

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022425.D
 Acq On : 27 May 2025 10:22
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025

Quant Time: May 28 10:00:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 09:30:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	254497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	420045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	364148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	175436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	275425	102.746	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 205.500%#			
35) Dibromofluoromethane	7.640	113	259880	105.646	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 211.300%#			
50) Toluene-d8	10.109	98	1070243	106.726	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 213.460%#			
62) 4-Bromofluorobenzene	12.408	95	321108	105.861	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 211.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	219107	90.239	ug/l	99
3) Chloromethane	2.074	50	476625	79.803	ug/l	99
4) Vinyl Chloride	2.208	62	657774	90.657	ug/l	97
5) Bromomethane	2.592	94	617342	93.629	ug/l	98
6) Chloroethane	2.739	64	461685	97.376	ug/l	100
7) Trichlorofluoromethane	3.056	101	604374	98.726	ug/l	99
8) Diethyl Ether	3.458	74	144974	102.707	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	266284	99.149	ug/l	99
10) Methyl Iodide	4.007	142	338872	111.841	ug/l	100
11) Tert butyl alcohol	4.872	59	96979	513.234	ug/l	99
12) 1,1-Dichloroethene	3.793	96	264638	99.249	ug/l	98
13) Acrolein	3.659	56	149071	526.536	ug/l	100
14) Allyl chloride	4.391	41	407614	101.625	ug/l	98
15) Acrylonitrile	5.068	53	299369	526.172	ug/l	99
16) Acetone	3.879	43	219178	497.574	ug/l #	88
17) Carbon Disulfide	4.110	76	851273	100.043	ug/l	100
18) Methyl Acetate	4.391	43	178729	108.317	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	735411	103.886	ug/l	99
20) Methylene Chloride	4.623	84	279934	89.995	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	296339	101.801	ug/l	97
22) Diisopropyl ether	6.025	45	906611	102.415	ug/l	99
23) Vinyl Acetate	5.964	43	2634055	518.224	ug/l	99
24) 1,1-Dichloroethane	5.921	63	540724	103.372	ug/l	99
25) 2-Butanone	6.903	43	386768	527.215	ug/l	100
26) 2,2-Dichloropropane	6.890	77	482308	101.829	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	348023	103.273	ug/l	99
28) Bromochloromethane	7.250	49	223498	102.322	ug/l	99
29) Tetrahydrofuran	7.268	42	254076	519.309	ug/l	99
30) Chloroform	7.427	83	535360	103.866	ug/l	99
31) Cyclohexane	7.707	56	481828	93.445	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	484647	103.605	ug/l	99
36) 1,1-Dichloropropene	7.841	75	405555	103.896	ug/l	99
37) Ethyl Acetate	6.988	43	174471	105.171	ug/l	99
38) Carbon Tetrachloride	7.823	117	428817	105.456	ug/l	99
39) Methylcyclohexane	9.110	83	536153	103.329	ug/l	98
40) Benzene	8.085	78	1229435	105.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	107407	49.194	ug/l	94
42) 1,2-Dichloroethane	8.165	62	321758	104.887	ug/l	99
43) Isopropyl Acetate	8.201	43	385296	106.287	ug/l	100
44) Trichloroethene	8.866	130	300293	104.583	ug/l	97
45) 1,2-Dichloropropane	9.146	63	286982	105.160	ug/l	98
46) Dibromomethane	9.231	93	160779	105.464	ug/l	99
47) Bromodichloromethane	9.427	83	413821	105.558	ug/l	96
48) Methyl methacrylate	9.225	41	181931	108.116	ug/l	100
49) 1,4-Dioxane	9.231	88	36343	2158.331	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	995669	556.674	ug/l	99
52) Toluene	10.176	92	780350	107.563	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	396365	108.544	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	460876	107.411	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	204326	106.007	ug/l	97
56) Ethyl methacrylate	10.439	69	306772	110.908	ug/l	98
57) 1,3-Dichloropropane	10.719	76	359684	105.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	770988	559.284	ug/l	100
59) 2-Hexanone	10.762	43	660980	563.900	ug/l	98
60) Dibromochloromethane	10.914	129	268919	109.221	ug/l	99
61) 1,2-Dibromoethane	11.018	107	187723	106.485	ug/l	98
64) Tetrachloroethene	10.652	164	312696	100.828	ug/l	98
65) Chlorobenzene	11.444	112	824685	106.209	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	285811	108.640	ug/l	99
67) Ethyl Benzene	11.524	91	1560112	108.210	ug/l	98
68) m/p-Xylenes	11.633	106	1201541	219.811	ug/l	99
69) o-Xylene	11.957	106	559553	108.917	ug/l	100
70) Styrene	11.969	104	959318	112.144	ug/l	99
71) Bromoform	12.133	173	149684	108.623	ug/l #	100
73) Isopropylbenzene	12.255	105	1440314	104.314	ug/l	100
74) N-amyl acetate	12.072	43	368563	109.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	228832	105.191	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	178010m	61.586	ug/l	
77) Bromobenzene	12.536	156	305847	102.933	ug/l	97
78) n-propylbenzene	12.597	91	1737515	104.859	ug/l	100
79) 2-Chlorotoluene	12.682	91	934717	104.209	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1143145	105.961	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	80556	103.668	ug/l	99
82) 4-Chlorotoluene	12.780	91	972892	105.314	ug/l	100
83) tert-Butylbenzene	12.999	119	1023704	105.025	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1159943	106.843	ug/l	99
85) sec-Butylbenzene	13.176	105	1528524	105.741	ug/l	99
86) p-Isopropyltoluene	13.292	119	1320591	109.402	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	644184	107.749	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	599095	104.800	ug/l	99
89) n-Butylbenzene	13.621	91	1207976	106.731	ug/l	99
90) Hexachloroethane	13.883	117	251685	104.776	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	524498	105.034	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32714	97.318	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	295471	106.731	ug/l	98
94) Hexachlorobutadiene	15.023	225	153056	105.350	ug/l	98
95) Naphthalene	15.145	128	568187	111.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	246652	108.638	ug/l	98

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

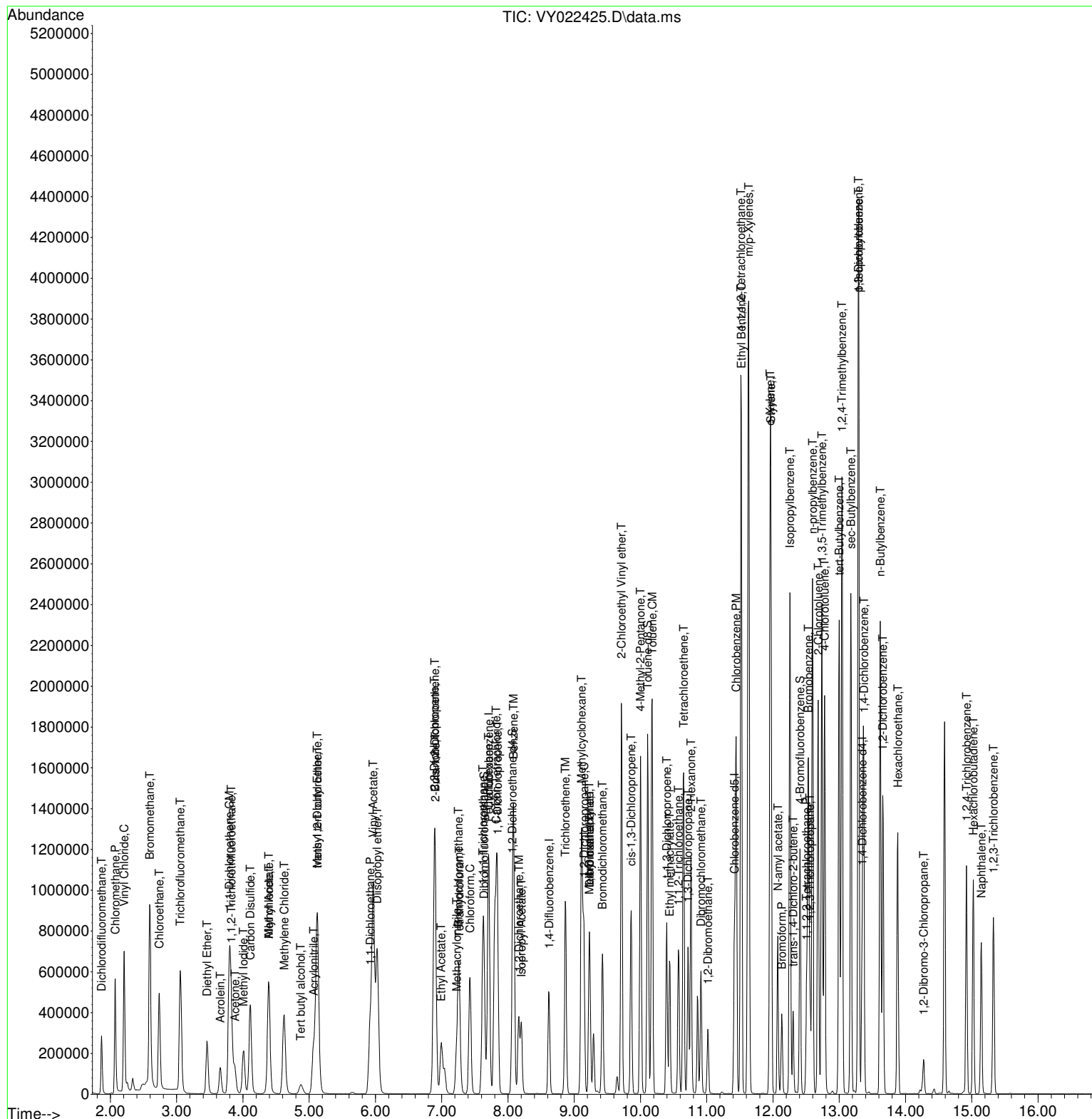
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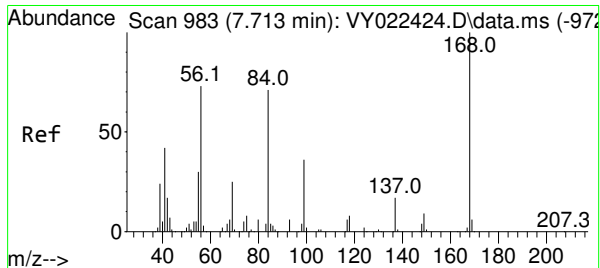
Instrument :
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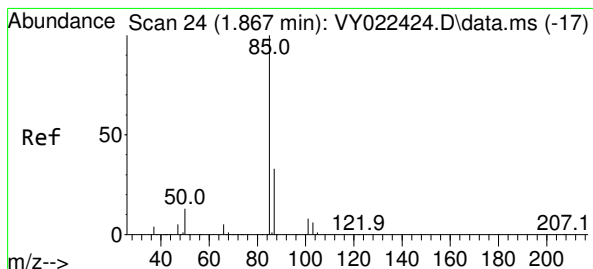
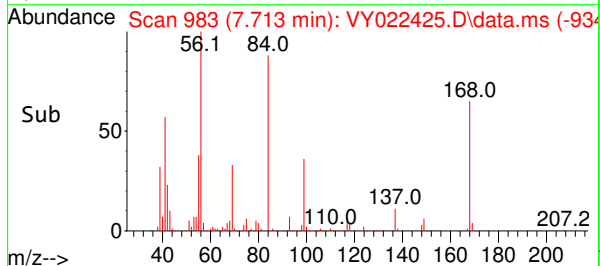
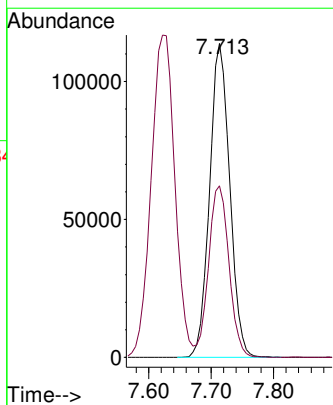
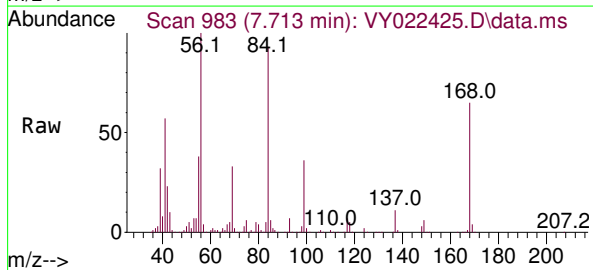
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 25449
Ion Ratio Lower Upper
168 100
99 54.7 44.7 67.1

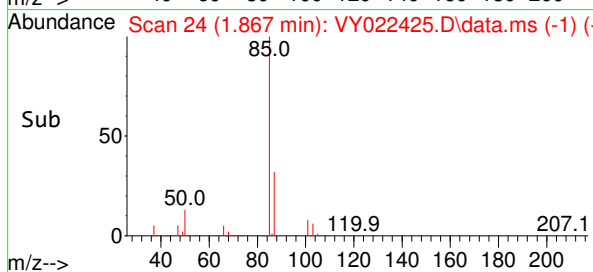
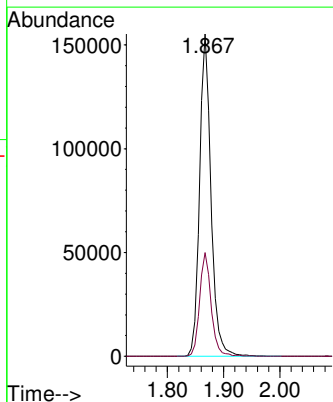
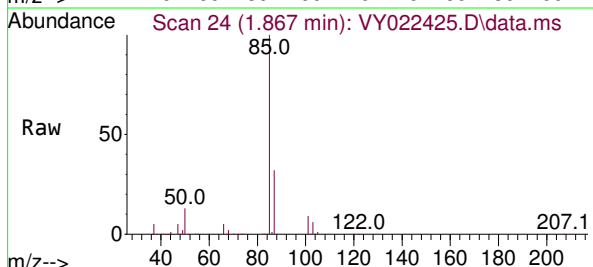
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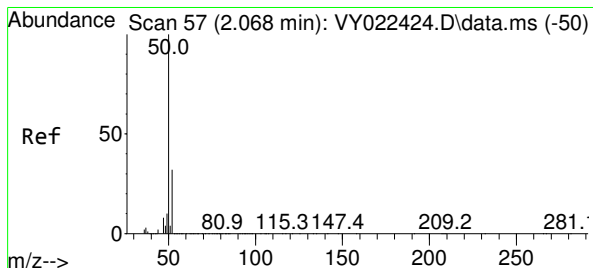
Reviewed By :Amit Patel 05/28/2025
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#2
Dichlorodifluoromethane
Concen: 90.239 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 85 Resp: 219107
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2





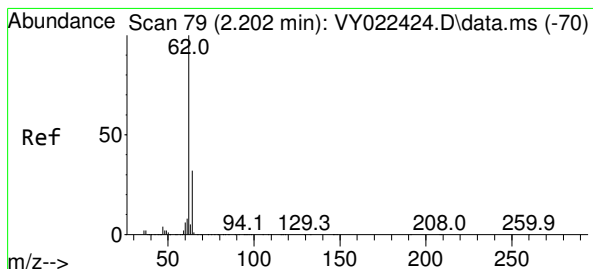
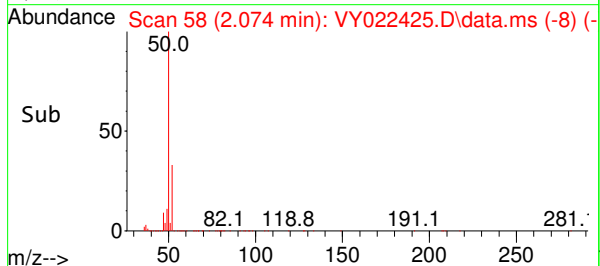
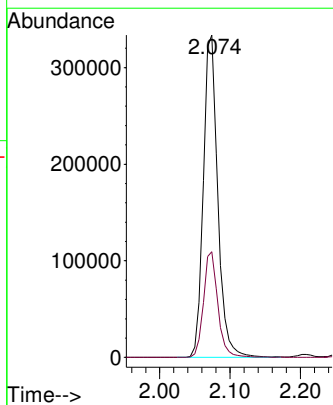
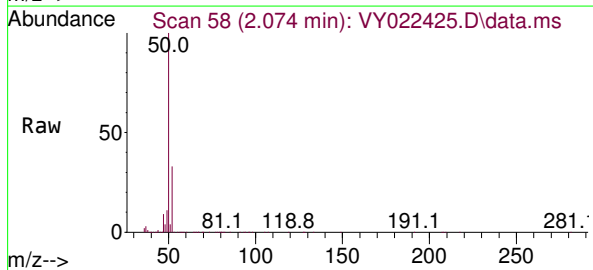
#3
Chloromethane
Concen: 79.803 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 47662
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

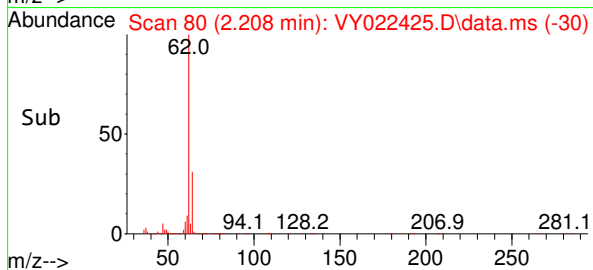
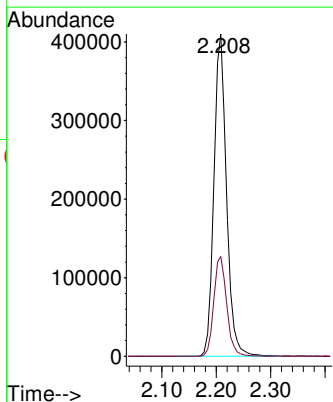
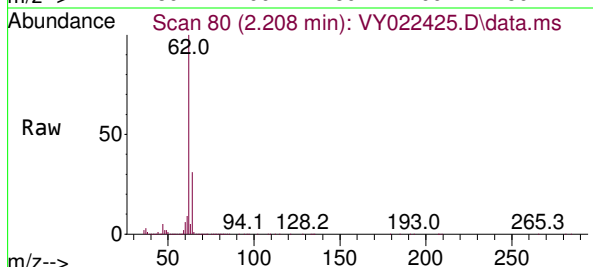
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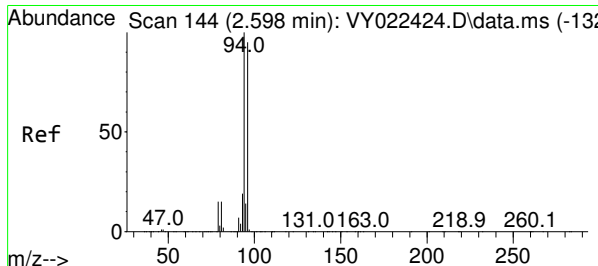
Reviewed By :Amit Patel 05/28/2025
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#4
Vinyl Chloride
Concen: 90.657 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 62 Resp: 657774
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





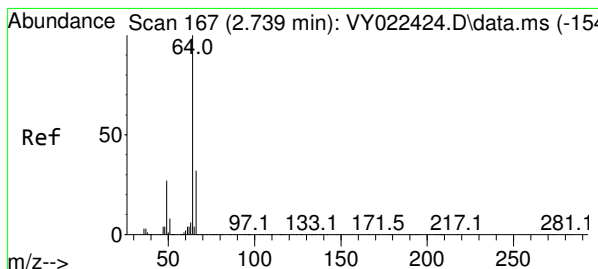
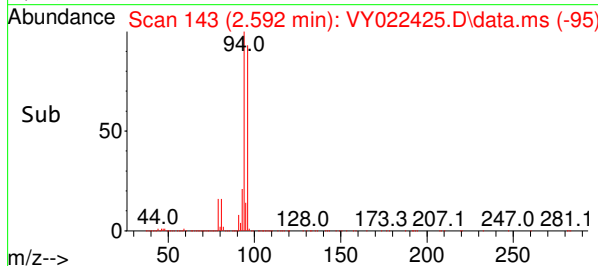
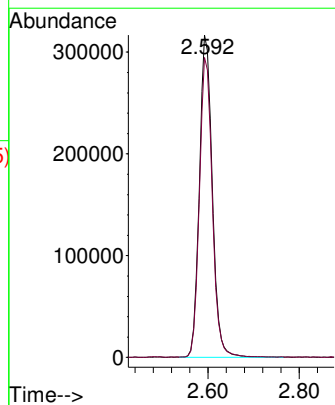
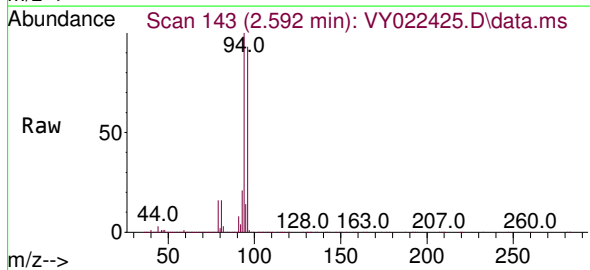
#5
Bromomethane
Concen: 93.629 ug/l
RT: 2.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022425.D
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Tgt Ion: 94 Resp: 61734
Ion Ratio Lower Upper
94 100
96 93.0 76.0 114.0

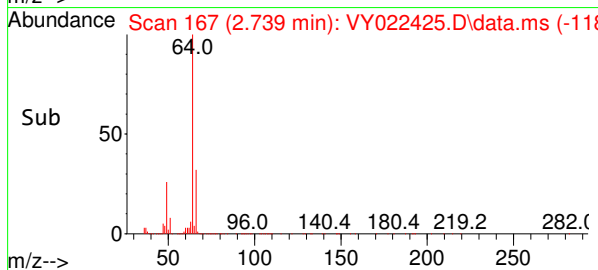
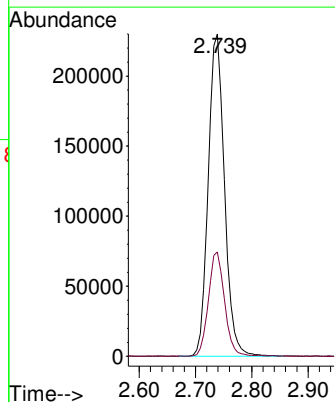
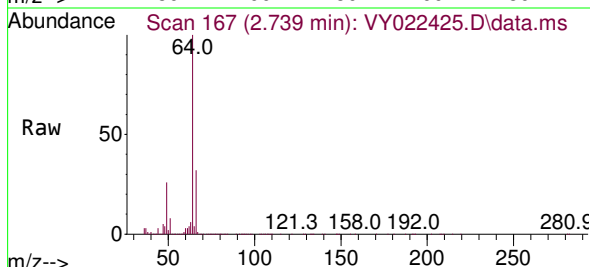
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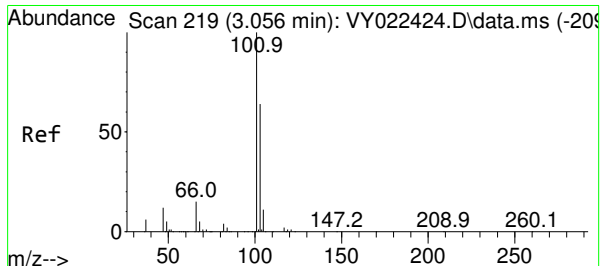
Reviewed By :Amit Patel 05/28/2025
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#6
Chloroethane
Concen: 97.376 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 64 Resp: 461685
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9





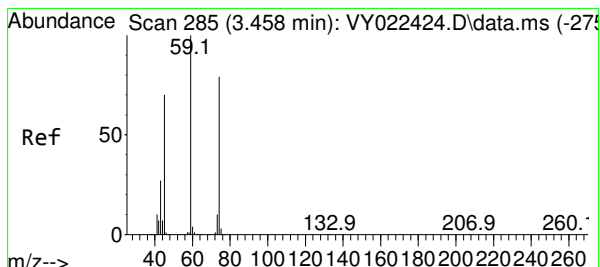
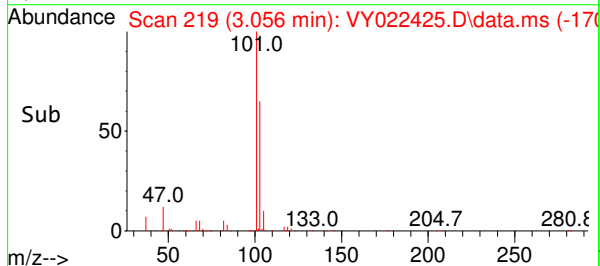
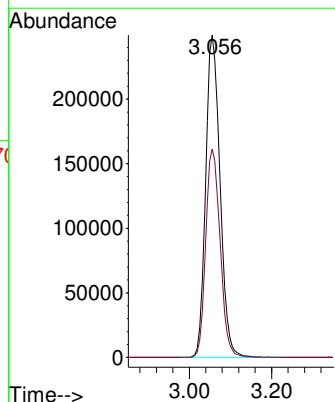
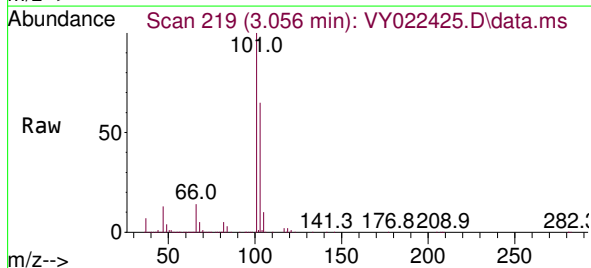
#7
Trichlorofluoromethane
Concen: 98.726 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDIC100

Tgt Ion: 101 Resp: 60437
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

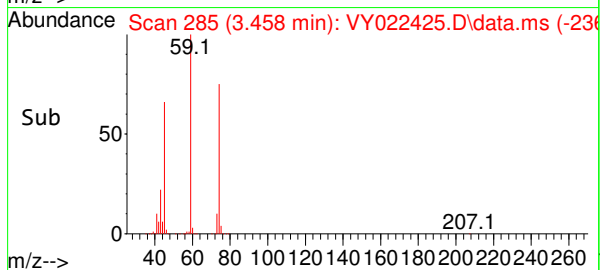
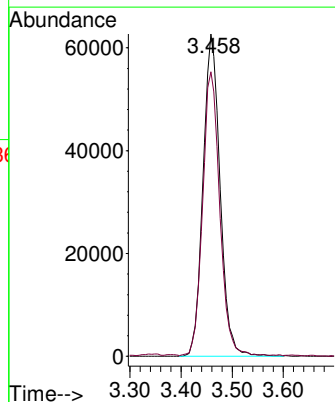
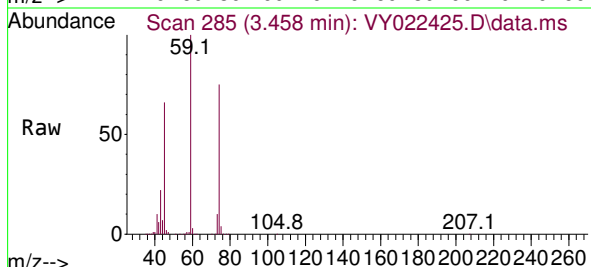
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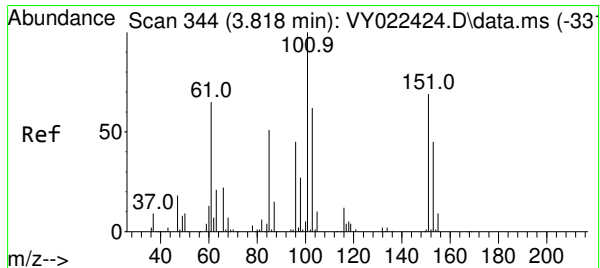
Reviewed By :Amit Patel 05/28/2025
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#8
Diethyl Ether
Concen: 102.707 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 74 Resp: 144974
Ion Ratio Lower Upper
74 100
45 88.4 44.9 134.5





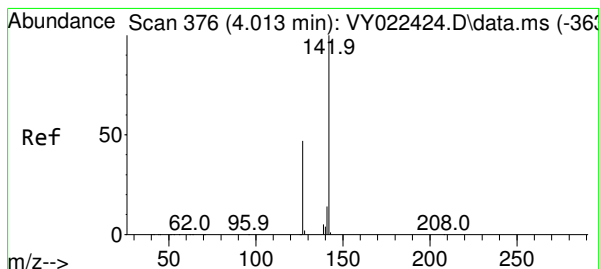
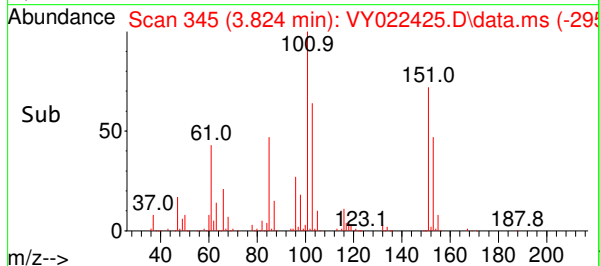
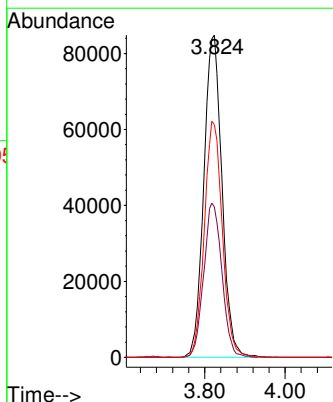
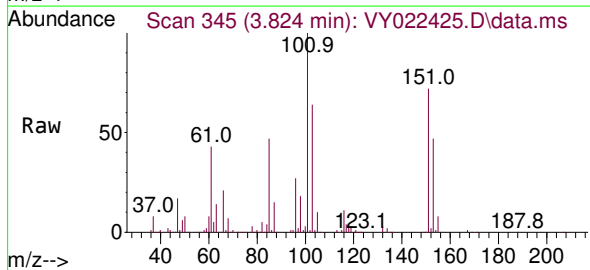
#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.149 ug/l
RT: 3.824 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.1	39.2	58.8
151	72.8	58.8	88.2

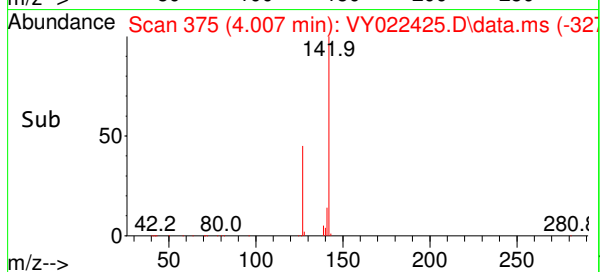
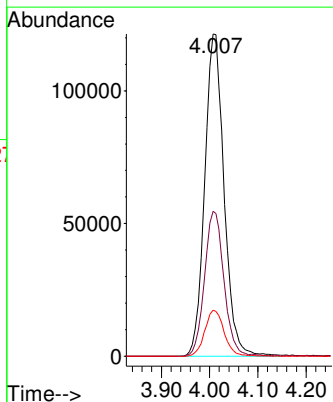
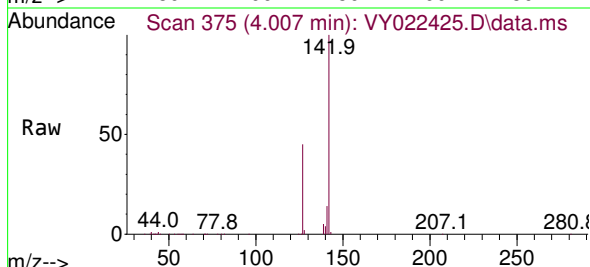
Manual Integrations
APPROVED

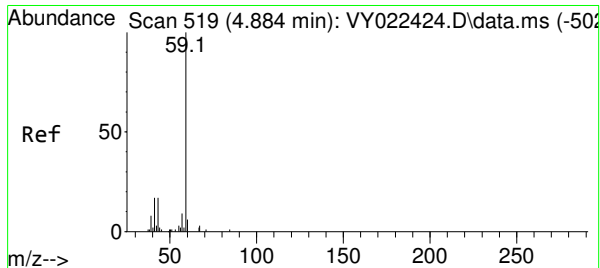
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#10
Methyl Iodide
Concen: 111.841 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.3	36.2	54.4
141	14.4	11.6	17.4





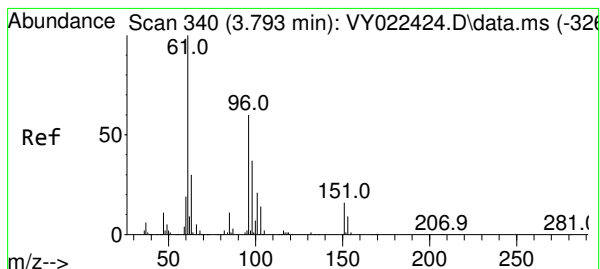
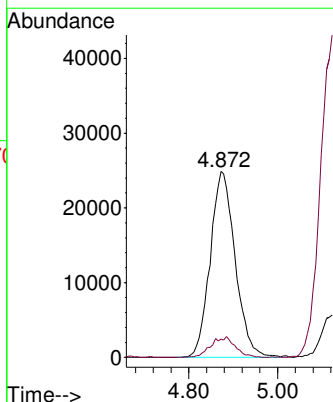
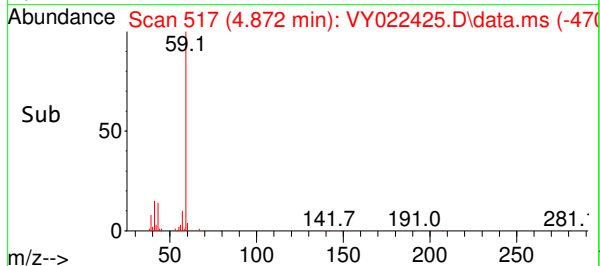
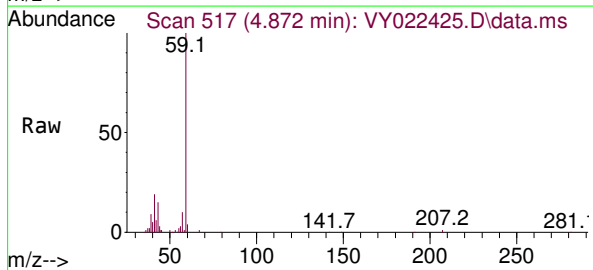
#11
Tert butyl alcohol
Concen: 513.234 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 9697
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

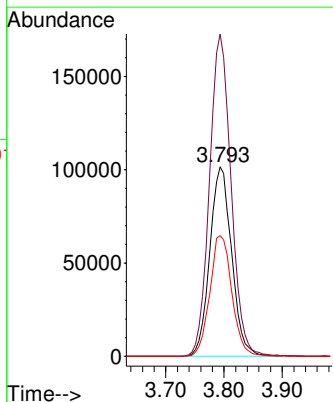
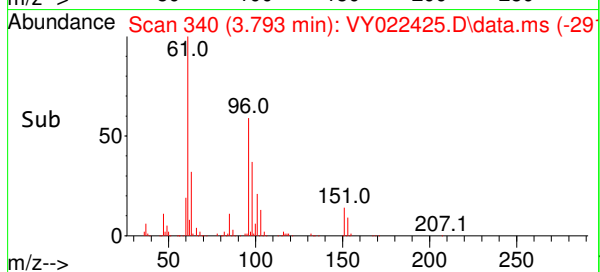
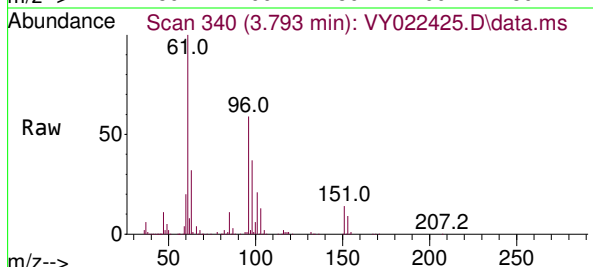
Manual Integrations
APPROVED

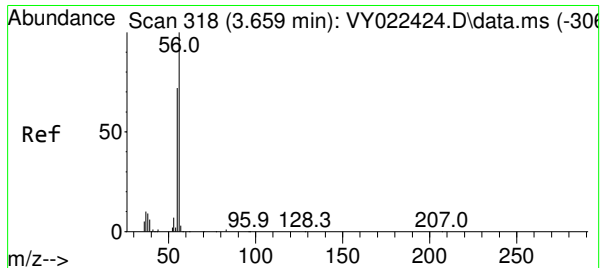
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#12
1,1-Dichloroethene
Concen: 99.249 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 96 Resp: 264638
Ion Ratio Lower Upper
96 100
61 170.1 134.1 201.1
98 63.8 50.2 75.2





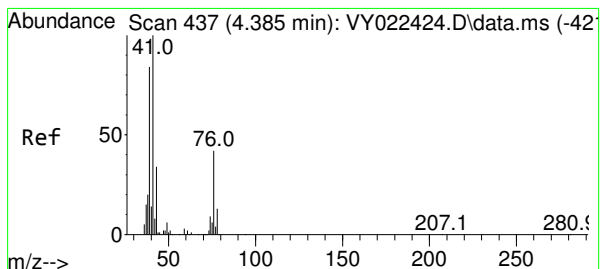
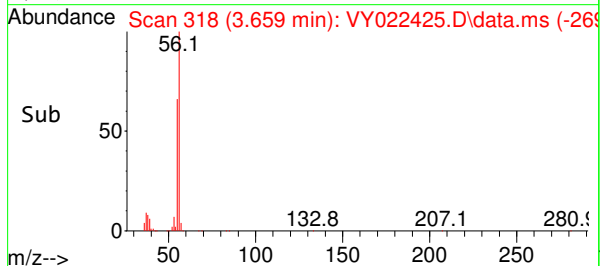
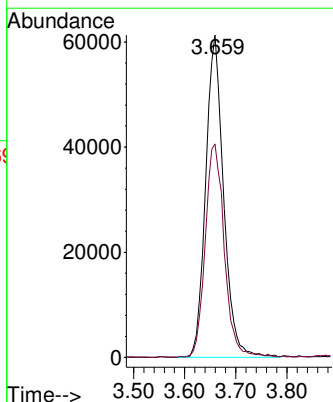
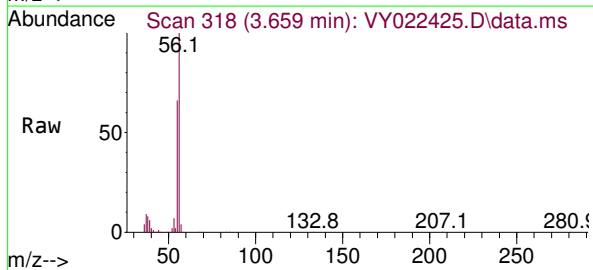
#13
Acrolein
Concen: 526.536 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 14907
Ion Ratio Lower Upper
56 100
55 70.3 56.5 84.7

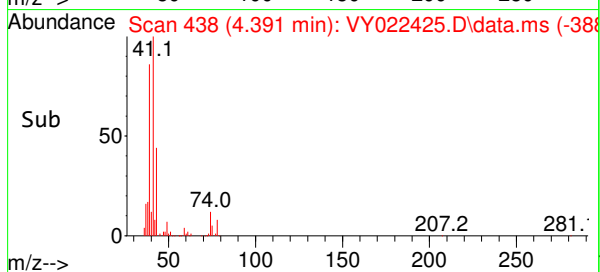
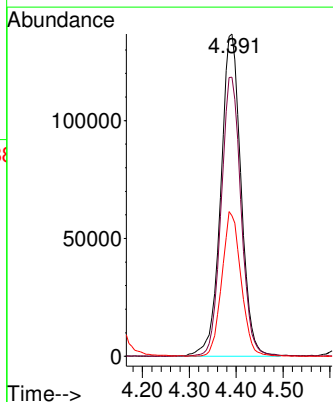
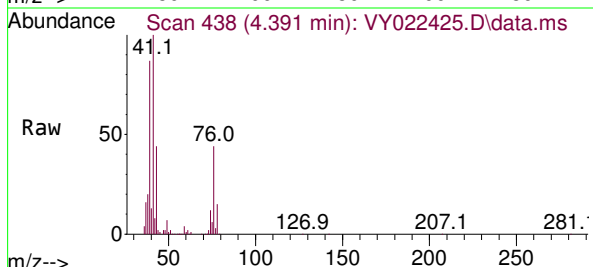
Manual Integrations
APPROVED

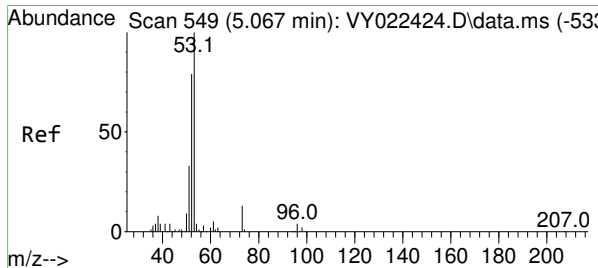
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#14
Allyl chloride
Concen: 101.625 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 41 Resp: 407614
Ion Ratio Lower Upper
41 100
39 85.1 66.6 100.0
76 42.4 33.7 50.5





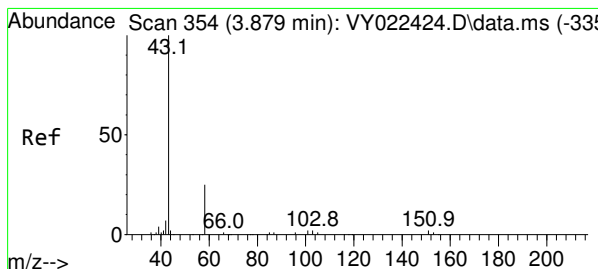
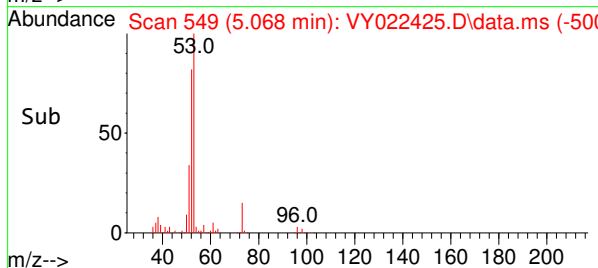
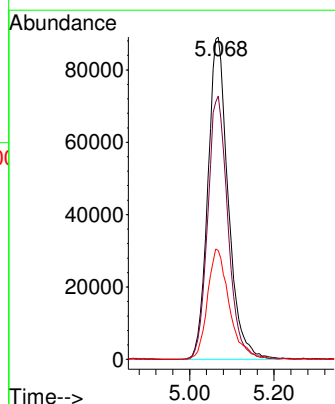
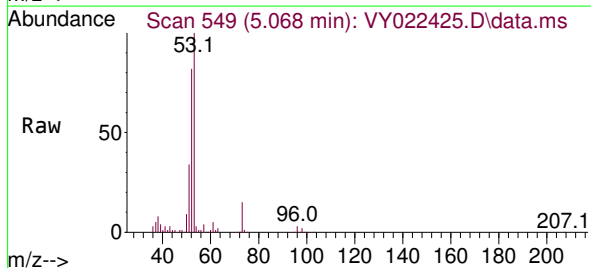
#15
Acrylonitrile
Concen: 526.172 ug/l
RT: 5.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 29936
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 36.9 30.0 45.6

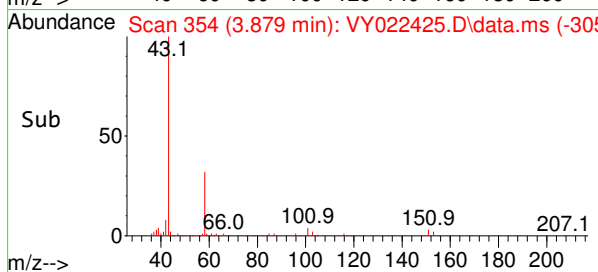
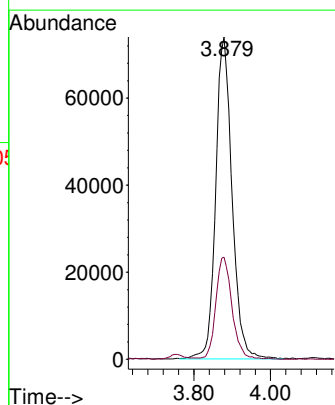
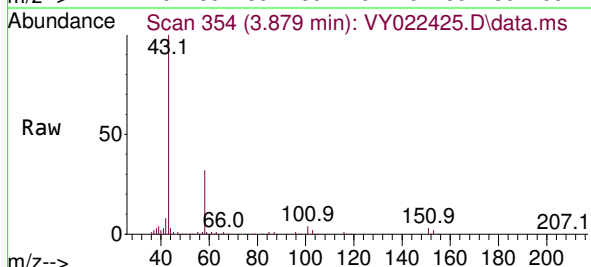
Manual Integrations
APPROVED

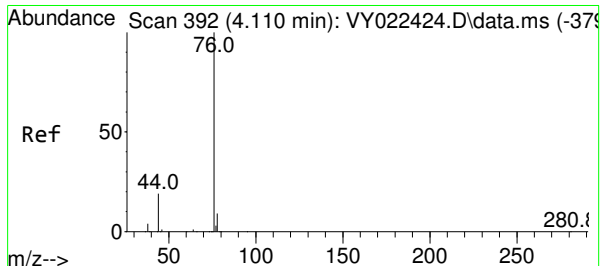
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#16
Acetone
Concen: 497.574 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 43 Resp: 219178
Ion Ratio Lower Upper
43 100
58 31.7 20.6 30.8#





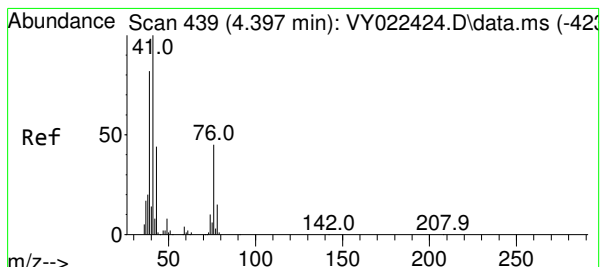
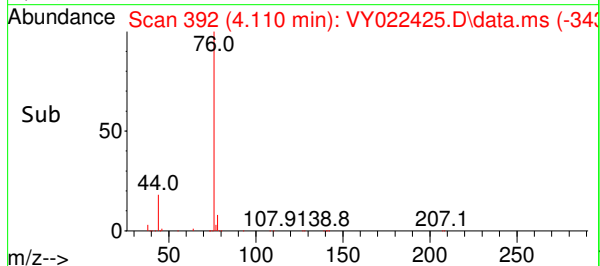
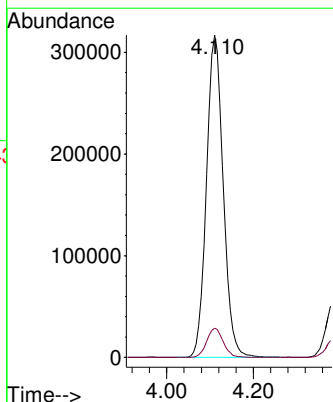
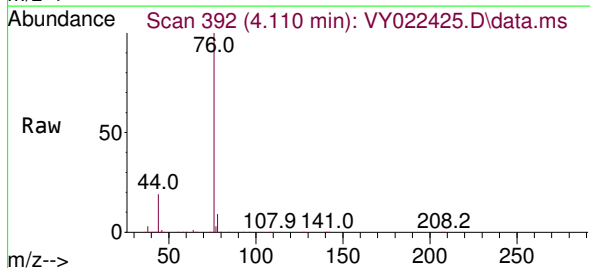
#17
Carbon Disulfide
Concen: 100.043 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 85127
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

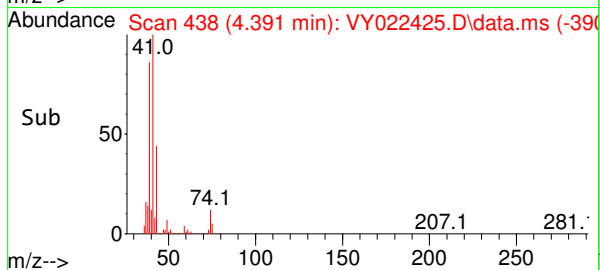
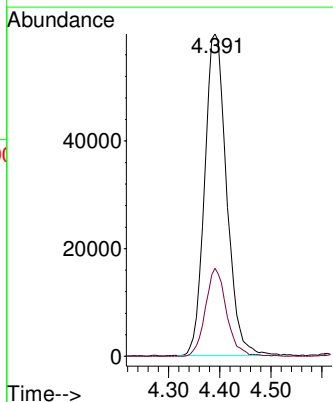
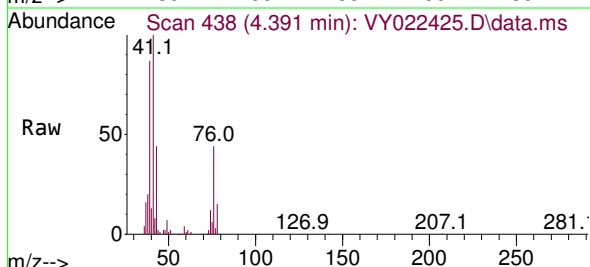
Manual Integrations
APPROVED

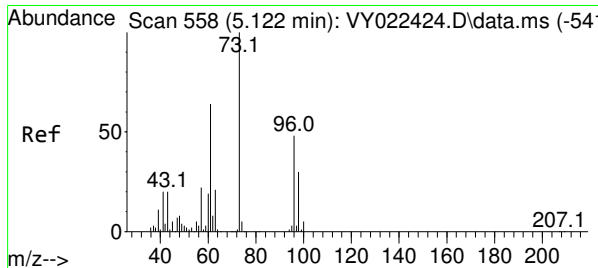
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#18
Methyl Acetate
Concen: 108.317 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 43 Resp: 178729
Ion Ratio Lower Upper
43 100
74 26.3 21.2 31.8





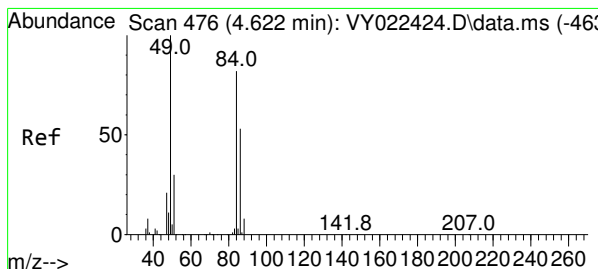
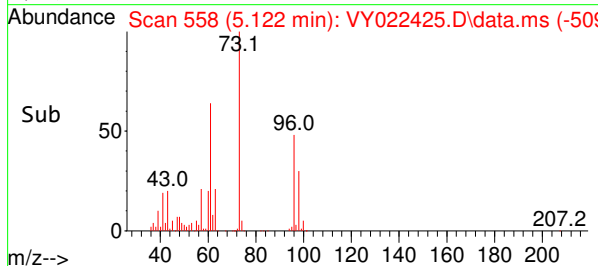
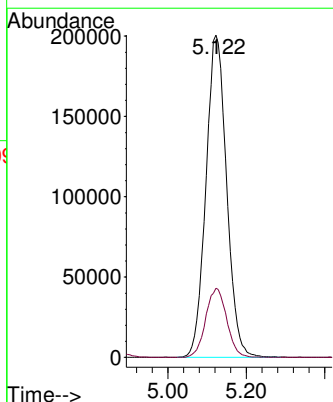
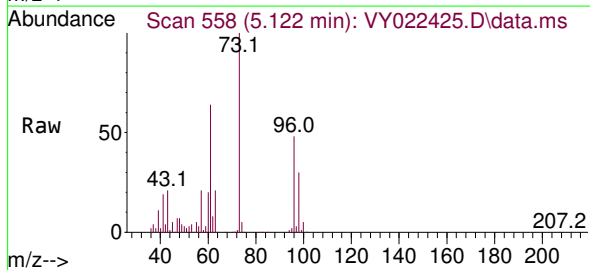
#19
Methyl tert-butyl Ether
Concen: 103.886 ug/l
RT: 5.122 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 73541
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

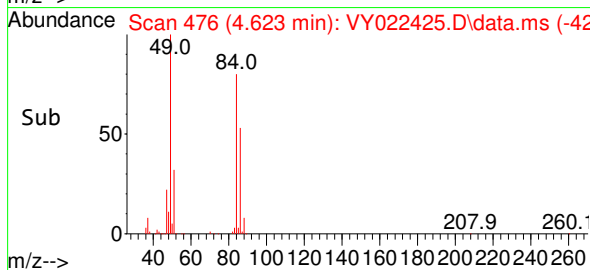
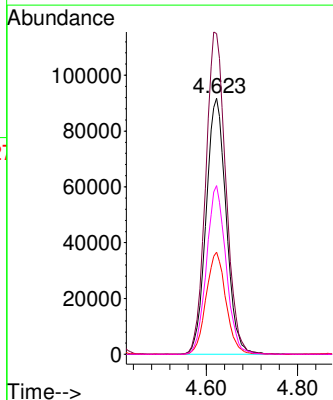
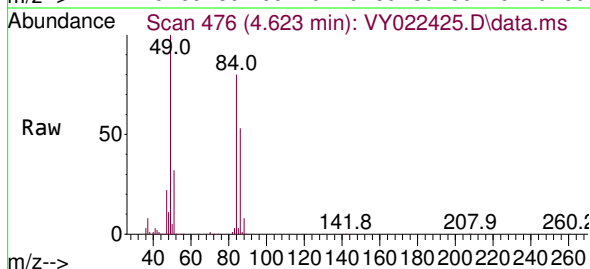
Manual Integrations
APPROVED

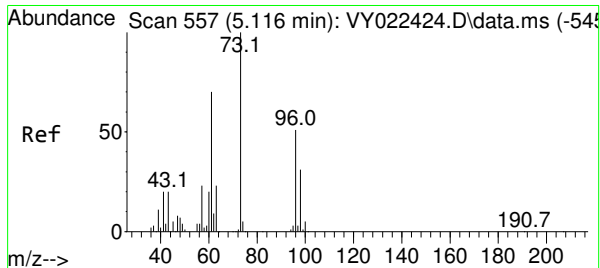
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#20
Methylene Chloride
Concen: 89.995 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 84 Resp: 279934
Ion Ratio Lower Upper
84 100
49 125.3 97.8 146.8
51 39.9 29.5 44.3
86 65.9 51.8 77.6





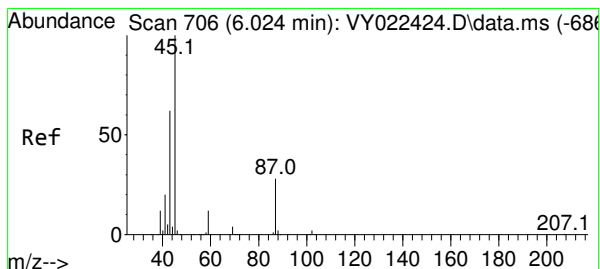
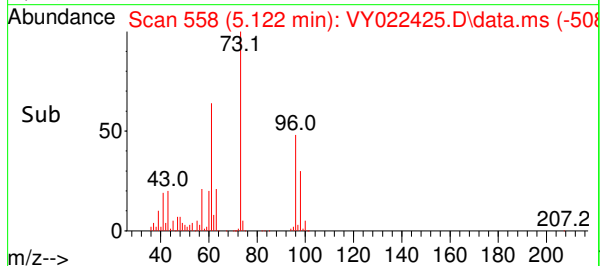
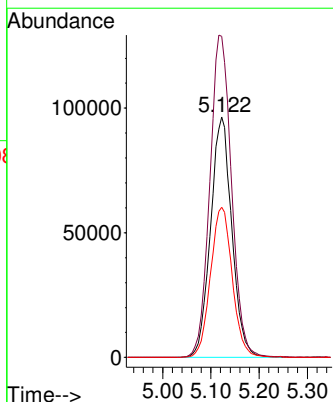
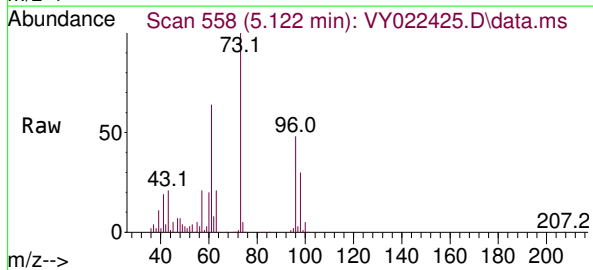
#21
trans-1,2-Dichloroethene
Concen: 101.801 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 29633
Ion Ratio Lower Upper
96 100
61 133.6 110.4 165.6
98 62.4 48.6 73.0

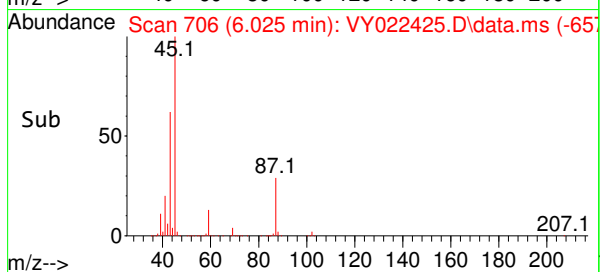
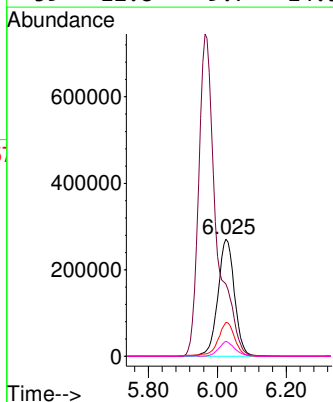
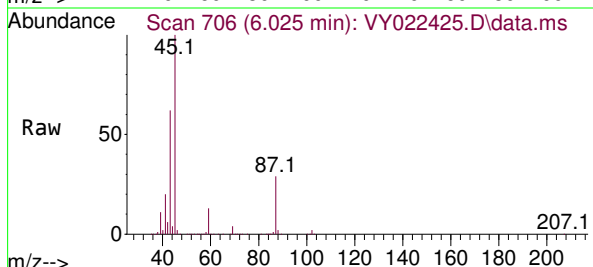
Manual Integrations
APPROVED

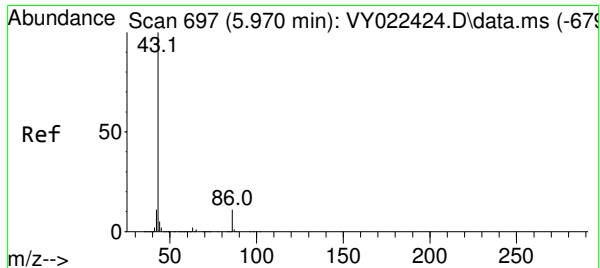
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#22
Diisopropyl ether
Concen: 102.415 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 45 Resp: 906611
Ion Ratio Lower Upper
45 100
43 61.7 49.8 74.8
87 29.2 23.0 34.6
59 12.8 9.7 14.5





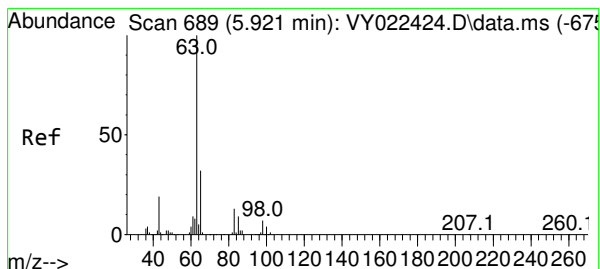
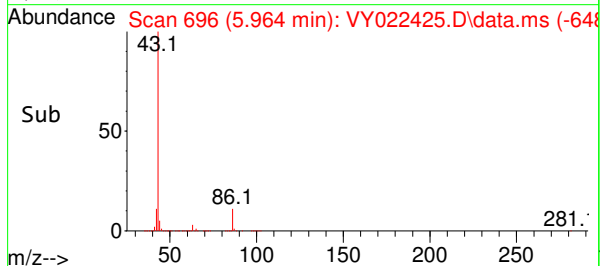
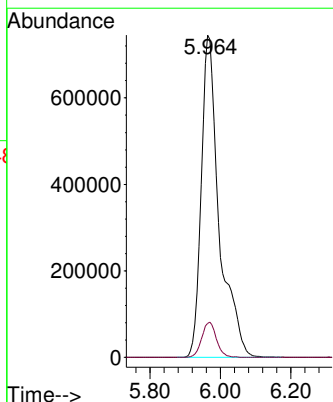
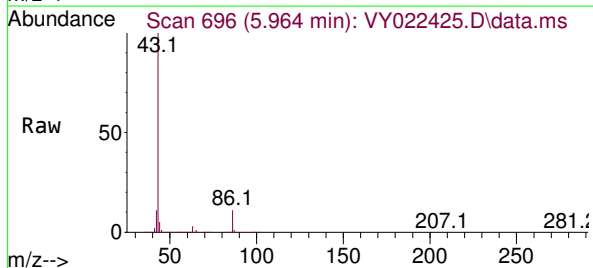
#23
 Vinyl Acetate
 Concen: 518.224 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022425.D
 Acq: 27 May 2025 10:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 263405
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

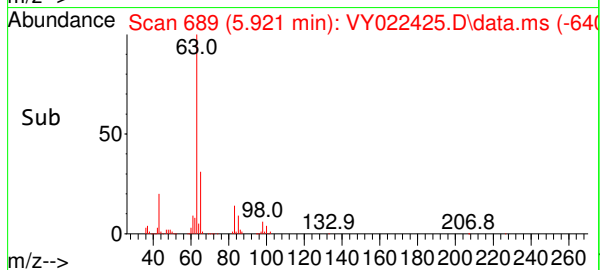
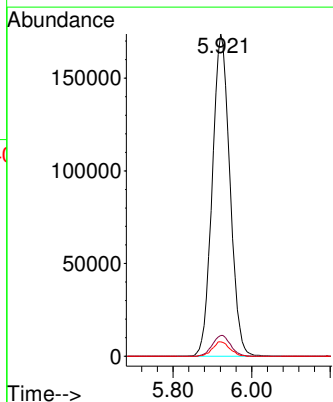
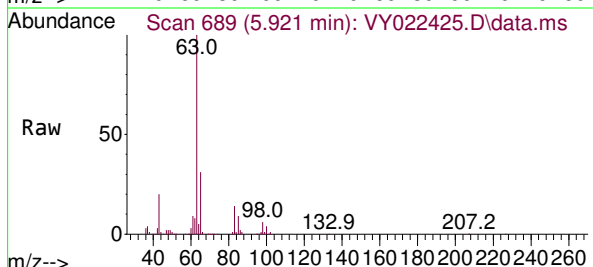
Manual Integrations
 APPROVED

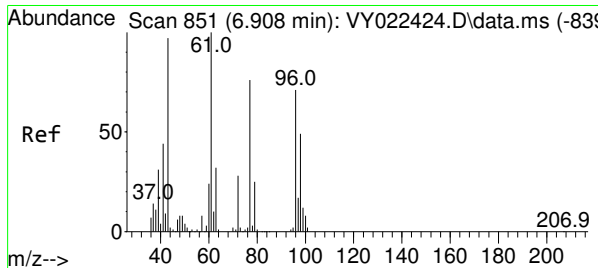
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#24
 1,1-Dichloroethane
 Concen: 103.372 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022425.D
 Acq: 27 May 2025 10:22

Tgt Ion: 63 Resp: 540724
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.5 2.1 6.5





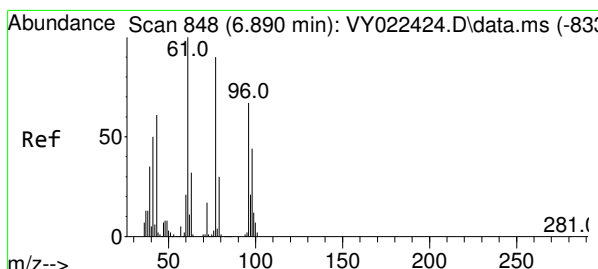
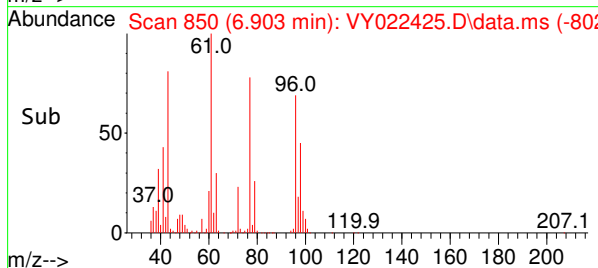
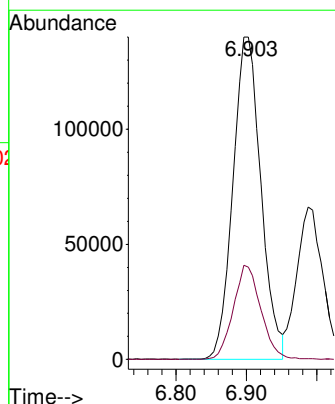
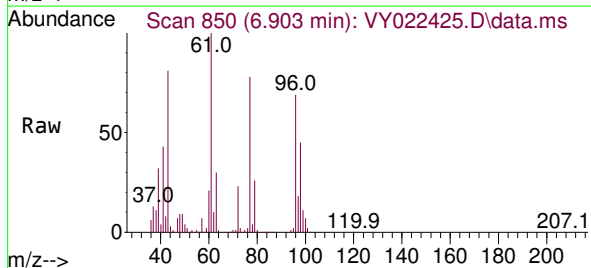
#25
2-Butanone
Concen: 527.215 ug/l
RT: 6.903 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 38676
Ion Ratio Lower Upper
43 100
72 28.6 22.8 34.2

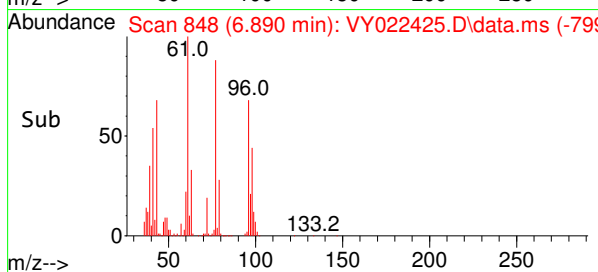
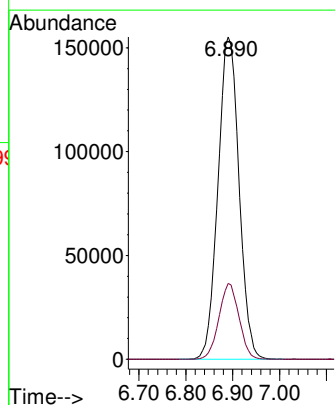
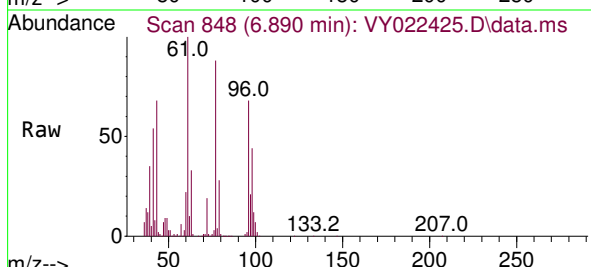
Manual Integrations
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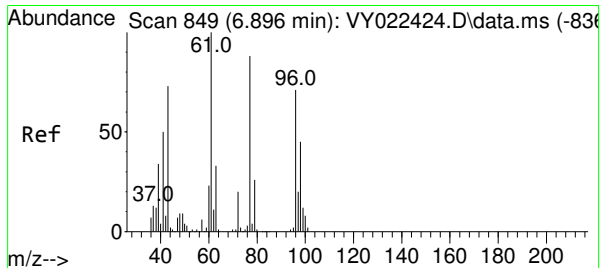
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#26
2,2-Dichloropropane
Concen: 101.829 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 77 Resp: 482308
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.7





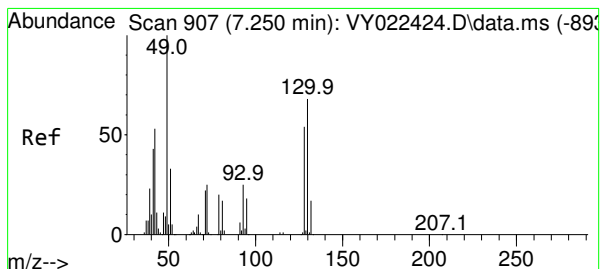
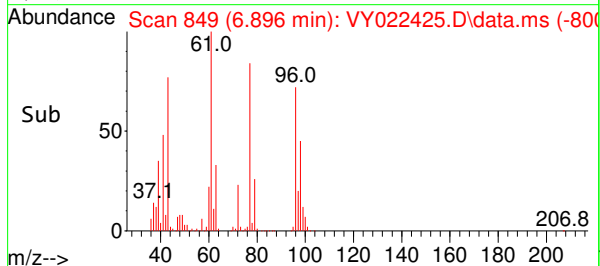
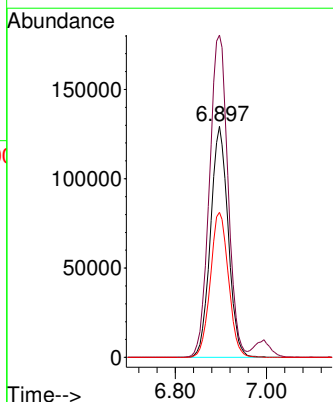
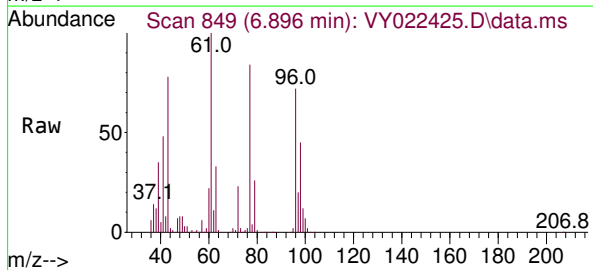
#27
cis-1,2-Dichloroethene
Concen: 103.273 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 34802
Ion Ratio Lower Upper
96 100
61 146.3 0.0 292.0
98 64.4 0.0 131.0

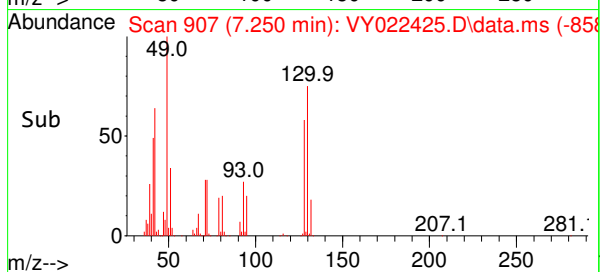
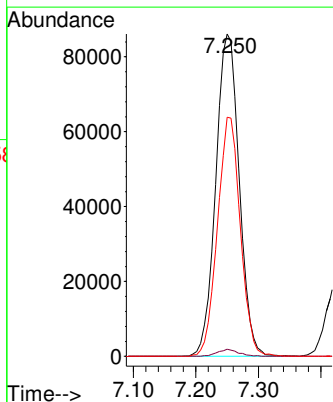
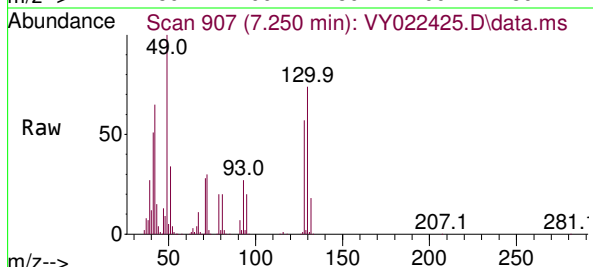
Manual Integrations
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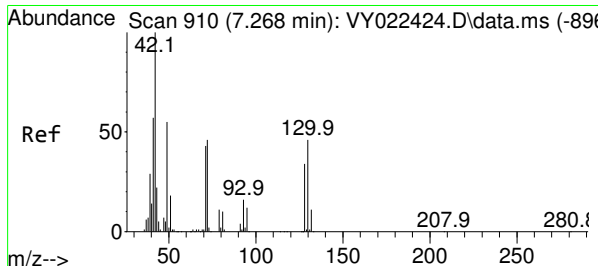
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#28
Bromochloromethane
Concen: 102.322 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 49 Resp: 223498
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 72.3 56.9 85.3





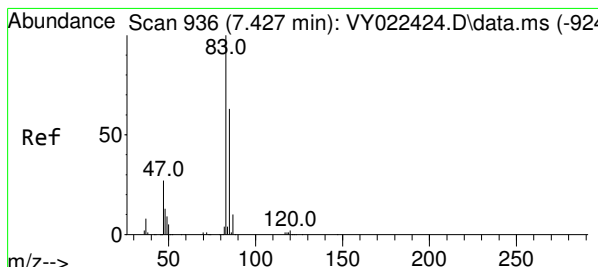
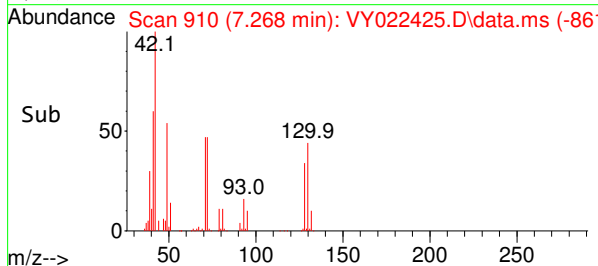
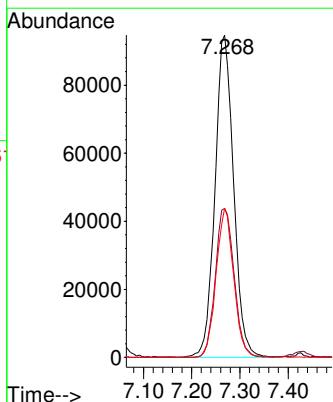
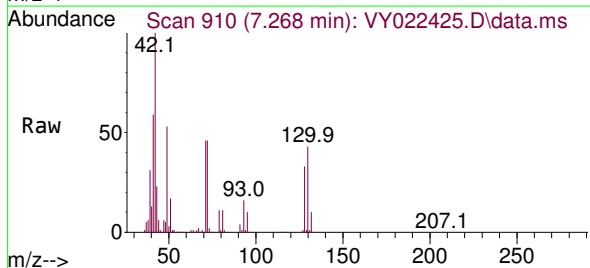
#29
Tetrahydrofuran
Concen: 519.309 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 25407
Ion Ratio Lower Upper
42 100
72 46.9 37.7 56.5
71 43.9 34.7 52.1

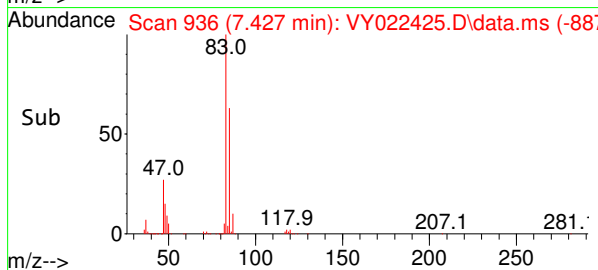
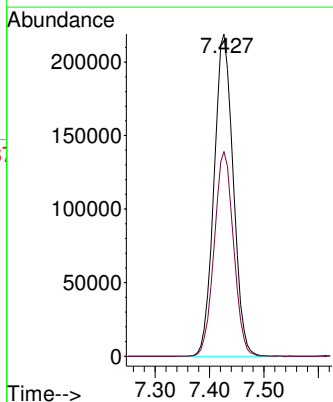
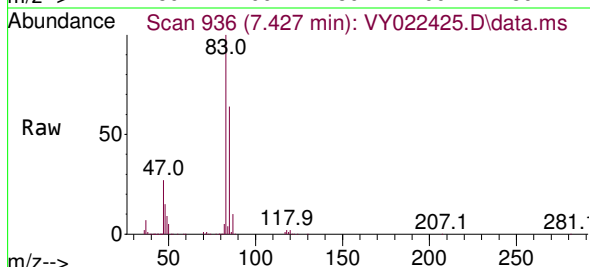
Manual Integrations
APPROVED

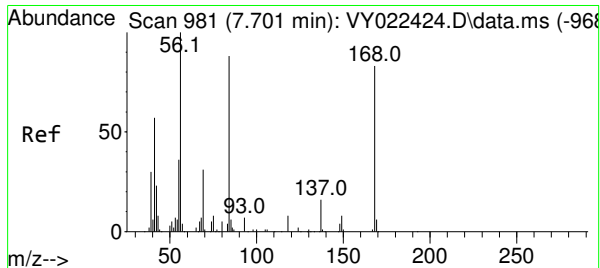
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#30
Chloroform
Concen: 103.866 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 83 Resp: 535360
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1





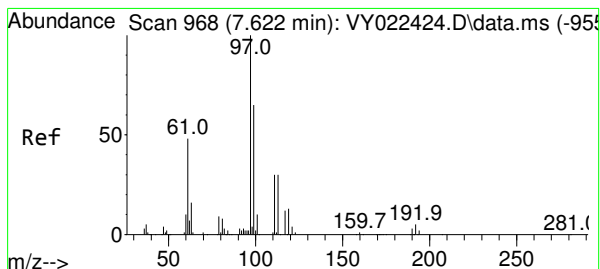
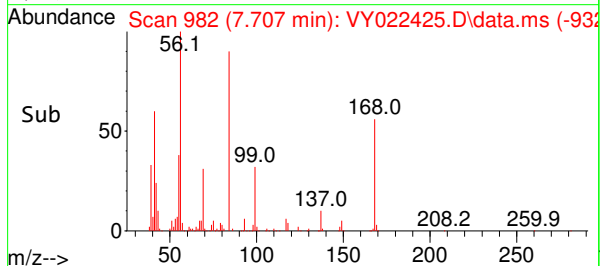
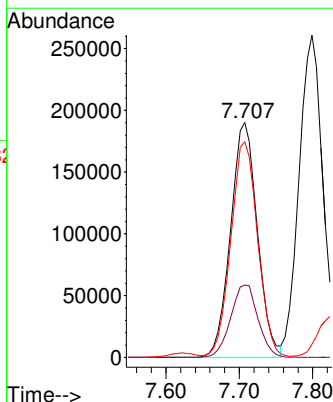
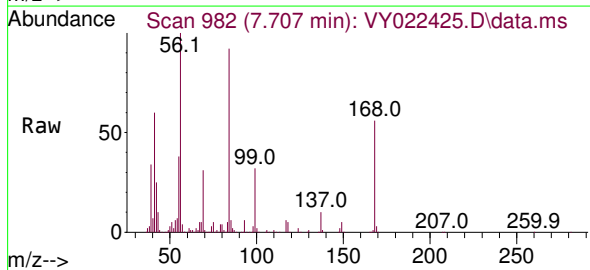
#31
Cyclohexane
Concen: 93.445 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDIC100

Tgt Ion: 56 Resp: 48182
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 90.3 70.4 105.6

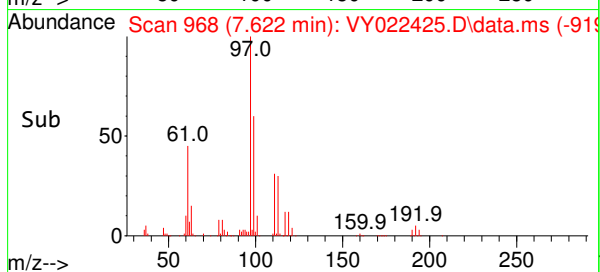
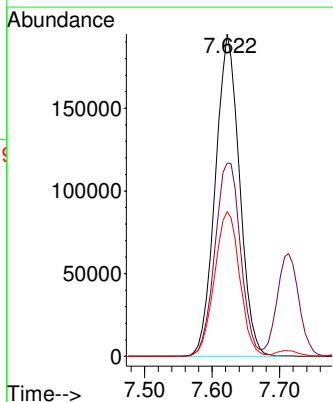
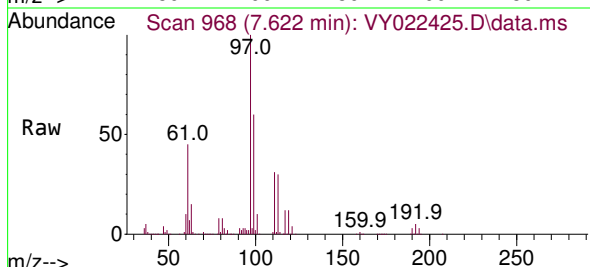
Manual Integrations
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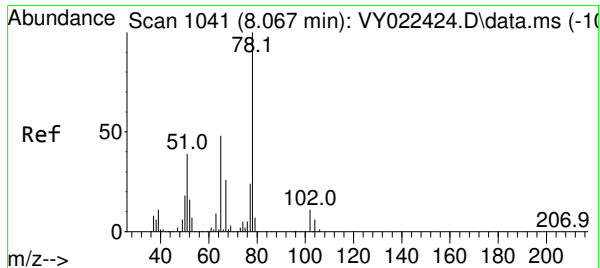
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#32
1,1,1-Trichloroethane
Concen: 103.605 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 97 Resp: 484647
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 47.0 37.3 55.9





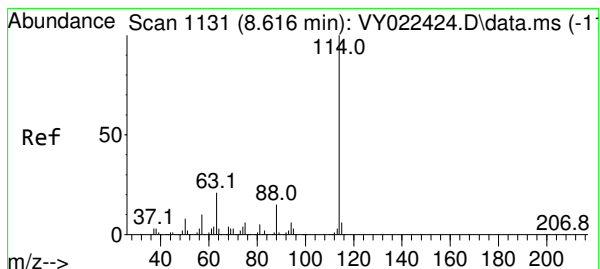
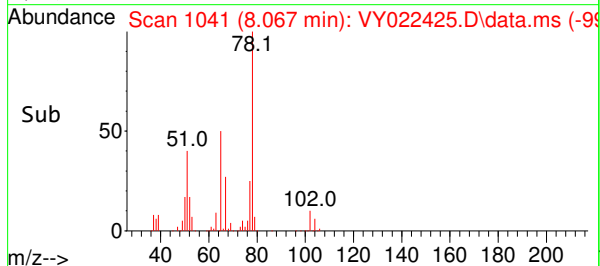
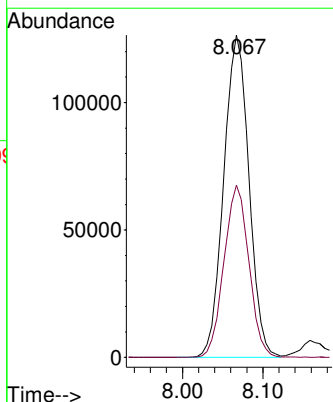
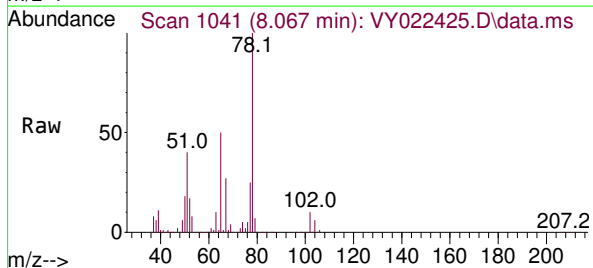
#33
1,2-Dichloroethane-d4
Concen: 102.746 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 27542
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.4

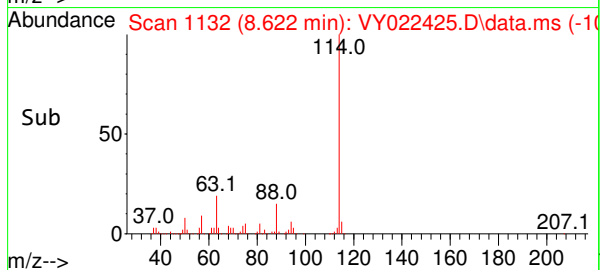
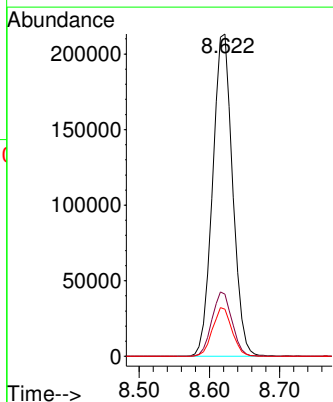
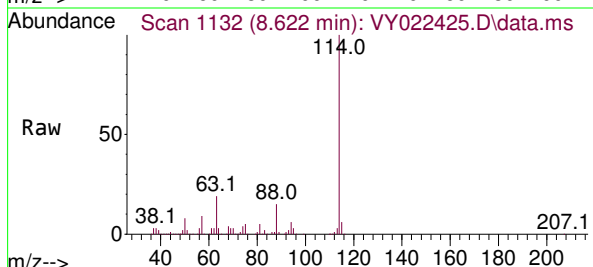
Manual Integrations
APPROVED

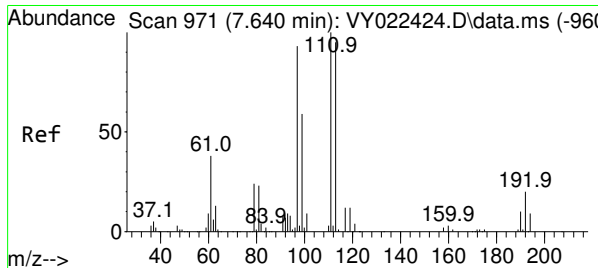
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:114 Resp: 420045
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.6
88 14.6 0.0 29.4





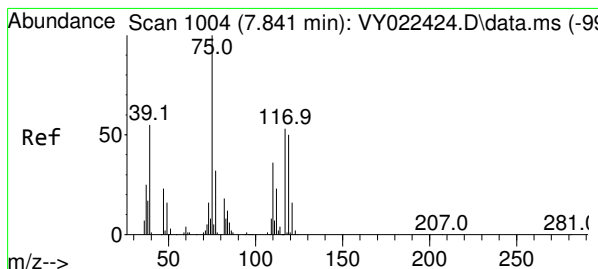
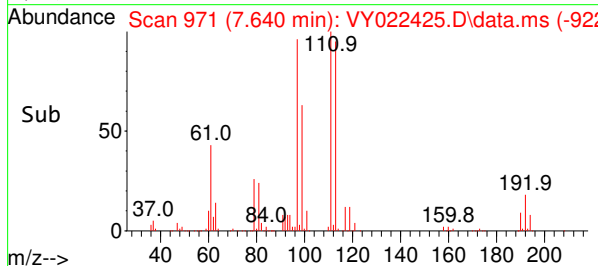
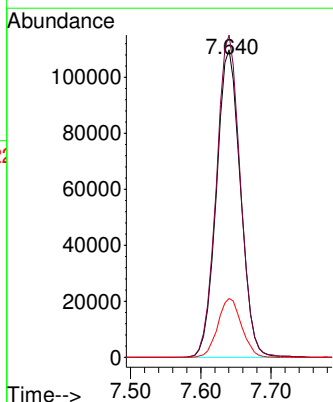
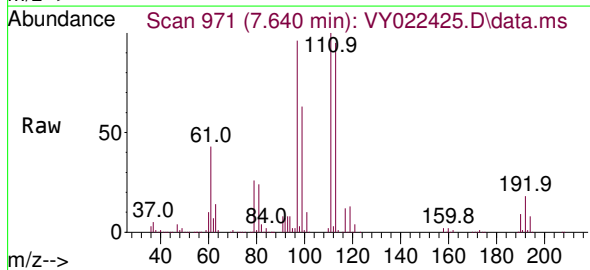
#35
Dibromofluoromethane
Concen: 105.646 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:113 Resp: 25988
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 19.0 15.2 22.8

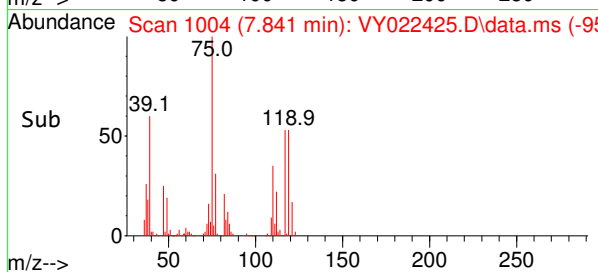
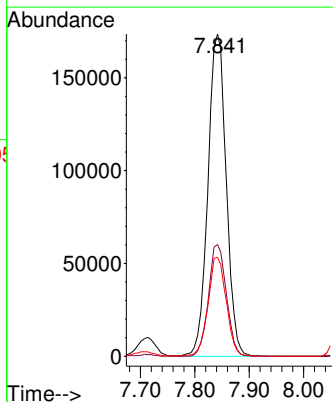
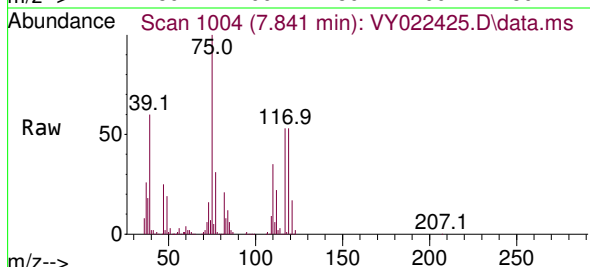
Manual Integrations
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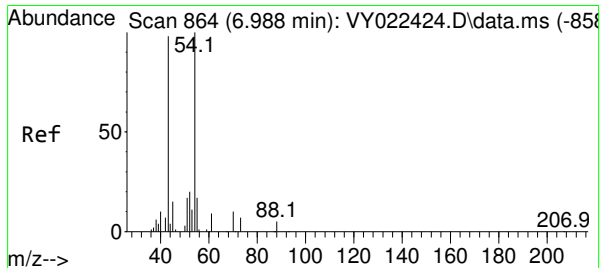
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#36
1,1-Dichloropropene
Concen: 103.896 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

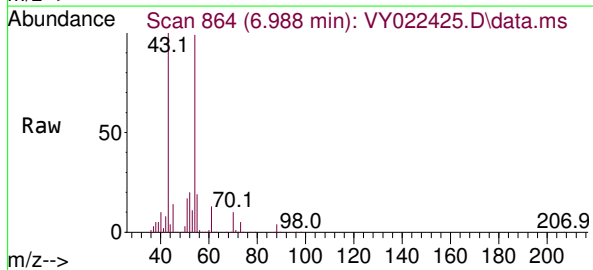
Tgt Ion: 75 Resp: 405555
Ion Ratio Lower Upper
75 100
110 34.1 17.1 51.2
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 105.171 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

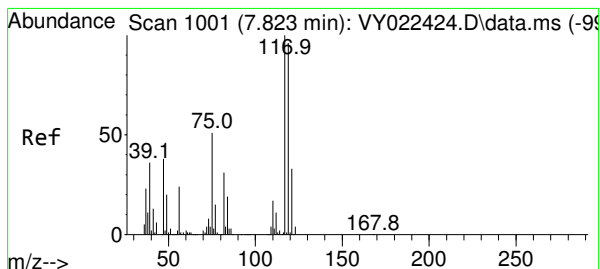
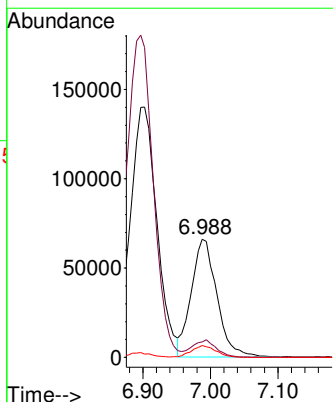
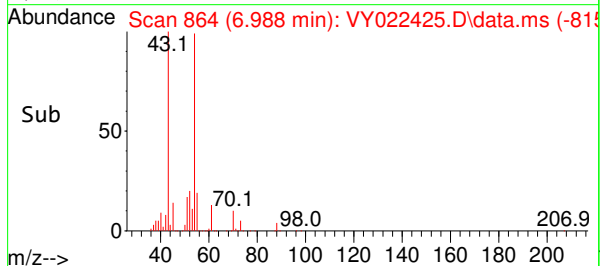
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 17447
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 9.8 7.8 11.6

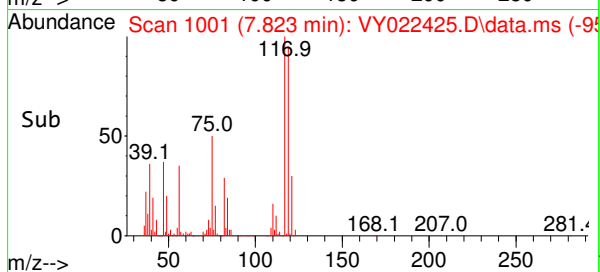
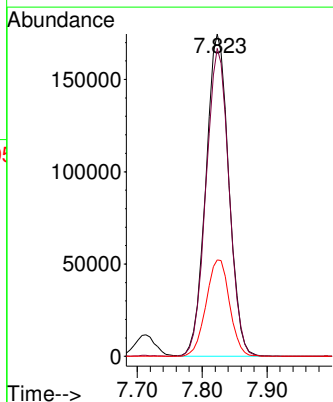
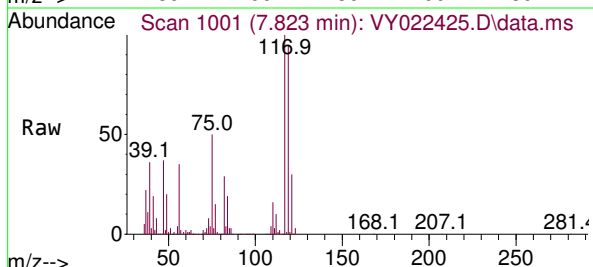
Manual Integrations
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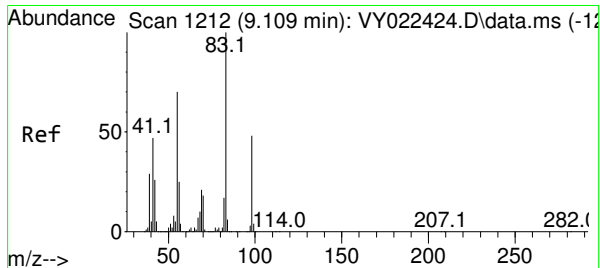
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#38
Carbon Tetrachloride
Concen: 105.456 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:117 Resp: 428817
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 29.9 26.1 39.1





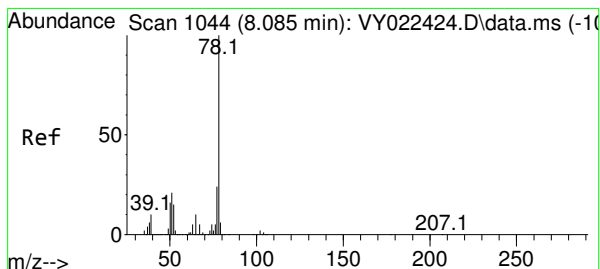
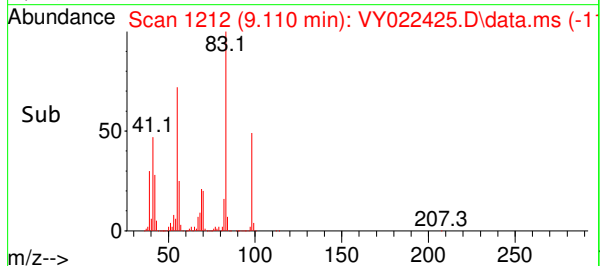
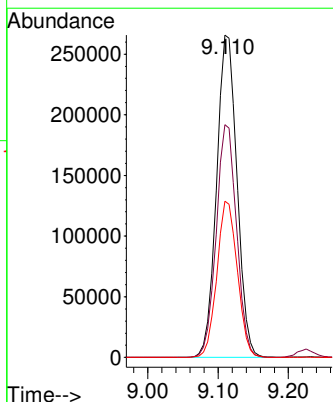
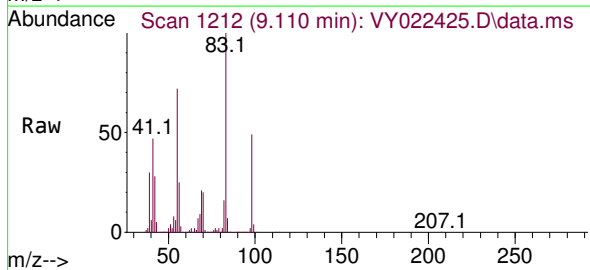
#39
Methylcyclohexane
Concen: 103.329 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.2	56.2	84.2
98	48.5	38.4	57.6

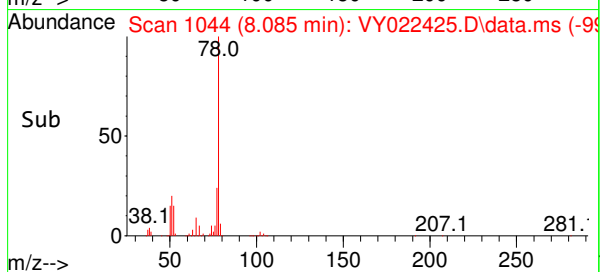
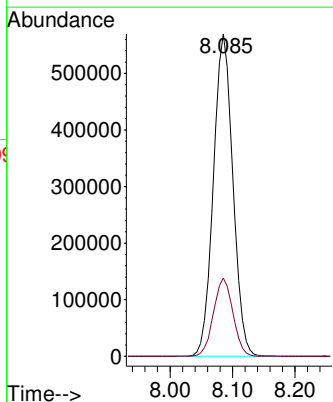
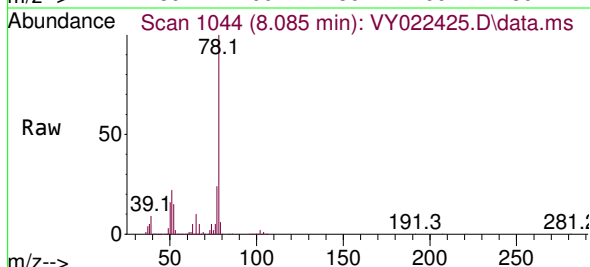
Manual Integrations
APPROVED

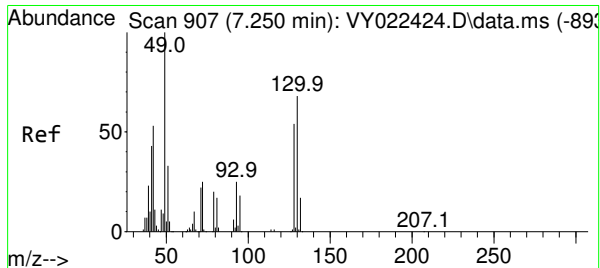
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#40
Benzene
Concen: 105.848 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.2





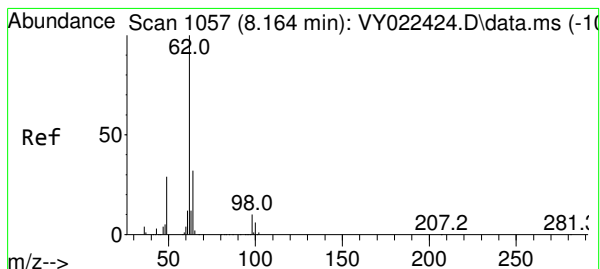
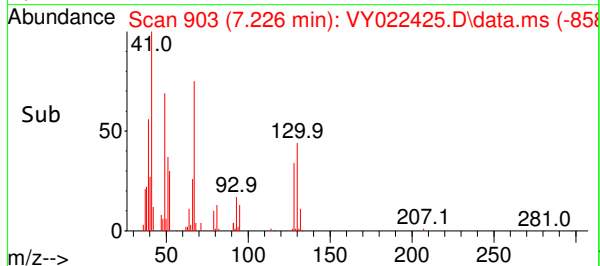
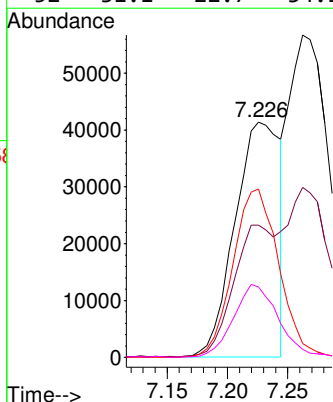
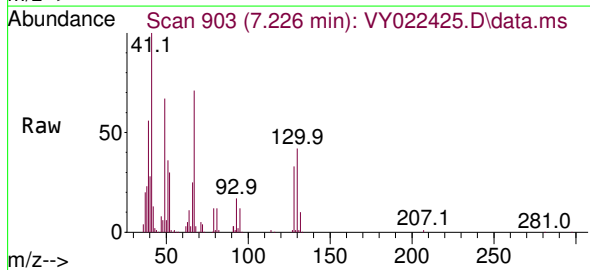
#41
Methacrylonitrile
Concen: 49.194 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.024 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 10746
Ion Ratio Lower Upper
41 100
39 49.4 40.4 60.6
67 73.1 53.0 79.4
52 31.1 22.7 34.1

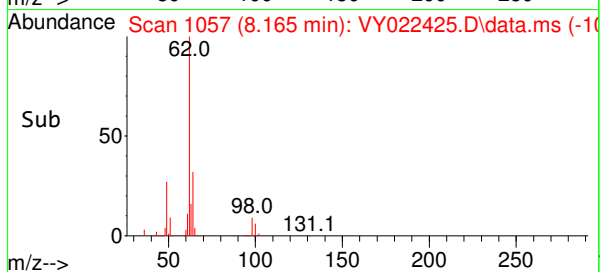
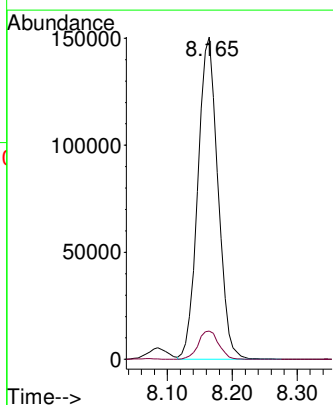
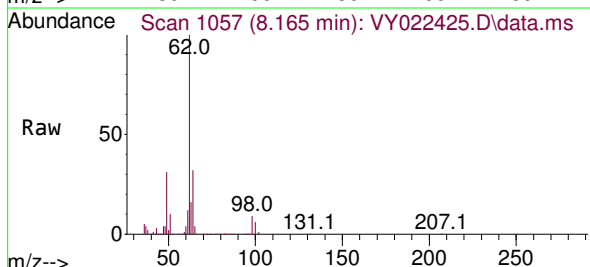
Manual Integrations
APPROVED

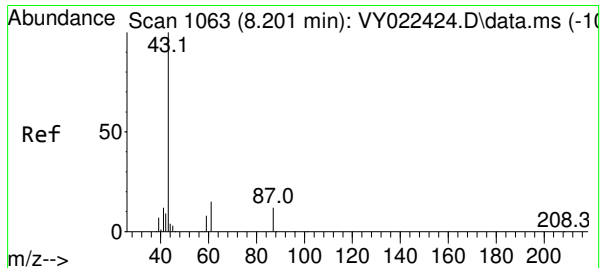
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#42
1,2-Dichloroethane
Concen: 104.887 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 62 Resp: 321758
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





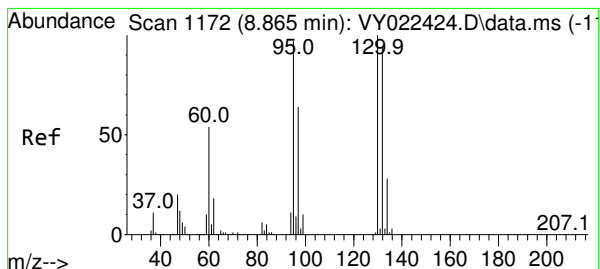
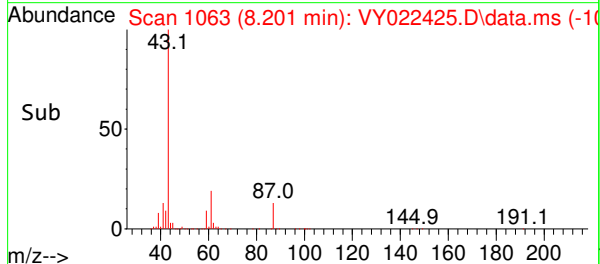
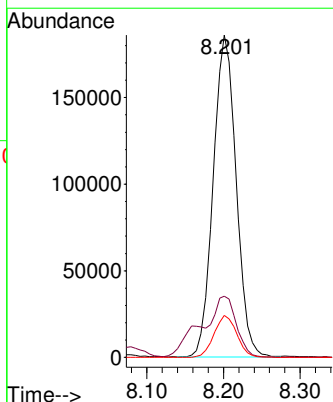
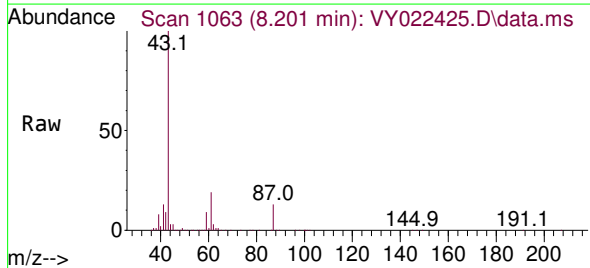
#43
Isopropyl Acetate
Concen: 106.287 ug/l
RT: 8.201 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 38529
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.6
87 13.0 10.6 15.8

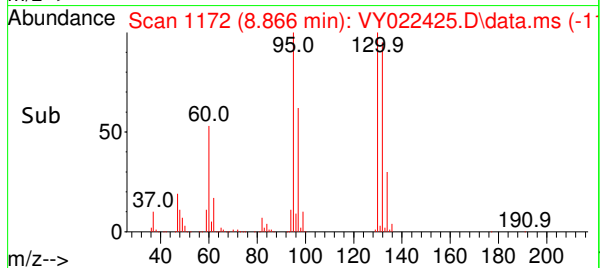
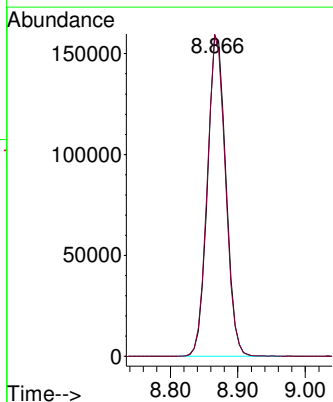
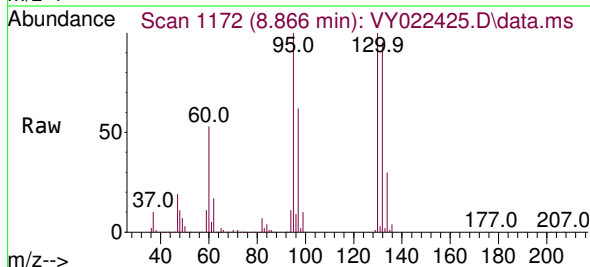
Manual Integrations
APPROVED

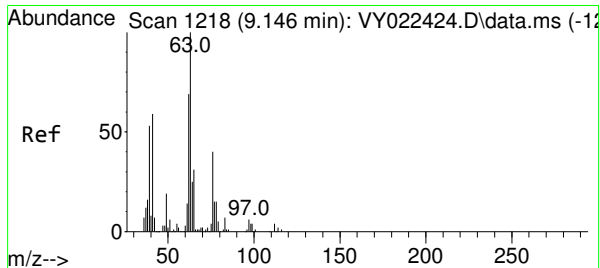
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#44
Trichloroethene
Concen: 104.583 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:130 Resp: 300293
Ion Ratio Lower Upper
130 100
95 100.4 0.0 194.8





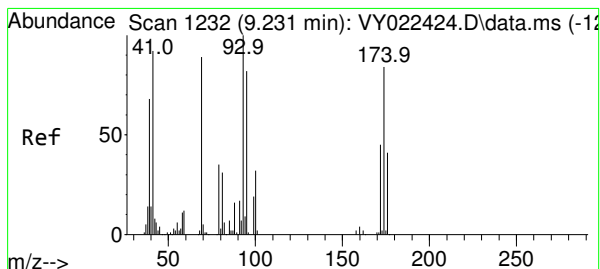
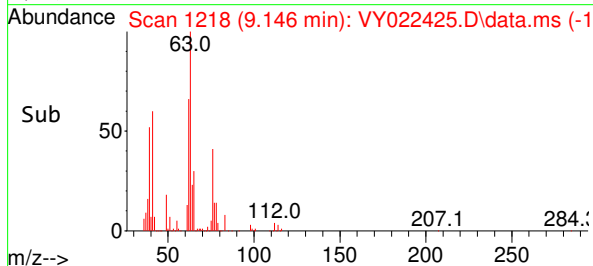
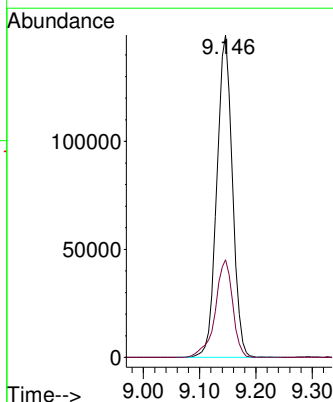
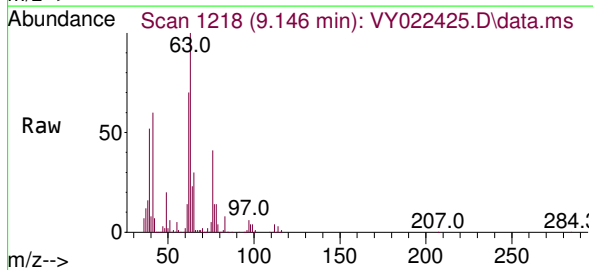
#45
1,2-Dichloropropane
Concen: 105.160 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 28698
Ion Ratio Lower Upper
63 100
65 30.3 25.1 37.7

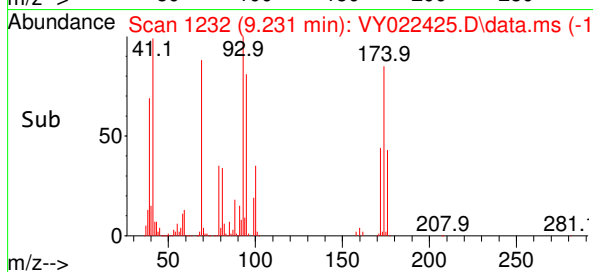
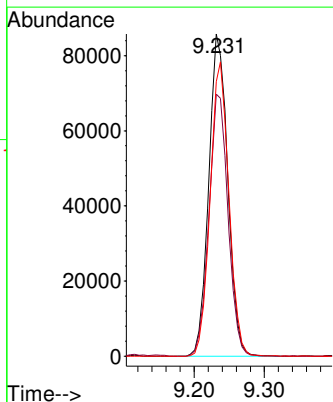
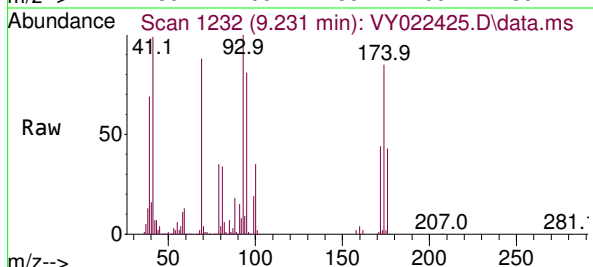
Manual Integrations
APPROVED

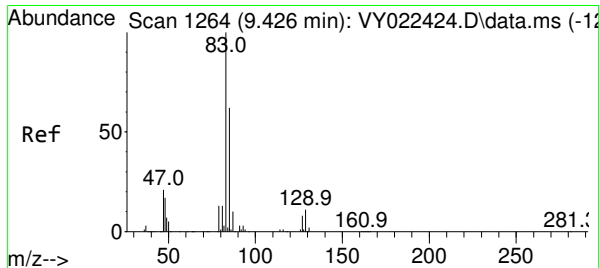
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#46
Dibromomethane
Concen: 105.464 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 93 Resp: 160779
Ion Ratio Lower Upper
93 100
95 81.8 66.2 99.2
174 89.9 71.1 106.7





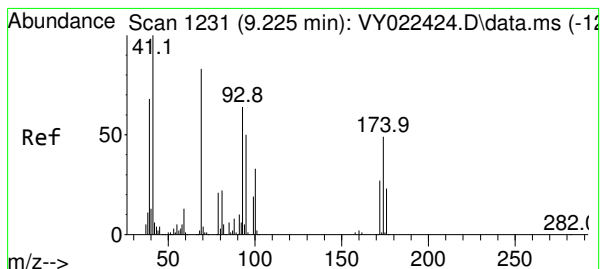
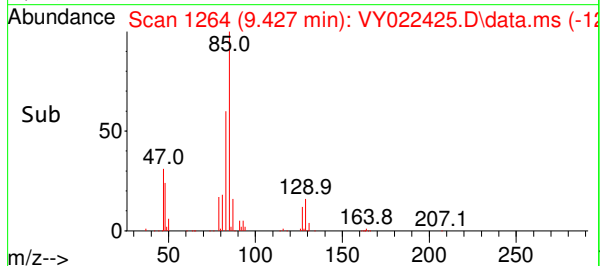
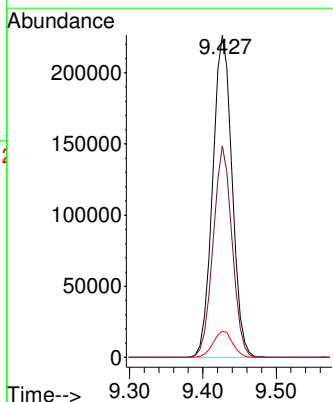
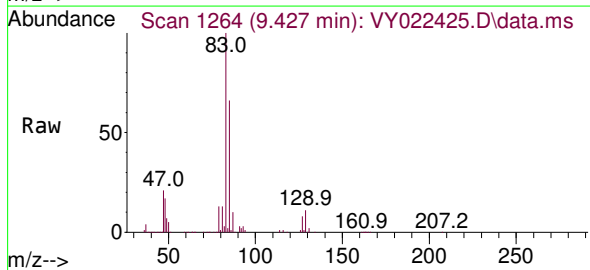
#47
Bromodichloromethane
Concen: 105.558 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 41382
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.0 6.6 9.8

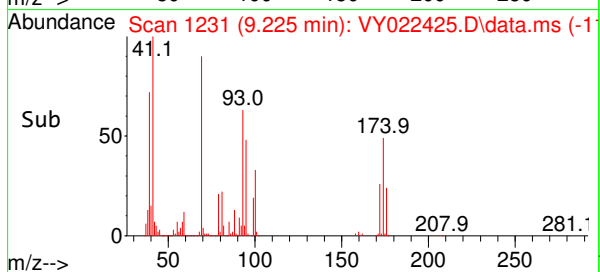
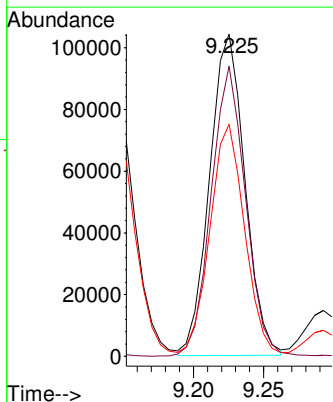
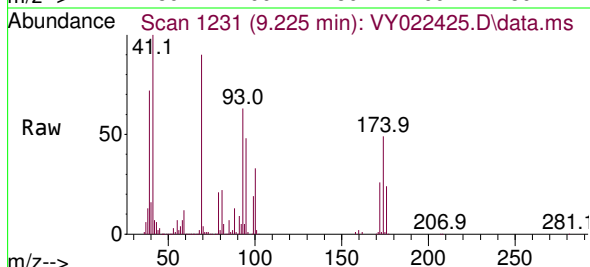
Manual Integrations
APPROVED

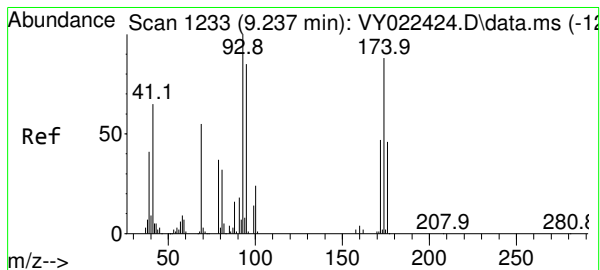
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#48
Methyl methacrylate
Concen: 108.116 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 41 Resp: 181931
Ion Ratio Lower Upper
41 100
69 88.1 70.3 105.5
39 69.0 55.4 83.0





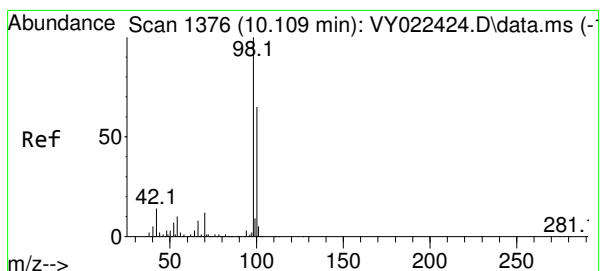
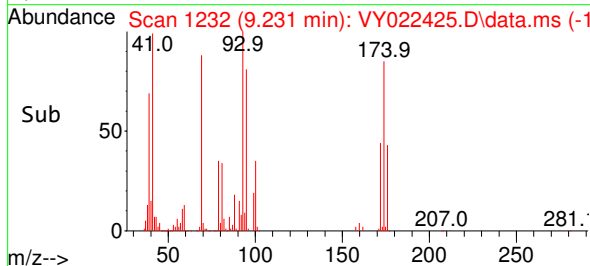
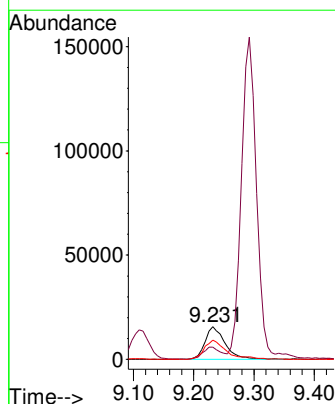
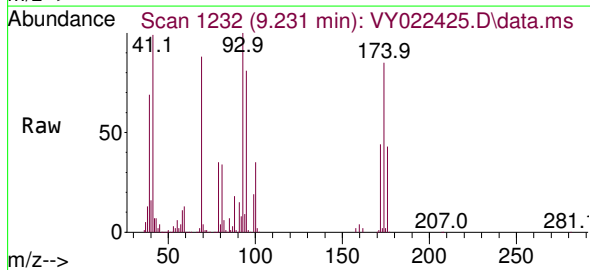
#49
1,4-Dioxane
Concen: 2158.331 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.9	40.3
58	65.5	55.8	83.6

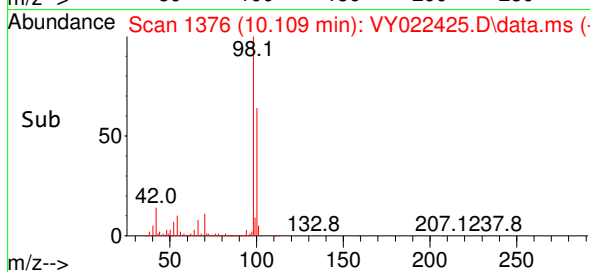
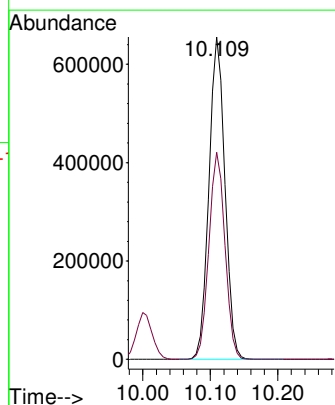
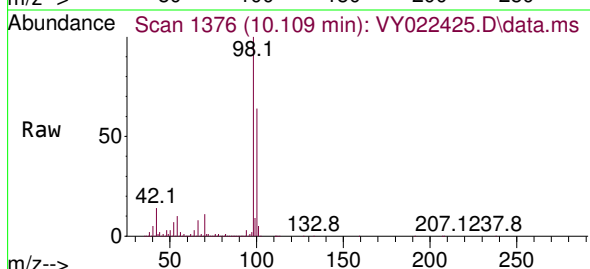
Manual Integrations
APPROVED

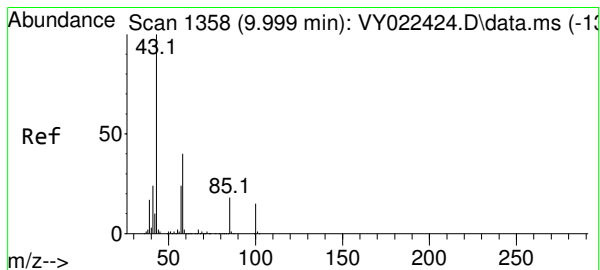
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#50
Toluene-d8
Concen: 106.726 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





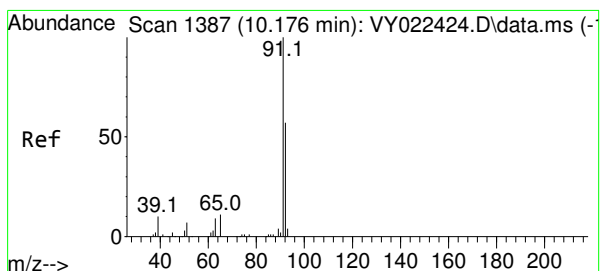
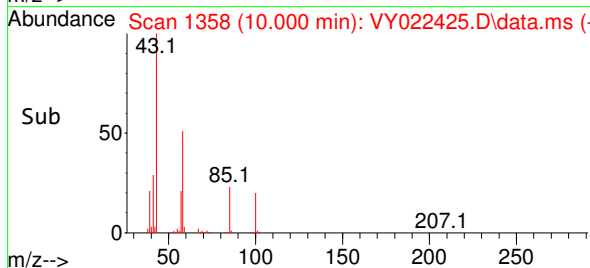
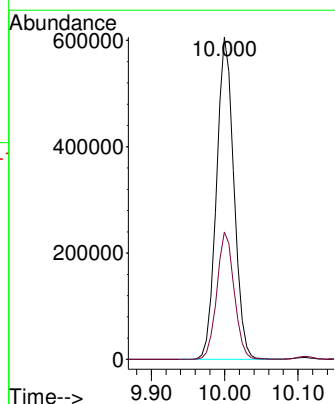
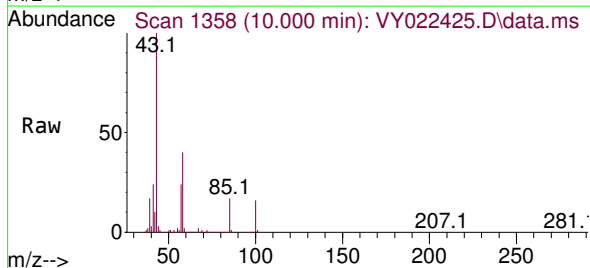
#51
4-Methyl-2-Pentanone
Concen: 556.674 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 99566
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8

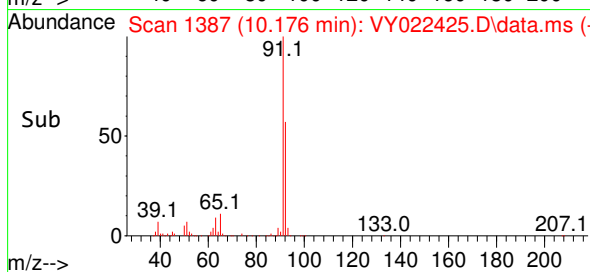
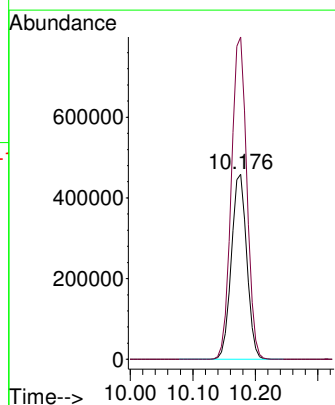
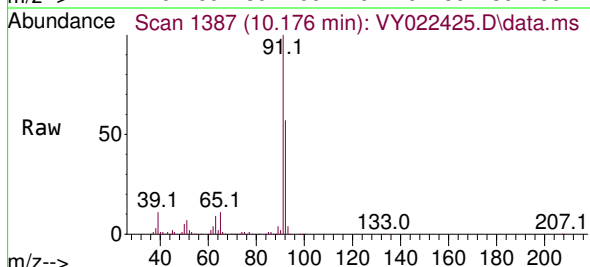
Manual Integrations
APPROVED

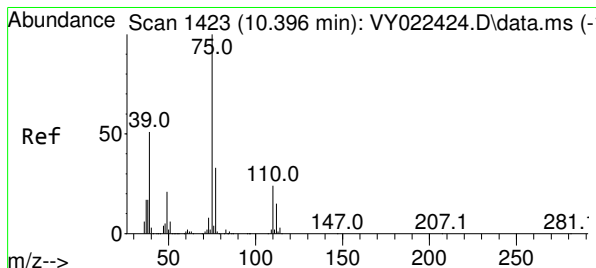
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#52
Toluene
Concen: 107.563 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 92 Resp: 780350
Ion Ratio Lower Upper
92 100
91 175.4 139.8 209.6





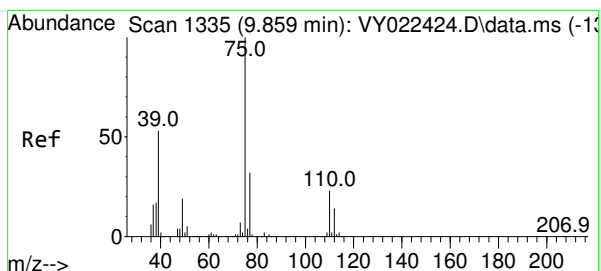
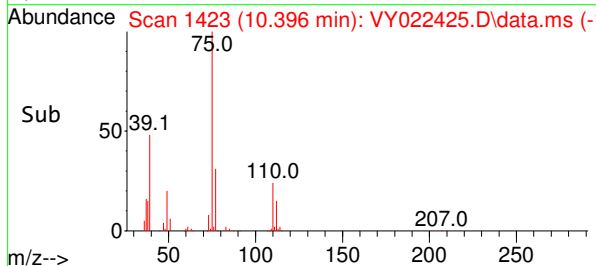
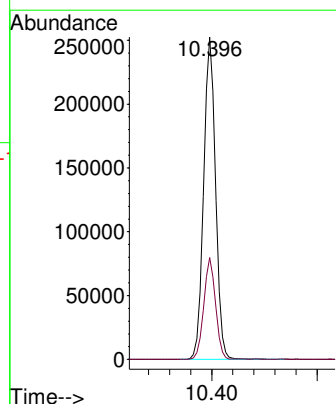
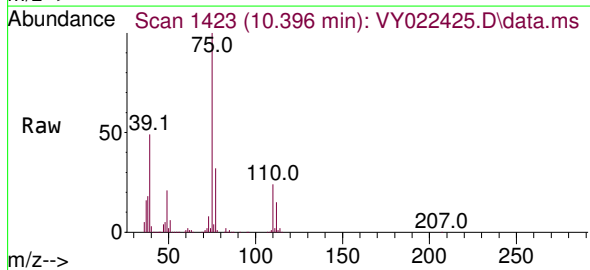
#53
t-1,3-Dichloropropene
Concen: 108.544 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDICC100

Tgt Ion: 75 Resp: 39636
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2

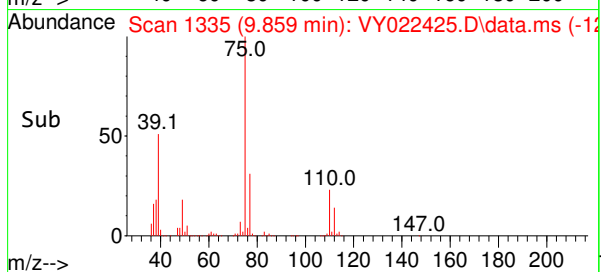
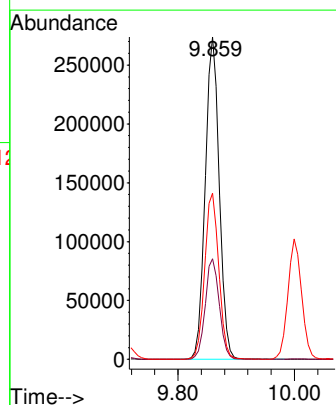
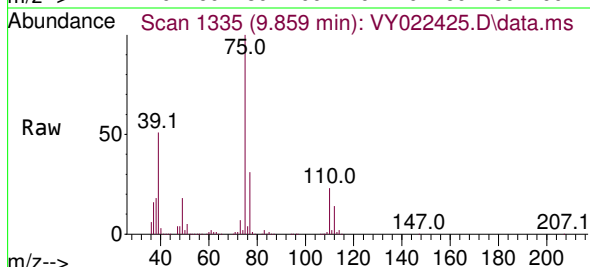
Manual Integrations
APPROVED

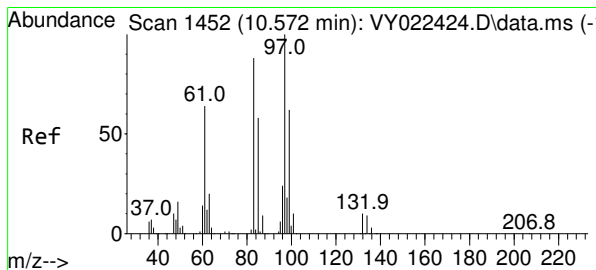
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#54
cis-1,3-Dichloropropene
Concen: 107.411 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 75 Resp: 460876
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 51.4 42.5 63.7





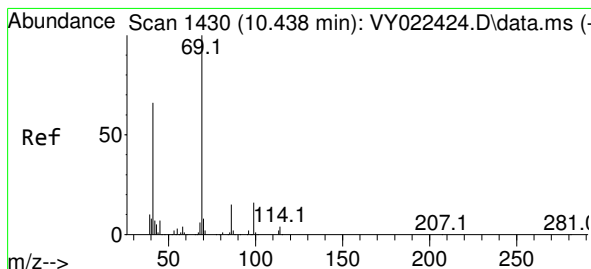
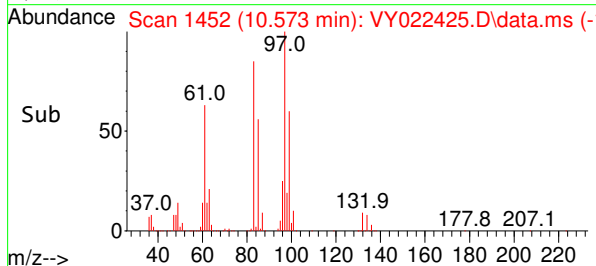
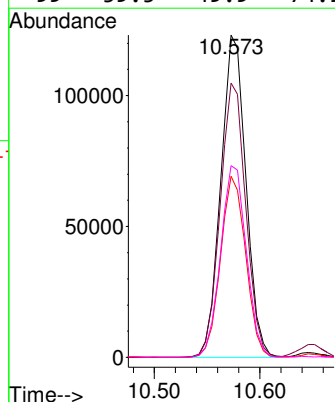
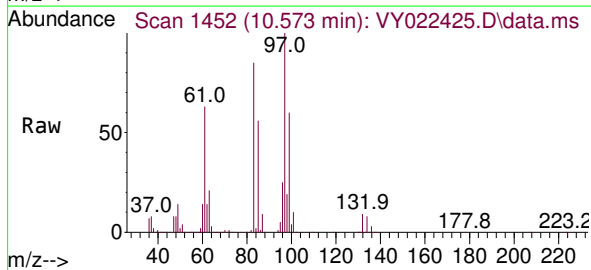
#55
1,1,2-Trichloroethane
Concen: 106.007 ug/l
RT: 10.573 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.2	105.4
85	56.2	46.1	69.1
99	59.5	49.9	74.9

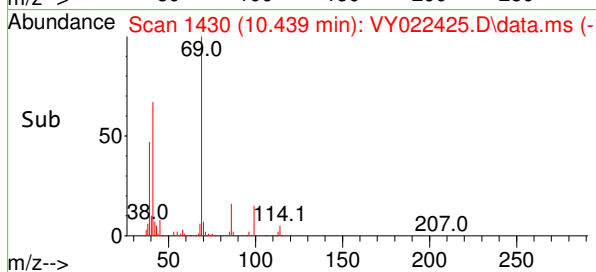
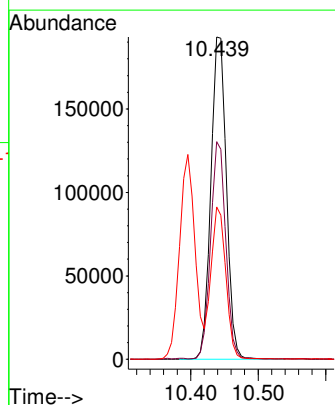
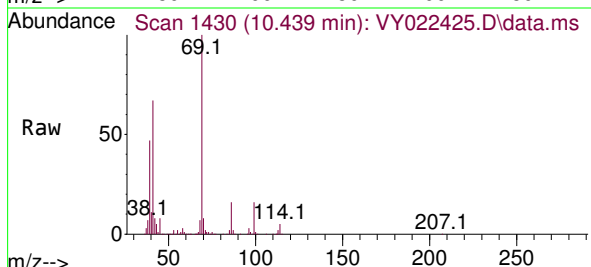
Manual Integrations
APPROVED

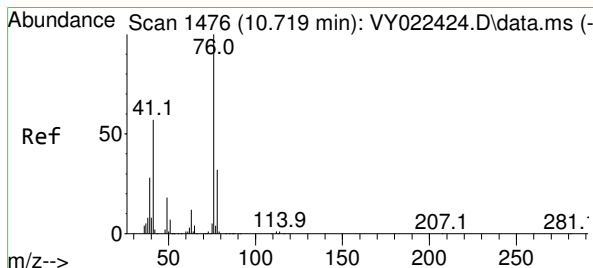
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#56
Ethyl methacrylate
Concen: 110.908 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.2	76.8
39	44.7	35.2	52.8





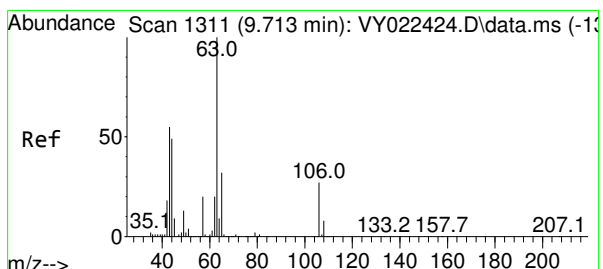
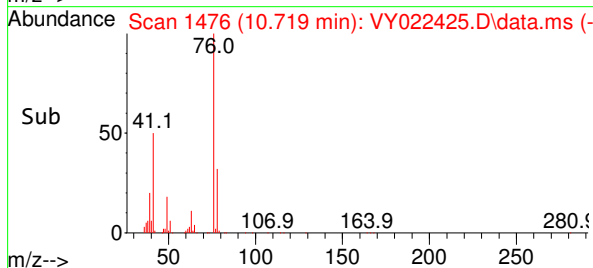
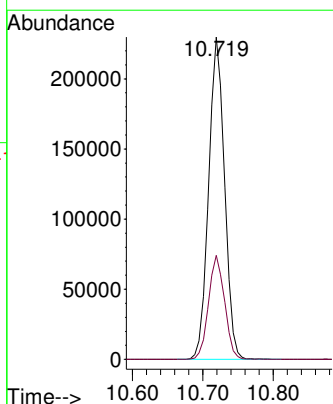
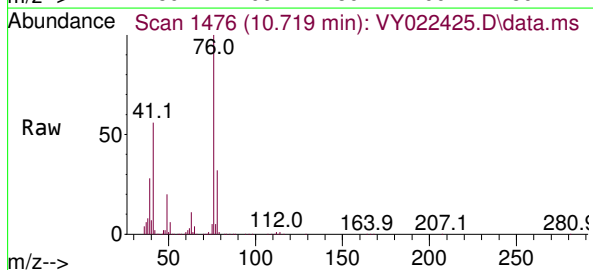
#57
1,3-Dichloropropane
Concen: 105.893 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 35968
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

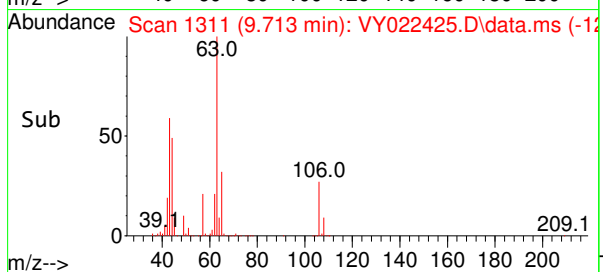
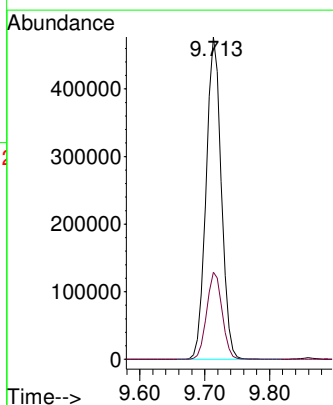
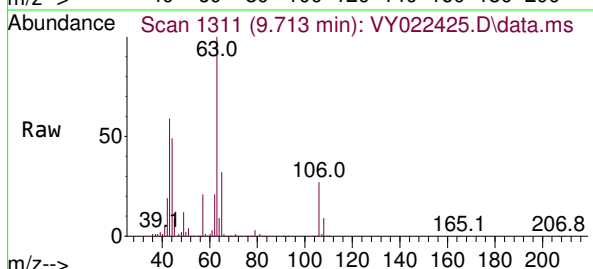
Manual Integrations
APPROVED

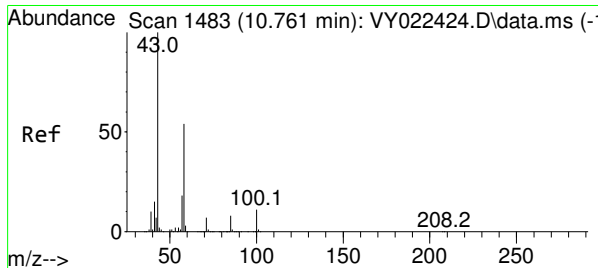
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 559.284 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 63 Resp: 770988
Ion Ratio Lower Upper
63 100
106 27.5 22.2 33.2





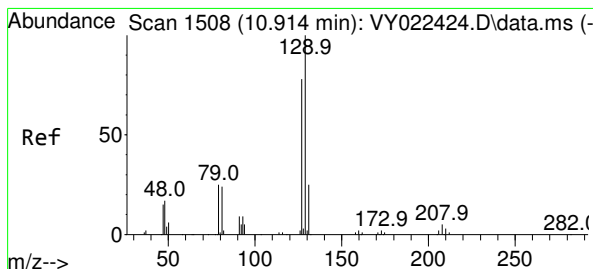
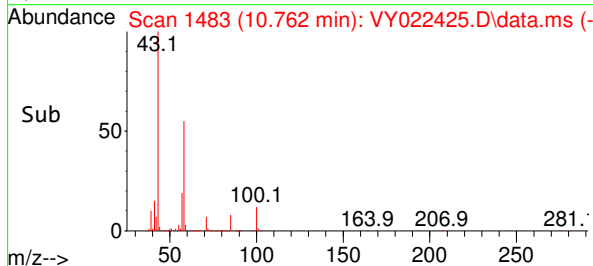
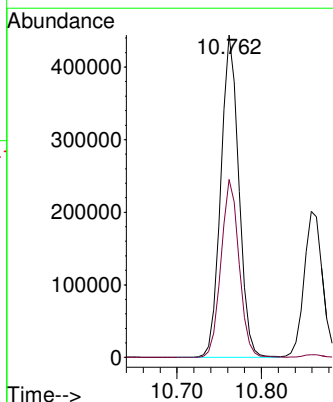
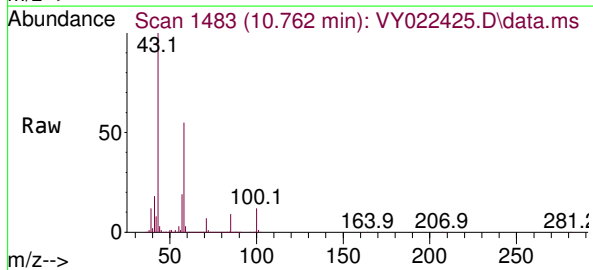
#59
2-Hexanone
Concen: 563.900 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDICC100

Tgt Ion: 43 Resp: 66098
Ion Ratio Lower Upper
43 100
58 55.2 27.1 81.2

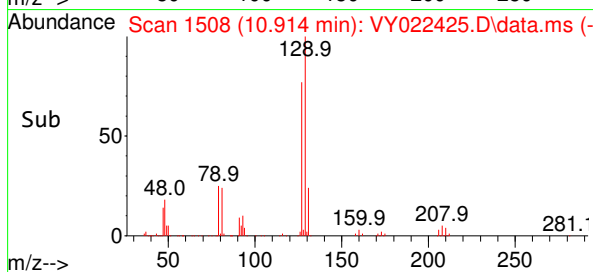
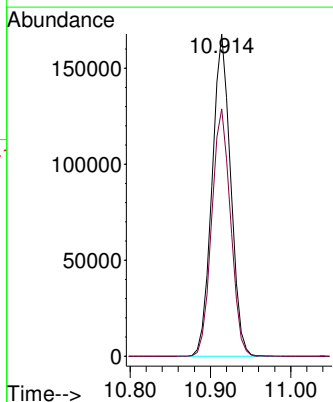
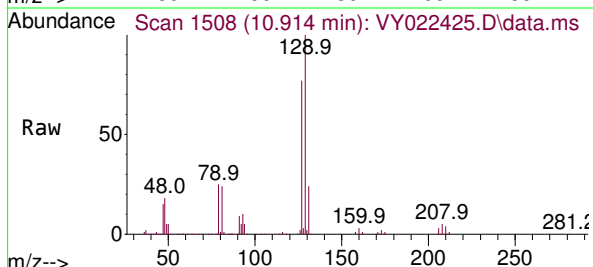
Manual Integrations
APPROVED

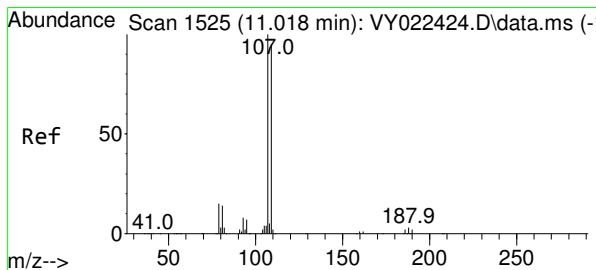
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#60
Dibromochloromethane
Concen: 109.221 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:129 Resp: 268919
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





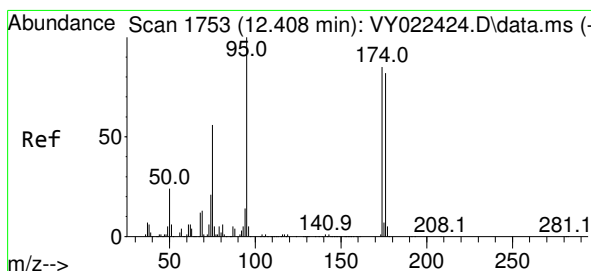
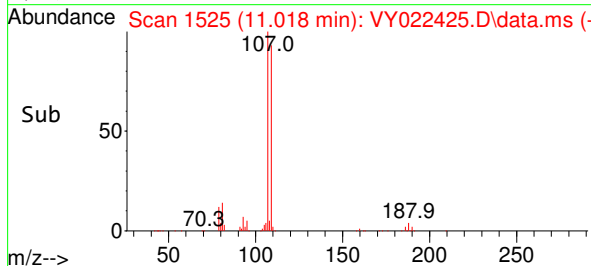
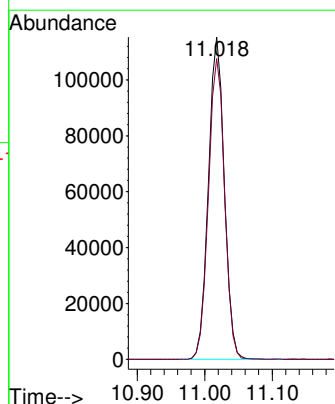
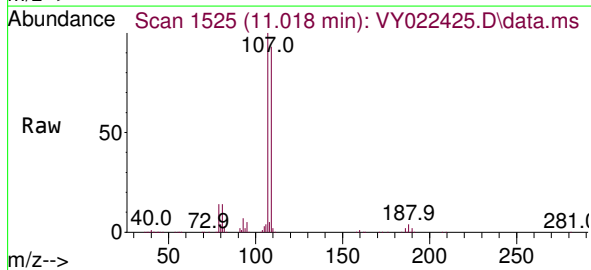
#61
1,2-Dibromoethane
Concen: 106.485 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 107 Resp: 18772
Ion Ratio Lower Upper
107 100
109 94.6 74.0 111.6

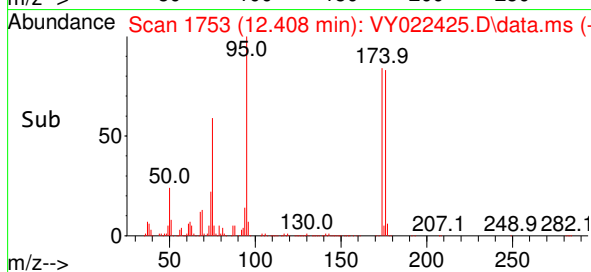
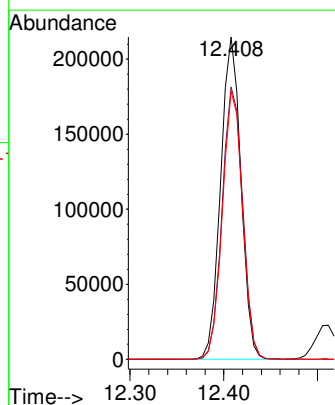
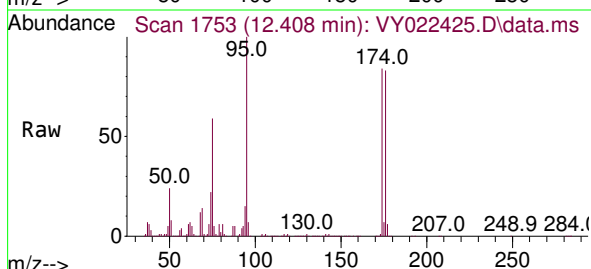
Manual Integrations
APPROVED

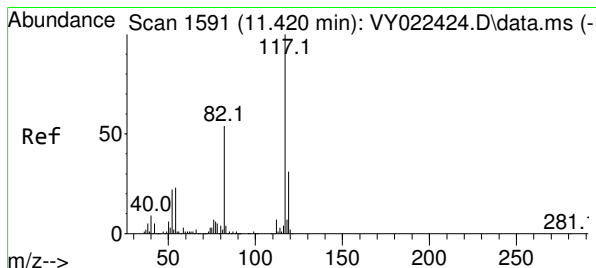
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#62
4-Bromofluorobenzene
Concen: 105.861 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 95 Resp: 321108
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 82.9 0.0 164.6





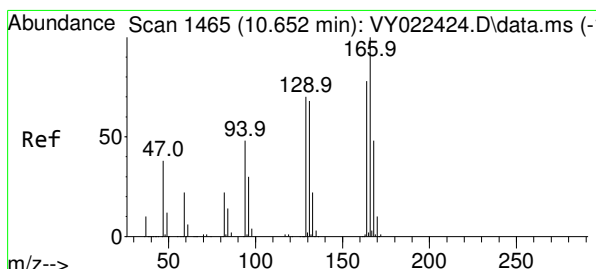
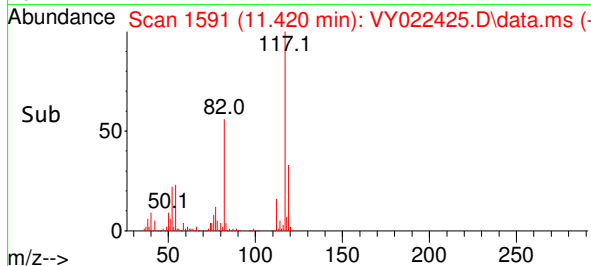
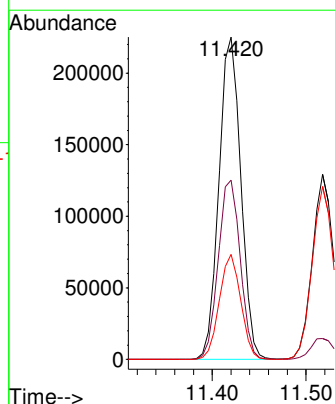
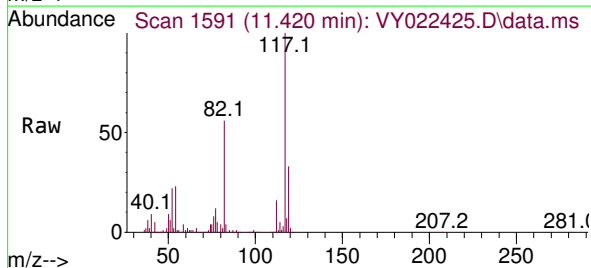
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 36414
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 32.5 24.5 36.7

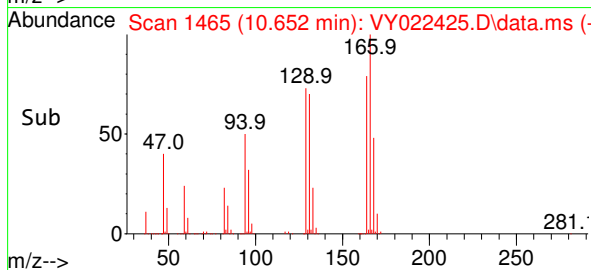
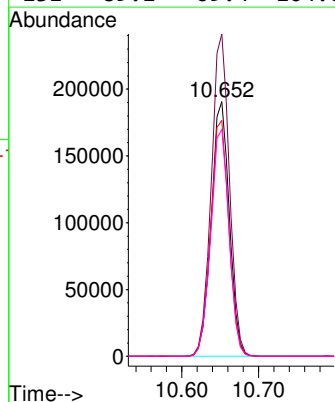
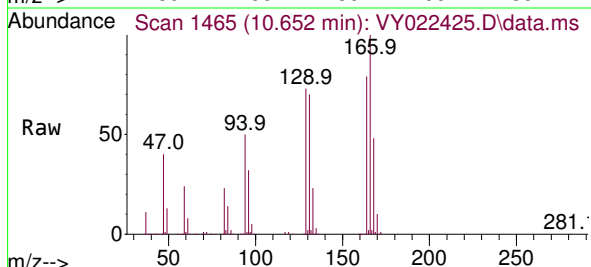
Manual Integrations
APPROVED

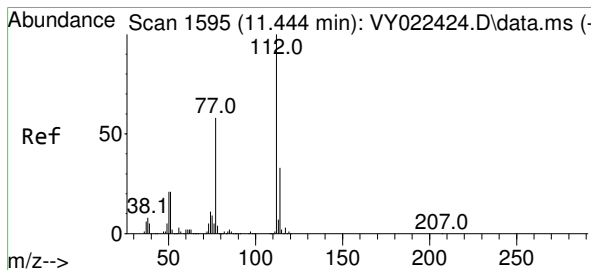
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#64
Tetrachloroethene
Concen: 100.828 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:164 Resp: 312696
Ion Ratio Lower Upper
164 100
166 126.5 102.0 153.0
129 92.5 71.3 106.9
131 89.1 69.4 104.0





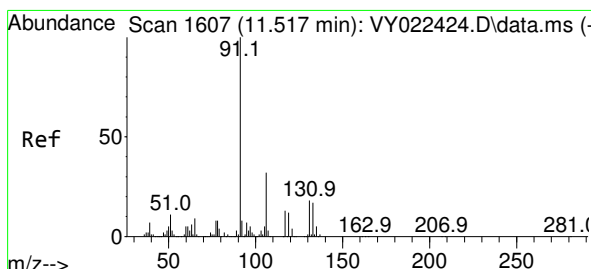
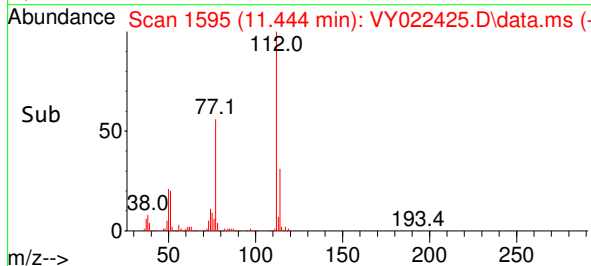
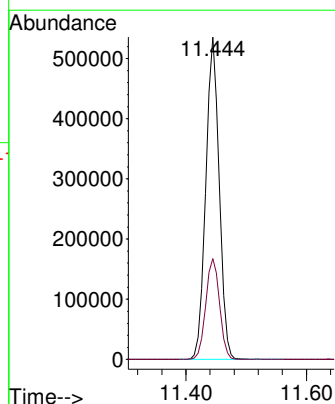
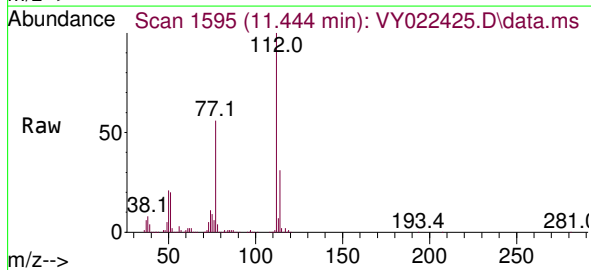
#65
Chlorobenzene
Concen: 106.209 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 82468
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1

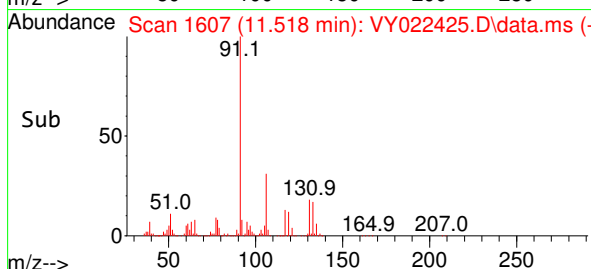
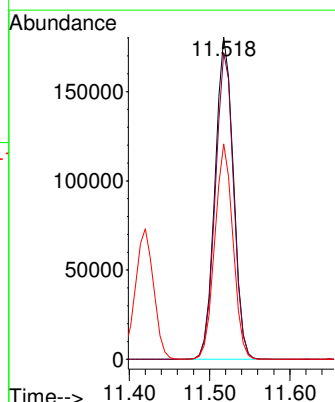
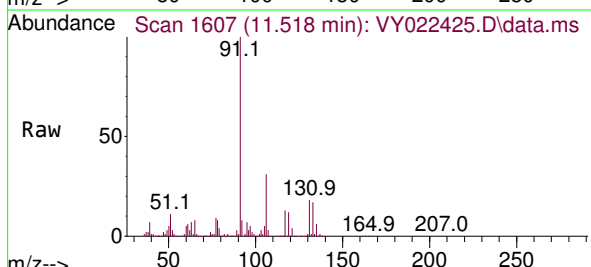
Manual Integrations
APPROVED

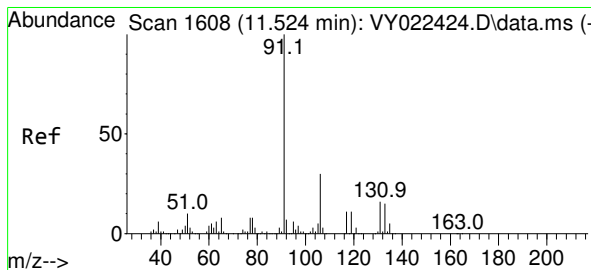
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 108.640 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:131 Resp: 285811
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.8
119 66.3 33.3 99.8





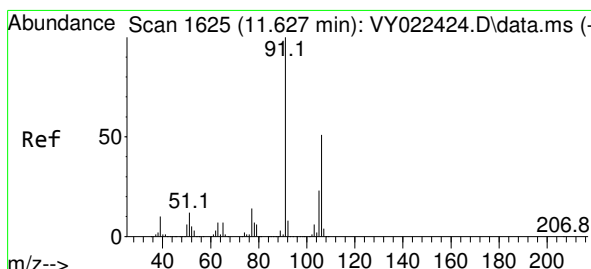
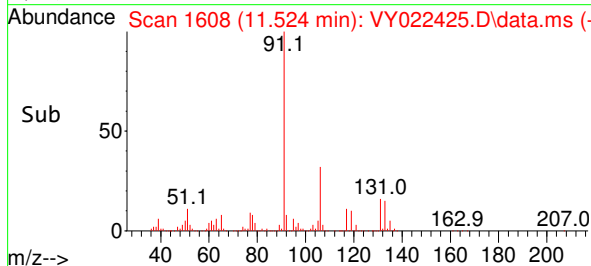
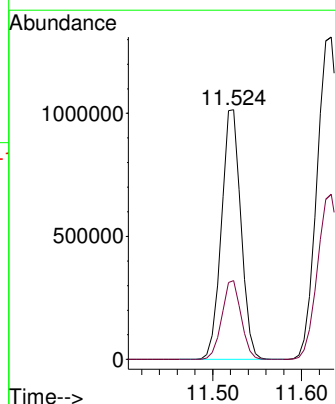
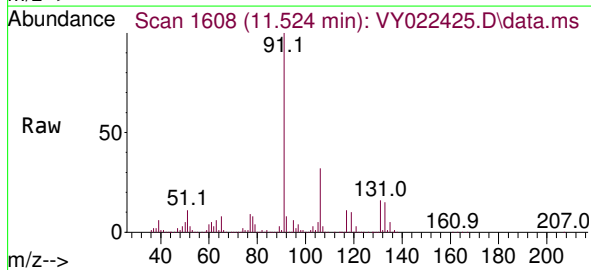
#67
Ethyl Benzene
Concen: 108.210 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 156011
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

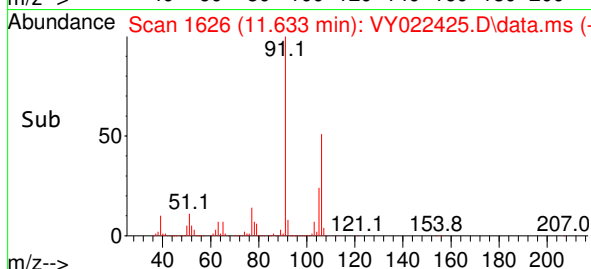
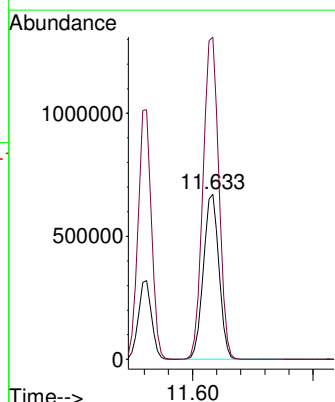
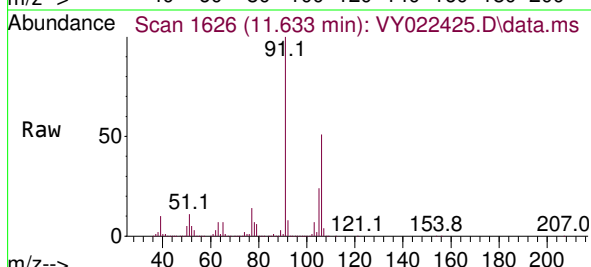
Manual Integrations
APPROVED

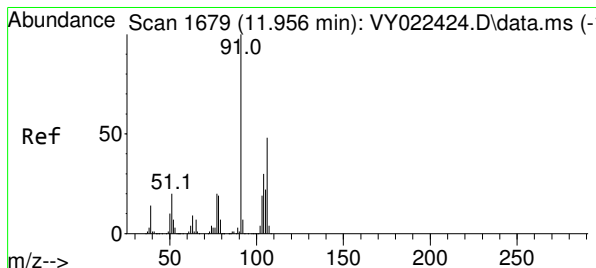
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#68
m/p-Xylenes
Concen: 219.811 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:106 Resp: 1201541
Ion Ratio Lower Upper
106 100
91 198.0 159.8 239.8





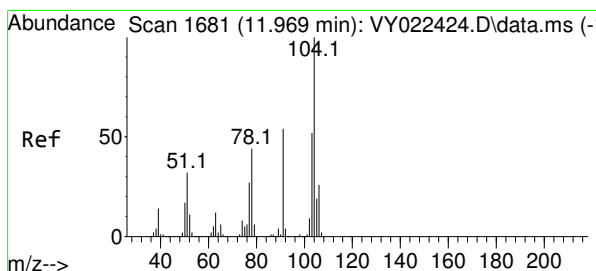
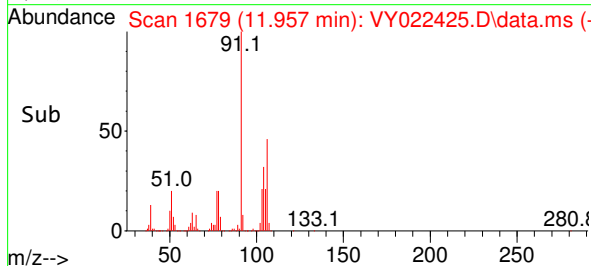
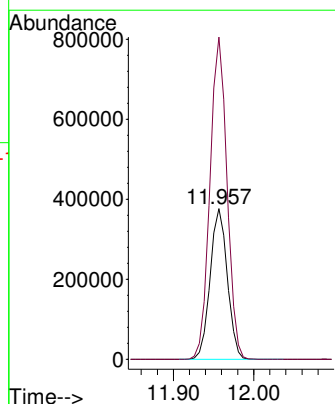
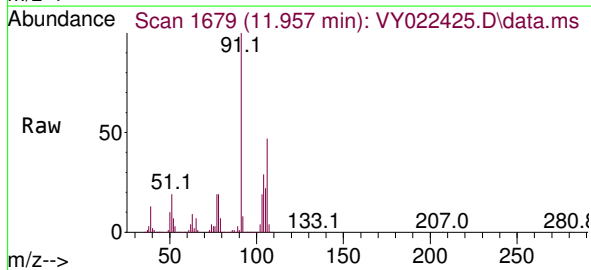
#69
o-Xylene
Concen: 108.917 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDIC100

Tgt Ion:106 Resp: 55955
Ion Ratio Lower Upper
106 100
91 212.1 106.3 318.9

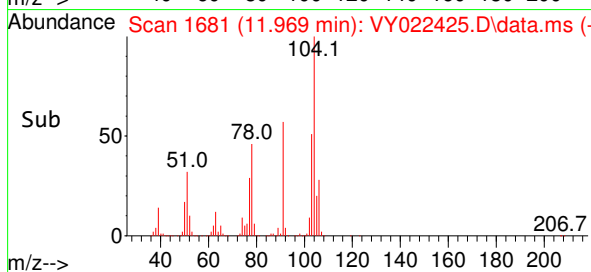
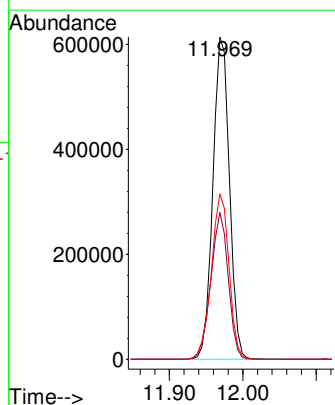
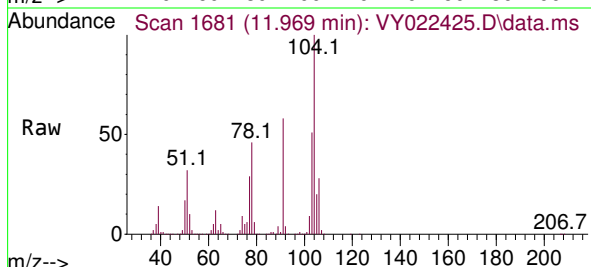
Manual Integrations
APPROVED

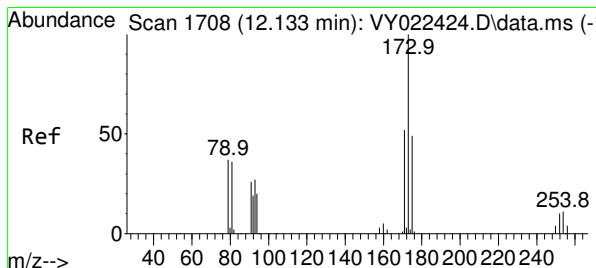
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#70
Styrene
Concen: 112.144 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:104 Resp: 959318
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 54.6 43.4 65.2





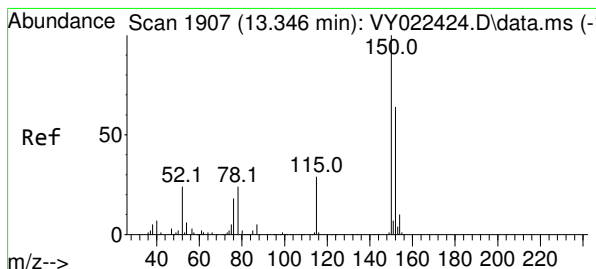
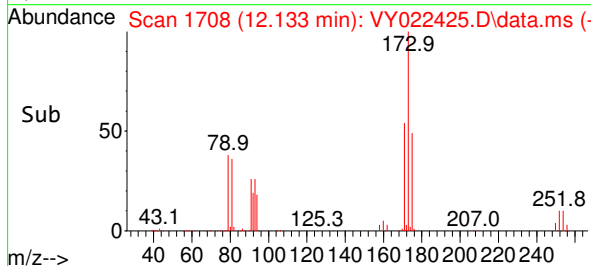
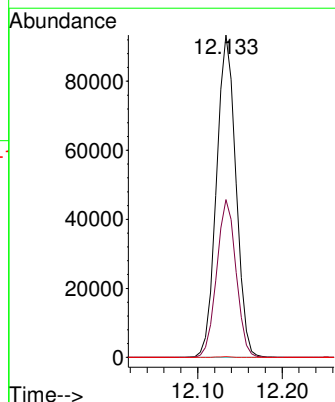
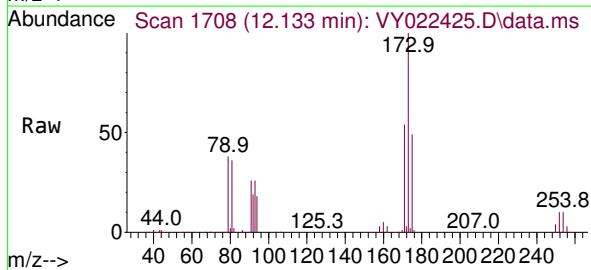
#71
Bromoform
Concen: 108.623 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDIC100

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	73.0
254	0.2	0.1	0.1

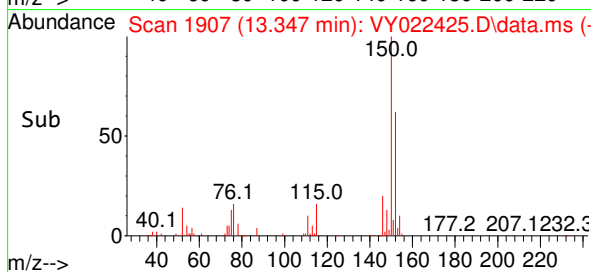
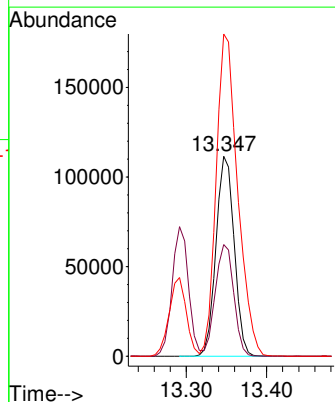
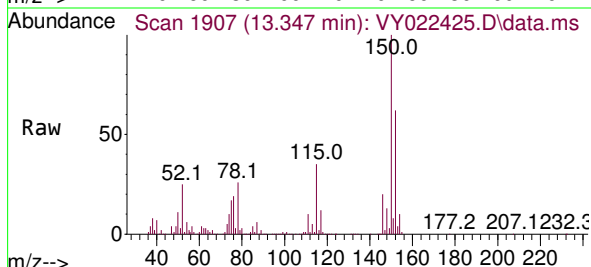
Manual Integrations
APPROVED

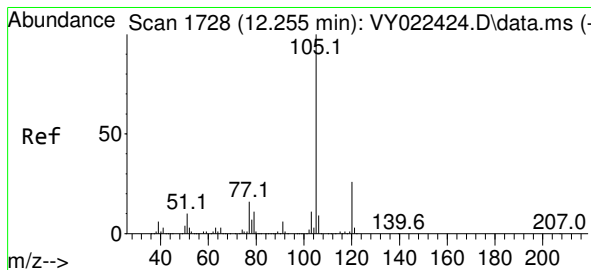
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.4	85.3
150	190.1	0.0	345.8





#73

Isopropylbenzene

Concen: 104.314 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 144031

Ion Ratio Lower Upper

105 100

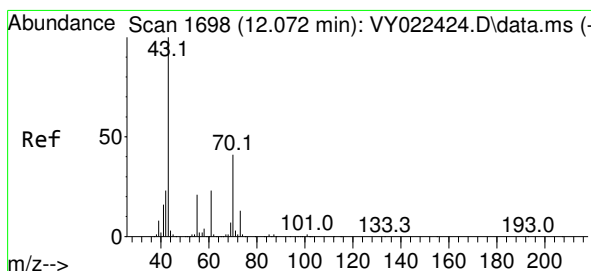
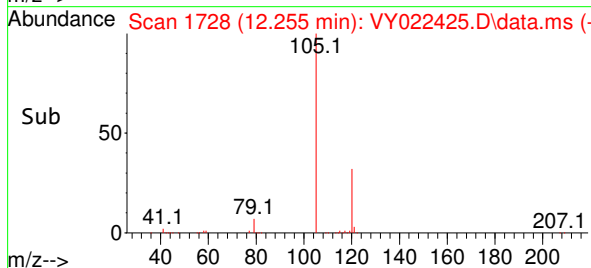
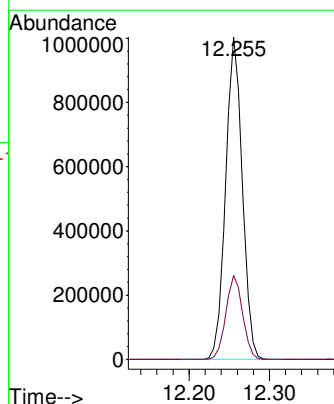
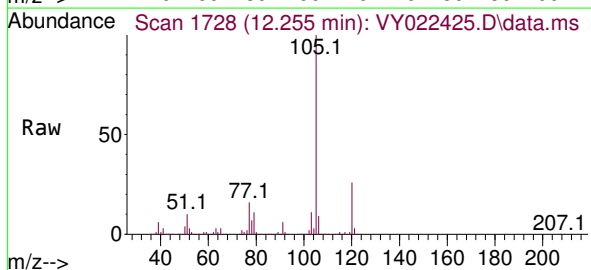
120 26.2 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#74

N-ethyl acetate

Concen: 109.087 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Tgt Ion: 43 Resp: 368563

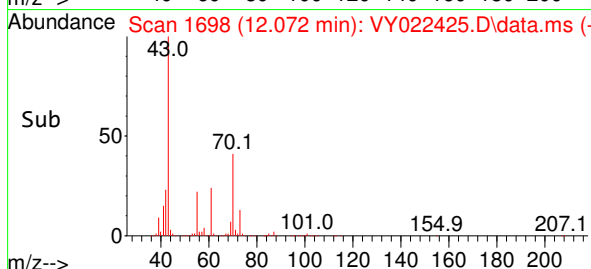
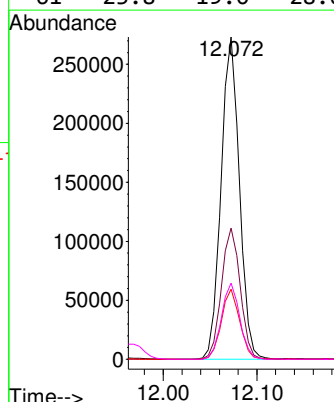
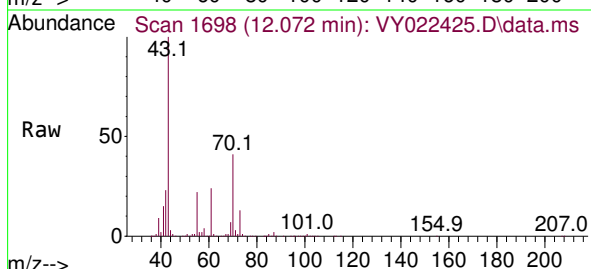
Ion Ratio Lower Upper

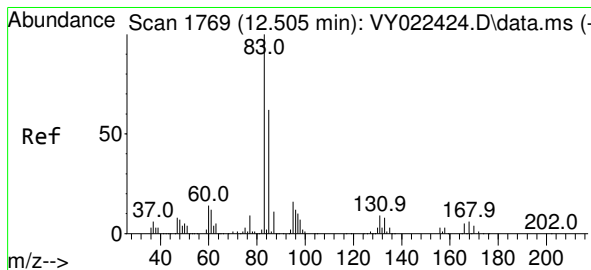
43 100

70 41.8 33.0 49.4

55 21.8 17.5 26.3

61 23.8 19.0 28.6





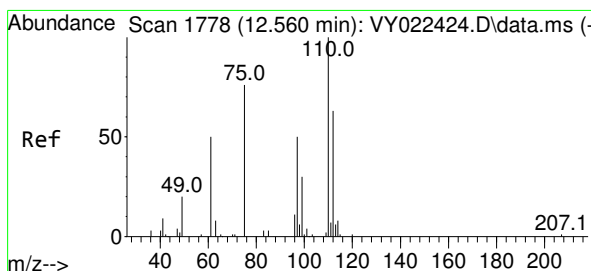
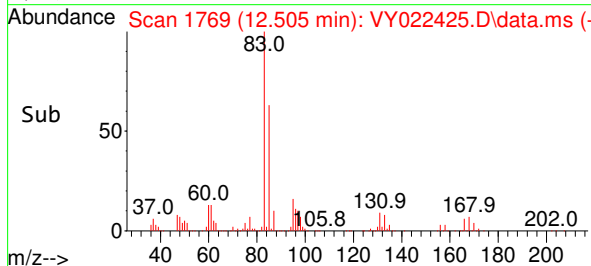
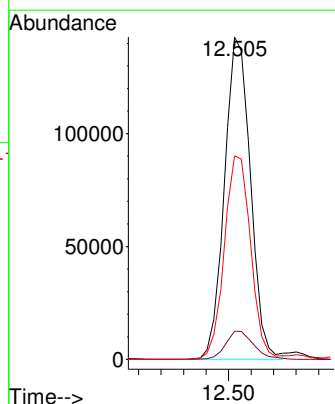
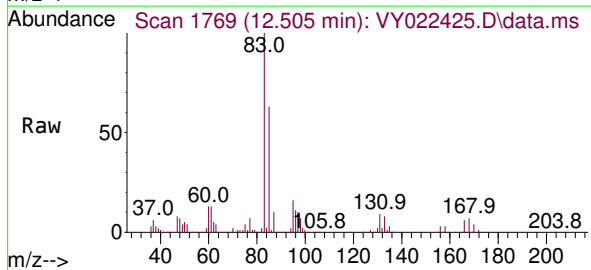
#75
1,1,2,2-Tetrachloroethane
Concen: 105.191 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	64.1	32.0	96.2

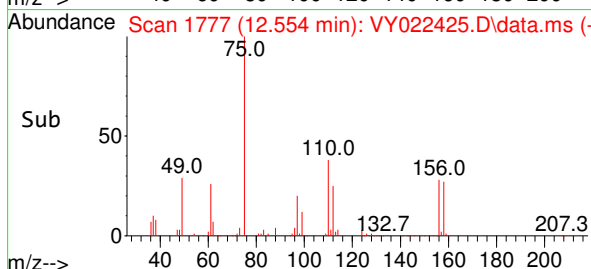
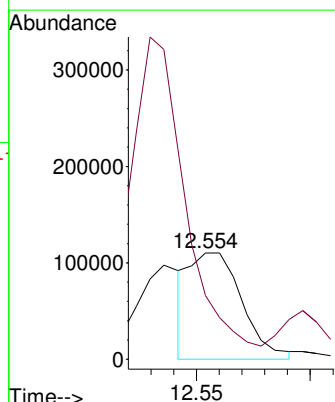
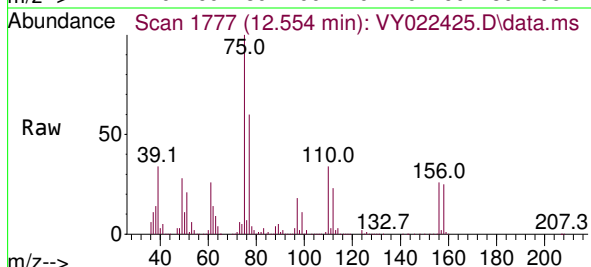
Manual Integrations
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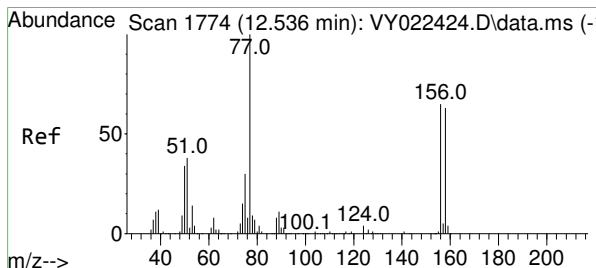
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#76
1,2,3-Trichloropropane
Concen: 61.586 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 102.933 ug/l

RT: 12.536 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 30584

Ion Ratio Lower Upper

156 100

77 188.3 91.4 274.2

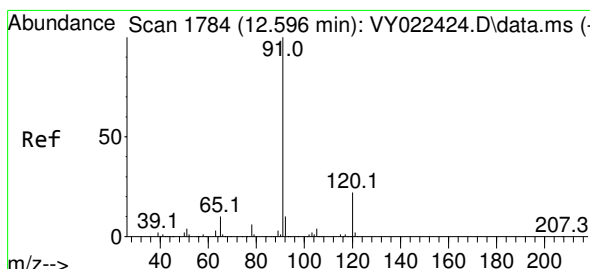
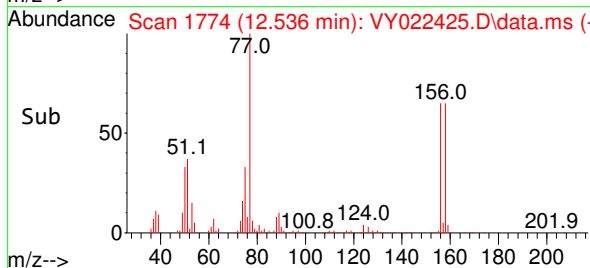
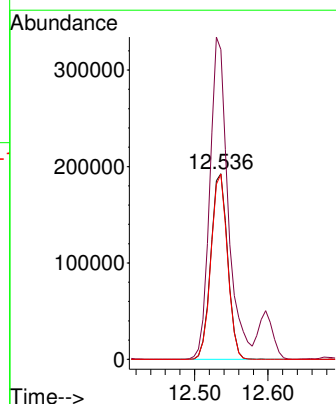
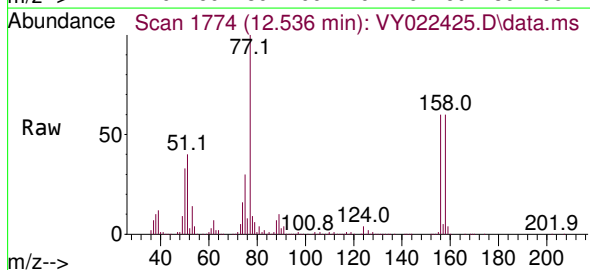
158 98.0 48.1 144.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#78

n-propylbenzene

Concen: 104.859 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022425.D

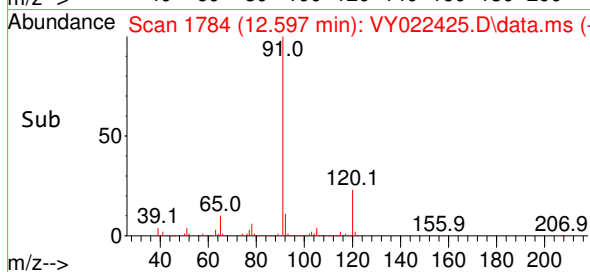
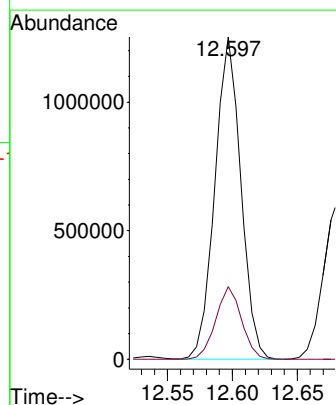
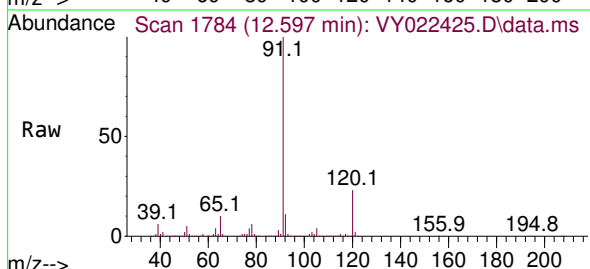
Acq: 27 May 2025 10:22

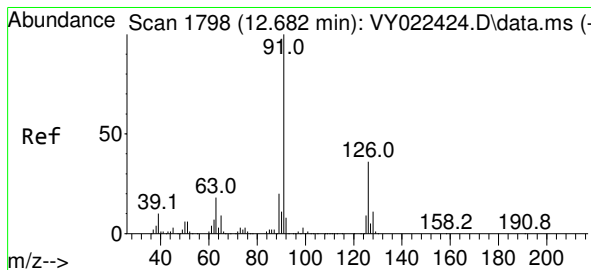
Tgt Ion: 91 Resp: 1737515

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5





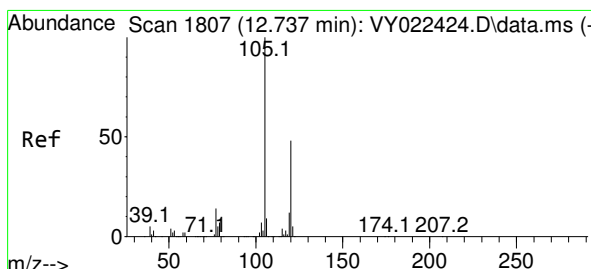
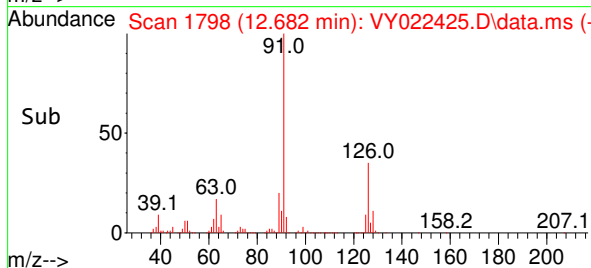
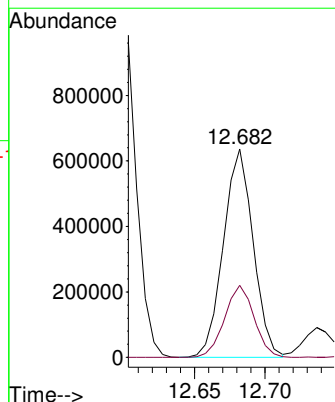
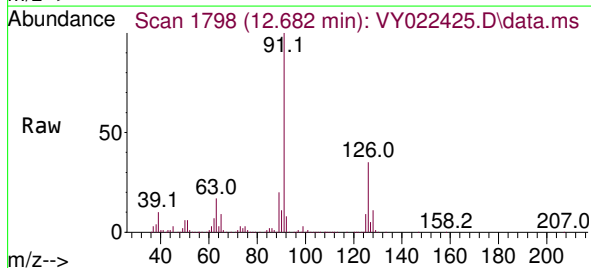
#79
2-Chlorotoluene
Concen: 104.209 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 93471
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3

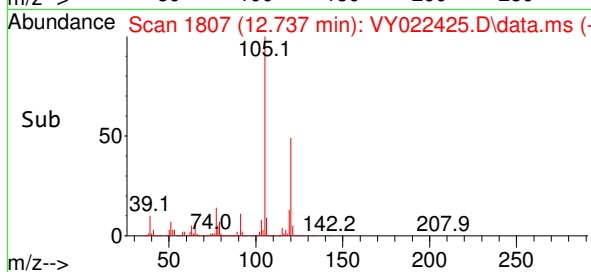
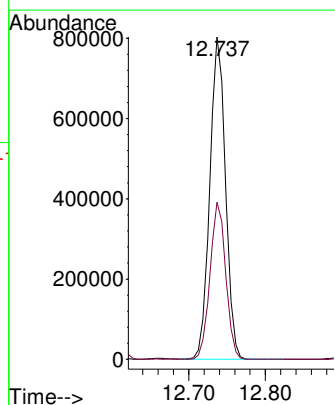
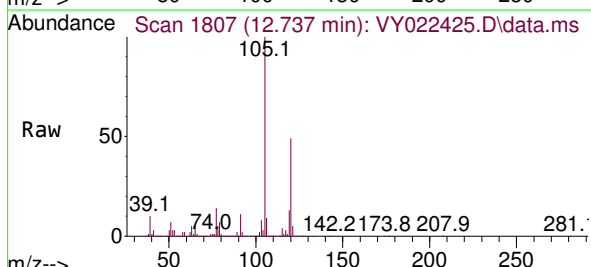
Manual Integrations
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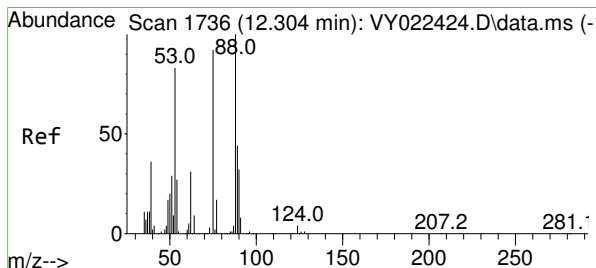
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 105.961 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:105 Resp: 1143145
Ion Ratio Lower Upper
105 100
120 48.9 24.3 73.0





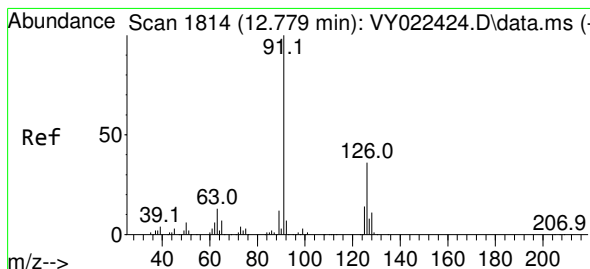
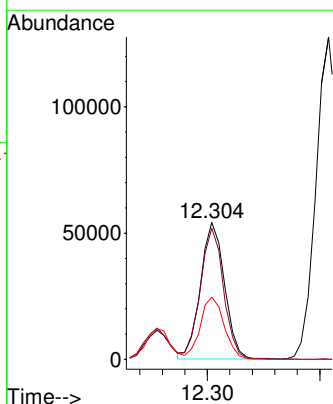
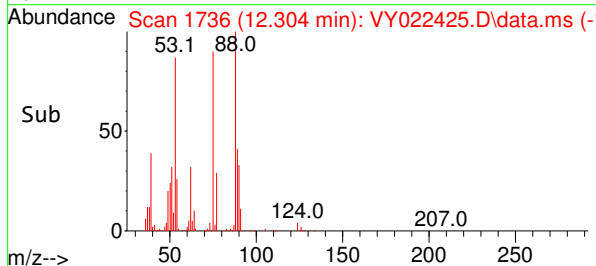
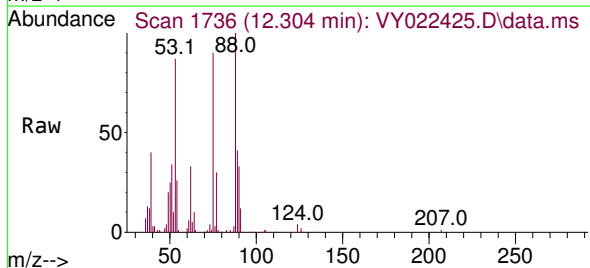
#81
trans-1,4-Dichloro-2-butene
Concen: 103.668 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument : MSVOA_Y
ClientSampleId : VSTDIC100

Tgt Ion: 75 Resp: 8055
Ion Ratio Lower Upper
75 100
53 94.1 75.1 112.7
89 45.2 37.4 56.6

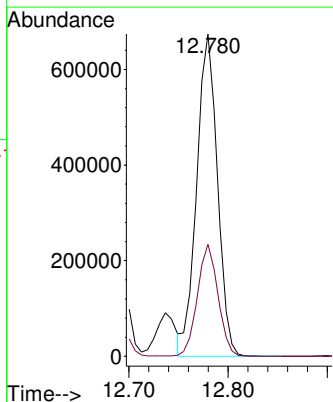
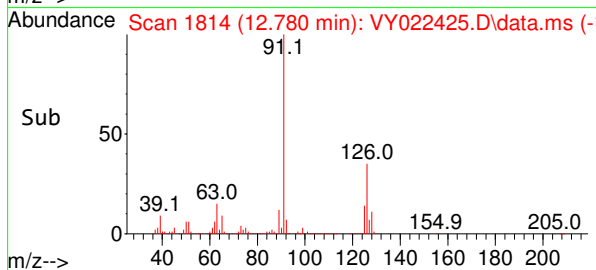
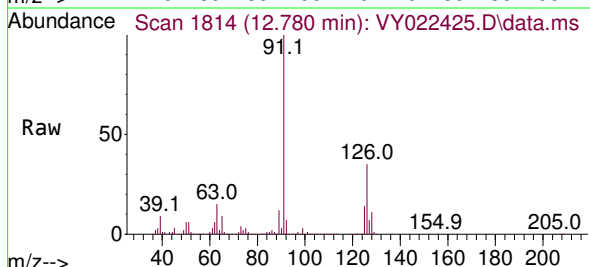
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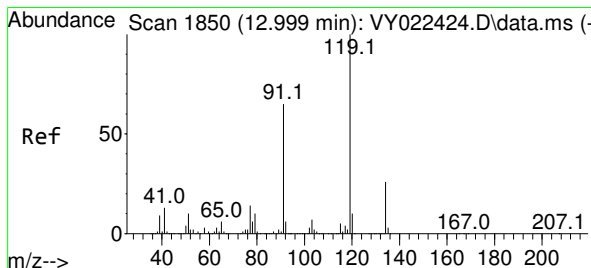
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#82
4-Chlorotoluene
Concen: 105.314 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 91 Resp: 972892
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





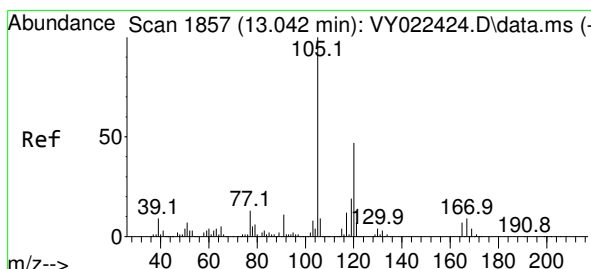
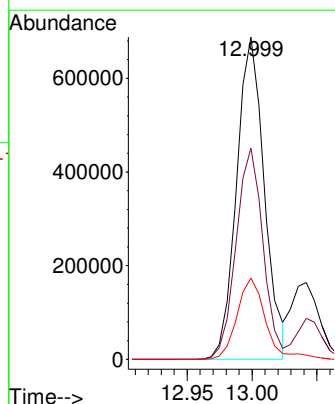
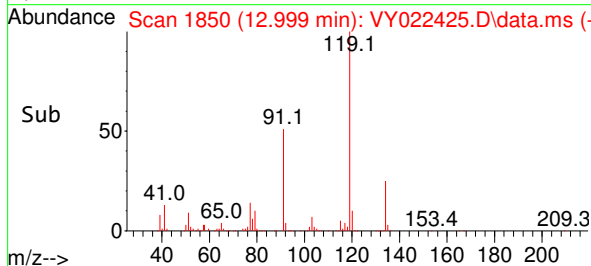
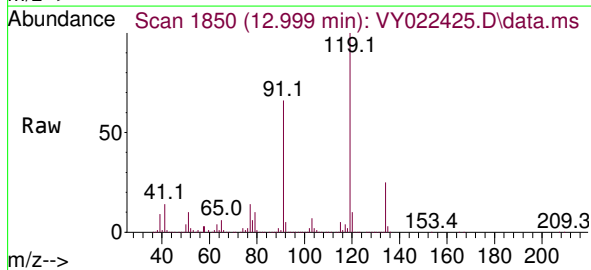
#83
tert-Butylbenzene
Concen: 105.025 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 102376
Ion Ratio Lower Upper
119 100
91 63.5 31.8 95.3
134 26.0 13.0 38.9

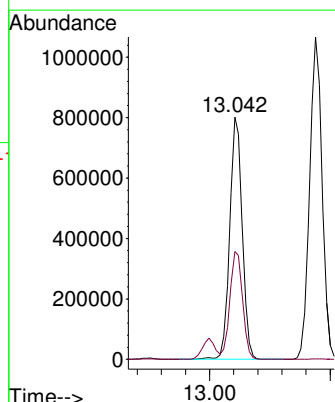
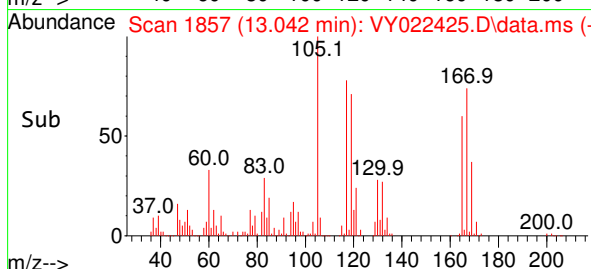
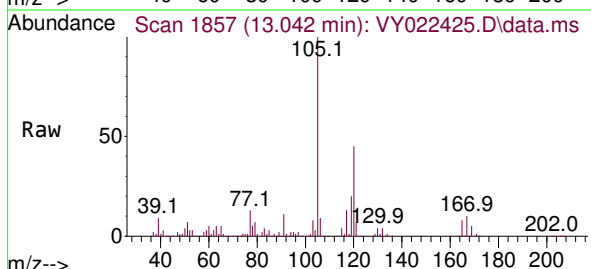
Manual Integrations
APPROVED

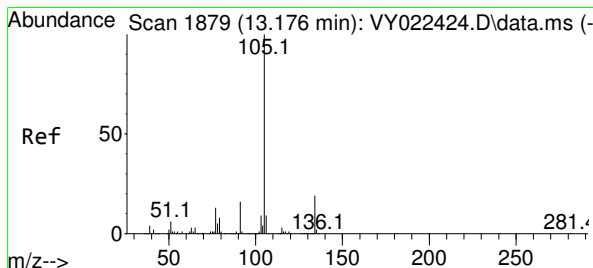
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 106.843 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:105 Resp: 1159943
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 105.741 ug/l

RT: 13.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 152852

Ion Ratio Lower Upper

105 100

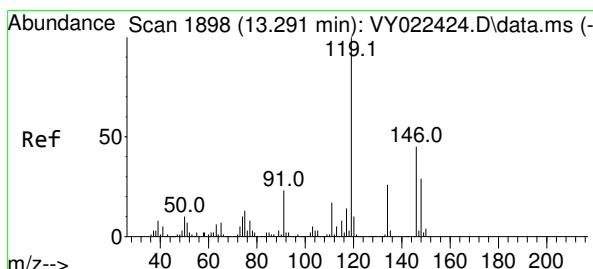
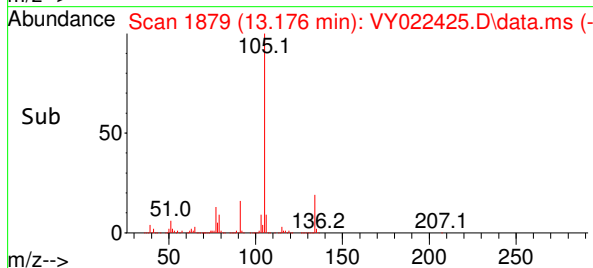
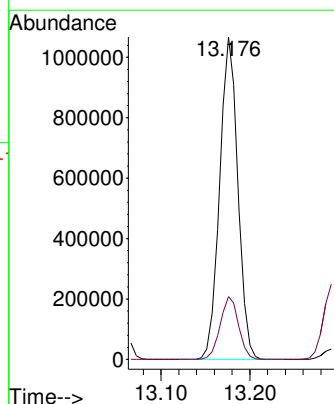
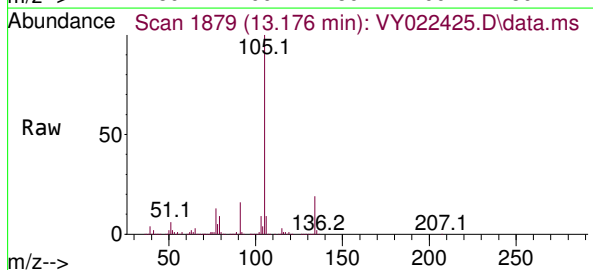
134 19.7 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#86

p-Isopropyltoluene

Concen: 109.402 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

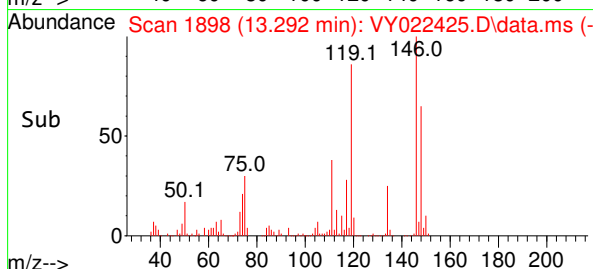
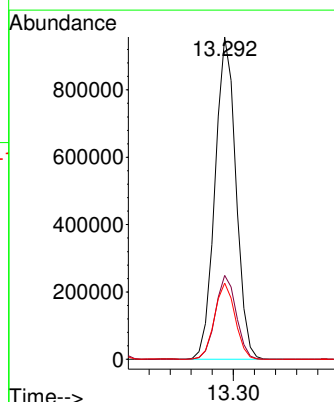
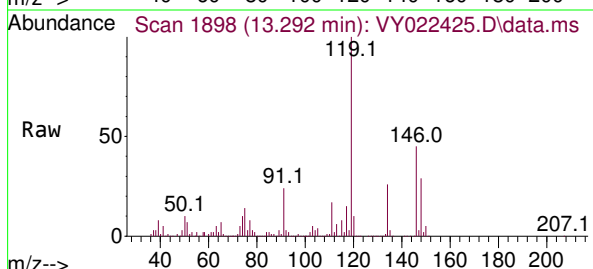
Tgt Ion:119 Resp: 1320591

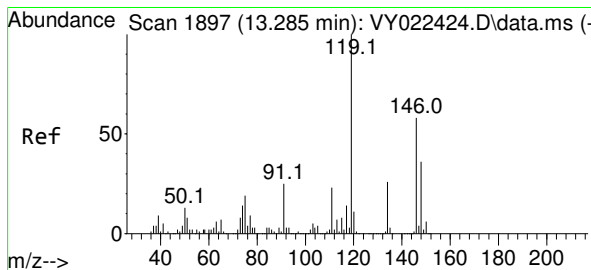
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 107.749 ug/l

RT: 13.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 64418

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

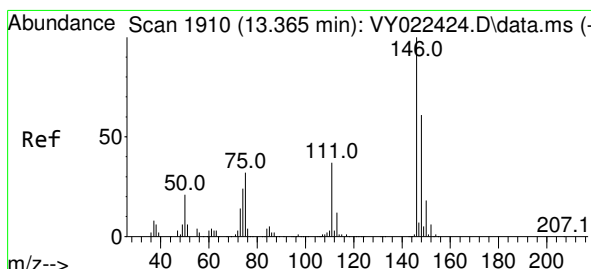
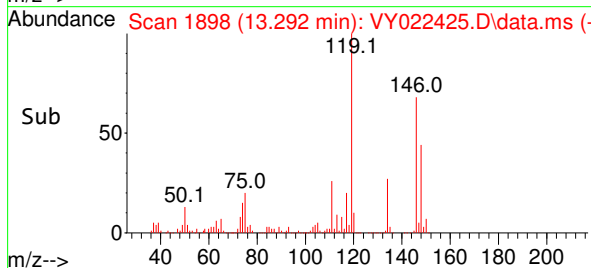
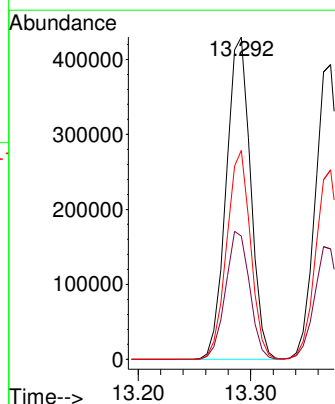
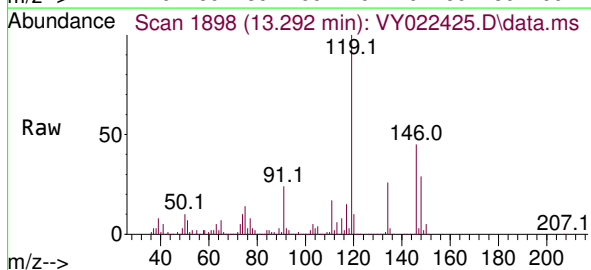
148 63.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#88

1,4-Dichlorobenzene

Concen: 104.800 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

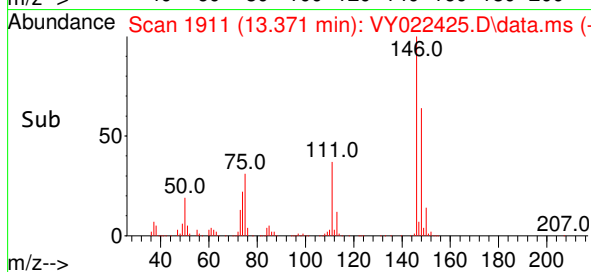
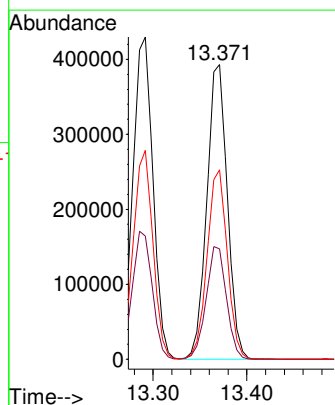
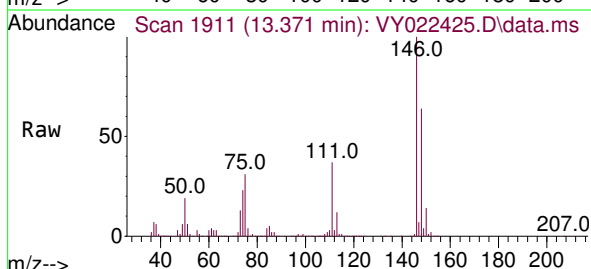
Tgt Ion:146 Resp: 599095

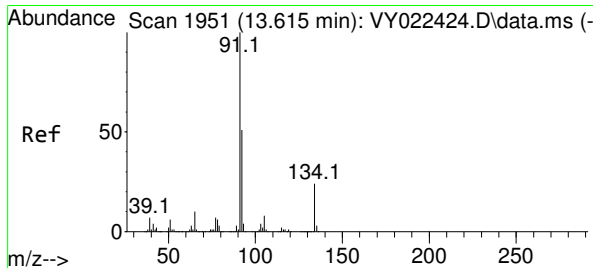
Ion Ratio Lower Upper

146 100

111 38.0 18.7 56.1

148 63.4 31.4 94.3





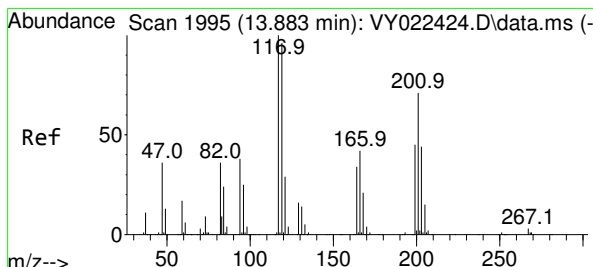
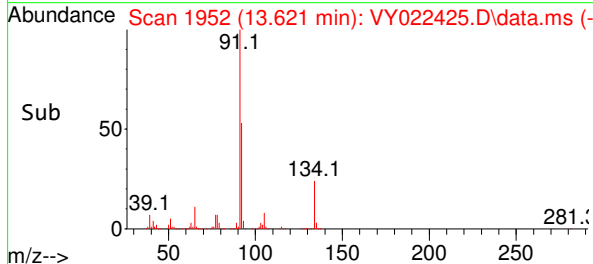
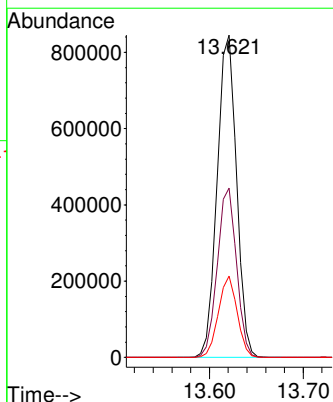
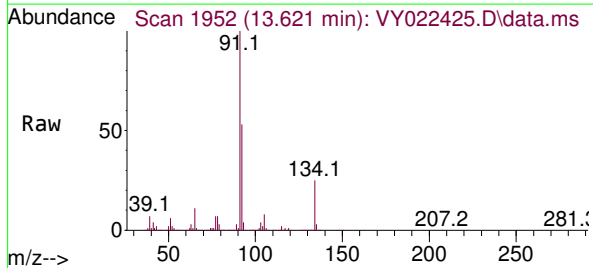
#89
n-Butylbenzene
Concen: 106.731 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:	91	Resp:	120797
Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.9	77.6
134	24.4	12.4	37.6

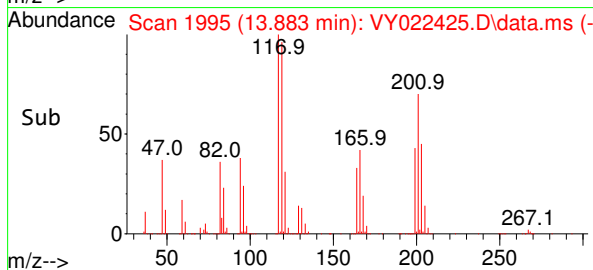
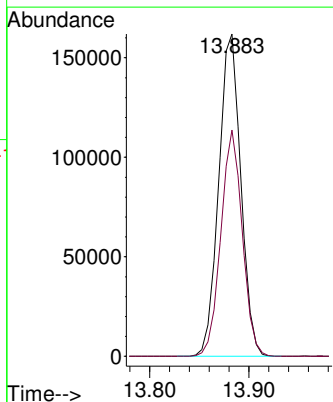
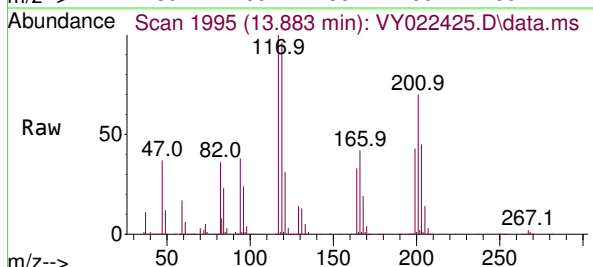
Manual Integrations
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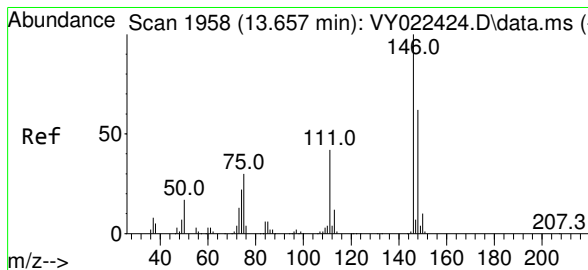
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#90
Hexachloroethane
Concen: 104.776 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion:	117	Resp:	251685
Ion	Ratio	Lower	Upper
117	100		
201	68.2	35.0	105.0





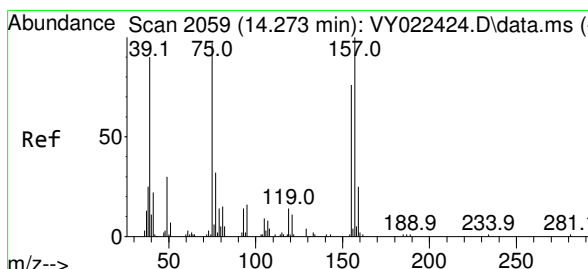
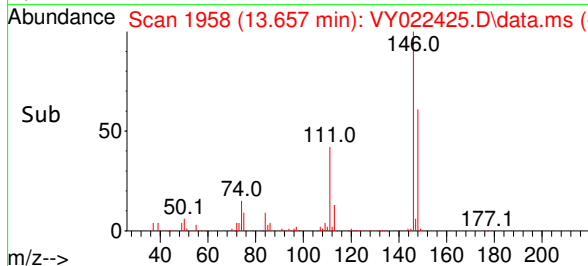
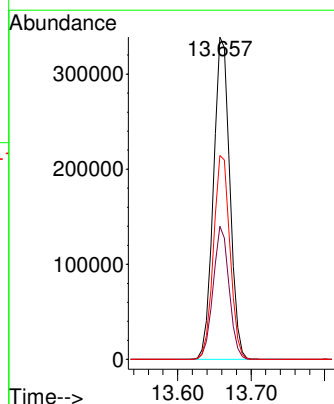
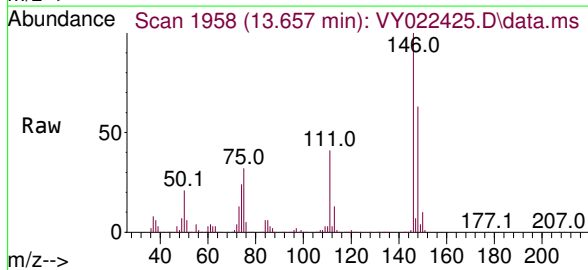
#91
1,2-Dichlorobenzene
Concen: 105.034 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 146 Resp: 52449
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.6
148 63.5 31.9 95.9

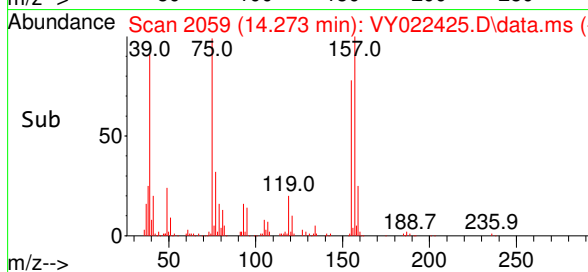
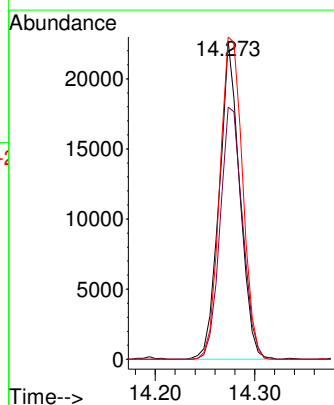
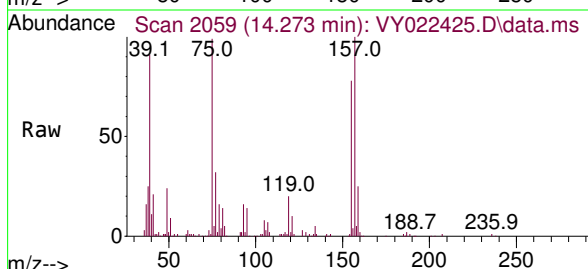
Manual Integrations
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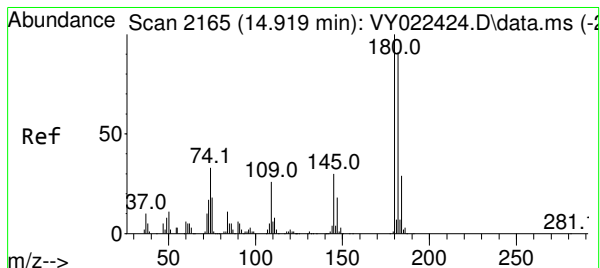
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 97.318 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion: 75 Resp: 32714
Ion Ratio Lower Upper
75 100
155 86.8 42.3 126.8
157 112.3 54.4 163.3





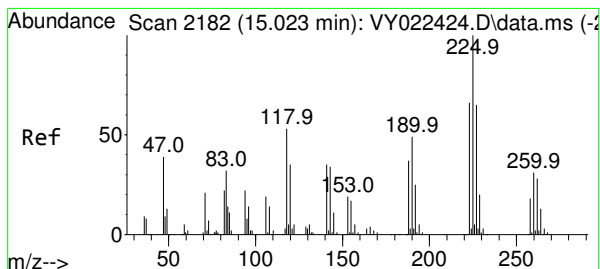
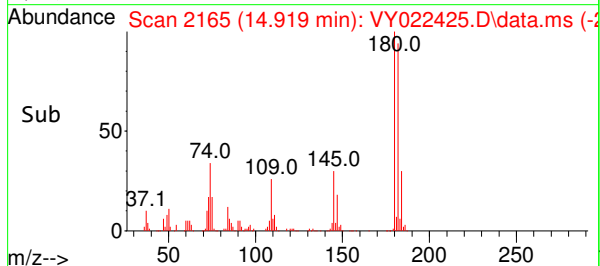
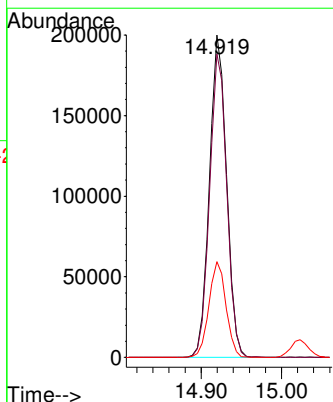
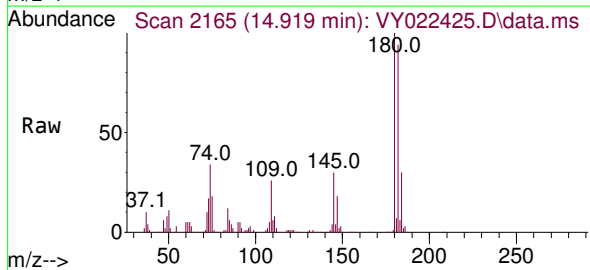
#93
1,2,4-Trichlorobenzene
Concen: 106.731 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.2	138.6
145	29.7	14.2	42.8

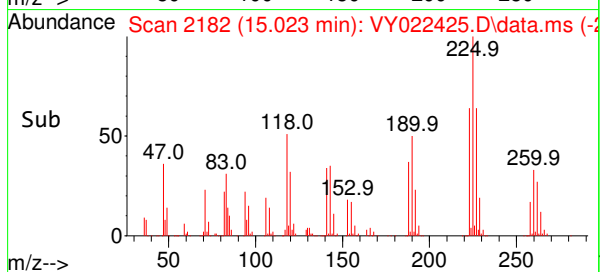
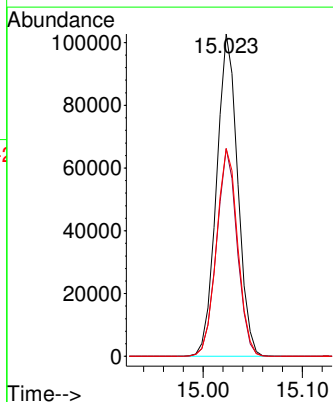
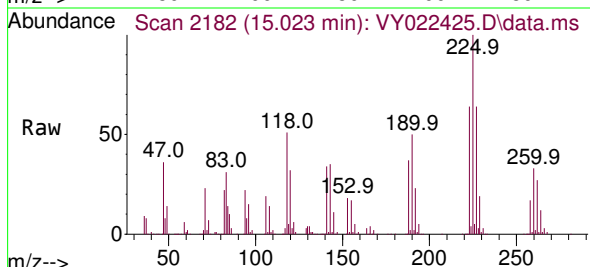
Manual Integrations
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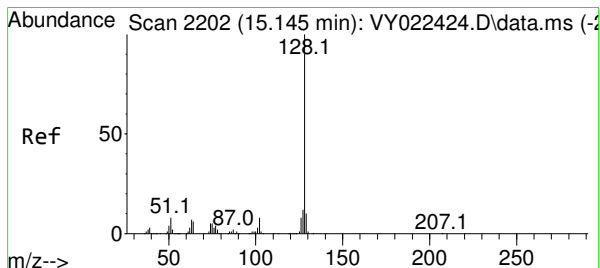
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#94
Hexachlorobutadiene
Concen: 105.350 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022425.D
Acq: 27 May 2025 10:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.6	97.7
227	64.7	33.0	99.0





#95

Naphthalene

Concen: 111.021 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 56818

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

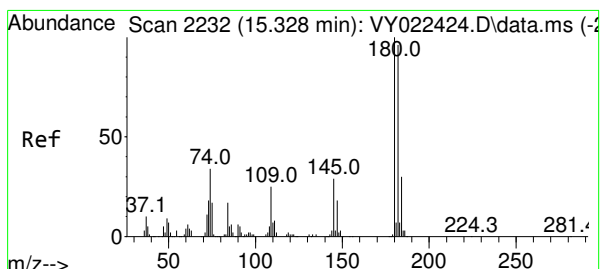
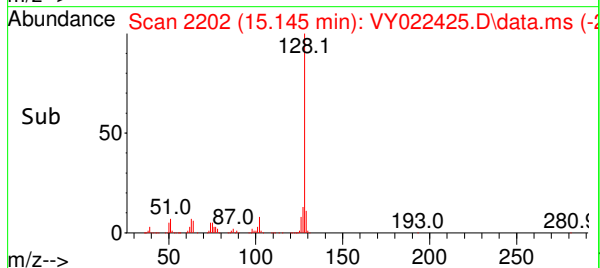
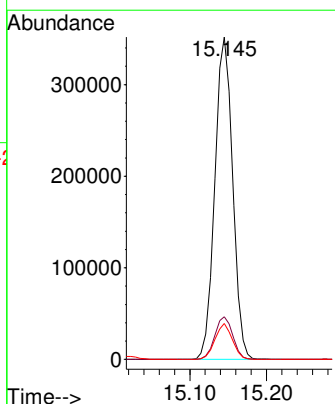
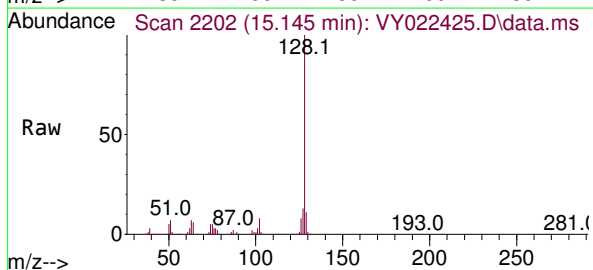
129 10.8 8.5 12.7

Manual Integrations

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Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 108.638 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022425.D

Acq: 27 May 2025 10:22

Tgt Ion:180 Resp: 246652

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.3

145 31.4 14.9 44.5

