

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023588.D
 Acq On : 27 Oct 2025 10:39
 Operator : SY/MD
 Sample : VY1027SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 04:37:01 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	7.707	168	484571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	706753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	619972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	325402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193100	47.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.300%		
35) Dibromofluoromethane	7.634	113	220579	50.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.580%		
50) Toluene-d8	10.109	98	819582	50.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.360%		
62) 4-Bromofluorobenzene	12.402	95	266662	49.943	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73923	21.194	ug/l	98
3) Chloromethane	2.074	50	94310	19.849	ug/l	98
4) Vinyl Chloride	2.208	62	126987	20.519	ug/l	98
5) Bromomethane	2.592	94	112407	21.644	ug/l	96
6) Chloroethane	2.733	64	90066	21.350	ug/l	99
7) Trichlorofluoromethane	3.056	101	183391	21.342	ug/l	98
8) Diethyl Ether	3.458	74	46778	20.833	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	99618	22.341	ug/l	100
10) Methyl Iodide	4.007	142	106832	21.521	ug/l	99
11) Tert butyl alcohol	4.860	59	29585	98.142	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	91956	21.274	ug/l	95
13) Acrolein	3.653	56	19614	46.047	ug/l	100
14) Allyl chloride	4.385	41	110880	21.048	ug/l	98
15) Acrylonitrile	5.061	53	87514	101.845	ug/l	100
16) Acetone	3.866	43	130974	135.771	ug/l	100
17) Carbon Disulfide	4.110	76	251206	20.305	ug/l	99
18) Methyl Acetate	4.385	43	48856	19.307	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	215745	20.767	ug/l	99
20) Methylene Chloride	4.622	84	109898	21.068	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	103236	21.693	ug/l	96
22) Diisopropyl ether	6.025	45	255265	21.907	ug/l	97
23) Vinyl Acetate	5.964	43	652418	103.440	ug/l	100
24) 1,1-Dichloroethane	5.915	63	170247	22.057	ug/l	97
25) 2-Butanone	6.896	43	139522	118.469	ug/l	97
26) 2,2-Dichloropropane	6.884	77	158961	22.444	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	123697	22.502	ug/l	96
28) Bromochloromethane	7.244	49	61569	21.367	ug/l	99
29) Tetrahydrofuran	7.268	42	64637	96.785	ug/l	100
30) Chloroform	7.421	83	193159	22.777	ug/l	98
31) Cyclohexane	7.701	56	137180	20.351	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	171904	22.306	ug/l	99
36) 1,1-Dichloropropene	7.835	75	127622	22.198	ug/l	99
37) Ethyl Acetate	6.988	43	48817	21.433	ug/l	97
38) Carbon Tetrachloride	7.817	117	156052	22.385	ug/l	99
39) Methylcyclohexane	9.109	83	158531	21.178	ug/l	98
40) Benzene	8.079	78	413668	22.720	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	24141	19.597	ug/l #	71
42) 1,2-Dichloroethane	8.158	62	102374	21.802	ug/l	100
43) Isopropyl Acetate	8.195	43	89935	19.802	ug/l	98
44) Trichloroethene	8.866	130	118439	22.225	ug/l	98
45) 1,2-Dichloropropane	9.140	63	90936	22.612	ug/l	99
46) Dibromomethane	9.231	93	55078	21.659	ug/l	98
47) Bromodichloromethane	9.426	83	143726	22.441	ug/l	99
48) Methyl methacrylate	9.219	41	42714	20.019	ug/l	98
49) 1,4-Dioxane	9.231	88	11995	406.835	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	241896	103.085	ug/l	98
52) Toluene	10.170	92	269255	22.776	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	118047	21.198	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	145757	22.177	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	77711	22.725	ug/l	97
56) Ethyl methacrylate	10.438	69	78113	19.803	ug/l	99
57) 1,3-Dichloropropane	10.719	76	120242	22.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	166565	94.260	ug/l	99
59) 2-Hexanone	10.762	43	189661	113.098	ug/l	99
60) Dibromochloromethane	10.914	129	105104	21.922	ug/l	98
61) 1,2-Dibromoethane	11.018	107	70658	21.666	ug/l	100
64) Tetrachloroethene	10.646	164	147698	23.073	ug/l	98
65) Chlorobenzene	11.444	112	304353	22.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	109178	22.721	ug/l	98
67) Ethyl Benzene	11.518	91	484581	22.201	ug/l	100
68) m/p-Xylenes	11.627	106	390520	44.607	ug/l	98
69) o-Xylene	11.956	106	179997	21.920	ug/l	99
70) Styrene	11.969	104	301330	22.315	ug/l	100
71) Bromoform	12.133	173	64644	21.688	ug/l	99
73) Isopropylbenzene	12.255	105	475826	22.189	ug/l	100
74) N-amyl acetate	12.072	43	74645	19.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	73229	20.879	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	54116m	18.850	ug/l	
77) Bromobenzene	12.530	156	123258	21.620	ug/l	100
78) n-propylbenzene	12.597	91	558261	22.496	ug/l	100
79) 2-Chlorotoluene	12.676	91	322587	22.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	388839	22.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22707	19.395	ug/l	97
82) 4-Chlorotoluene	12.773	91	332694	22.230	ug/l	99
83) tert-Butylbenzene	12.999	119	356347	22.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	391778	22.654	ug/l	99
85) sec-Butylbenzene	13.176	105	519994	22.656	ug/l	100
86) p-Isopropyltoluene	13.292	119	435093	22.265	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	243437	21.928	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	240439	21.929	ug/l	98
89) n-Butylbenzene	13.615	91	373775	21.952	ug/l	99
90) Hexachloroethane	13.877	117	91694	21.816	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	213663	21.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11437	19.873	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	123920	20.422	ug/l	99
94) Hexachlorobutadiene	15.023	225	83375	22.043	ug/l	99
95) Naphthalene	15.145	128	178910	18.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	106184	20.203	ug/l	100

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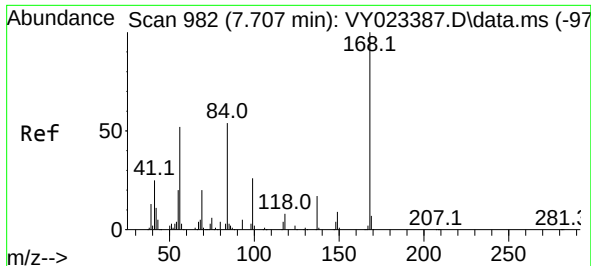
Manual Integrations
APPROVED

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Response via : Initial Calibration

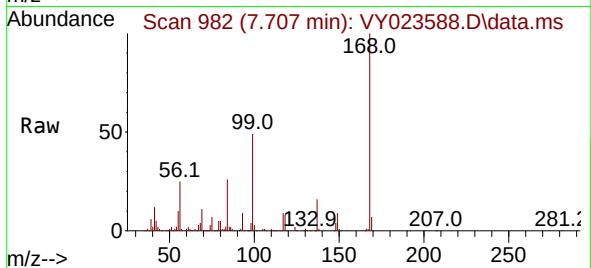
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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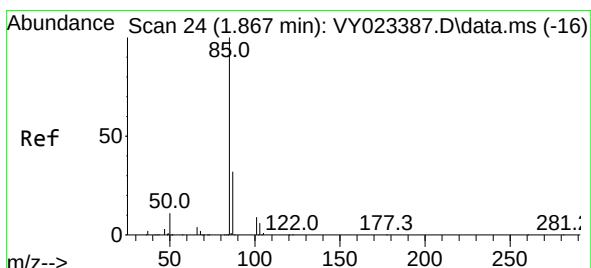
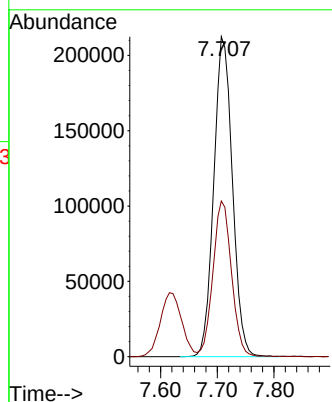
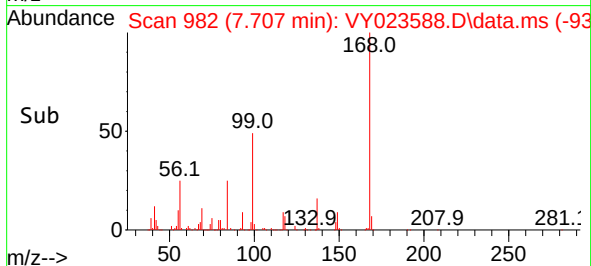
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion:168 Resp: 48457
Ion Ratio Lower Upper
168 100
99 48.5 39.7 59.5

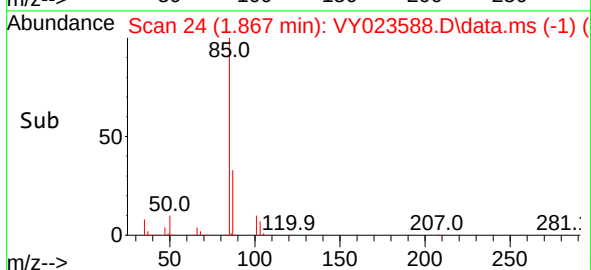
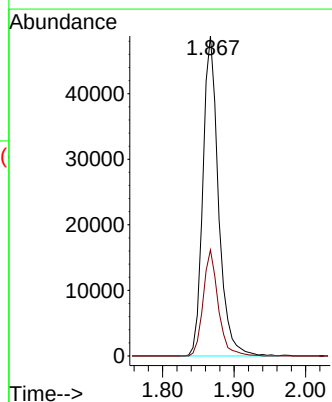
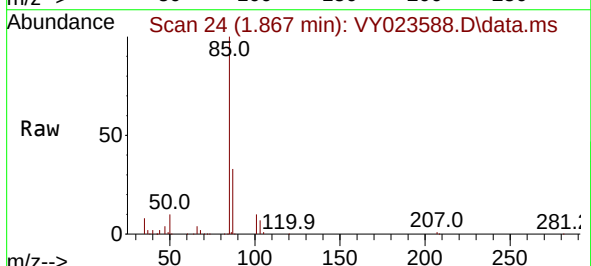
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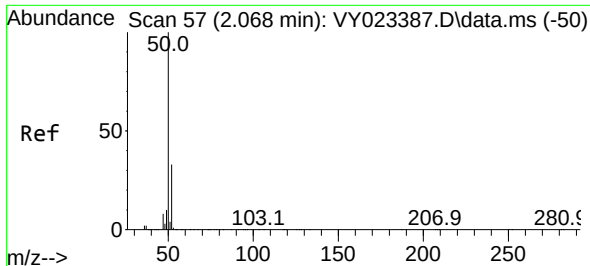
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#2
Dichlorodifluoromethane
Concen: 21.194 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Tgt Ion: 85 Resp: 73923
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9





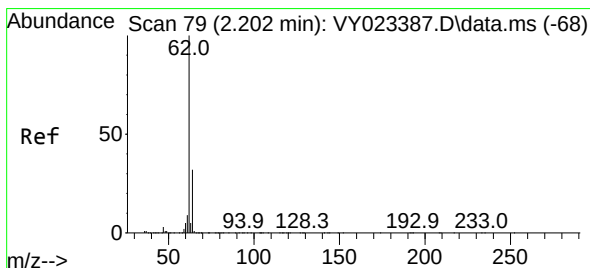
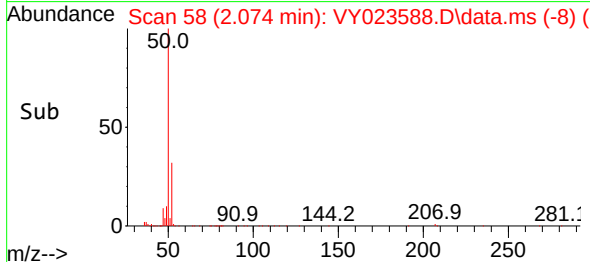
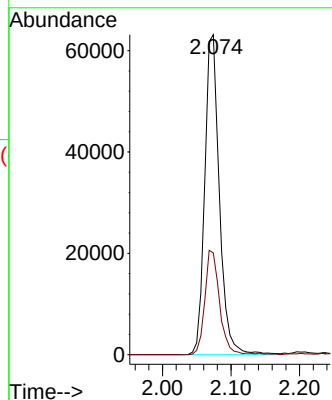
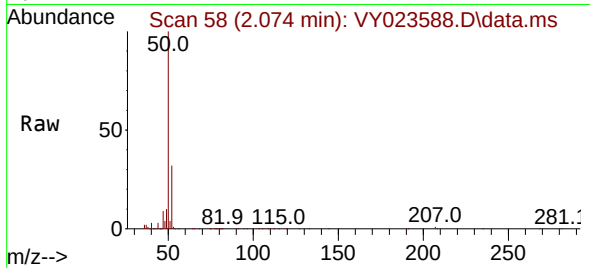
#3
Chloromethane
Concen: 19.849 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023588.D
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Tgt Ion: 50 Resp: 94310
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2

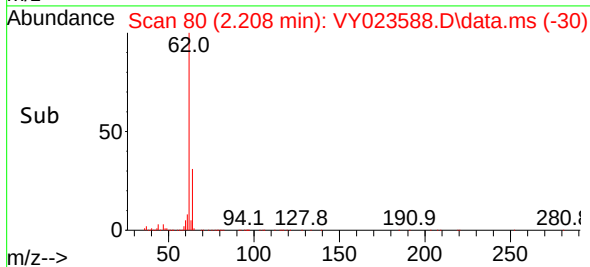
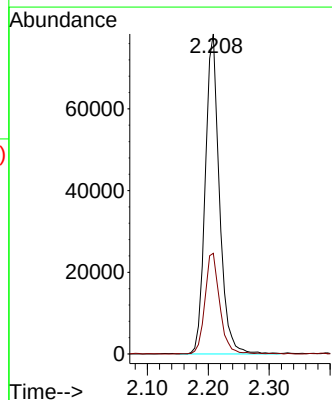
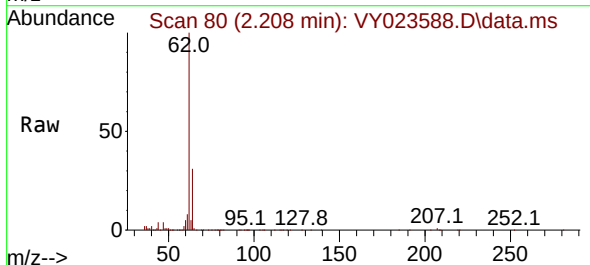
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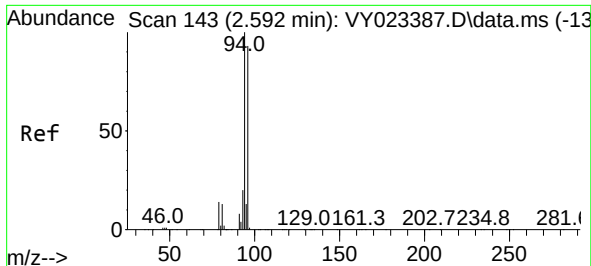
Reviewed By :Amit Patel 10/28/2025
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#4
Vinyl Chloride
Concen: 20.519 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

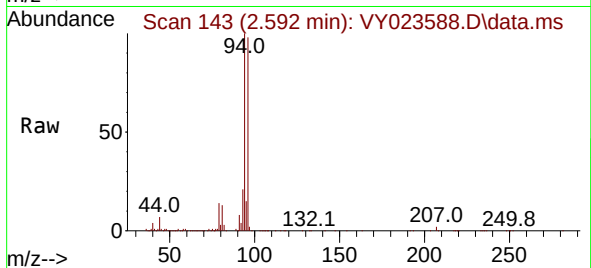
Tgt Ion: 62 Resp: 126987
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.8





#5
Bromomethane
Concen: 21.644 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

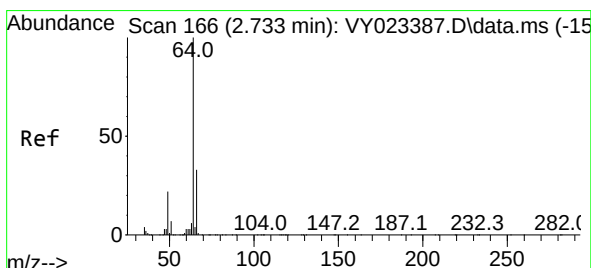
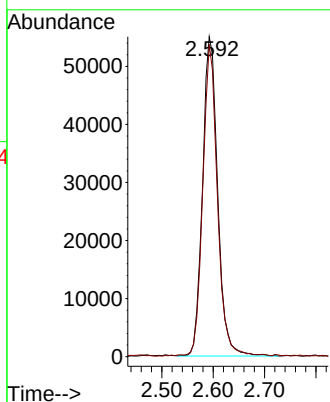
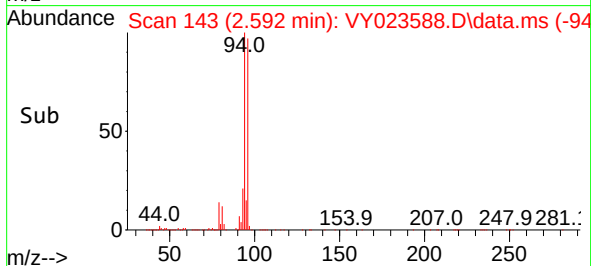
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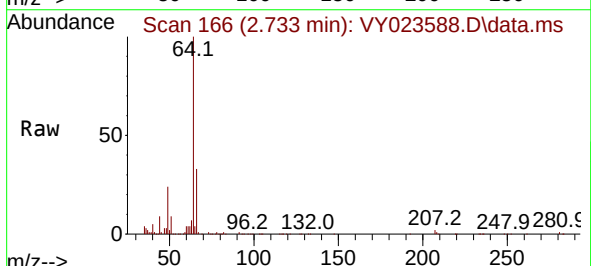
Tgt Ion: 94 Resp: 11240
Ion Ratio Lower Upper
94 100
96 97.2 74.5 111.7

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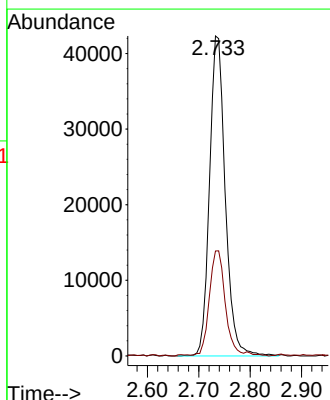
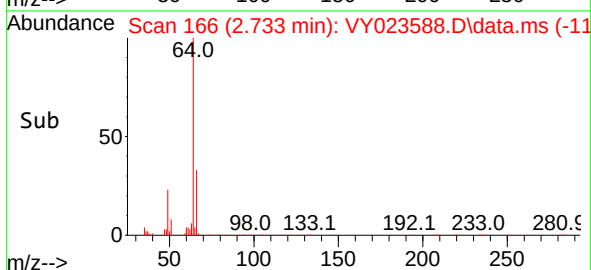
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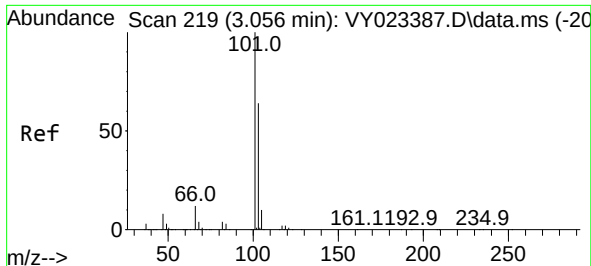


#6
Chloroethane
Concen: 21.350 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023588.D
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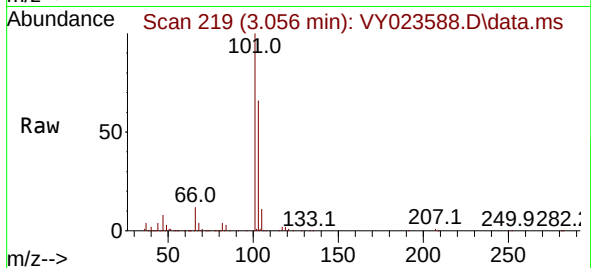
Tgt Ion: 64 Resp: 90066
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.342 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023588.D
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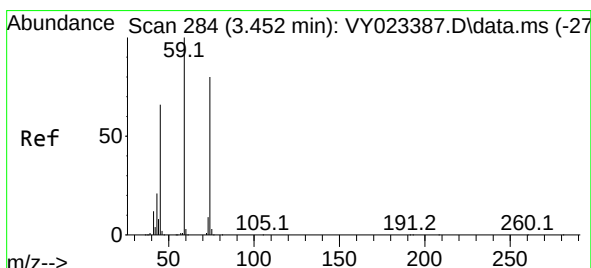
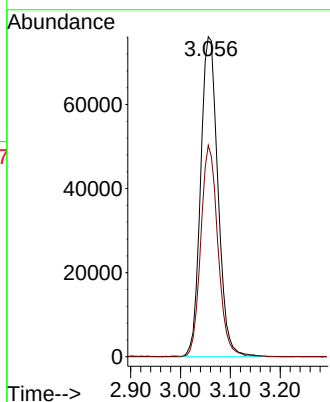
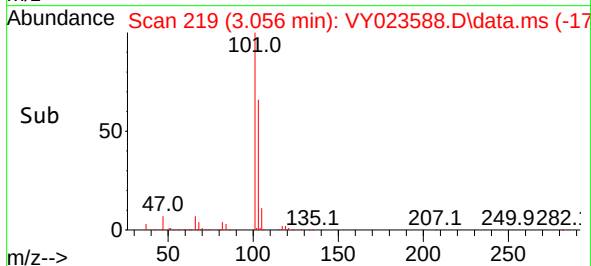
Instrument :
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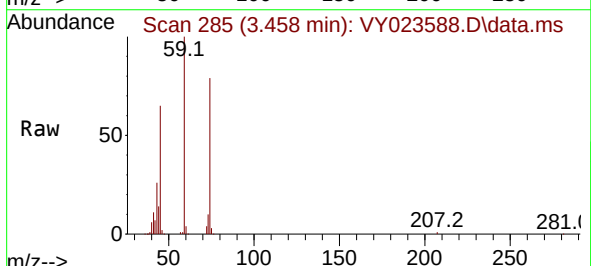
Tgt Ion:101 Resp: 18339
Ion Ratio Lower Upper
101 100
103 66.0 51.3 76.9

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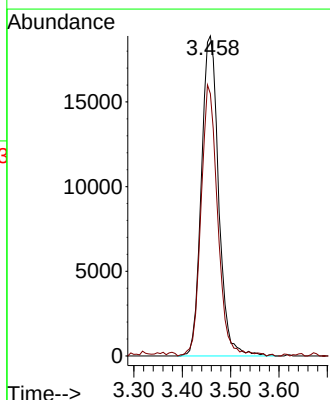
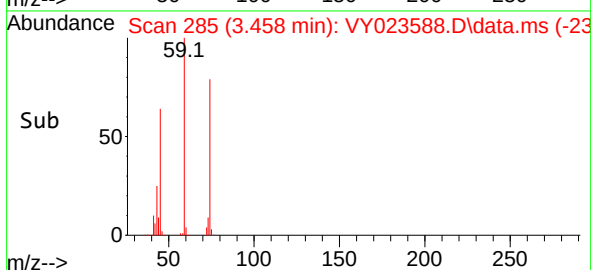
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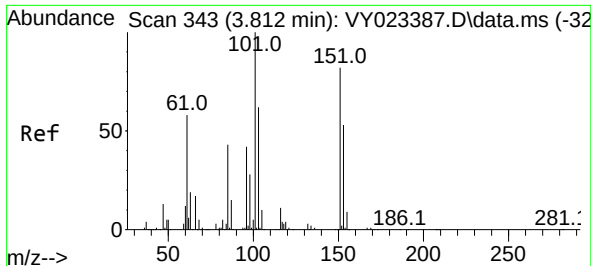


#8
Diethyl Ether
Concen: 20.833 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 46778
Ion Ratio Lower Upper
74 100
45 81.9 39.9 119.7





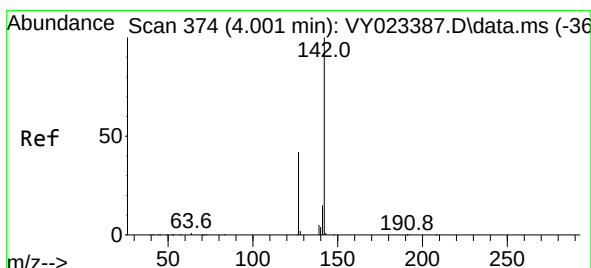
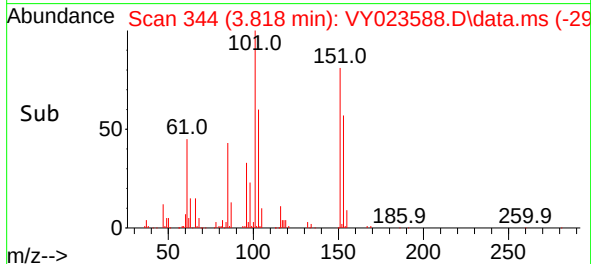
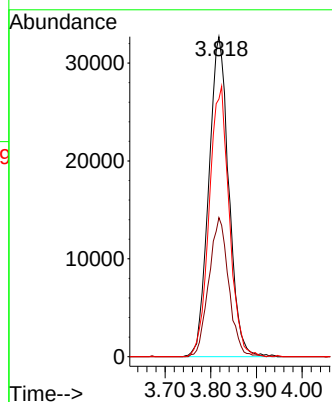
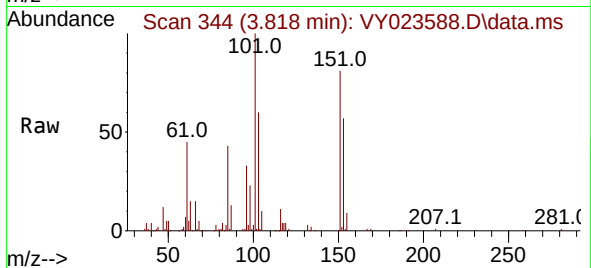
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.341 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion:101 Resp: 99618
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 84.2 67.0 100.6

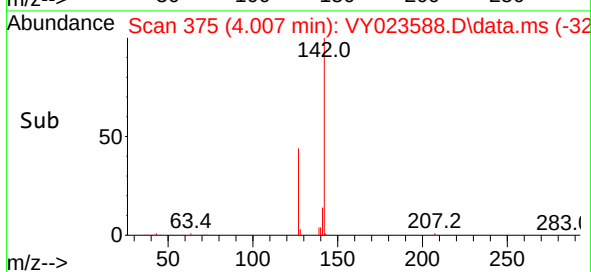
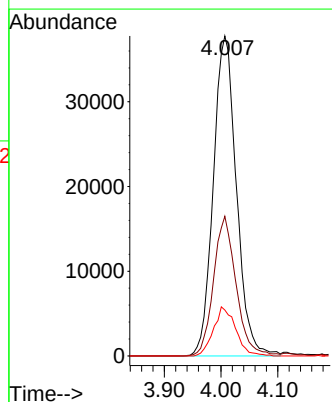
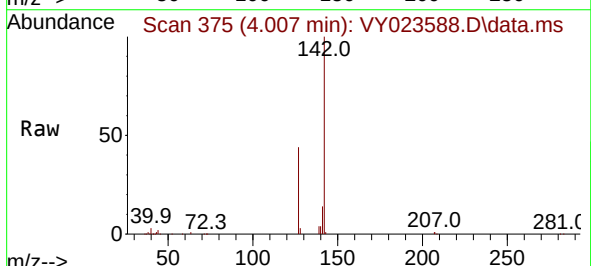
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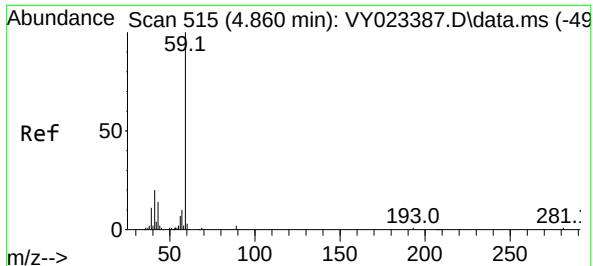
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#10
Methyl Iodide
Concen: 21.521 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Tgt Ion:142 Resp: 106832
Ion Ratio Lower Upper
142 100
127 42.6 34.8 52.2
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 98.142 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

Tgt Ion: 59 Resp: 2958

Ion Ratio Lower Upper

59 100

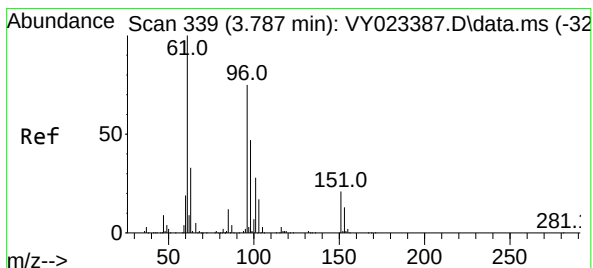
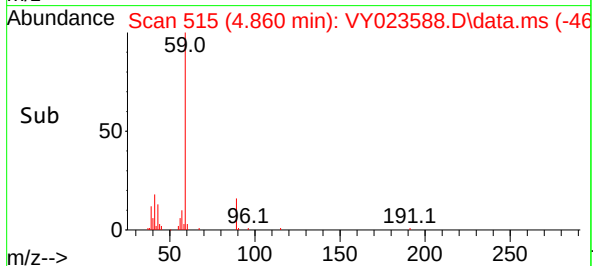
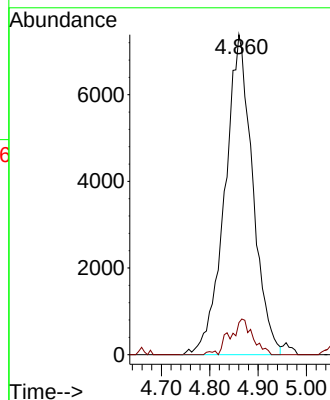
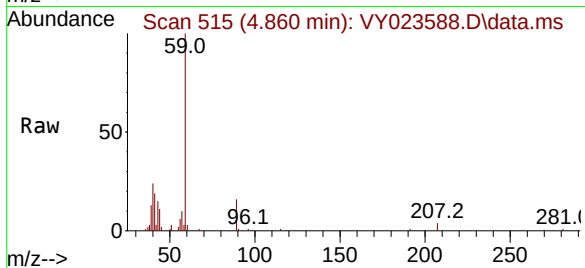
57 6.9 8.3 12.5

Manual Integrations

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Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#12

1,1-Dichloroethene

Concen: 21.274 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

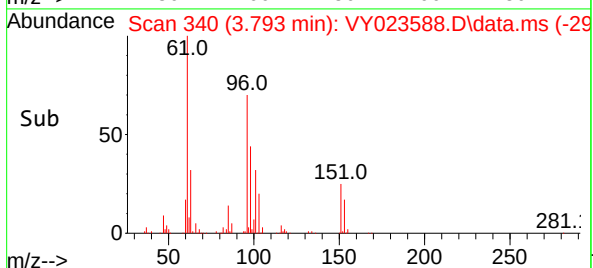
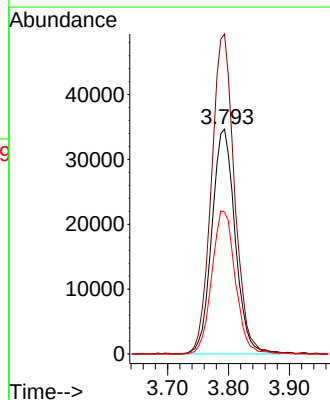
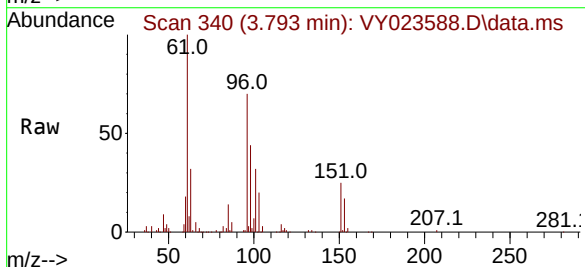
Tgt Ion: 96 Resp: 91956

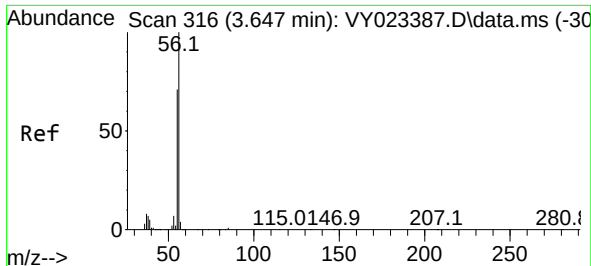
Ion Ratio Lower Upper

96 100

61 142.3 106.7 160.1

98 63.1 50.2 75.4





#13

Acrolein

Concen: 46.047 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

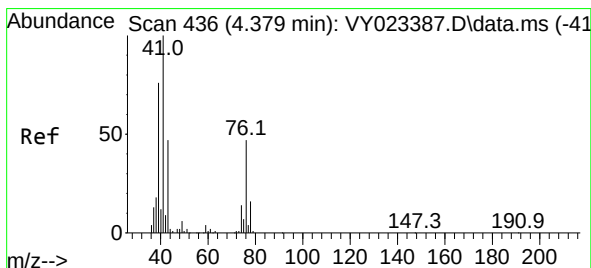
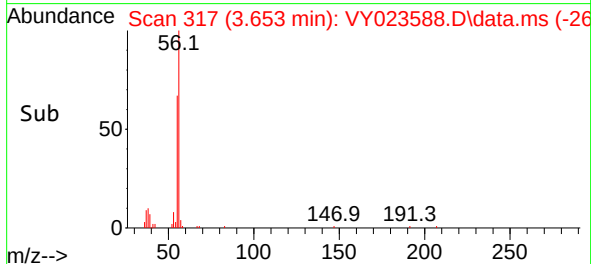
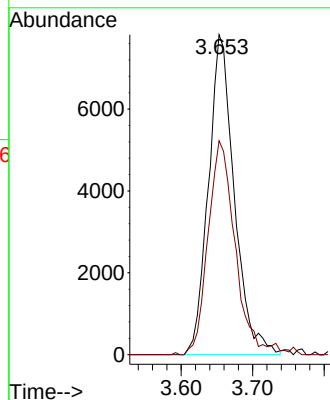
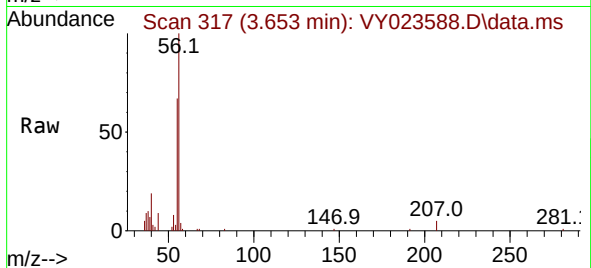
Tgt Ion: 56 Resp: 19614
 Ion Ratio Lower Upper
 56 100
 55 70.4 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#14

Allyl chloride

Concen: 21.048 ug/l

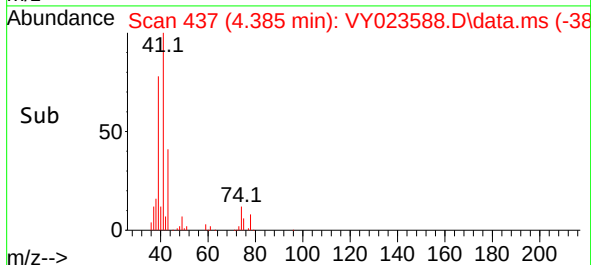
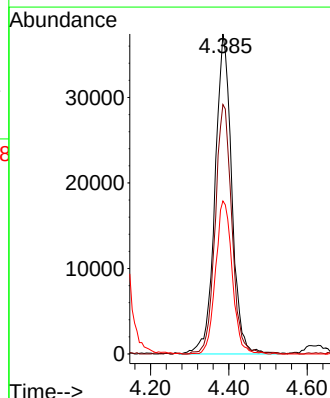
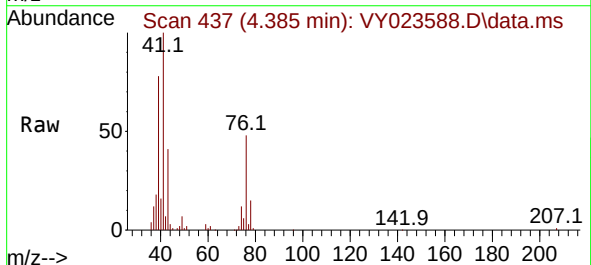
RT: 4.385 min Scan# 437

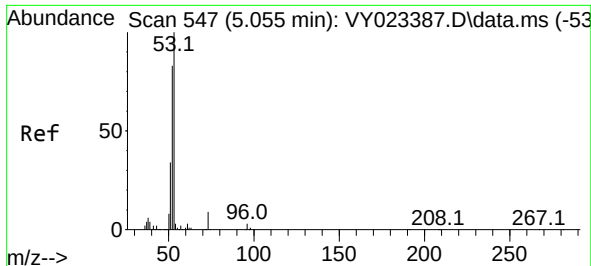
Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

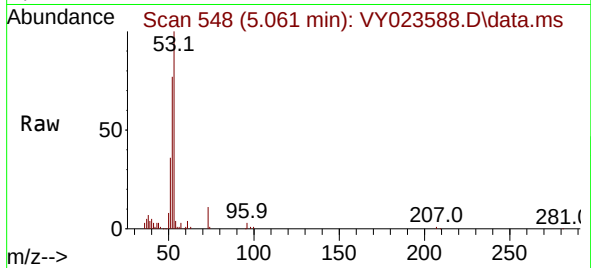
Tgt Ion: 41 Resp: 110880
 Ion Ratio Lower Upper
 41 100
 39 77.2 59.9 89.9
 76 47.6 38.0 57.0





#15
Acrylonitrile
Concen: 101.845 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

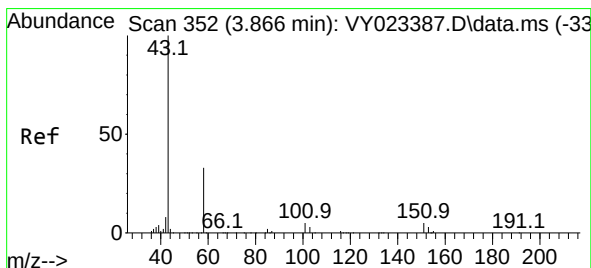
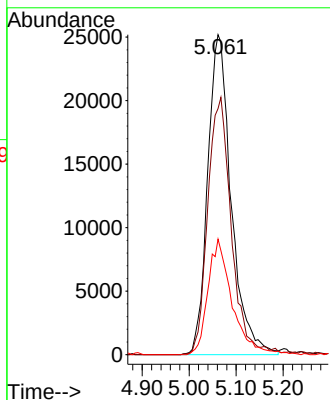
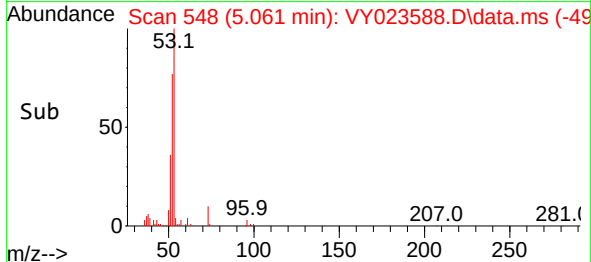
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



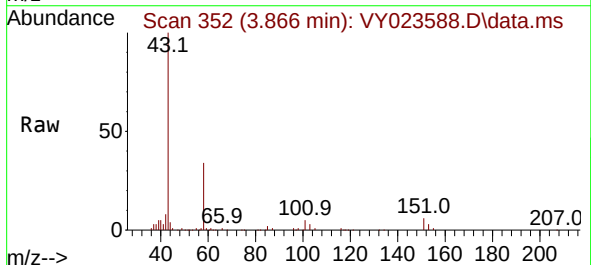
Tgt Ion: 53 Resp: 87514
Ion Ratio Lower Upper
53 100
52 80.7 64.6 97.0
51 37.2 29.5 44.3

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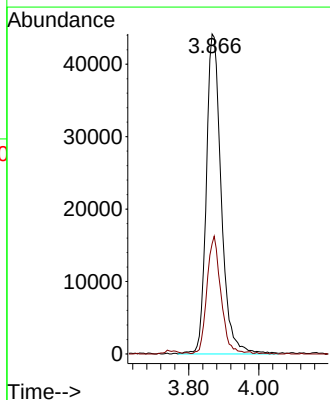
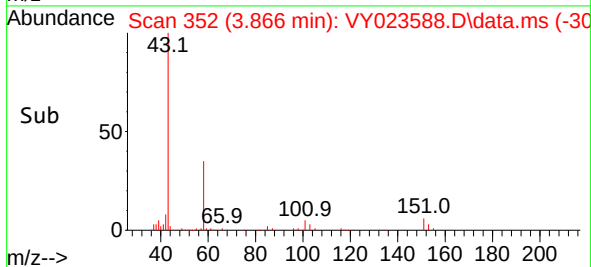
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

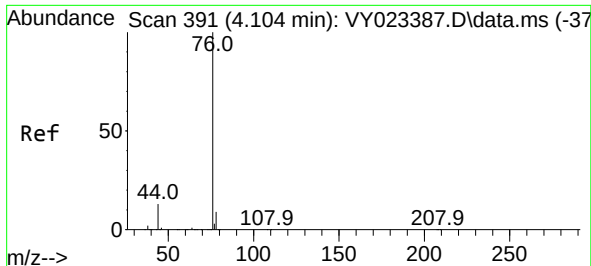


#16
Acetone
Concen: 135.771 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



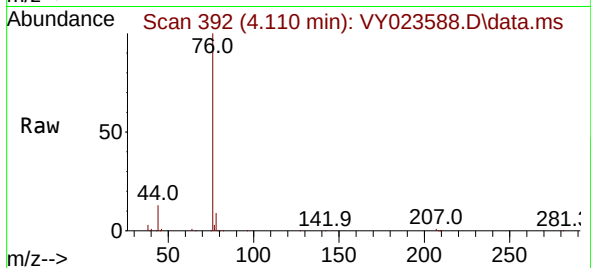
Tgt Ion: 43 Resp: 130974
Ion Ratio Lower Upper
43 100
58 34.4 27.7 41.5





#17
Carbon Disulfide
Concen: 20.305 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

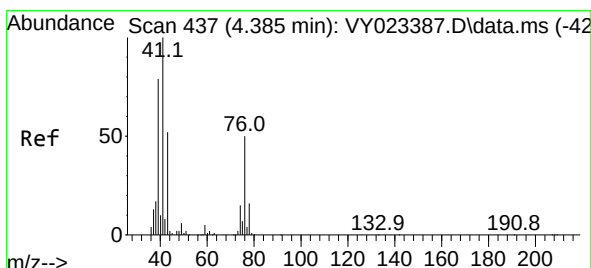
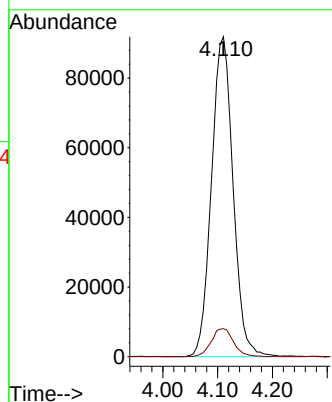
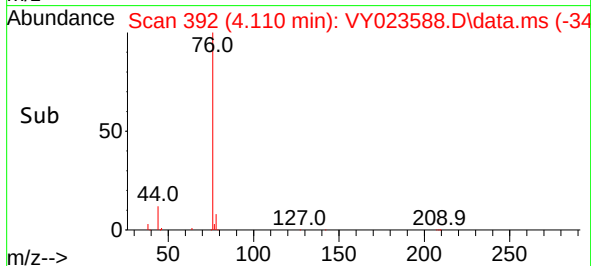
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion: 76 Resp: 251200
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

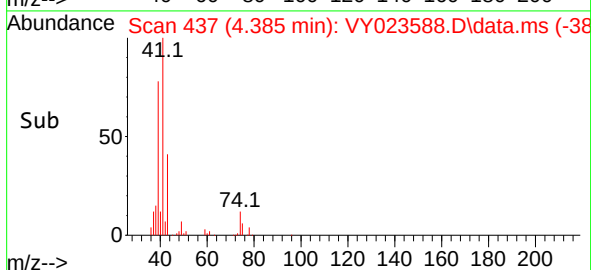
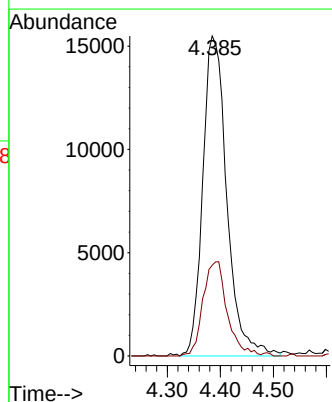
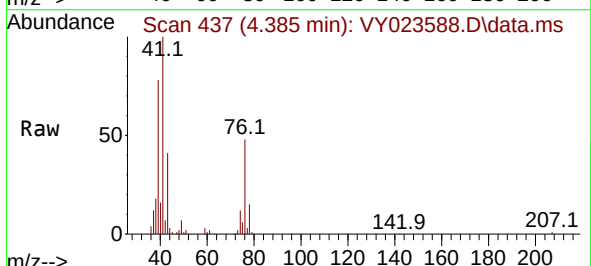
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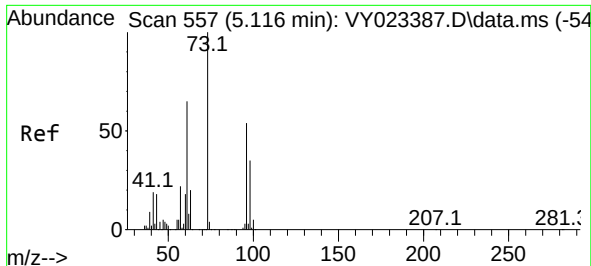
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#18
Methyl Acetate
Concen: 19.307 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

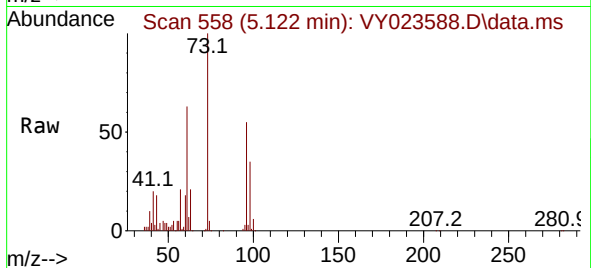
Tgt Ion: 43 Resp: 48856
Ion Ratio Lower Upper
43 100
74 29.5 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 20.767 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

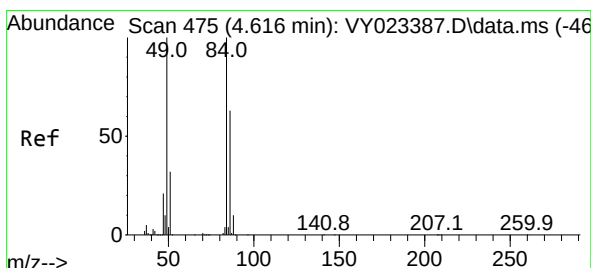
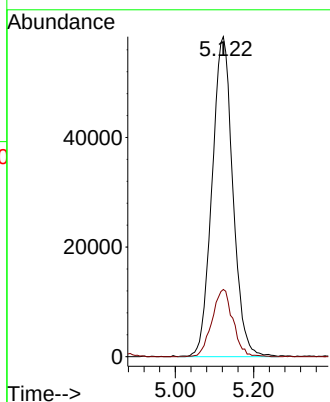
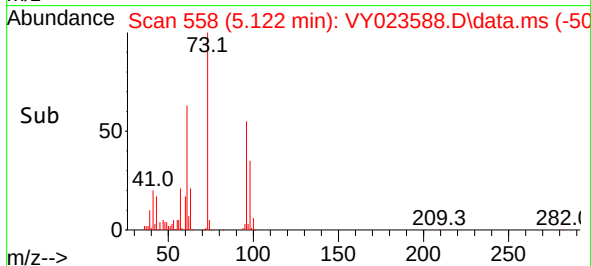
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



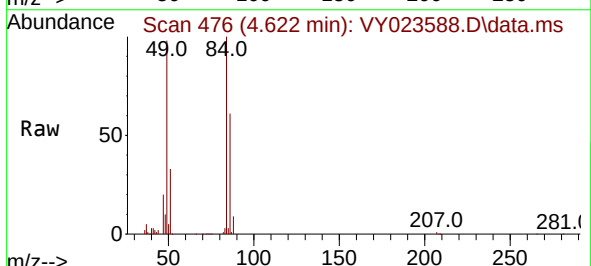
Tgt Ion: 73 Resp: 21574
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

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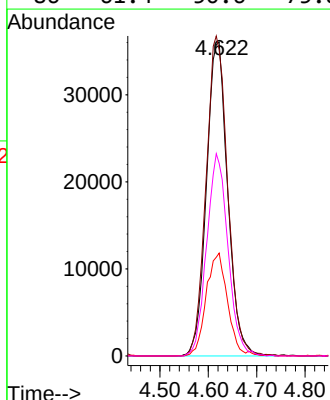
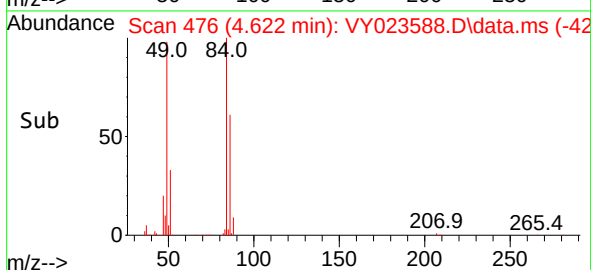
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

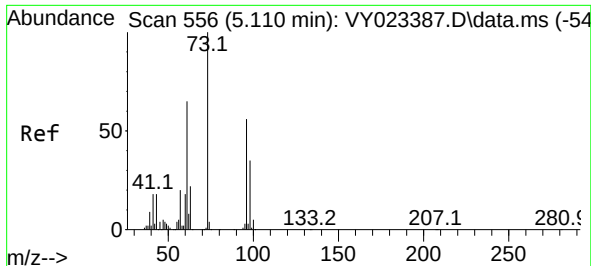


#20
Methylene Chloride
Concen: 21.068 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



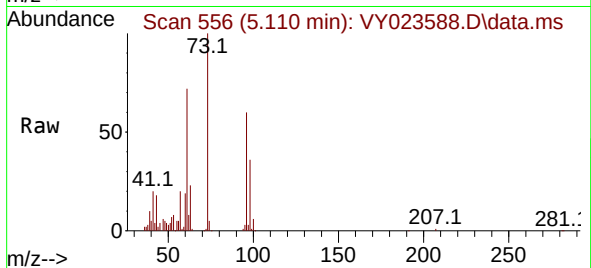
Tgt Ion: 84 Resp: 109898
Ion Ratio Lower Upper
84 100
49 97.5 80.2 120.4
51 32.8 25.9 38.9
86 61.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.693 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

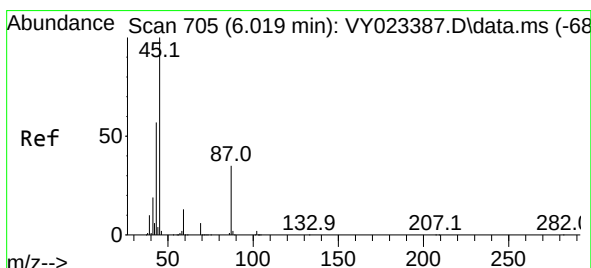
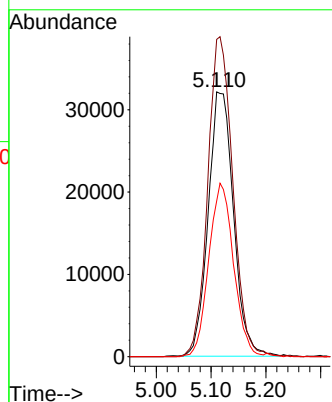
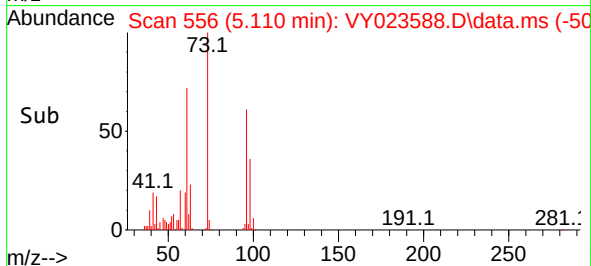
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



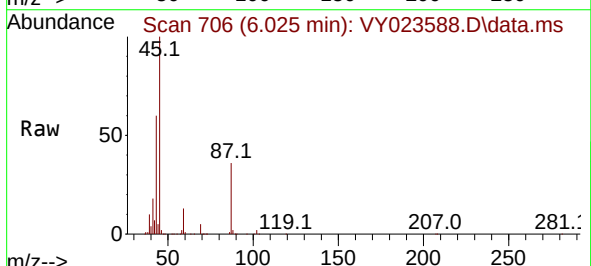
Tgt Ion: 96 Resp: 103230
Ion Ratio Lower Upper
96 100
61 119.7 92.7 139.1
98 58.9 49.7 74.5

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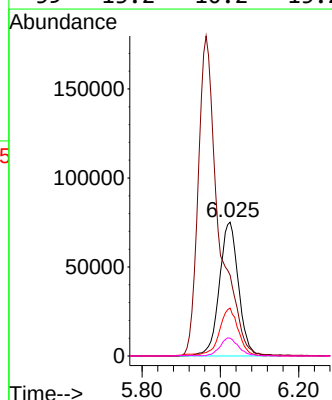
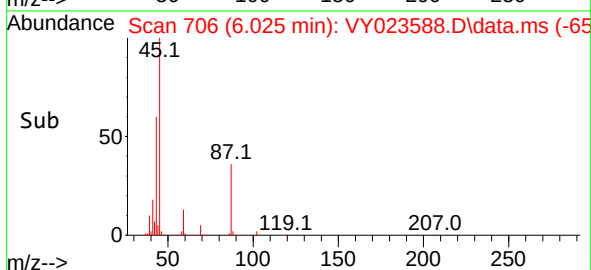
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

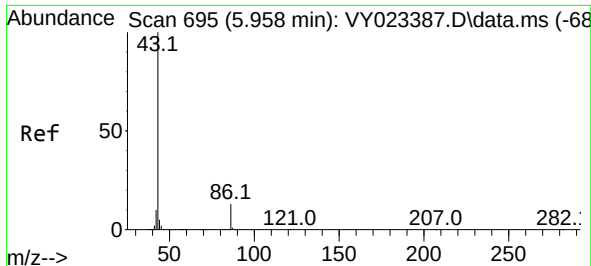


#22
Diisopropyl ether
Concen: 21.907 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



Tgt Ion: 45 Resp: 255265
Ion Ratio Lower Upper
45 100
43 60.1 45.6 68.4
87 35.8 28.1 42.1
59 13.2 10.2 15.2





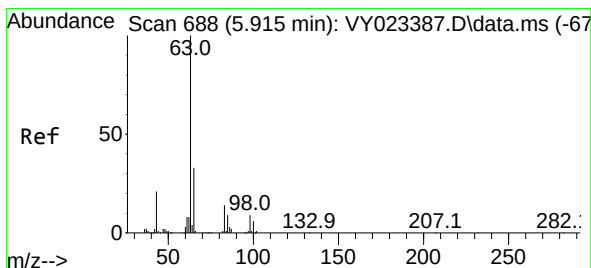
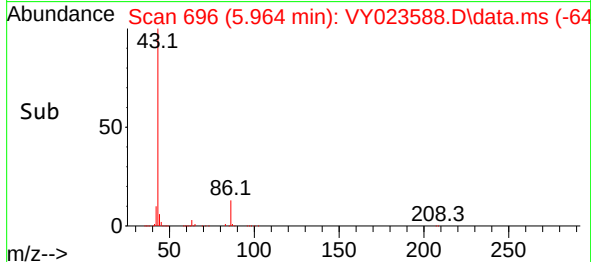
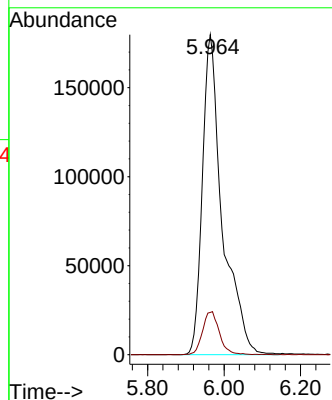
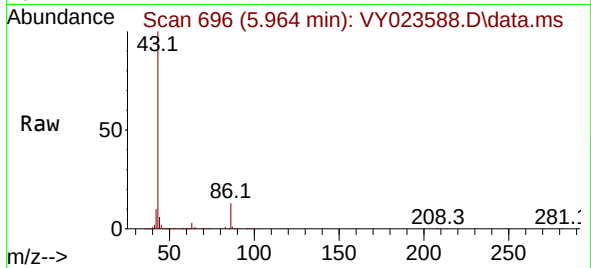
#23
 Vinyl Acetate
 Concen: 103.440 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBSD01

Tgt Ion: 43 Resp: 652418
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 15.8

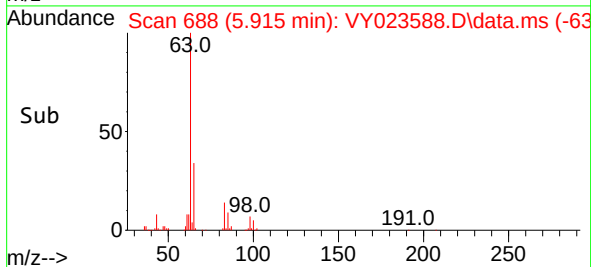
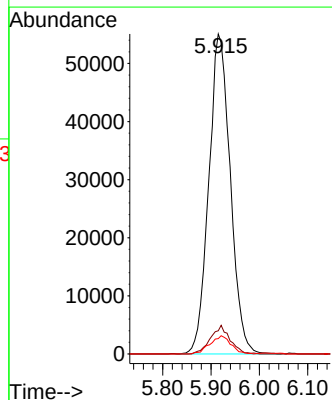
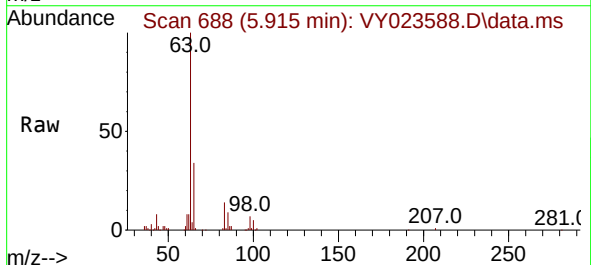
Manual Integrations
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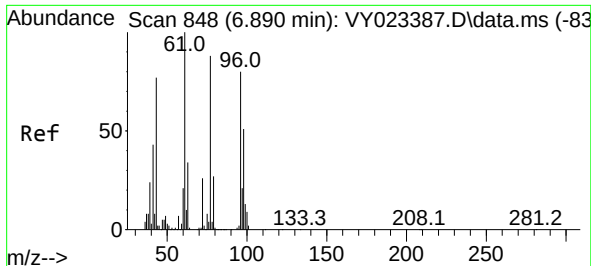
Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025



#24
 1,1-Dichloroethane
 Concen: 22.057 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

Tgt Ion: 63 Resp: 170247
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.3 13.1
 100 4.8 2.8 8.4





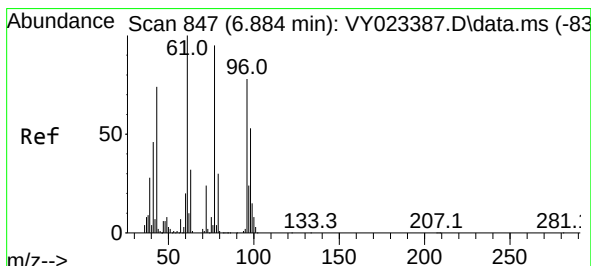
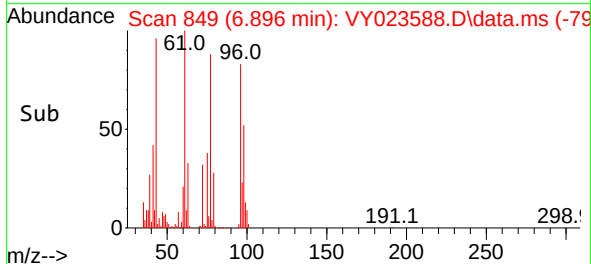
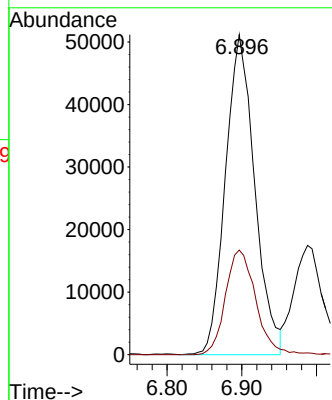
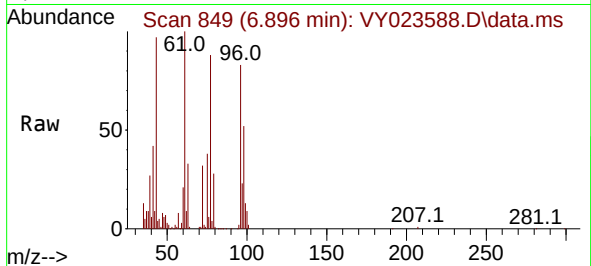
#25
2-Butanone
Concen: 118.469 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion: 43 Resp: 13952
Ion Ratio Lower Upper
43 100
72 32.7 27.4 41.2

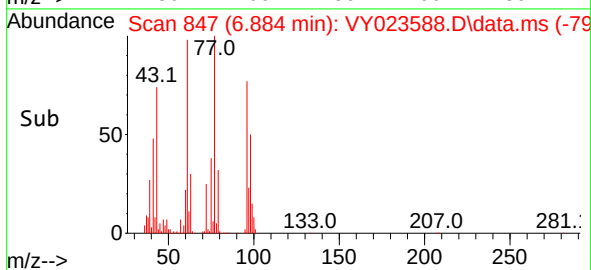
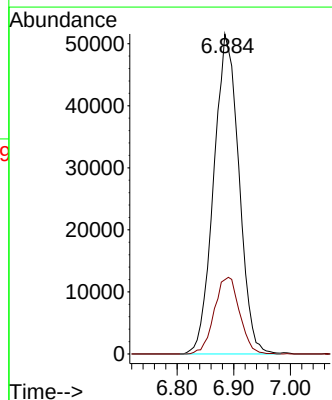
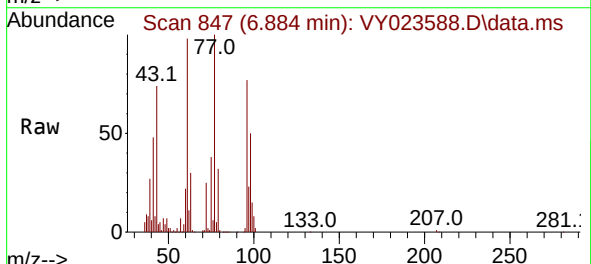
Manual Integrations
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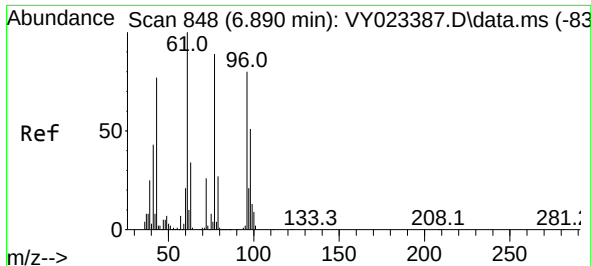
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#26
2,2-Dichloropropane
Concen: 22.444 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Tgt Ion: 77 Resp: 158961
Ion Ratio Lower Upper
77 100
97 24.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 22.502 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023588.D

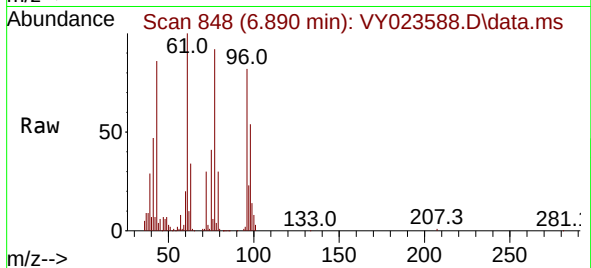
Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01



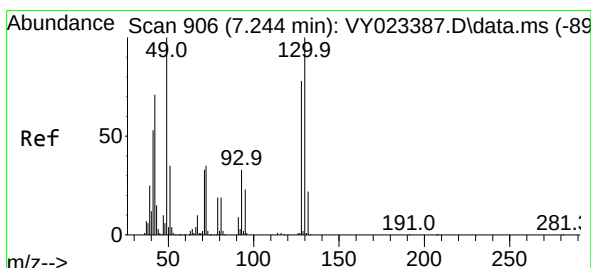
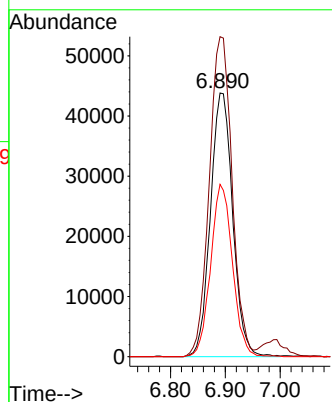
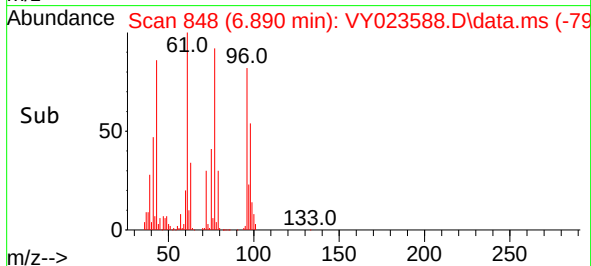
Tgt Ion:	96	Resp:	12369
Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	258.2
98	63.9	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#28

Bromochloromethane

Concen: 21.367 ug/l

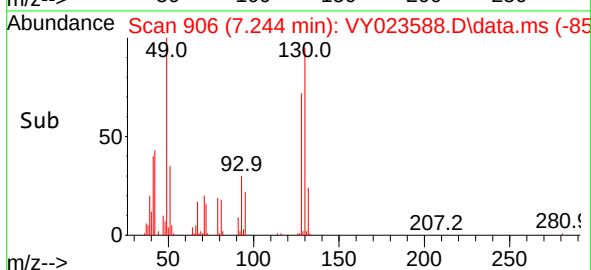
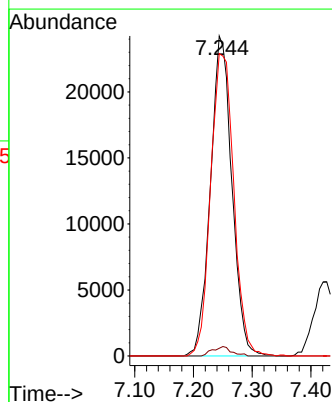
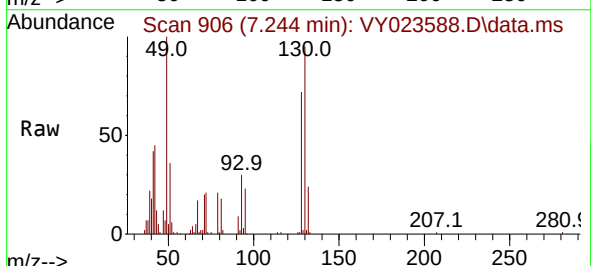
RT: 7.244 min Scan# 906

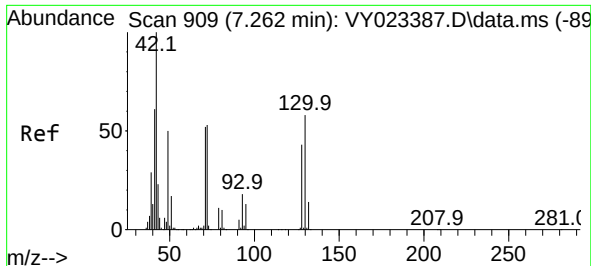
Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Tgt Ion:	49	Resp:	61569
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	101.6	81.9	122.9





#29

Tetrahydrofuran

Concen: 96.785 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

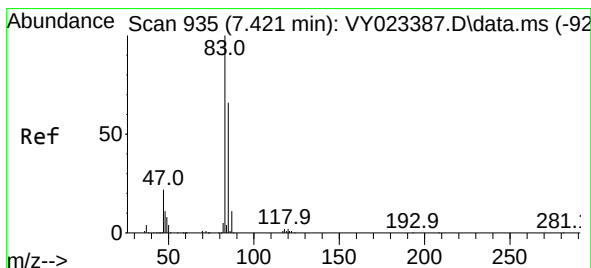
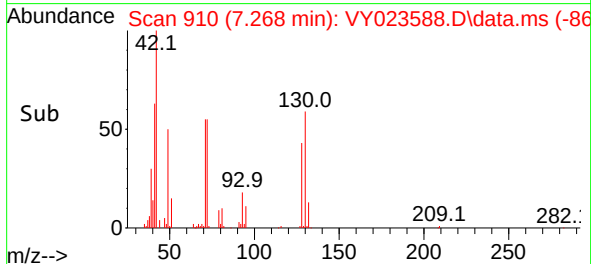
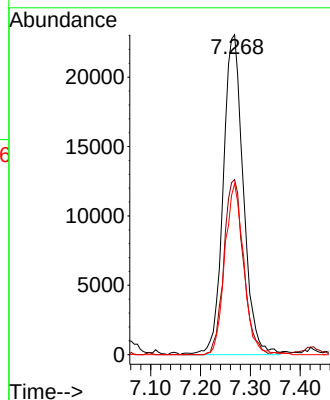
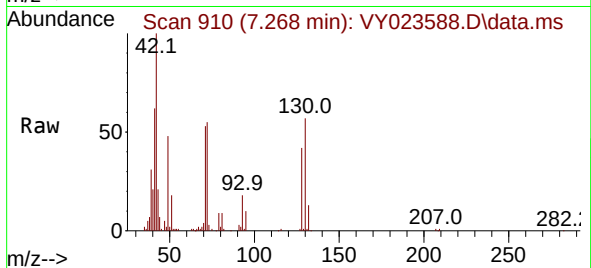
Tgt Ion:	42	Resp:	6463
Ion Ratio	Lower	Upper	
42	100		
72	53.3	43.0	64.6
71	50.2	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#30

Chloroform

Concen: 22.777 ug/l

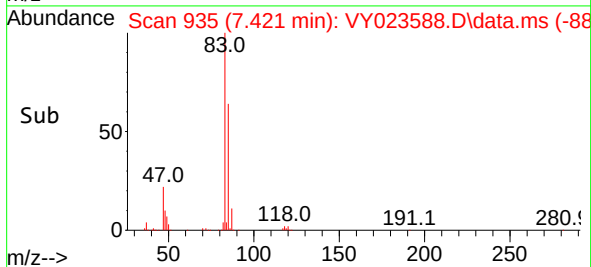
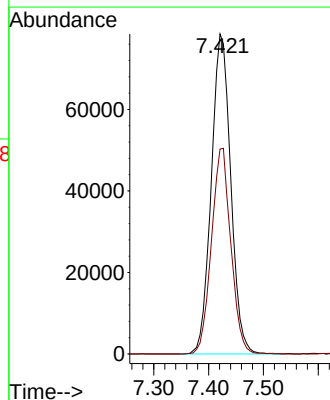
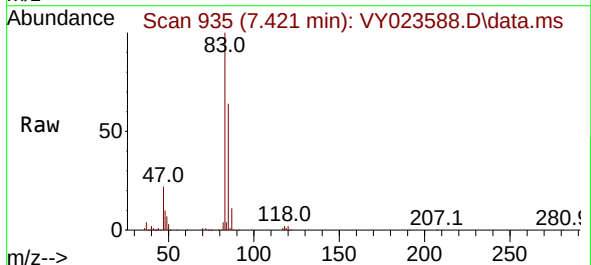
RT: 7.421 min Scan# 935

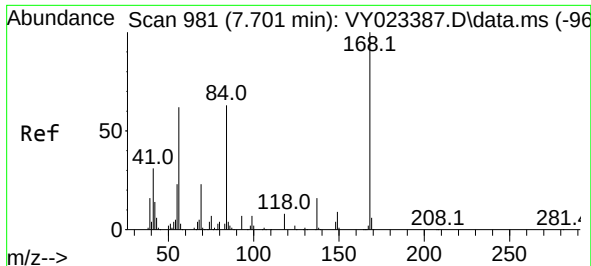
Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

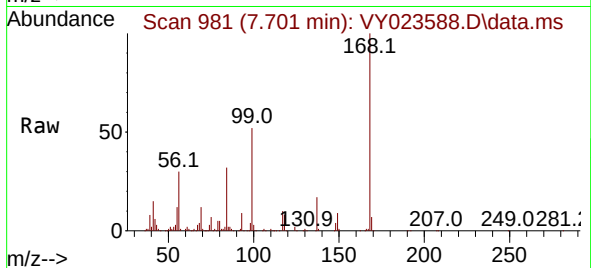
Tgt Ion:	83	Resp:	193159
Ion Ratio	Lower	Upper	
83	100		
85	64.0	52.5	78.7





#31
Cyclohexane
Concen: 20.351 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

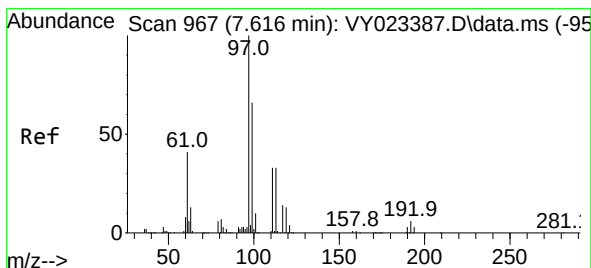
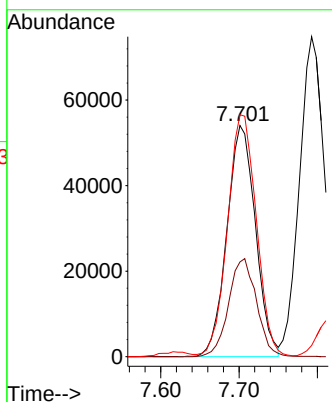
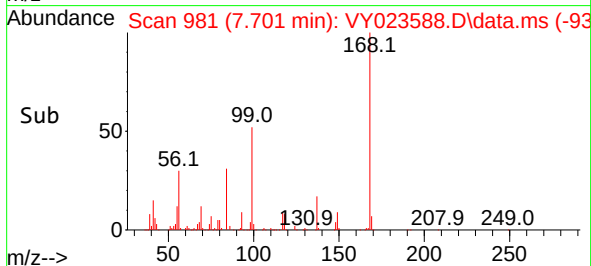
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



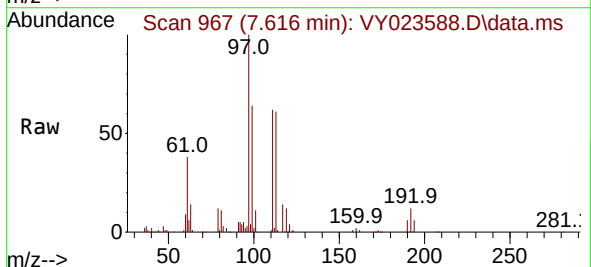
Tgt Ion: 56 Resp: 137180
Ion Ratio Lower Upper
56 100
69 41.0 30.0 45.0
84 102.7 81.2 121.8

Manual Integrations
APPROVED

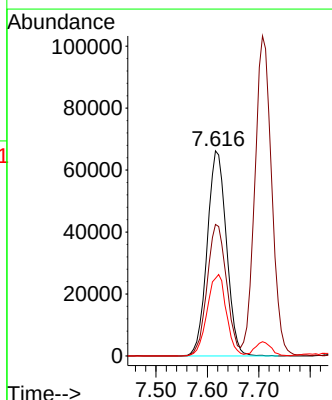
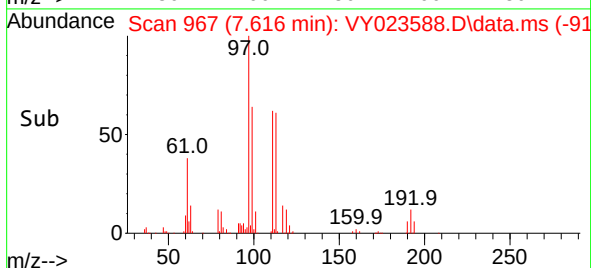
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

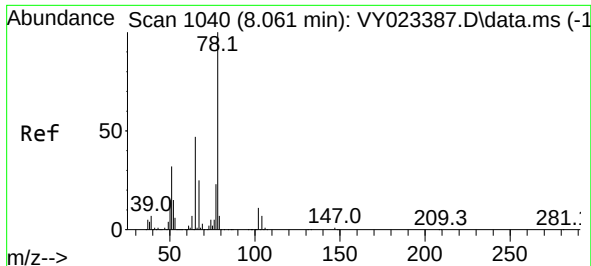


#32
1,1,1-Trichloroethane
Concen: 22.306 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



Tgt Ion: 97 Resp: 171904
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 39.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.655 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

Tgt Ion: 65 Resp: 193100

Ion Ratio Lower Upper

65 100

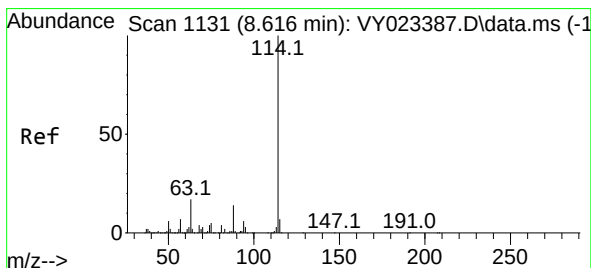
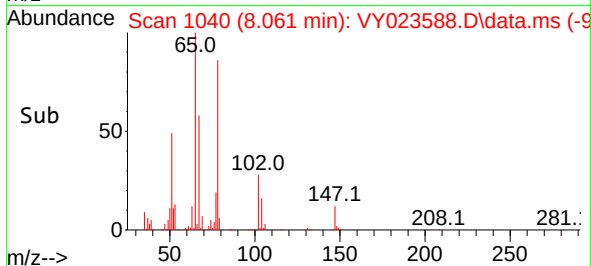
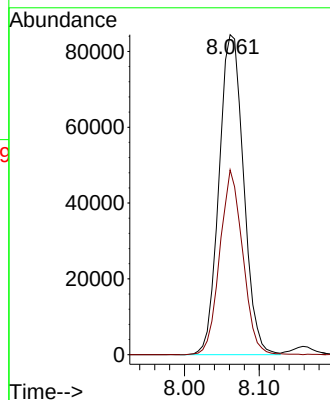
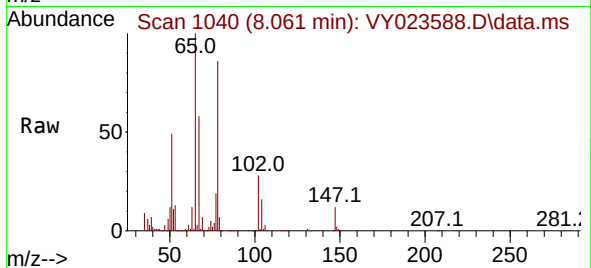
67 53.9 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

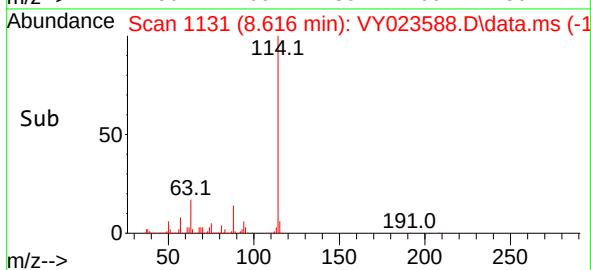
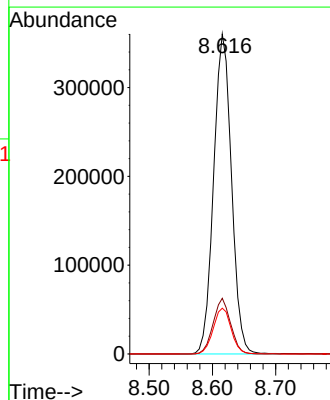
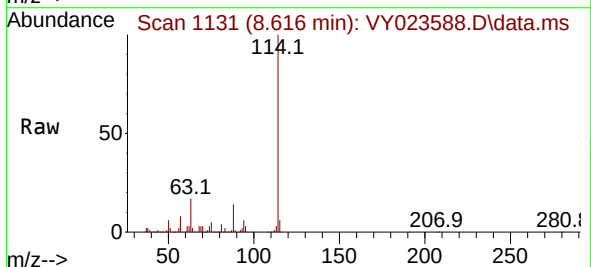
Tgt Ion:114 Resp: 706753

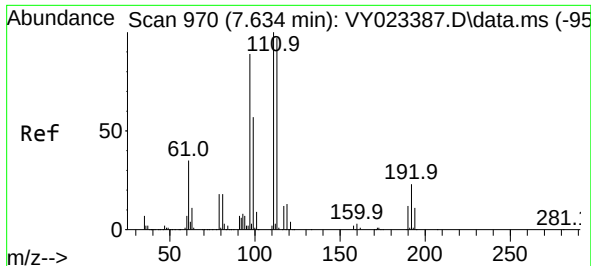
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

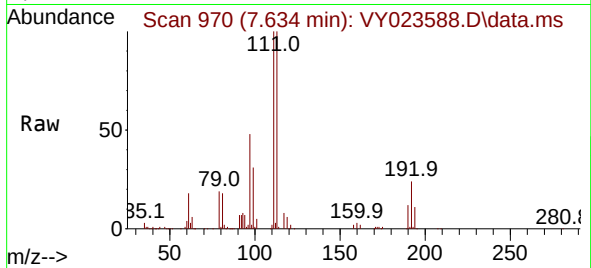
88 14.3 0.0 28.4





#35
Dibromofluoromethane
Concen: 50.793 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

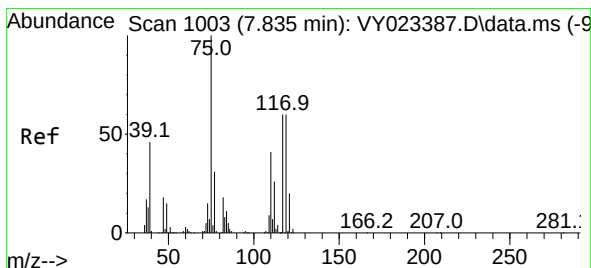
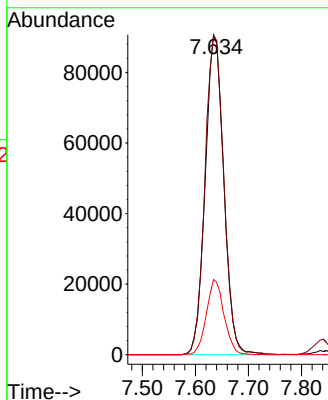
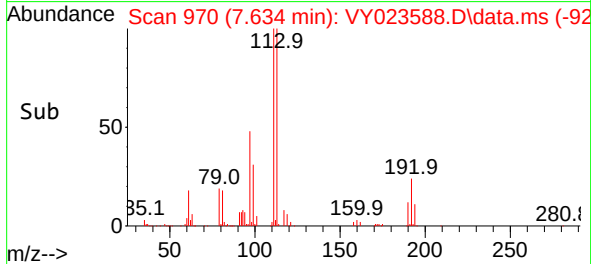
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



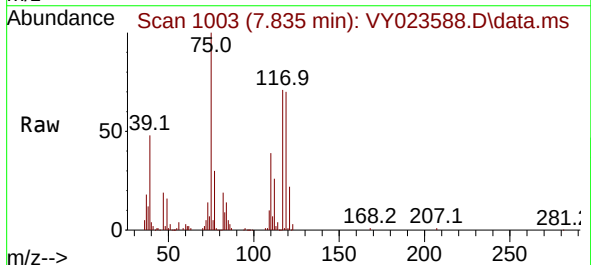
Tgt Ion:113 Resp: 220579
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 22.4 18.0 27.0

Manual Integrations
APPROVED

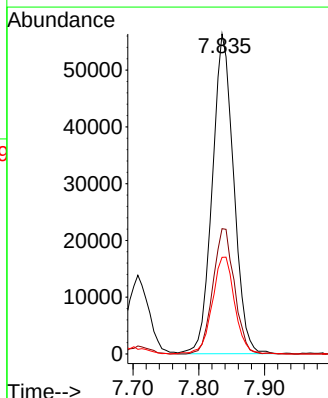
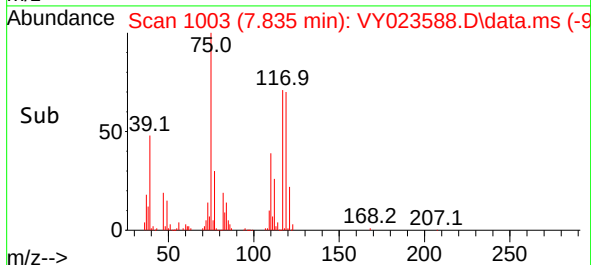
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

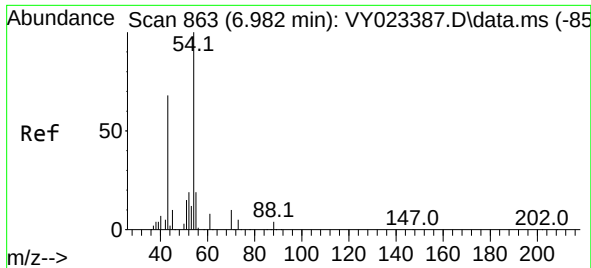


#36
1,1-Dichloropropene
Concen: 22.198 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



Tgt Ion: 75 Resp: 127622
Ion Ratio Lower Upper
75 100
110 39.3 19.9 59.7
77 31.8 25.0 37.6





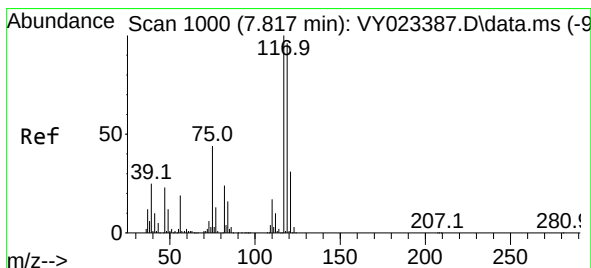
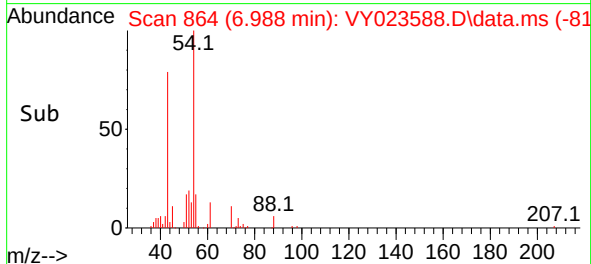
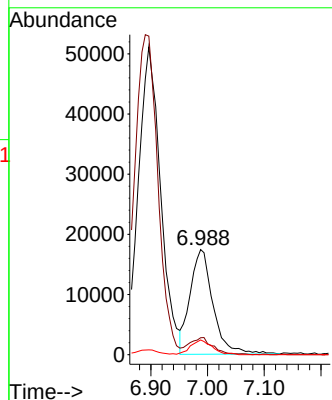
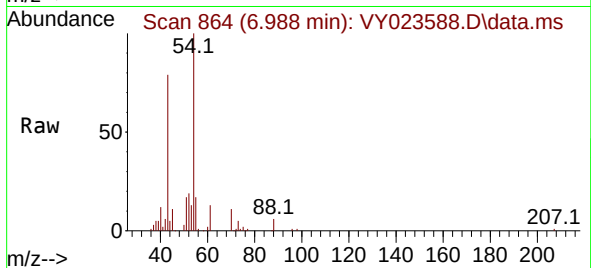
#37
Ethyl Acetate
Concen: 21.433 ug/l
RT: 6.988 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion: 43 Resp: 4881
Ion Ratio Lower Upper
43 100
61 17.1 11.8 17.8
70 13.1 10.5 15.7

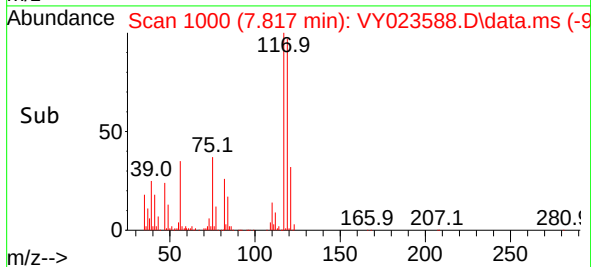
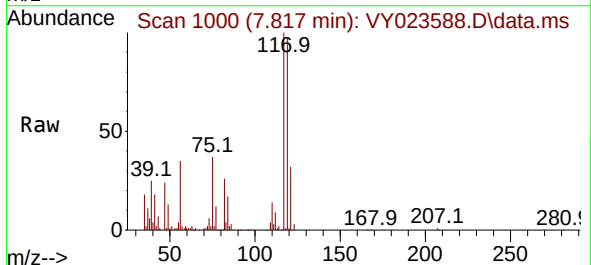
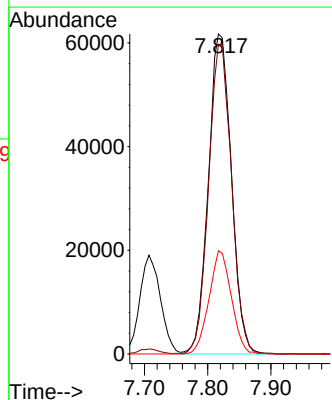
Manual Integrations
APPROVED

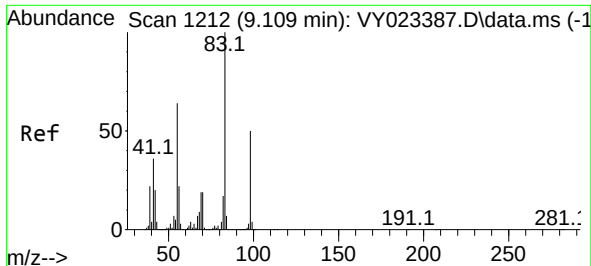
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#38
Carbon Tetrachloride
Concen: 22.385 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Tgt Ion:117 Resp: 156052
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2
121 32.2 24.5 36.7





#39

Methylcyclohexane

Concen: 21.178 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

Tgt Ion: 83 Resp: 15853

Ion Ratio Lower Upper

83 100

55 65.8 51.4 77.2

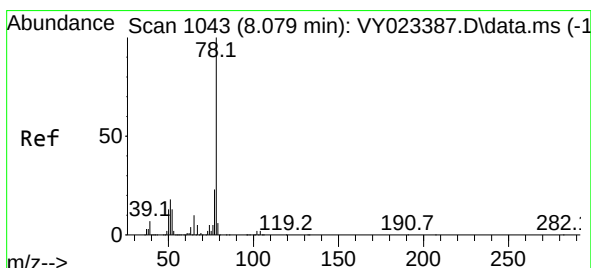
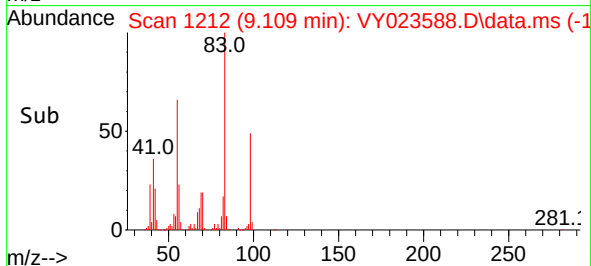
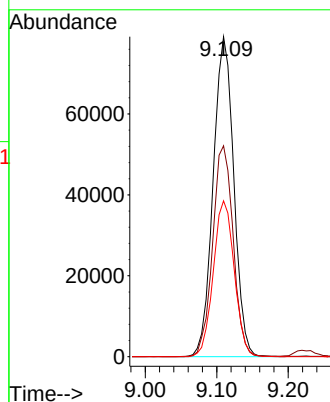
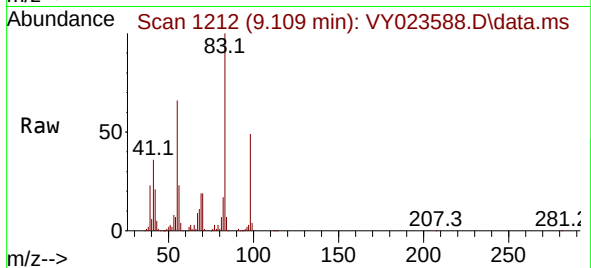
98 48.7 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#40

Benzene

Concen: 22.720 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023588.D

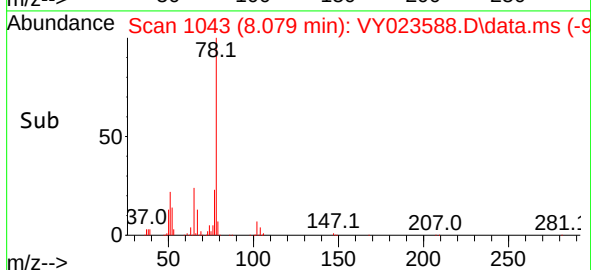
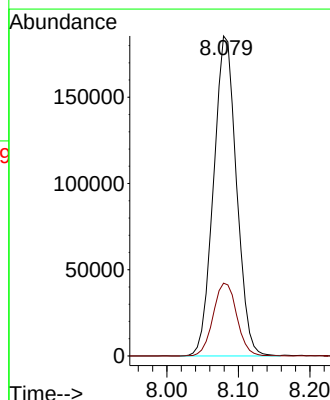
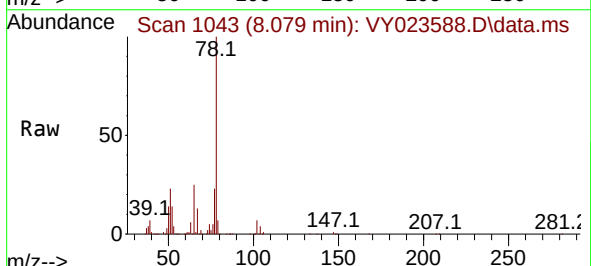
Acq: 27 Oct 2025 10:39

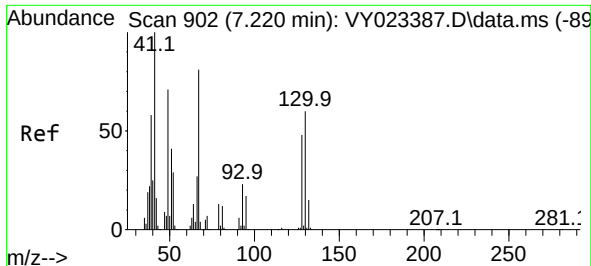
Tgt Ion: 78 Resp: 413668

Ion Ratio Lower Upper

78 100

77 22.7 18.3 27.5





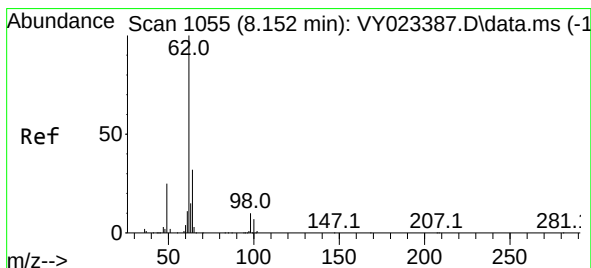
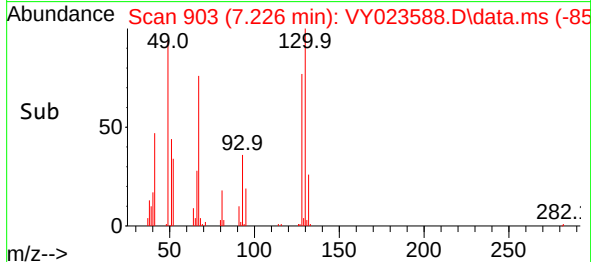
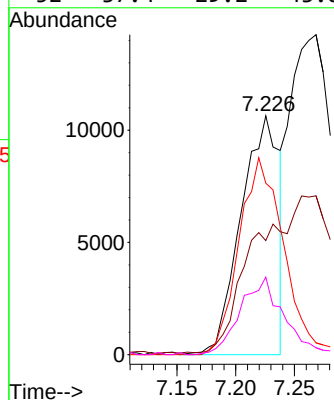
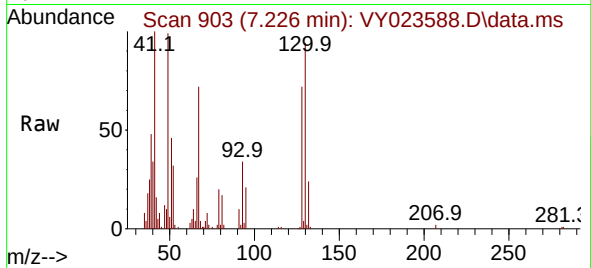
#41
Methacrylonitrile
Concen: 19.597 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion: 41 Resp: 2414
Ion Ratio Lower Upper
41 100
39 0.0 52.2 78.4
67 96.6 74.9 112.3
52 37.4 29.2 43.8

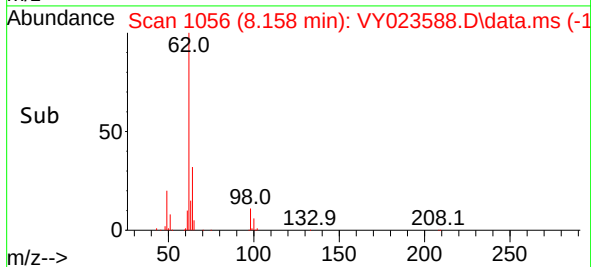
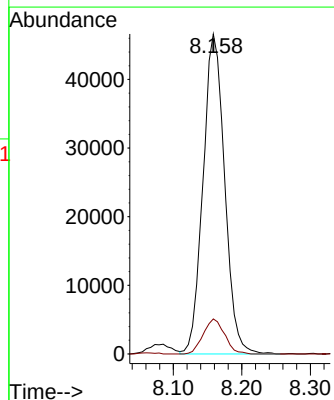
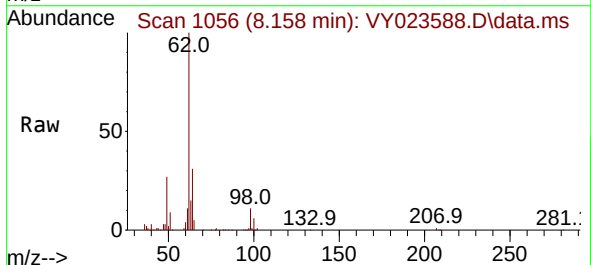
Manual Integrations
APPROVED

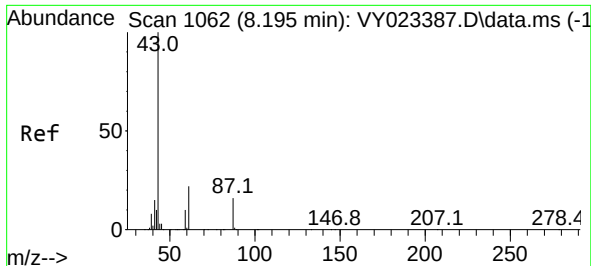
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#42
1,2-Dichloroethane
Concen: 21.802 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

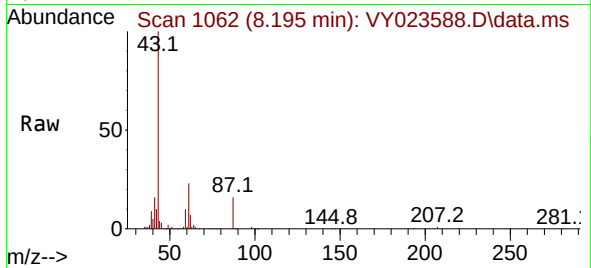
Tgt Ion: 62 Resp: 102374
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6





#43
Isopropyl Acetate
Concen: 19.802 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

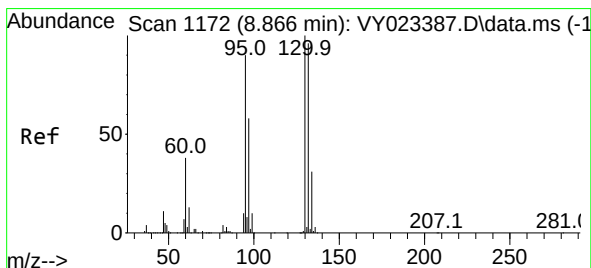
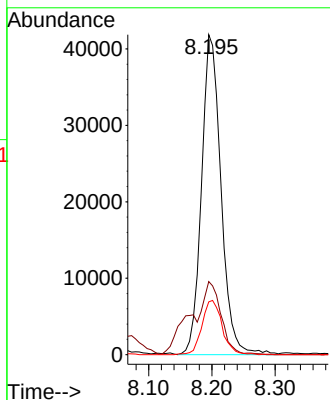
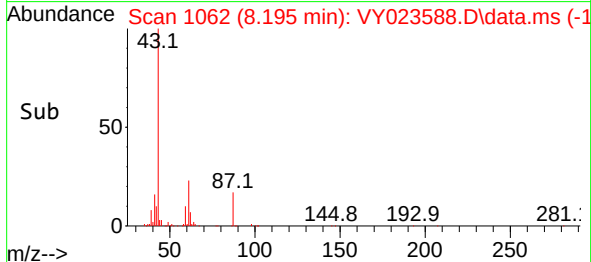
Instrument : MSVOA_Y
ClientSampleId : VY1027SBSD01



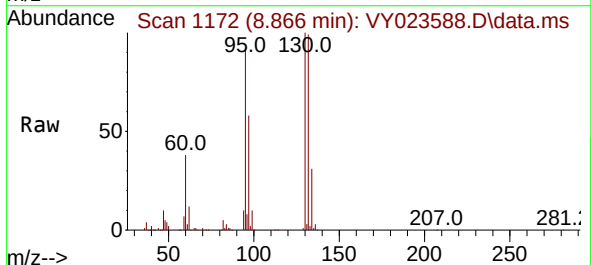
Tgt Ion: 43 Resp: 8993
Ion Ratio Lower Upper
43 100
61 21.9 18.1 27.1
87 17.5 13.5 20.3

Manual Integrations
APPROVED

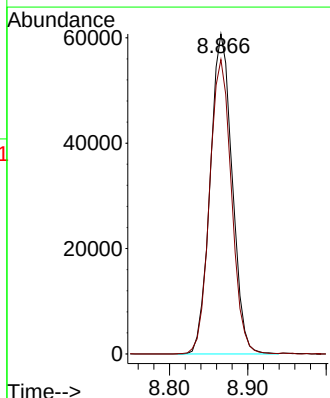
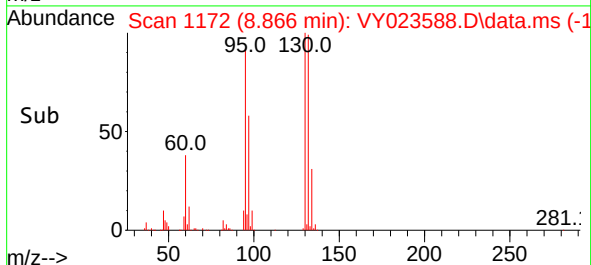
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

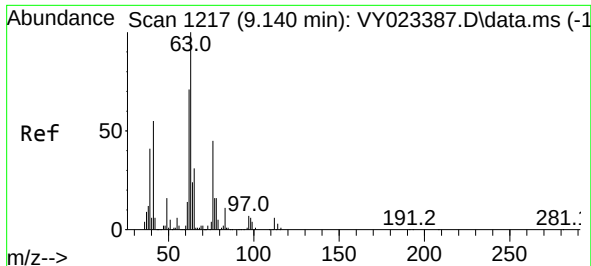


#44
Trichloroethene
Concen: 22.225 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



Tgt Ion:130 Resp: 118439
Ion Ratio Lower Upper
130 100
95 91.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 22.612 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

Tgt Ion: 63 Resp: 90930

Ion Ratio Lower Upper

63 100

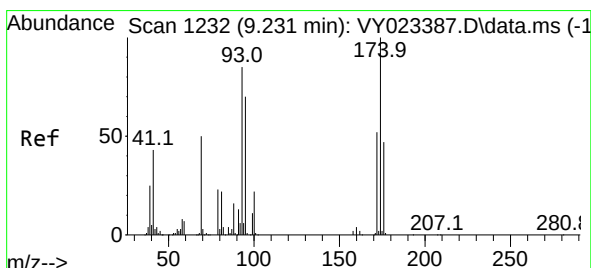
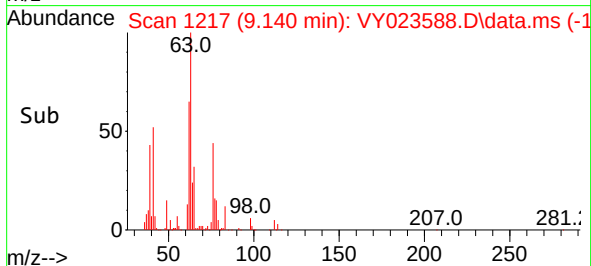
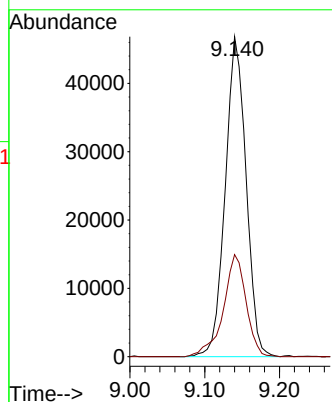
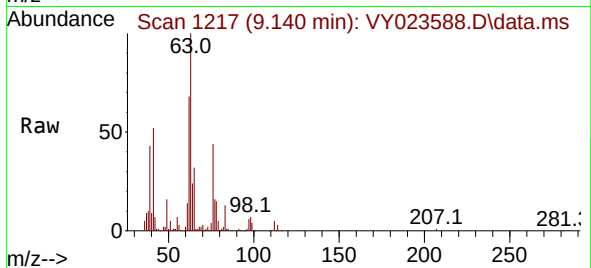
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#46

Dibromomethane

Concen: 21.659 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

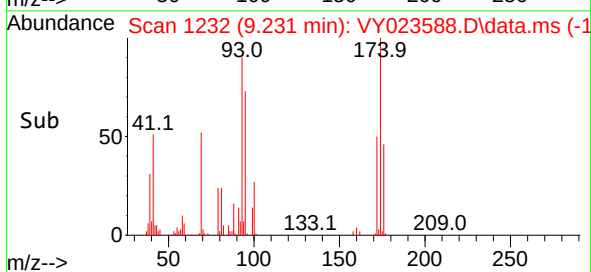
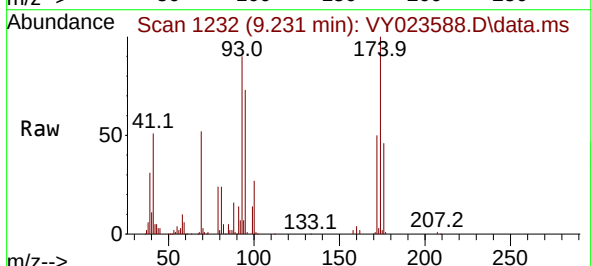
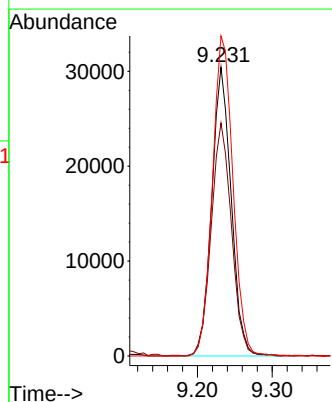
Tgt Ion: 93 Resp: 55078

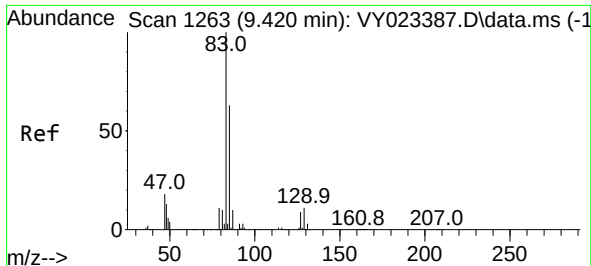
Ion Ratio Lower Upper

93 100

95 84.2 65.4 98.0

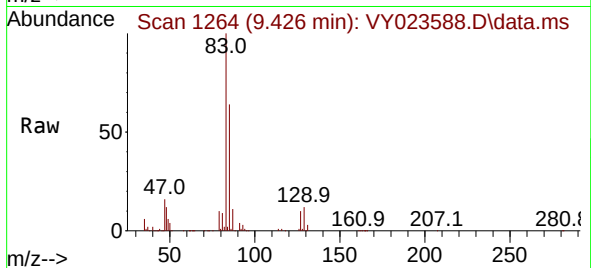
174 117.4 92.9 139.3





#47
Bromodichloromethane
Concen: 22.441 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

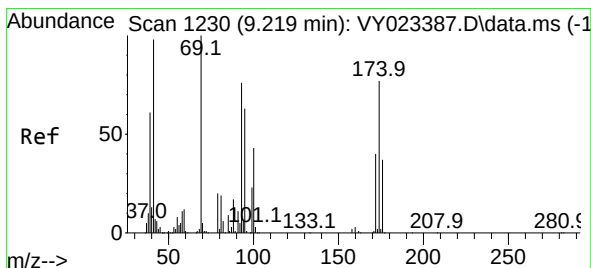
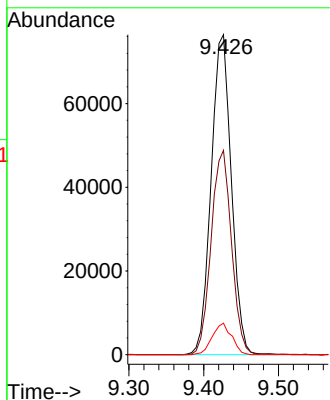
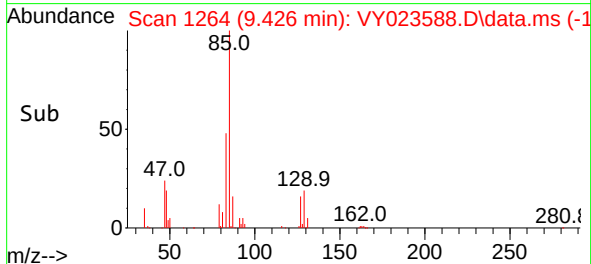
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion: 83 Resp: 143720
Ion Ratio Lower Upper
83 100
85 63.9 50.8 76.2
127 9.9 7.4 11.2

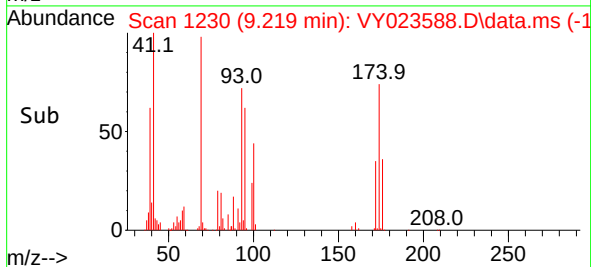
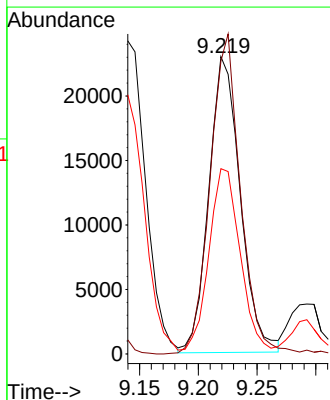
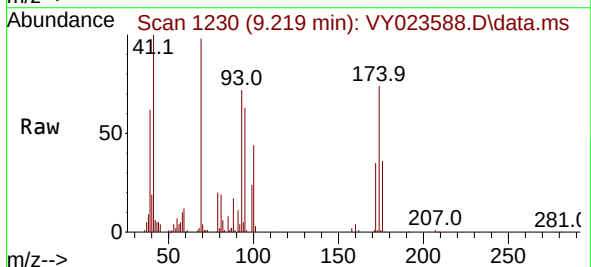
Manual Integrations
APPROVED

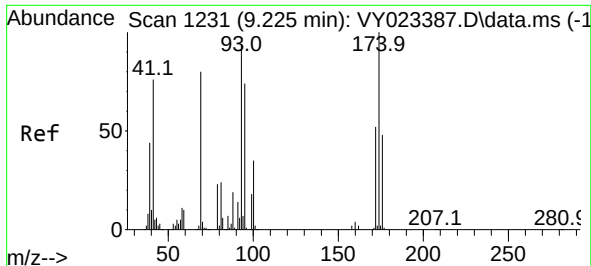
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#48
Methyl methacrylate
Concen: 20.019 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Tgt Ion: 41 Resp: 42714
Ion Ratio Lower Upper
41 100
69 104.1 81.0 121.4
39 60.3 48.2 72.4





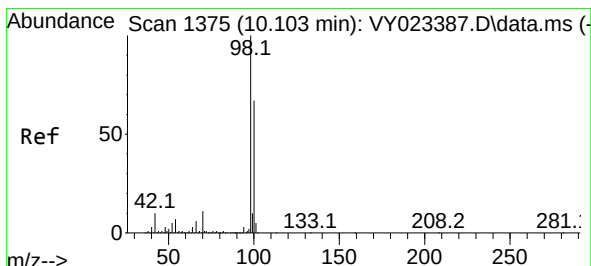
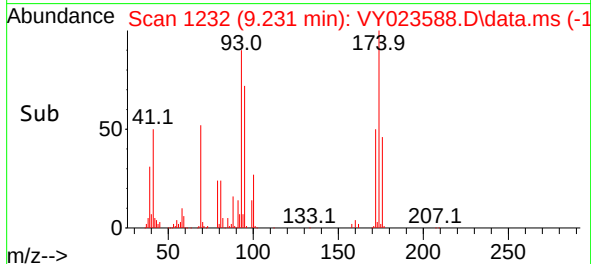
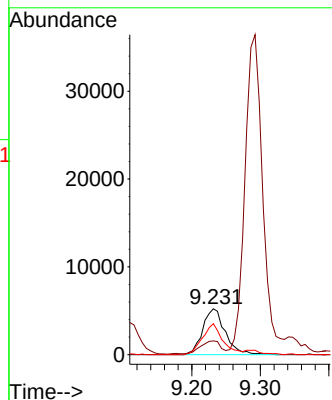
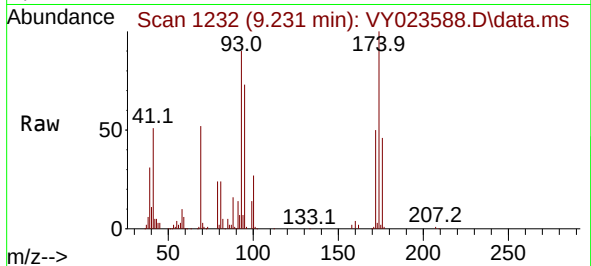
#49
1,4-Dioxane
Concen: 406.835 ug/l
RT: 9.231 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion: 88 Resp: 1199
Ion Ratio Lower Upper
88 100
43 24.3 21.8 32.8
58 60.8 46.8 70.2

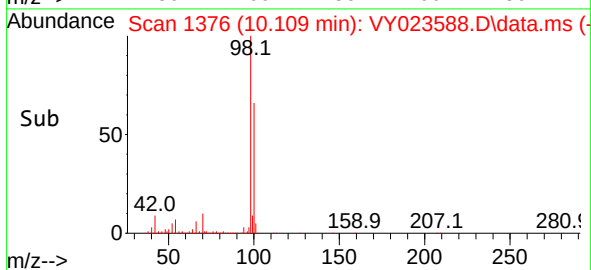
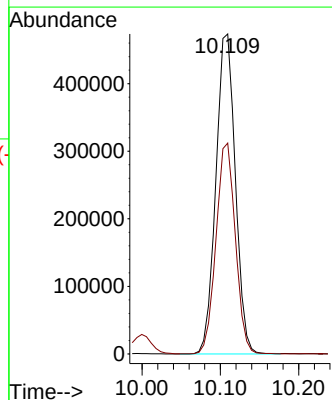
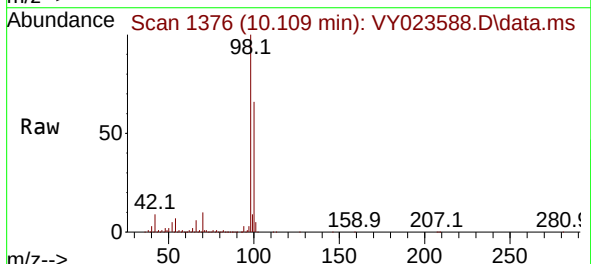
Manual Integrations
APPROVED

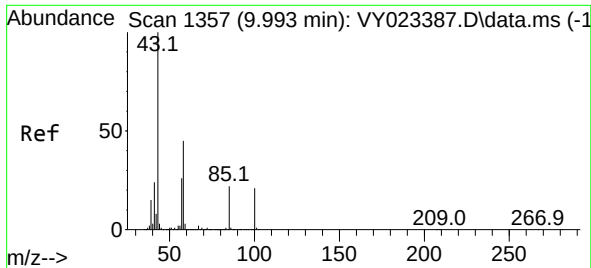
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

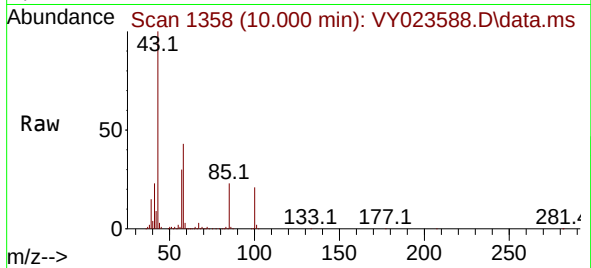
Tgt Ion: 98 Resp: 819582
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 103.085 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

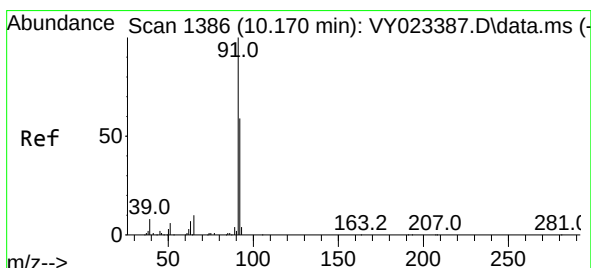
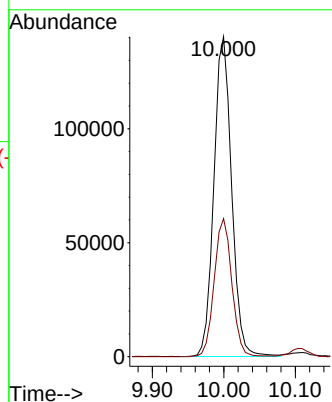
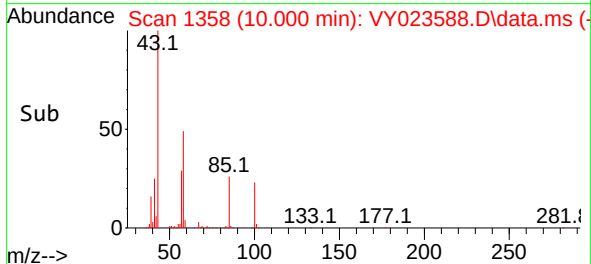
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion: 43 Resp: 241890
Ion Ratio Lower Upper
43 100
58 43.0 35.3 52.9

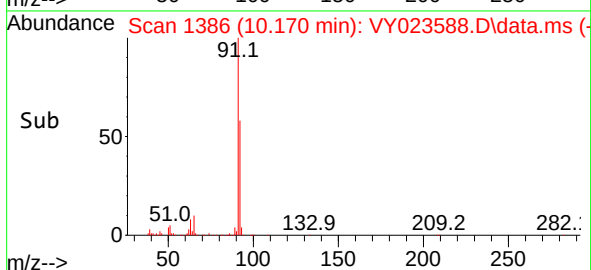
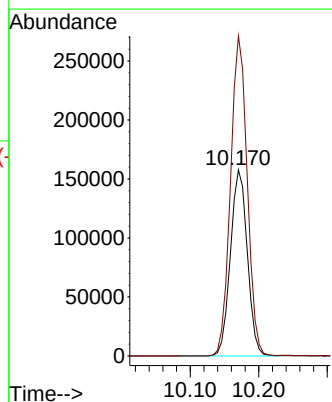
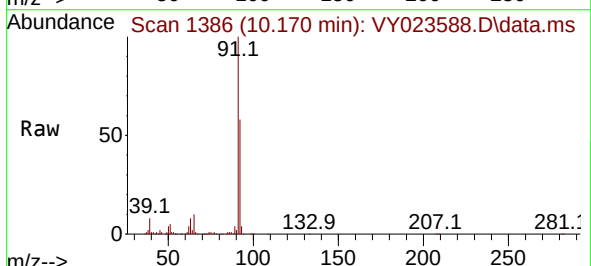
Manual Integrations
APPROVED

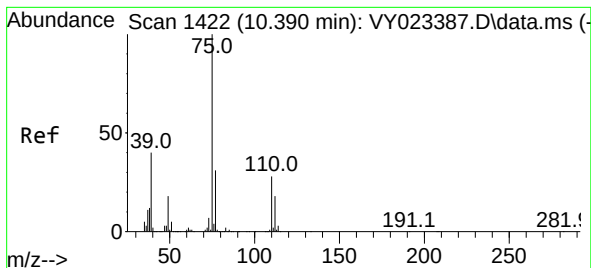
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#52
Toluene
Concen: 22.776 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

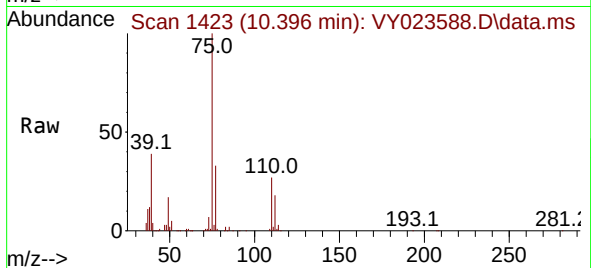
Tgt Ion: 92 Resp: 269255
Ion Ratio Lower Upper
92 100
91 170.2 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 21.198 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

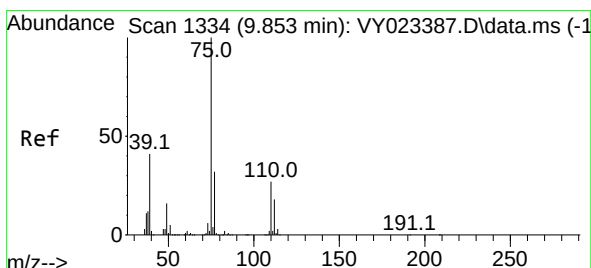
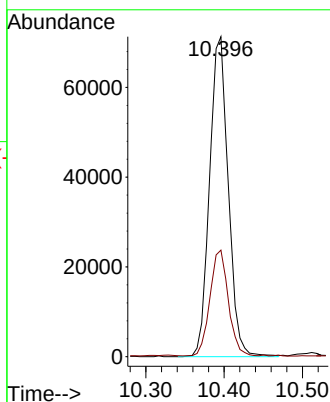
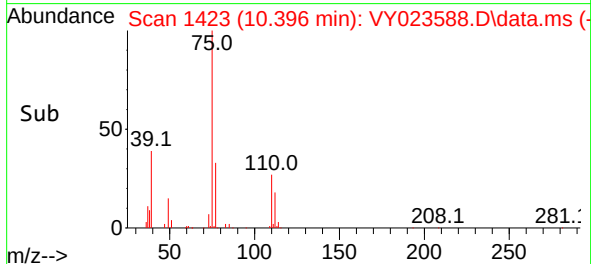
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion: 75 Resp: 11804
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7

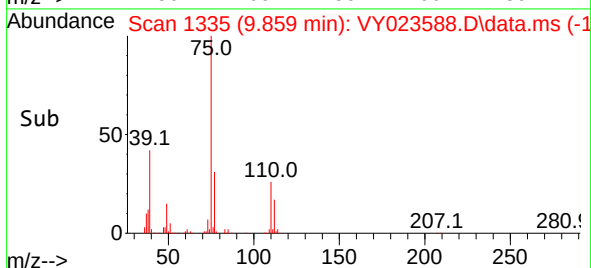
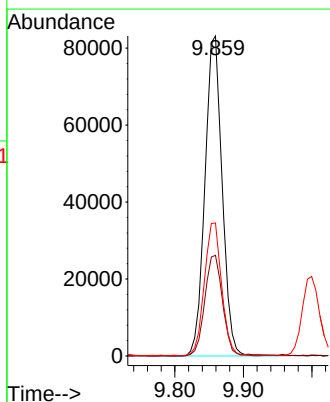
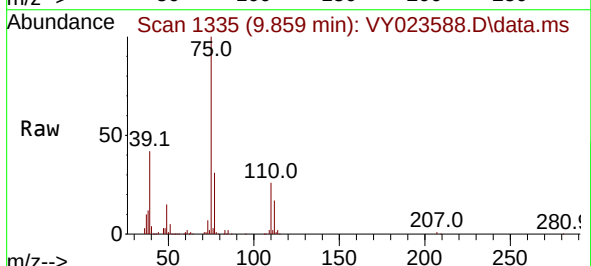
Manual Integrations
APPROVED

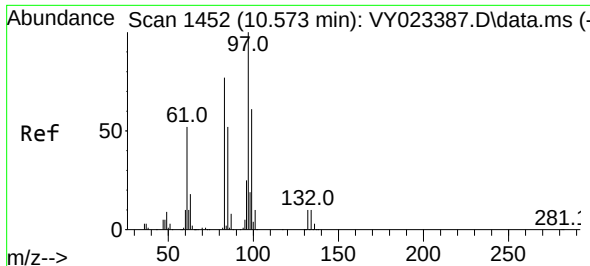
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#54
cis-1,3-Dichloropropene
Concen: 22.177 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

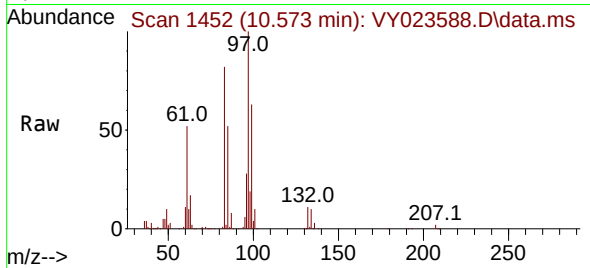
Tgt Ion: 75 Resp: 145757
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 41.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 22.725 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

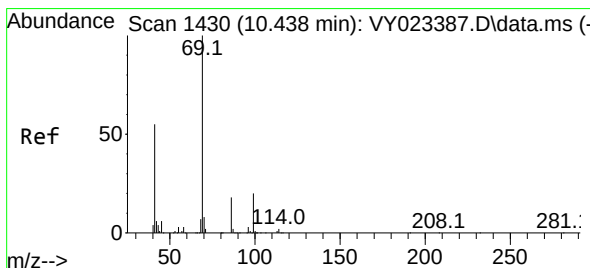
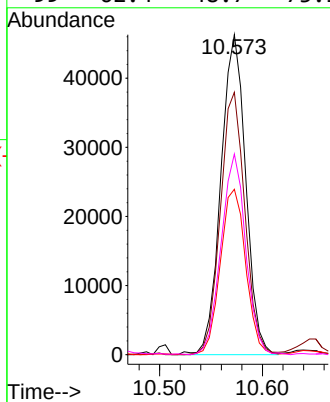
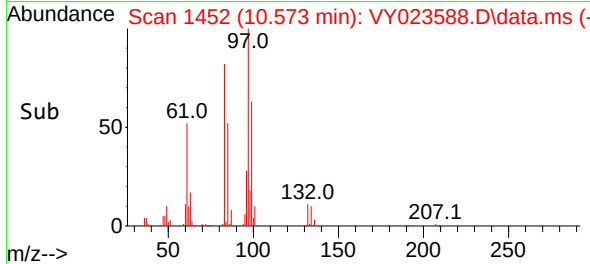
Instrument : MSVOA_Y
ClientSampleId : VY1027SBSD01



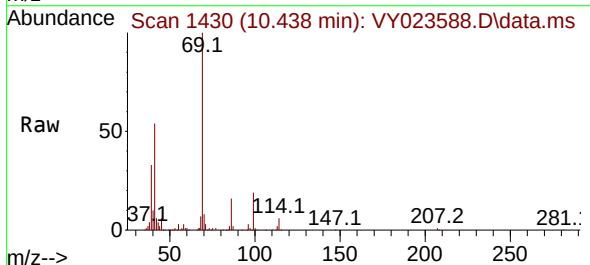
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	61.8	92.6
85	51.6	41.3	61.9
99	62.4	48.7	73.1

Manual Integrations
APPROVED

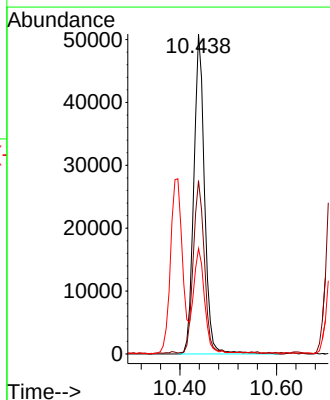
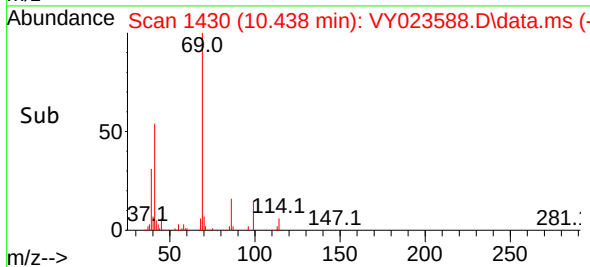
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

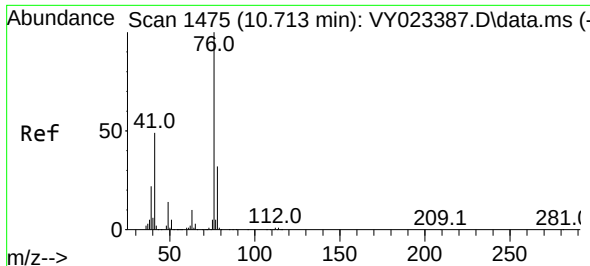


#56
Ethyl methacrylate
Concen: 19.803 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



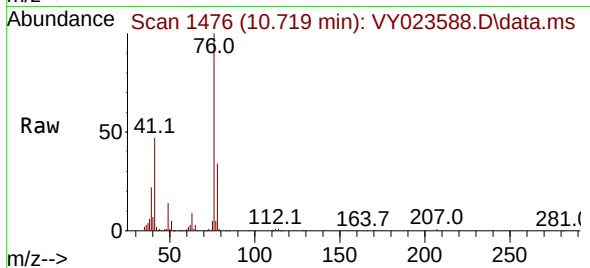
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.4	44.6	67.0
39	32.0	27.0	40.4





#57
1,3-Dichloropropane
Concen: 22.190 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

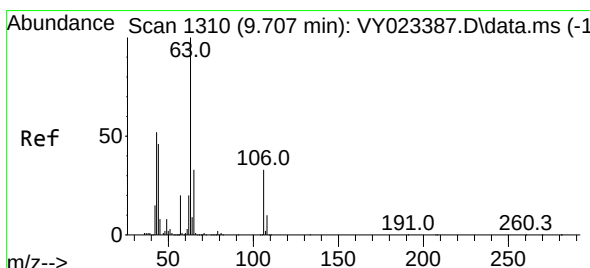
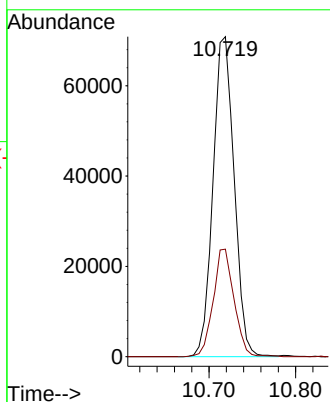
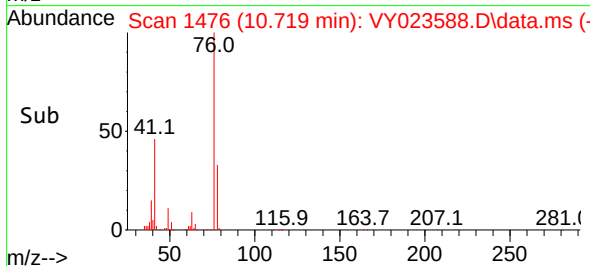
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion: 76 Resp: 12024
Ion Ratio Lower Upper
76 100
78 33.1 25.9 38.9

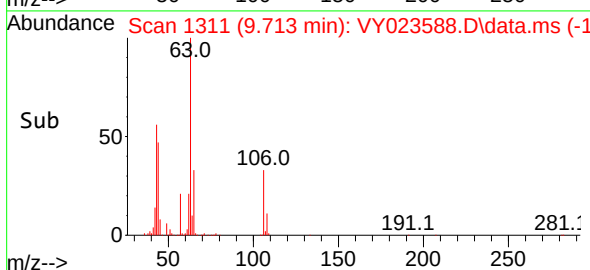
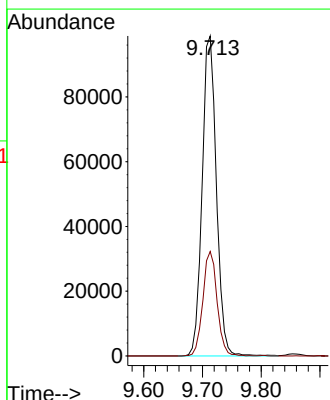
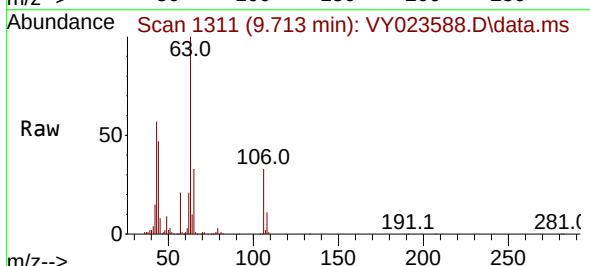
Manual Integrations
APPROVED

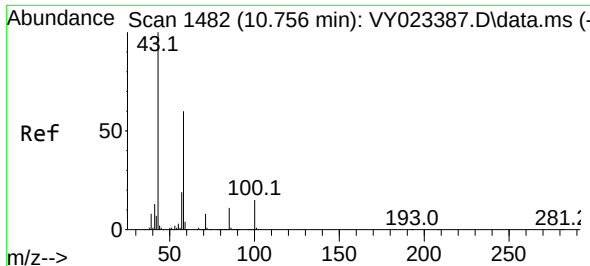
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 94.260 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

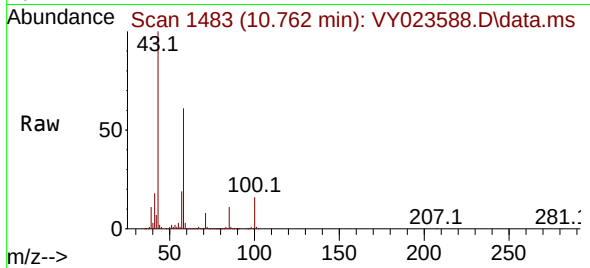
Tgt Ion: 63 Resp: 166565
Ion Ratio Lower Upper
63 100
106 32.6 26.6 39.8





#59
2-Hexanone
Concen: 113.098 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

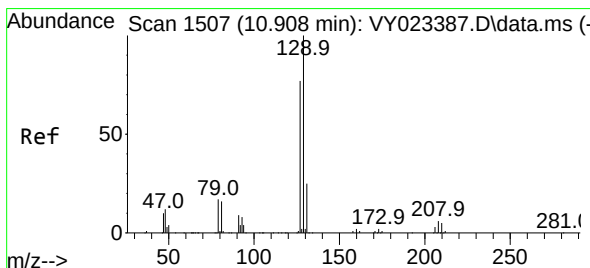
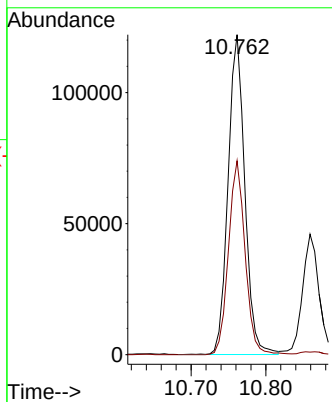
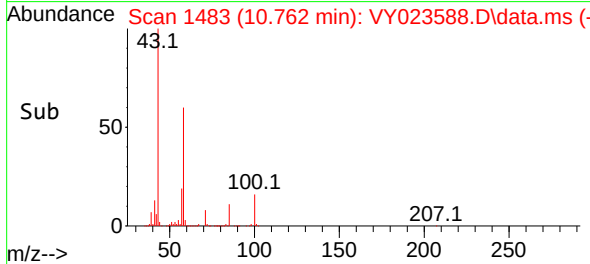
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion: 43 Resp: 18966
Ion Ratio Lower Upper
43 100
58 60.5 30.5 91.5

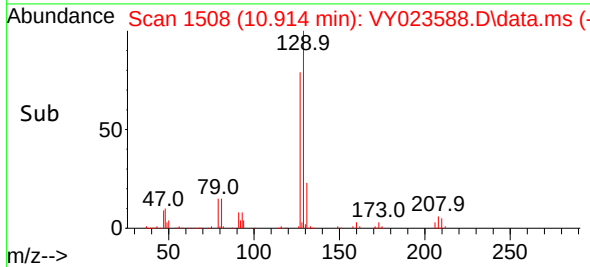
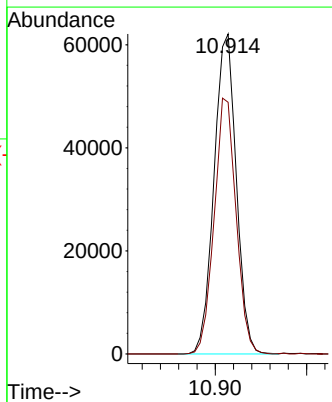
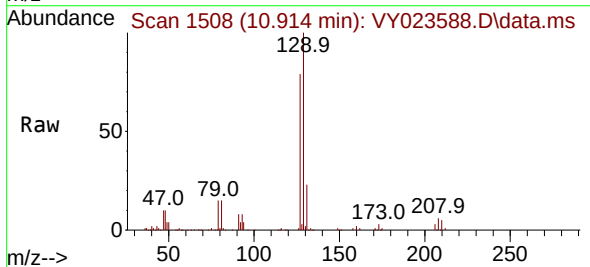
Manual Integrations
APPROVED

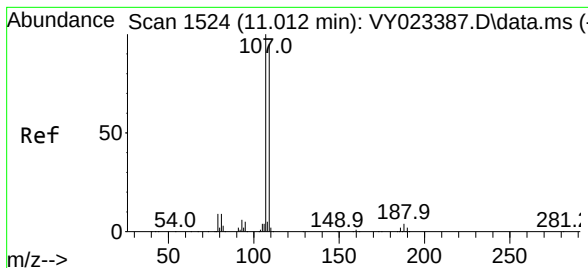
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#60
Dibromochloromethane
Concen: 21.922 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

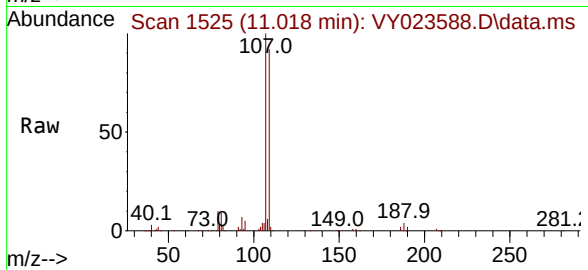
Tgt Ion:129 Resp: 105104
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 21.666 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

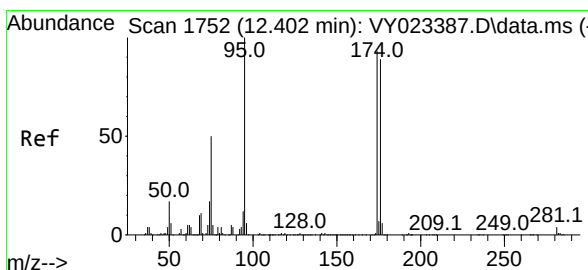
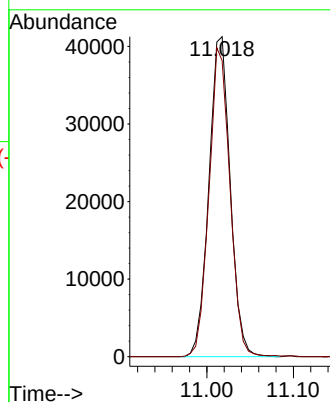
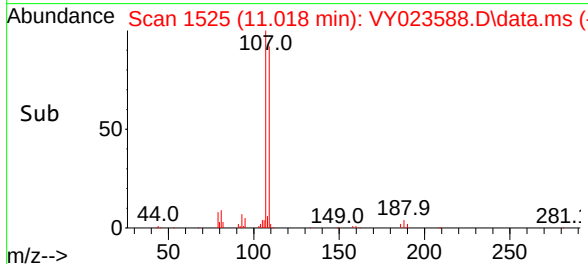
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



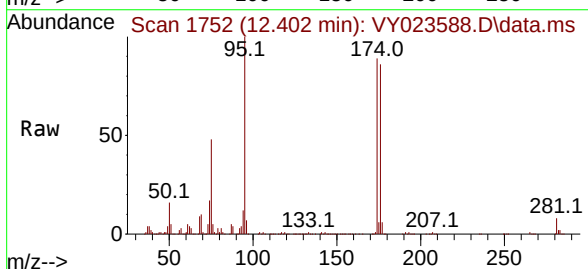
Tgt Ion:107 Resp: 70658
Ion Ratio Lower Upper
107 100
109 94.7 76.1 114.1

Manual Integrations
APPROVED

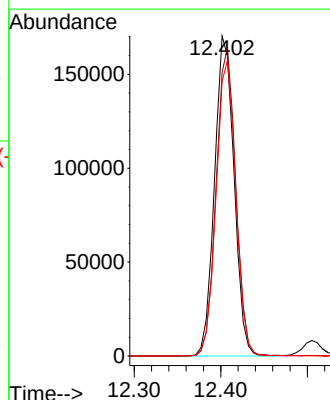
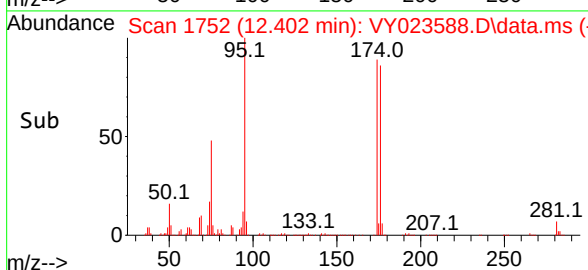
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

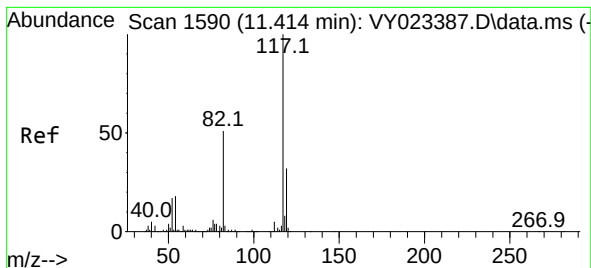


#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



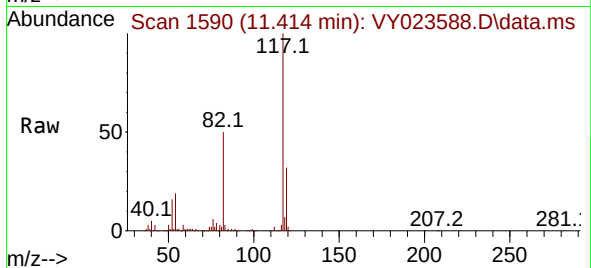
Tgt Ion: 95 Resp: 266662
Ion Ratio Lower Upper
95 100
174 96.6 0.0 192.8
176 92.7 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

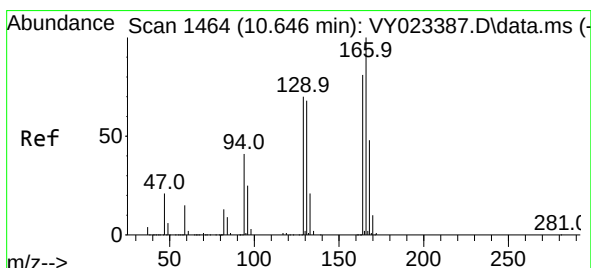
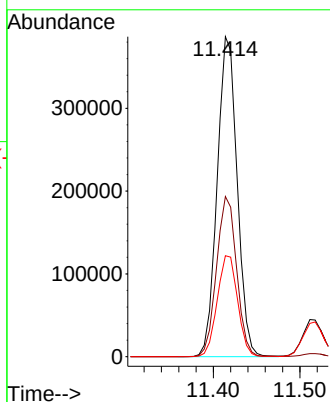
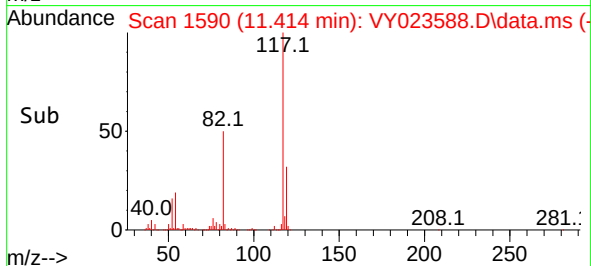
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



Tgt Ion:117 Resp: 619972
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.4
119 31.5 25.6 38.4

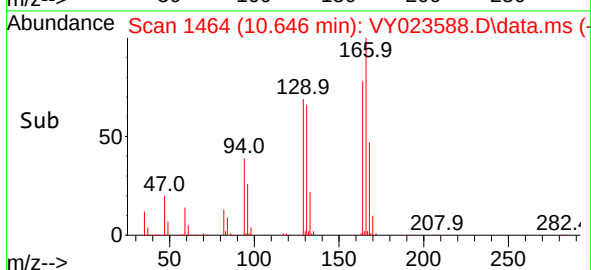
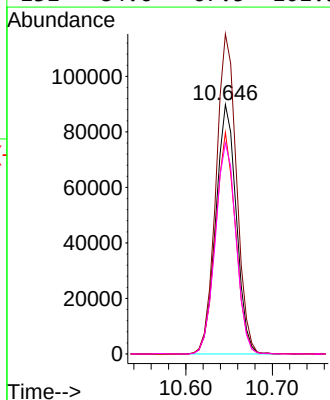
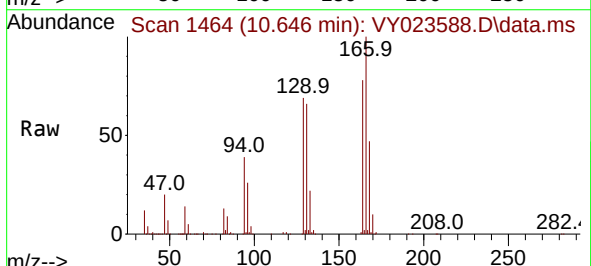
Manual Integrations
APPROVED

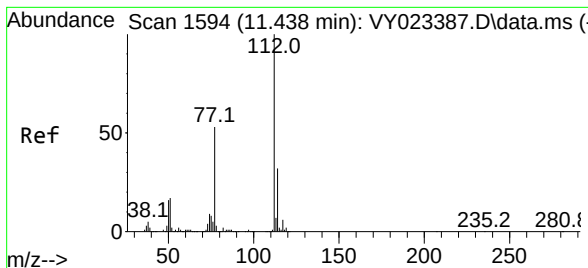
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#64
Tetrachloroethene
Concen: 23.073 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

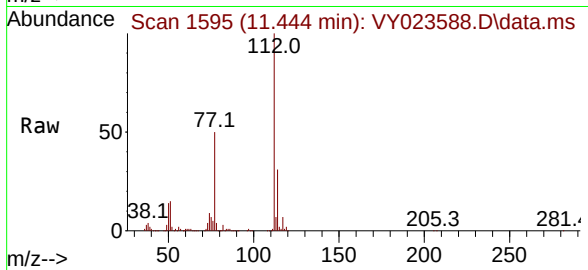
Tgt Ion:164 Resp: 147698
Ion Ratio Lower Upper
164 100
166 128.3 99.4 149.0
129 88.8 69.4 104.2
131 84.6 67.5 101.3





#65
Chlorobenzene
Concen: 22.571 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

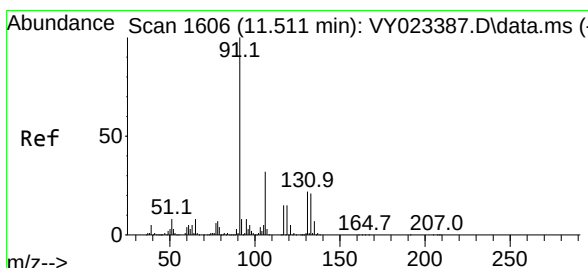
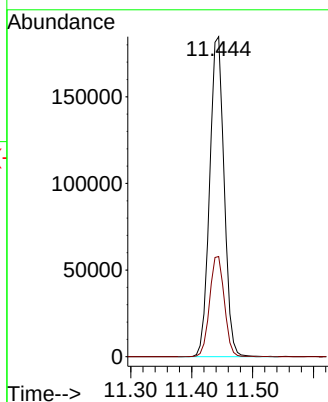
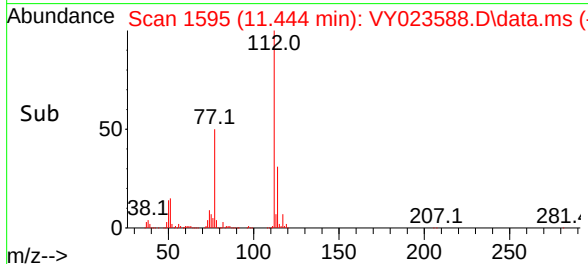
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



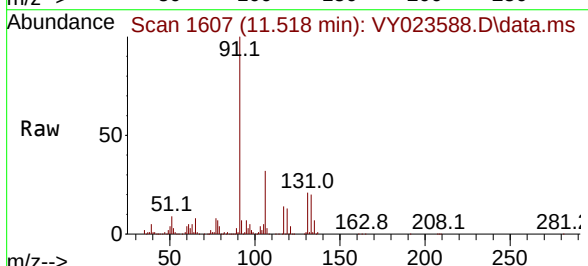
Tgt Ion:112 Resp: 30435
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

Manual Integrations
APPROVED

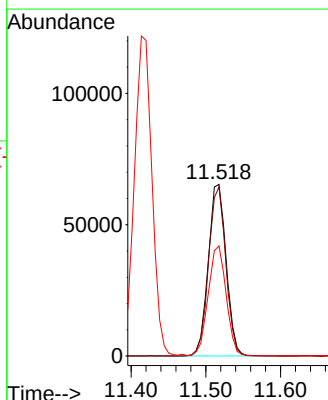
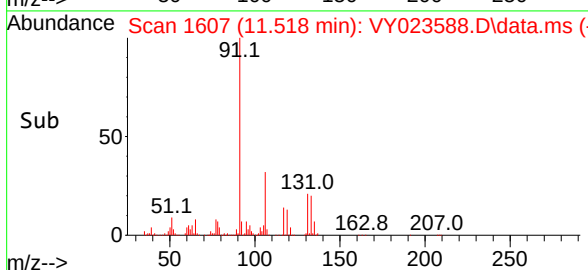
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

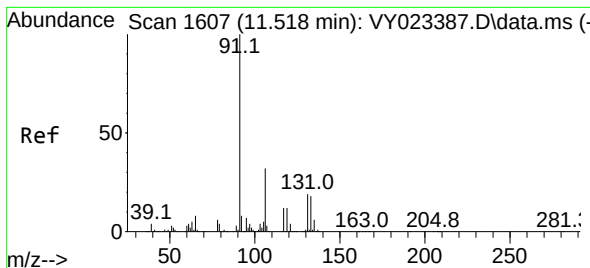


#66
1,1,1,2-Tetrachloroethane
Concen: 22.721 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



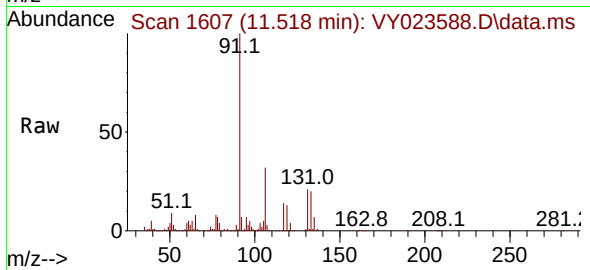
Tgt Ion:131 Resp: 109178
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.2
119 64.3 32.4 97.2





#67
Ethyl Benzene
Concen: 22.201 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

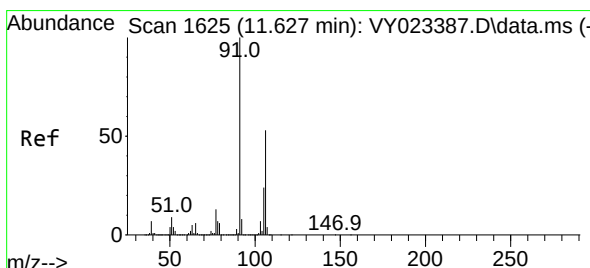
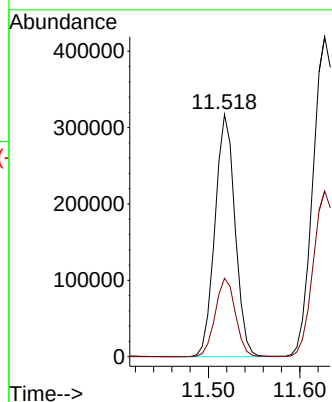
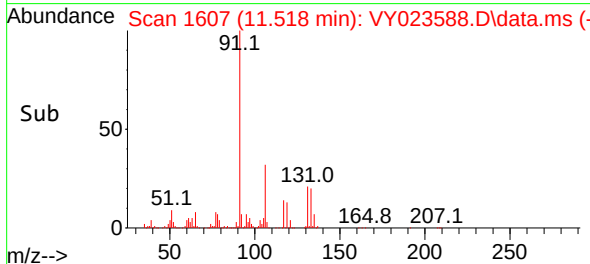
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



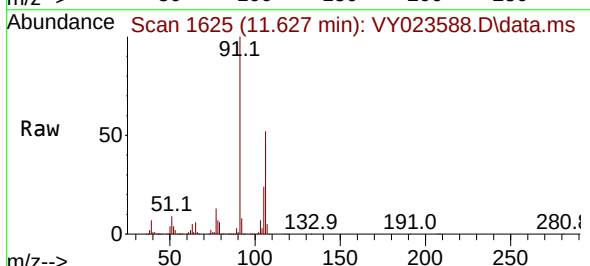
Tgt Ion: 91 Resp: 48458
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

Manual Integrations
APPROVED

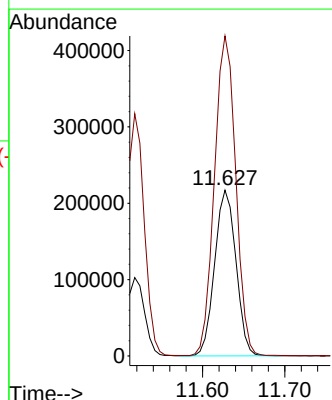
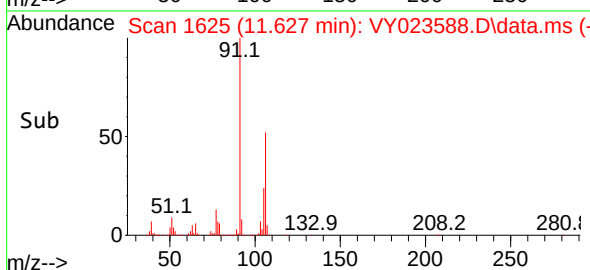
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

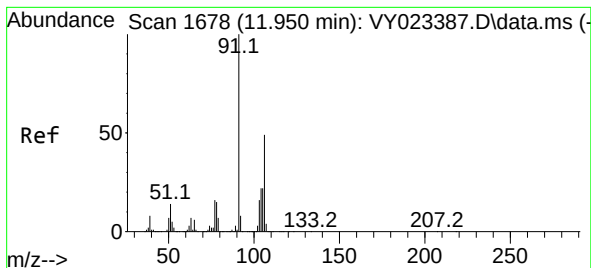


#68
m/p-Xylenes
Concen: 44.607 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



Tgt Ion:106 Resp: 390520
Ion Ratio Lower Upper
106 100
91 193.7 152.6 229.0





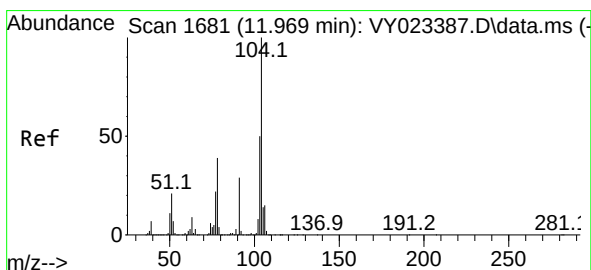
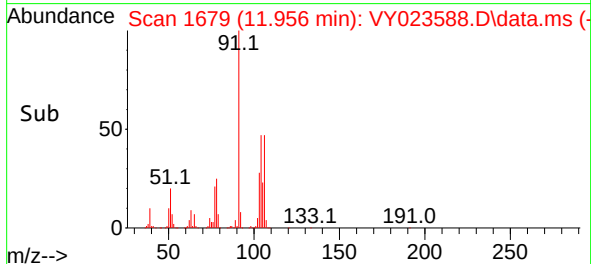
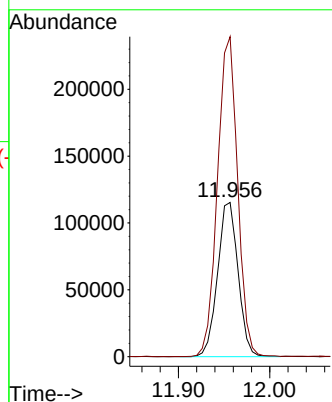
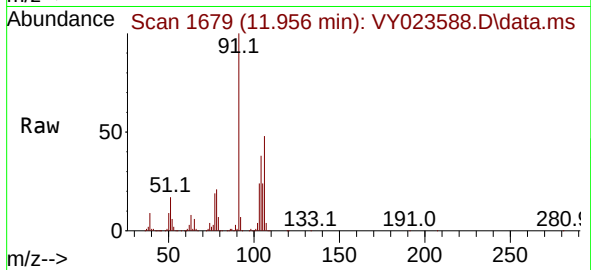
#69
o-Xylene
Concen: 21.920 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion:106 Resp: 179997
Ion Ratio Lower Upper
106 100
91 204.3 101.4 304.1

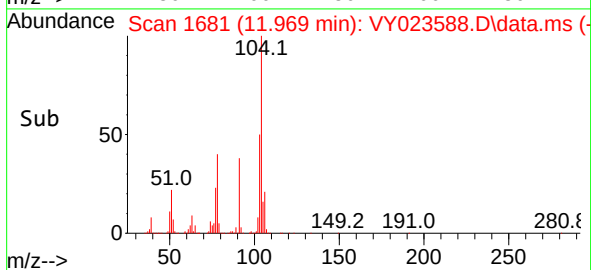
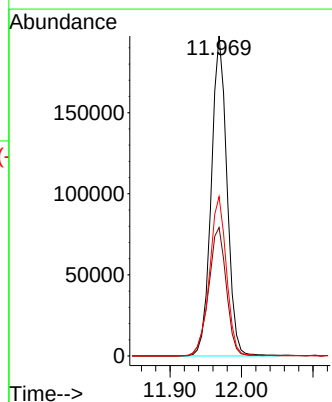
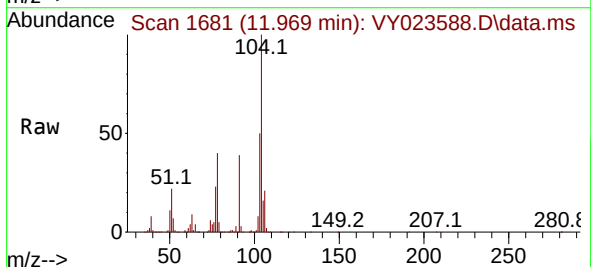
Manual Integrations
APPROVED

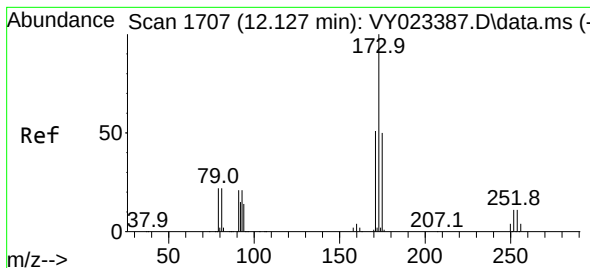
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#70
Styrene
Concen: 22.315 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Tgt Ion:104 Resp: 301330
Ion Ratio Lower Upper
104 100
78 45.0 36.1 54.1
103 53.6 43.2 64.8





#71

Bromoform

Concen: 21.688 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

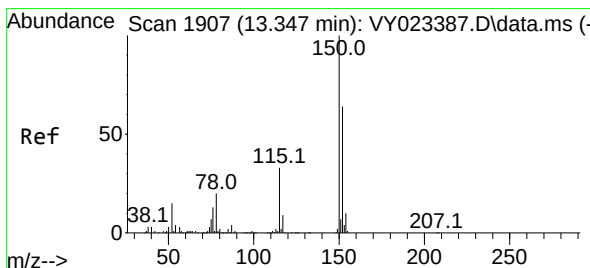
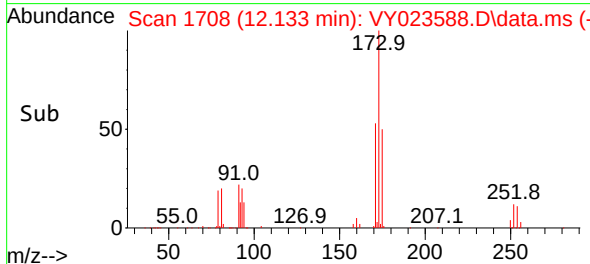
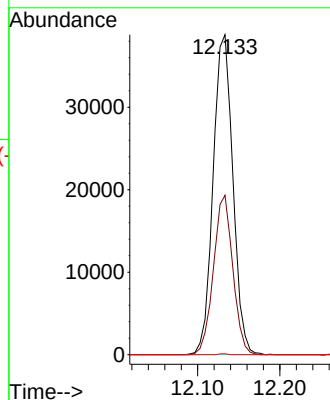
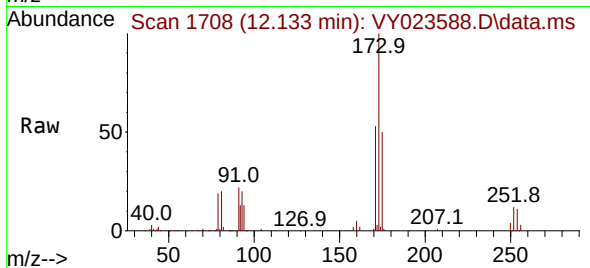
Tgt Ion:173 Resp: 64644
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.8 74.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

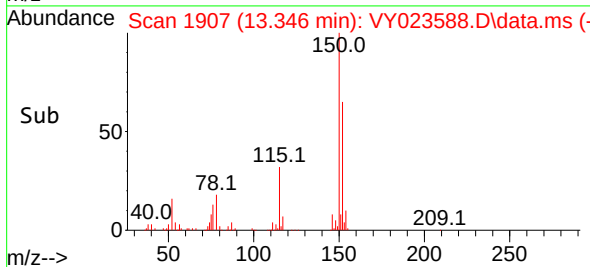
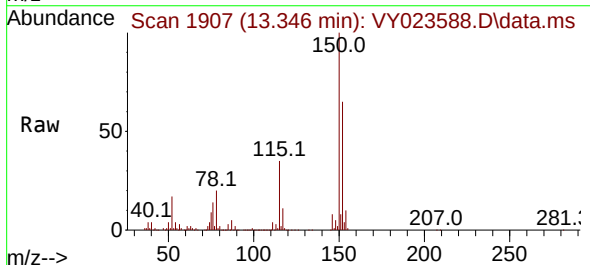
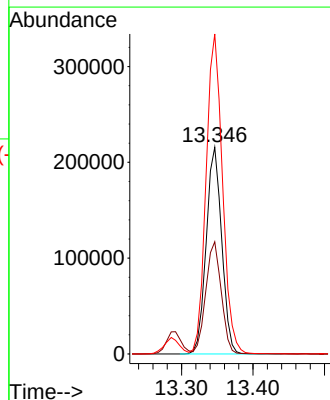
RT: 13.346 min Scan# 1907

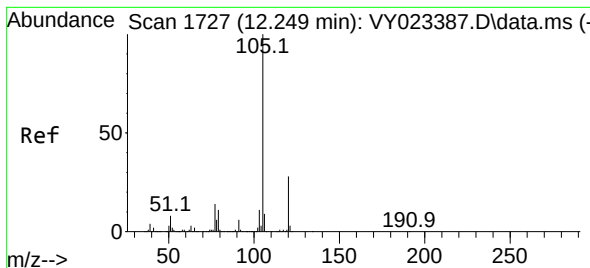
Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Tgt Ion:152 Resp: 325402
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.1 81.2
 150 163.9 0.0 347.4





#73

Isopropylbenzene

Concen: 22.189 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

Tgt Ion:105 Resp: 475820

Ion Ratio Lower Upper

105 100

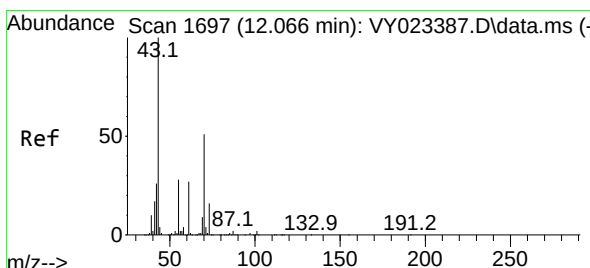
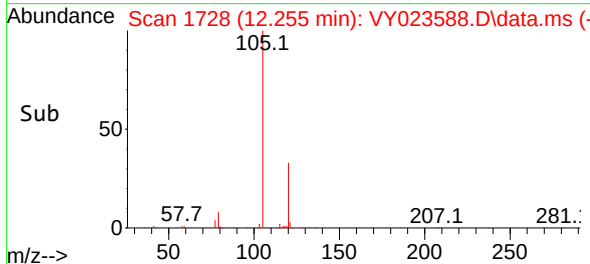
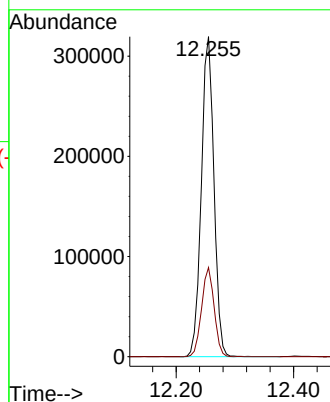
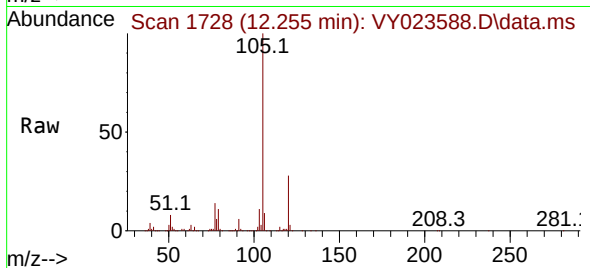
120 27.7 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#74

N-ethyl acetate

Concen: 19.380 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Tgt Ion: 43 Resp: 74645

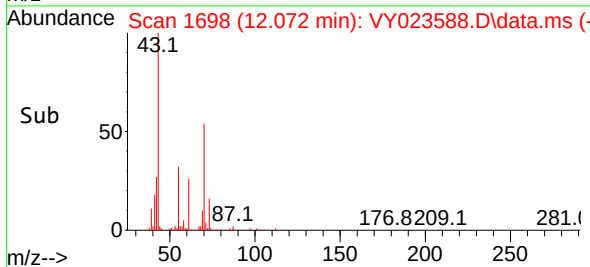
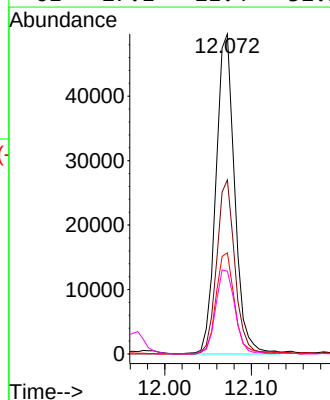
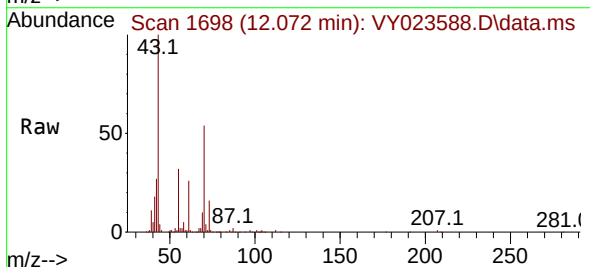
Ion Ratio Lower Upper

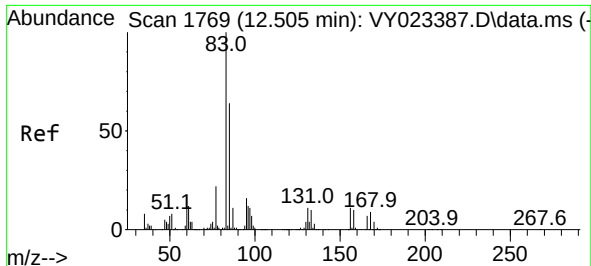
43 100

70 52.6 41.1 61.7

55 31.7 23.0 34.6

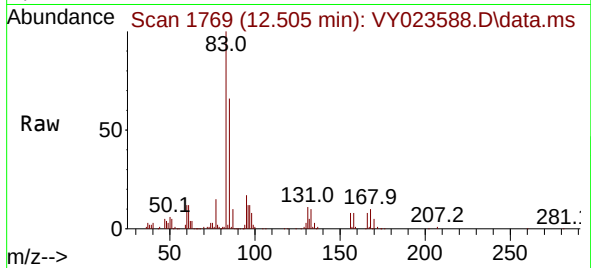
61 27.1 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.879 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

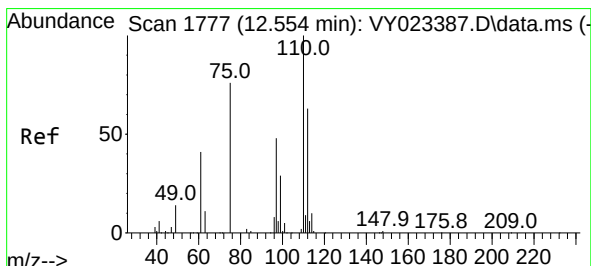
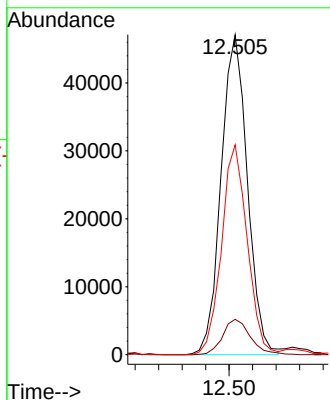
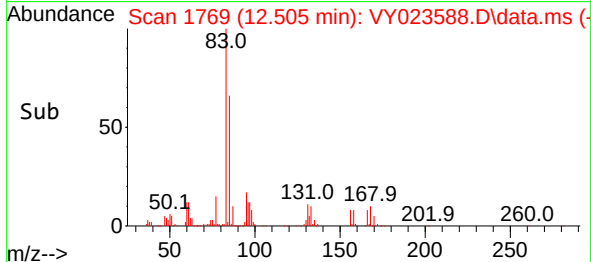
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



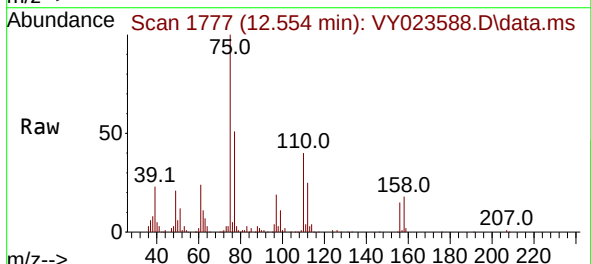
Tgt Ion: 83 Resp: 73229
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 63.9 31.8 95.3

Manual Integrations
APPROVED

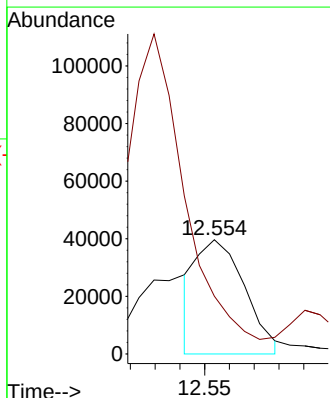
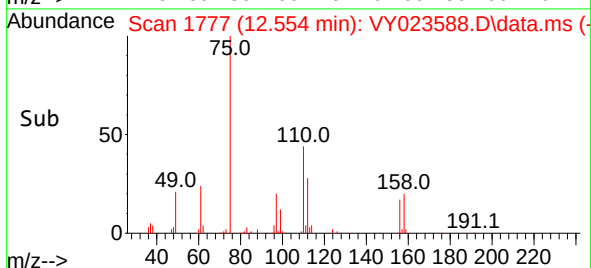
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

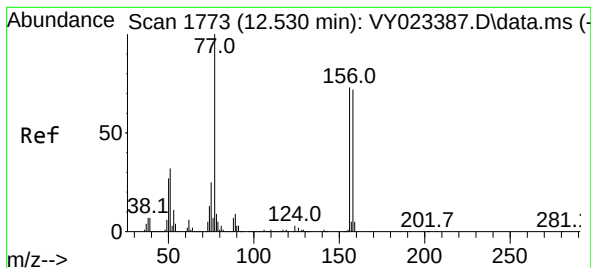


#76
1,2,3-Trichloropropane
Concen: 18.850 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



Tgt Ion: 75 Resp: 54116
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.620 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

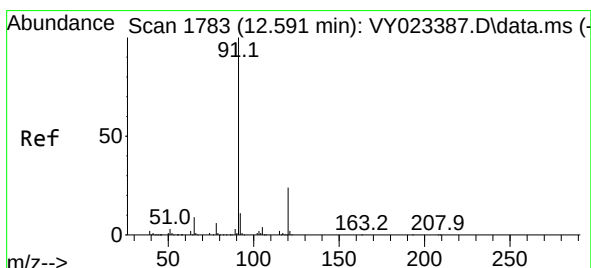
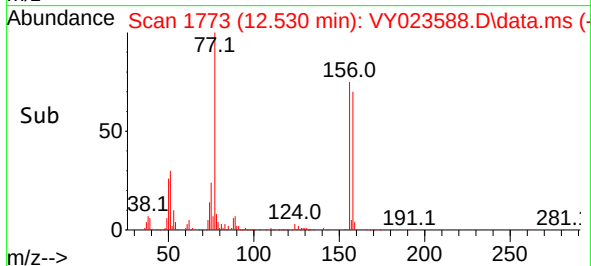
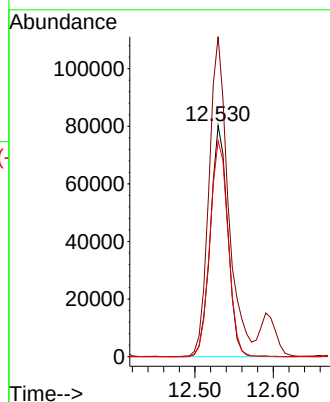
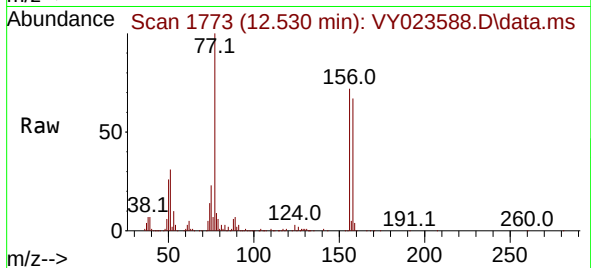
Tgt Ion:	156	Resp:	123258
Ion Ratio	Lower	Upper	
156	100		
77	153.3	76.8	230.5
158	97.8	49.0	147.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#78

n-propylbenzene

Concen: 22.496 ug/l

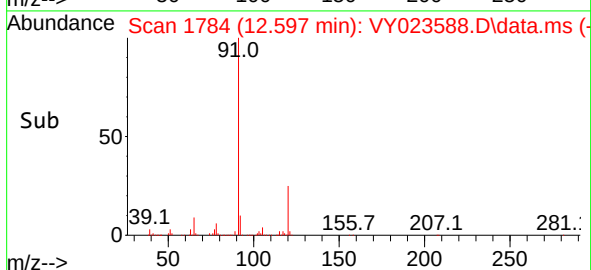
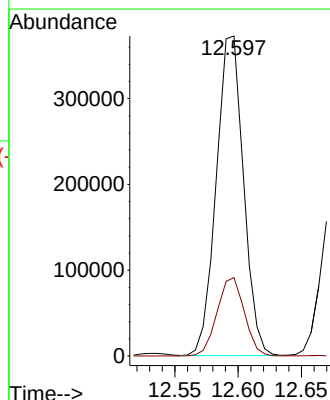
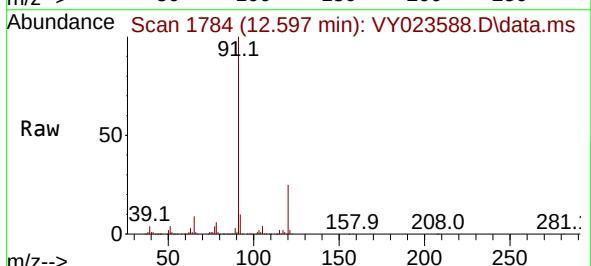
RT: 12.597 min Scan# 1784

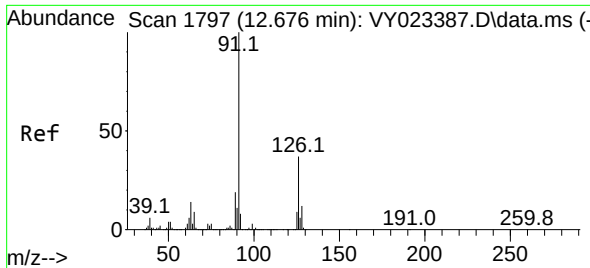
Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Tgt Ion:	91	Resp:	558261
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8





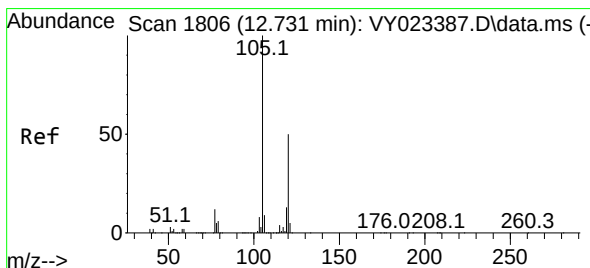
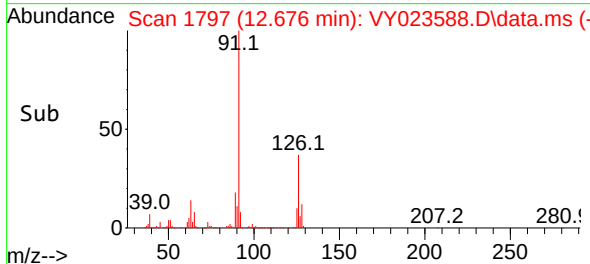
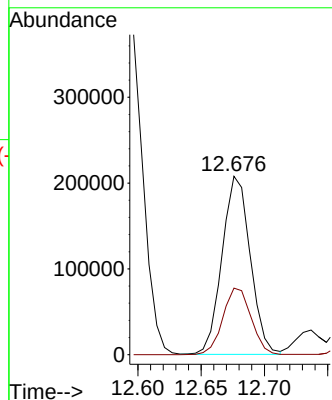
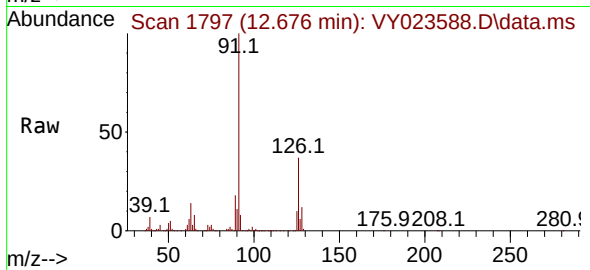
#79
2-Chlorotoluene
Concen: 22.199 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01

Tgt Ion: 91 Resp: 322585
Ion Ratio Lower Upper
91 100
126 37.4 18.5 55.5

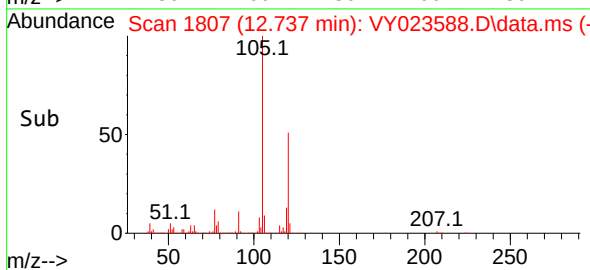
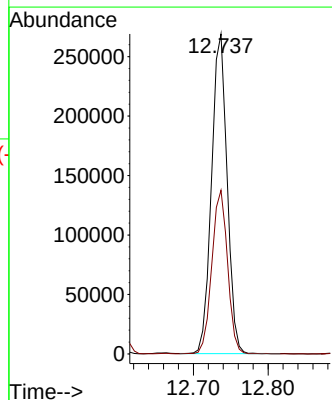
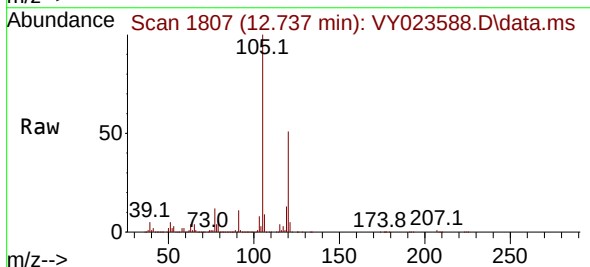
Manual Integrations
APPROVED

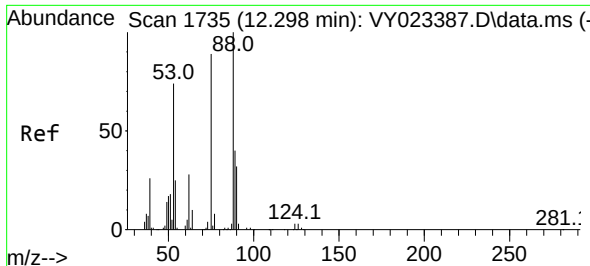
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.439 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

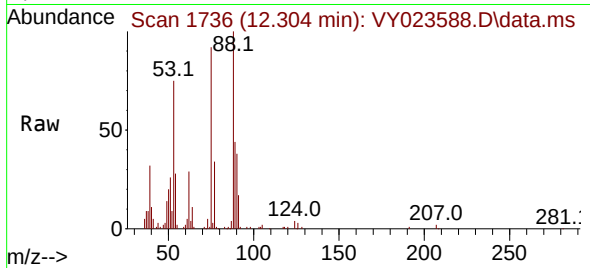
Tgt Ion:105 Resp: 388839
Ion Ratio Lower Upper
105 100
120 51.6 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.395 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

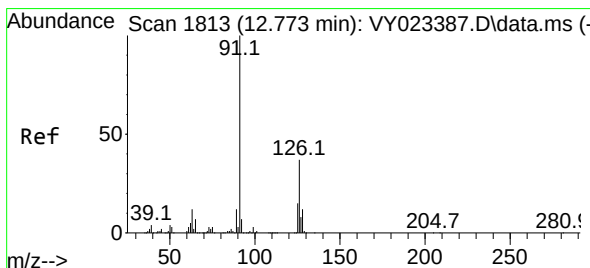
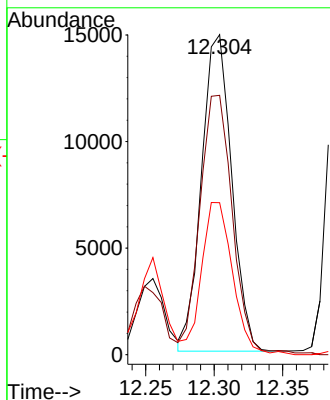
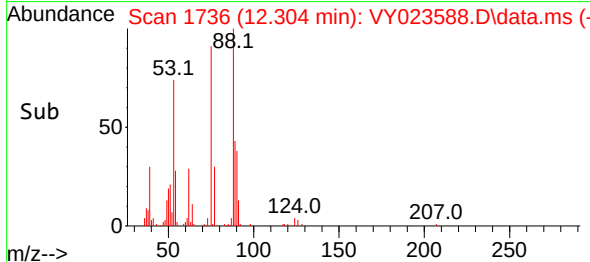
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01



Tgt Ion: 75 Resp: 2270
Ion Ratio Lower Upper
75 100
53 89.1 68.6 102.8
89 50.0 39.0 58.4

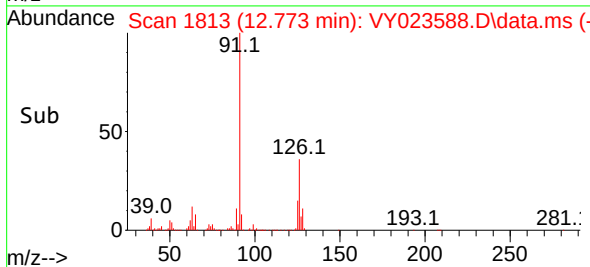
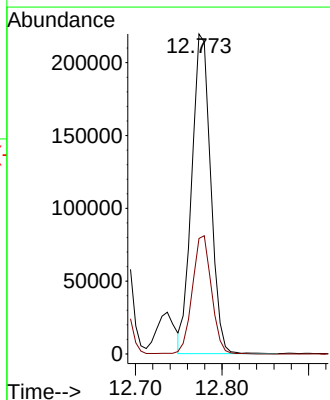
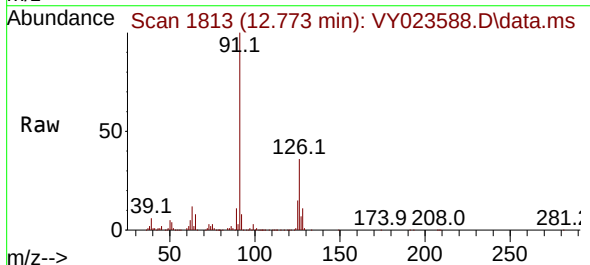
Manual Integrations
APPROVED

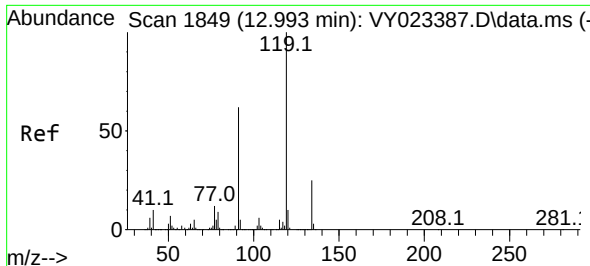
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#82
4-Chlorotoluene
Concen: 22.230 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

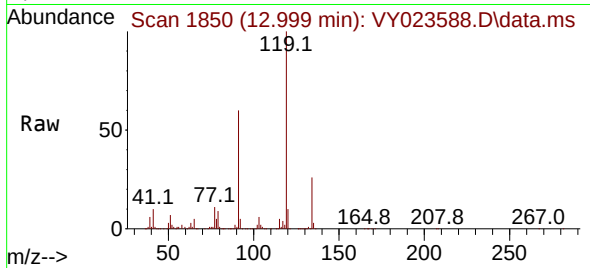
Tgt Ion: 91 Resp: 332694
Ion Ratio Lower Upper
91 100
126 37.5 18.4 55.4





#83
tert-Butylbenzene
Concen: 22.272 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

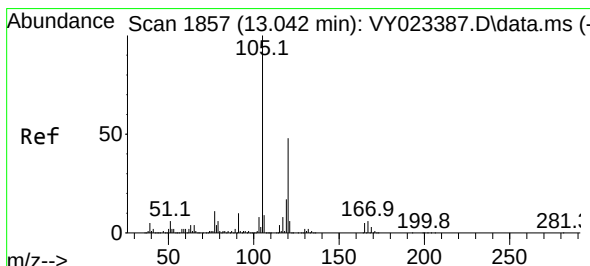
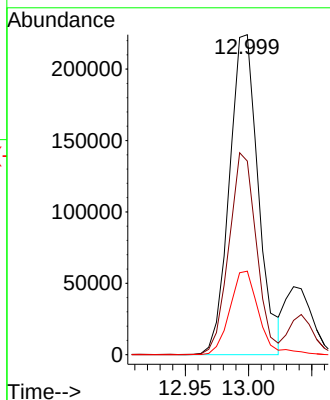
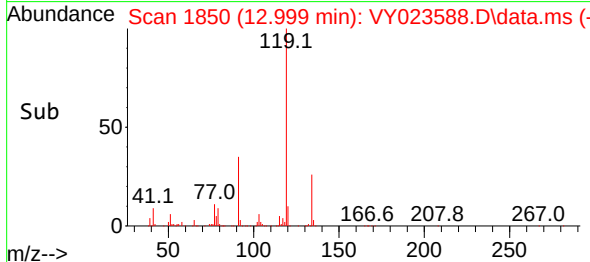
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBSD01



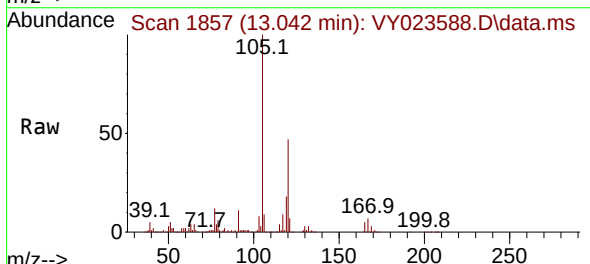
Tgt Ion:119 Resp: 35634
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.8
134 26.3 12.9 38.7

Manual Integrations
APPROVED

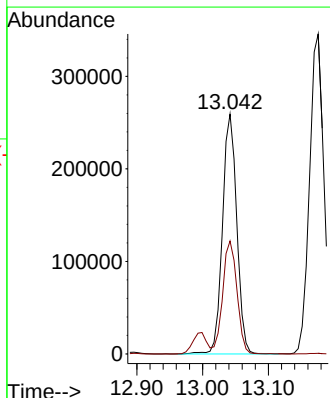
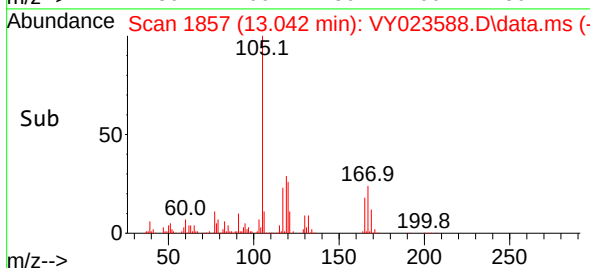
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

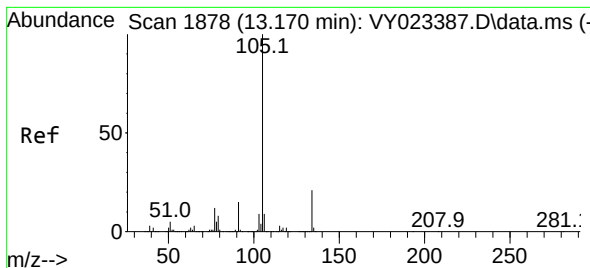


#84
1,2,4-Trimethylbenzene
Concen: 22.654 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39



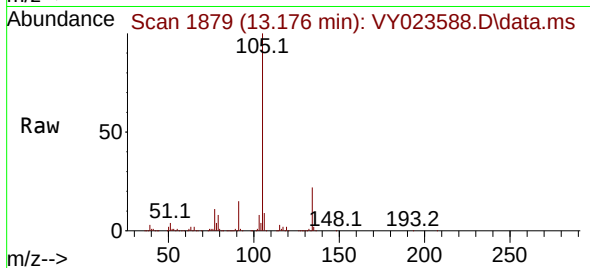
Tgt Ion:105 Resp: 391778
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 22.656 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

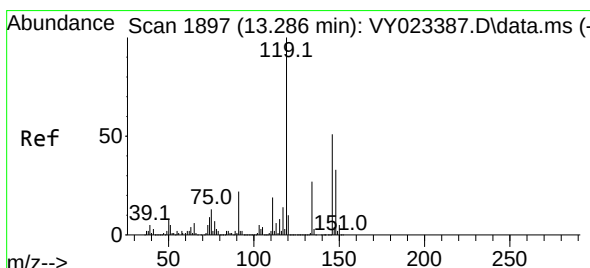
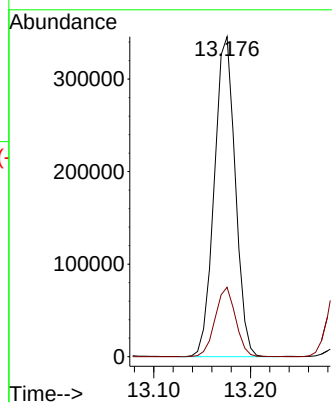
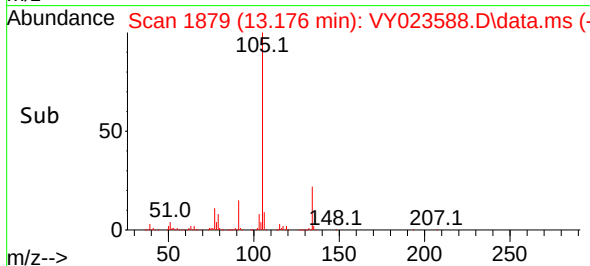
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBSD01



Tgt Ion:105 Resp: 51994
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1

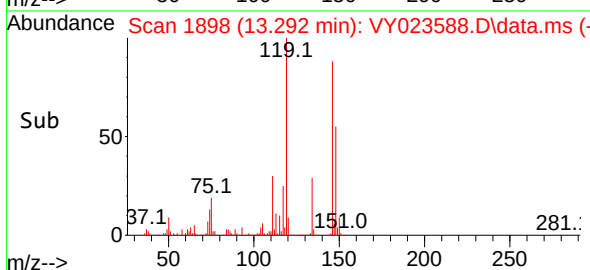
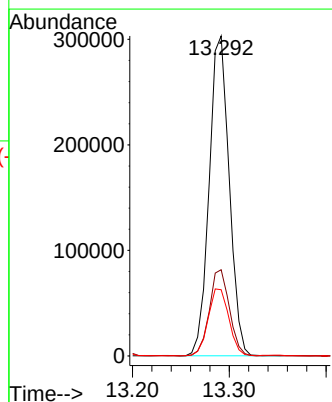
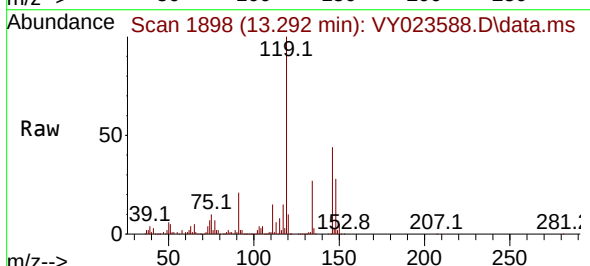
Manual Integrations
 APPROVED

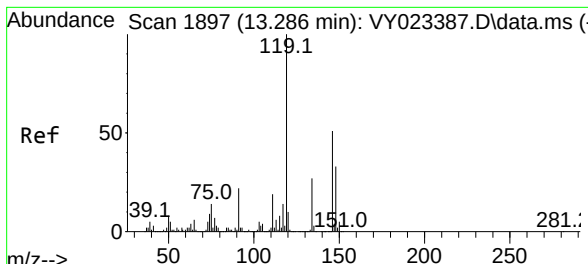
Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025



#86
 p-Isopropyltoluene
 Concen: 22.265 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

Tgt Ion:119 Resp: 435093
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.6 10.9 32.9





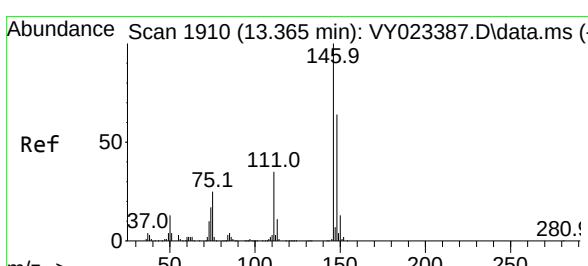
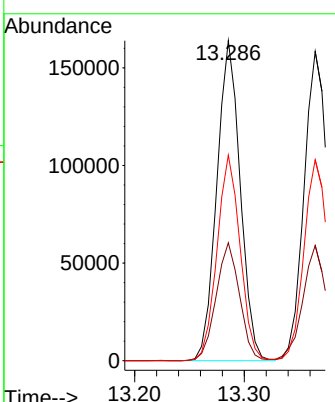
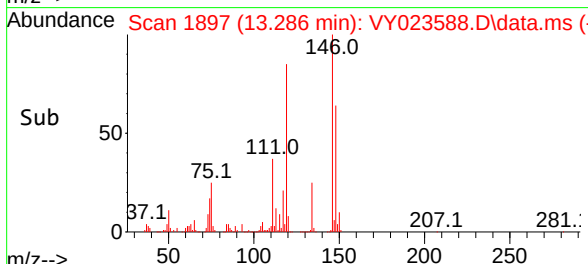
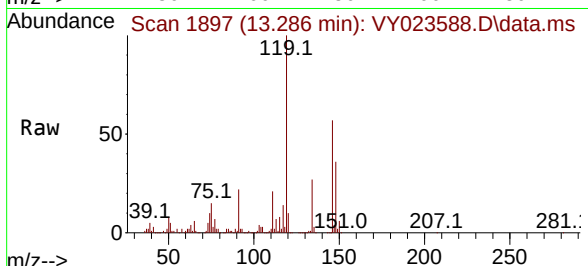
#87
 1,3-Dichlorobenzene
 Concen: 21.928 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

Instrument : MSVOA_Y
 ClientSampleId : VY1027SBSD01

Tgt Ion:146 Resp: 24343

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	63.3	31.9	95.9

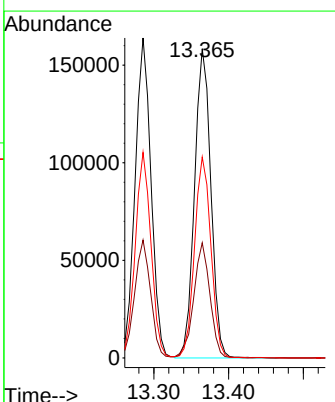
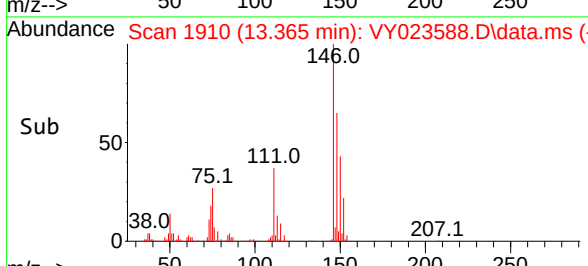
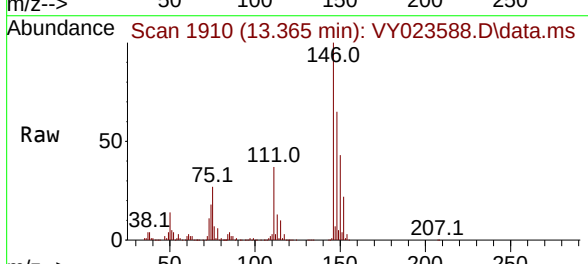
Manual Integrations
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 Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

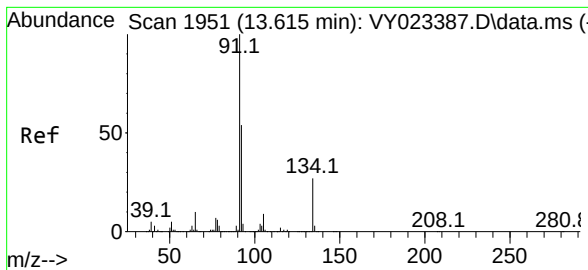


#88
 1,4-Dichlorobenzene
 Concen: 21.929 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

Tgt Ion:146 Resp: 240439

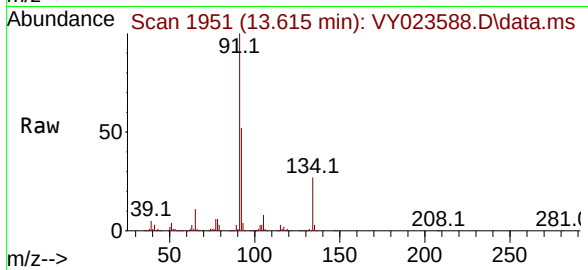
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.0	54.0
148	65.3	31.9	95.7





#89
n-Butylbenzene
Concen: 21.952 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

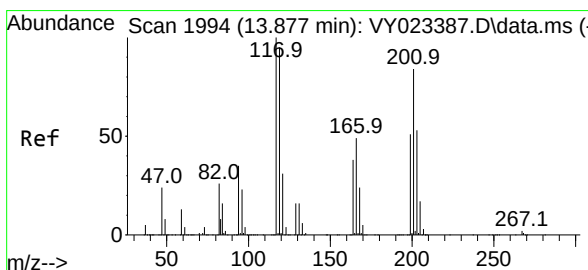
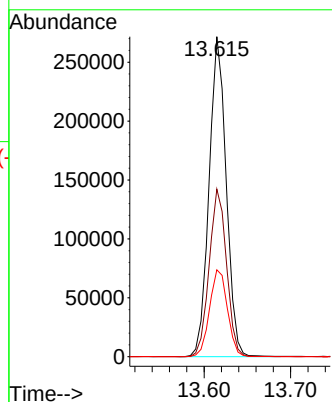
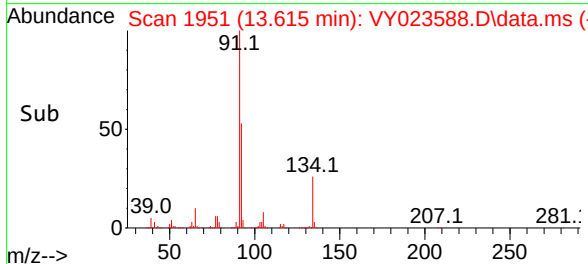
Instrument : MSVOA_Y
ClientSampleId : VY1027SBSD01



Tgt Ion: 91 Resp: 373775
Ion Ratio Lower Upper
91 100
92 53.0 27.0 80.8
134 28.3 14.1 42.2

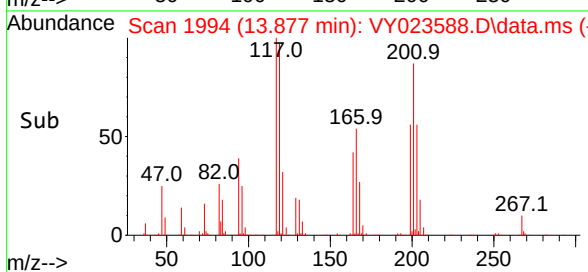
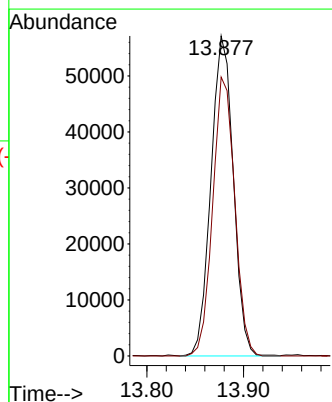
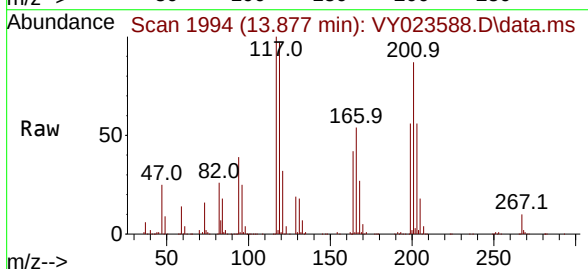
Manual Integrations
APPROVED

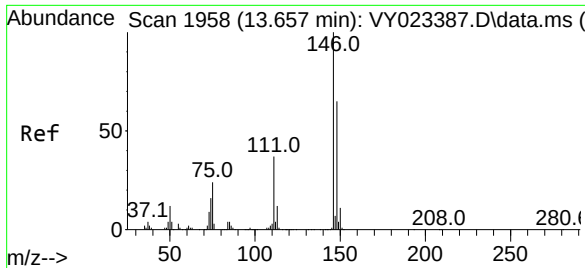
Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#90
Hexachloroethane
Concen: 21.816 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023588.D
Acq: 27 Oct 2025 10:39

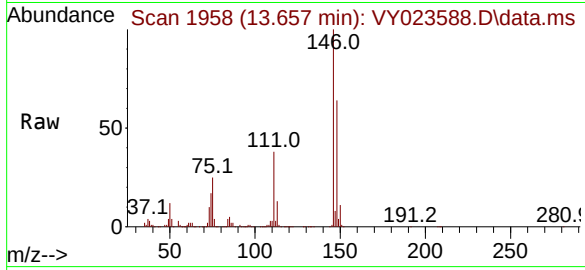
Tgt Ion:117 Resp: 91694
Ion Ratio Lower Upper
117 100
201 85.7 43.8 131.4





#91
 1,2-Dichlorobenzene
 Concen: 21.952 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39

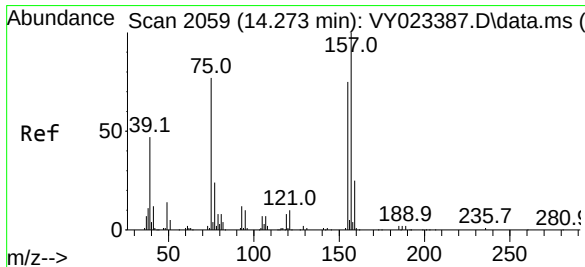
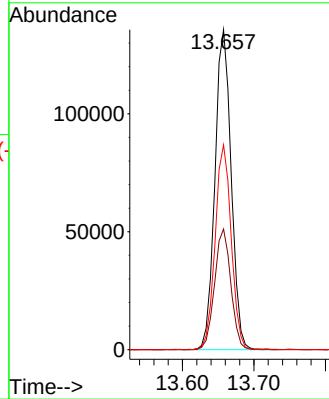
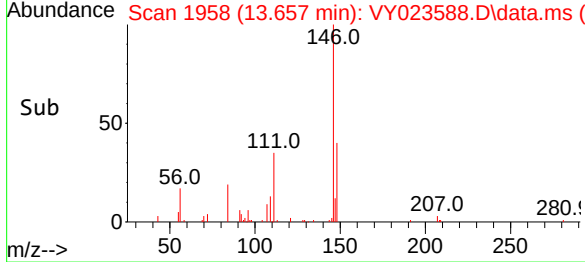
Instrument : MSVOA_Y
 ClientSampleId : VY1027SBSD01



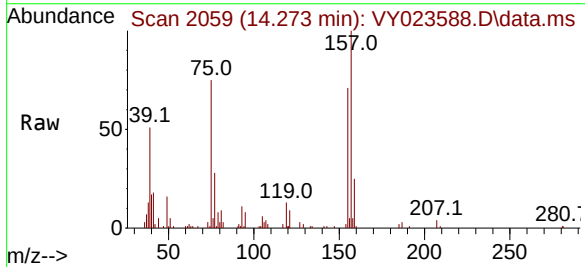
Tgt Ion:146 Resp: 21366
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 63.4 32.1 96.3

Manual Integrations
 APPROVED

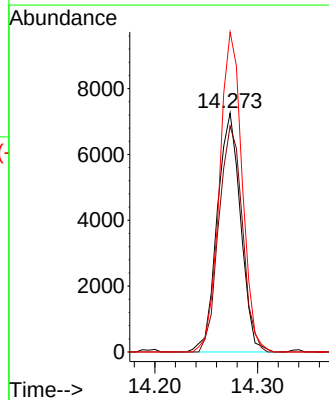
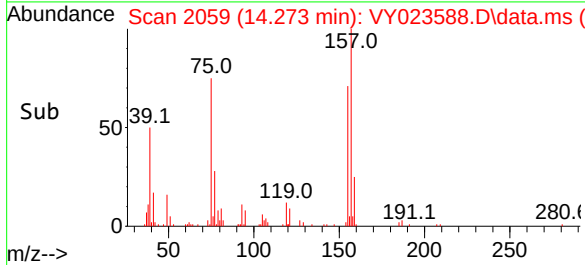
Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

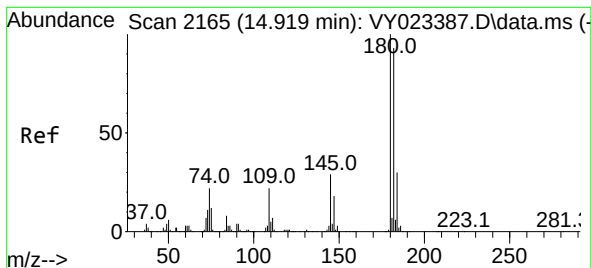


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.873 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023588.D
 Acq: 27 Oct 2025 10:39



Tgt Ion: 75 Resp: 11437
 Ion Ratio Lower Upper
 75 100
 155 95.1 50.0 150.0
 157 128.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.422 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023588.D

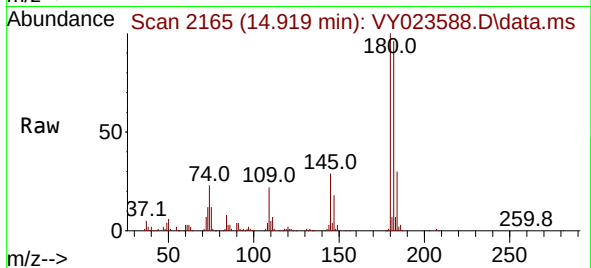
Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01



Tgt Ion:180 Resp: 123920

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.6

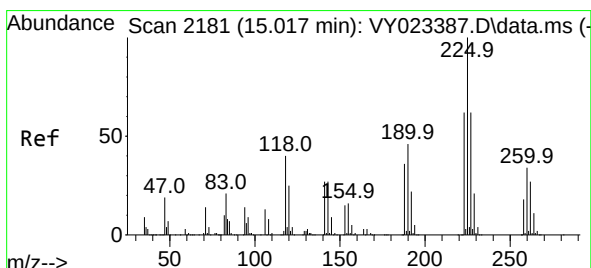
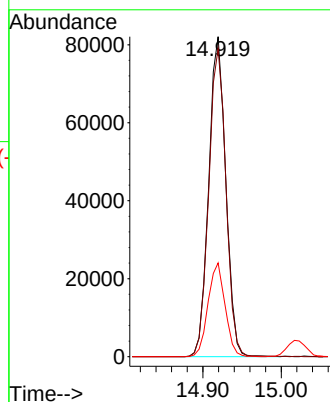
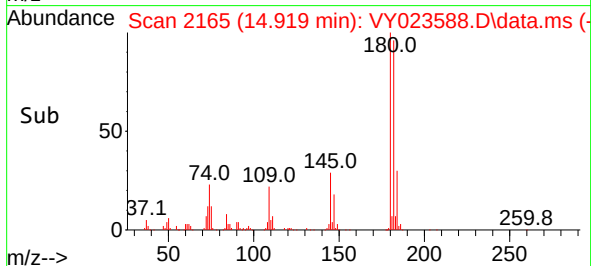
145 29.3 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#94

Hexachlorobutadiene

Concen: 22.043 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

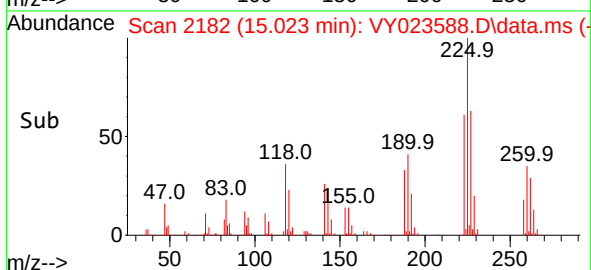
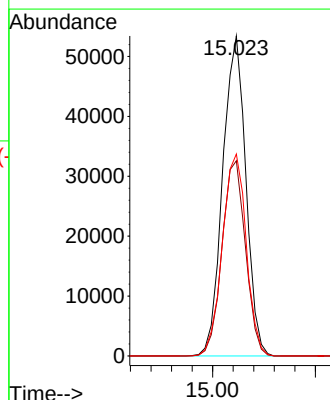
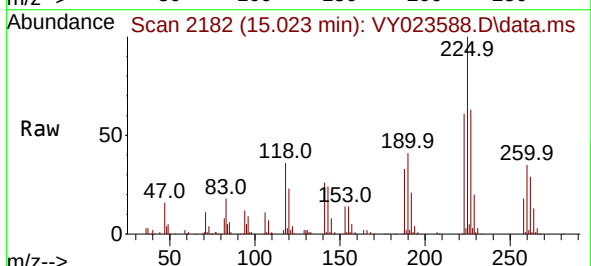
Tgt Ion:225 Resp: 83375

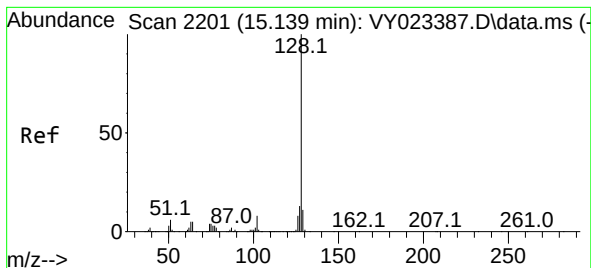
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 65.1 31.9 95.7





#95

Naphthalene

Concen: 18.516 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBSD01

Tgt Ion:128 Resp: 178910

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

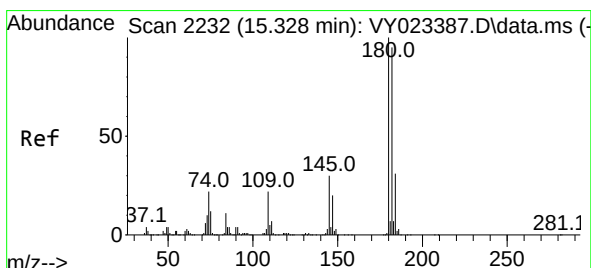
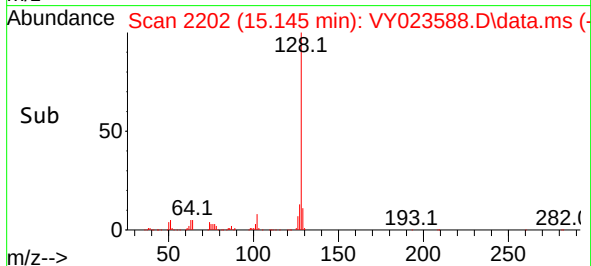
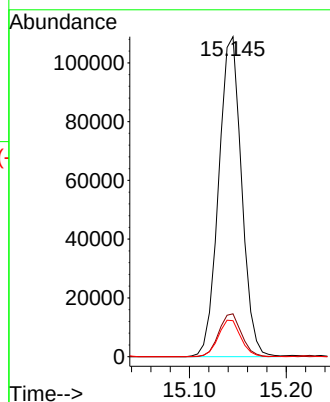
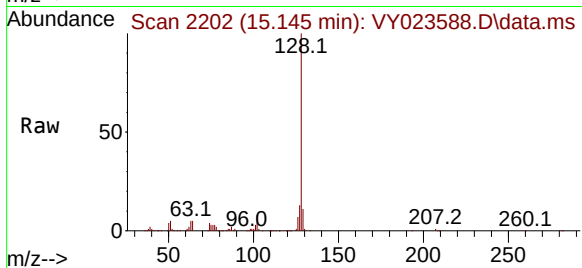
129 11.3 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.203 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Tgt Ion:180 Resp: 106184

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 30.6 15.3 45.9

