

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112025\
 Data File : VW032511.D
 Acq On : 20 Nov 2025 09:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

Quant Time: Nov 21 01:14:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	337313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	607386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	557641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	270193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	229856	52.855	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.720%			
35) Dibromofluoromethane	7.898	113	193897	53.319	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 106.640%			
50) Toluene-d8	10.325	98	757307	54.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 108.560%			
62) 4-Bromofluorobenzene	12.617	95	271851	51.583	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	83085	48.548	ug/l	96
3) Chloromethane	2.253	50	156582	53.378	ug/l	99
4) Vinyl Chloride	2.405	62	213075	57.554	ug/l	98
5) Bromomethane	2.820	94	141135	56.991	ug/l	99
6) Chloroethane	2.966	64	137131	56.616	ug/l	99
7) Trichlorofluoromethane	3.302	101	155529	53.583	ug/l	98
8) Diethyl Ether	3.716	74	125766	52.996	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	182808	57.817	ug/l	98
10) Methyl Iodide	4.307	142	278265	54.641	ug/l	99
11) Tert butyl alcohol	5.204	59	83549	222.182	ug/l	100
12) 1,1-Dichloroethene	4.076	96	202701	55.908	ug/l	96
13) Acrolein	3.929	56	100797	159.762	ug/l	99
14) Allyl chloride	4.704	41	381345	54.695	ug/l	99
15) Acrylonitrile	5.393	53	371333	270.630	ug/l	99
16) Acetone	4.155	43	366918	282.018	ug/l	96
17) Carbon Disulfide	4.417	76	594959	55.521	ug/l	98
18) Methyl Acetate	4.704	43	178408	55.375	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	405988	53.121	ug/l	98
20) Methylene Chloride	4.948	84	257041	55.244	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	232325	56.040	ug/l	97
22) Diisopropyl ether	6.338	45	790107	55.658	ug/l	98
23) Vinyl Acetate	6.277	43	2613915	268.755	ug/l	99
24) 1,1-Dichloroethane	6.240	63	447570	57.546	ug/l	99
25) 2-Butanone	7.191	43	498372	260.007	ug/l	99
26) 2,2-Dichloropropane	7.185	77	234037	53.993	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	274018	55.317	ug/l	98
28) Bromochloromethane	7.526	49	204138	55.533	ug/l	98
29) Tetrahydrofuran	7.545	42	326746	268.576	ug/l	99
30) Chloroform	7.691	83	444493	58.379	ug/l	97
31) Cyclohexane	7.965	56	376474	52.328	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	307154	56.471	ug/l	98
36) 1,1-Dichloropropene	8.093	75	303484	56.640	ug/l	98
37) Ethyl Acetate	7.270	43	218945	54.952	ug/l	98
38) Carbon Tetrachloride	8.075	117	278693	58.538	ug/l	97
39) Methylcyclohexane	9.343	83	385451	55.530	ug/l	96
40) Benzene	8.337	78	995668	57.703	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	112399	51.355	ug/l	97
42) 1,2-Dichloroethane	8.410	62	297240	58.647	ug/l	99
43) Isopropyl Acetate	8.429	43	374631	53.102	ug/l	98
44) Trichloroethene	9.099	130	220539	54.927	ug/l	90
45) 1,2-Dichloropropane	9.374	63	248521	57.842	ug/l	99
46) Dibromomethane	9.465	93	145504	57.953	ug/l	100
47) Bromodichloromethane	9.648	83	327748	57.226	ug/l	99
48) Methyl methacrylate	9.441	41	178851	53.350	ug/l	97
49) 1,4-Dioxane	9.465	88	39519	1123.577	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	1090252	279.543	ug/l	99
52) Toluene	10.392	92	614010	57.609	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	324443	55.005	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	390777	57.290	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	195488	56.756	ug/l	98
56) Ethyl methacrylate	10.648	69	283165	53.581	ug/l	99
57) 1,3-Dichloropropane	10.934	76	344031	55.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	778026	276.444	ug/l	100
59) 2-Hexanone	10.965	43	779753	273.265	ug/l	98
60) Dibromochloromethane	11.129	129	218768	56.876	ug/l	98
61) 1,2-Dibromoethane	11.233	107	187185	55.798	ug/l	99
64) Tetrachloroethene	10.867	164	183526	55.576	ug/l #	88
65) Chlorobenzene	11.654	112	661763	55.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	205579	55.268	ug/l	98
67) Ethyl Benzene	11.727	91	1168712	56.197	ug/l	99
68) m/p-Xylenes	11.837	106	871604	111.625	ug/l	98
69) o-Xylene	12.166	106	414420	55.430	ug/l	99
70) Styrene	12.178	104	736990	57.303	ug/l	99
71) Bromoform	12.349	173	117203	53.196	ug/l #	95
73) Isopropylbenzene	12.458	105	1048001	52.812	ug/l	98
74) N-amyl acetate	12.269	43	343061	49.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	244181	51.849	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	173443m	46.816	ug/l	
77) Bromobenzene	12.739	156	245834	52.323	ug/l	97
78) n-propylbenzene	12.800	91	1323237	54.756	ug/l	99
79) 2-Chlorotoluene	12.885	91	795531	53.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	870033	53.144	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	82814	51.199	ug/l	97
82) 4-Chlorotoluene	12.983	91	813607	53.025	ug/l	97
83) tert-Butylbenzene	13.202	119	763927	53.642	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	892057	53.573	ug/l	100
85) sec-Butylbenzene	13.379	105	1119872	52.800	ug/l	99
86) p-Isopropyltoluene	13.495	119	927196	52.946	ug/l	100
87) 1,3-Dichlorobenzene	13.501	146	470529	52.821	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	479905	52.586	ug/l	98
89) n-Butylbenzene	13.818	91	913882	53.416	ug/l	98
90) Hexachloroethane	14.086	117	161363	51.106	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	435287	53.231	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	39923	49.209	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	252026	48.431	ug/l	96
94) Hexachlorobutadiene	15.220	225	101225	46.828	ug/l	91
95) Naphthalene	15.360	128	626649	48.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	237412	50.252	ug/l	93

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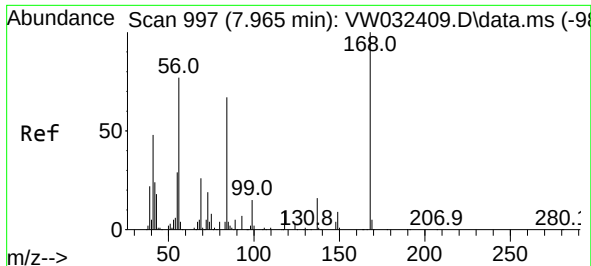
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

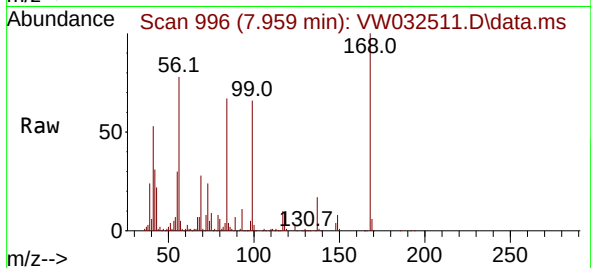
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032511.D
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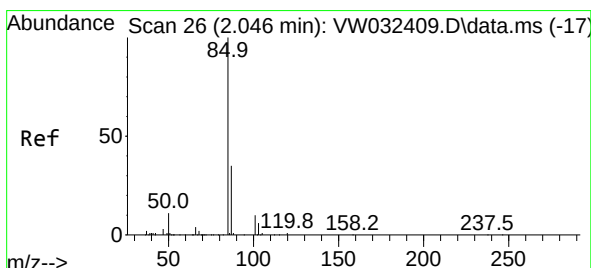
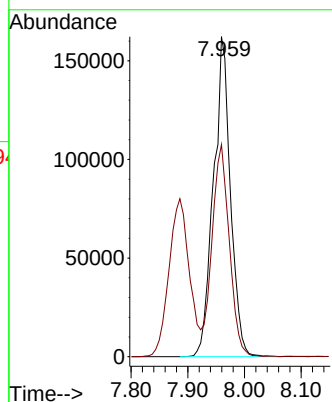
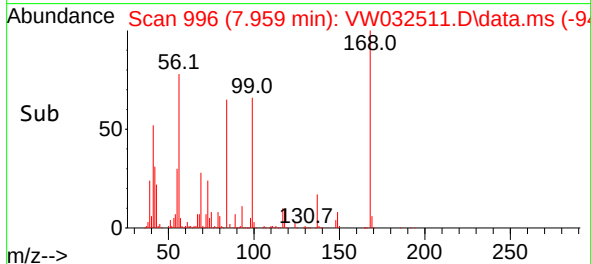
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 33731
Ion Ratio Lower Upper
168 100
99 66.3 45.4 68.2

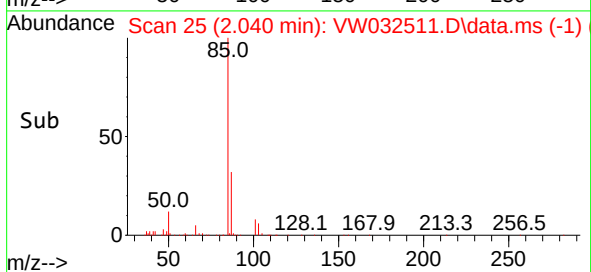
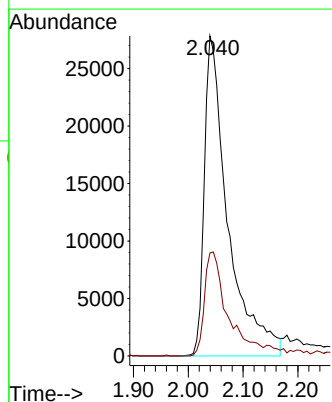
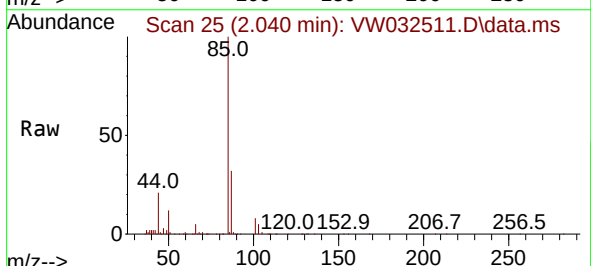
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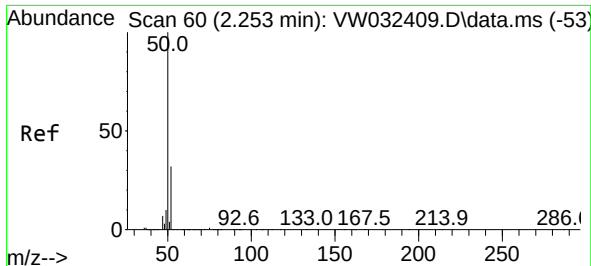
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#2
Dichlorodifluoromethane
Concen: 48.548 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

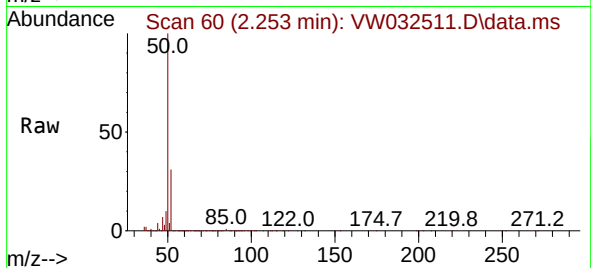
Tgt Ion: 85 Resp: 83085
Ion Ratio Lower Upper
85 100
87 32.2 17.4 52.2





#3
Chloromethane
Concen: 53.378 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

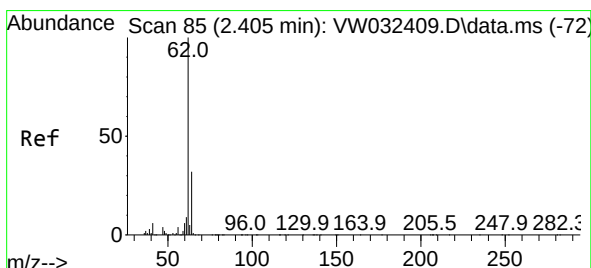
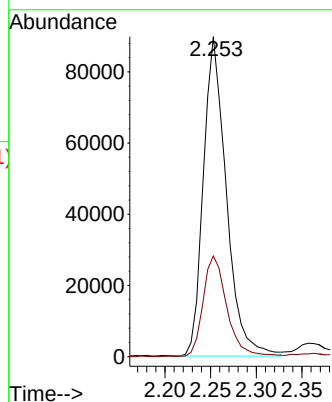
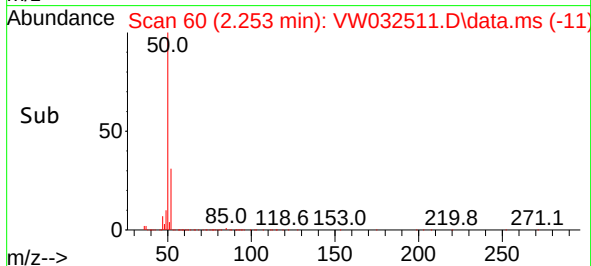
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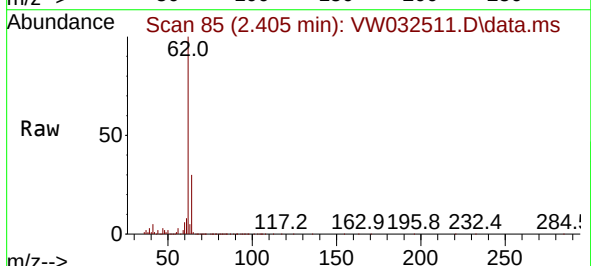
Tgt Ion: 50 Resp: 15658
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

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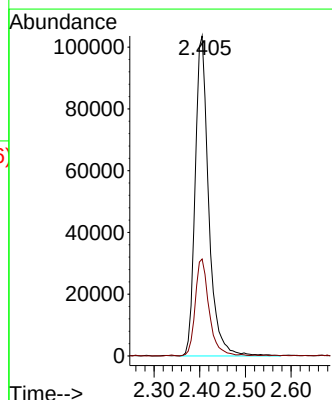
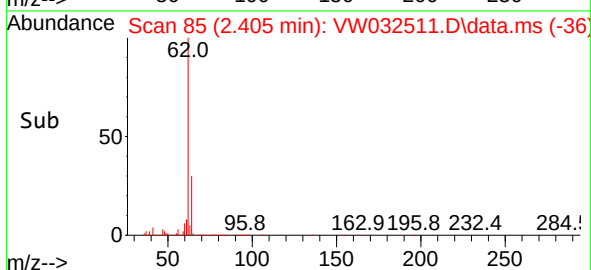
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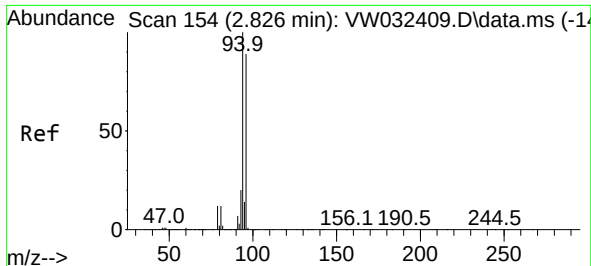


#4
Vinyl Chloride
Concen: 57.554 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



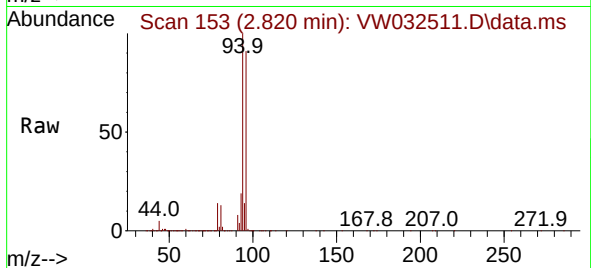
Tgt Ion: 62 Resp: 213075
Ion Ratio Lower Upper
62 100
64 30.2 25.2 37.8





#5
Bromomethane
Concen: 56.991 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

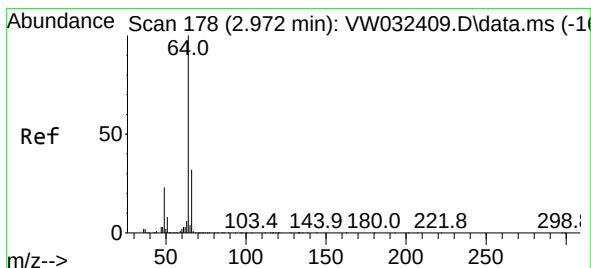
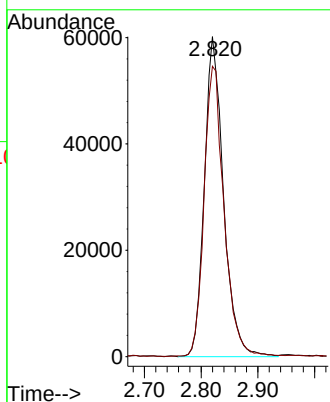
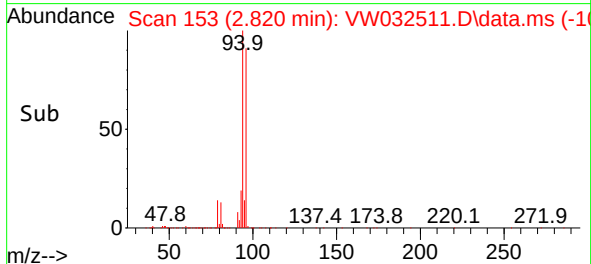
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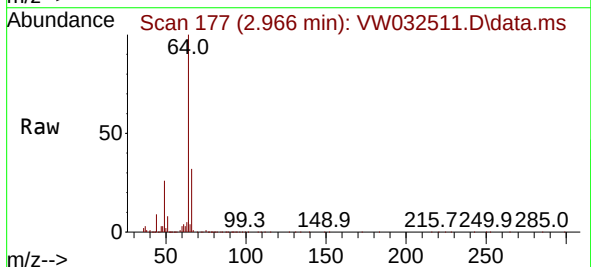
Tgt Ion: 94 Resp: 14113
Ion Ratio Lower Upper
94 100
96 90.5 71.4 107.2

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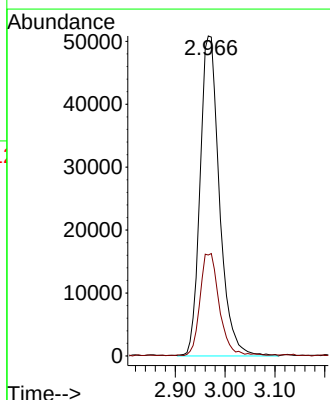
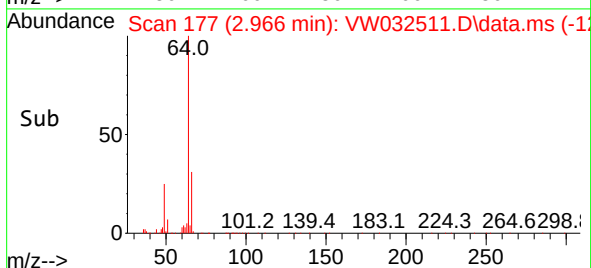
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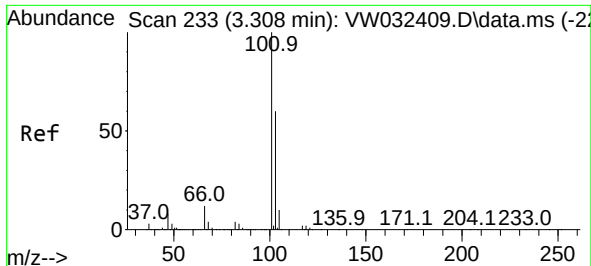


#6
Chloroethane
Concen: 56.616 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032511.D
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Tgt Ion: 64 Resp: 137131
Ion Ratio Lower Upper
64 100
66 31.2 25.6 38.4





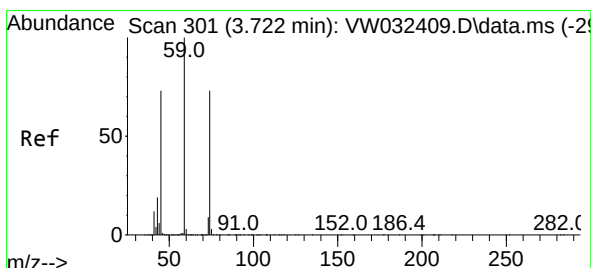
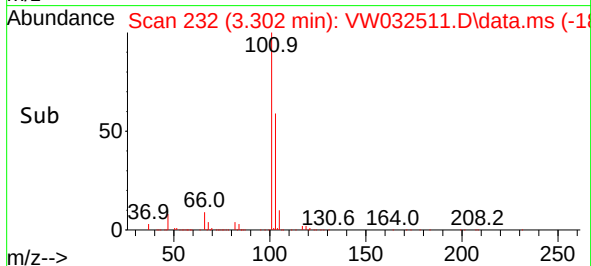
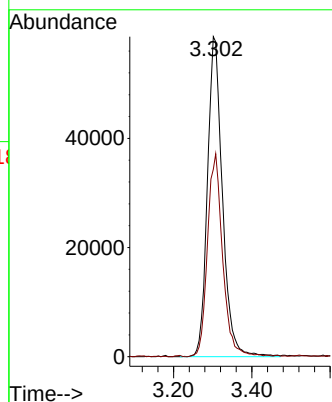
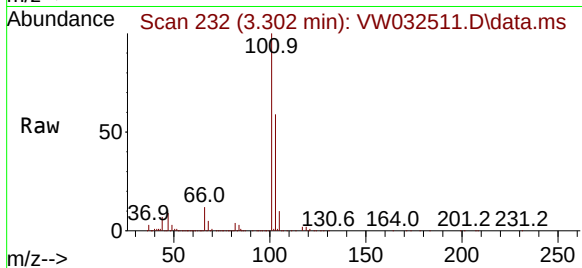
#7
 Trichlorofluoromethane
 Concen: 53.583 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

Instrument :
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 VSTDCCC050

Tgt Ion:101 Resp: 155529
 Ion Ratio Lower Upper
 101 100
 103 58.3 48.0 72.0

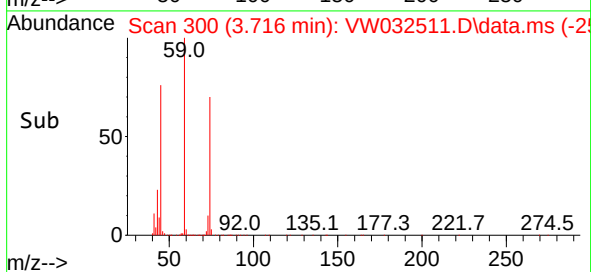
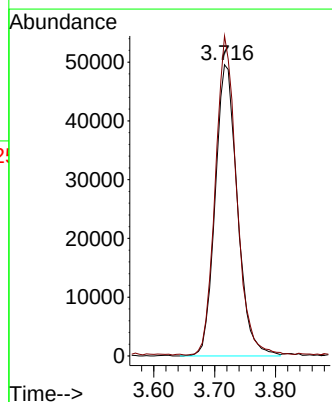
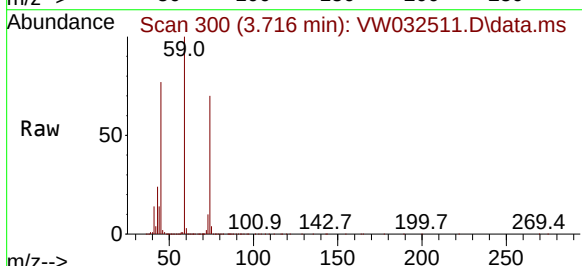
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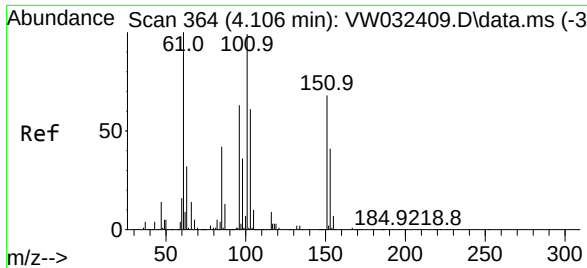
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#8
 Diethyl Ether
 Concen: 52.996 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 125766
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.8 155.4





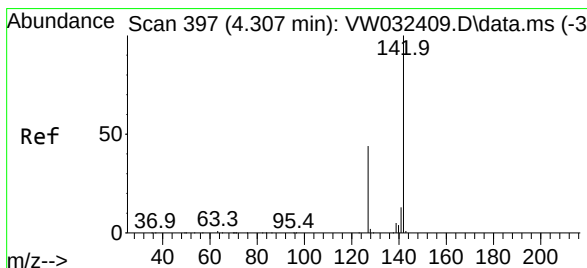
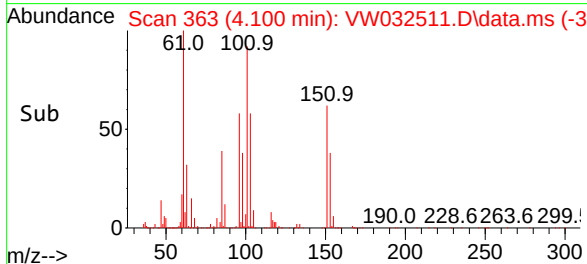
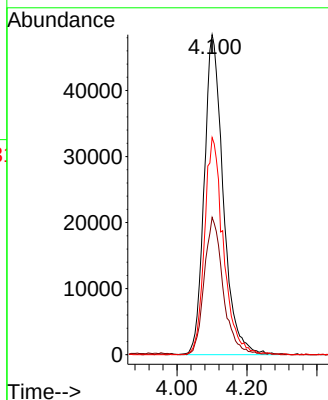
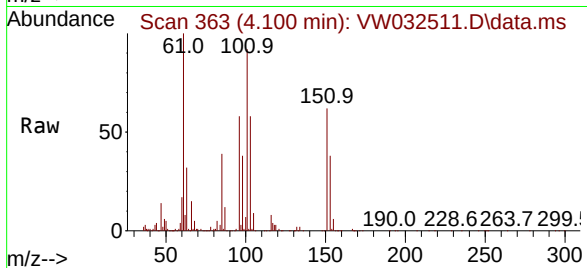
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.817 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 182808
Ion Ratio Lower Upper
101 100
85 42.6 34.1 51.1
151 67.3 56.4 84.6

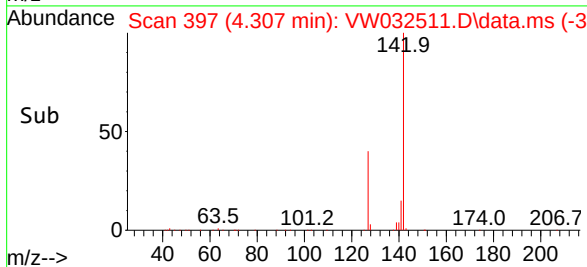
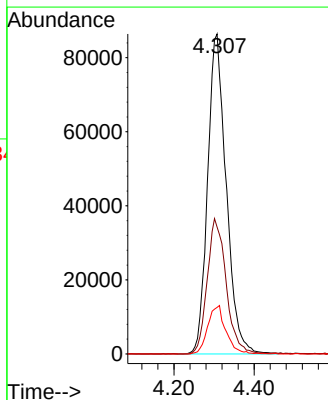
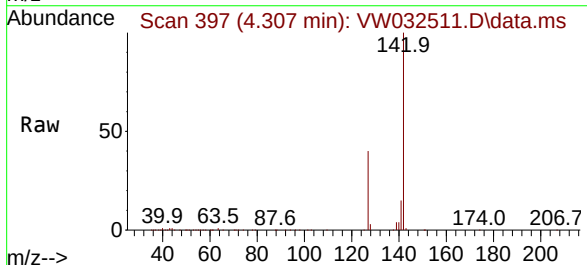
Manual Integrations
APPROVED

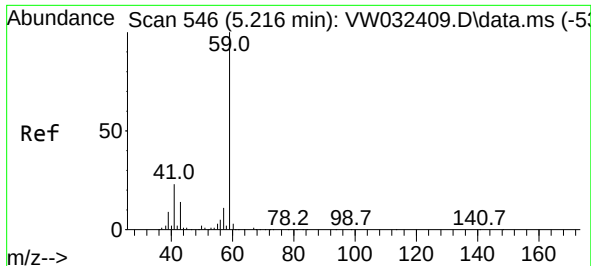
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#10
Methyl Iodide
Concen: 54.641 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

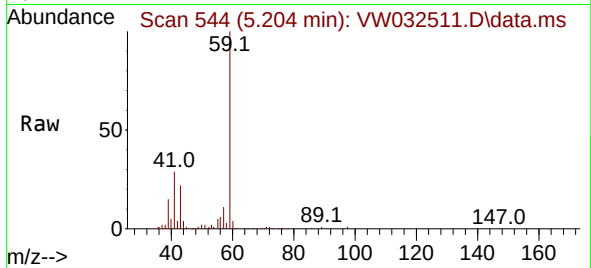
Tgt Ion:142 Resp: 278265
Ion Ratio Lower Upper
142 100
127 43.2 34.2 51.2
141 14.7 11.8 17.8





#11
Tert butyl alcohol
Concen: 222.182 ug/l
RT: 5.204 min Scan# 546
Delta R.T. -0.012 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

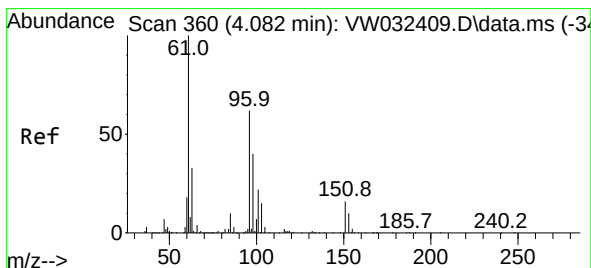
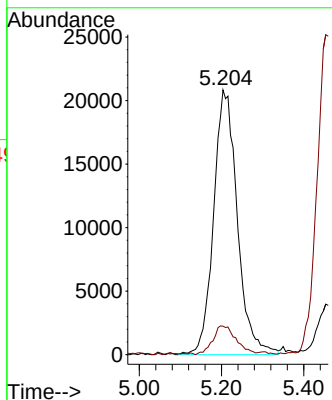
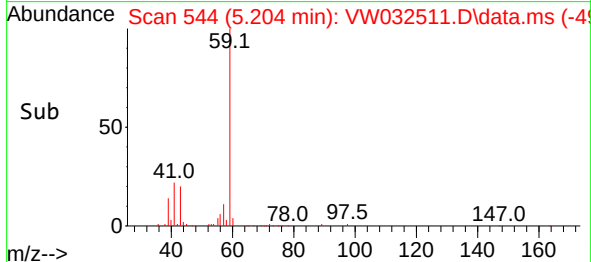
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



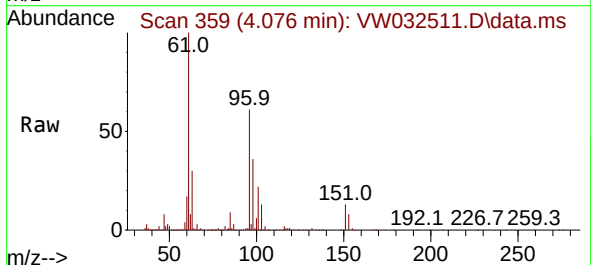
Tgt Ion: 59 Resp: 83549
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
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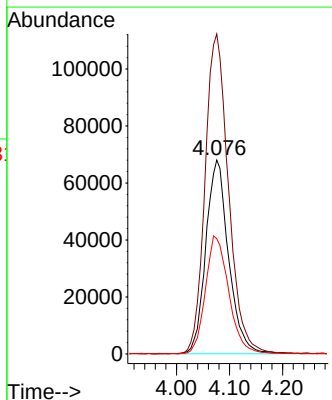
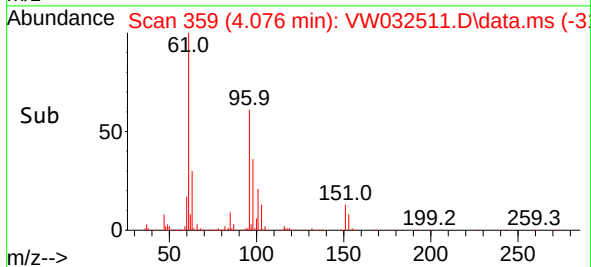
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

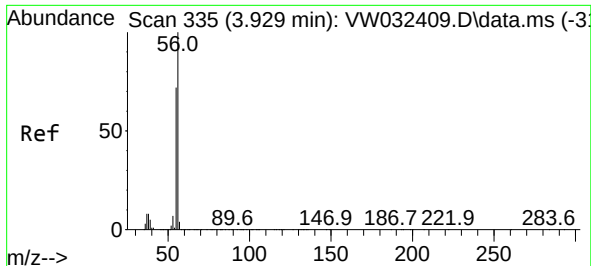


#12
1,1-Dichloroethene
Concen: 55.908 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



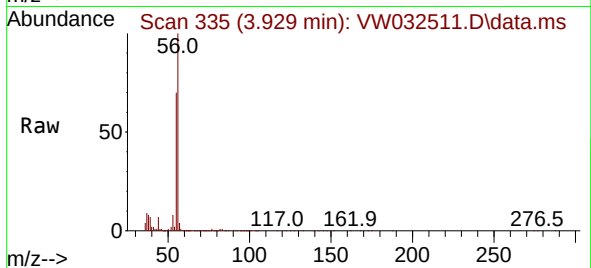
Tgt Ion: 96 Resp: 202701
Ion Ratio Lower Upper
96 100
61 164.9 129.0 193.6
98 59.3 51.1 76.7





#13
Acrolein
Concen: 159.762 ug/l
RT: 3.929 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

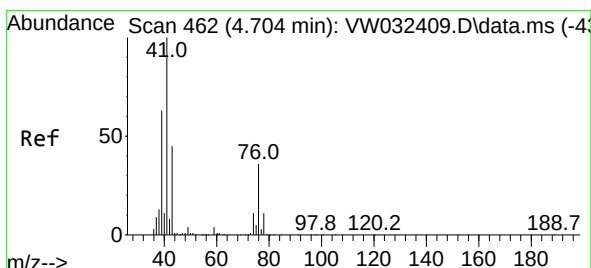
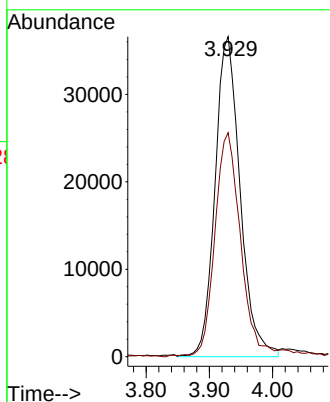
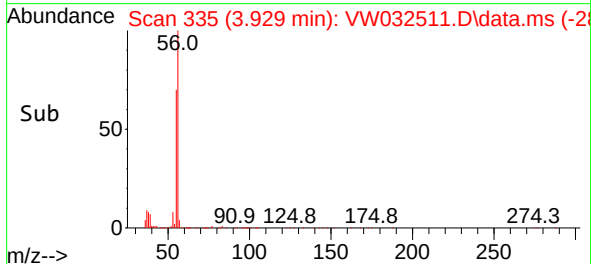
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



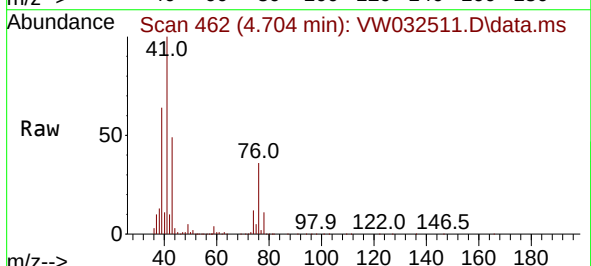
Tgt Ion: 56 Resp: 10079
Ion Ratio Lower Upper
56 100
55 71.5 56.3 84.5

Manual Integrations
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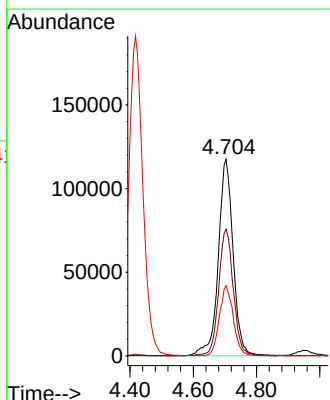
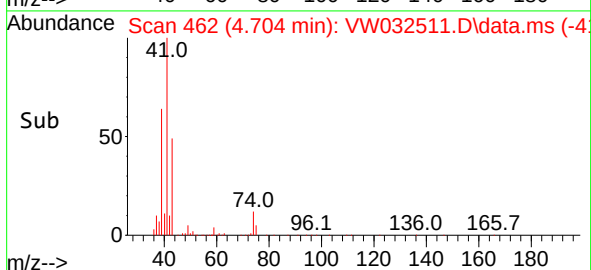
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

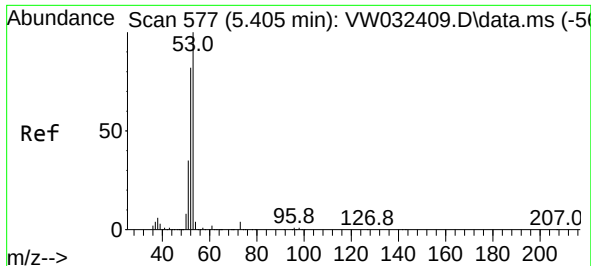


#14
Allyl chloride
Concen: 54.695 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



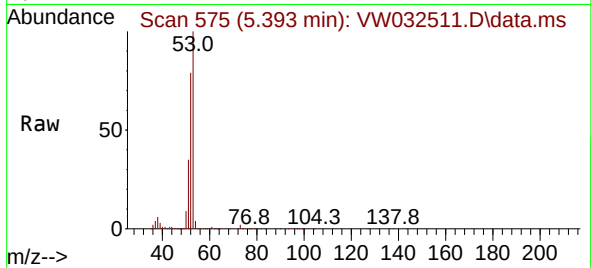
Tgt Ion: 41 Resp: 381345
Ion Ratio Lower Upper
41 100
39 63.7 50.2 75.2
76 33.3 27.0 40.6





#15
Acrylonitrile
Concen: 270.630 ug/l
RT: 5.393 min Scan# 513
Delta R.T. -0.012 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

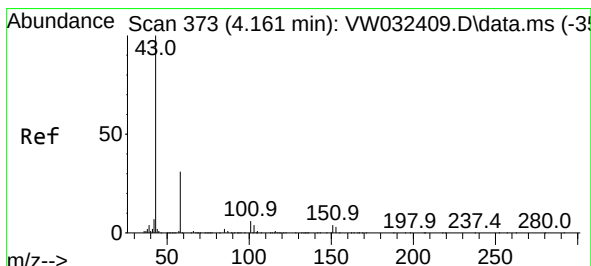
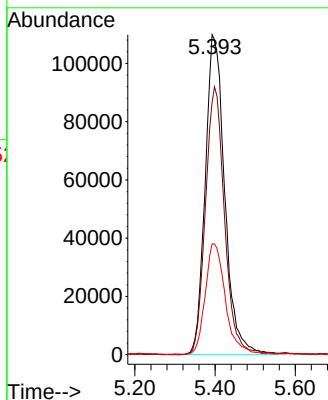
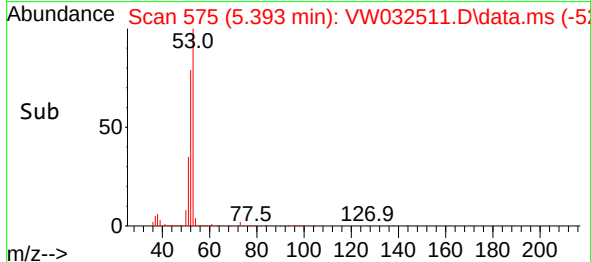
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



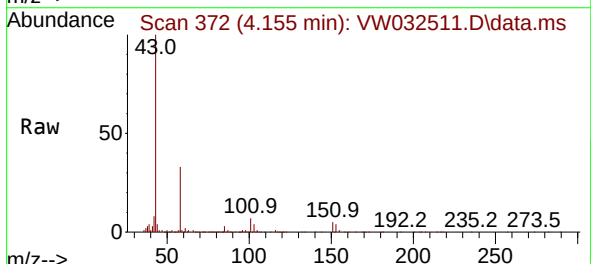
Tgt Ion: 53 Resp: 37133
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 35.6 28.6 43.0

Manual Integrations
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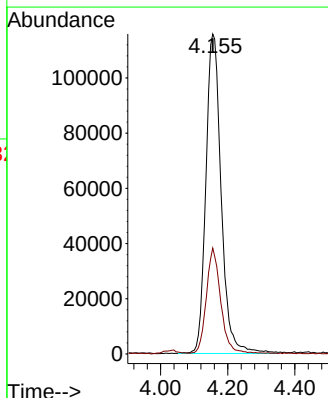
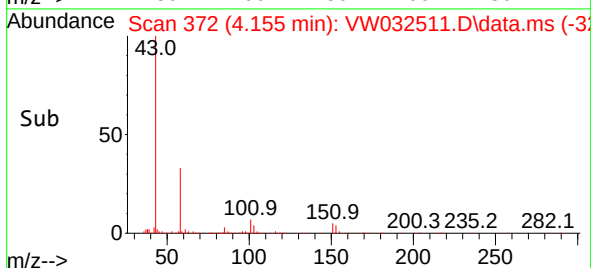
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

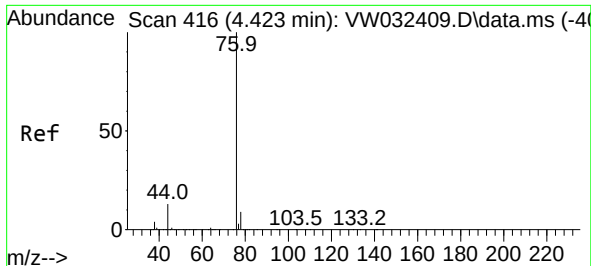


#16
Acetone
Concen: 282.018 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion: 43 Resp: 366918
Ion Ratio Lower Upper
43 100
58 33.0 24.8 37.2





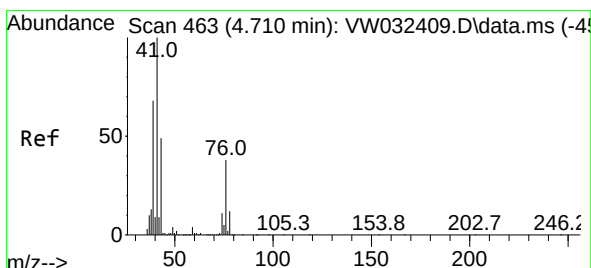
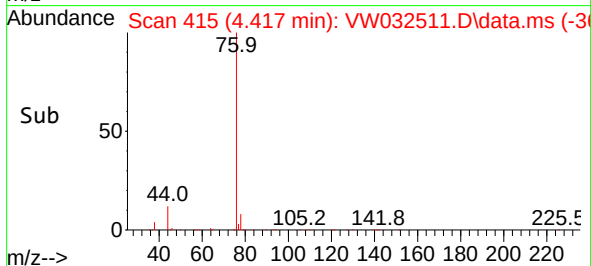
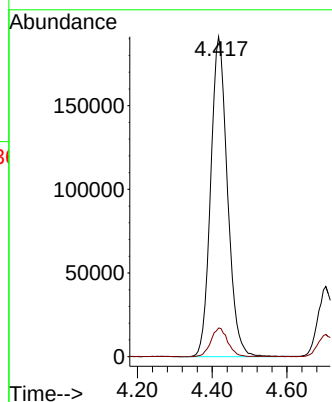
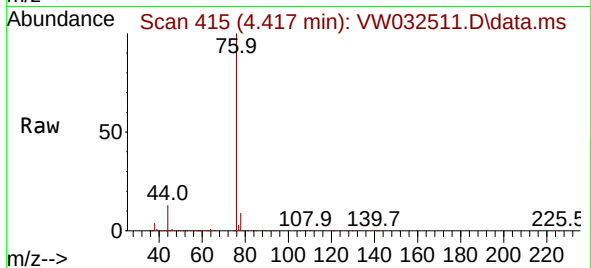
#17
Carbon Disulfide
Concen: 55.521 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 594959
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

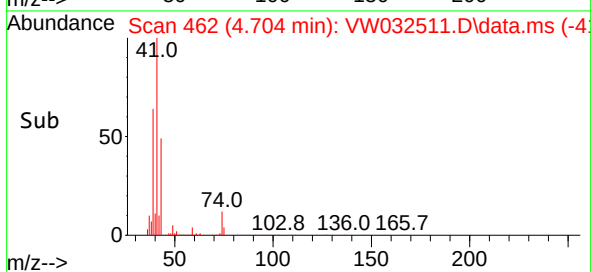
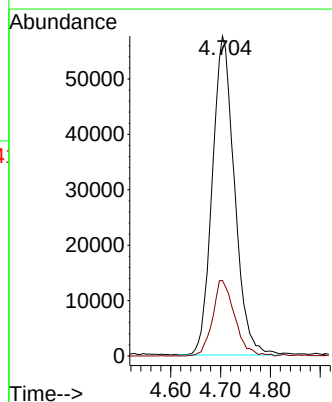
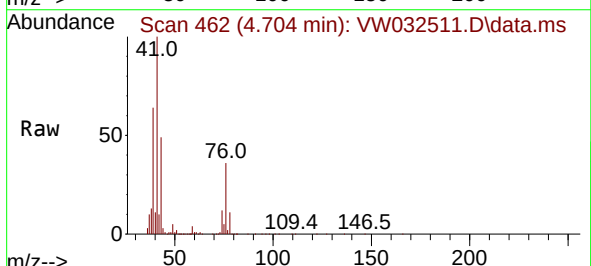
Manual Integrations
APPROVED

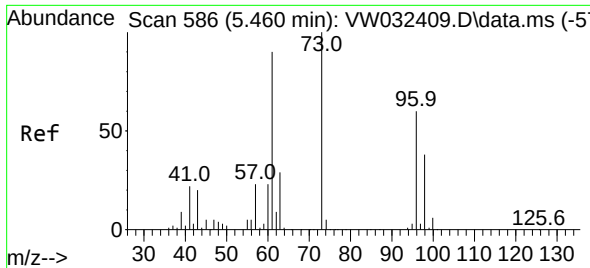
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#18
Methyl Acetate
Concen: 55.375 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

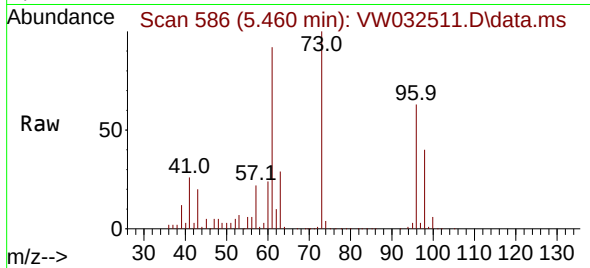
Tgt Ion: 43 Resp: 178408
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 53.121 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

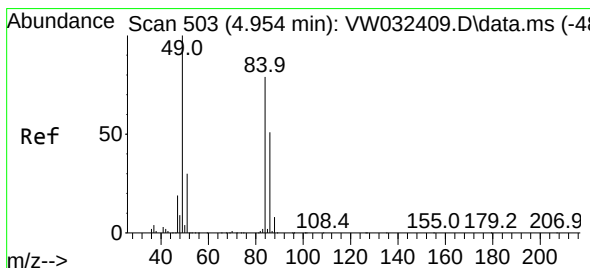
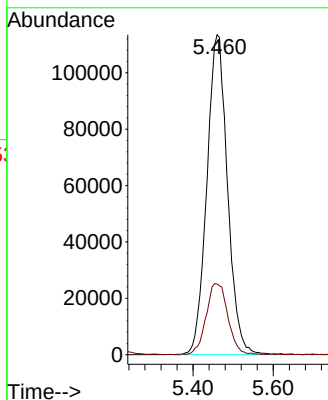
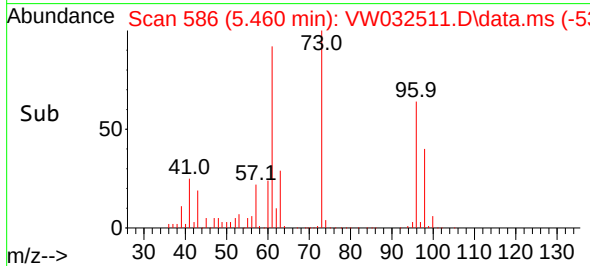
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



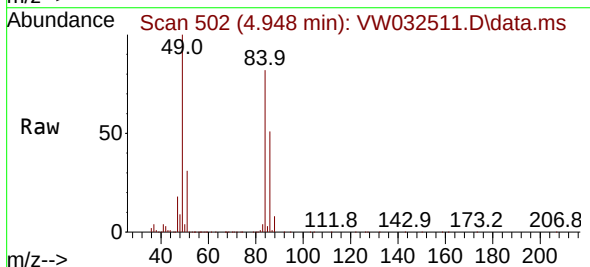
Tgt Ion: 73 Resp: 40598
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

Manual Integrations
APPROVED

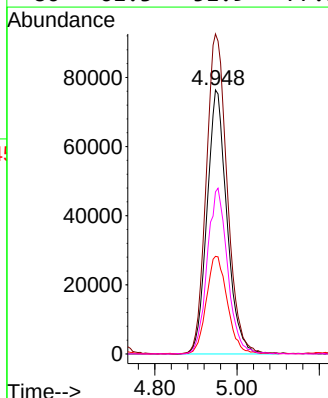
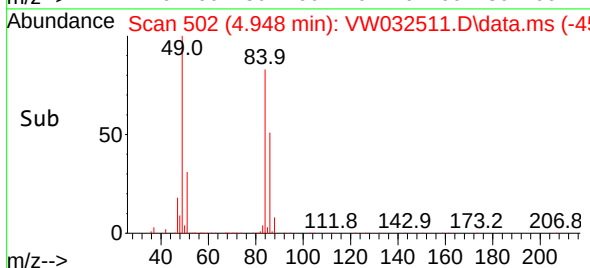
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

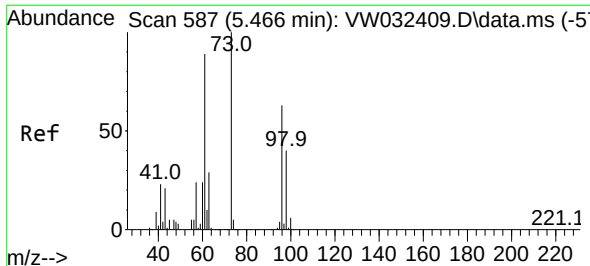


#20
Methylene Chloride
Concen: 55.244 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



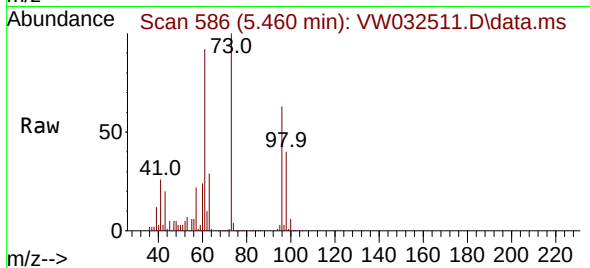
Tgt Ion: 84 Resp: 257041
Ion Ratio Lower Upper
84 100
49 121.2 101.5 152.3
51 36.9 30.6 46.0
86 61.3 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 56.040 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

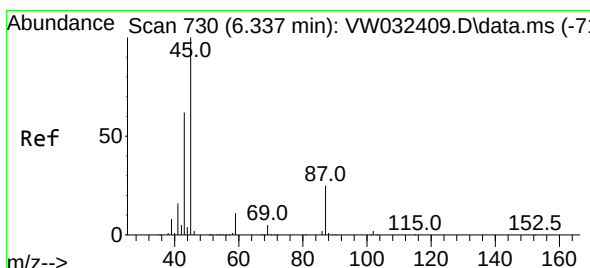
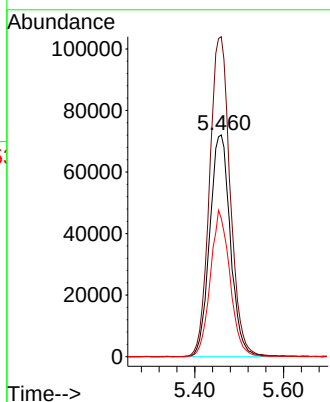
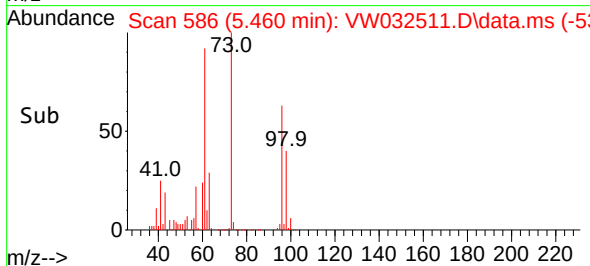
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 23232
Ion Ratio Lower Upper
96 100
61 144.1 112.5 168.7
98 62.4 51.1 76.7

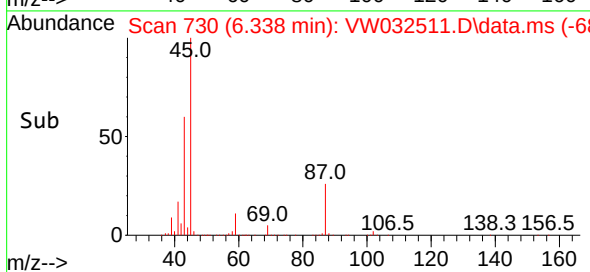
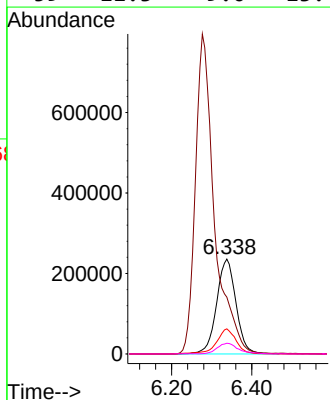
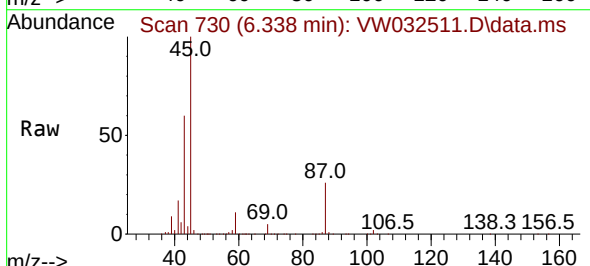
Manual Integrations
APPROVED

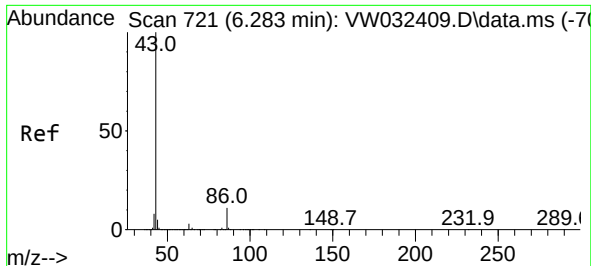
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#22
Diisopropyl ether
Concen: 55.658 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

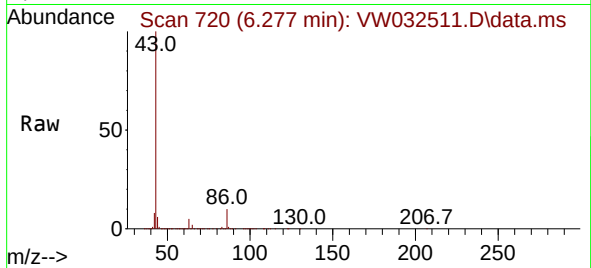
Tgt Ion: 45 Resp: 790107
Ion Ratio Lower Upper
45 100
43 59.6 49.4 74.2
87 26.4 20.1 30.1
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 268.755 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

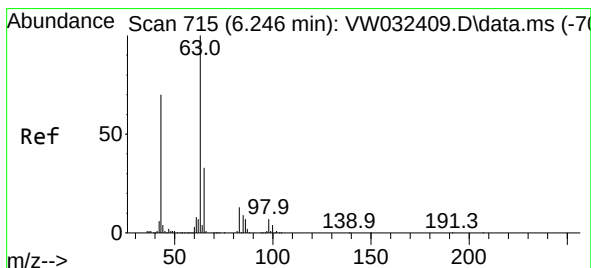
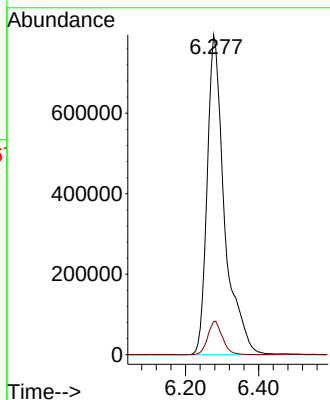
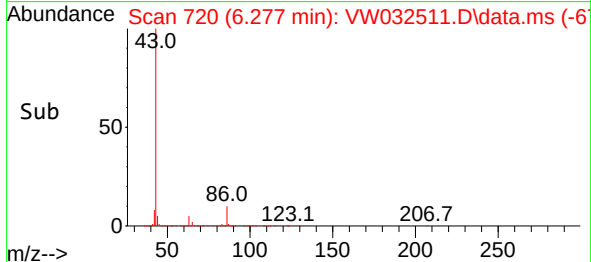
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 261391
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8

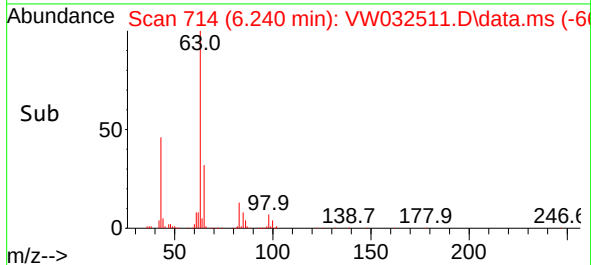
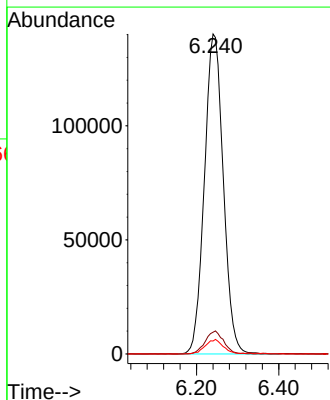
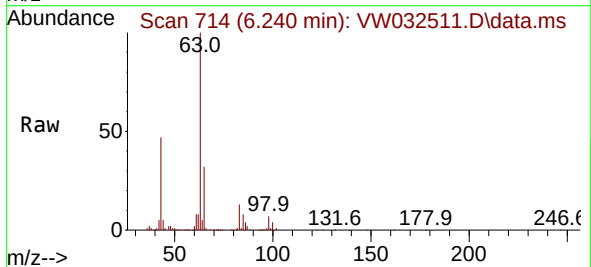
Manual Integrations
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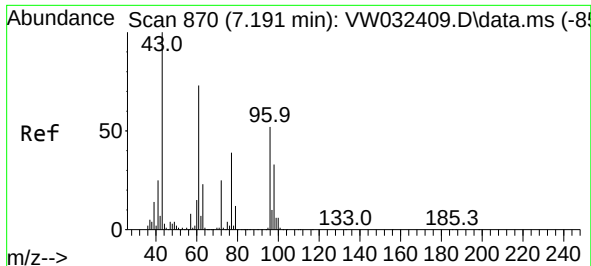
Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025



#24
 1,1-Dichloroethane
 Concen: 57.546 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

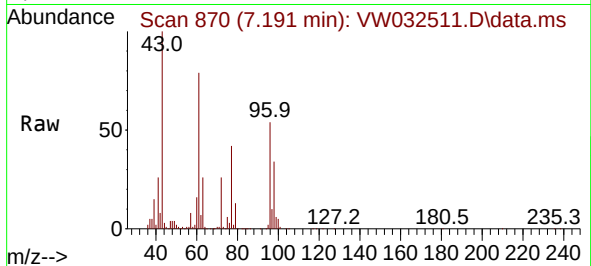
Tgt Ion: 63 Resp: 447570
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 260.007 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

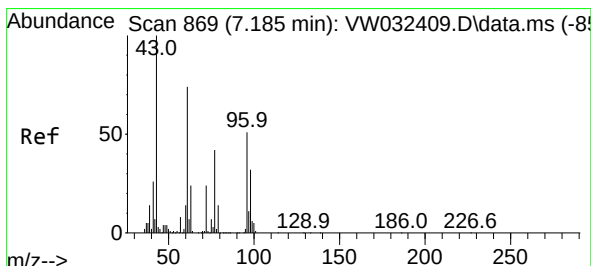
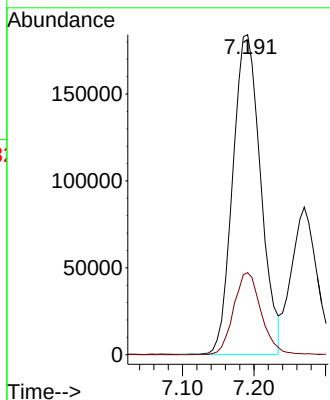
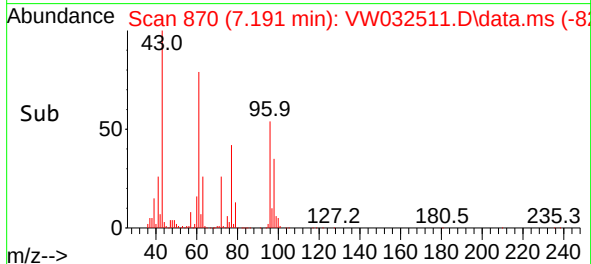
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



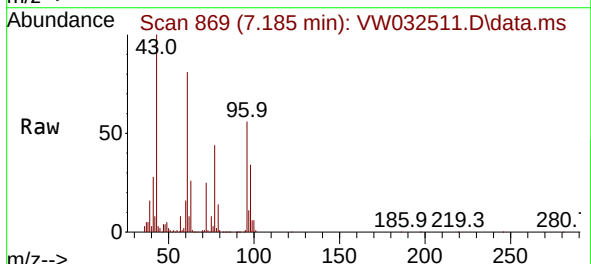
Tgt Ion: 43 Resp: 498372
Ion Ratio Lower Upper
43 100
72 25.7 20.0 30.0

Manual Integrations
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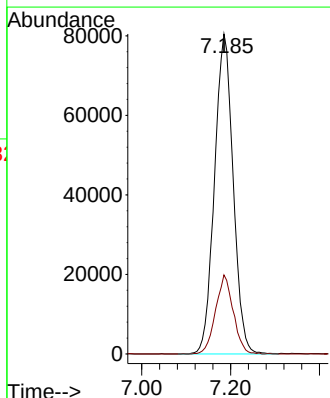
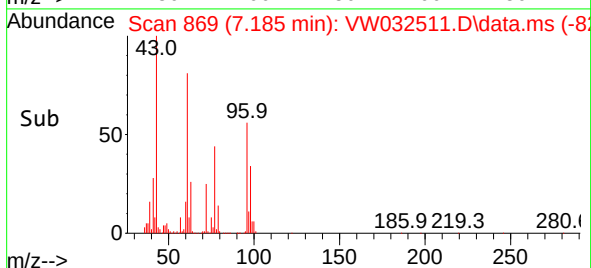
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

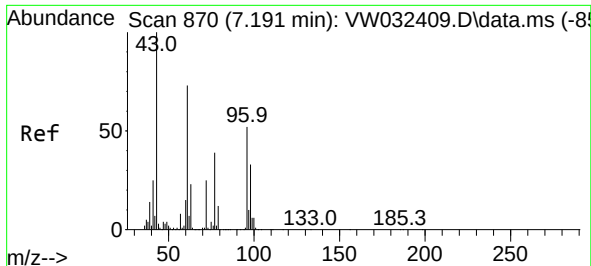


#26
2,2-Dichloropropane
Concen: 53.993 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion: 77 Resp: 234037
Ion Ratio Lower Upper
77 100
97 23.4 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 55.317 ug/l

RT: 7.185 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 274018

Ion Ratio Lower Upper

96 100

61 144.3 0.0 282.6

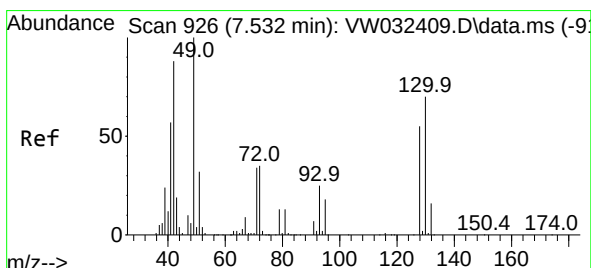
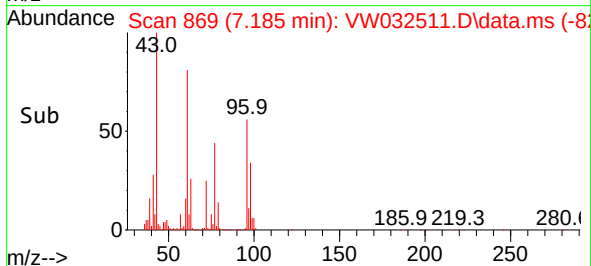
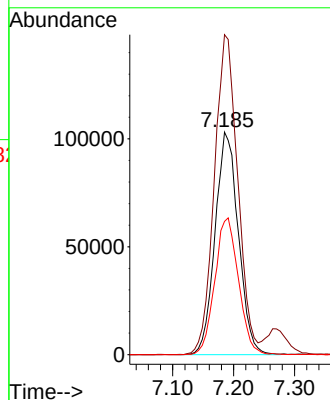
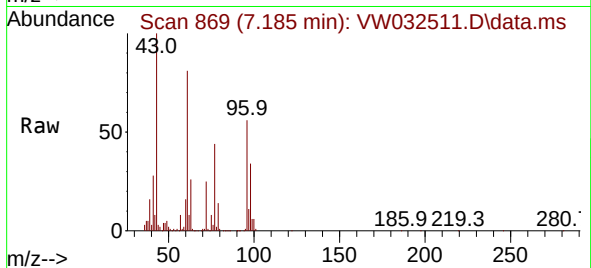
98 62.5 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#28

Bromochloromethane

Concen: 55.533 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

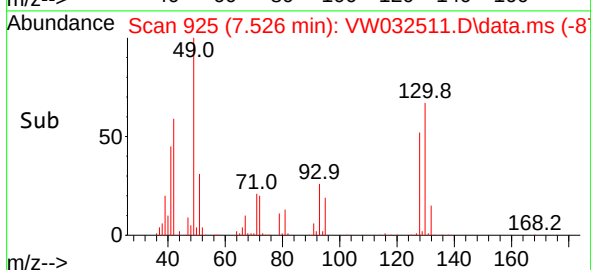
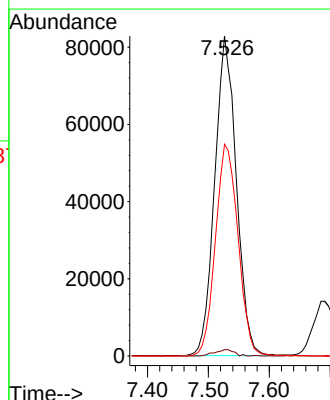
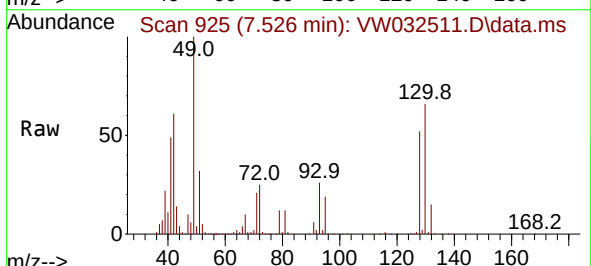
Tgt Ion: 49 Resp: 204138

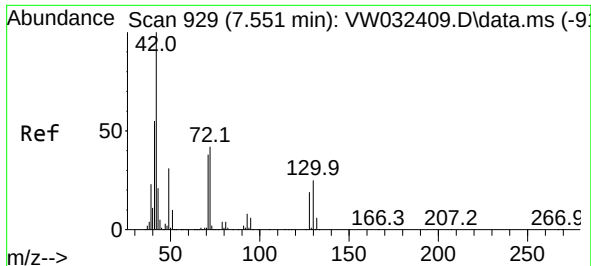
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.2 56.9 85.3





#29

Tetrahydrofuran

Concen: 268.576 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

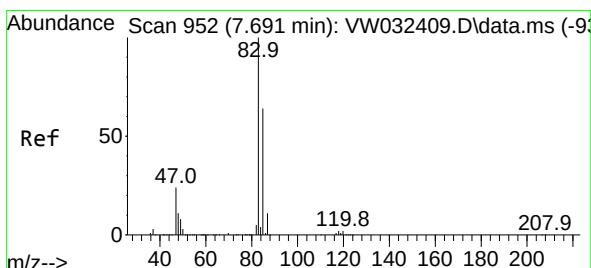
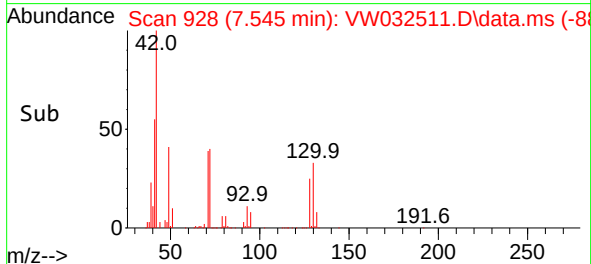
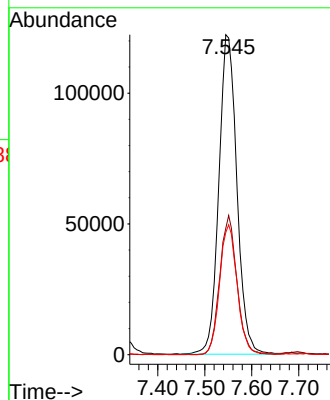
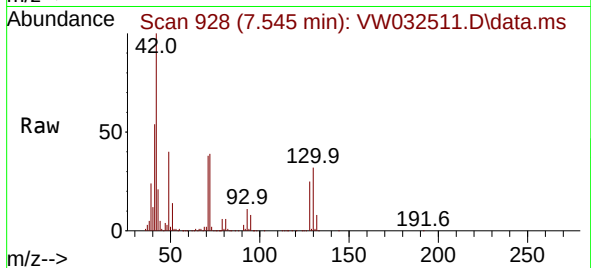
Tgt Ion: 42 Resp: 326740
 Ion Ratio Lower Upper
 42 100
 72 41.6 33.6 50.4
 71 39.6 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#30

Chloroform

Concen: 58.379 ug/l

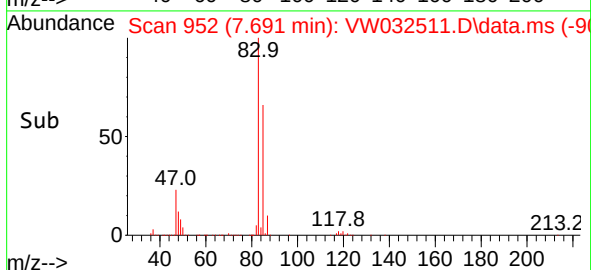
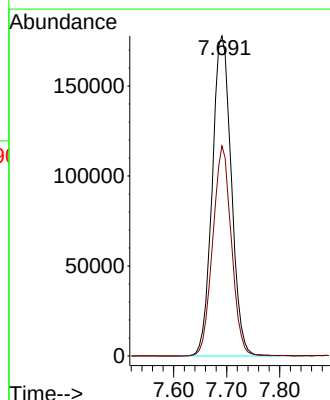
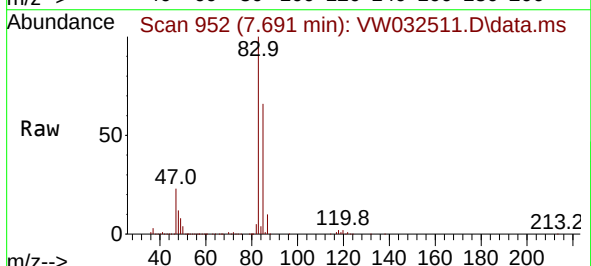
RT: 7.691 min Scan# 952

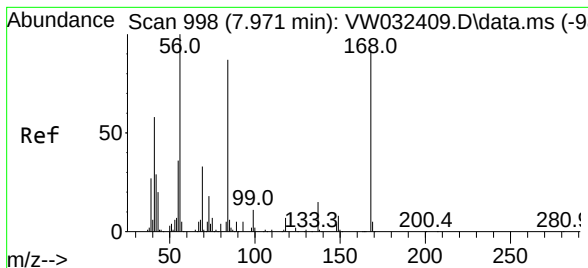
Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

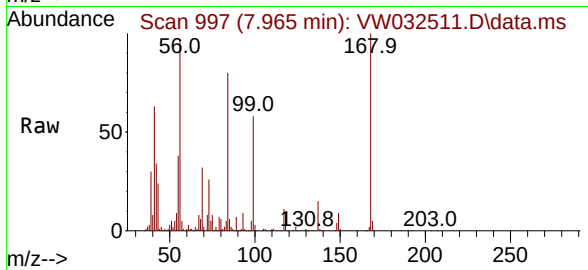
Tgt Ion: 83 Resp: 444493
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.0 76.4





#31
Cyclohexane
Concen: 52.328 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

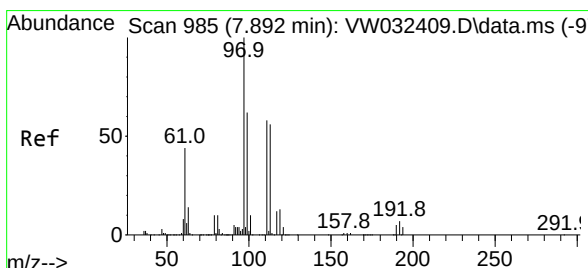
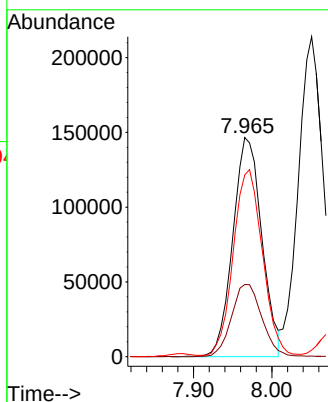
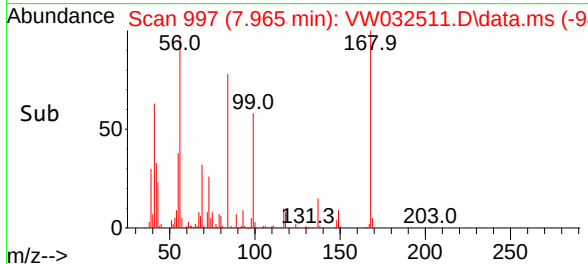
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 376474
Ion Ratio Lower Upper
56 100
69 32.9 26.5 39.7
84 81.5 69.6 104.4

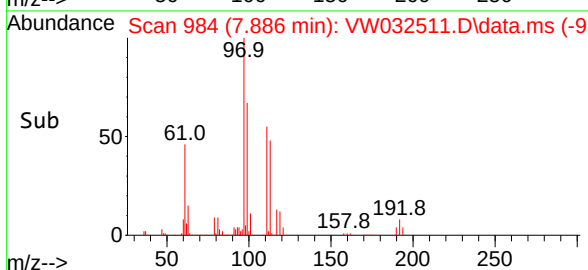
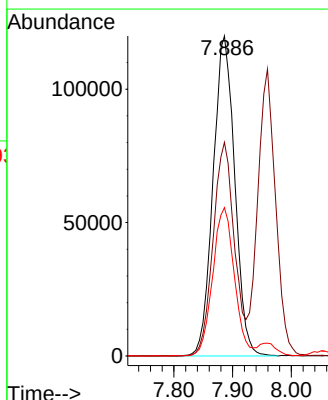
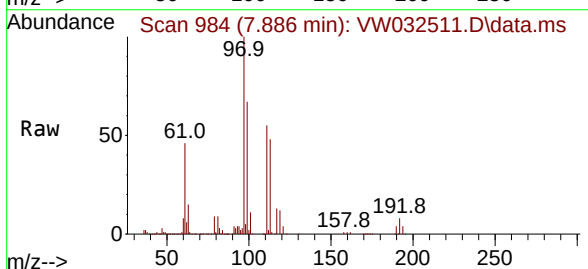
Manual Integrations
APPROVED

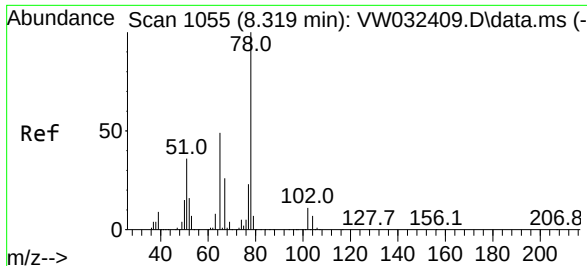
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#32
1,1,1-Trichloroethane
Concen: 56.471 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

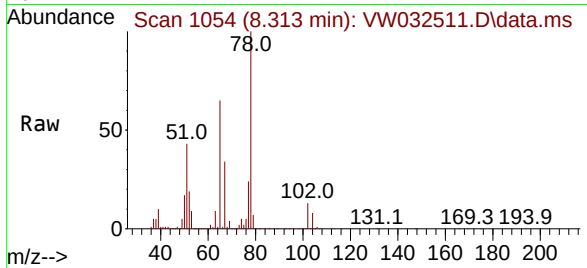
Tgt Ion: 97 Resp: 307154
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 46.3 35.5 53.3





#33
 1,2-Dichloroethane-d4
 Concen: 52.855 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

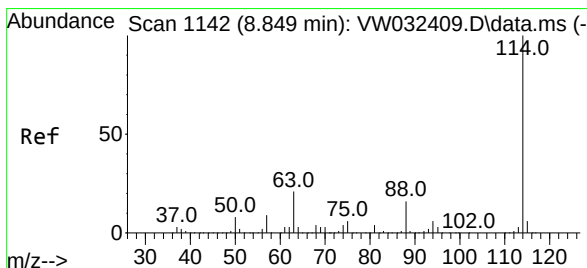
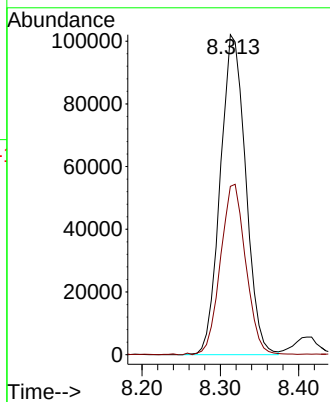
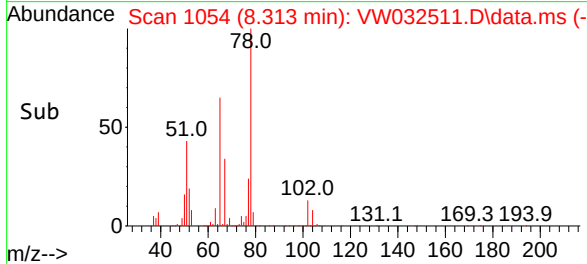
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



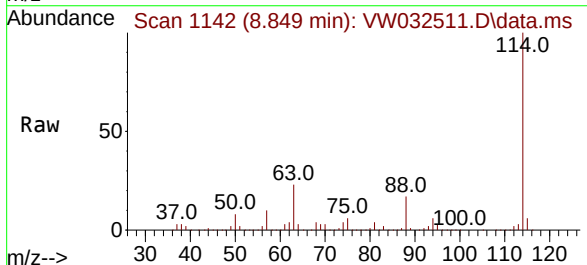
Tgt Ion: 65 Resp: 229850
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8

Manual Integrations
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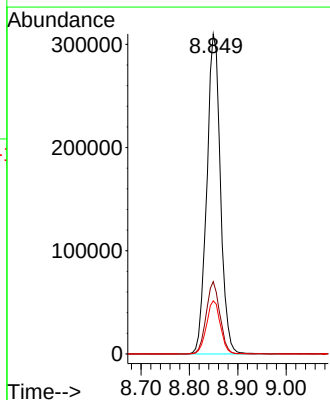
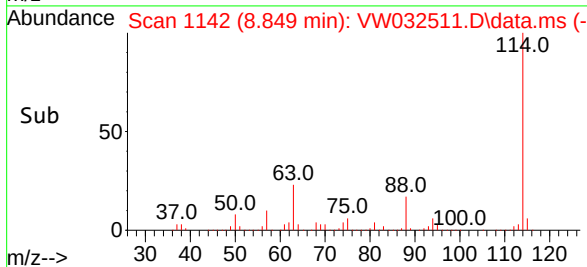
Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

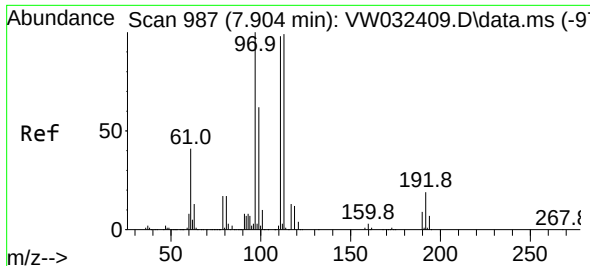


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15



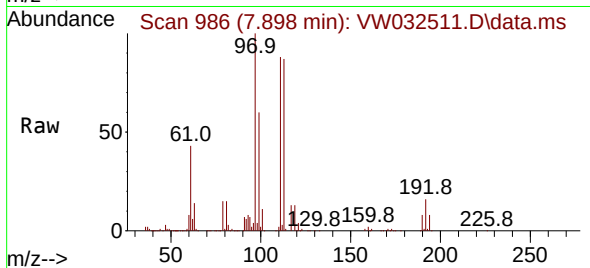
Tgt Ion:114 Resp: 607386
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 41.8
 88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.319 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

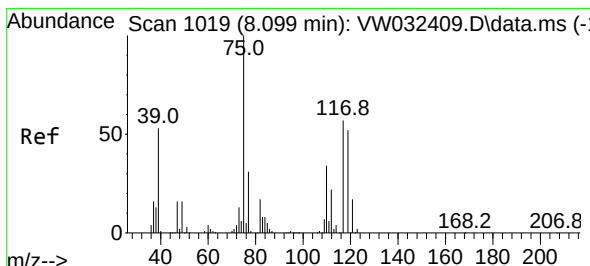
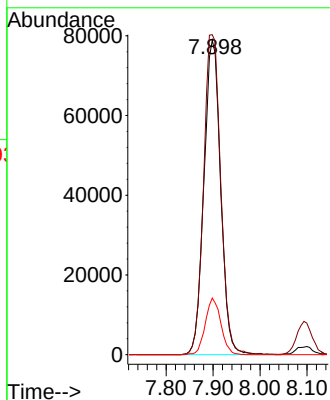
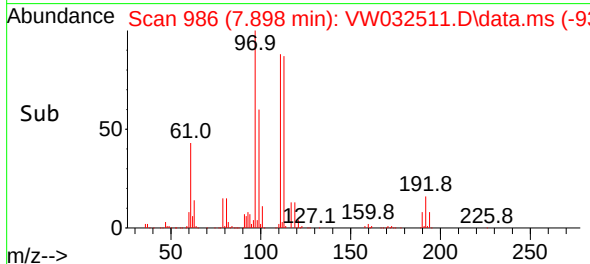
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 19389
Ion Ratio Lower Upper
113 100
111 104.5 83.1 124.7
192 16.8 13.4 20.2

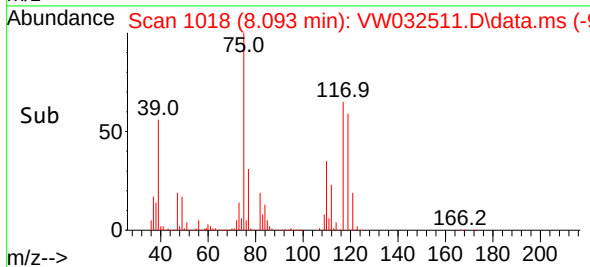
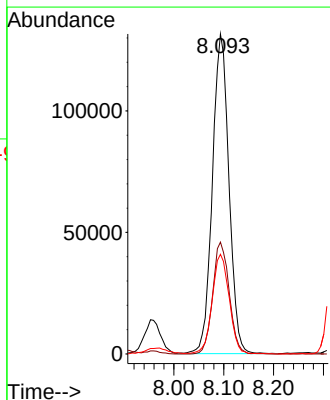
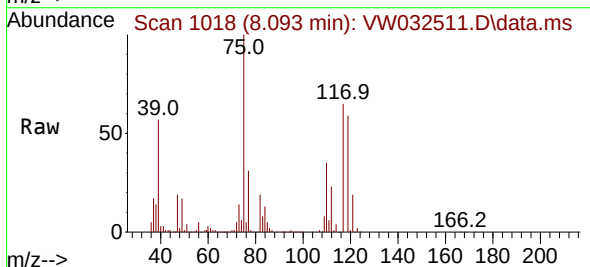
Manual Integrations
APPROVED

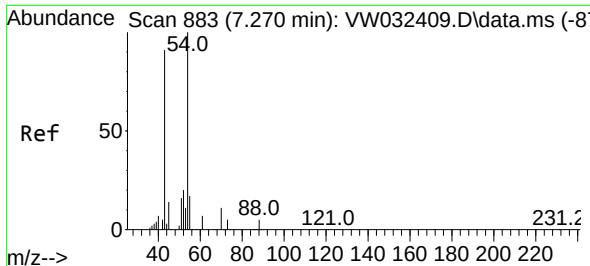
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#36
1,1-Dichloropropene
Concen: 56.640 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

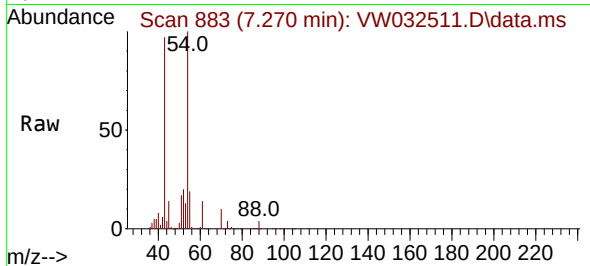
Tgt Ion: 75 Resp: 303484
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.5
77 31.8 24.5 36.7





#37
Ethyl Acetate
Concen: 54.952 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

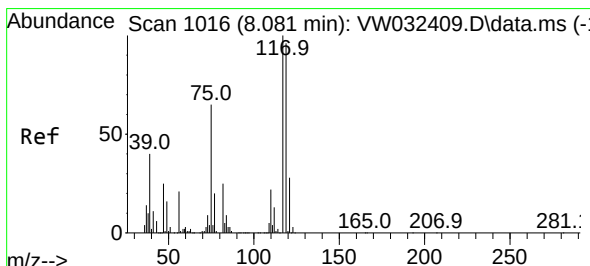
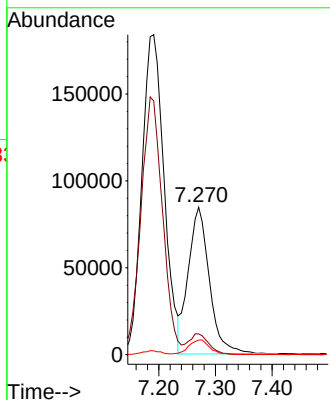
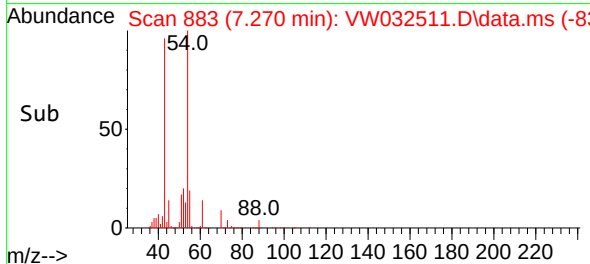
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



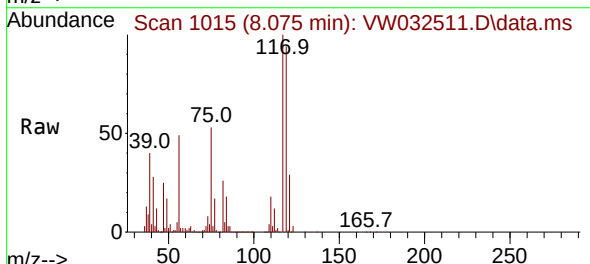
Tgt Ion: 43 Resp: 21894
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.6
70 9.9 8.3 12.5

Manual Integrations
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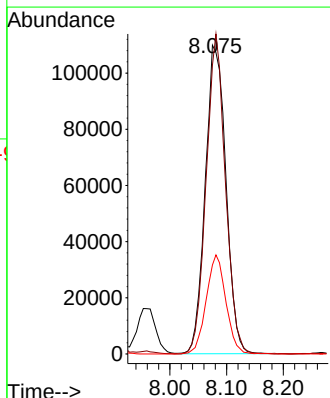
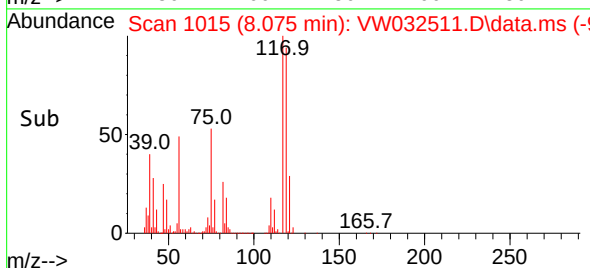
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

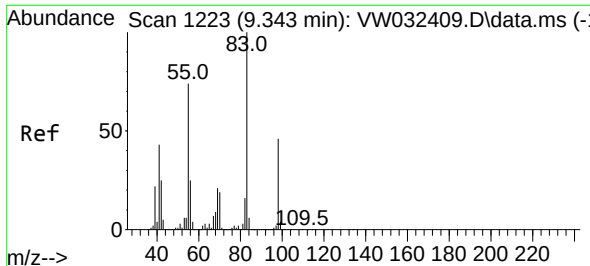


#38
Carbon Tetrachloride
Concen: 58.538 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



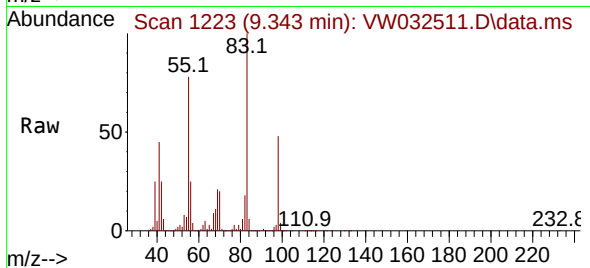
Tgt Ion:117 Resp: 278693
Ion Ratio Lower Upper
117 100
119 93.6 77.0 115.4
121 28.8 22.0 33.0





#39
Methylcyclohexane
Concen: 55.530 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

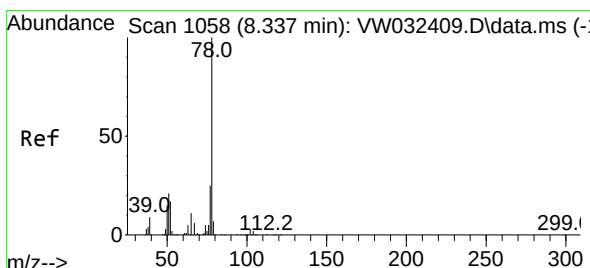
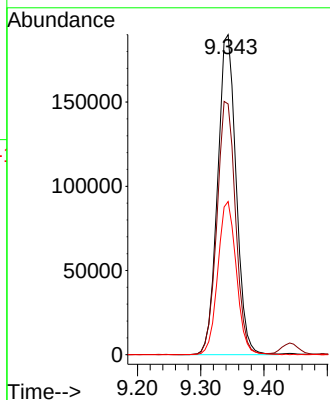
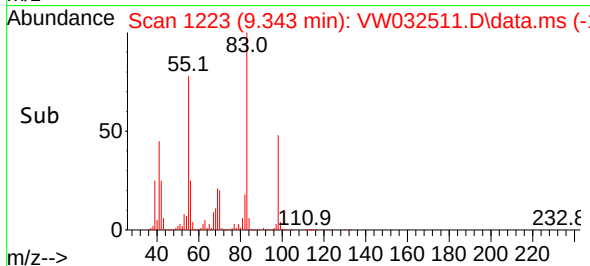
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



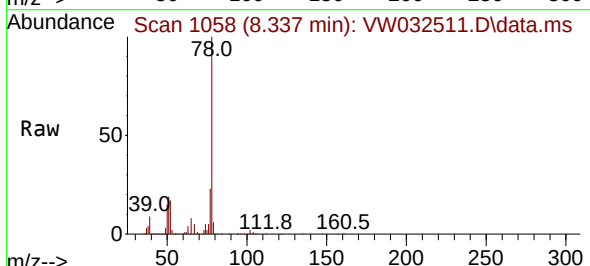
Tgt Ion: 83 Resp: 38545
Ion Ratio Lower Upper
83 100
55 78.3 59.2 88.8
98 47.8 36.6 54.8

Manual Integrations
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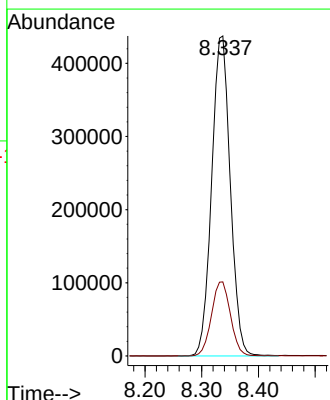
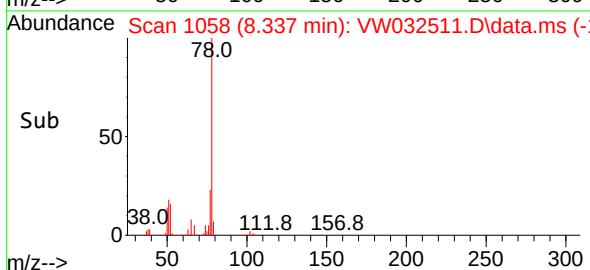
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

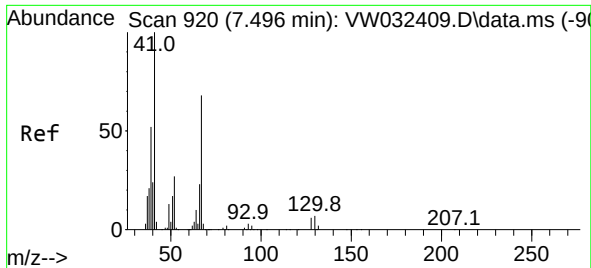


#40
Benzene
Concen: 57.703 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion: 78 Resp: 995668
Ion Ratio Lower Upper
78 100
77 23.1 19.6 29.4





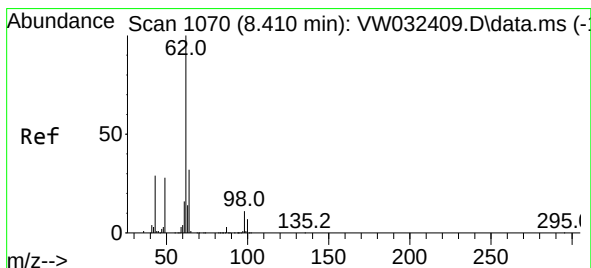
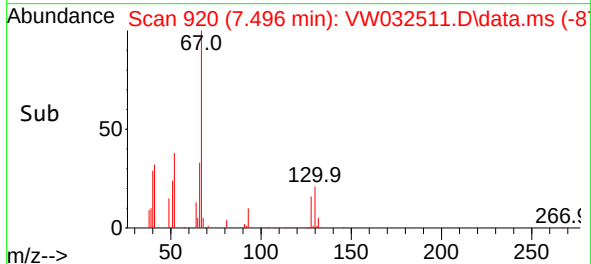
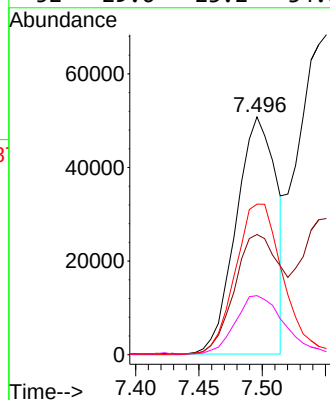
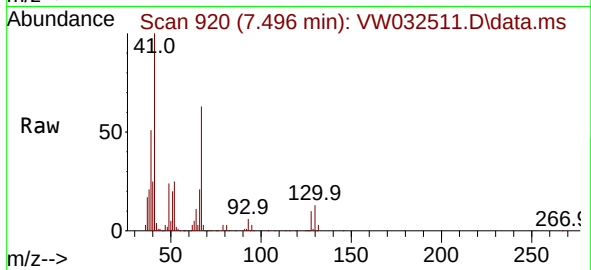
#41
Methacrylonitrile
Concen: 51.355 ug/l
RT: 7.496 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 112395
Ion Ratio Lower Upper
41 100
39 58.7 44.6 66.8
67 75.2 57.6 86.4
52 29.6 23.2 34.8

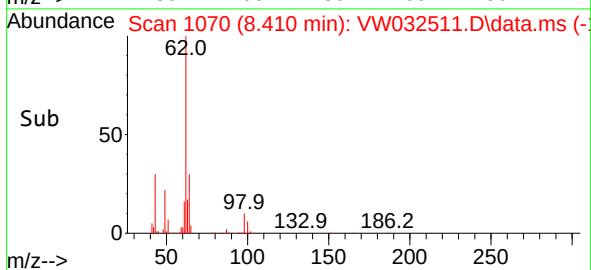
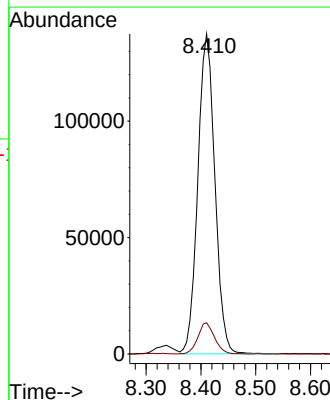
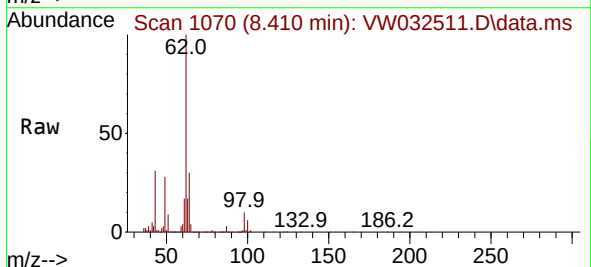
Manual Integrations
APPROVED

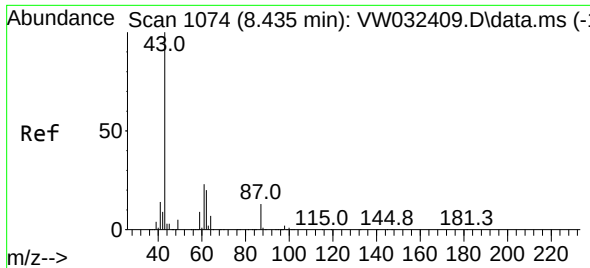
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#42
1,2-Dichloroethane
Concen: 58.647 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

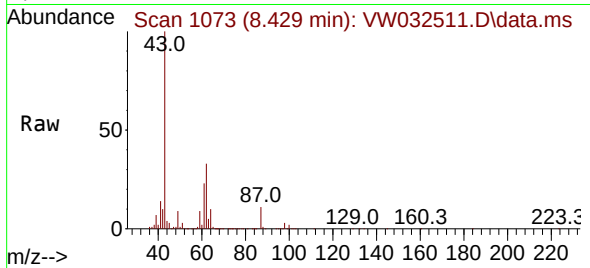
Tgt Ion: 62 Resp: 297240
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 53.102 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

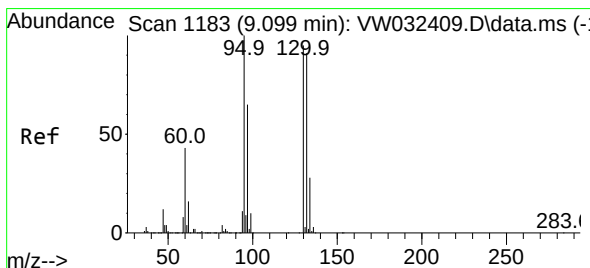
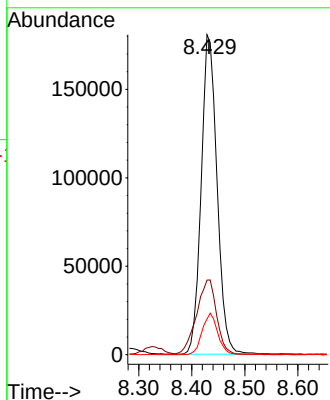
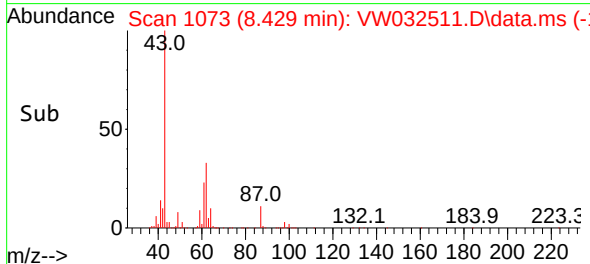
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



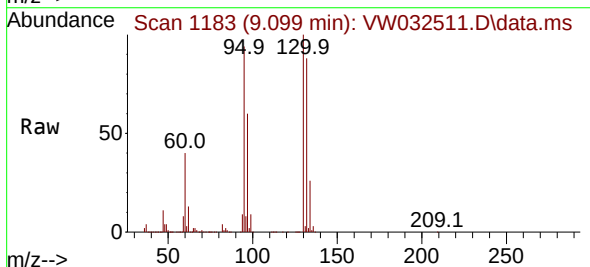
Tgt Ion: 43 Resp: 37463
Ion Ratio Lower Upper
43 100
61 29.7 22.6 33.8
87 12.8 10.6 15.8

Manual Integrations
APPROVED

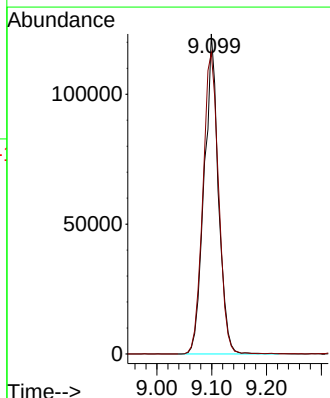
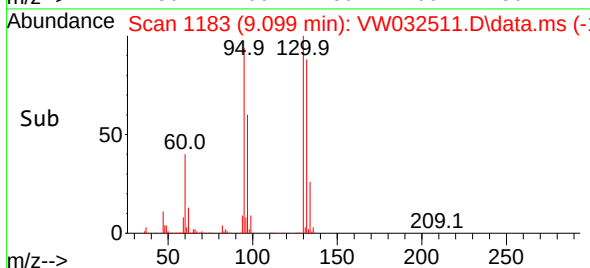
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

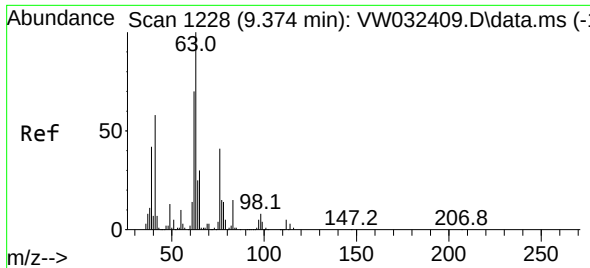


#44
Trichloroethene
Concen: 54.927 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



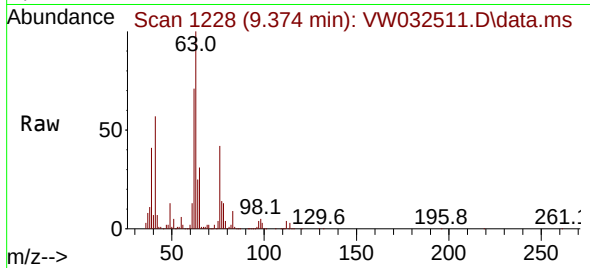
Tgt Ion:130 Resp: 220539
Ion Ratio Lower Upper
130 100
95 94.1 0.0 209.6





#45
1,2-Dichloropropane
Concen: 57.842 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

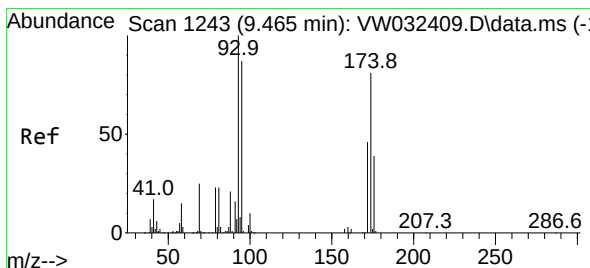
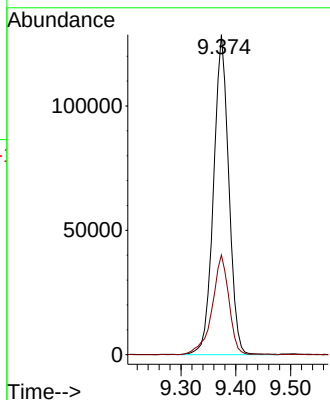
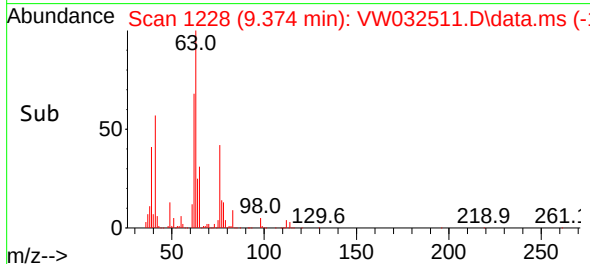
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



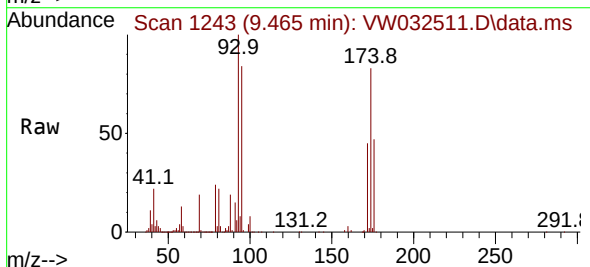
Tgt Ion: 63 Resp: 24852
Ion Ratio Lower Upper
63 100
65 31.2 24.4 36.6

Manual Integrations
APPROVED

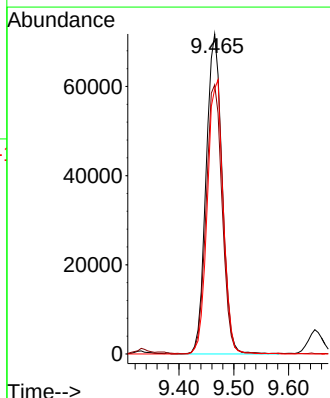
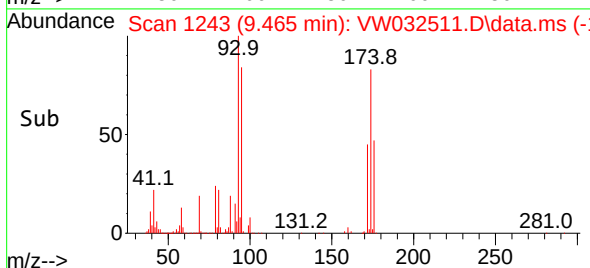
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

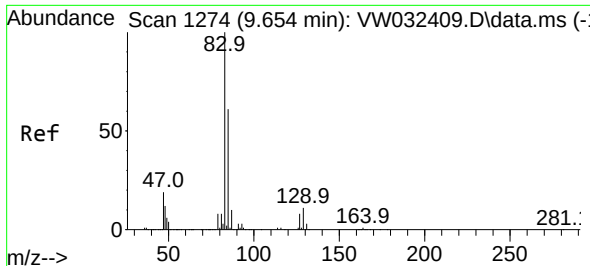


#46
Dibromomethane
Concen: 57.953 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



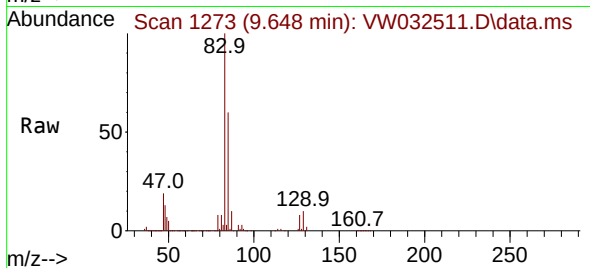
Tgt Ion: 93 Resp: 145504
Ion Ratio Lower Upper
93 100
95 83.9 67.1 100.7
174 84.7 68.2 102.4





#47
Bromodichloromethane
Concen: 57.226 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

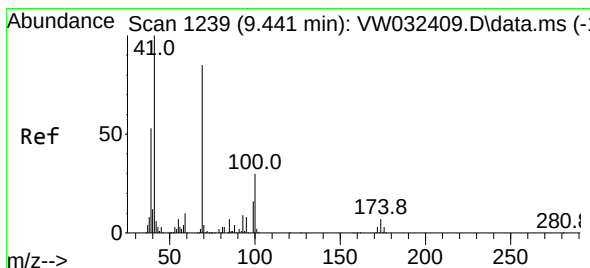
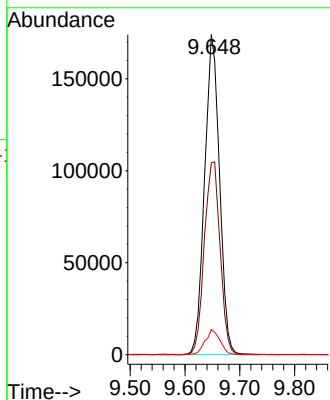
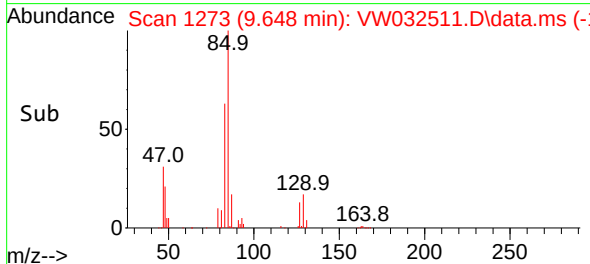
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 327748
Ion Ratio Lower Upper
83 100
85 60.0 48.7 73.1
127 7.9 6.3 9.5

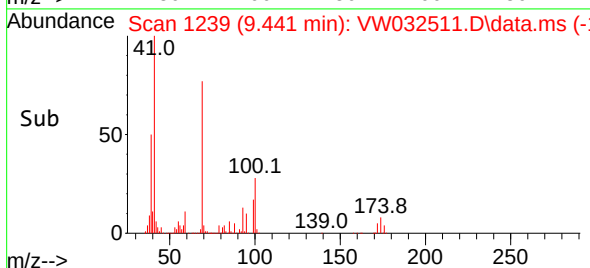
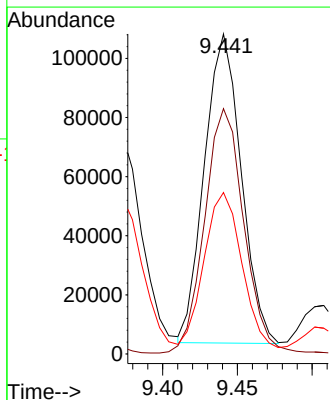
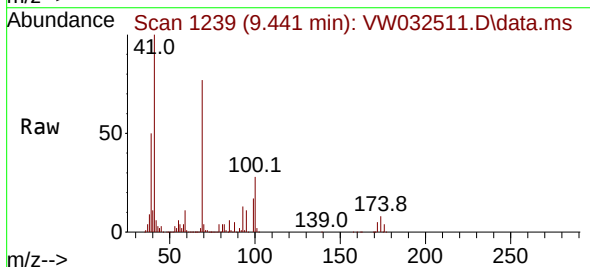
Manual Integrations
APPROVED

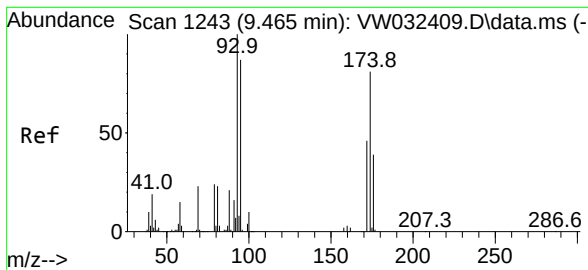
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#48
Methyl methacrylate
Concen: 53.350 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

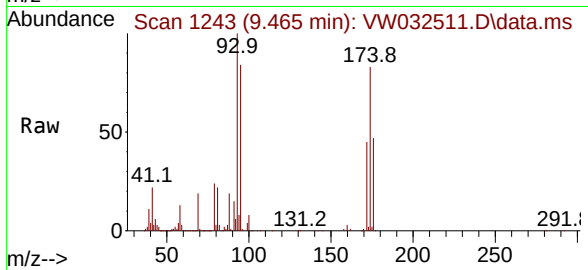
Tgt Ion: 41 Resp: 178851
Ion Ratio Lower Upper
41 100
69 84.8 65.8 98.6
39 50.9 38.6 57.8





#49
 1,4-Dioxane
 Concen: 1123.577 ug/l
 RT: 9.465 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

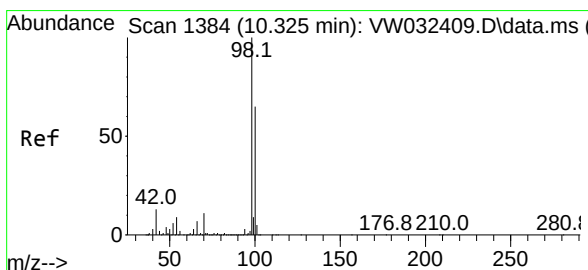
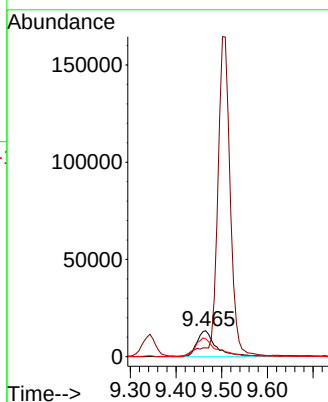
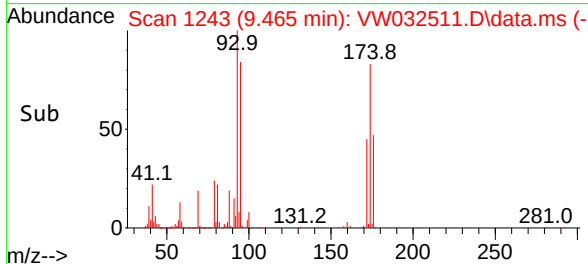
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



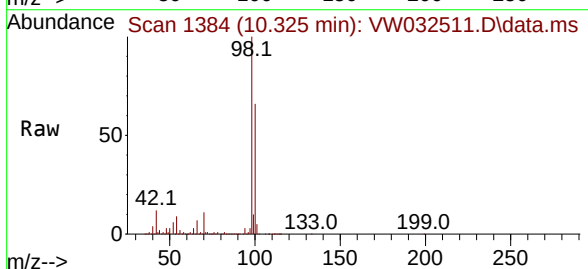
Tgt Ion: 88 Resp: 39519
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 76.2 63.0 94.4

Manual Integrations
 APPROVED

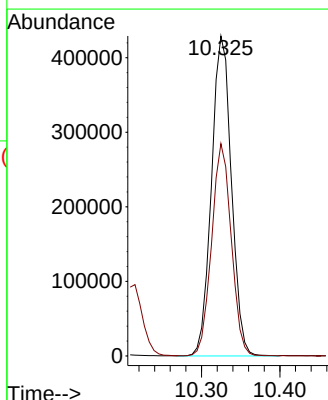
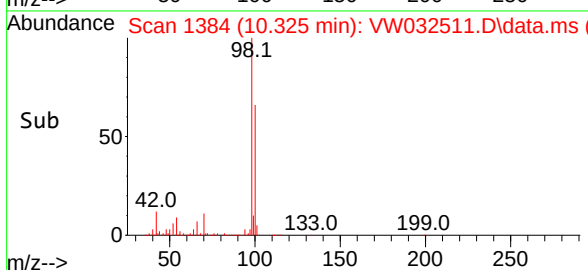
Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

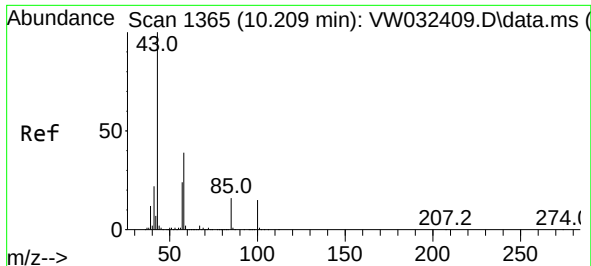


#50
 Toluene-d8
 Concen: 54.283 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15



Tgt Ion: 98 Resp: 757307
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.3 79.9





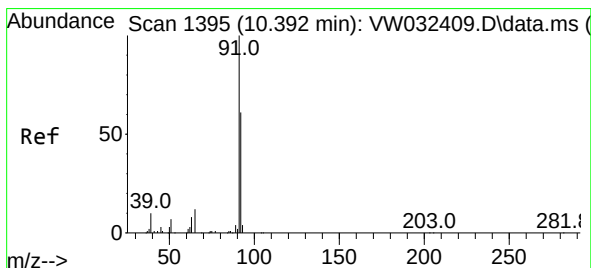
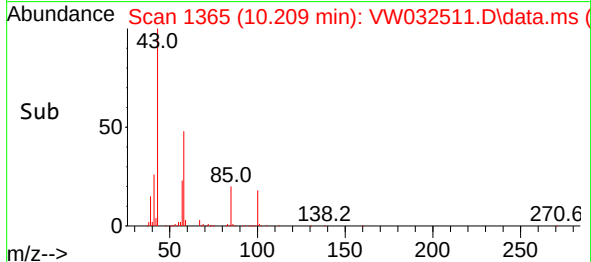
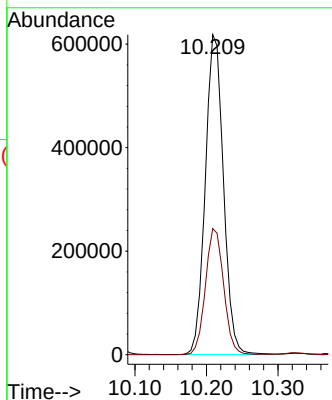
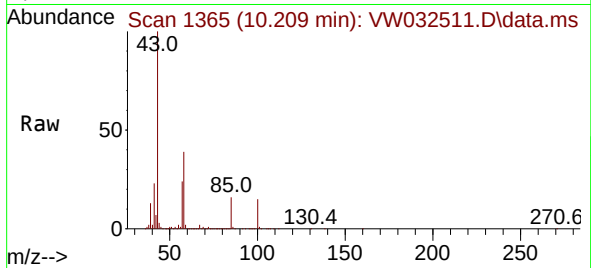
#51
4-Methyl-2-Pentanone
Concen: 279.543 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 109025
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2

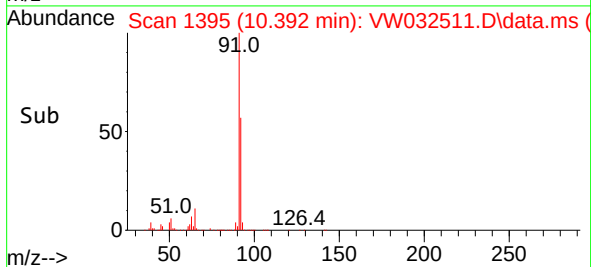
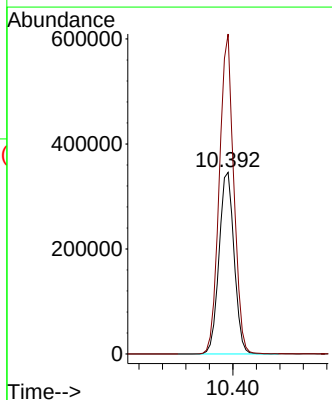
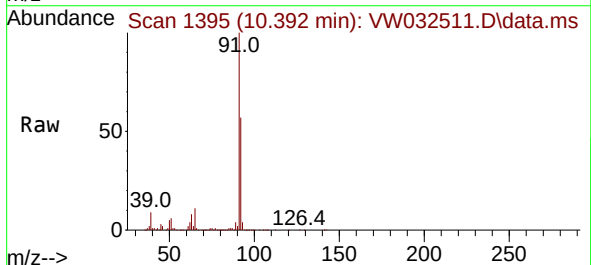
Manual Integrations
APPROVED

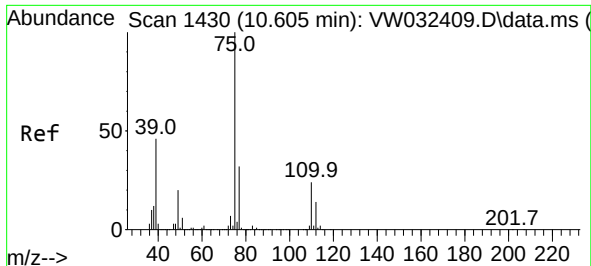
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#52
Toluene
Concen: 57.609 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

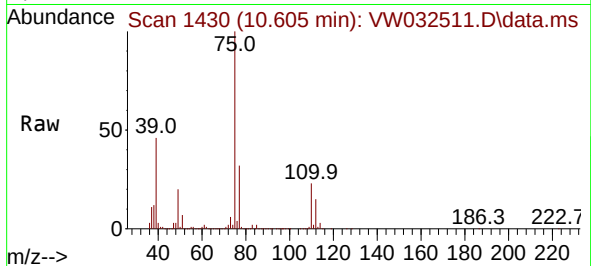
Tgt Ion: 92 Resp: 614010
Ion Ratio Lower Upper
92 100
91 169.4 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 55.005 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

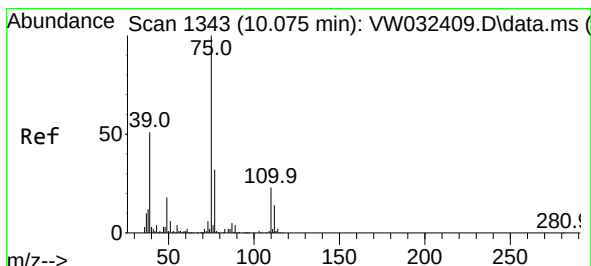
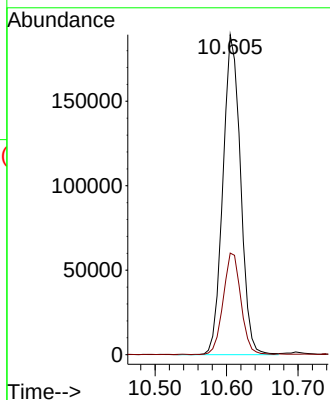
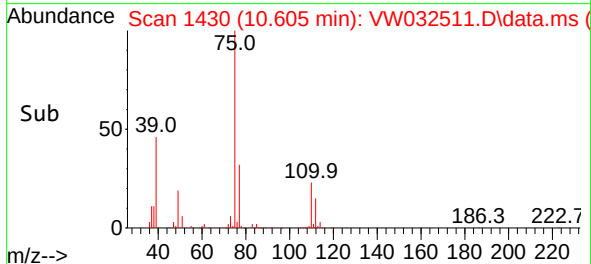
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



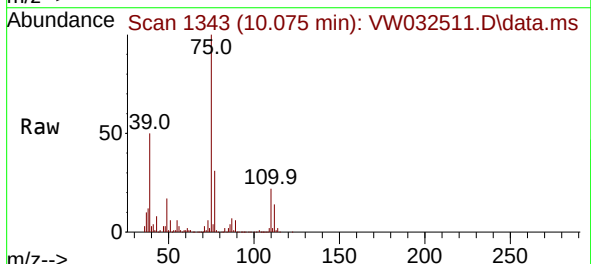
Tgt Ion: 75 Resp: 32444
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

Manual Integrations
APPROVED

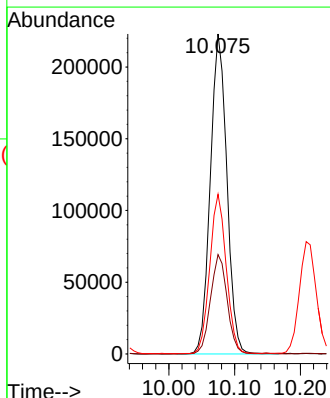
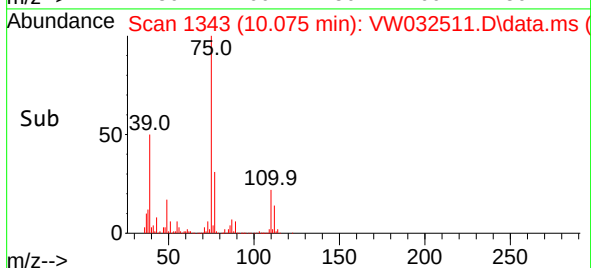
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

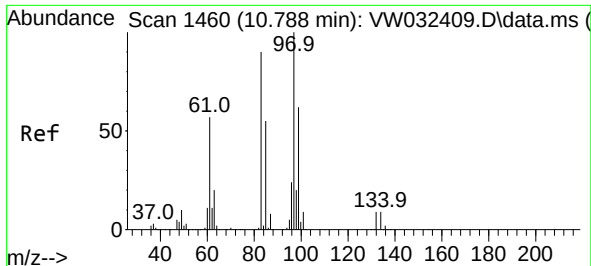


#54
cis-1,3-Dichloropropene
Concen: 57.290 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



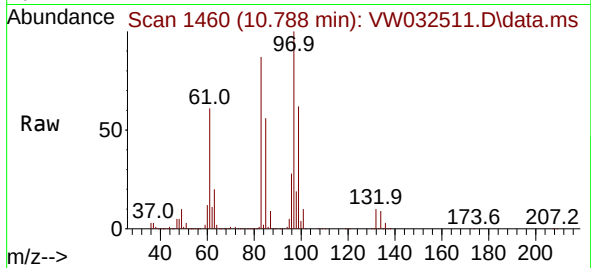
Tgt Ion: 75 Resp: 390777
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 49.8 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 56.756 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

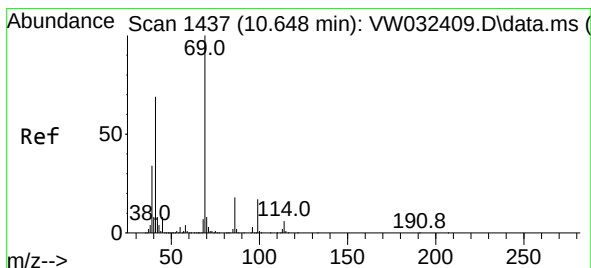
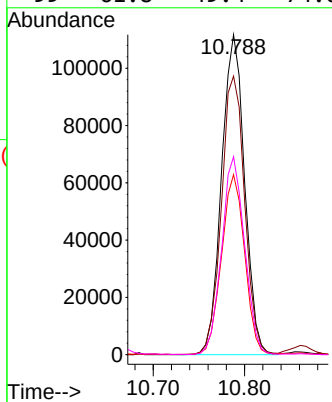
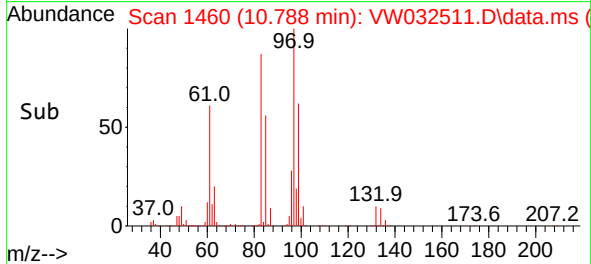
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



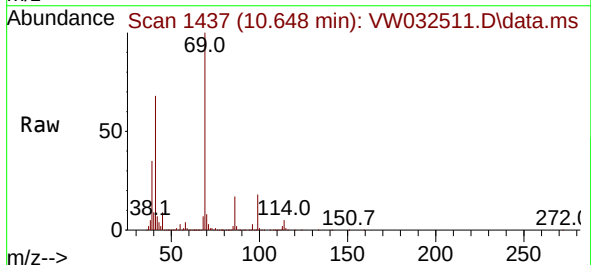
Tgt Ion: 97 Resp: 19548
Ion Ratio Lower Upper
97 100
83 87.0 72.2 108.4
85 56.2 43.8 65.8
99 61.8 49.4 74.0

Manual Integrations
APPROVED

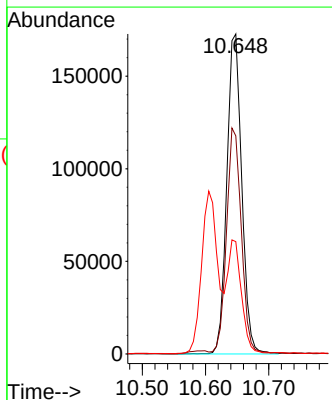
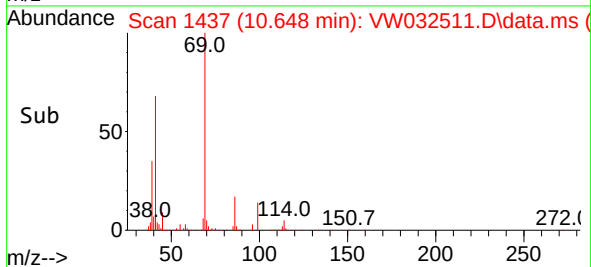
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

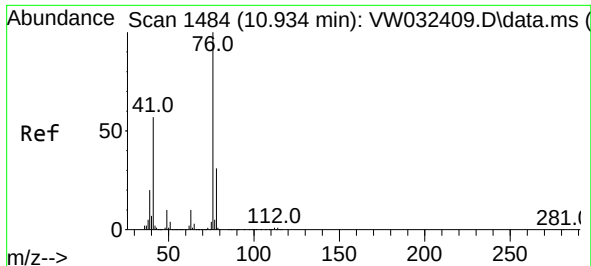


#56
Ethyl methacrylate
Concen: 53.581 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



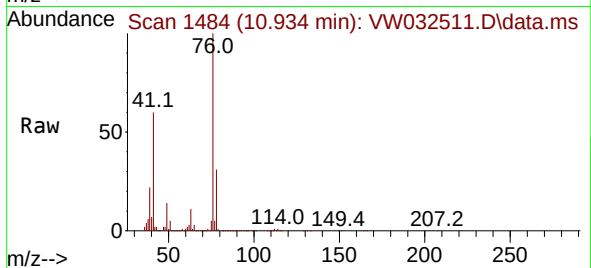
Tgt Ion: 69 Resp: 283165
Ion Ratio Lower Upper
69 100
41 69.6 54.4 81.6
39 31.6 25.4 38.0





#57
1,3-Dichloropropane
Concen: 55.924 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

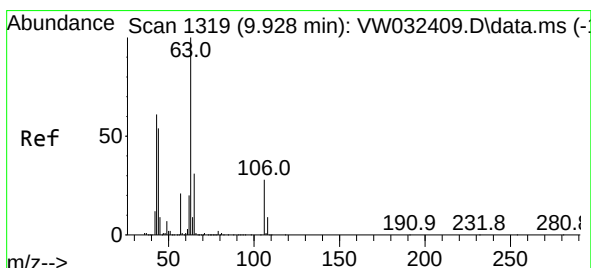
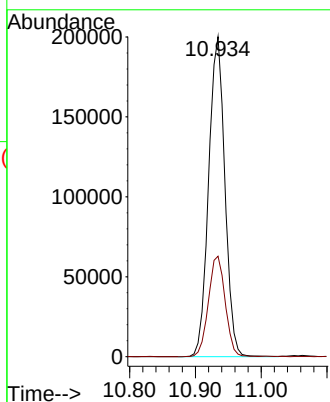
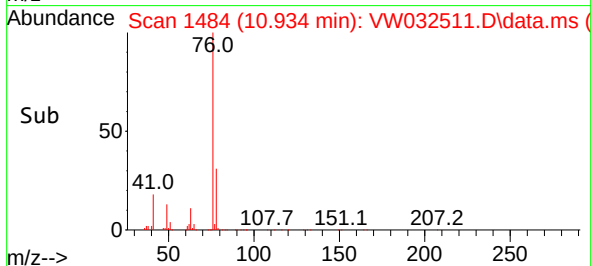
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



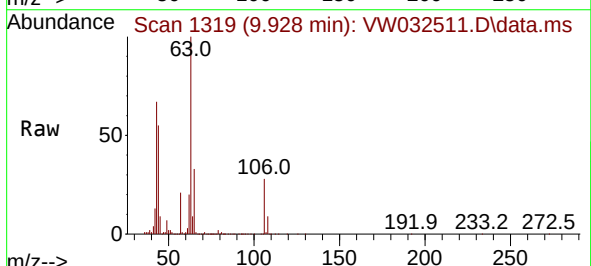
Tgt Ion: 76 Resp: 34403
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

Manual Integrations
APPROVED

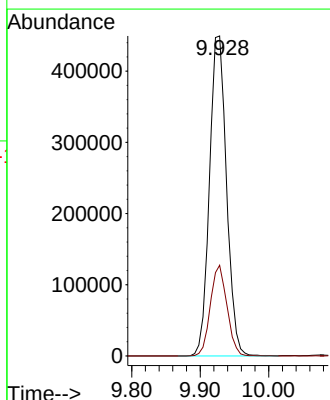
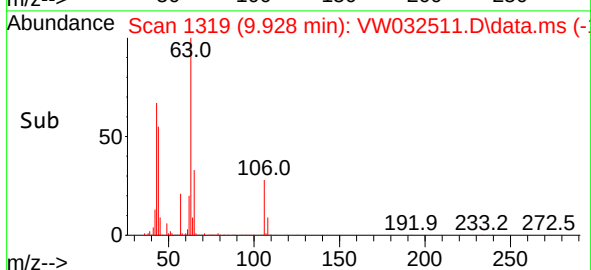
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

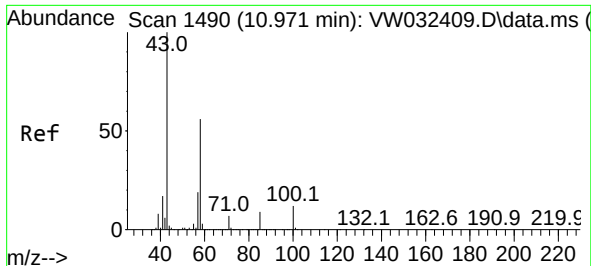


#58
2-Chloroethyl Vinyl ether
Concen: 276.444 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



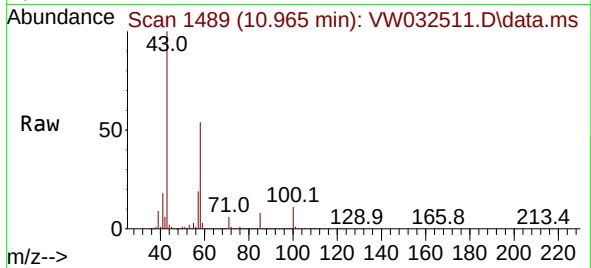
Tgt Ion: 63 Resp: 778026
Ion Ratio Lower Upper
63 100
106 27.6 22.0 33.0





#59
2-Hexanone
Concen: 273.265 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

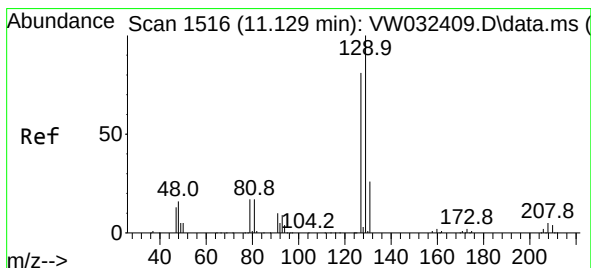
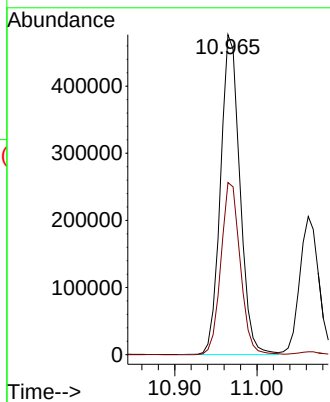
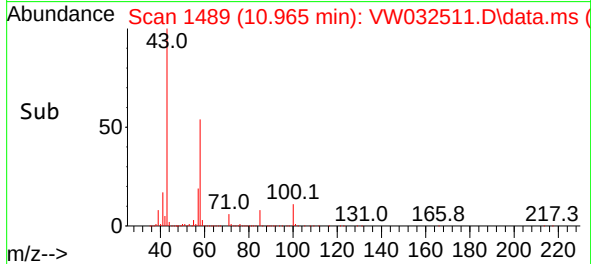
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 77975
Ion Ratio Lower Upper
43 100
58 53.6 27.4 82.2

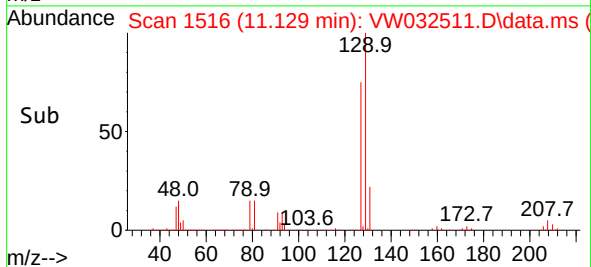
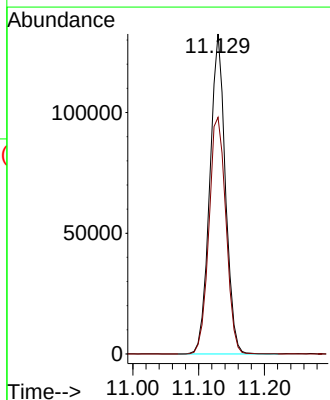
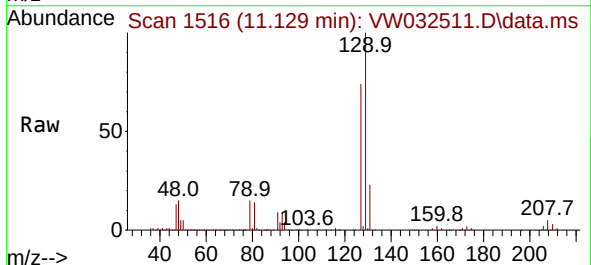
Manual Integrations
APPROVED

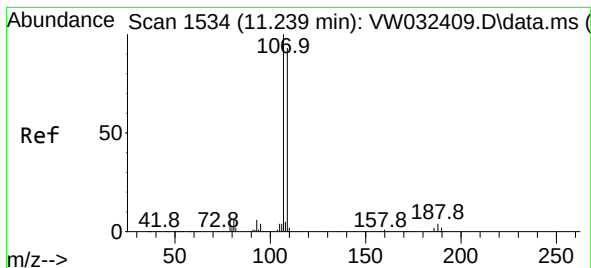
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#60
Dibromochloromethane
Concen: 56.876 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

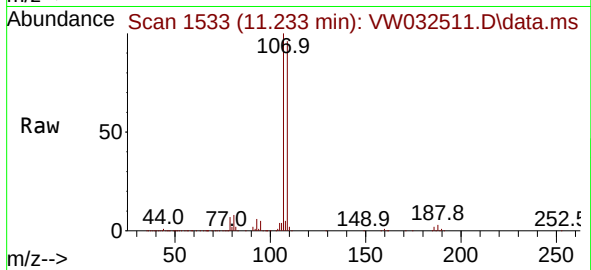
Tgt Ion:129 Resp: 218768
Ion Ratio Lower Upper
129 100
127 80.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 55.798 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

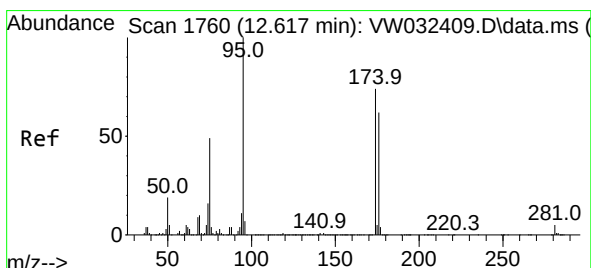
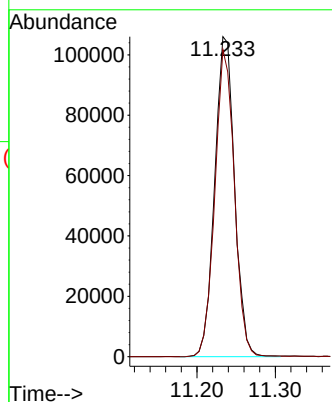
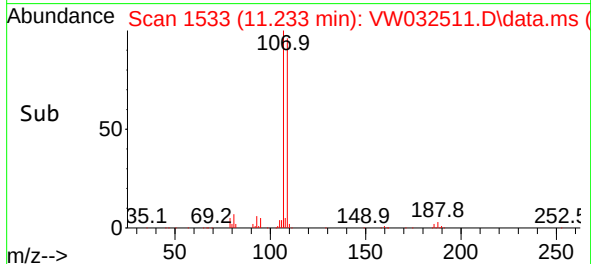
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



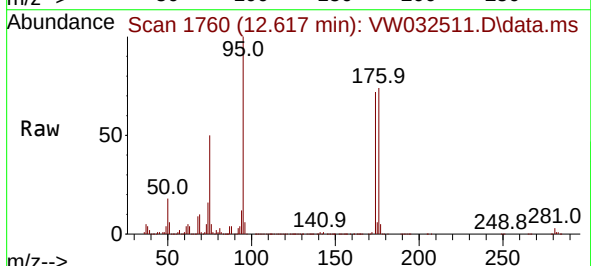
Tgt Ion: 107 Resp: 187185
Ion Ratio Lower Upper
107 100
109 94.2 76.3 114.5

Manual Integrations
APPROVED

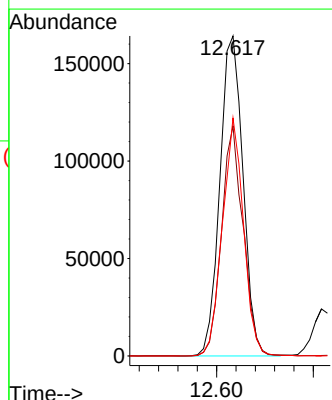
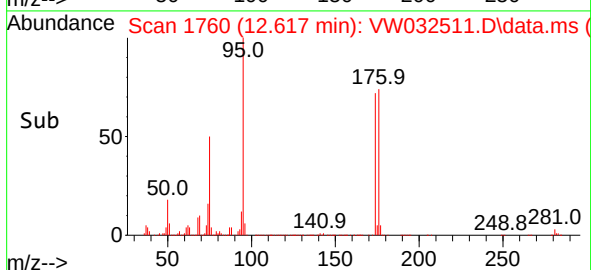
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

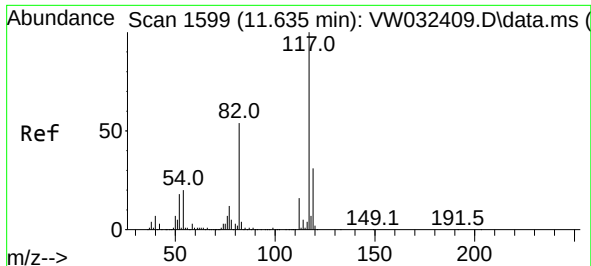


#62
4-Bromofluorobenzene
Concen: 51.583 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



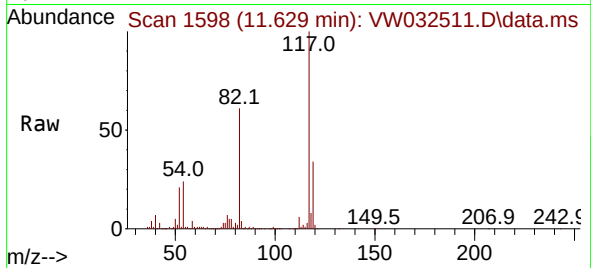
Tgt Ion: 95 Resp: 271851
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.4
176 68.2 0.0 131.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

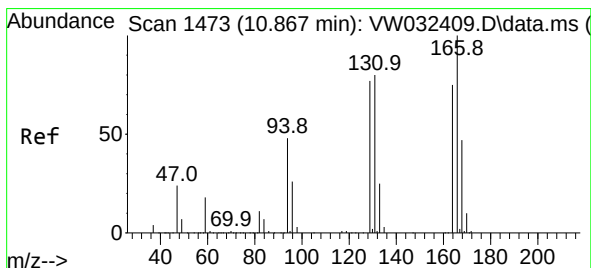
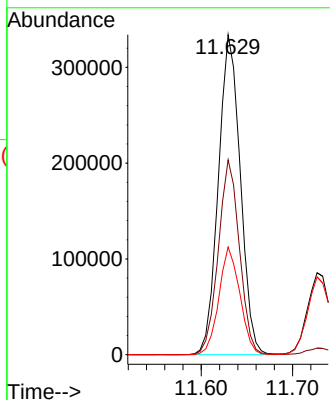
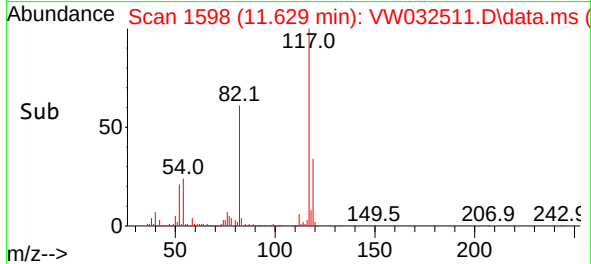
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



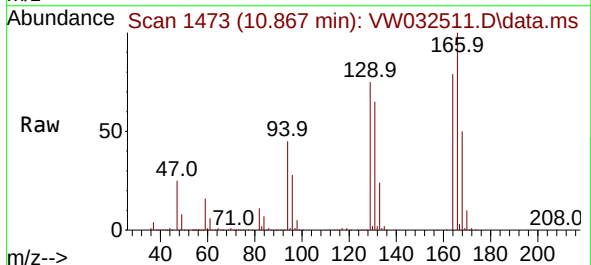
Tgt Ion:117 Resp: 55764
Ion Ratio Lower Upper
117 100
82 60.9 43.0 64.4
119 33.7 25.0 37.6

Manual Integrations
APPROVED

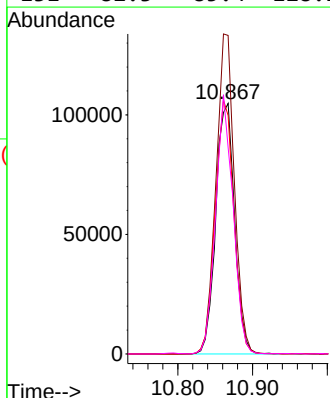
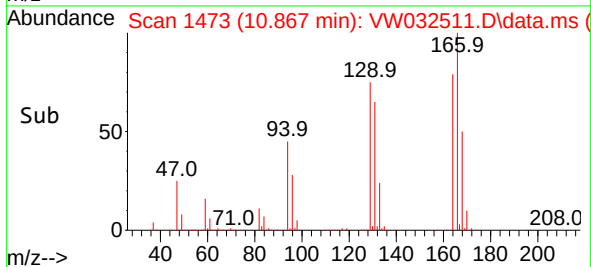
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

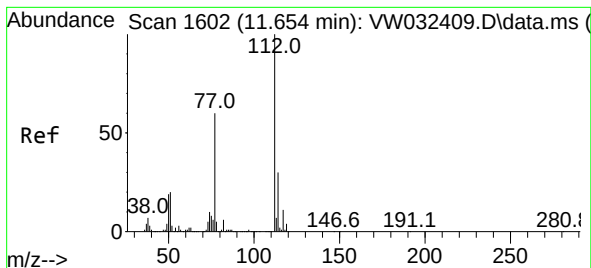


#64
Tetrachloroethene
Concen: 55.576 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



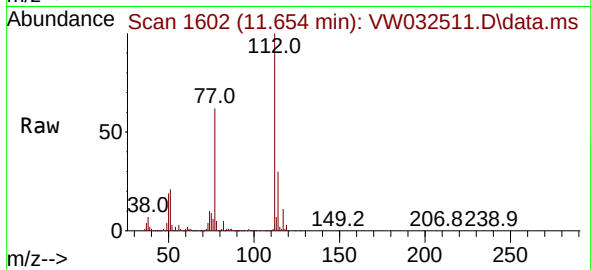
Tgt Ion:164 Resp: 183526
Ion Ratio Lower Upper
164 100
166 127.2 107.0 160.4
129 95.2 82.9 124.3
131 82.3 85.4 128.2#





#65
Chlorobenzene
Concen: 55.059 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

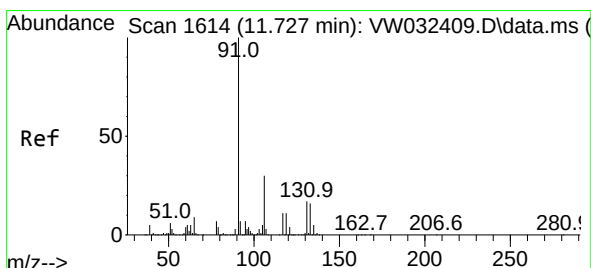
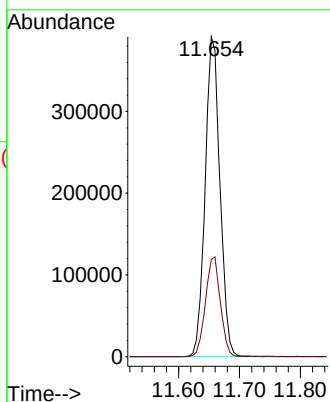
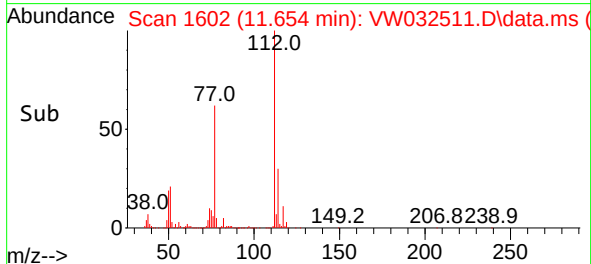
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



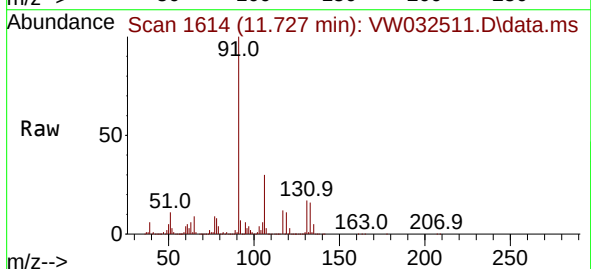
Tgt Ion:112 Resp: 661763
Ion Ratio Lower Upper
112 100
114 30.4 24.4 36.6

Manual Integrations
APPROVED

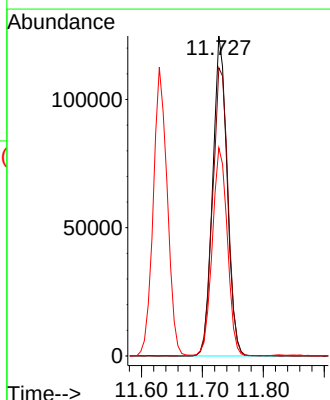
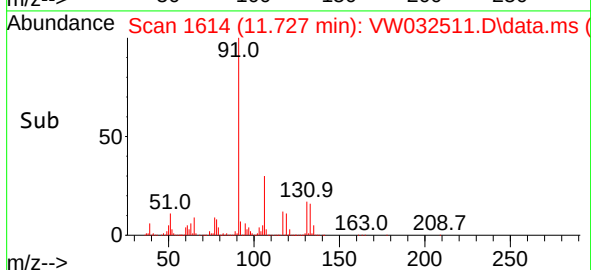
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

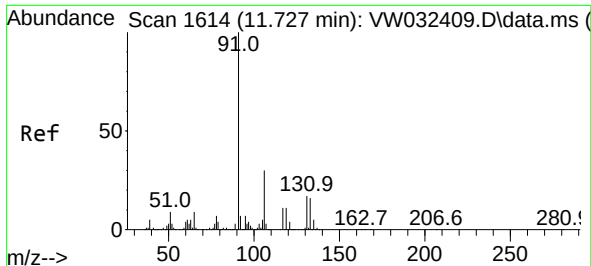


#66
1,1,1,2-Tetrachloroethane
Concen: 55.268 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



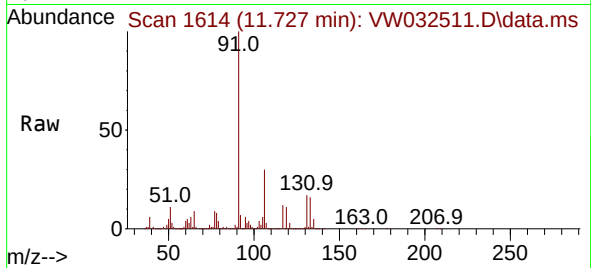
Tgt Ion:131 Resp: 205579
Ion Ratio Lower Upper
131 100
133 95.9 46.9 140.6
119 67.6 33.4 100.2





#67
Ethyl Benzene
Concen: 56.197 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

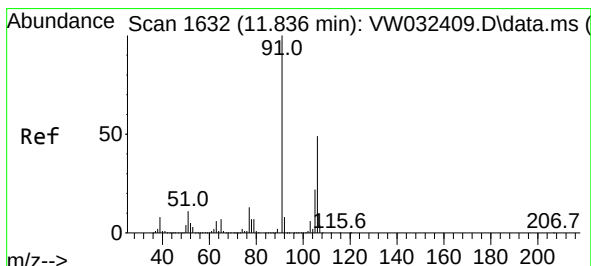
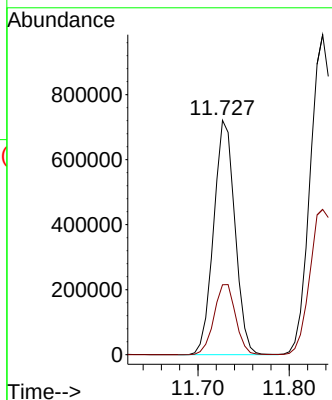
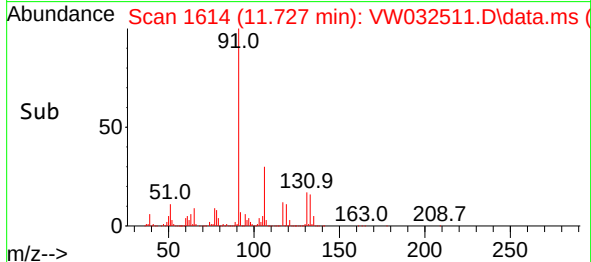
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



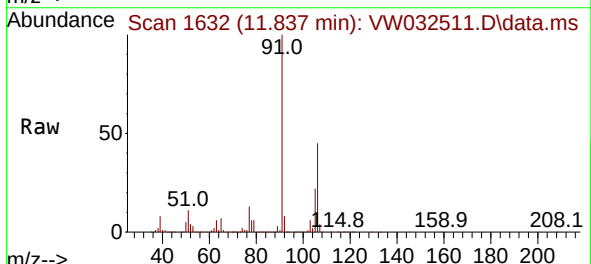
Tgt Ion: 91 Resp: 116871
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

Manual Integrations
APPROVED

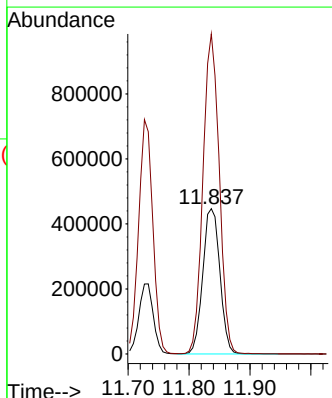
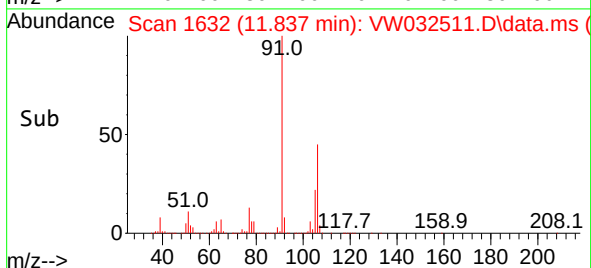
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

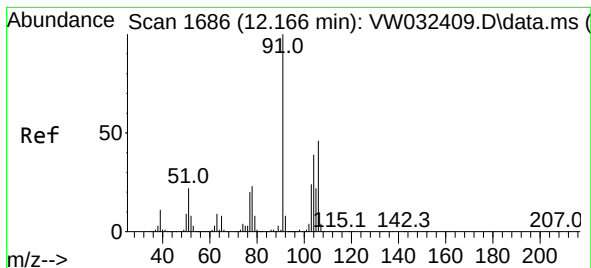


#68
m/p-Xylenes
Concen: 111.625 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



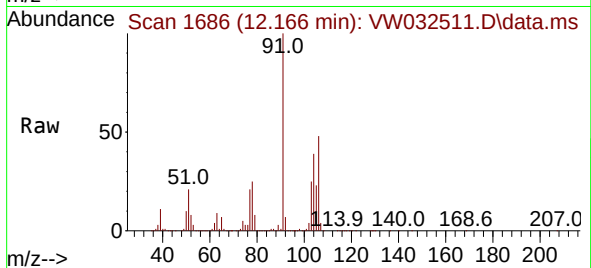
Tgt Ion:106 Resp: 871604
Ion Ratio Lower Upper
106 100
91 209.9 165.5 248.3





#69
o-Xylene
Concen: 55.430 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

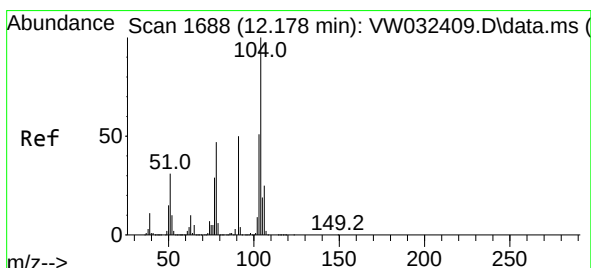
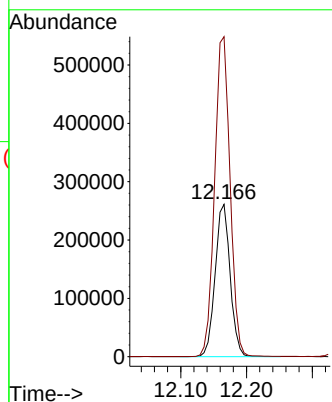
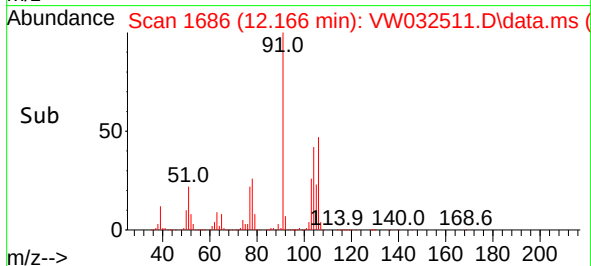
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



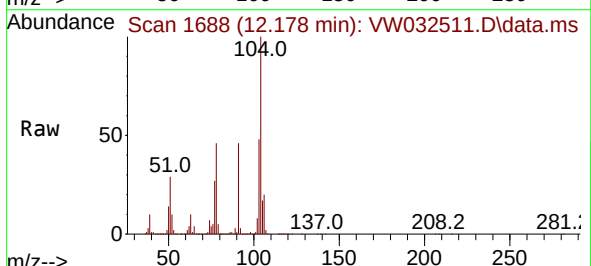
Tgt Ion:106 Resp: 414420
Ion Ratio Lower Upper
106 100
91 216.6 109.3 327.8

Manual Integrations
APPROVED

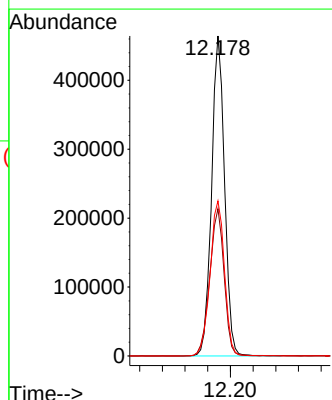
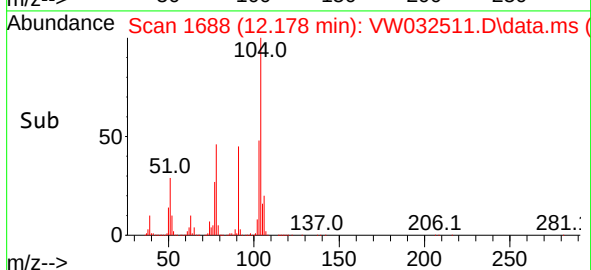
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

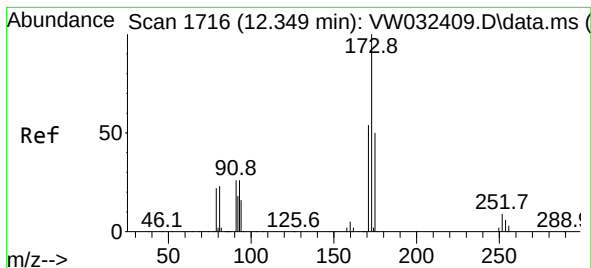


#70
Styrene
Concen: 57.303 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion:104 Resp: 736990
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 53.9 43.9 65.9





#71

Bromoform

Concen: 53.196 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 11720

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.2

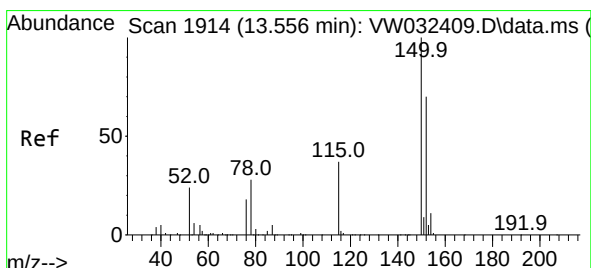
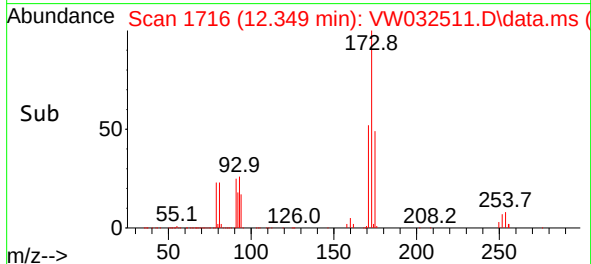
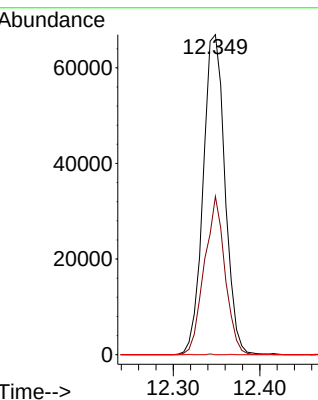
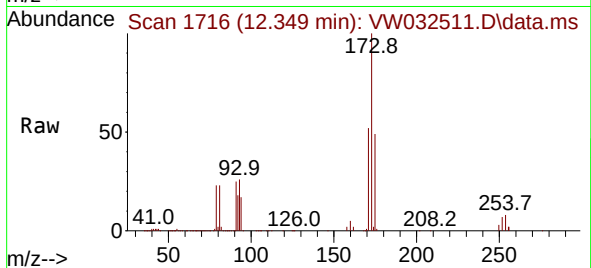
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

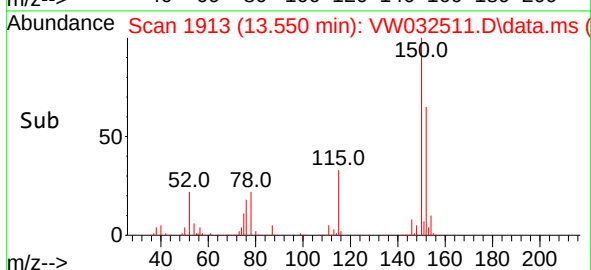
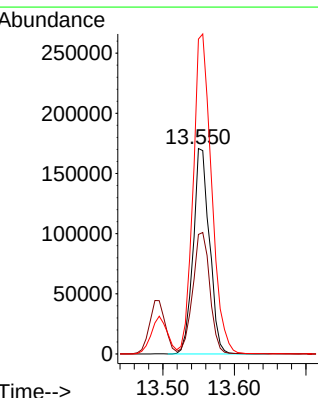
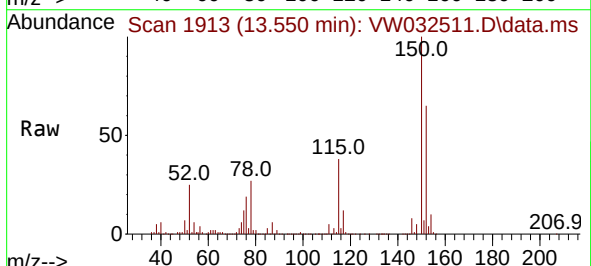
Tgt Ion:152 Resp: 270193

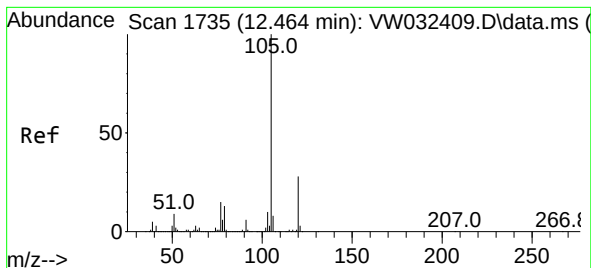
Ion Ratio Lower Upper

152 100

115 61.8 32.8 98.3

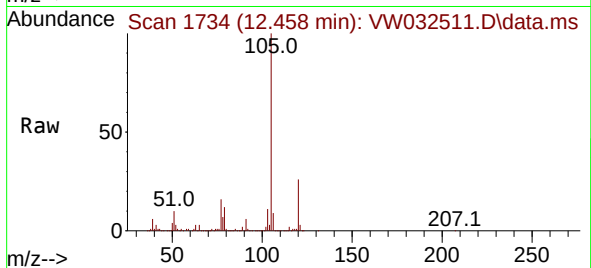
150 176.1 0.0 356.6





#73
Isopropylbenzene
Concen: 52.812 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

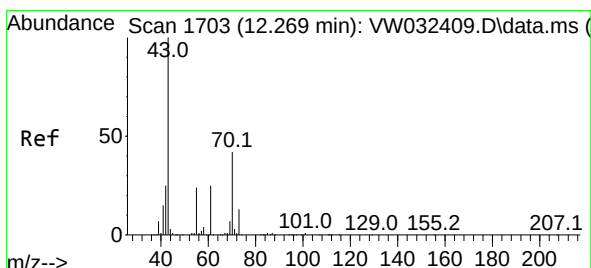
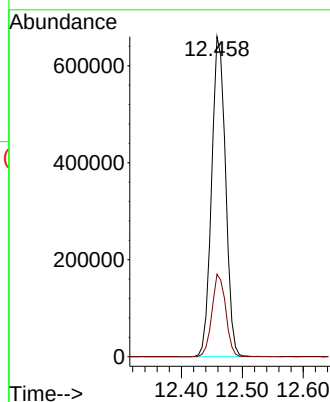
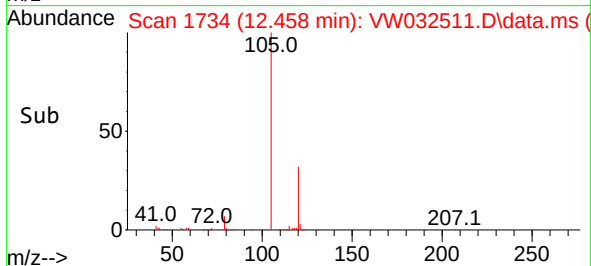
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



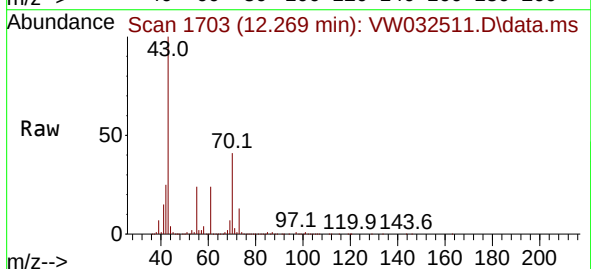
Tgt Ion:105 Resp: 104800
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

Manual Integrations
APPROVED

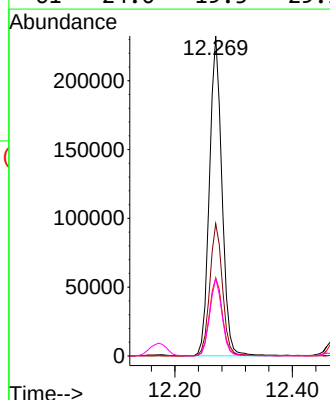
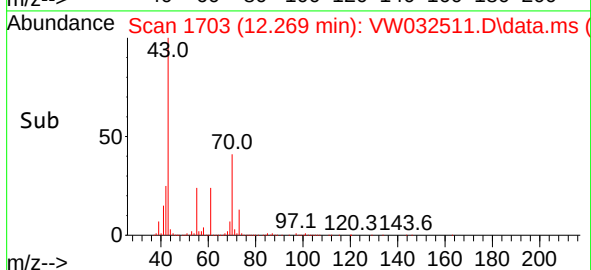
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

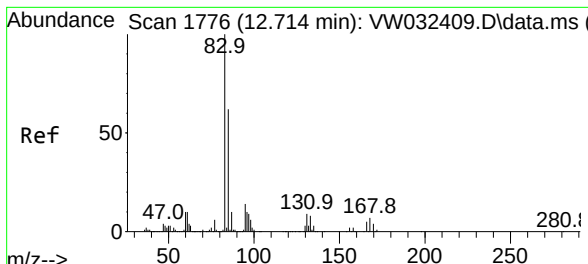


#74
N-ethyl acetate
Concen: 49.751 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion: 43 Resp: 343061
Ion Ratio Lower Upper
43 100
70 42.0 33.5 50.3
55 25.4 19.3 28.9
61 24.0 19.5 29.3



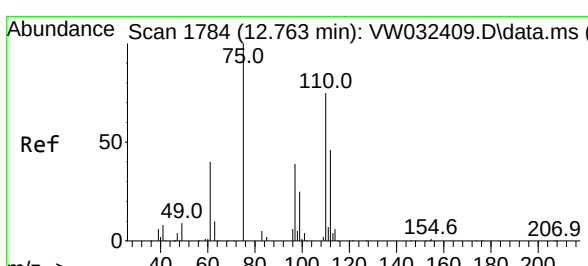
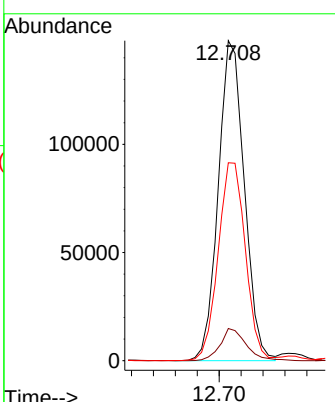
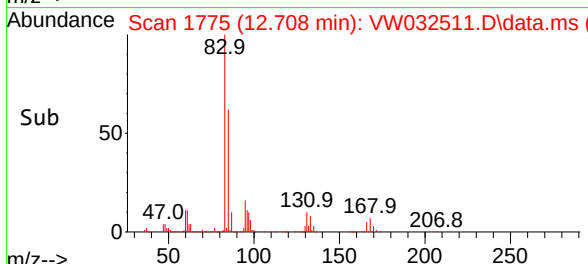
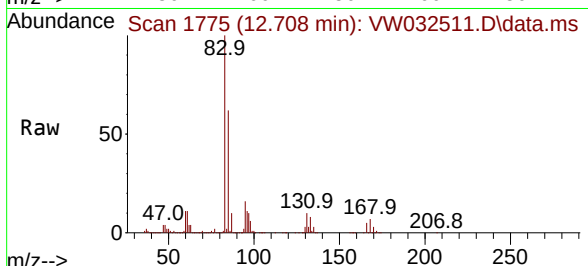


#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.849 ug/l
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

Instrument : MSVOA_W
 ClientSampleId : VSTDCCC050

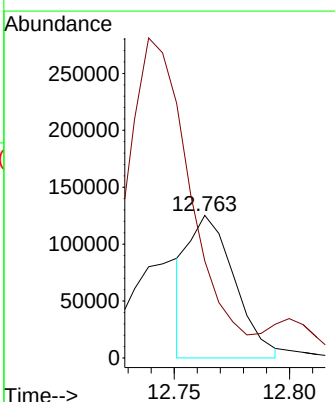
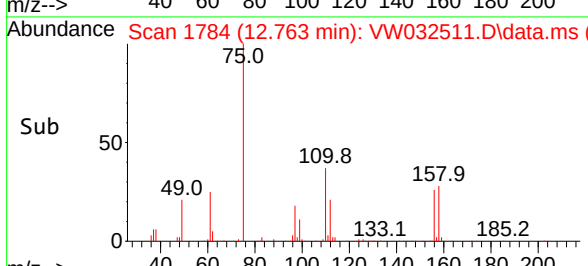
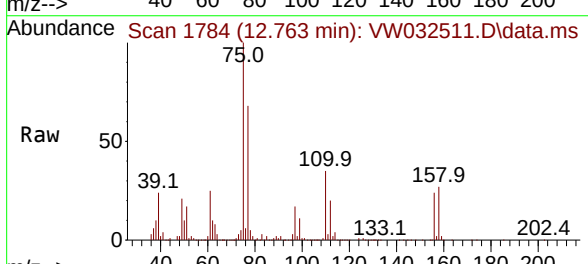
Tgt Ion:	83	Resp:	24418
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.8	31.6	94.8

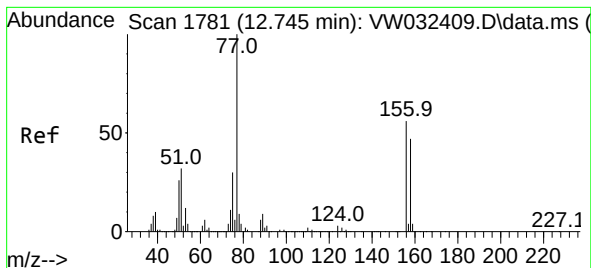
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025



#76
 1,2,3-Trichloropropane
 Concen: 46.816 ug/l m
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

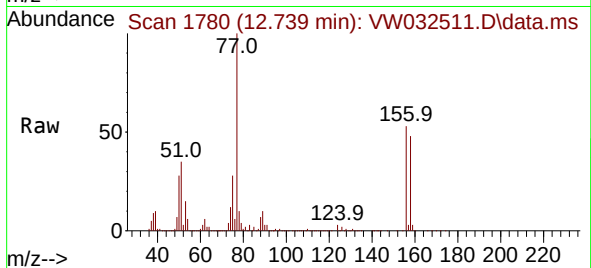
Tgt Ion:	75	Resp:	173443
Ion Ratio	Lower	Upper	
75	100		
77	0.0	151.6	454.8#





#77
Bromobenzene
Concen: 52.323 ug/l
RT: 12.739 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

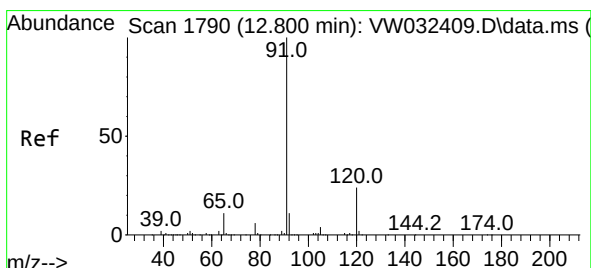
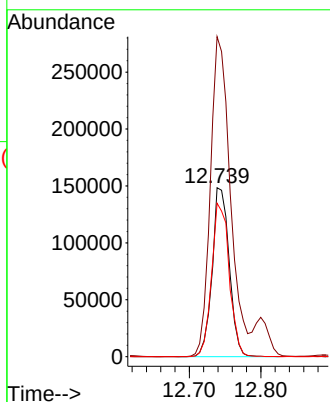
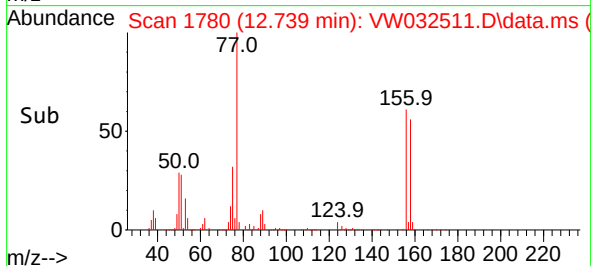
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



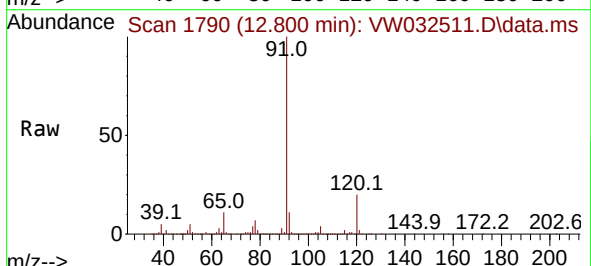
Tgt Ion:156 Resp: 245834
Ion Ratio Lower Upper
156 100
77 219.9 108.0 324.0
158 93.9 45.1 135.5

Manual Integrations
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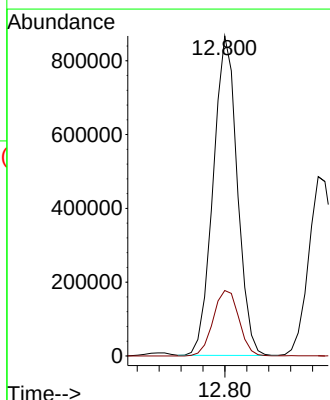
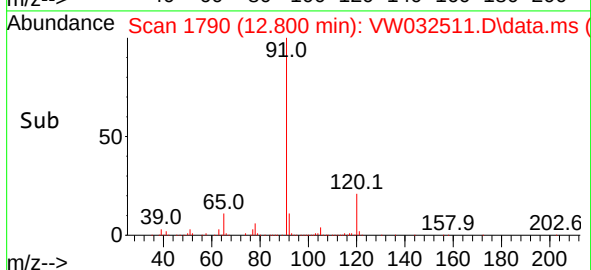
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

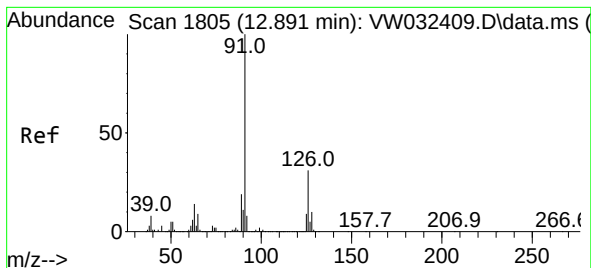


#78
n-propylbenzene
Concen: 54.756 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion: 91 Resp: 1323237
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9





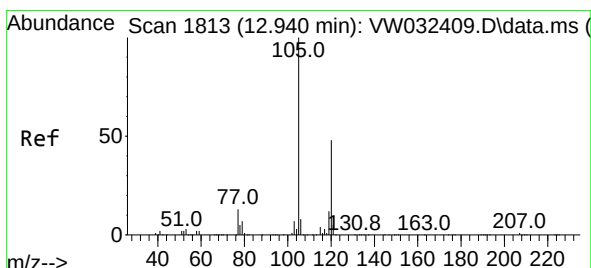
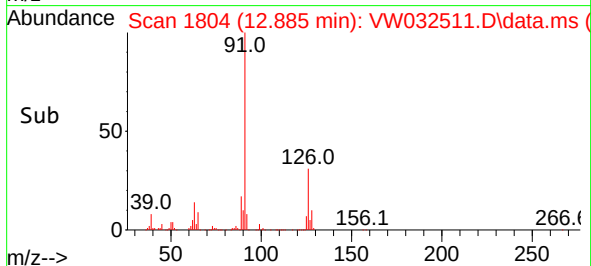
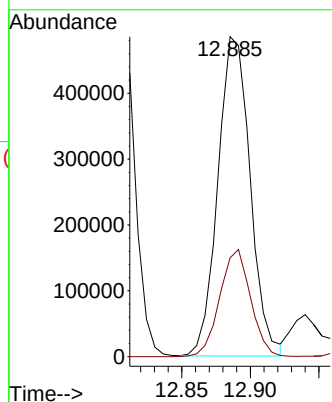
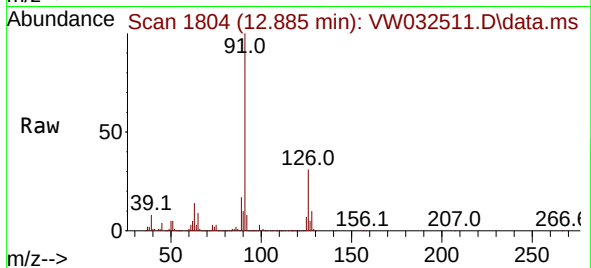
#79
2-Chlorotoluene
Concen: 53.926 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 79553
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2

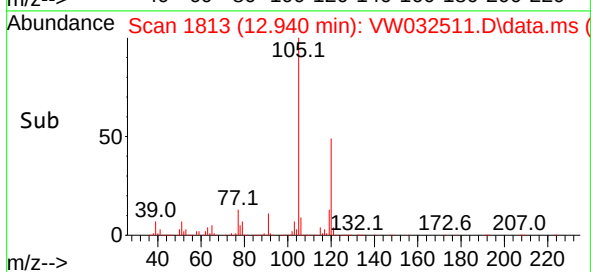
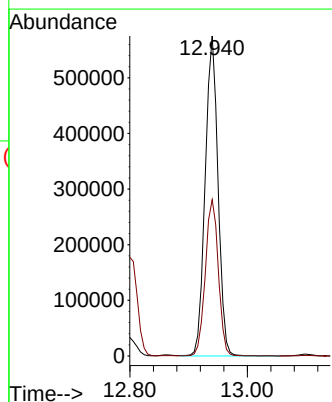
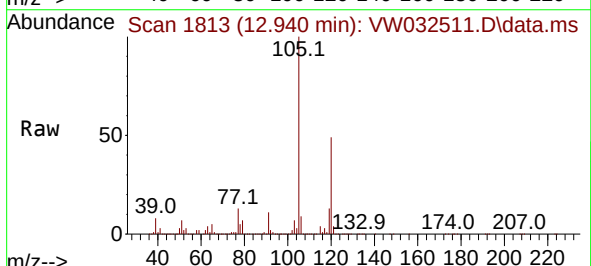
Manual Integrations
APPROVED

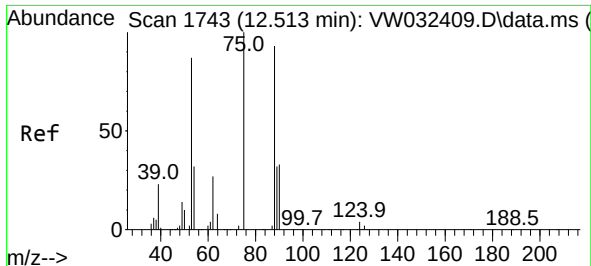
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.144 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:105 Resp: 870033
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6





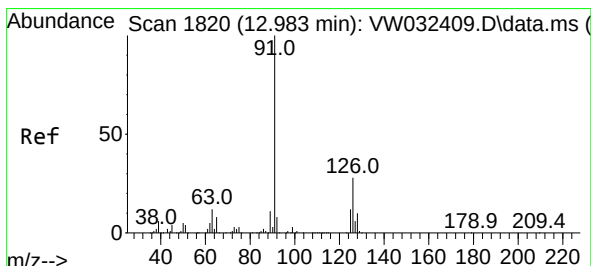
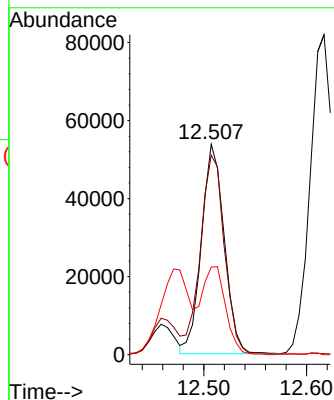
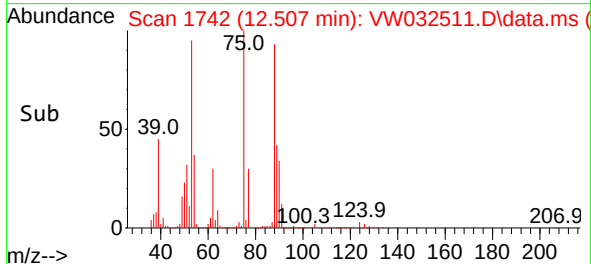
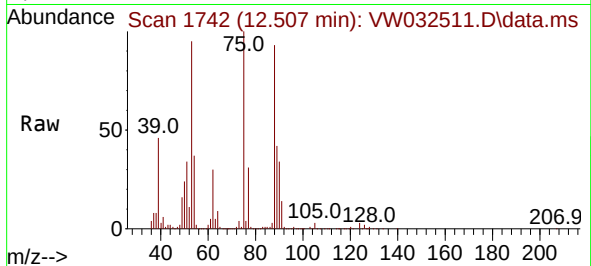
#81
trans-1,4-Dichloro-2-butene
Concen: 51.199 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 82814
Ion Ratio Lower Upper
75 100
53 100.9 77.8 116.8
89 45.0 35.6 53.4

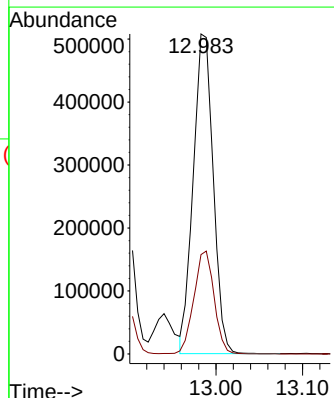
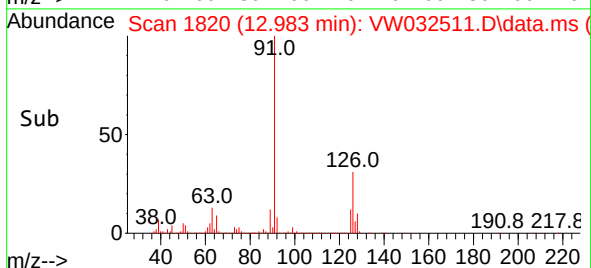
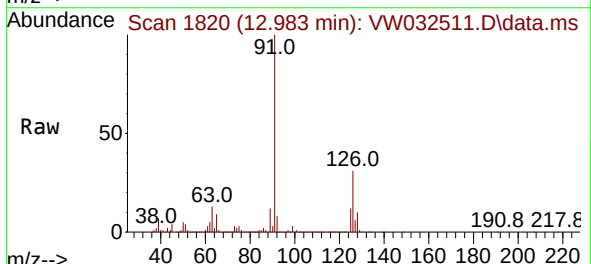
Manual Integrations
APPROVED

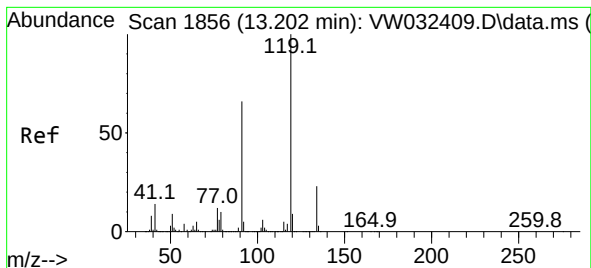
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#82
4-Chlorotoluene
Concen: 53.025 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 91 Resp: 813607
Ion Ratio Lower Upper
91 100
126 32.7 15.5 46.5





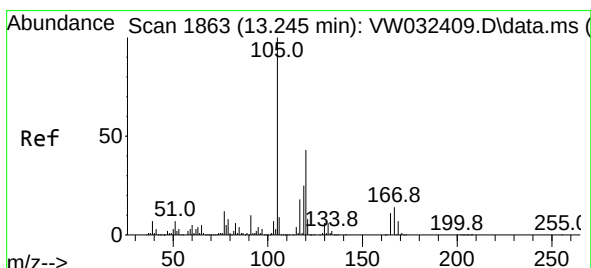
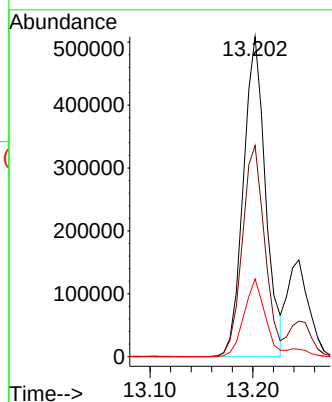
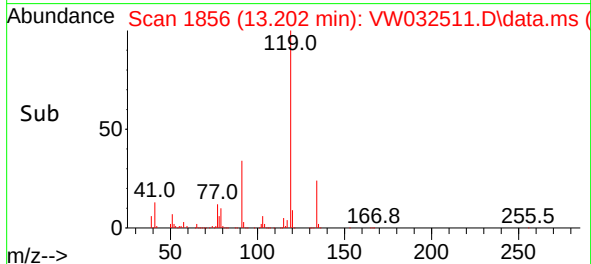
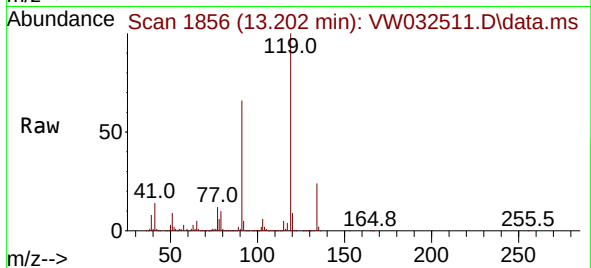
#83
tert-Butylbenzene
Concen: 53.642 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 76392
Ion Ratio Lower Upper
119 100
91 66.9 33.3 99.9
134 23.5 12.2 36.4

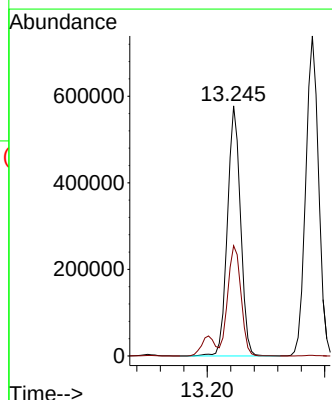
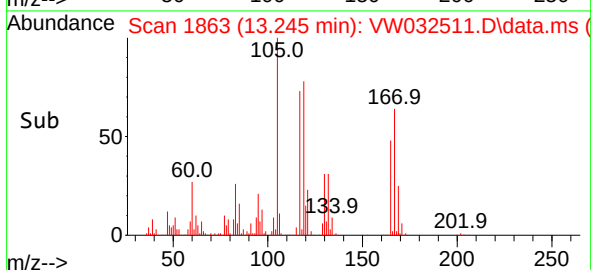
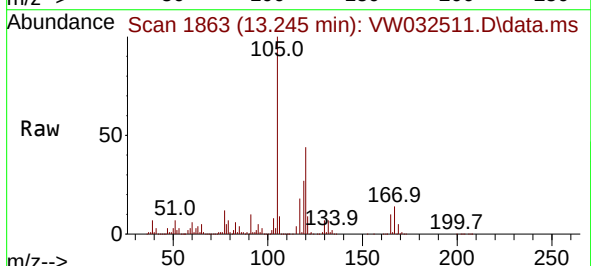
Manual Integrations
APPROVED

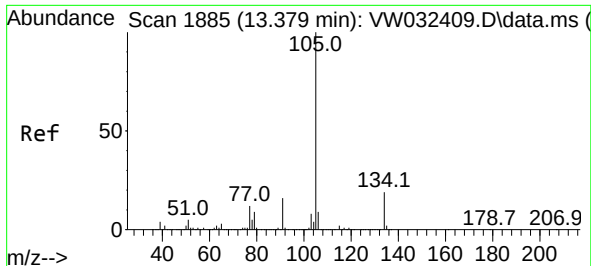
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.573 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

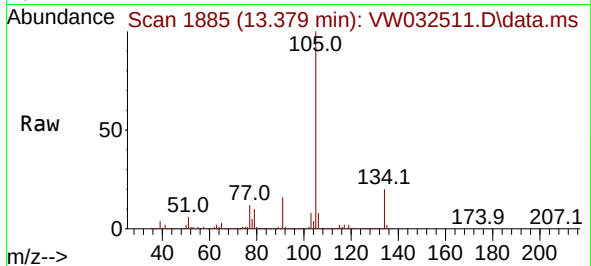
Tgt Ion:105 Resp: 892057
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 52.800 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

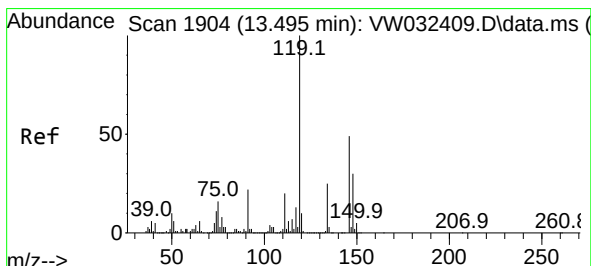
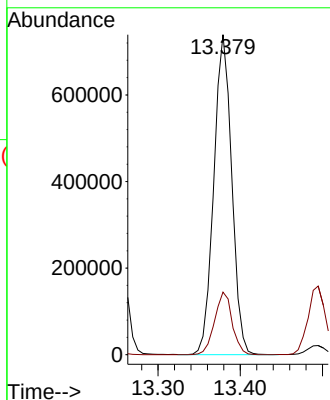
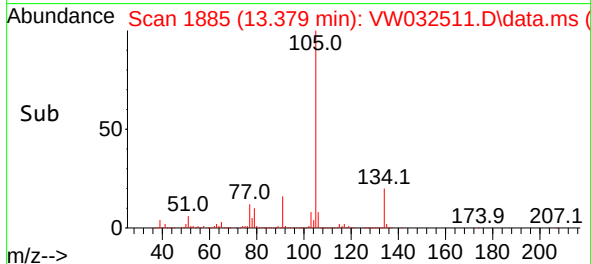
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



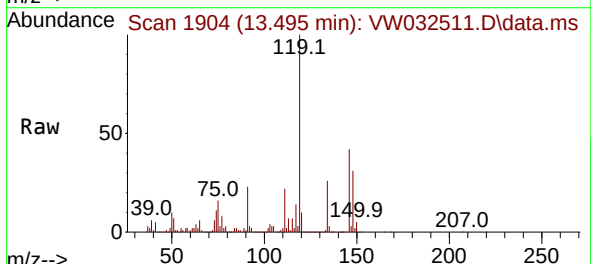
Tgt Ion:105 Resp: 1119872
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
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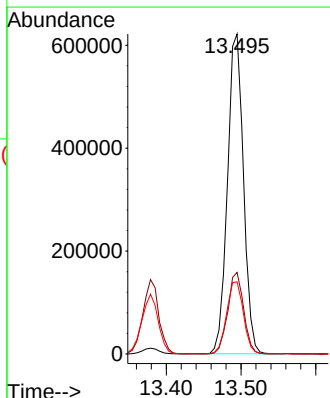
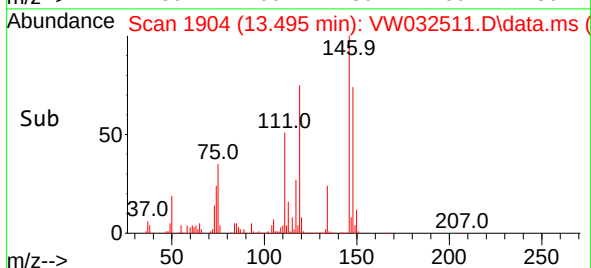
Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

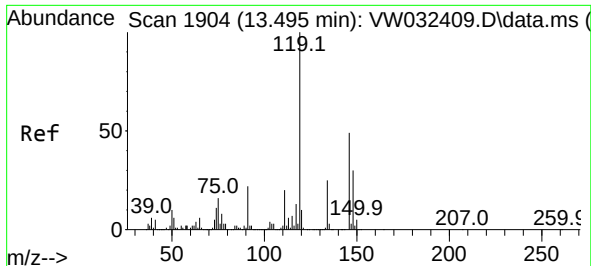


#86
 p-Isopropyltoluene
 Concen: 52.946 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15



Tgt Ion:119 Resp: 927196
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.821 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

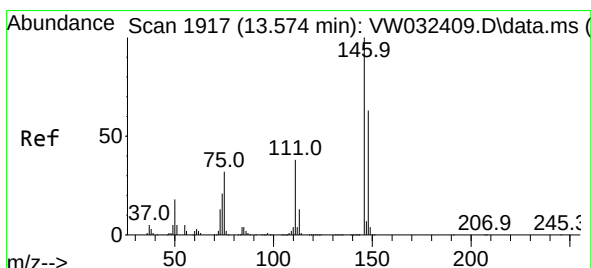
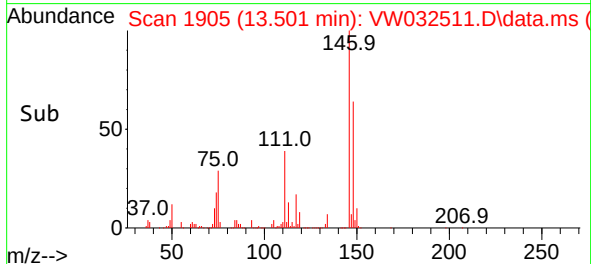
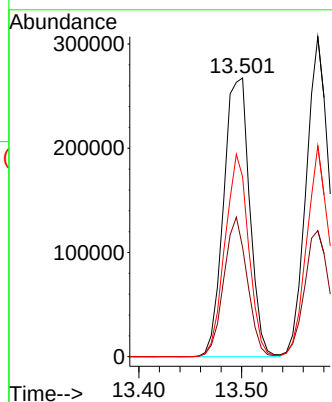
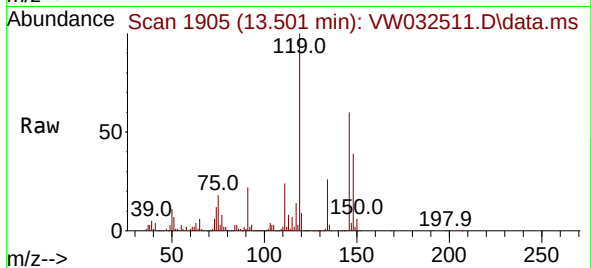
Tgt Ion:146 Resp: 470529
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.2 66.6
 148 66.1 33.4 100.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#88

1,4-Dichlorobenzene

Concen: 52.586 ug/l

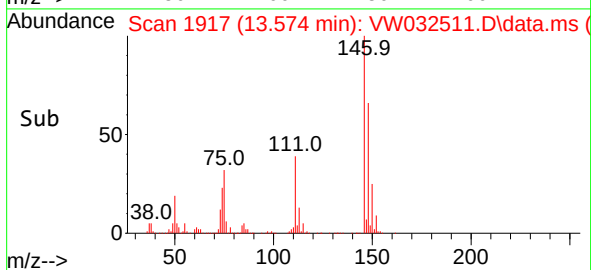
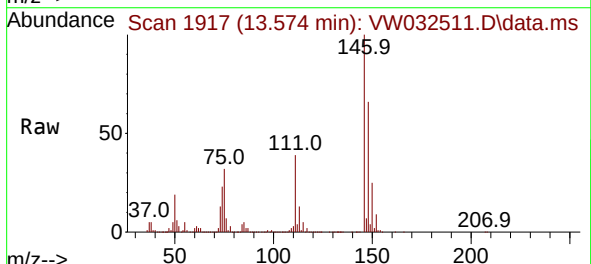
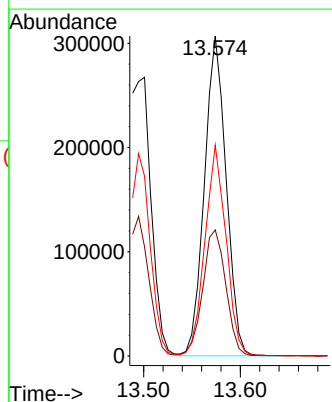
RT: 13.574 min Scan# 1917

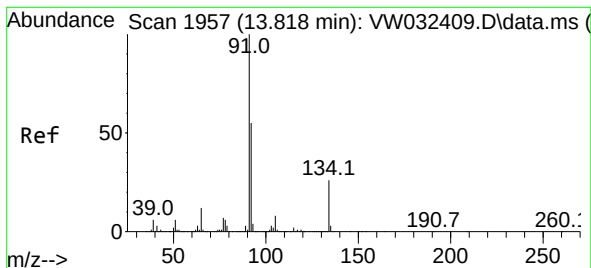
Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Tgt Ion:146 Resp: 479905
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.6
 148 64.2 31.2 93.6





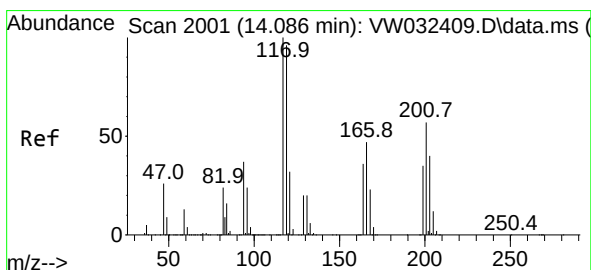
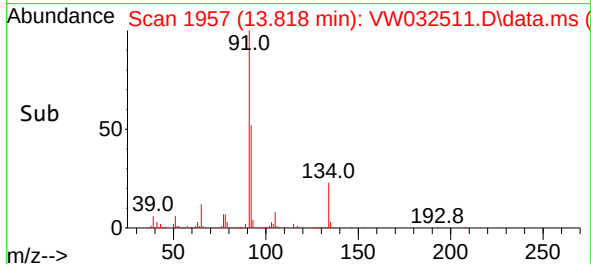
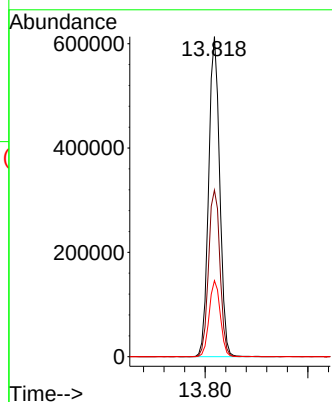
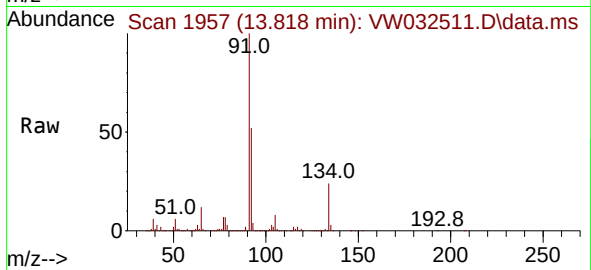
#89
n-Butylbenzene
Concen: 53.416 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 91388
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.2
134 23.9 12.4 37.4

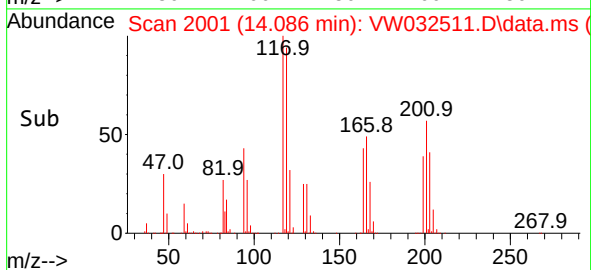
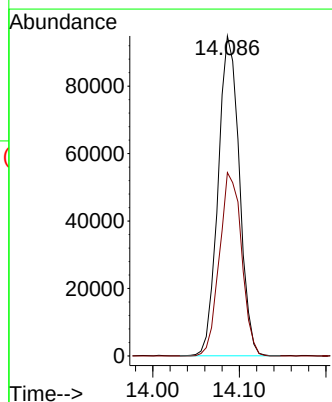
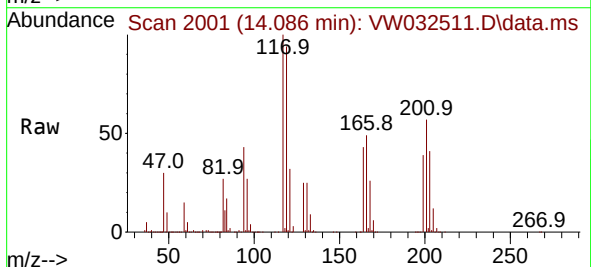
Manual Integrations
APPROVED

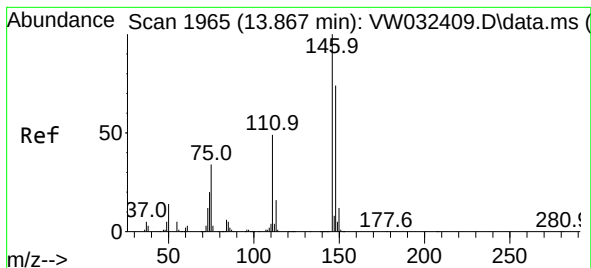
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#90
Hexachloroethane
Concen: 51.106 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:117 Resp: 161363
Ion Ratio Lower Upper
117 100
201 59.8 32.0 96.0





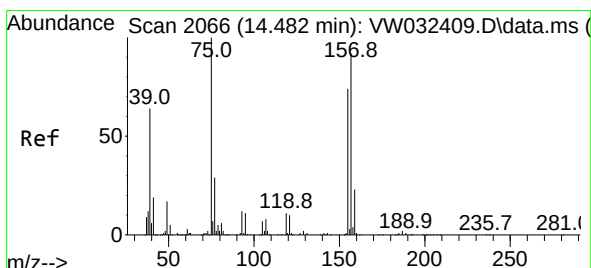
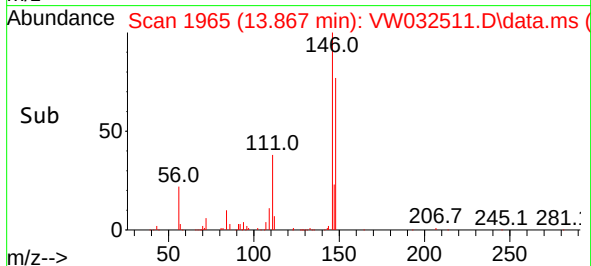
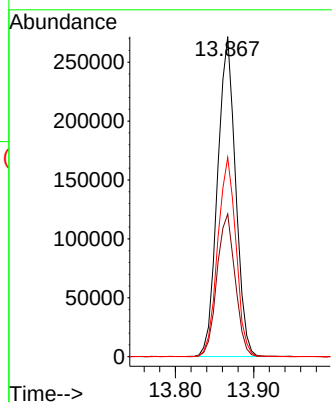
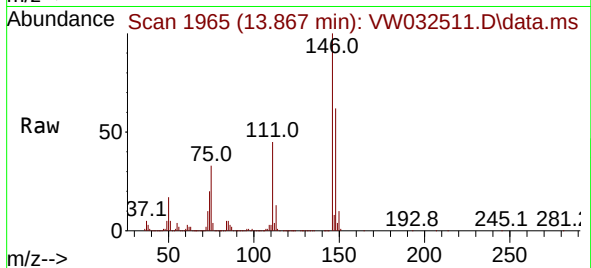
#91
1,2-Dichlorobenzene
Concen: 53.231 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 43528
Ion Ratio Lower Upper
146 100
111 45.0 23.4 70.2
148 62.9 34.0 101.8

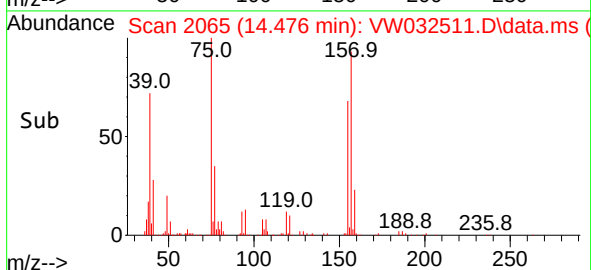
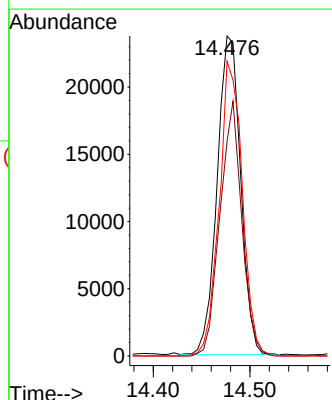
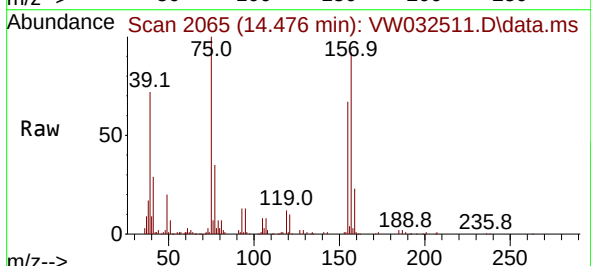
Manual Integrations
APPROVED

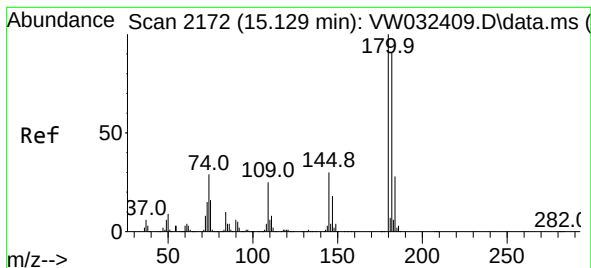
Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.209 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 75 Resp: 39923
Ion Ratio Lower Upper
75 100
155 74.2 36.2 108.6
157 91.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.431 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

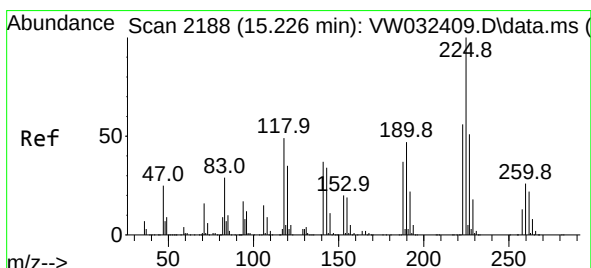
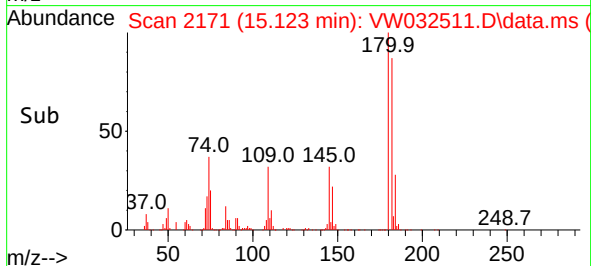
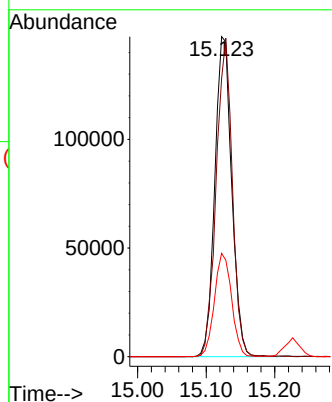
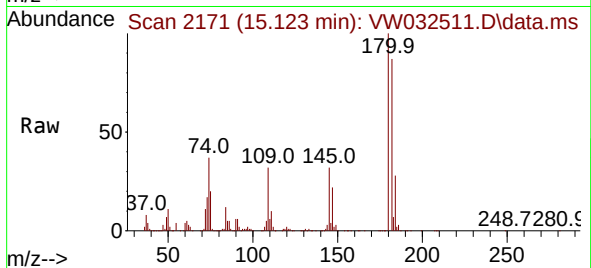
Tgt Ion:180 Resp: 252020
 Ion Ratio Lower Upper
 180 100
 182 94.9 45.3 135.9
 145 32.9 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#94

Hexachlorobutadiene

Concen: 46.828 ug/l

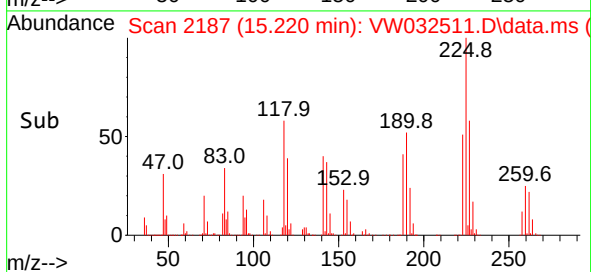
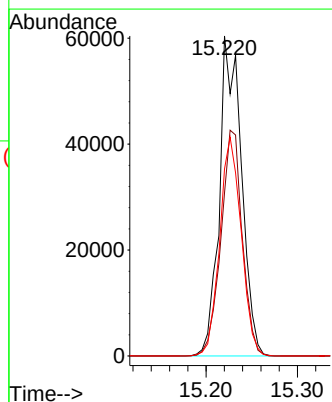
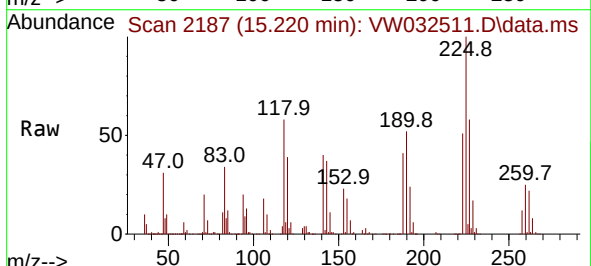
RT: 15.220 min Scan# 2187

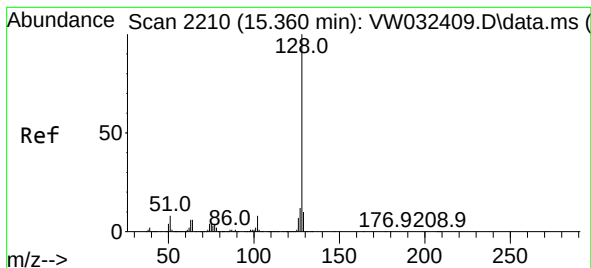
Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

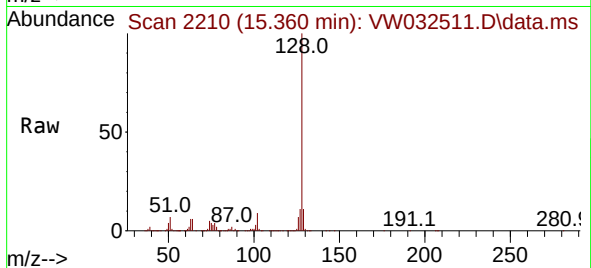
Tgt Ion:225 Resp: 101225
 Ion Ratio Lower Upper
 225 100
 223 68.4 30.6 91.8
 227 66.8 29.8 89.4





#95
Naphthalene
Concen: 48.290 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

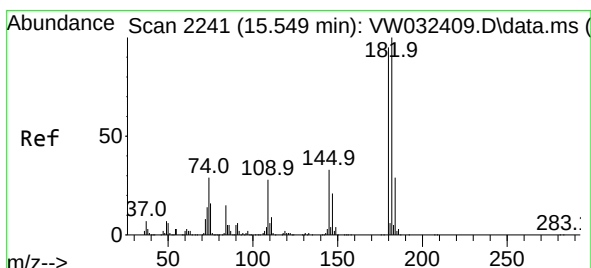
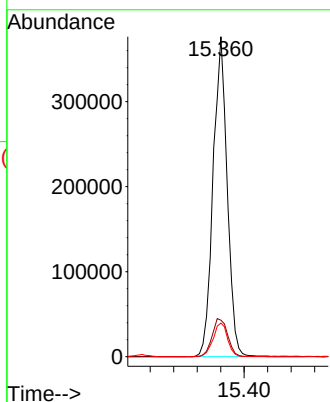
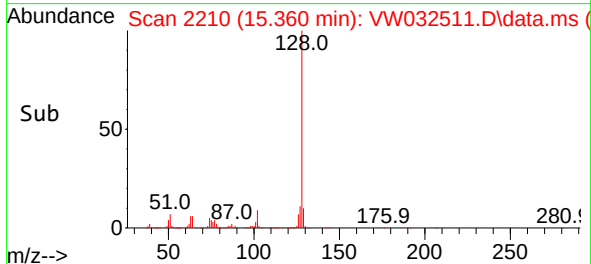
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



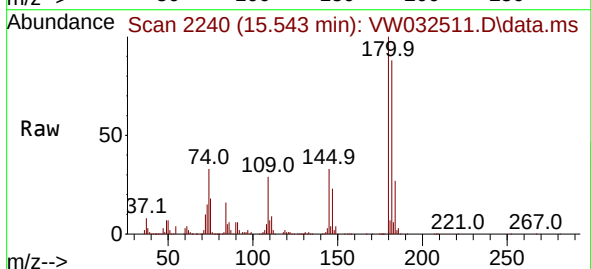
Tgt Ion:128 Resp: 626649
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.252 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15



Tgt Ion:180 Resp: 237412
Ion Ratio Lower Upper
180 100
182 91.4 50.3 151.0
145 36.2 17.8 53.3

