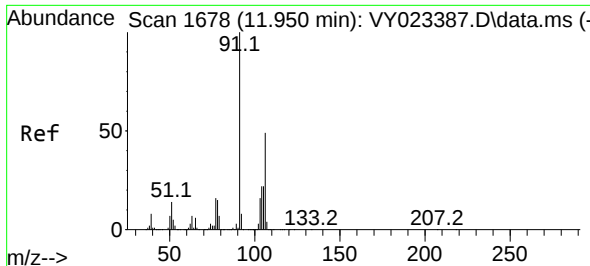


#68
m/p-Xylenes
Concen: 119.696 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



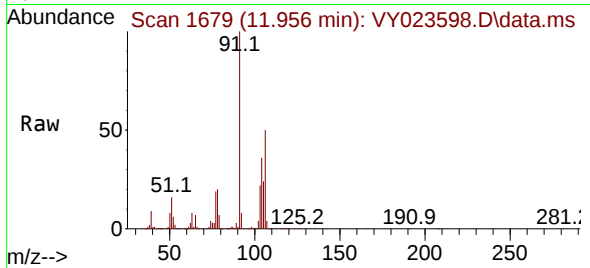
Tgt Ion:106 Resp: 1001078
Ion Ratio Lower Upper
106 100
91 193.6 152.6 229.0





#69
o-Xylene
Concen: 59.287 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

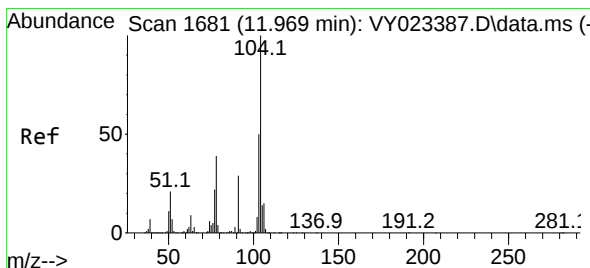
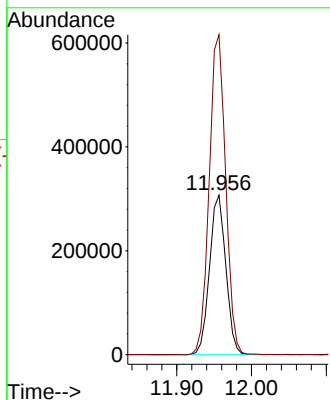
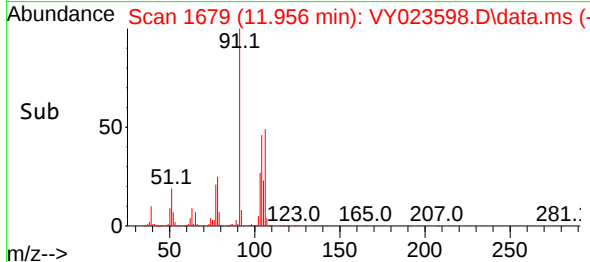
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



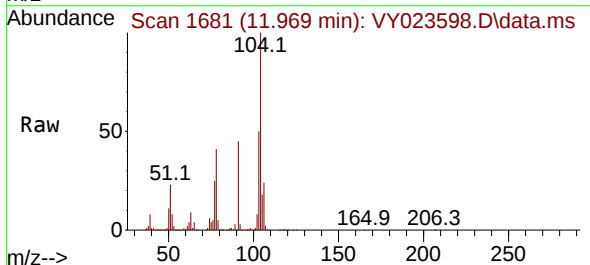
Tgt Ion:106 Resp: 465090
Ion Ratio Lower Upper
106 100
91 202.3 101.4 304.1

Manual Integrations
APPROVED

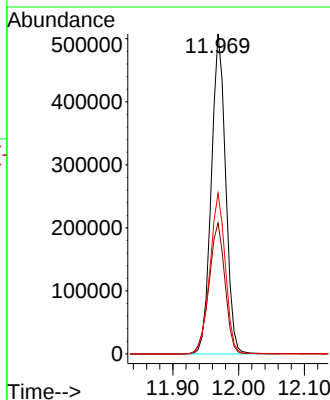
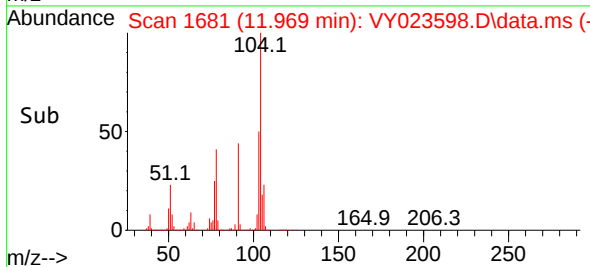
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

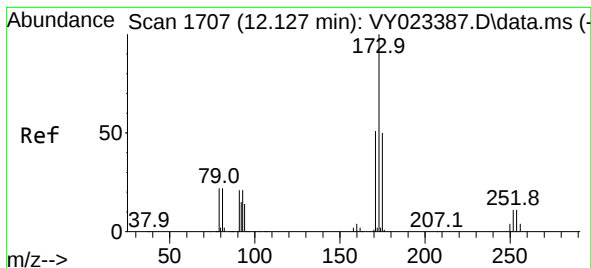


#70
Styrene
Concen: 59.990 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion:104 Resp: 773893
Ion Ratio Lower Upper
104 100
78 45.4 36.1 54.1
103 54.0 43.2 64.8





#71

Bromoform

Concen: 52.526 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023598.D

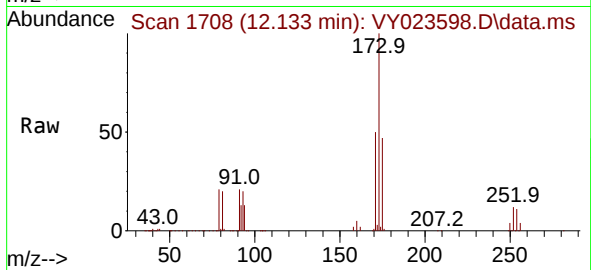
Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 149564

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.3

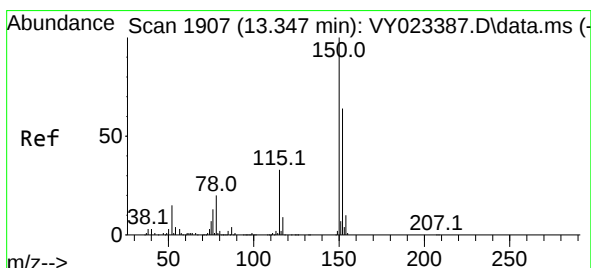
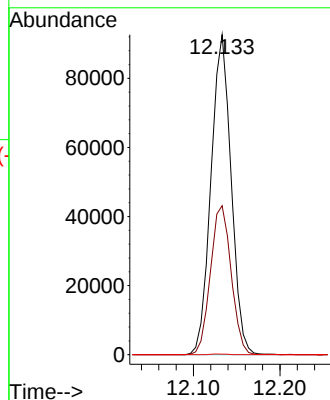
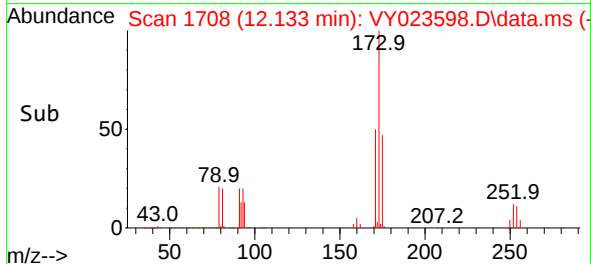
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

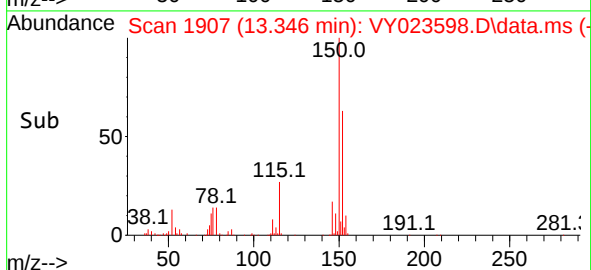
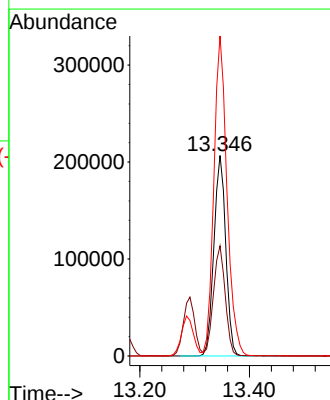
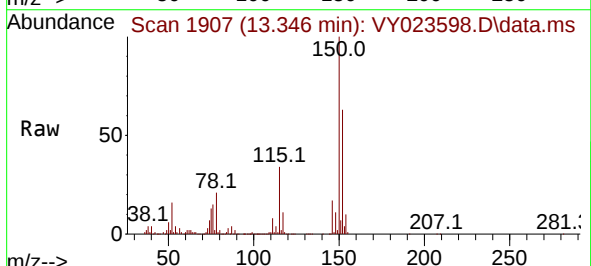
Tgt Ion:152 Resp: 309528

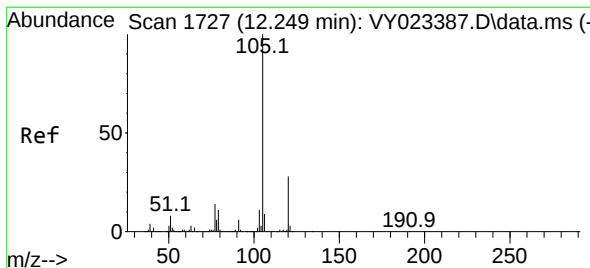
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.2

150 176.8 0.0 347.4





#73

Isopropylbenzene

Concen: 60.909 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 124244

Ion Ratio Lower Upper

105 100

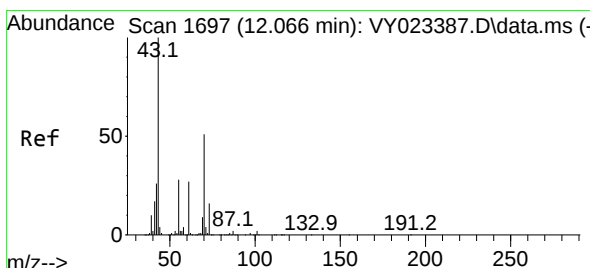
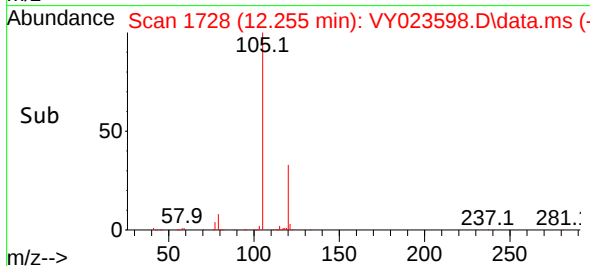
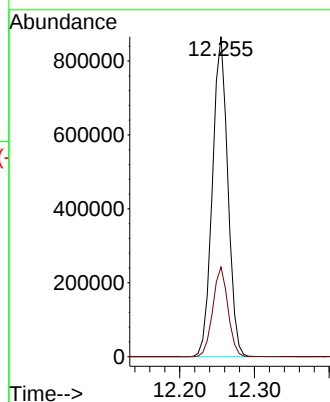
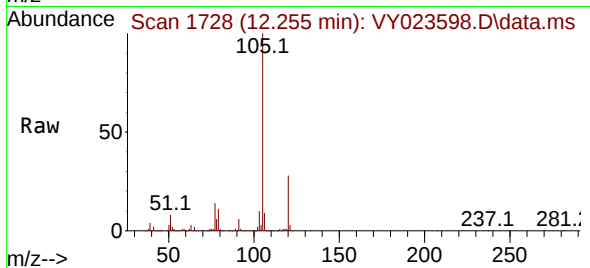
120 27.5 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#74

N-ethyl acetate

Concen: 46.722 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Tgt Ion: 43 Resp: 171181

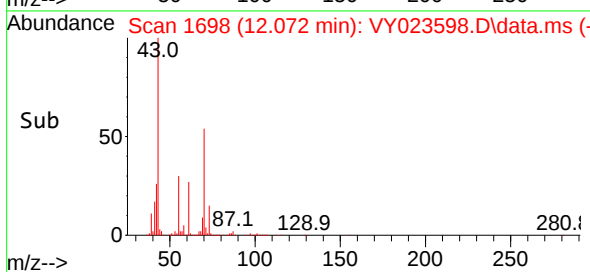
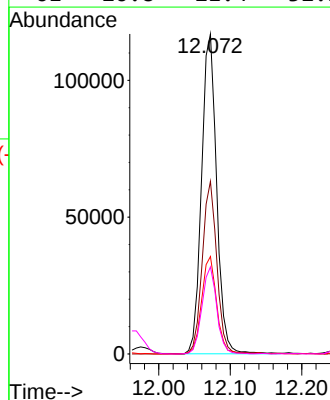
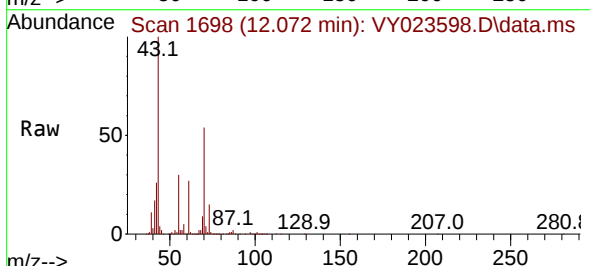
Ion Ratio Lower Upper

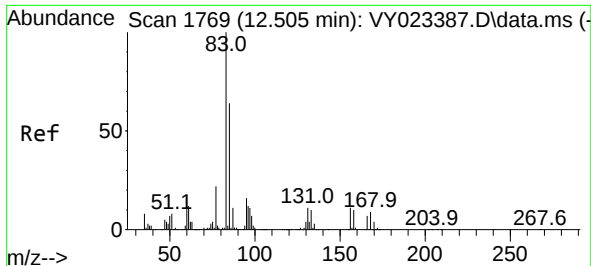
43 100

70 52.2 41.1 61.7

55 30.4 23.0 34.6

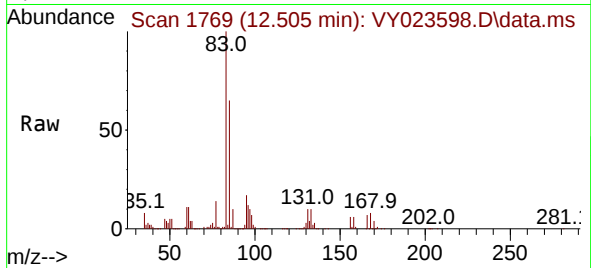
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.020 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

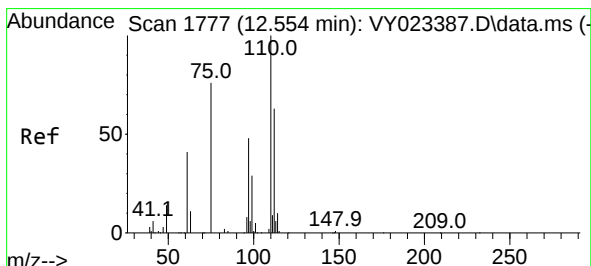
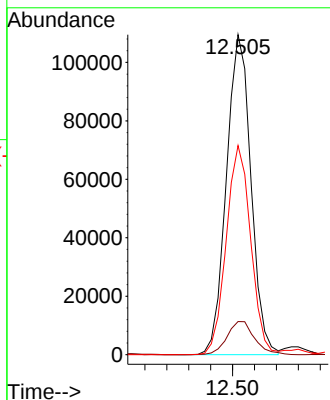
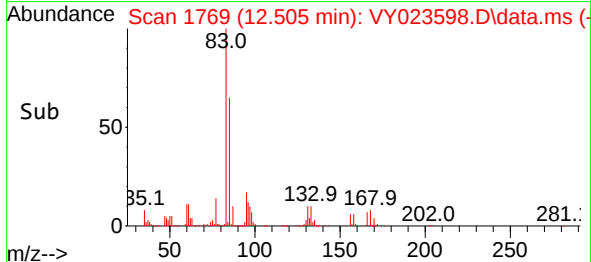
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



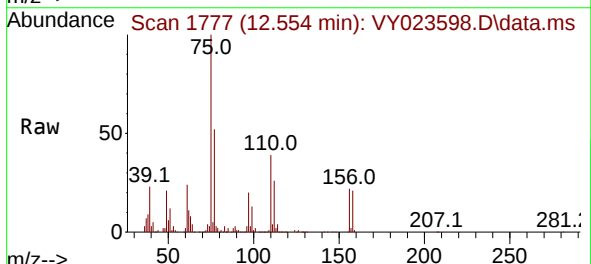
Tgt Ion: 83 Resp: 170217
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 65.2 31.8 95.3

Manual Integrations
APPROVED

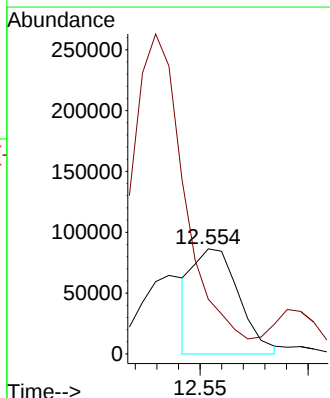
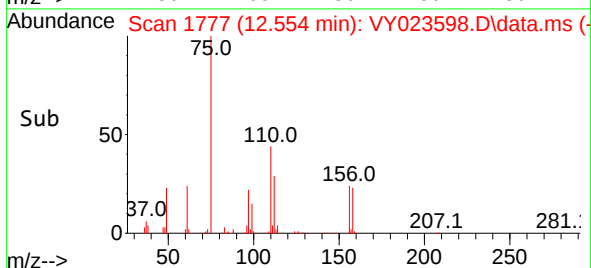
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

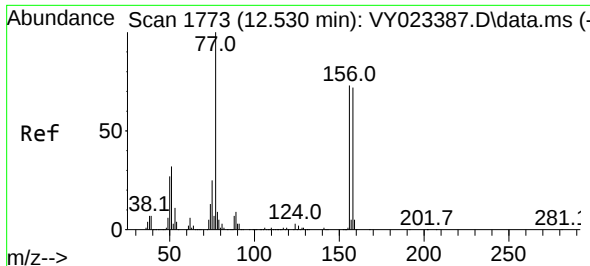


#76
1,2,3-Trichloropropane
Concen: 46.749 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



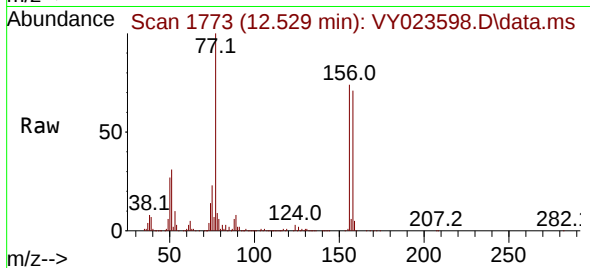
Tgt Ion: 75 Resp: 127666
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 55.801 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

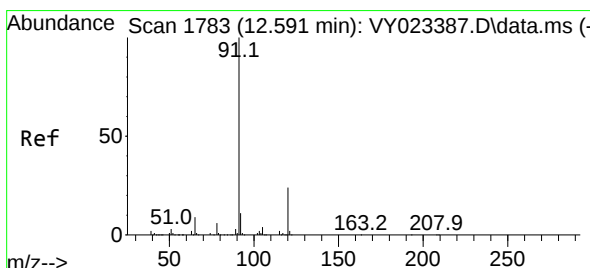
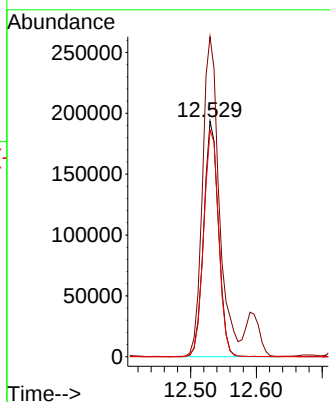
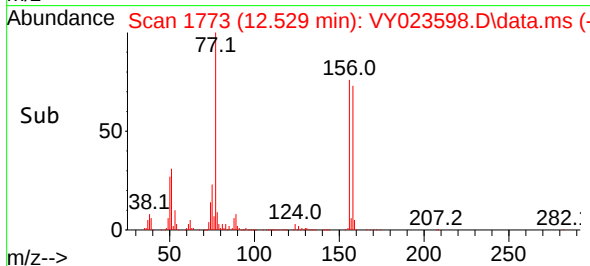
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



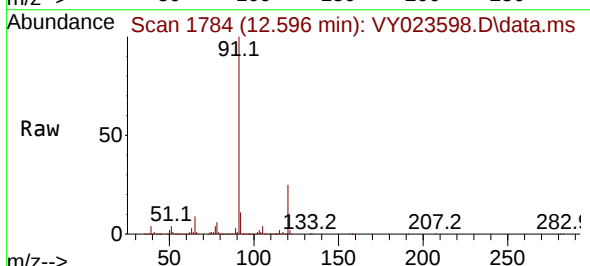
Tgt Ion:156 Resp: 302602
Ion Ratio Lower Upper
156 100
77 152.6 76.8 230.5
158 97.4 49.0 147.2

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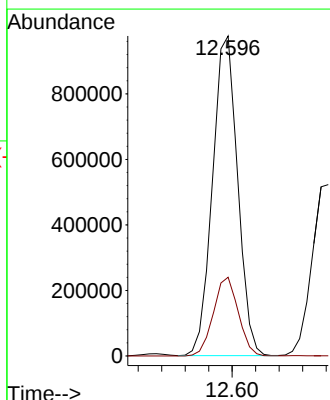
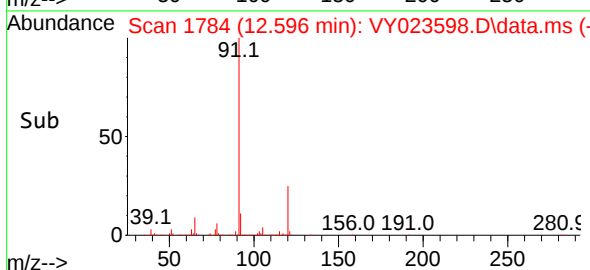
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

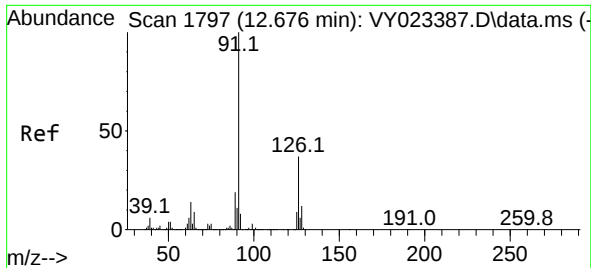


#78
n-propylbenzene
Concen: 61.437 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion: 91 Resp: 1450223
Ion Ratio Lower Upper
91 100
120 24.4 12.3 36.8





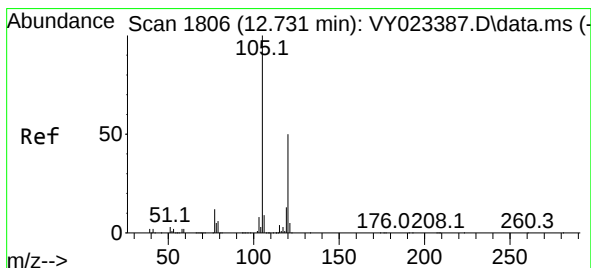
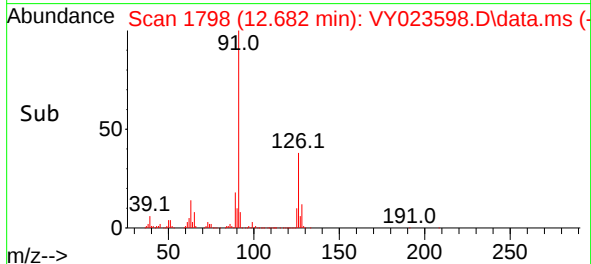
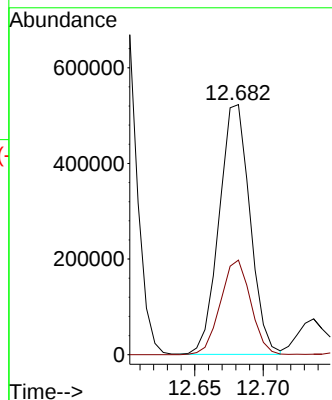
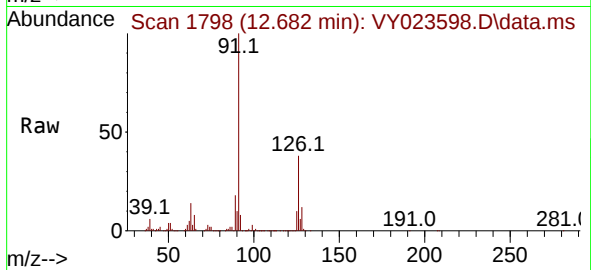
#79
2-Chlorotoluene
Concen: 59.318 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 81995
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5

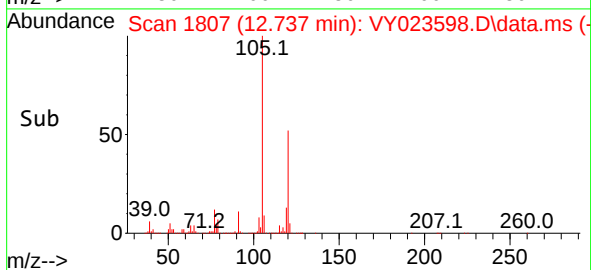
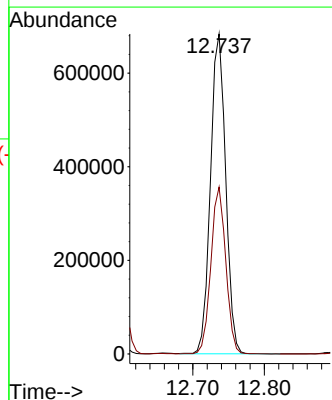
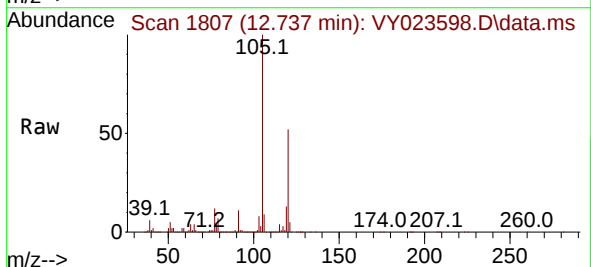
Manual Integrations
APPROVED

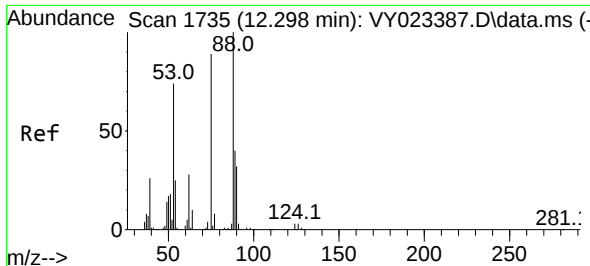
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 61.152 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

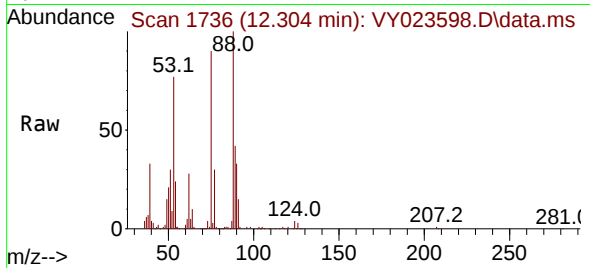
Tgt Ion:105 Resp: 1007981
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.780 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

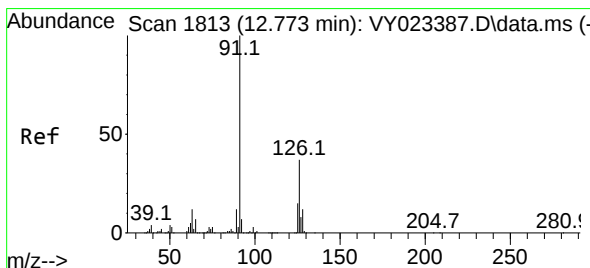
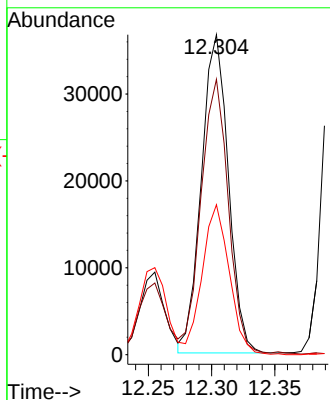
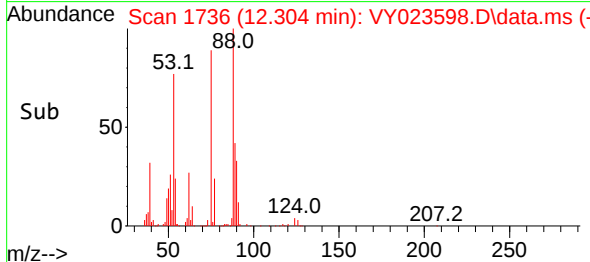
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5432
Ion Ratio Lower Upper
75 100
53 88.0 68.6 102.8
89 47.0 39.0 58.4

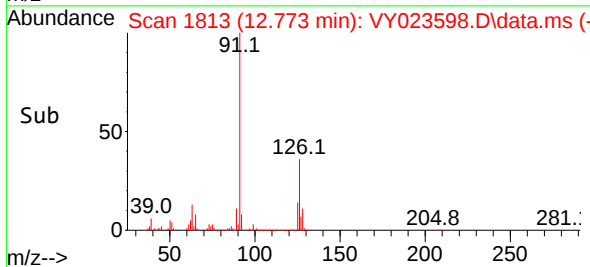
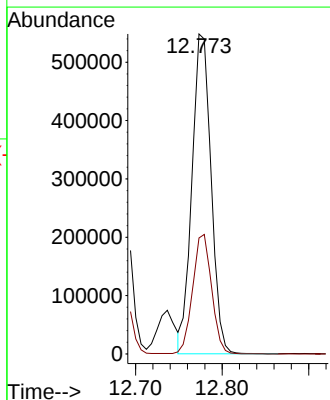
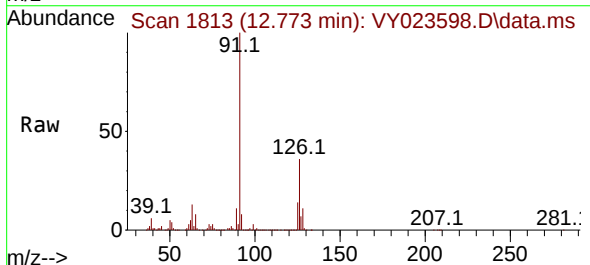
Manual Integrations
APPROVED

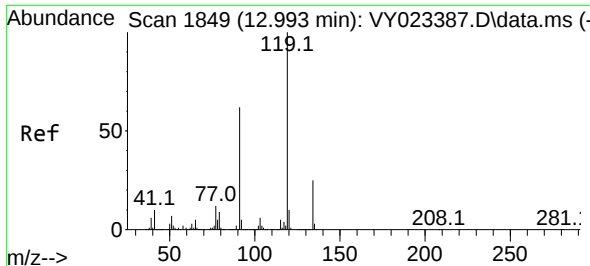
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#82
4-Chlorotoluene
Concen: 59.010 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

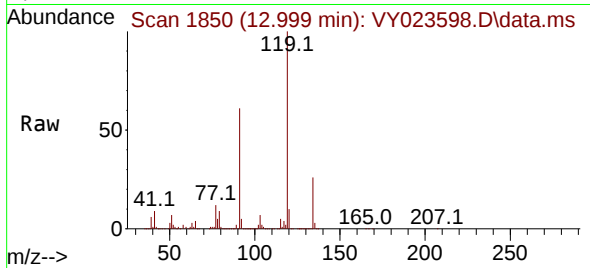
Tgt Ion: 91 Resp: 840070
Ion Ratio Lower Upper
91 100
126 37.2 18.4 55.4





#83
tert-Butylbenzene
Concen: 60.941 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

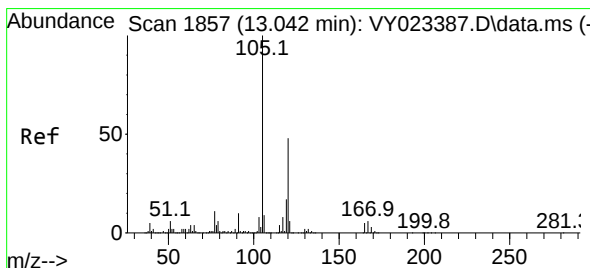
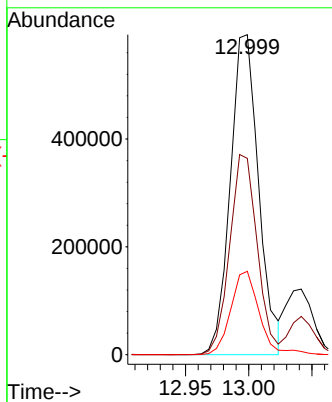
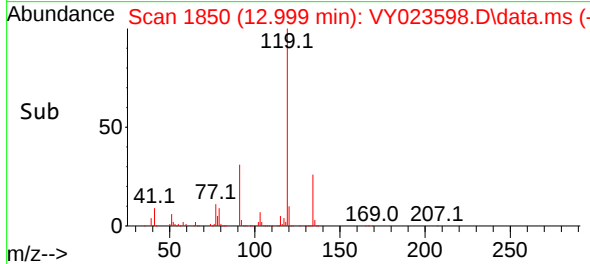
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 927474
Ion Ratio Lower Upper
119 100
91 60.8 29.9 89.8
134 26.3 12.9 38.7

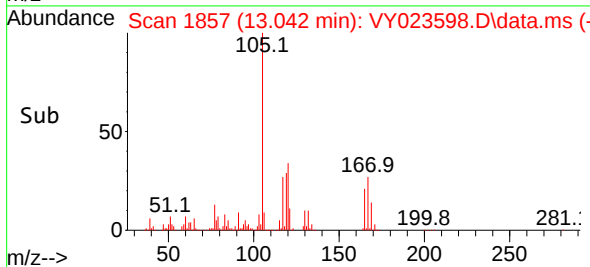
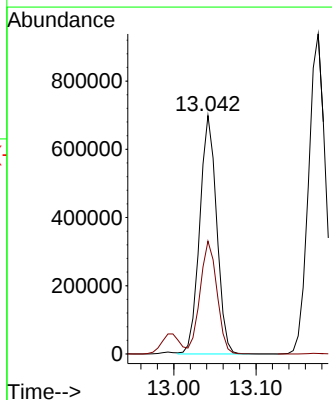
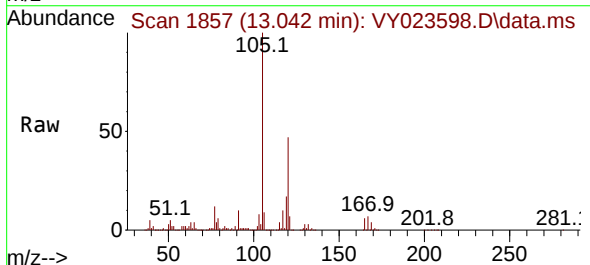
Manual Integrations
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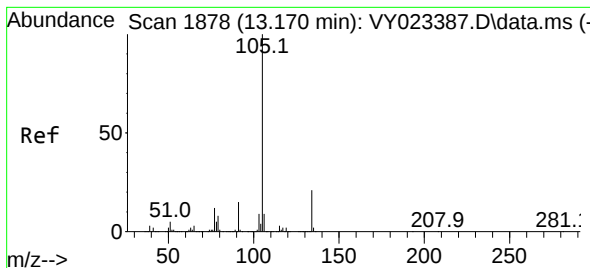
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 60.739 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

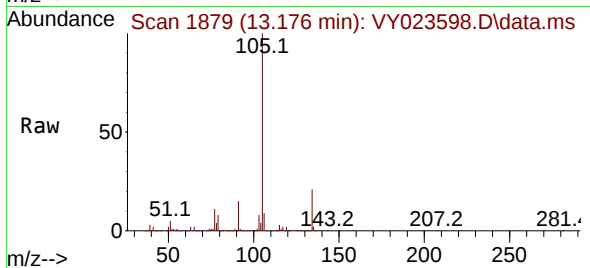
Tgt Ion:105 Resp: 999176
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 61.804 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02

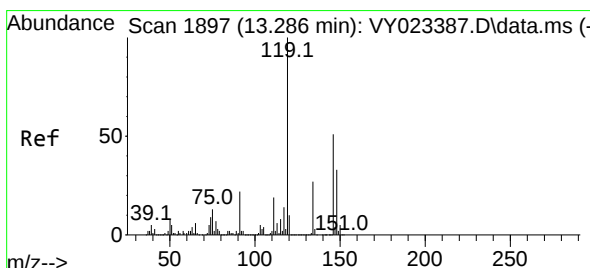
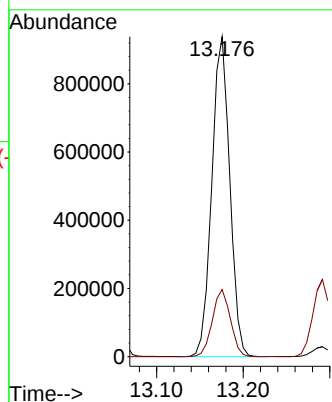
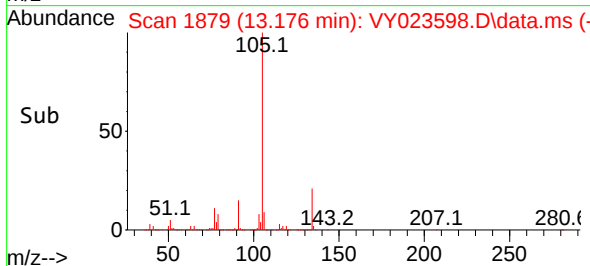
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1349280
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1

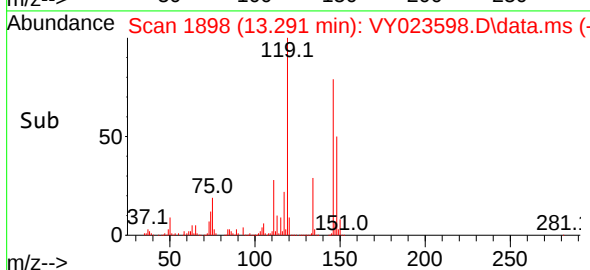
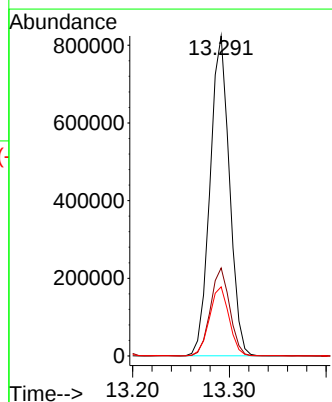
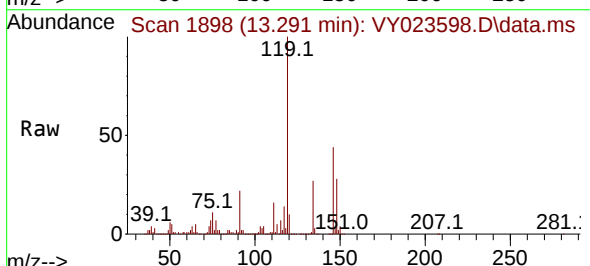
Manual Integrations
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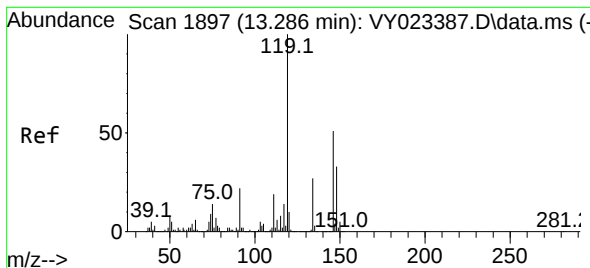
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#86
 p-Isopropyltoluene
 Concen: 61.748 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02

Tgt Ion:119 Resp: 1147771
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 57.261 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 60468

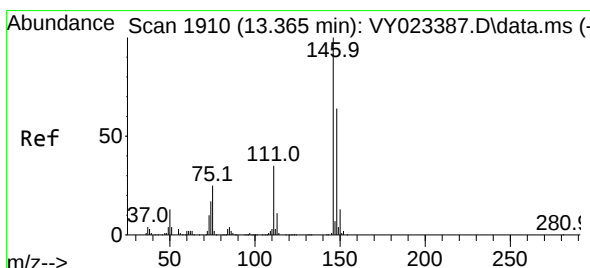
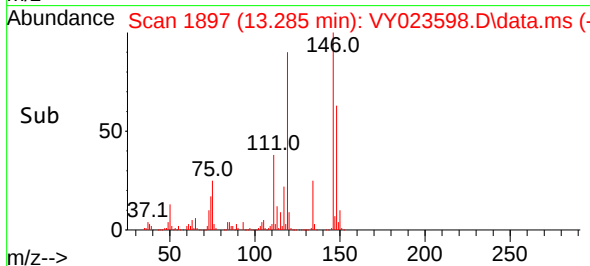
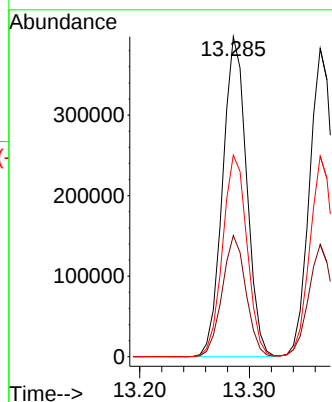
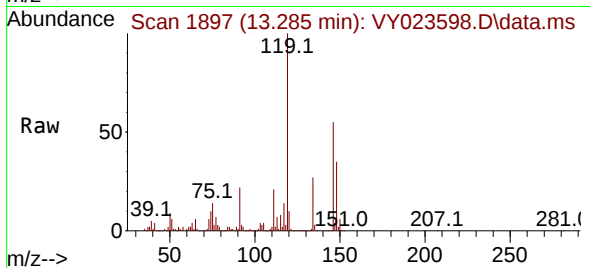
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.0	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#88

1,4-Dichlorobenzene

Concen: 55.787 ug/l

RT: 13.365 min Scan# 1910

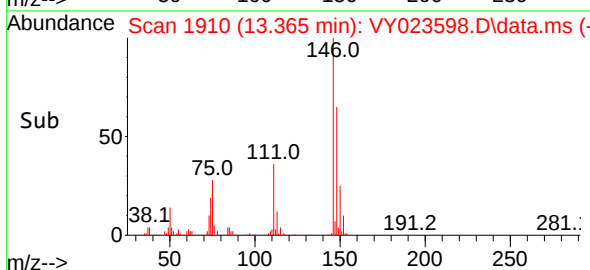
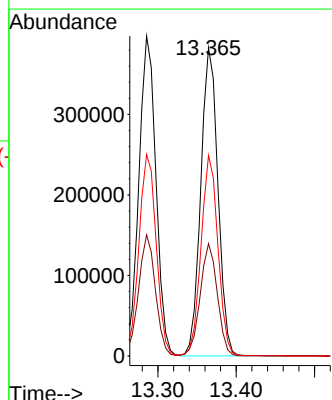
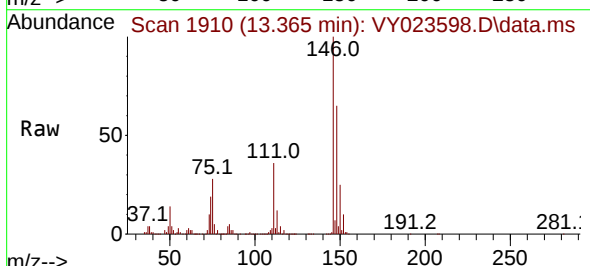
Delta R.T. -0.000 min

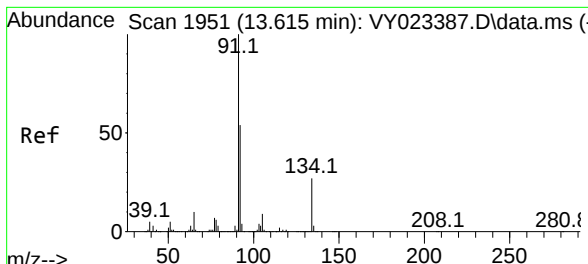
Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Tgt Ion:146 Resp: 581837

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.0	54.0
148	64.1	31.9	95.7





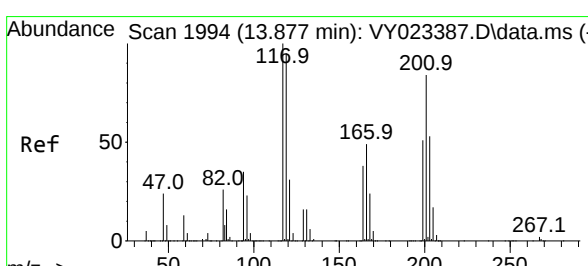
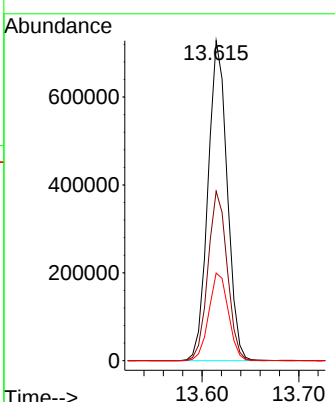
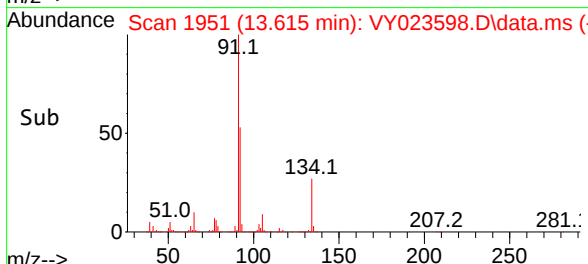
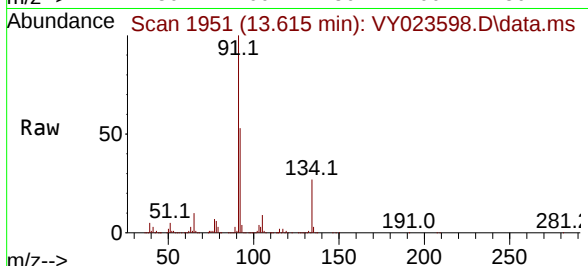
#89
 n-Butylbenzene
 Concen: 62.027 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02

Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050

Tgt Ion: 91 Resp: 100462

Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.0	80.8
134	27.9	14.1	42.2

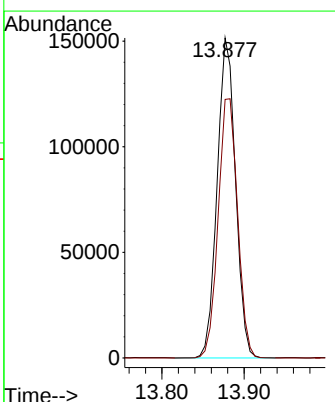
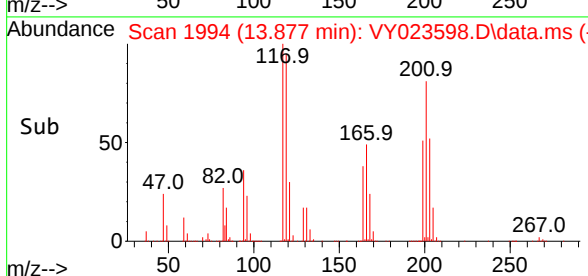
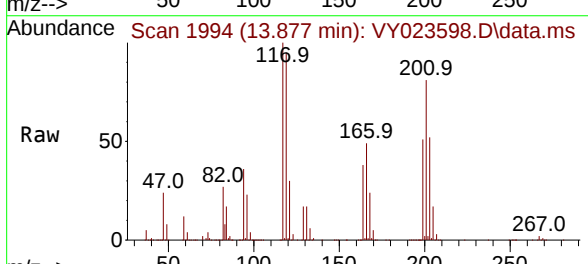
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

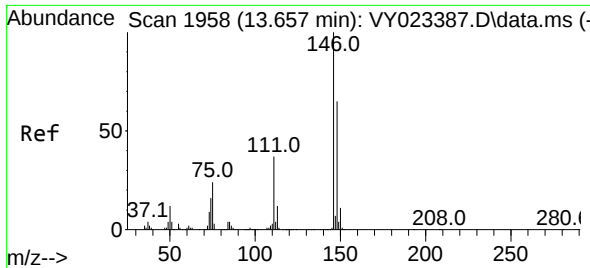


#90
 Hexachloroethane
 Concen: 58.793 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023598.D
 Acq: 28 Oct 2025 09:02

Tgt Ion:117 Resp: 235053

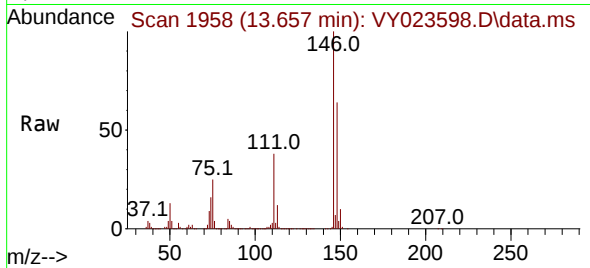
Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 55.907 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02

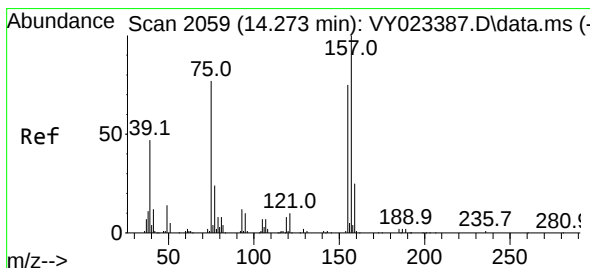
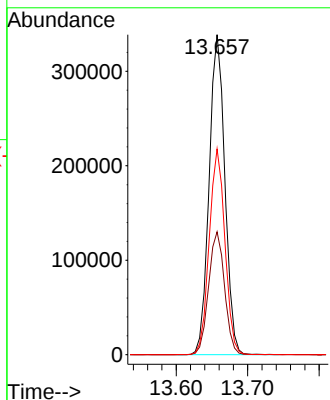
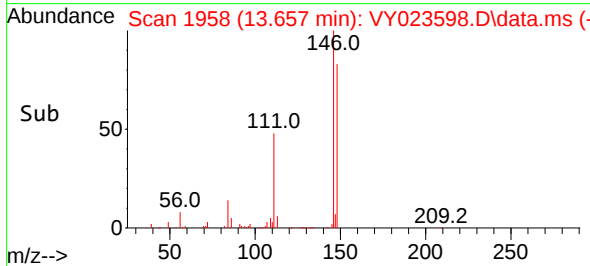
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



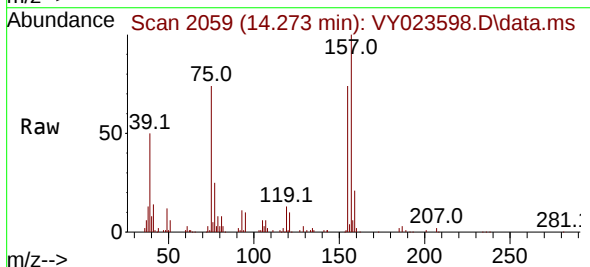
Tgt Ion:146 Resp: 51760
Ion Ratio Lower Upper
146 100
111 39.0 19.0 57.0
148 64.2 32.1 96.3

Manual Integrations
APPROVED

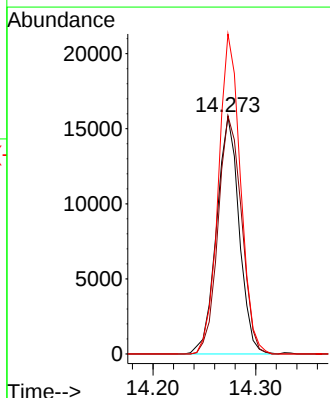
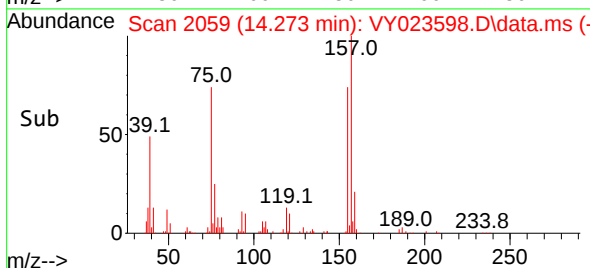
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

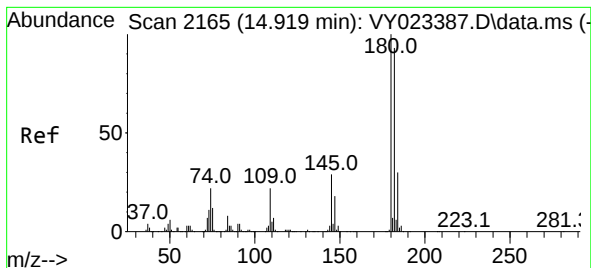


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.034 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023598.D
Acq: 28 Oct 2025 09:02



Tgt Ion: 75 Resp: 24105
Ion Ratio Lower Upper
75 100
155 104.0 50.0 150.0
157 131.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 54.085 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023598.D

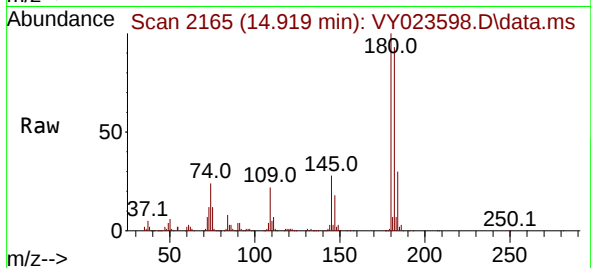
Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 312170

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.6

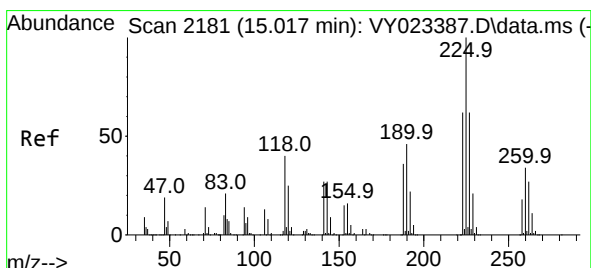
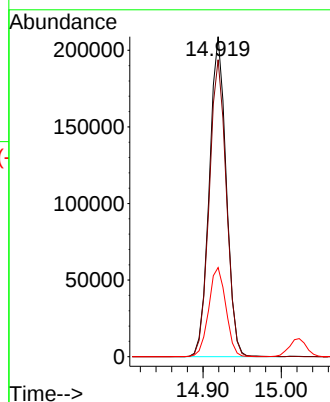
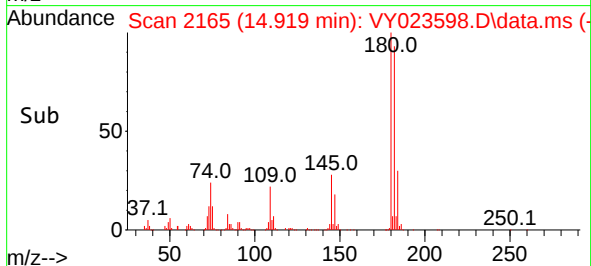
145 28.4 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#94

Hexachlorobutadiene

Concen: 58.878 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

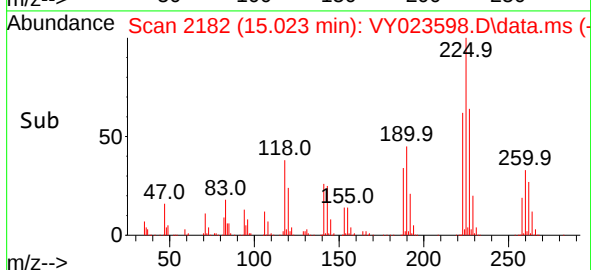
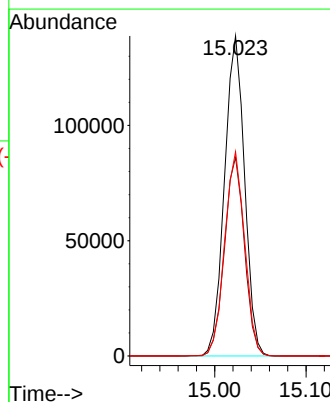
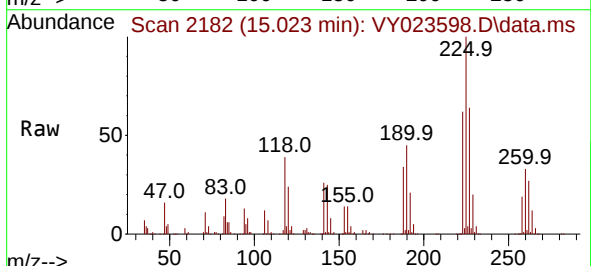
Tgt Ion:225 Resp: 211839

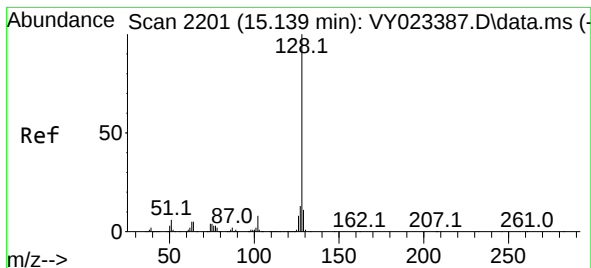
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 63.7 31.9 95.7





#95

Naphthalene

Concen: 47.574 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 43725

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

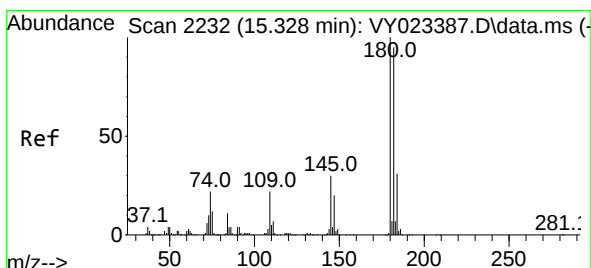
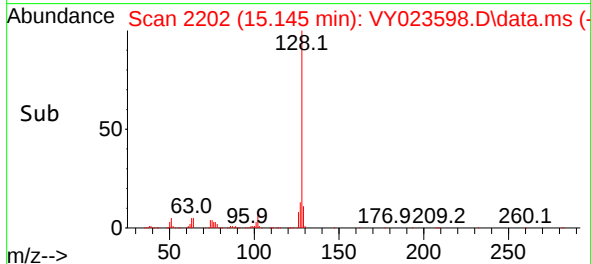
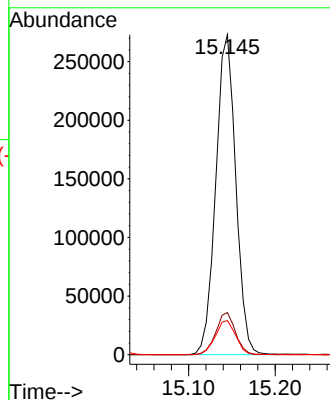
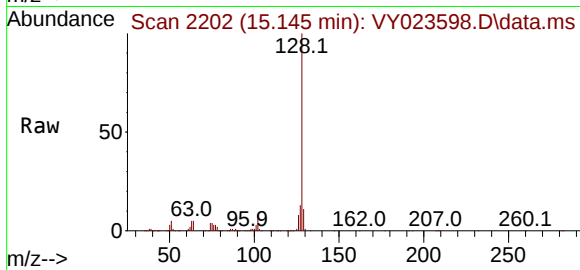
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.202 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023598.D

Acq: 28 Oct 2025 09:02

Tgt Ion:180 Resp: 260982

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 30.5 15.3 45.9

