

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023456.D
 Acq On : 14 Oct 2025 11:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 03:24:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	571722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	808604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	715207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	372874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	221916	46.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.840%		
35) Dibromofluoromethane	7.640	113	248799	50.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.160%		
50) Toluene-d8	10.109	98	942878	50.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.920%		
62) 4-Bromofluorobenzene	12.408	95	299713	49.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	177782	43.202	ug/l	100
3) Chloromethane	2.074	50	238579	42.558	ug/l	99
4) Vinyl Chloride	2.208	62	325020	44.513	ug/l	99
5) Bromomethane	2.598	94	267390	43.638	ug/l	99
6) Chloroethane	2.739	64	231769	46.566	ug/l	98
7) Trichlorofluoromethane	3.062	101	463109	45.679	ug/l	97
8) Diethyl Ether	3.458	74	118343	44.671	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	252738	48.040	ug/l	99
10) Methyl Iodide	4.013	142	298585	50.981	ug/l	100
11) Tert butyl alcohol	4.854	59	75184	211.390	ug/l	98
12) 1,1-Dichloroethene	3.793	96	239265	46.916	ug/l	95
13) Acrolein	3.653	56	64576	128.493	ug/l	100
14) Allyl chloride	4.391	41	289158	46.523	ug/l	99
15) Acrylonitrile	5.061	53	227715	224.609	ug/l	100
16) Acetone	3.866	43	257583	226.315	ug/l	98
17) Carbon Disulfide	4.110	76	680600	46.628	ug/l	99
18) Methyl Acetate	4.385	43	140195	46.956	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	567311	46.284	ug/l	97
20) Methylene Chloride	4.622	84	260976	42.404	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	267679	47.673	ug/l	97
22) Diisopropyl ether	6.025	45	654558	47.611	ug/l	99
23) Vinyl Acetate	5.964	43	1708649	229.609	ug/l	99
24) 1,1-Dichloroethane	5.921	63	431610	47.394	ug/l	99
25) 2-Butanone	6.896	43	302322	217.573	ug/l	94
26) 2,2-Dichloropropane	6.890	77	408175	48.846	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	310682	47.902	ug/l	99
28) Bromochloromethane	7.250	49	149509	43.977	ug/l	99
29) Tetrahydrofuran	7.262	42	171037	217.065	ug/l	99
30) Chloroform	7.427	83	478940	47.867	ug/l	100
31) Cyclohexane	7.707	56	355162	44.658	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	441848	48.593	ug/l	100
36) 1,1-Dichloropropene	7.841	75	333607	50.717	ug/l	99
37) Ethyl Acetate	6.988	43	119370	45.807	ug/l	100
38) Carbon Tetrachloride	7.823	117	406679	50.989	ug/l	100
39) Methylcyclohexane	9.109	83	435067	50.800	ug/l	99
40) Benzene	8.085	78	1036881	49.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	64761	45.950	ug/l	95
42) 1,2-Dichloroethane	8.164	62	258162	48.053	ug/l	100
43) Isopropyl Acetate	8.201	43	239079	46.010	ug/l	100
44) Trichloroethene	8.872	130	300046	49.212	ug/l	100
45) 1,2-Dichloropropane	9.146	63	228487	49.659	ug/l	97
46) Dibromomethane	9.231	93	143999	49.494	ug/l	98
47) Bromodichloromethane	9.426	83	367113	50.101	ug/l	99
48) Methyl methacrylate	9.225	41	118168	48.406	ug/l	99
49) 1,4-Dioxane	9.231	88	29913	886.767	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	644670	240.124	ug/l	100
52) Toluene	10.176	92	692627	51.209	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	314507	49.363	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	375175	49.892	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	191249	48.882	ug/l	96
56) Ethyl methacrylate	10.445	69	226346	50.154	ug/l	98
57) 1,3-Dichloropropane	10.719	76	304503	49.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	506766	250.659	ug/l	100
59) 2-Hexanone	10.762	43	456965	238.172	ug/l	99
60) Dibromochloromethane	10.914	129	275379	50.203	ug/l	100
61) 1,2-Dibromoethane	11.018	107	180761	48.445	ug/l	99
64) Tetrachloroethene	10.652	164	361369	48.934	ug/l	97
65) Chlorobenzene	11.444	112	769686	49.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	277708	50.099	ug/l	99
67) Ethyl Benzene	11.518	91	1291955	51.310	ug/l	100
68) m/p-Xylenes	11.627	106	1048837	103.851	ug/l	99
69) o-Xylene	11.956	106	484351	51.130	ug/l	100
70) Styrene	11.969	104	824343	52.918	ug/l	99
71) Bromoform	12.133	173	166740	48.493	ug/l #	99
73) Isopropylbenzene	12.255	105	1274598	51.870	ug/l	100
74) N-amyl acetate	12.072	43	207513	47.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	193383	48.117	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	147312m	44.779	ug/l	
77) Bromobenzene	12.530	156	319841	48.960	ug/l	99
78) n-propylbenzene	12.597	91	1488587	52.349	ug/l	100
79) 2-Chlorotoluene	12.682	91	841372	50.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1032904	52.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	63523	47.350	ug/l	99
82) 4-Chlorotoluene	12.779	91	875119	51.029	ug/l	99
83) tert-Butylbenzene	12.999	119	948156	51.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1033130	52.134	ug/l	100
85) sec-Butylbenzene	13.176	105	1383925	52.621	ug/l	99
86) p-Isopropyltoluene	13.292	119	1171485	52.317	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	628264	49.387	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	614737	48.928	ug/l	100
89) n-Butylbenzene	13.615	91	1023002	52.432	ug/l	100
90) Hexachloroethane	13.883	117	246469	51.176	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	541706	48.570	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29887	45.321	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	329820	47.435	ug/l	99
94) Hexachlorobutadiene	15.023	225	208858	48.188	ug/l	98
95) Naphthalene	15.145	128	510225	46.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	280314	46.544	ug/l	99

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

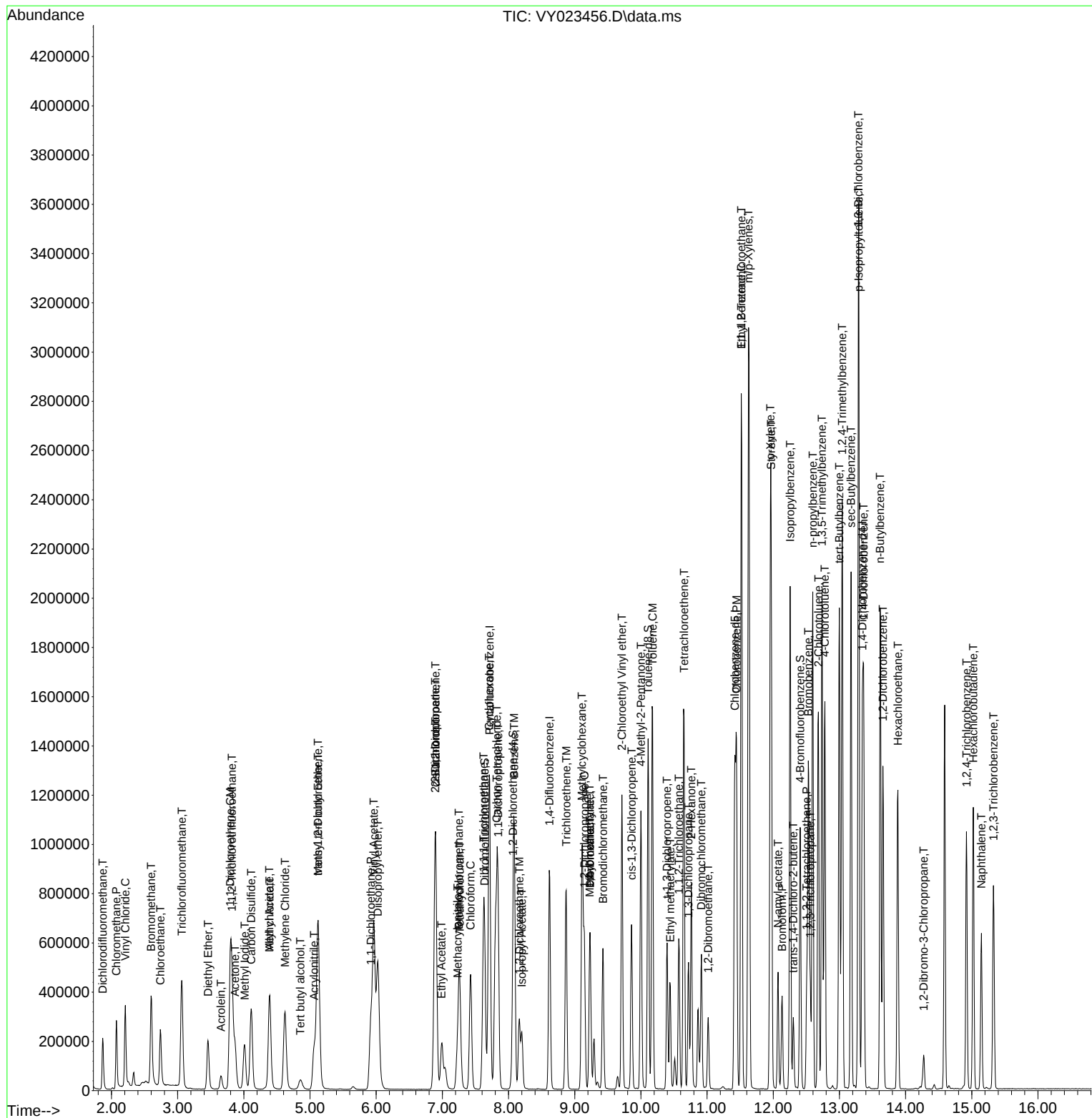
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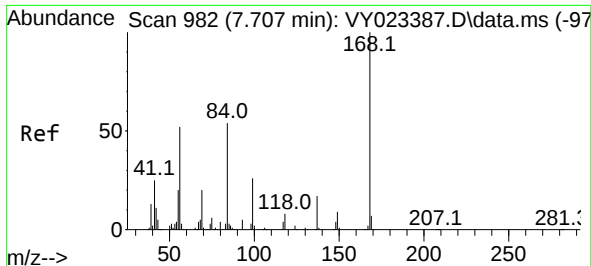
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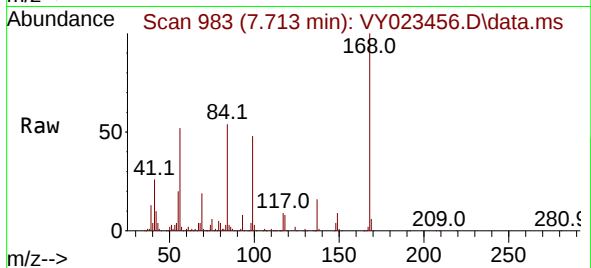
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023456.D
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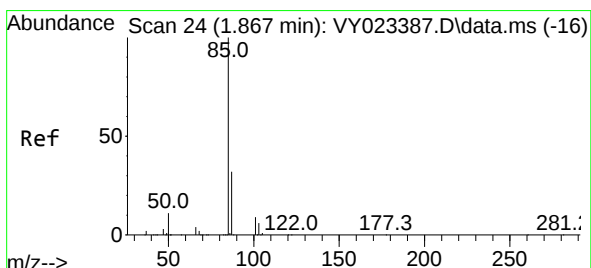
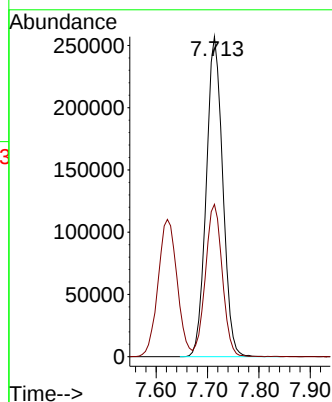
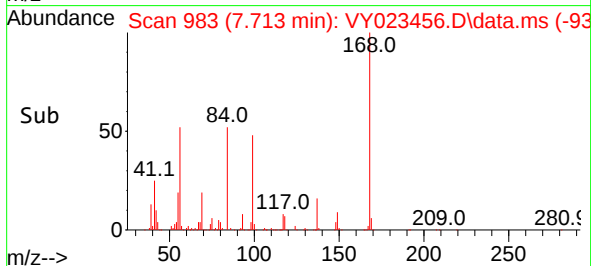
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 57172
Ion Ratio Lower Upper
168 100
99 47.6 39.7 59.5

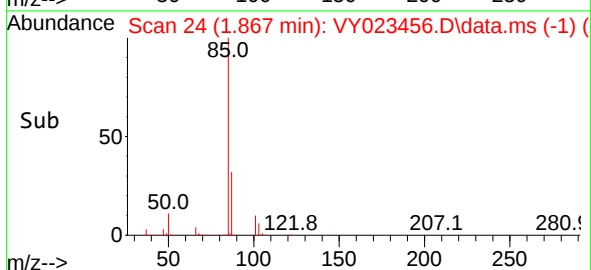
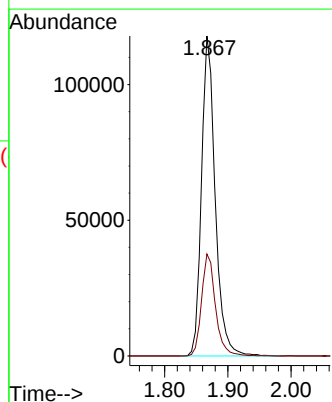
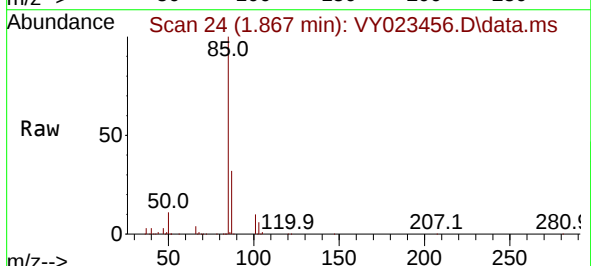
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#2
Dichlorodifluoromethane
Concen: 43.202 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion: 85 Resp: 177782
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9





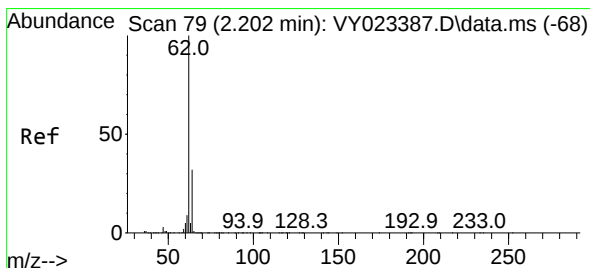
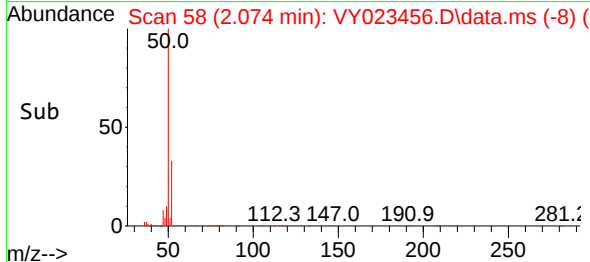
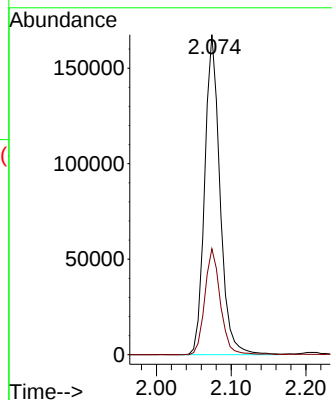
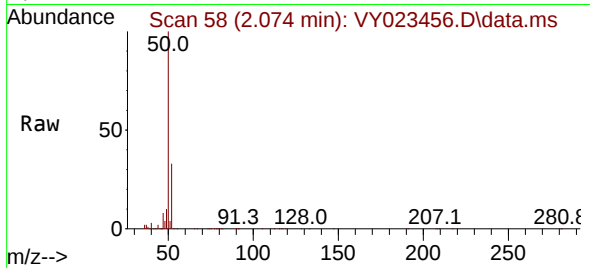
#3
Chloromethane
Concen: 42.558 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 238579
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

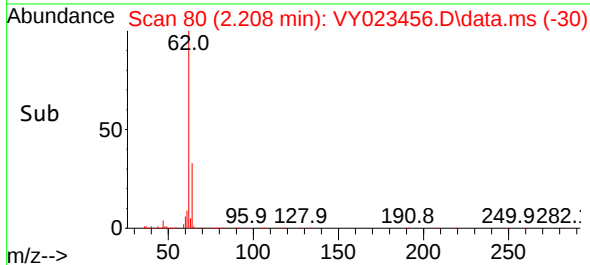
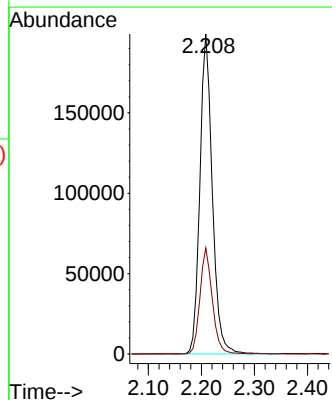
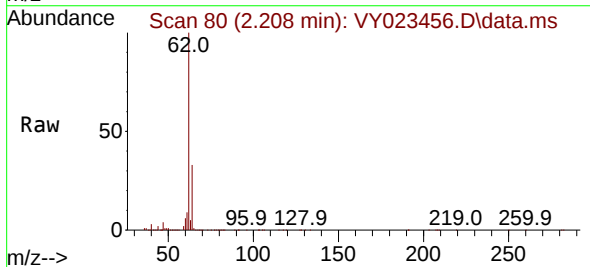
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#4
Vinyl Chloride
Concen: 44.513 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

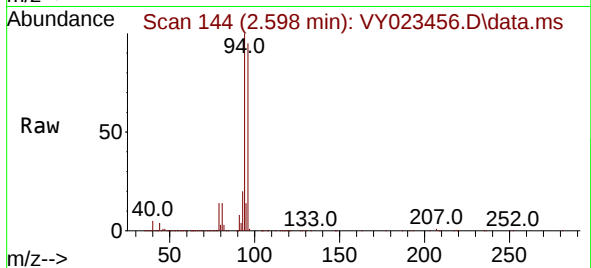
Tgt Ion: 62 Resp: 325020
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.8





#5
Bromomethane
Concen: 43.638 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

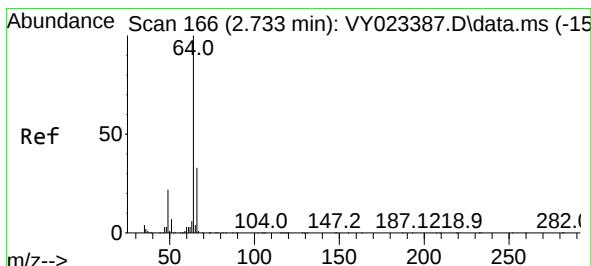
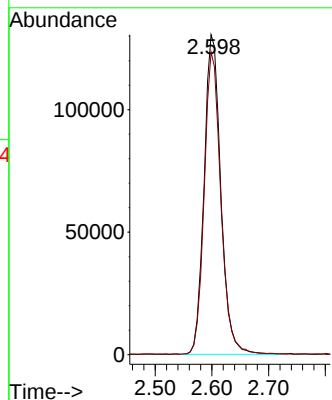
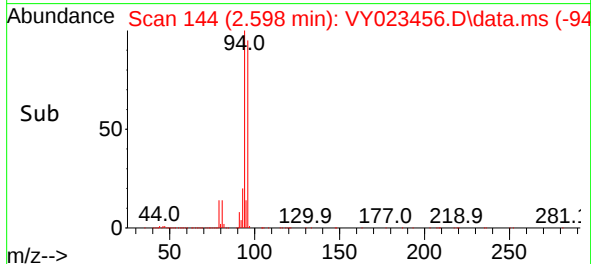
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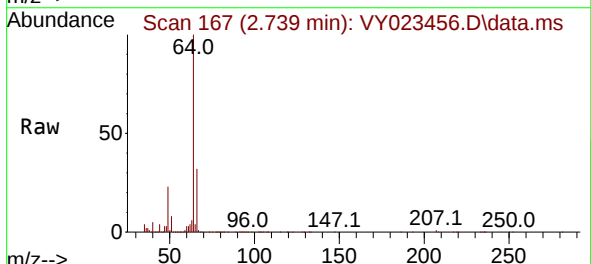
Tgt Ion: 94 Resp: 267390
Ion Ratio Lower Upper
94 100
96 94.5 74.5 111.7

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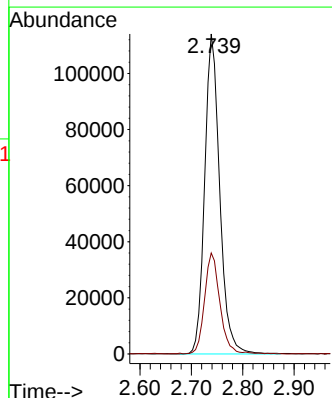
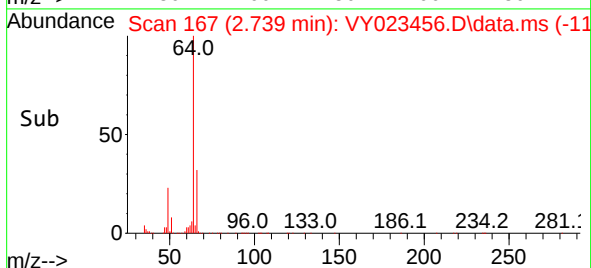
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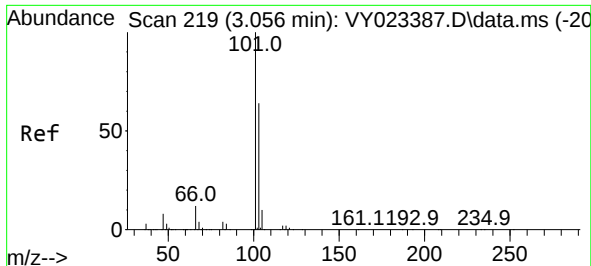


#6
Chloroethane
Concen: 46.566 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



Tgt Ion: 64 Resp: 231769
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





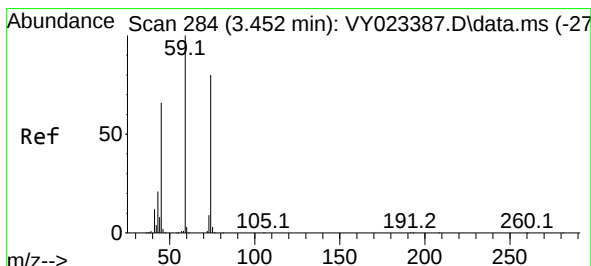
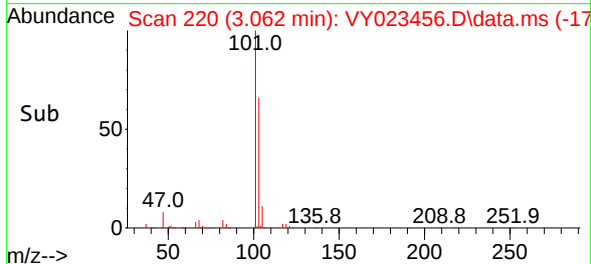
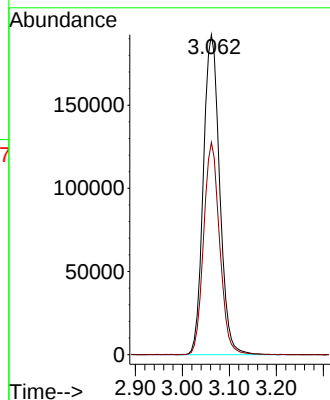
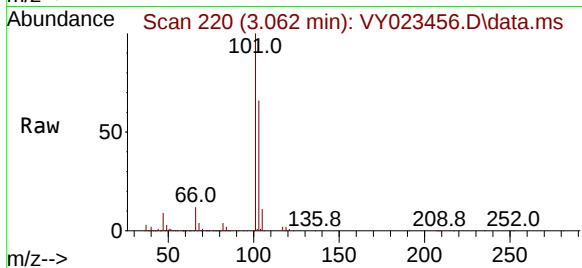
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 Trichlorofluoromethane
 Concen: 45.679 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023456.D
 Acq: 14 Oct 2025 11:25

Instrument :
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Tgt Ion:101 Resp: 463109
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.3 76.9

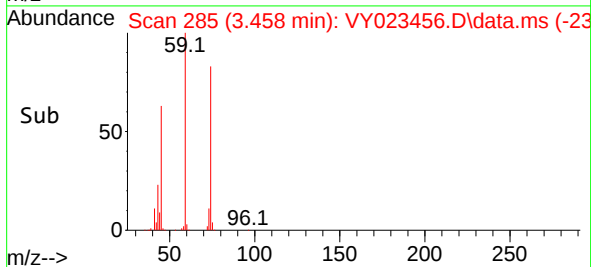
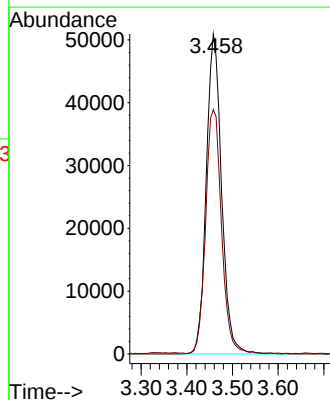
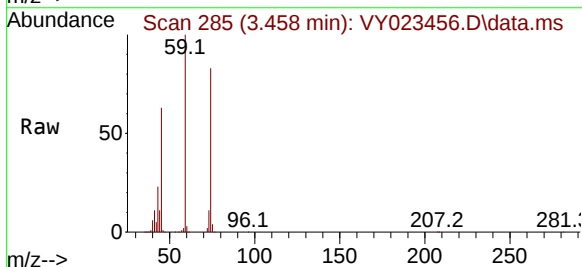
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#8
 Diethyl Ether
 Concen: 44.671 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023456.D
 Acq: 14 Oct 2025 11:25

Tgt Ion: 74 Resp: 118343
 Ion Ratio Lower Upper
 74 100
 45 79.3 39.9 119.7





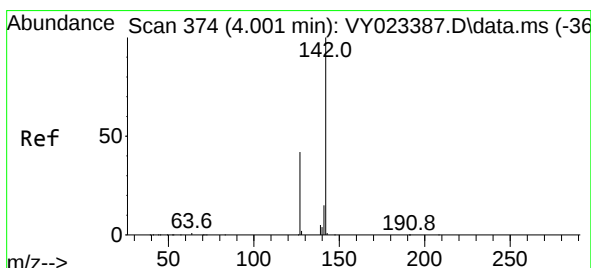
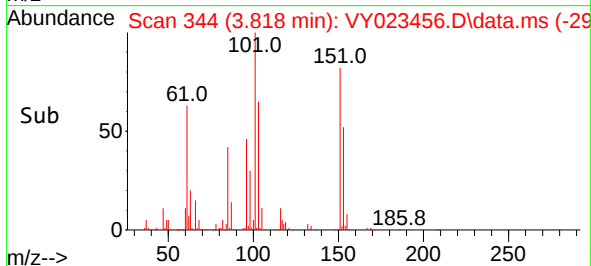
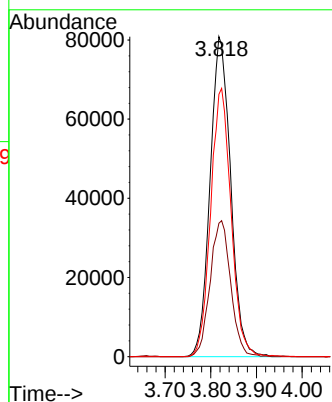
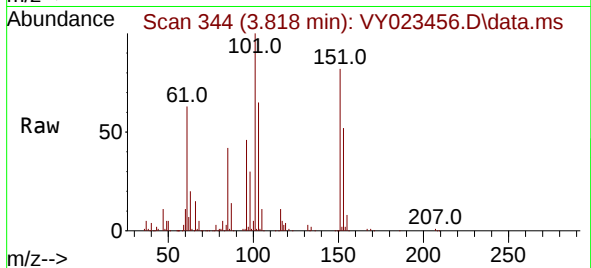
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.040 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 252738
Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 83.1 67.0 100.6

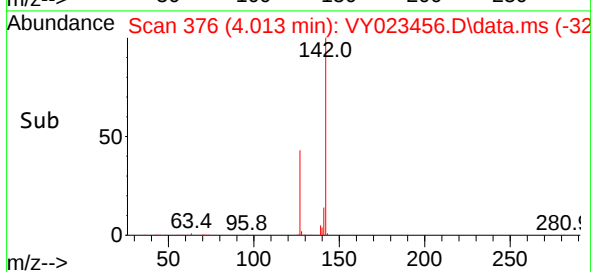
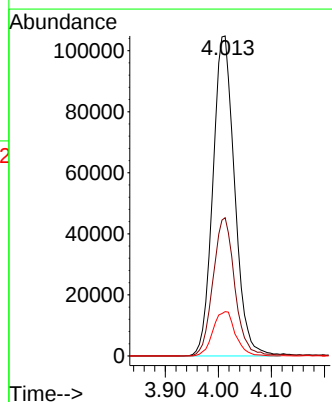
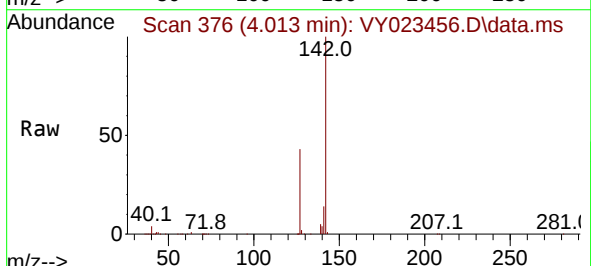
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 50.981 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion:142 Resp: 298585
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.3 11.6 17.4





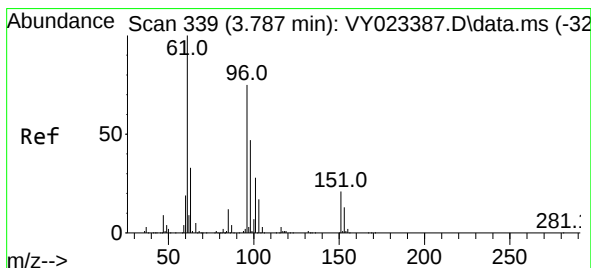
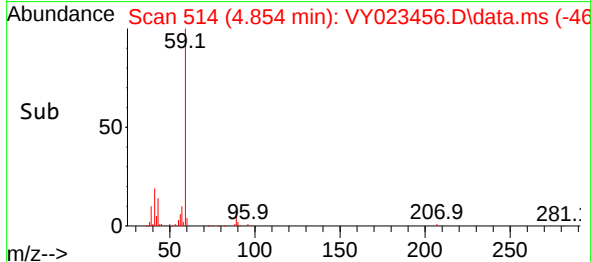
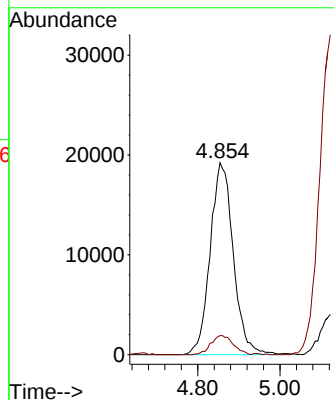
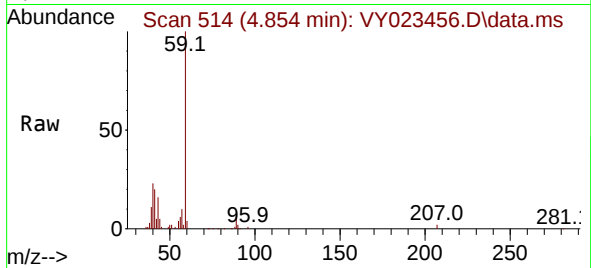
#11
Tert butyl alcohol
Concen: 211.390 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75184
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

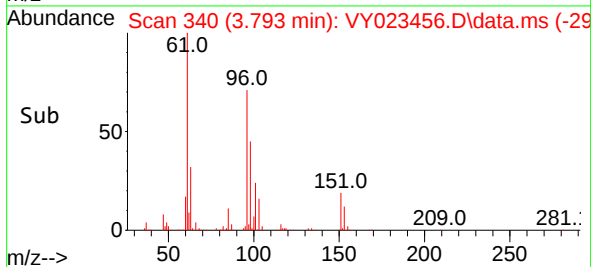
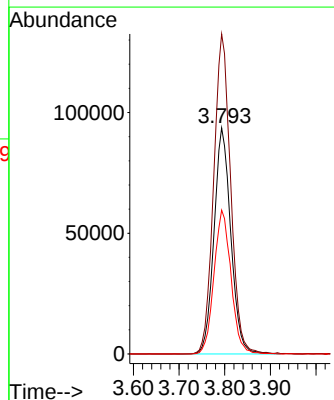
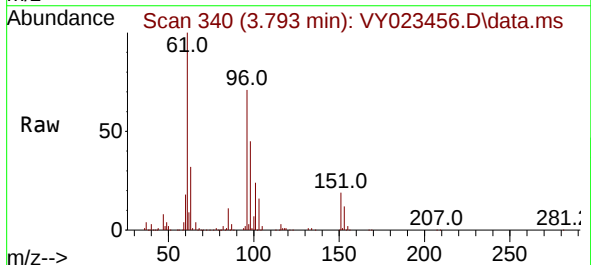
Manual Integrations
APPROVED

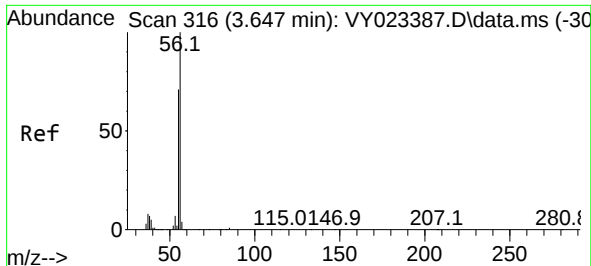
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#12
1,1-Dichloroethene
Concen: 46.916 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

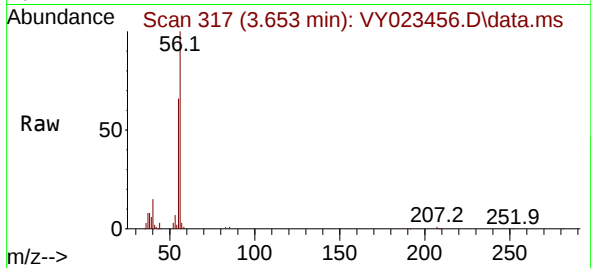
Tgt Ion: 96 Resp: 239265
Ion Ratio Lower Upper
96 100
61 141.5 106.7 160.1
98 63.6 50.2 75.4





#13
Acrolein
Concen: 128.493 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

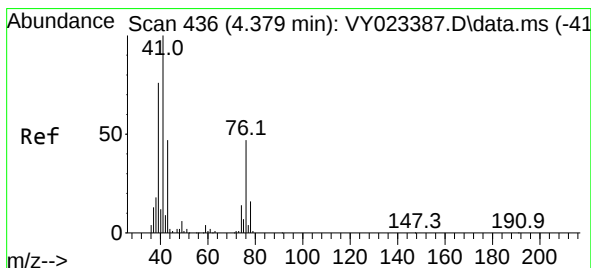
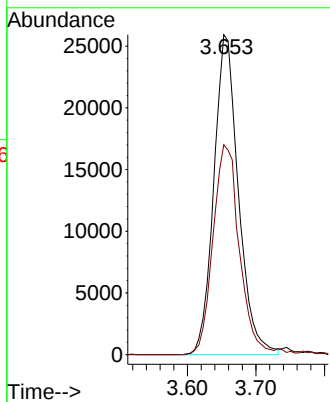
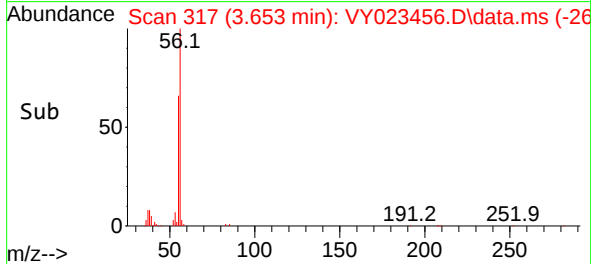
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



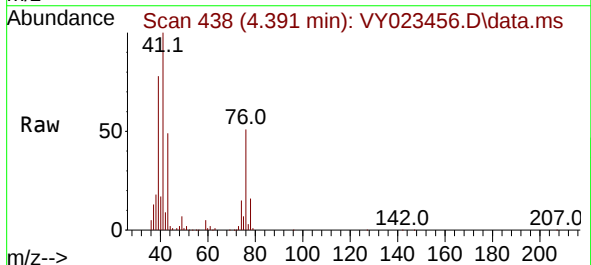
Tgt Ion: 56 Resp: 64570
Ion Ratio Lower Upper
56 100
55 69.9 56.1 84.1

Manual Integrations
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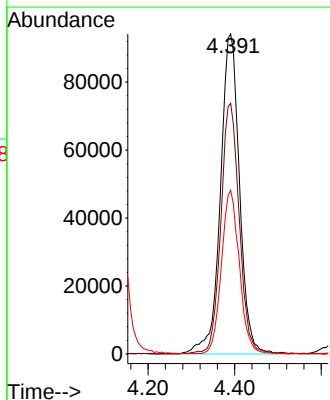
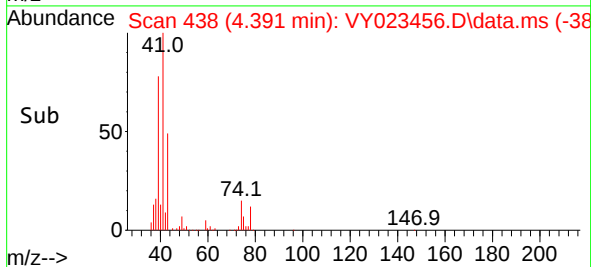
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 46.523 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



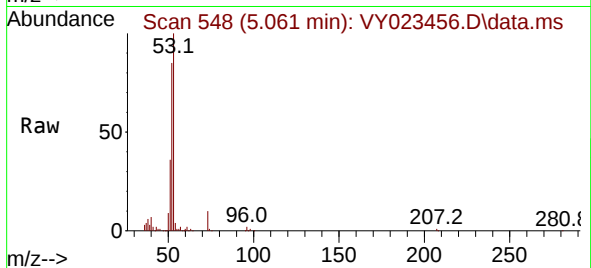
Tgt Ion: 41 Resp: 289158
Ion Ratio Lower Upper
41 100
39 75.7 59.9 89.9
76 48.0 38.0 57.0





#15
Acrylonitrile
Concen: 224.609 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

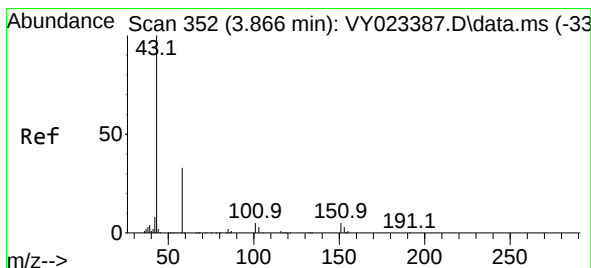
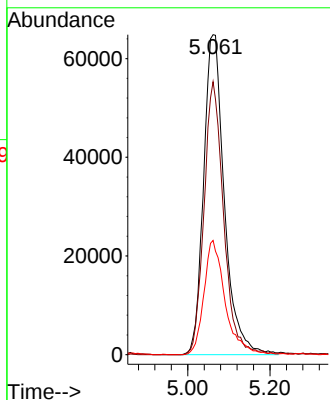
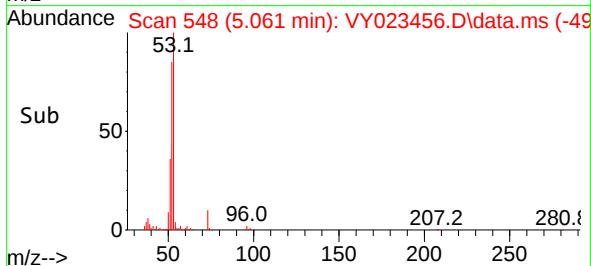
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



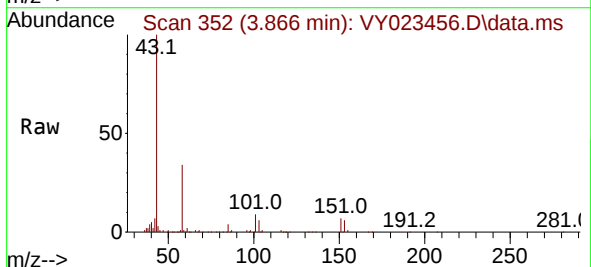
Tgt Ion: 53 Resp: 227715
Ion Ratio Lower Upper
53 100
52 80.6 64.6 97.0
51 36.5 29.5 44.3

Manual Integrations
APPROVED

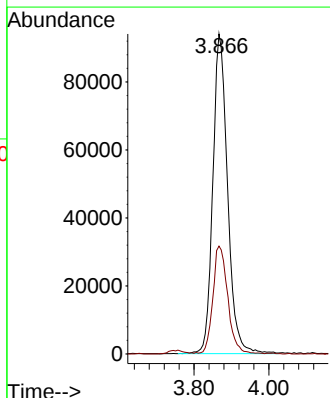
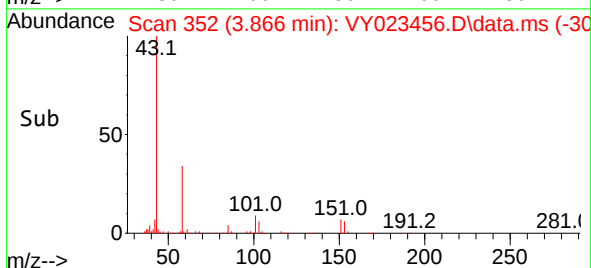
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

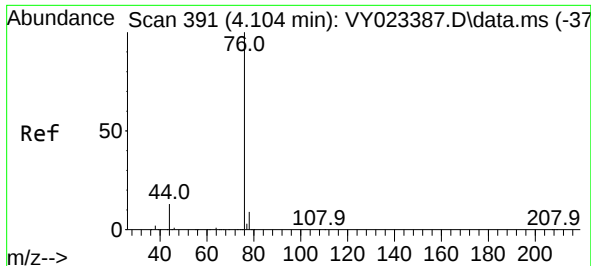


#16
Acetone
Concen: 226.315 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



Tgt Ion: 43 Resp: 257583
Ion Ratio Lower Upper
43 100
58 33.6 27.7 41.5





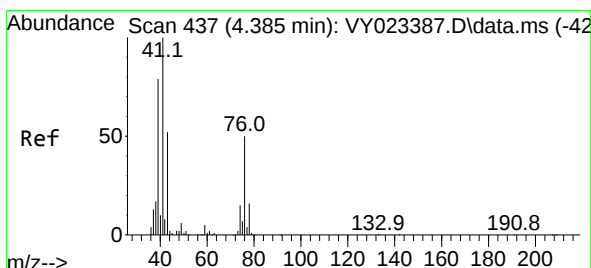
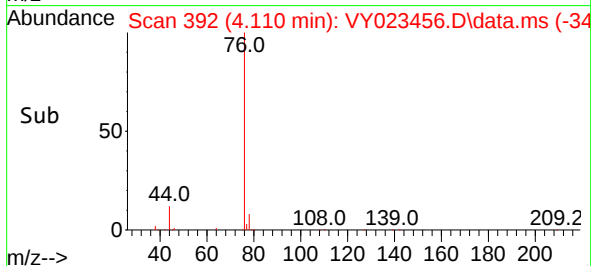
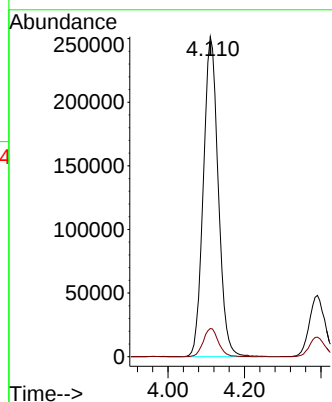
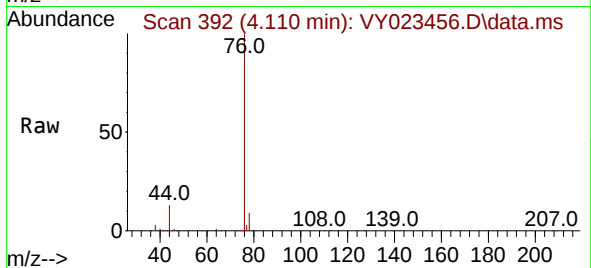
#17
Carbon Disulfide
Concen: 46.628 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 680600
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

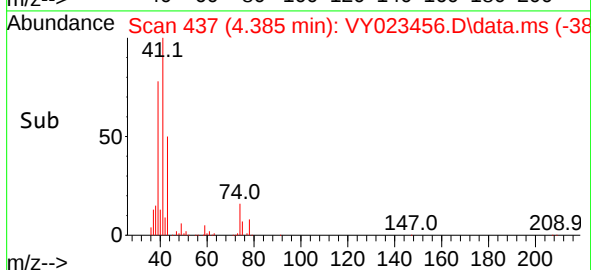
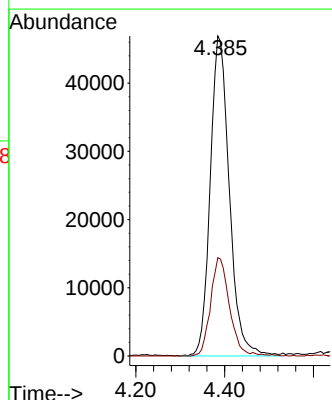
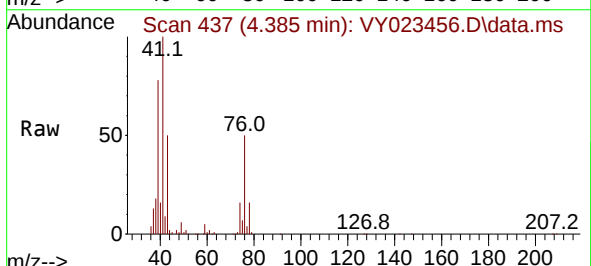
Manual Integrations
APPROVED

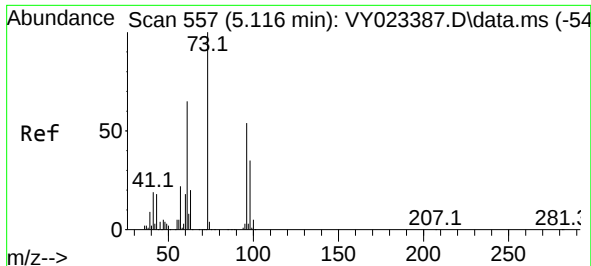
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#18
Methyl Acetate
Concen: 46.956 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion: 43 Resp: 140195
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 46.284 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 56731

Ion Ratio Lower Upper

73 100

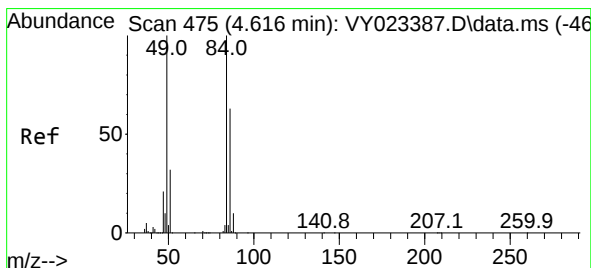
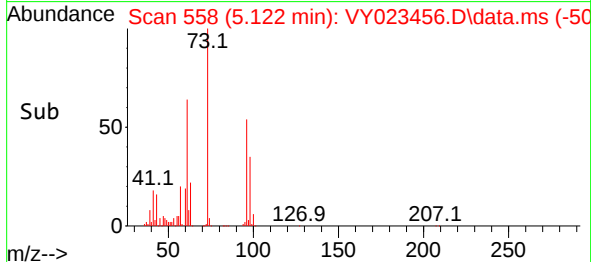
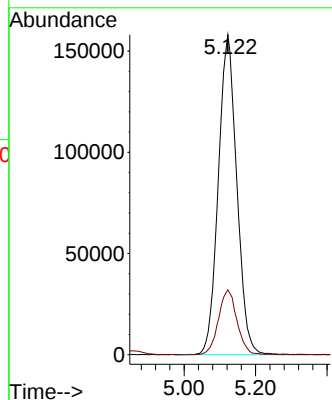
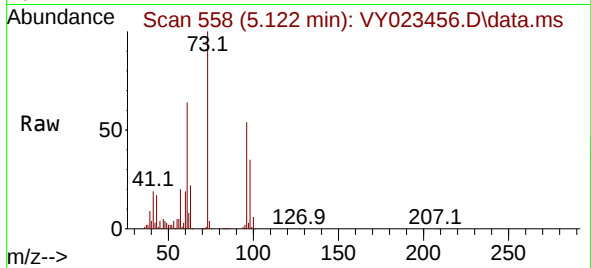
57 20.3 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#20

Methylene Chloride

Concen: 42.404 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Tgt Ion: 84 Resp: 260976

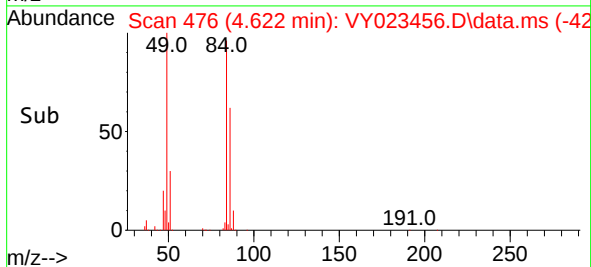
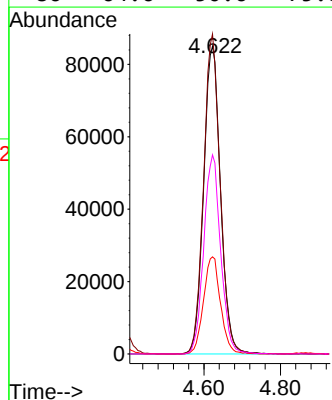
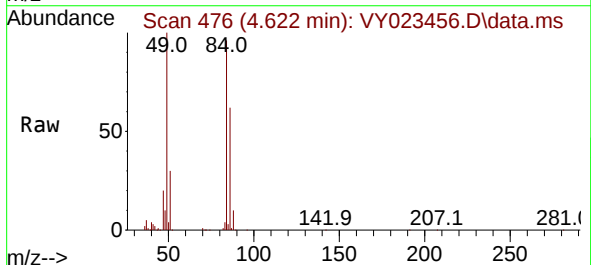
Ion Ratio Lower Upper

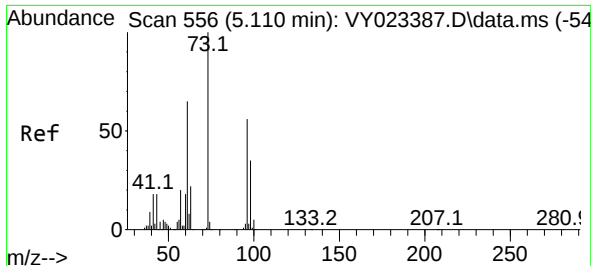
84 100

49 103.9 80.2 120.4

51 31.5 25.9 38.9

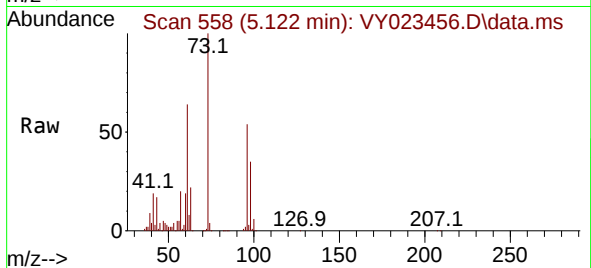
86 64.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.673 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

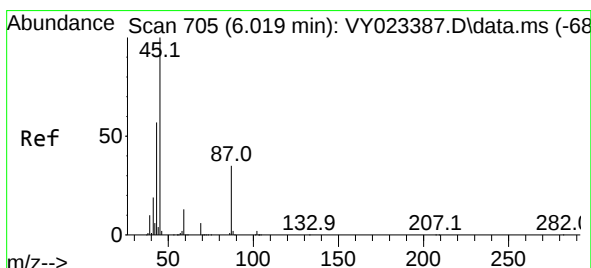
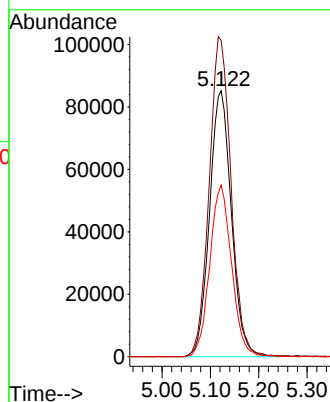
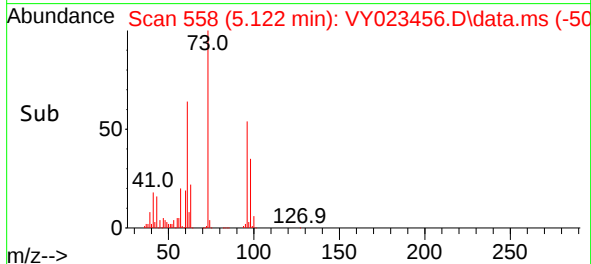
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



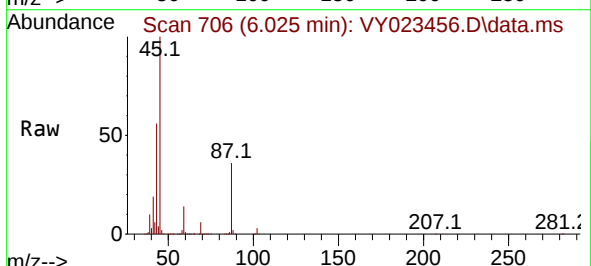
Tgt Ion: 96 Resp: 267679
Ion Ratio Lower Upper
96 100
61 119.0 92.7 139.1
98 64.5 49.7 74.5

Manual Integrations
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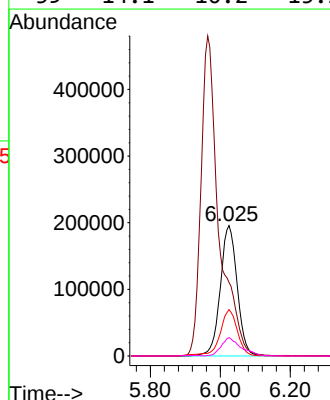
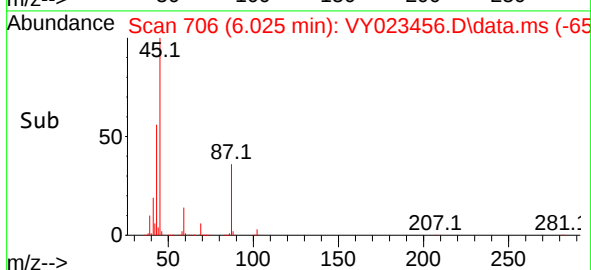
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#22
Diisopropyl ether
Concen: 47.611 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



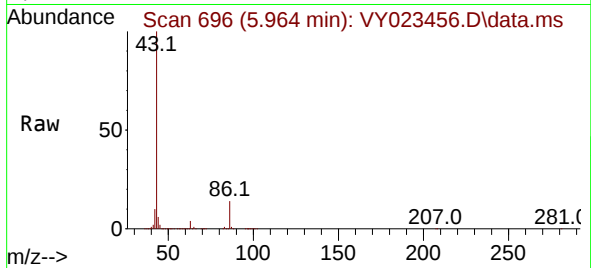
Tgt Ion: 45 Resp: 654558
Ion Ratio Lower Upper
45 100
43 56.3 45.6 68.4
87 35.6 28.1 42.1
59 14.1 10.2 15.2





#23
 Vinyl Acetate
 Concen: 229.609 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023456.D
 Acq: 14 Oct 2025 11:25

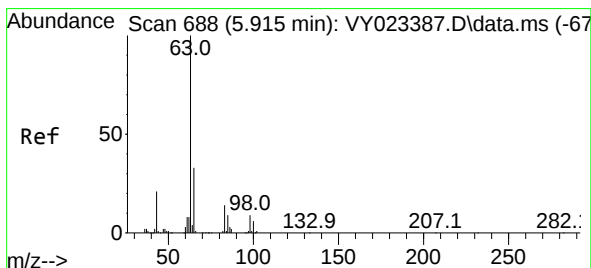
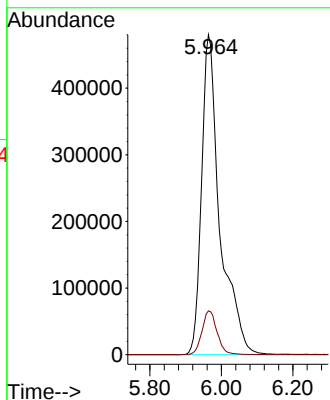
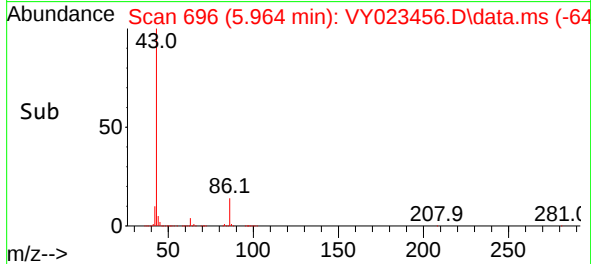
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



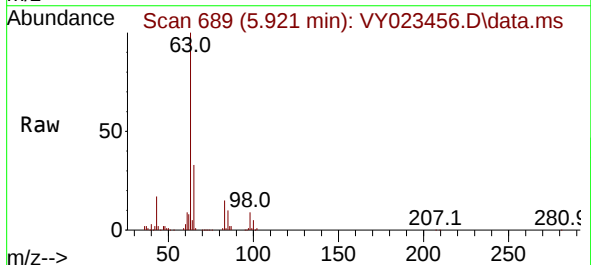
Tgt Ion: 43 Resp: 1708649
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8

Manual Integrations
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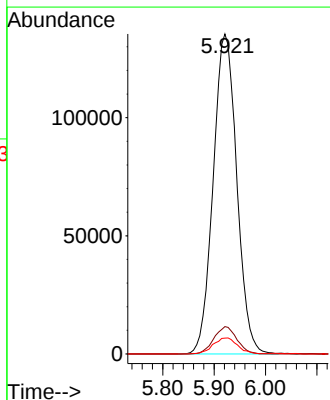
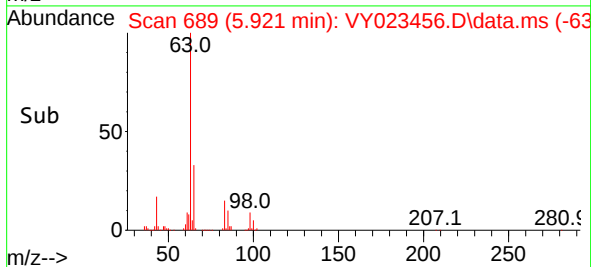
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#24
 1,1-Dichloroethane
 Concen: 47.394 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023456.D
 Acq: 14 Oct 2025 11:25



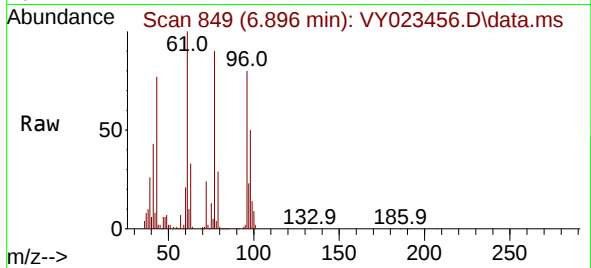
Tgt Ion: 63 Resp: 431610
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 13.1
 100 5.0 2.8 8.4





#25
2-Butanone
Concen: 217.573 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

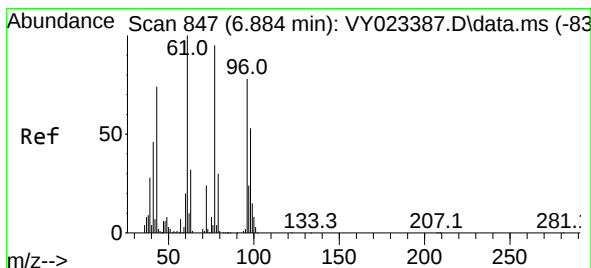
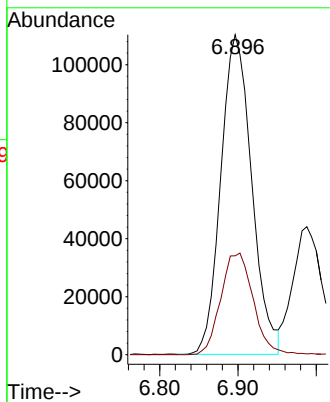
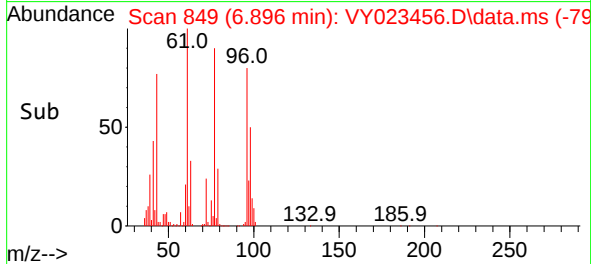
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



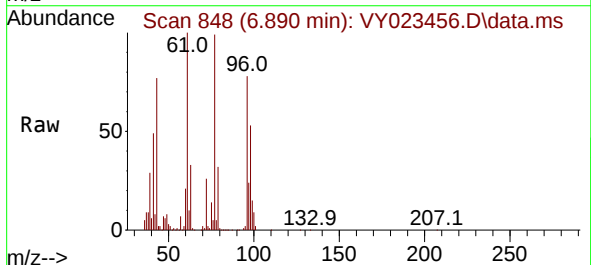
Tgt Ion: 43 Resp: 30232
Ion Ratio Lower Upper
43 100
72 30.9 27.4 41.2

Manual Integrations
APPROVED

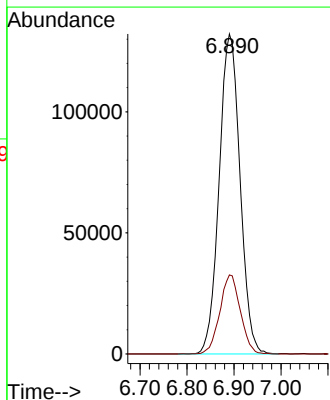
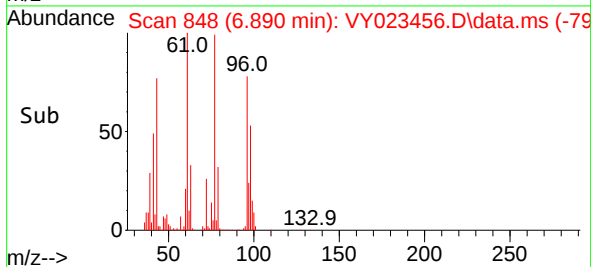
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 48.846 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



Tgt Ion: 77 Resp: 408175
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 47.902 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

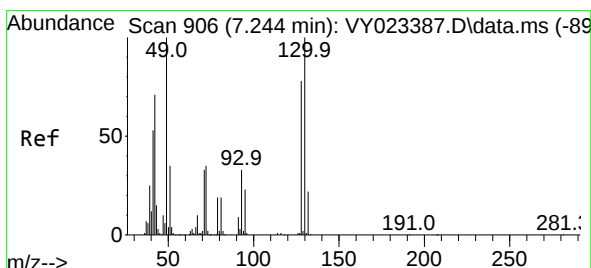
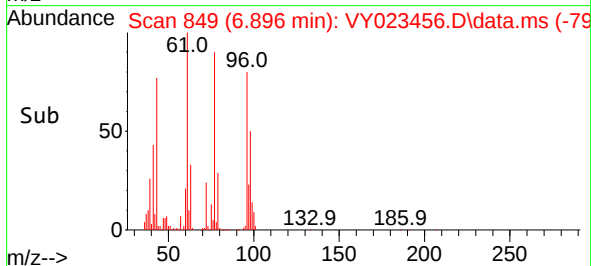
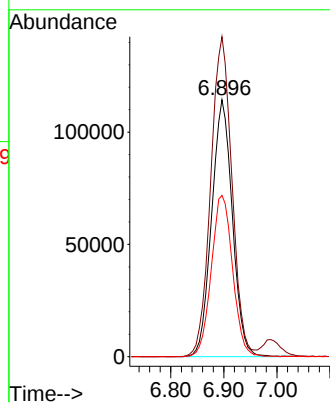
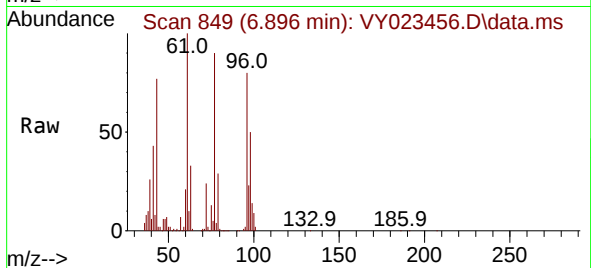
VSTDCCC050

Tgt Ion:	96	Resp:	31068
Ion	Ratio	Lower	Upper
96	100		
61	127.9	0.0	258.2
98	64.5	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 43.977 ug/l

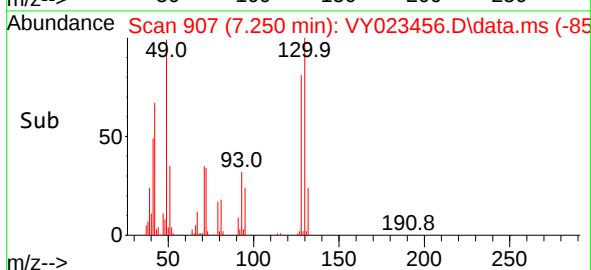
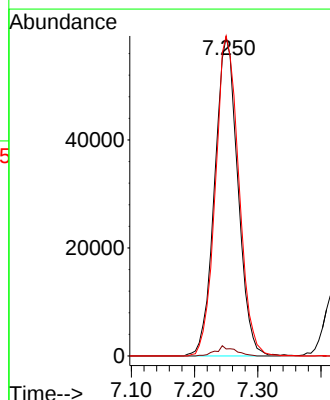
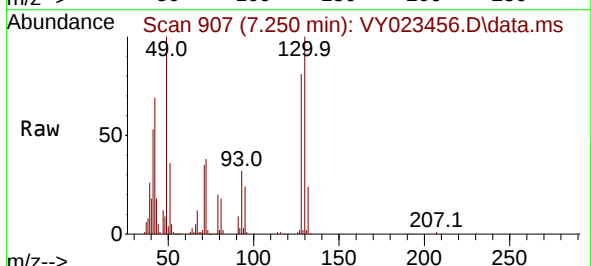
RT: 7.250 min Scan# 907

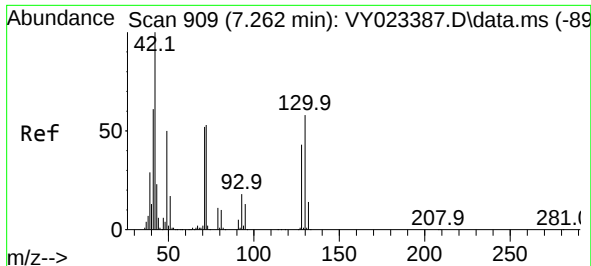
Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Tgt Ion:	49	Resp:	149509
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	101.4	81.9	122.9





#29

Tetrahydrofuran

Concen: 217.065 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

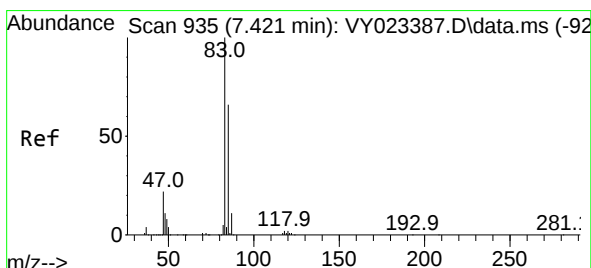
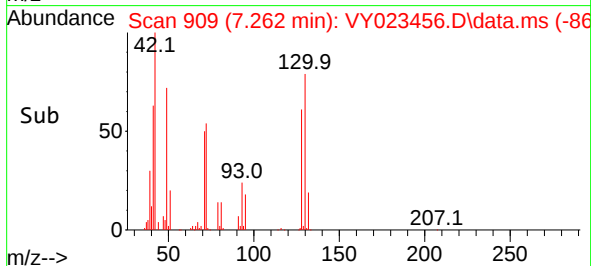
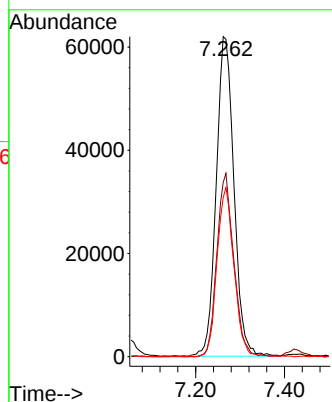
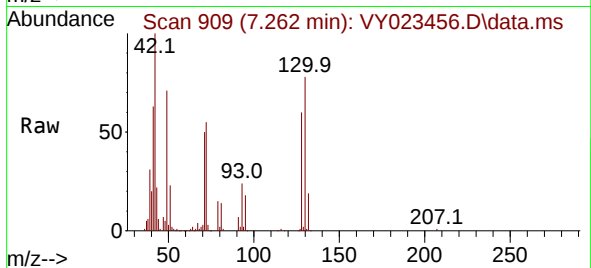
VSTDCCC050

Tgt Ion:	42	Resp:	17103
Ion Ratio	Lower	Upper	
42	100		
72	54.8	43.0	64.6
71	50.5	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#30

Chloroform

Concen: 47.867 ug/l

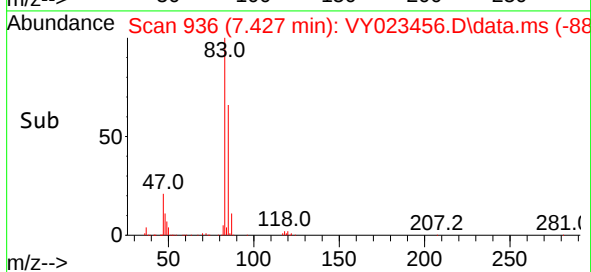
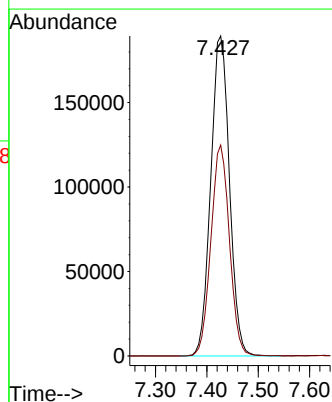
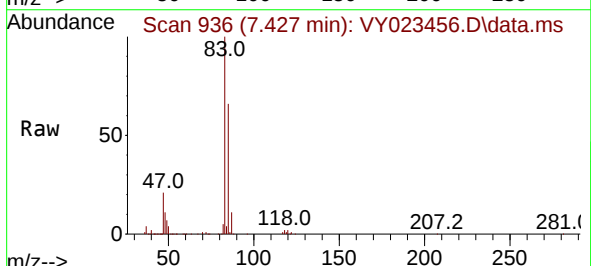
RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

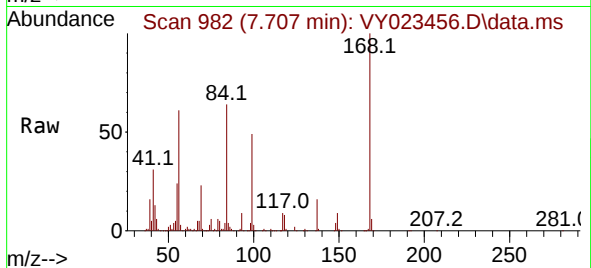
Tgt Ion:	83	Resp:	478940
Ion Ratio	Lower	Upper	
83	100		
85	65.9	52.5	78.7





#31
Cyclohexane
Concen: 44.658 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

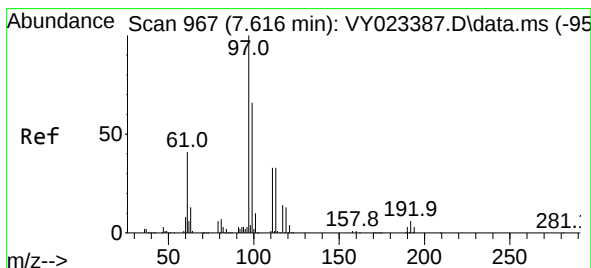
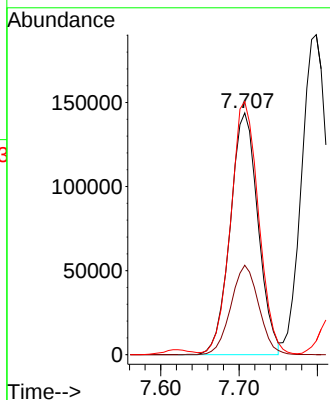
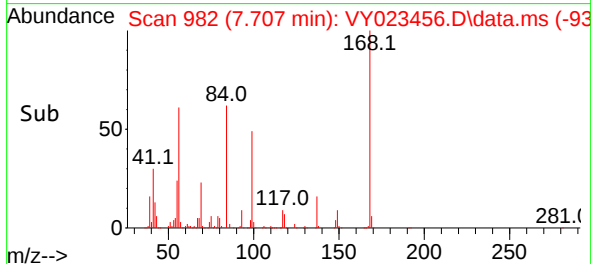
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



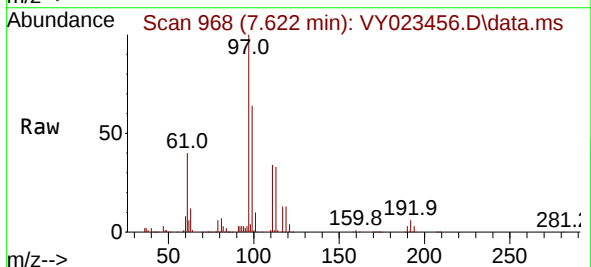
Tgt Ion: 56 Resp: 355162
Ion Ratio Lower Upper
56 100
69 37.0 30.0 45.0
84 102.6 81.2 121.8

Manual Integrations
APPROVED

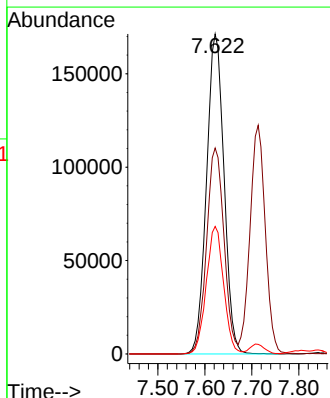
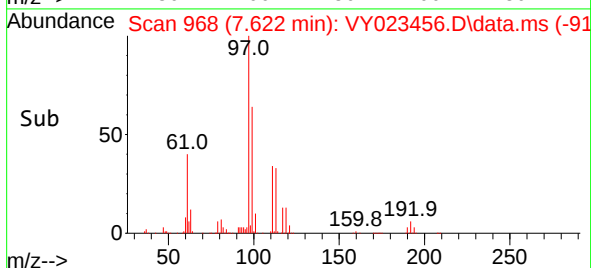
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

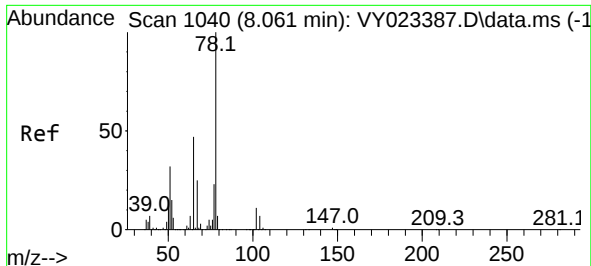


#32
1,1,1-Trichloroethane
Concen: 48.593 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



Tgt Ion: 97 Resp: 441848
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.418 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 221910

Ion Ratio Lower Upper

65 100

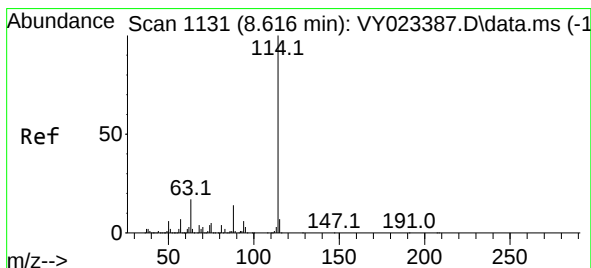
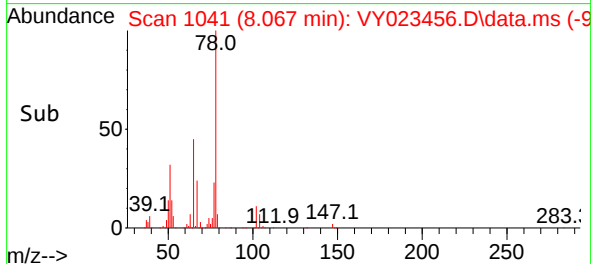
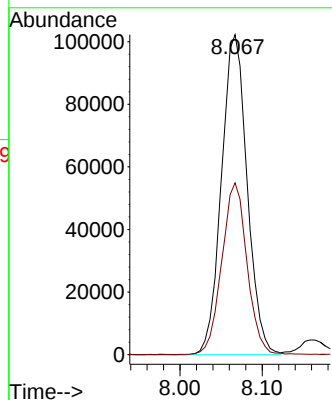
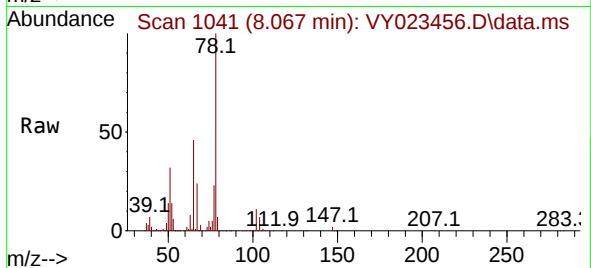
67 52.9 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

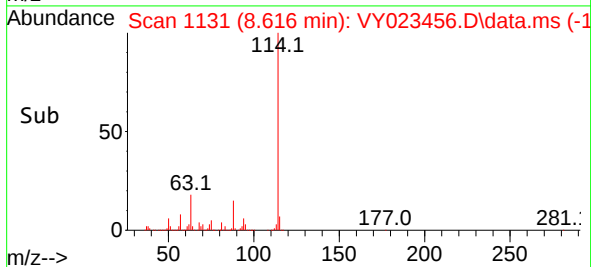
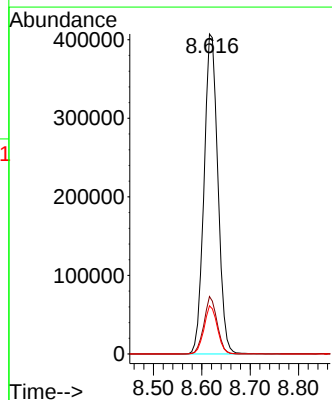
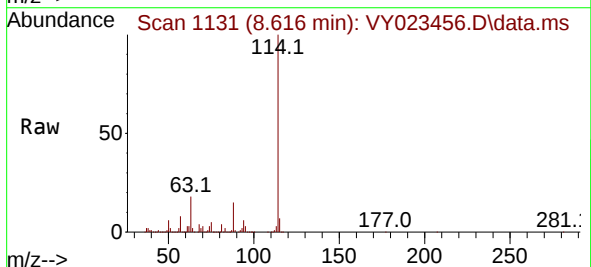
Tgt Ion:114 Resp: 808604

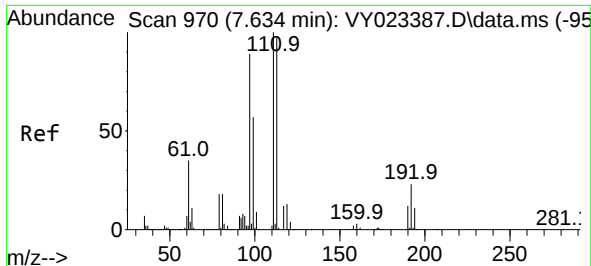
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.2

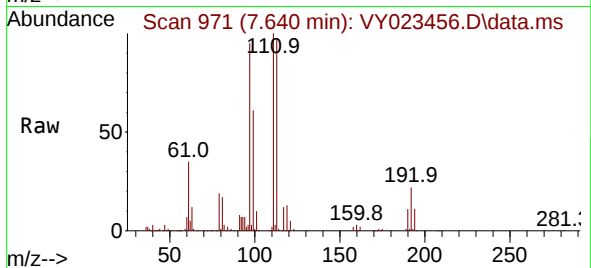
88 15.0 0.0 28.4





#35
Dibromofluoromethane
Concen: 50.075 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

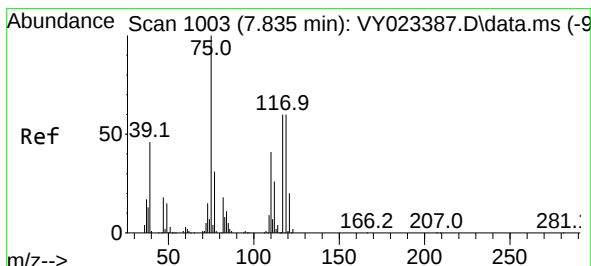
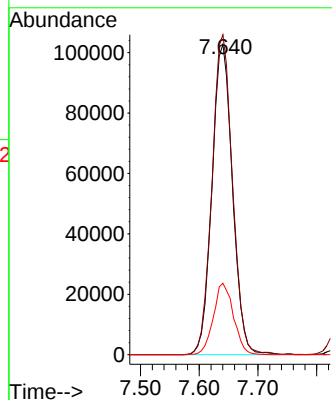
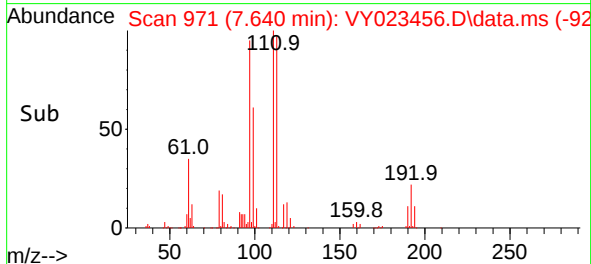
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



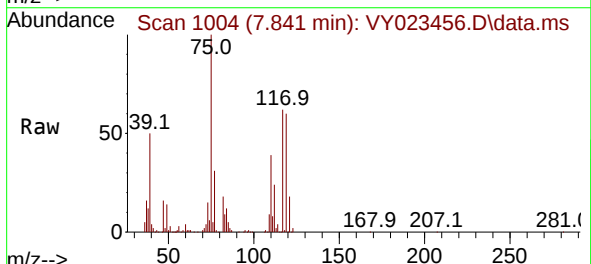
Tgt Ion:113 Resp: 248799
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 22.6 18.0 27.0

Manual Integrations
APPROVED

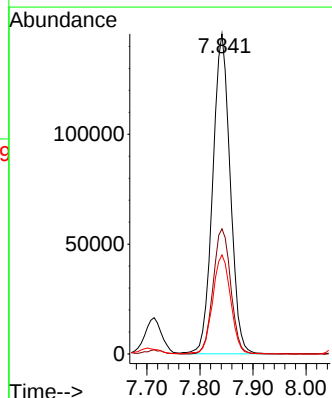
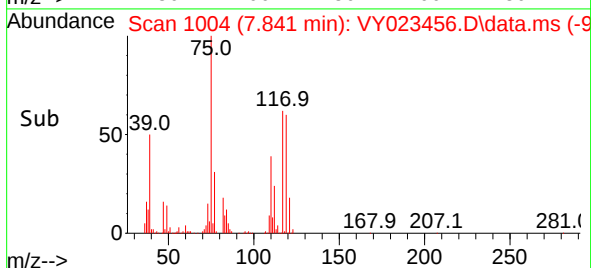
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

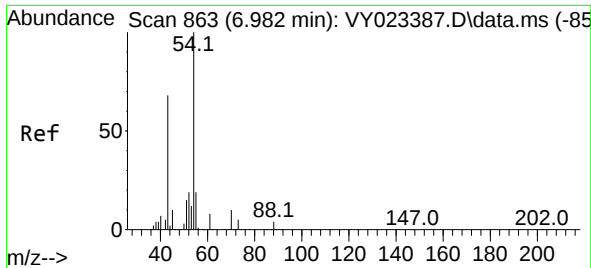


#36
1,1-Dichloropropene
Concen: 50.717 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



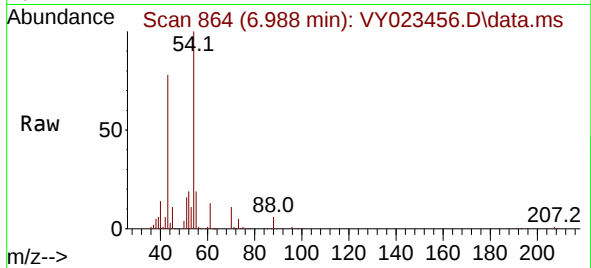
Tgt Ion: 75 Resp: 333607
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 31.7 25.0 37.6





#37
Ethyl Acetate
Concen: 45.807 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

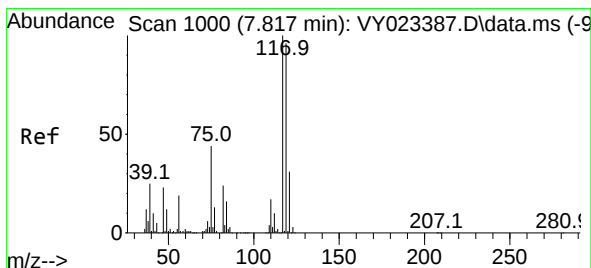
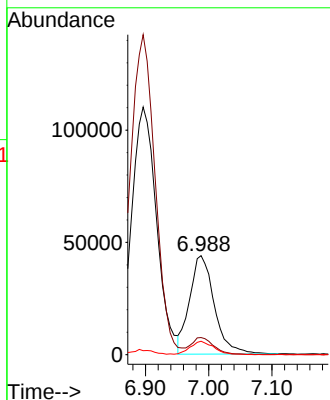
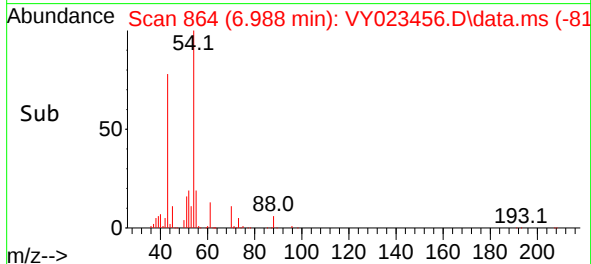
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



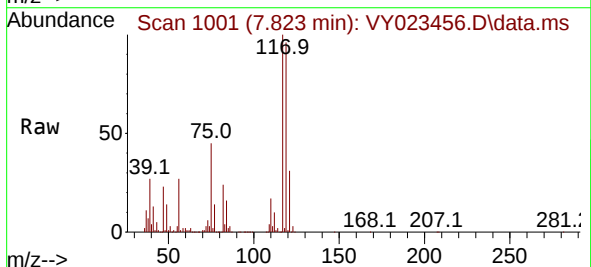
Tgt Ion: 43 Resp: 119370
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 13.1 10.5 15.7

Manual Integrations
APPROVED

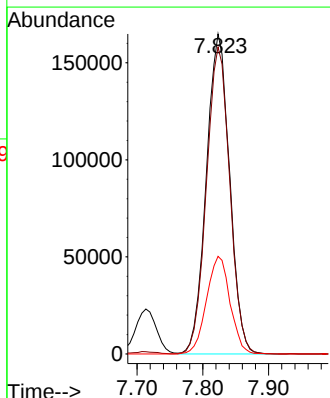
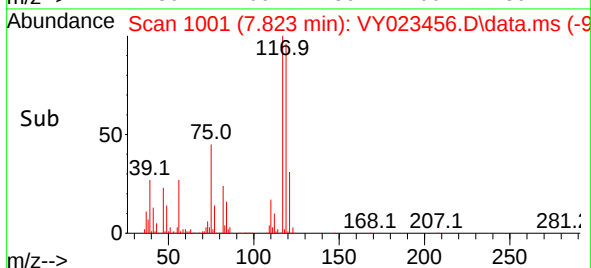
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

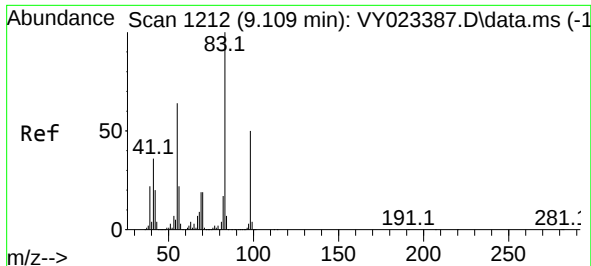


#38
Carbon Tetrachloride
Concen: 50.989 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



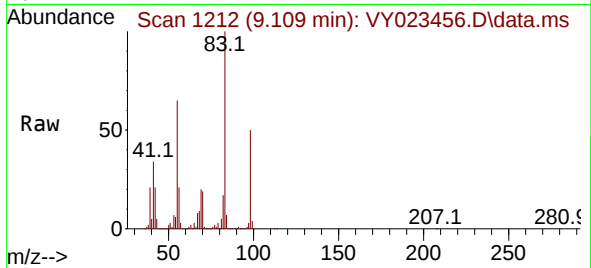
Tgt Ion:117 Resp: 406679
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 30.5 24.5 36.7





#39
Methylcyclohexane
Concen: 50.800 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

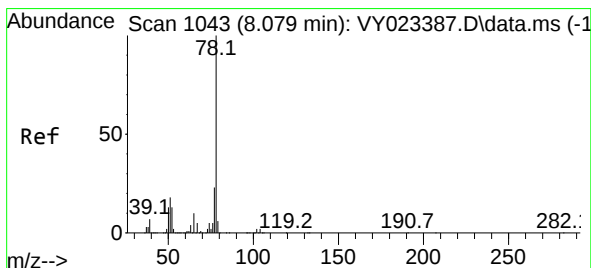
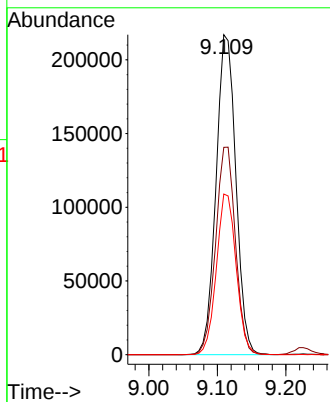
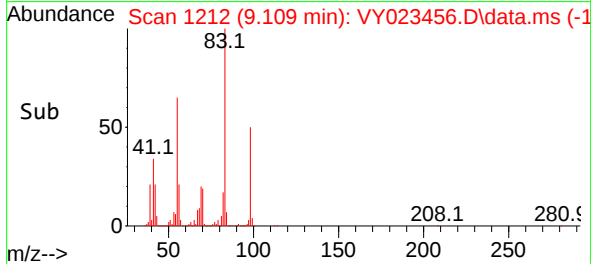
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 43506
Ion Ratio Lower Upper
83 100
55 64.8 51.4 77.2
98 50.2 40.4 60.6

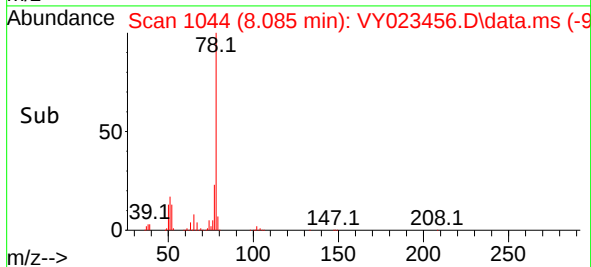
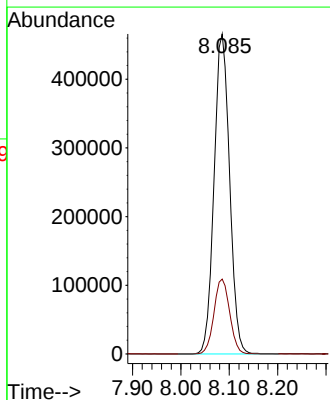
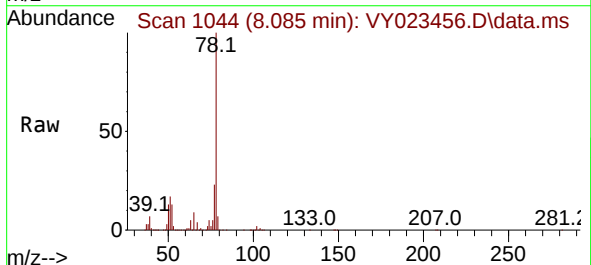
Manual Integrations
APPROVED

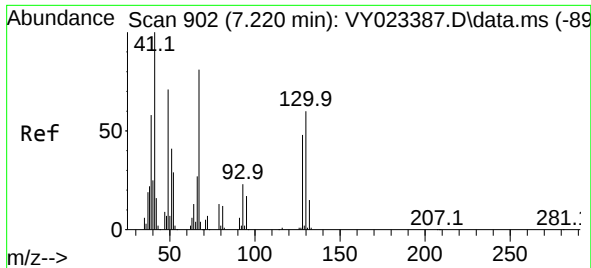
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#40
Benzene
Concen: 49.775 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

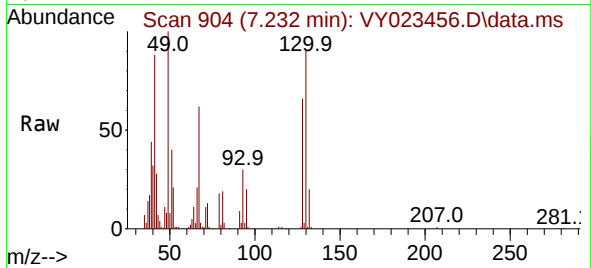
Tgt Ion: 78 Resp: 1036881
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5





#41
Methacrylonitrile
Concen: 45.950 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

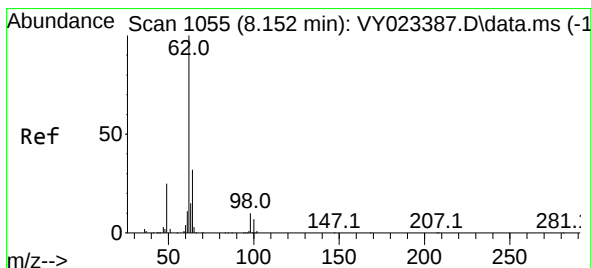
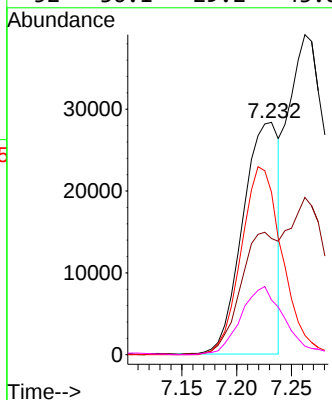
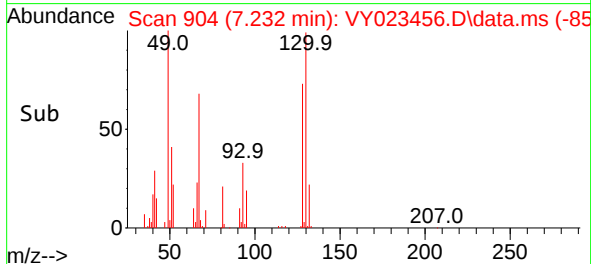
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



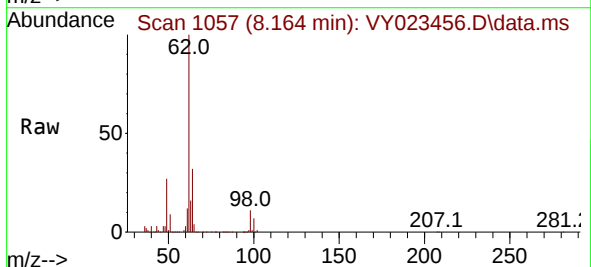
Tgt Ion: 41 Resp: 6476
Ion Ratio Lower Upper
41 100
39 55.1 52.2 78.4
67 92.8 74.9 112.3
52 36.1 29.2 43.8

Manual Integrations
APPROVED

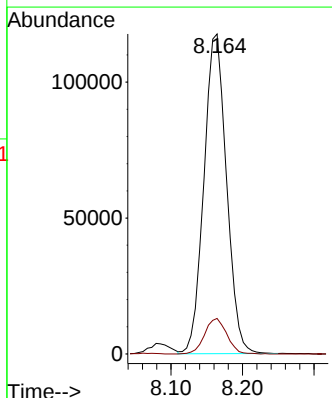
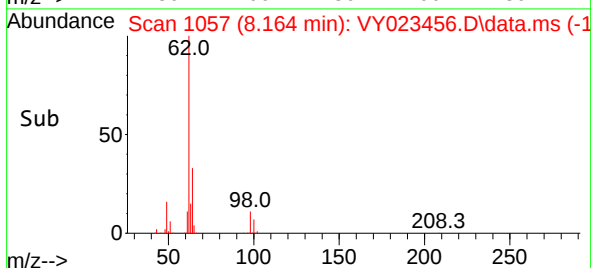
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

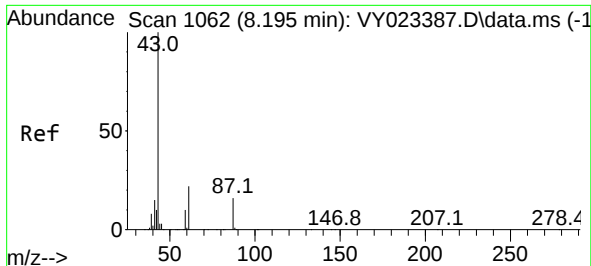


#42
1,2-Dichloroethane
Concen: 48.053 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



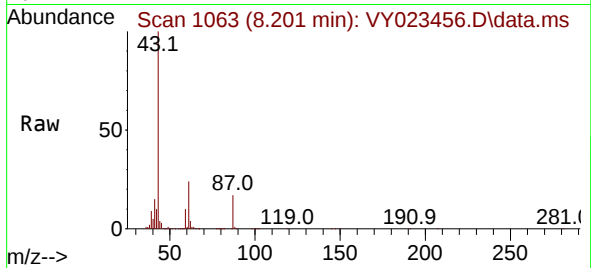
Tgt Ion: 62 Resp: 258162
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.6





#43
Isopropyl Acetate
Concen: 46.010 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

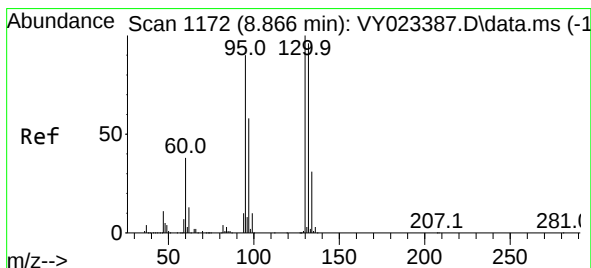
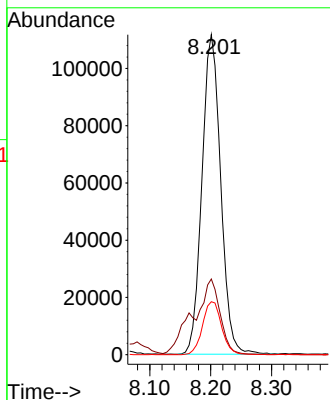
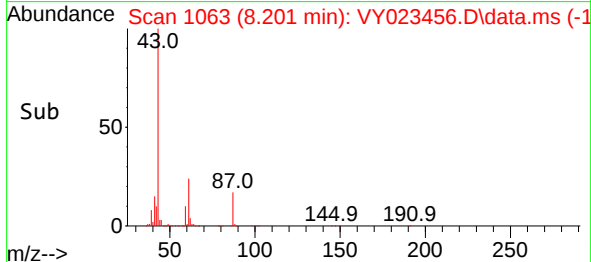
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



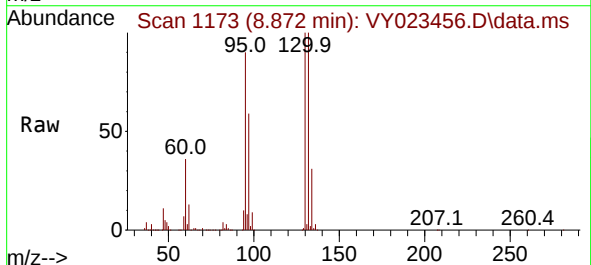
Tgt Ion: 43 Resp: 239079
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 16.9 13.5 20.3

Manual Integrations
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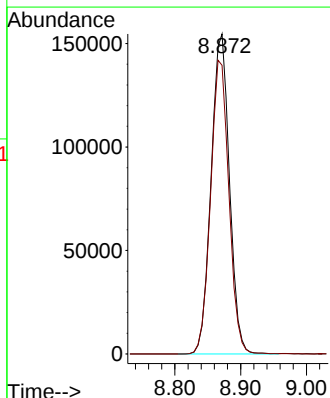
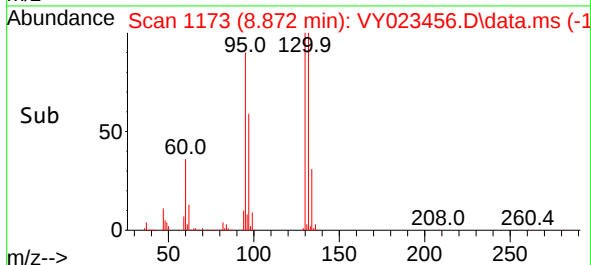
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

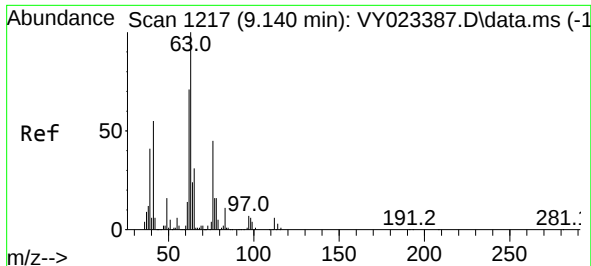


#44
Trichloroethene
Concen: 49.212 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



Tgt Ion:130 Resp: 300046
Ion Ratio Lower Upper
130 100
95 90.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.659 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22848

Ion Ratio Lower Upper

63 100

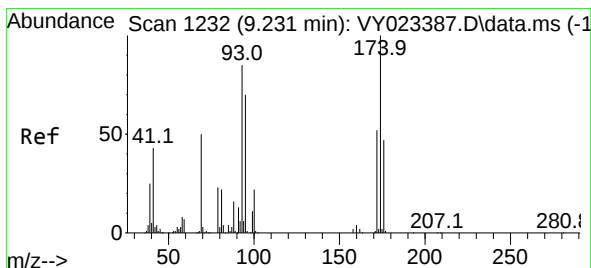
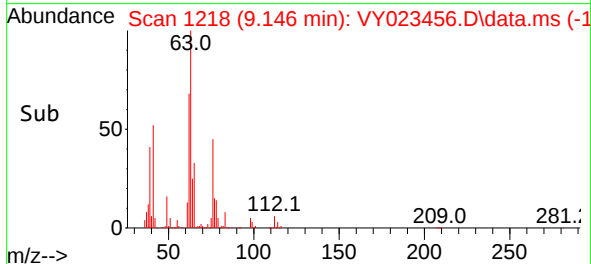
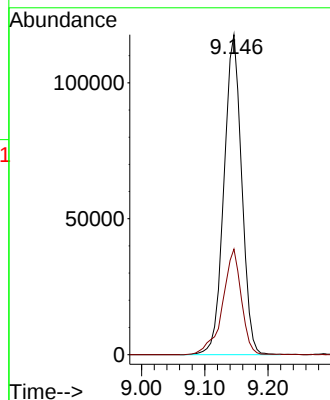
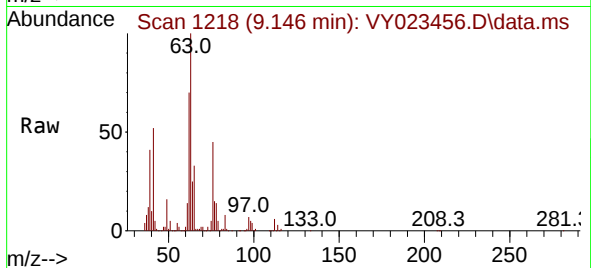
65 33.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#46

Dibromomethane

Concen: 49.494 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

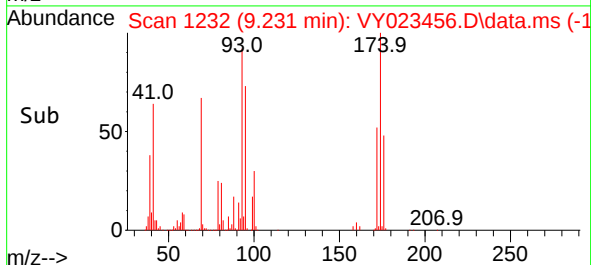
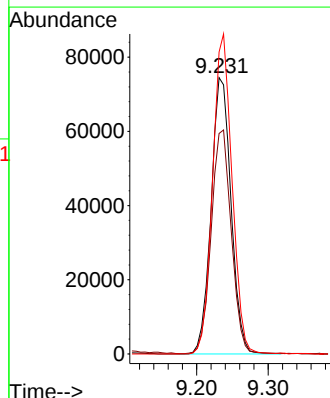
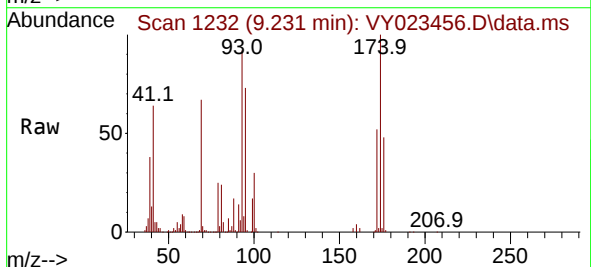
Tgt Ion: 93 Resp: 143999

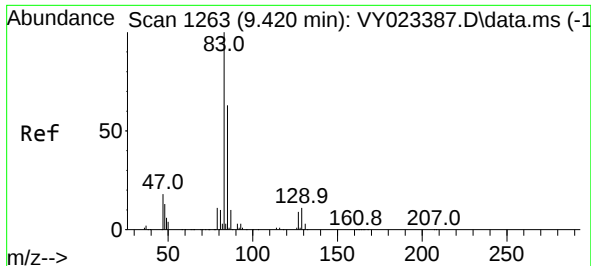
Ion Ratio Lower Upper

93 100

95 81.5 65.4 98.0

174 112.8 92.9 139.3





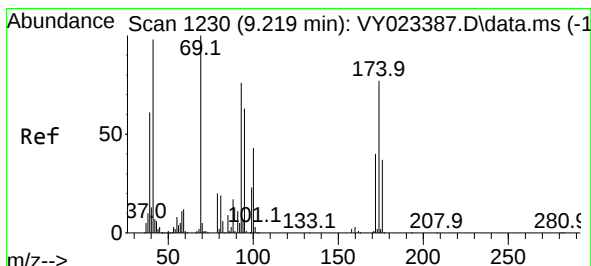
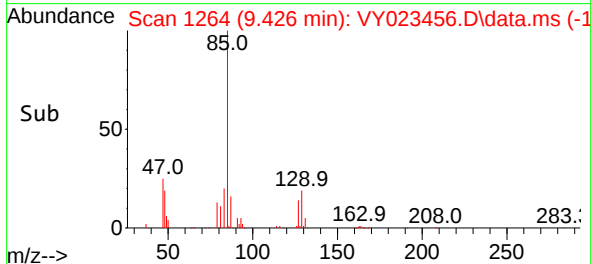
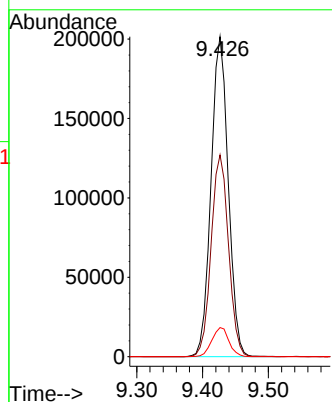
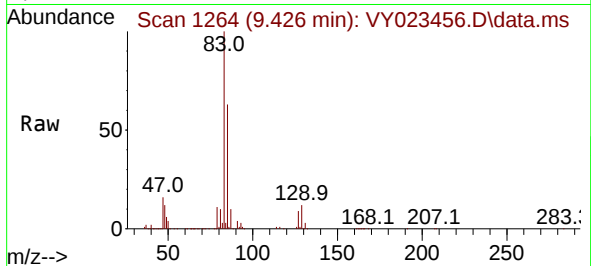
#47
Bromodichloromethane
Concen: 50.101 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 36711
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 9.1 7.4 11.2

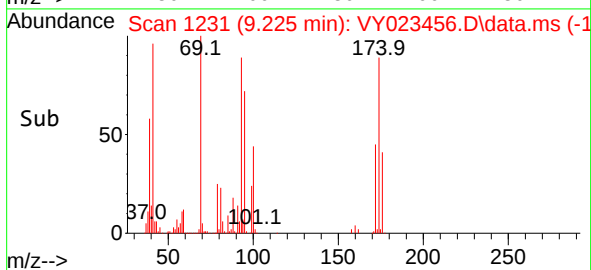
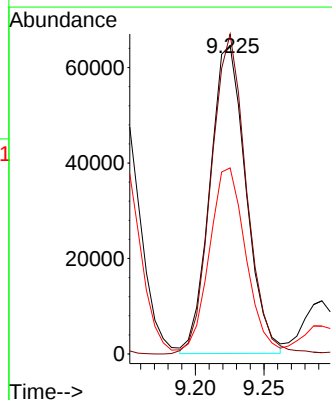
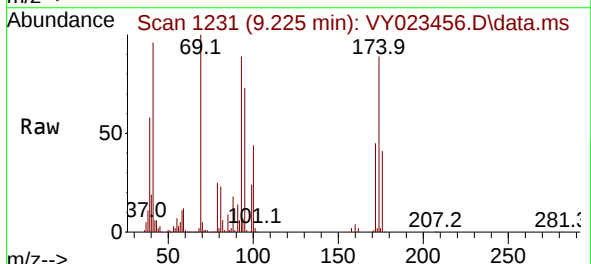
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 48.406 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion: 41 Resp: 118168
Ion Ratio Lower Upper
41 100
69 101.4 81.0 121.4
39 58.6 48.2 72.4





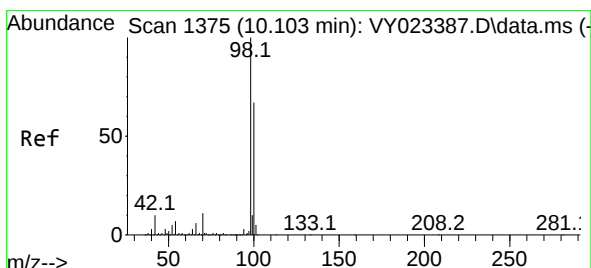
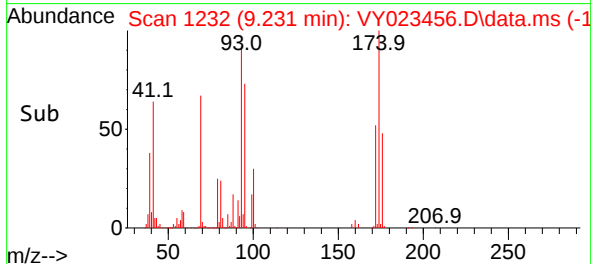
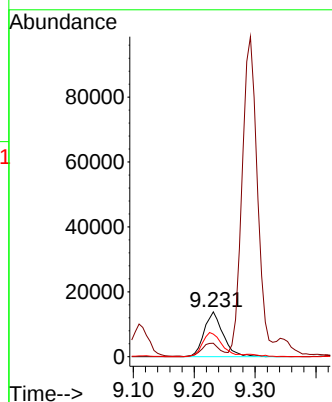
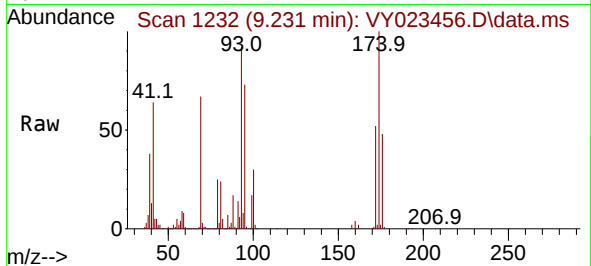
#49
1,4-Dioxane
Concen: 886.767 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2991
Ion Ratio Lower Upper
88 100
43 28.8 21.8 32.8
58 55.6 46.8 70.2

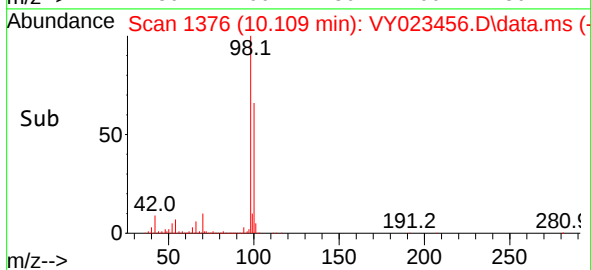
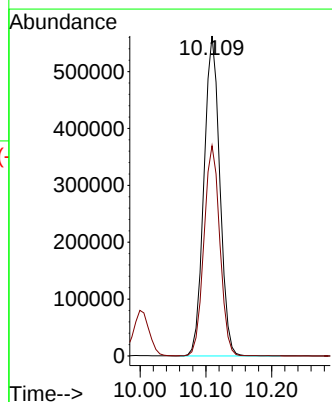
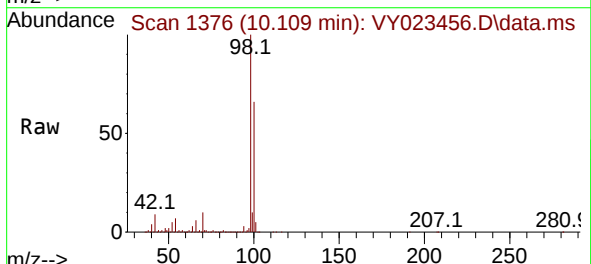
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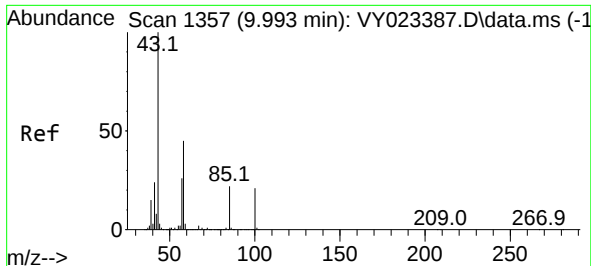
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#50
Toluene-d8
Concen: 50.958 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

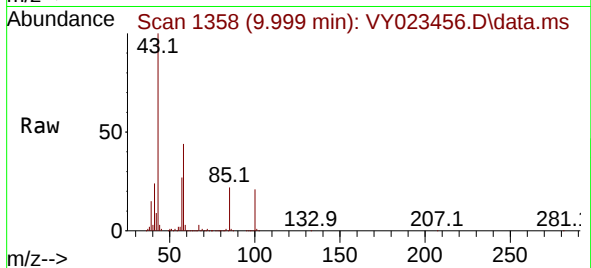
Tgt Ion: 98 Resp: 942878
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 240.124 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

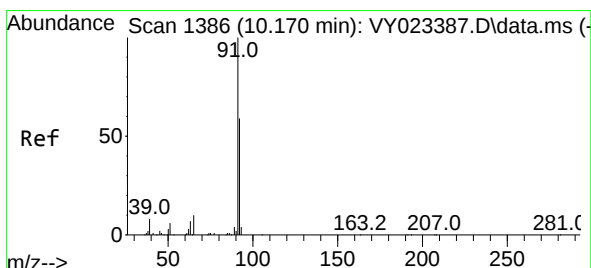
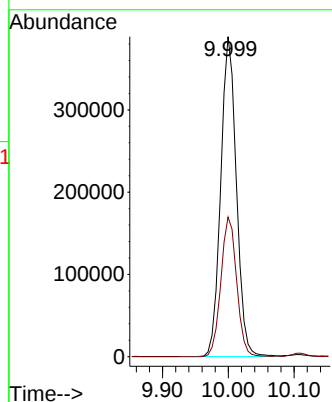
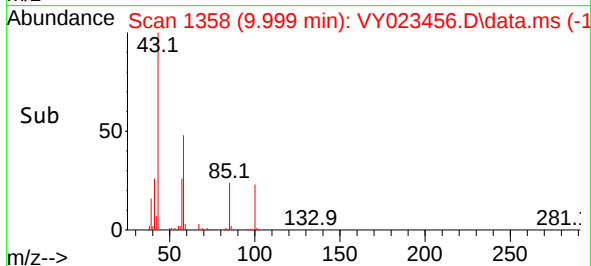
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 644670
Ion Ratio Lower Upper
43 100
58 43.9 35.3 52.9

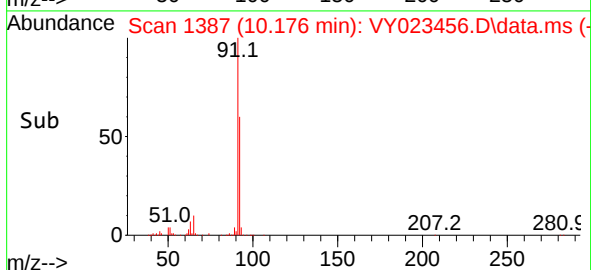
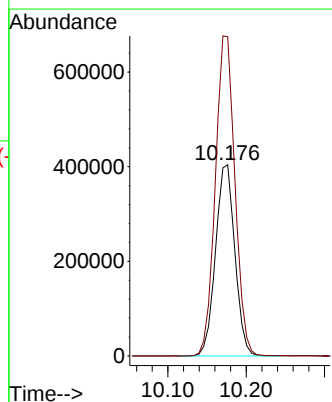
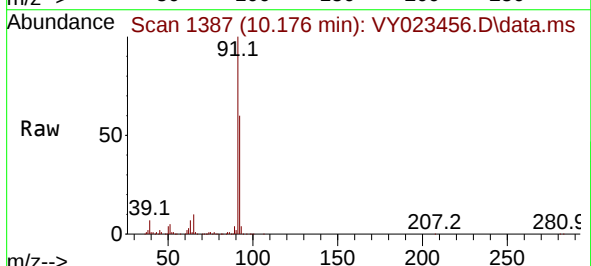
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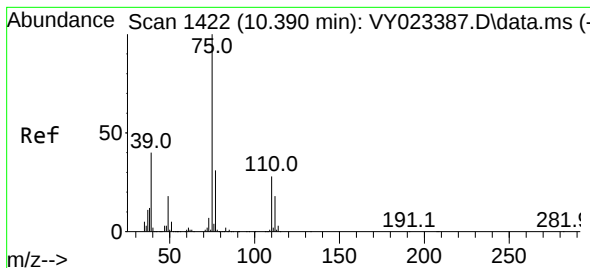
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 51.209 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion: 92 Resp: 692627
Ion Ratio Lower Upper
92 100
91 170.0 136.4 204.6





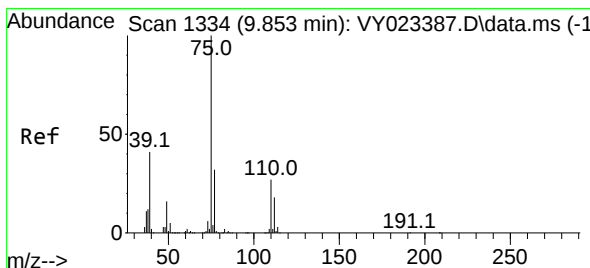
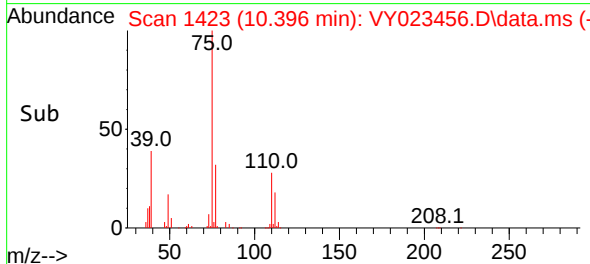
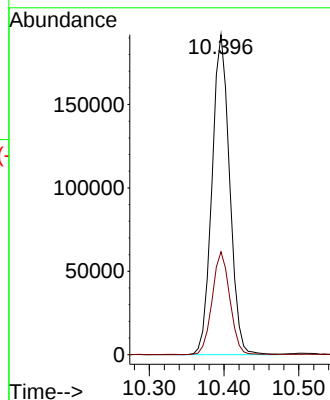
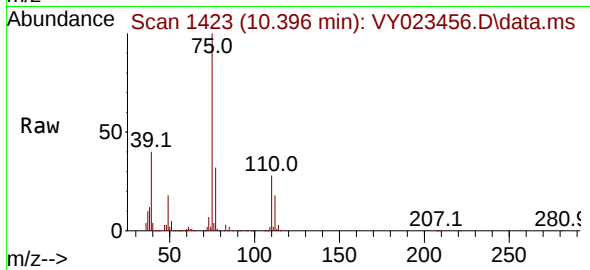
#53
t-1,3-Dichloropropene
Concen: 49.363 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 31450
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7

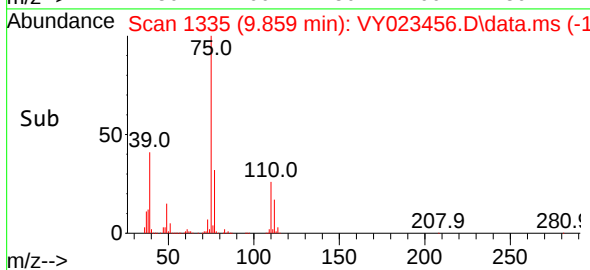
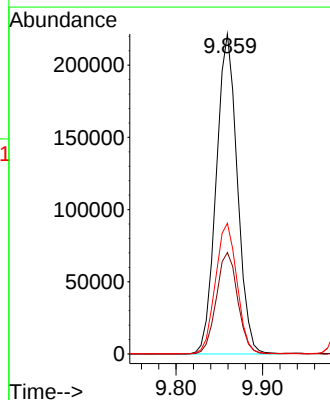
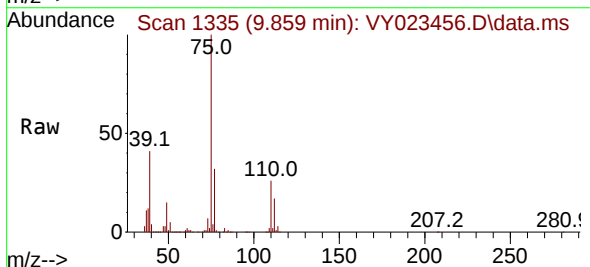
Manual Integrations
APPROVED

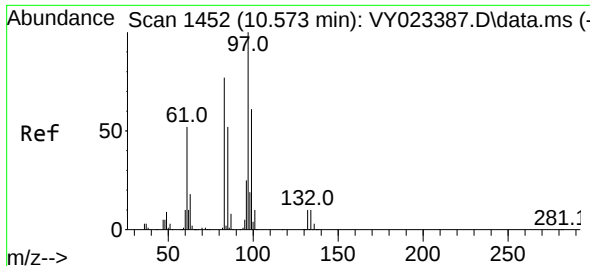
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#54
cis-1,3-Dichloropropene
Concen: 49.892 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

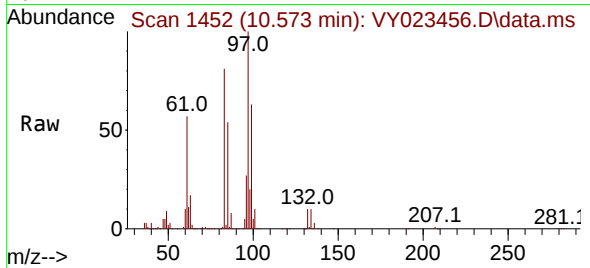
Tgt Ion: 75 Resp: 375175
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 40.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 48.882 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

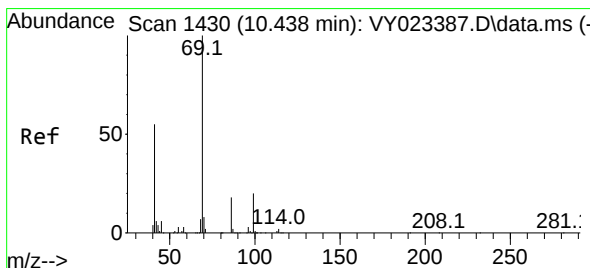
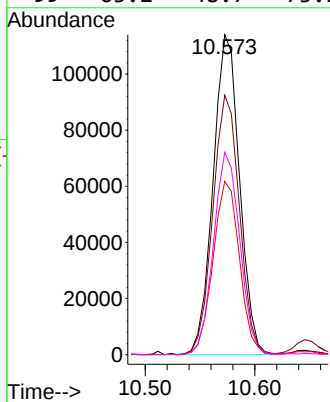
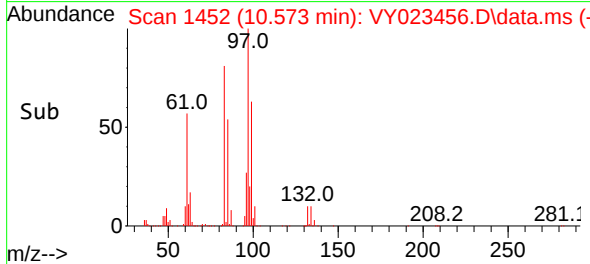
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



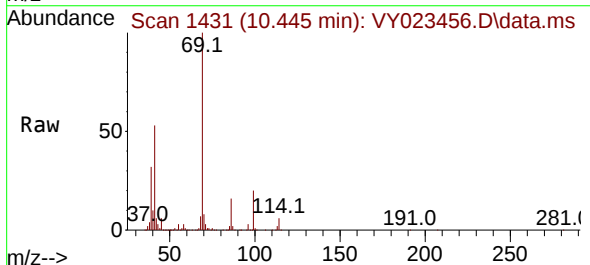
Tgt Ion:	97	Resp:	191249
Ion Ratio	100	Lower	Upper
97	100		
83	81.0	61.8	92.6
85	54.1	41.3	61.9
99	63.2	48.7	73.1

Manual Integrations
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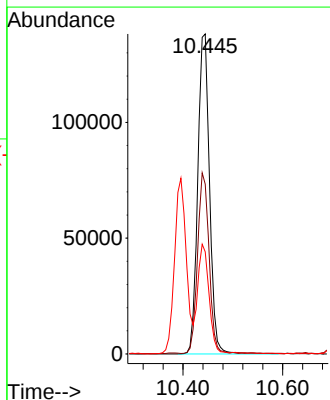
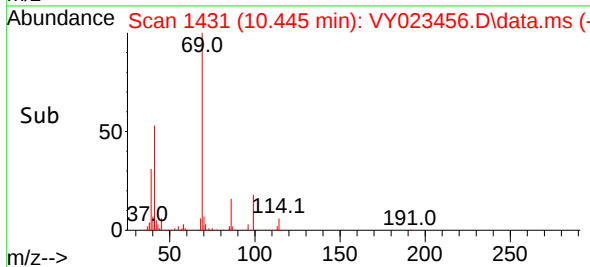
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

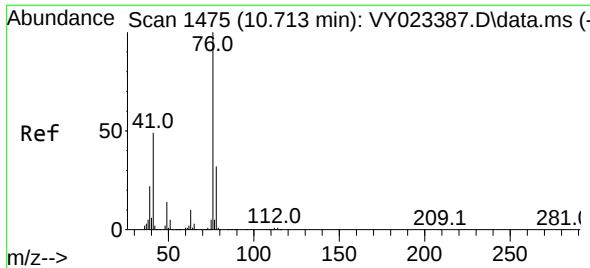


#56
Ethyl methacrylate
Concen: 50.154 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



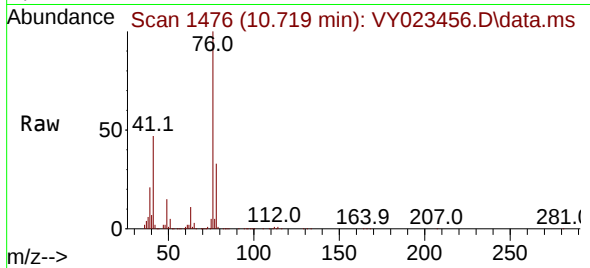
Tgt Ion:	69	Resp:	226346
Ion Ratio	100	Lower	Upper
69	100		
41	55.1	44.6	67.0
39	32.2	27.0	40.4





#57
1,3-Dichloropropane
Concen: 49.116 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

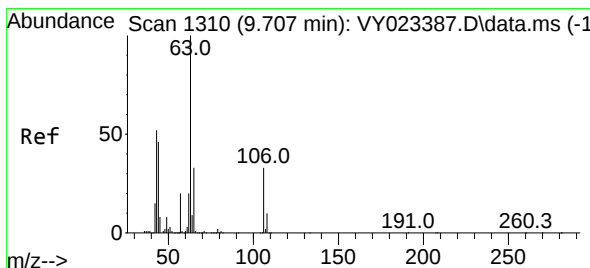
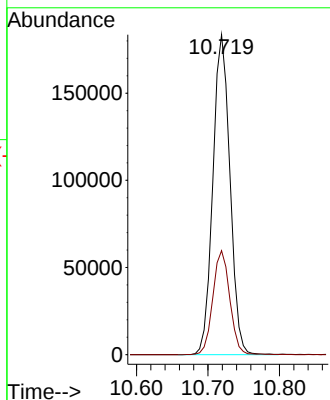
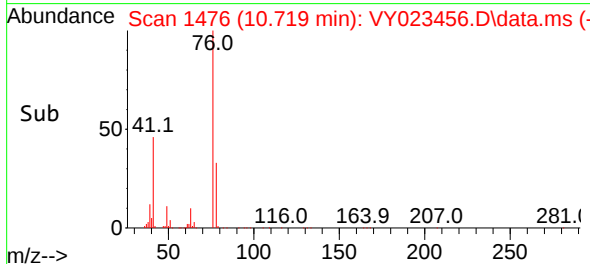
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 30450
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

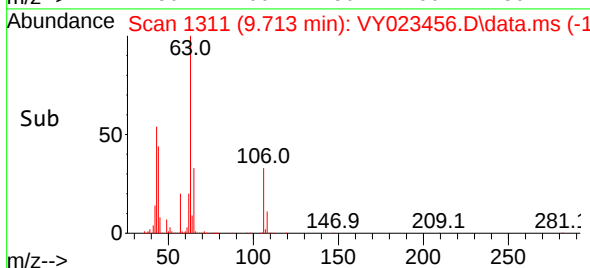
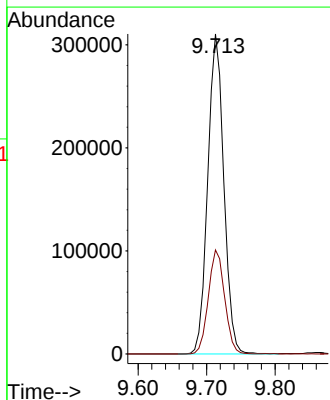
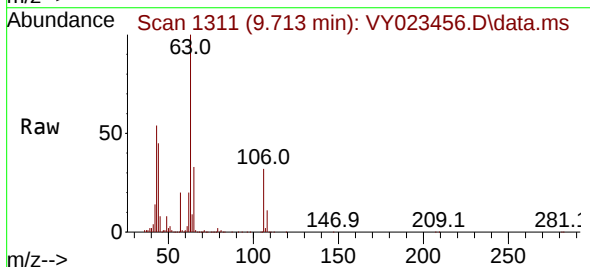
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 250.659 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

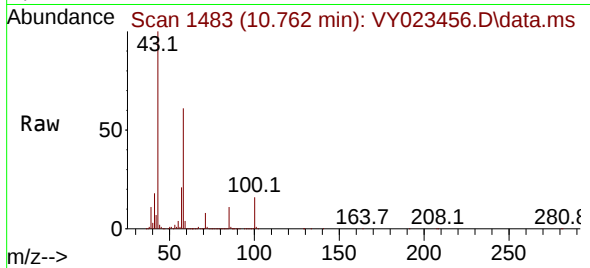
Tgt Ion: 63 Resp: 506766
Ion Ratio Lower Upper
63 100
106 32.9 26.6 39.8





#59
2-Hexanone
Concen: 238.172 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

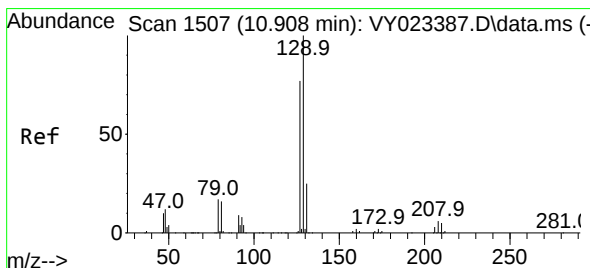
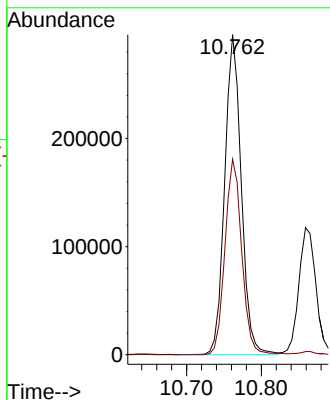
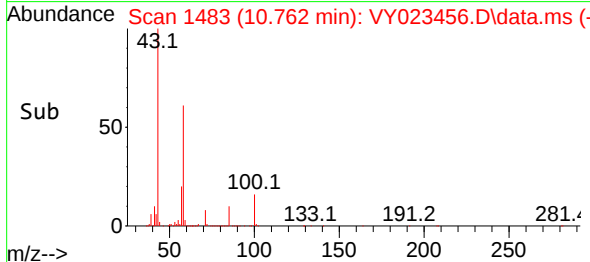
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



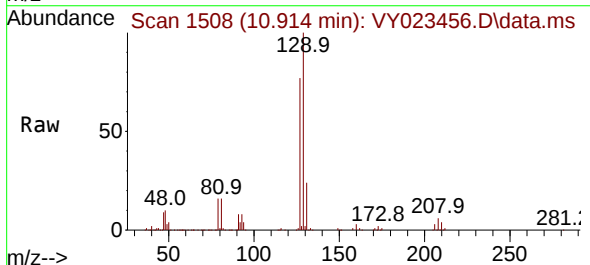
Tgt Ion: 43 Resp: 45696
Ion Ratio Lower Upper
43 100
58 61.9 30.5 91.5

Manual Integrations
APPROVED

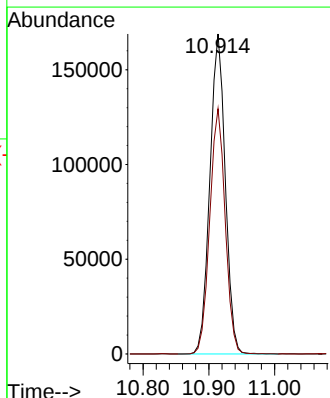
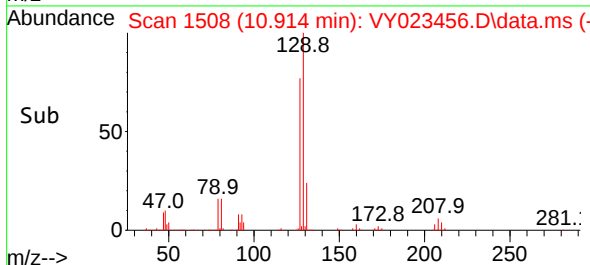
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

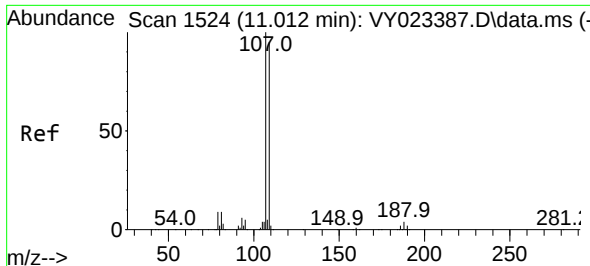


#60
Dibromochloromethane
Concen: 50.203 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



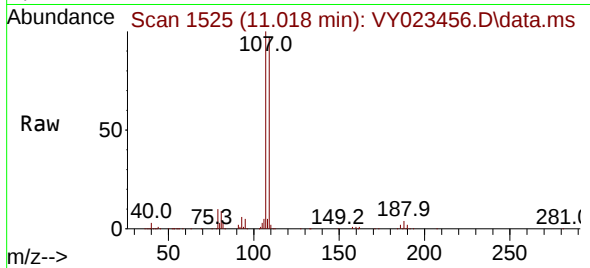
Tgt Ion:129 Resp: 275379
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 48.445 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

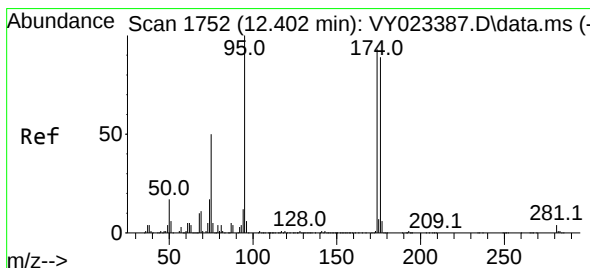
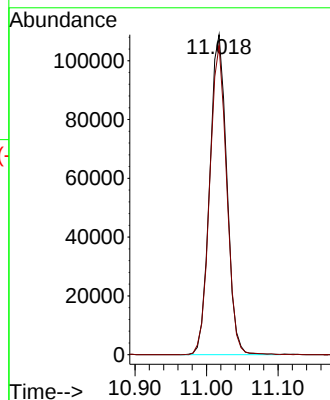
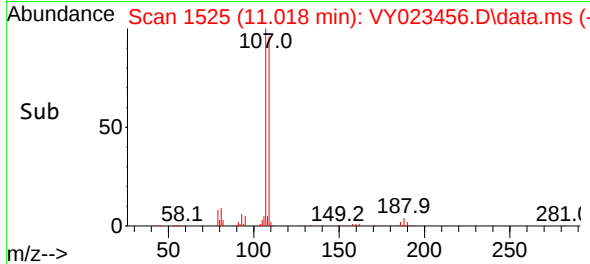
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



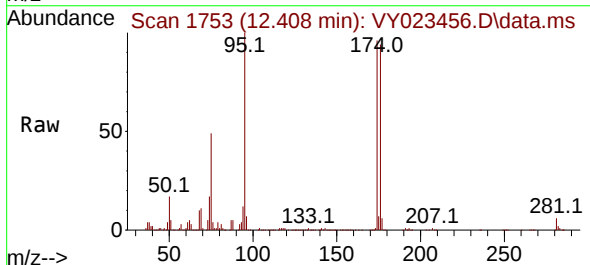
Tgt Ion:107 Resp: 18076
Ion Ratio Lower Upper
107 100
109 96.2 76.1 114.1

Manual Integrations
APPROVED

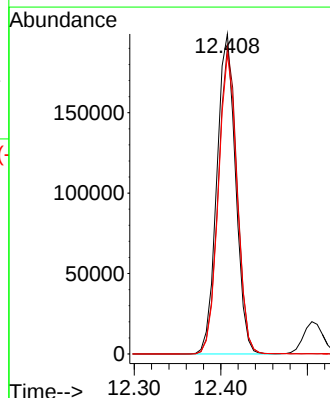
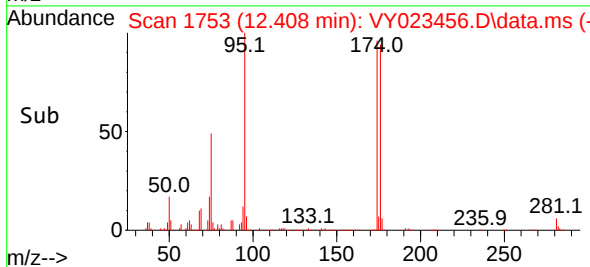
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#62
4-Bromofluorobenzene
Concen: 49.063 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



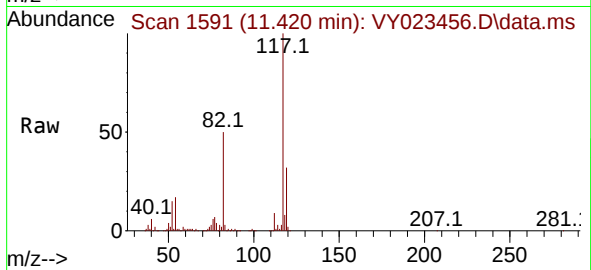
Tgt Ion: 95 Resp: 299713
Ion Ratio Lower Upper
95 100
174 96.3 0.0 192.8
176 93.2 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

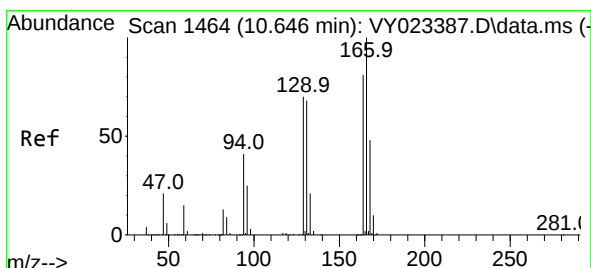
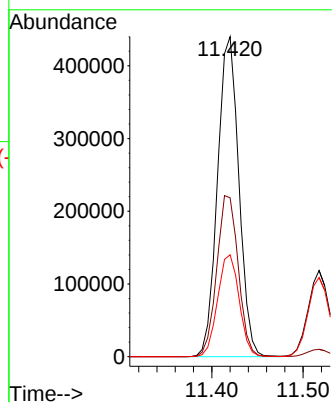
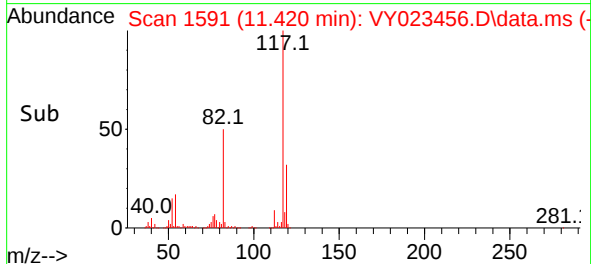
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



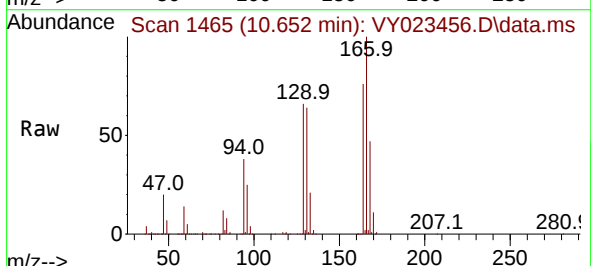
Tgt Ion:117 Resp: 71520
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.4
119 31.9 25.6 38.4

Manual Integrations
APPROVED

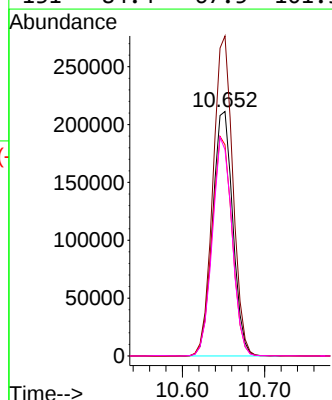
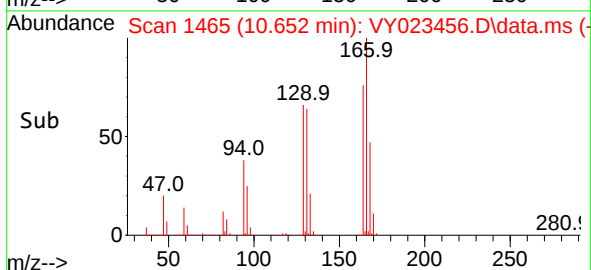
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

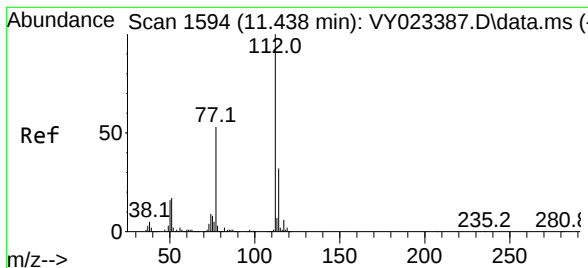


#64
Tetrachloroethene
Concen: 48.934 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



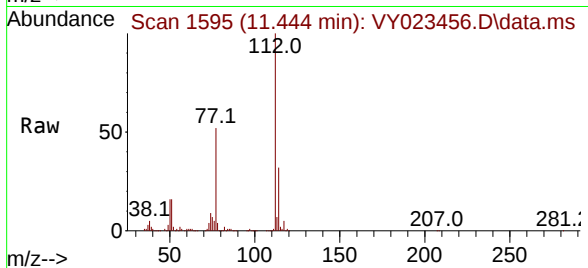
Tgt Ion:164 Resp: 361369
Ion Ratio Lower Upper
164 100
166 130.9 99.4 149.0
129 86.4 69.4 104.2
131 84.4 67.5 101.3





#65
Chlorobenzene
Concen: 49.480 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

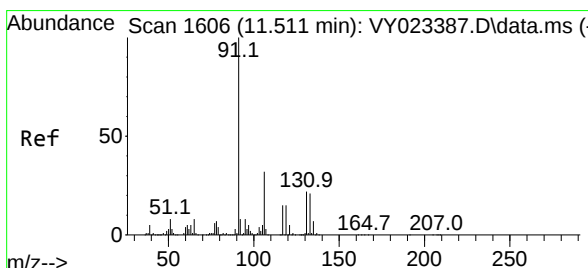
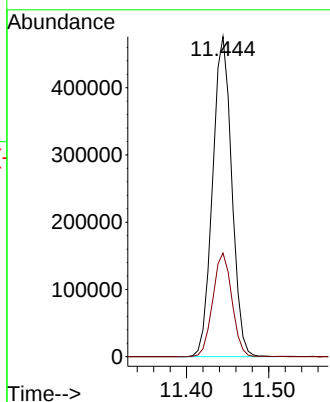
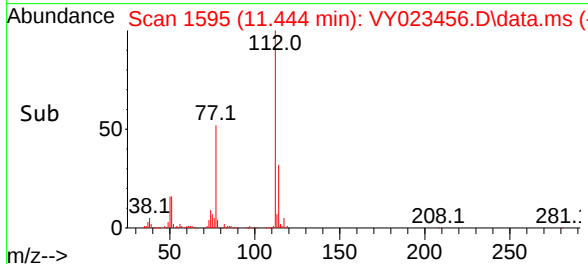
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



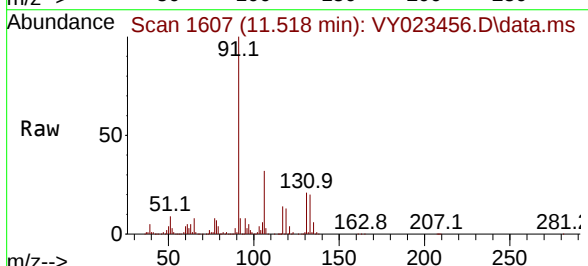
Tgt Ion:112 Resp: 769680
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

Manual Integrations
APPROVED

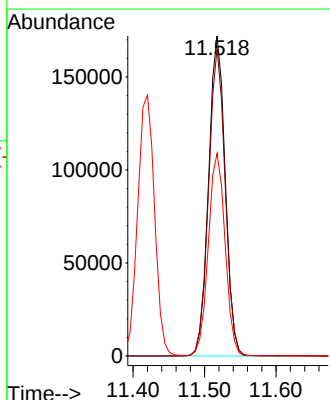
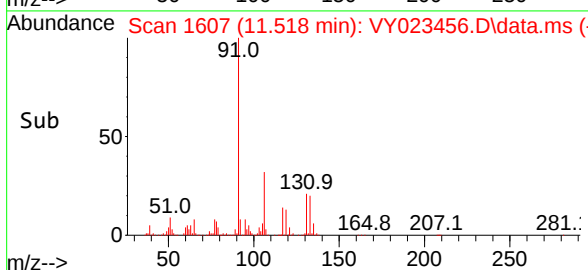
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

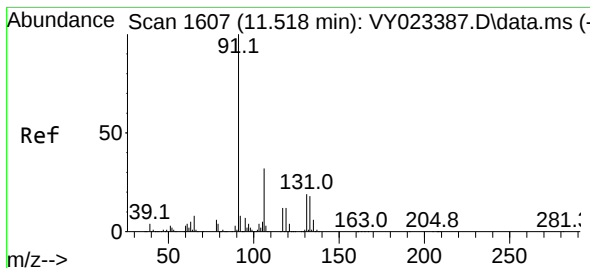


#66
1,1,1,2-Tetrachloroethane
Concen: 50.099 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



Tgt Ion:131 Resp: 277708
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 63.9 32.4 97.2





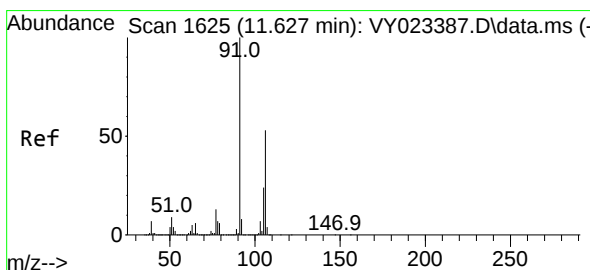
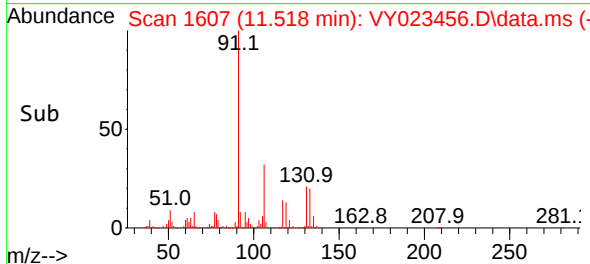
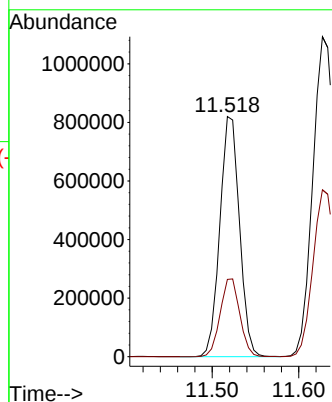
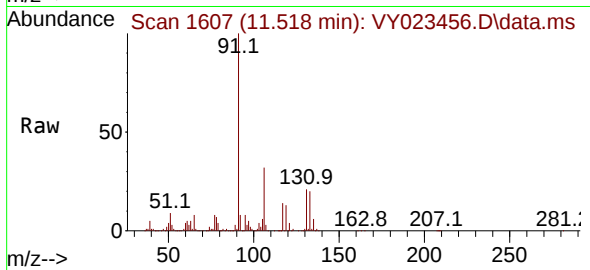
#67
Ethyl Benzene
Concen: 51.310 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 129195
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

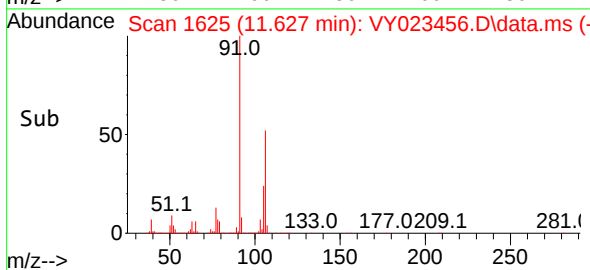
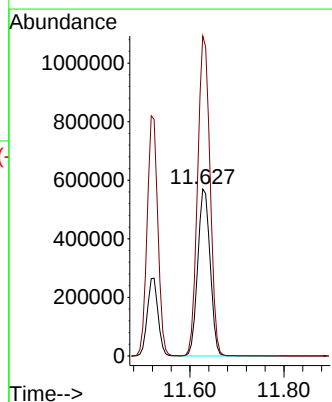
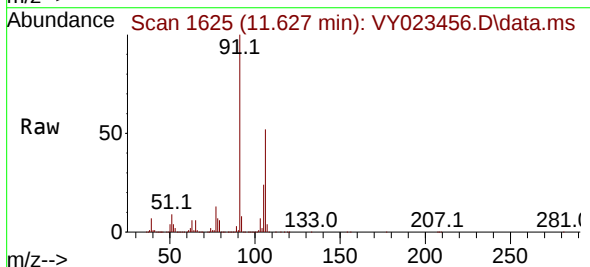
Manual Integrations
APPROVED

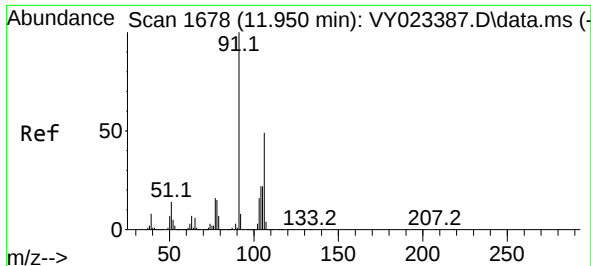
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#68
m/p-Xylenes
Concen: 103.851 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion:106 Resp: 1048837
Ion Ratio Lower Upper
106 100
91 191.6 152.6 229.0





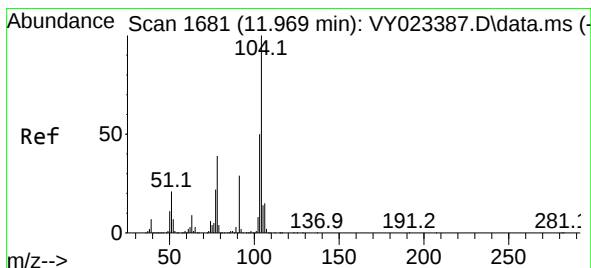
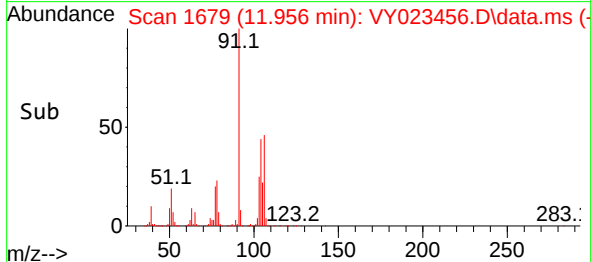
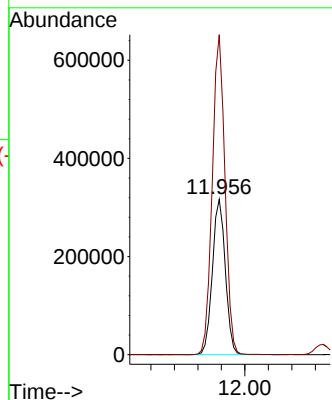
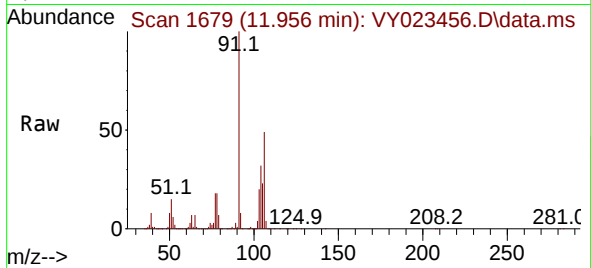
#69
o-Xylene
Concen: 51.130 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 48435
Ion Ratio Lower Upper
106 100
91 202.0 101.4 304.1

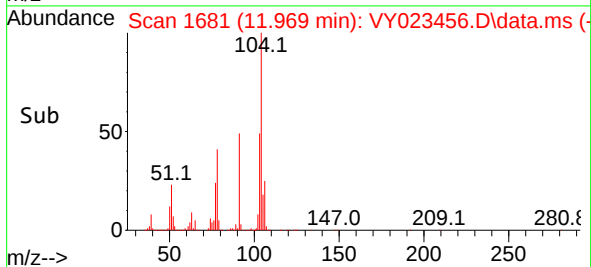
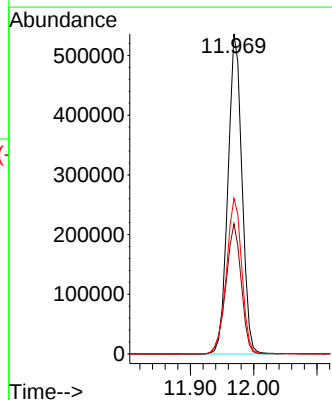
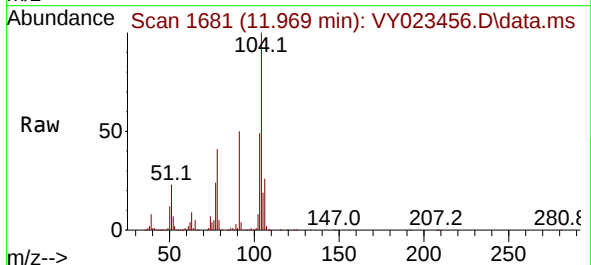
Manual Integrations
APPROVED

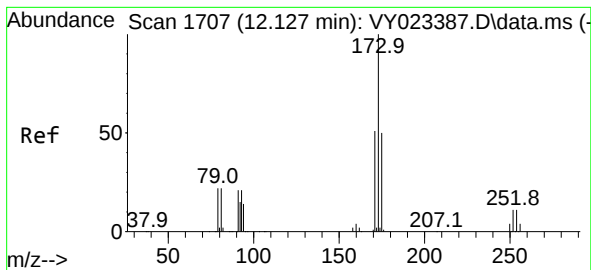
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#70
Styrene
Concen: 52.918 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion:104 Resp: 824343
Ion Ratio Lower Upper
104 100
78 44.3 36.1 54.1
103 53.4 43.2 64.8





#71

Bromoform

Concen: 48.493 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 166740

Ion Ratio Lower Upper

173 100

175 48.7 24.8 74.3

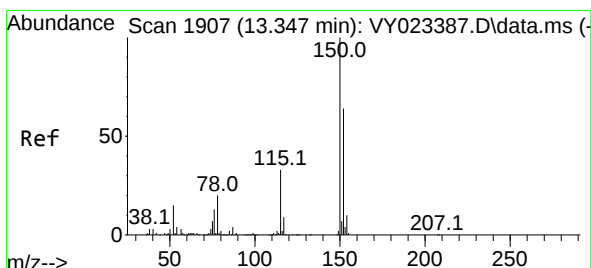
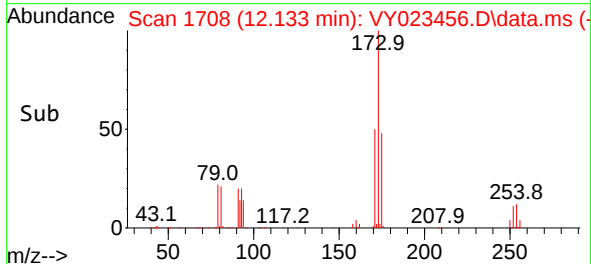
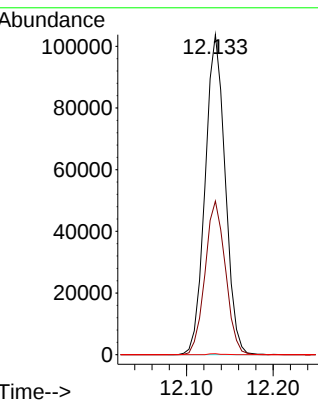
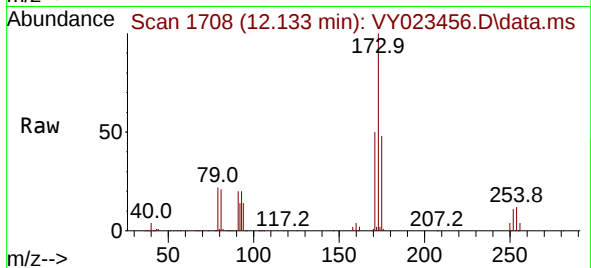
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

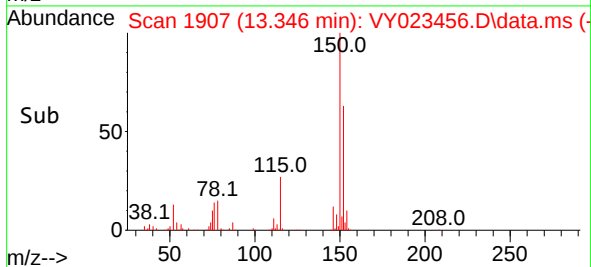
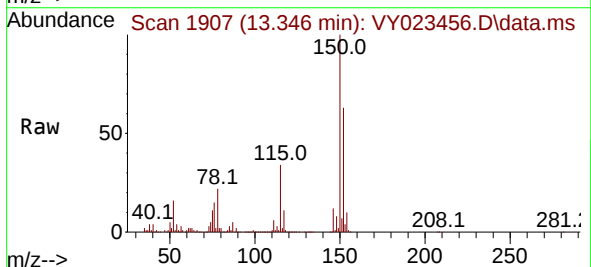
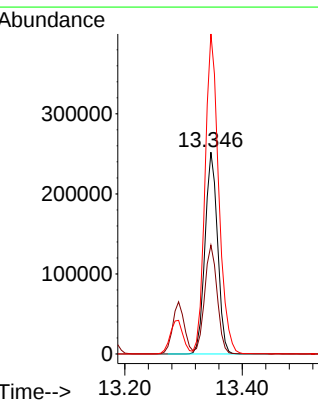
Tgt Ion:152 Resp: 372874

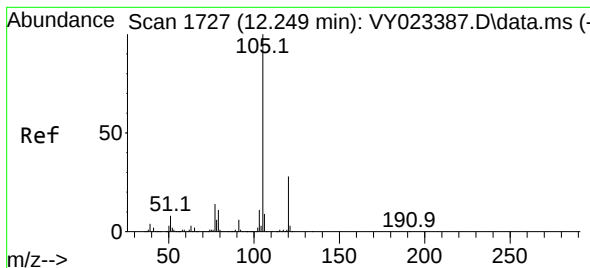
Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 172.9 0.0 347.4





#73

Isopropylbenzene

Concen: 51.870 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1274598

Ion Ratio Lower Upper

105 100

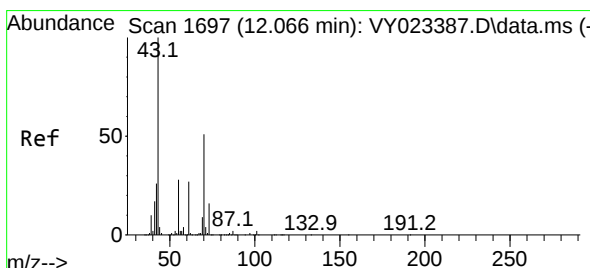
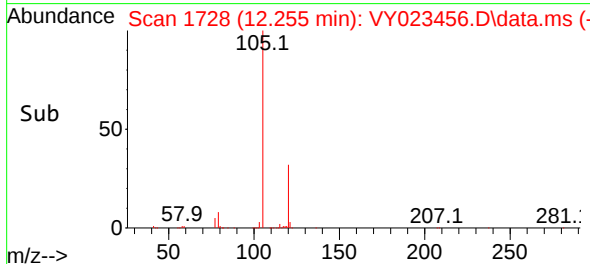
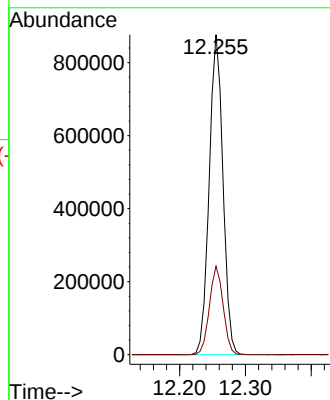
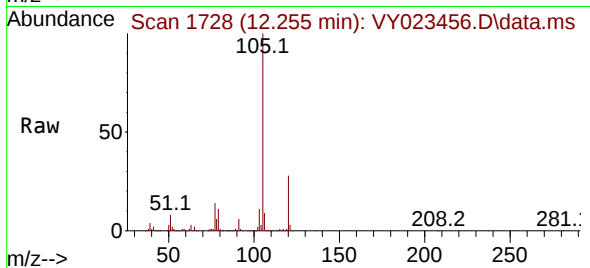
120 27.5 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#74

N-ethyl acetate

Concen: 47.016 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Tgt Ion: 43 Resp: 207513

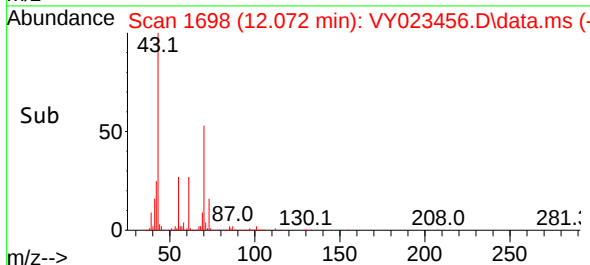
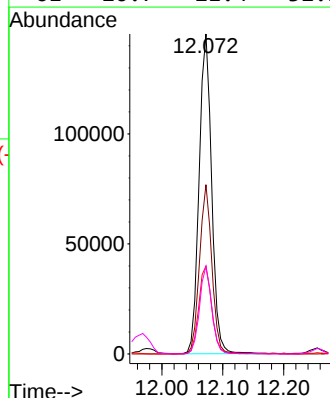
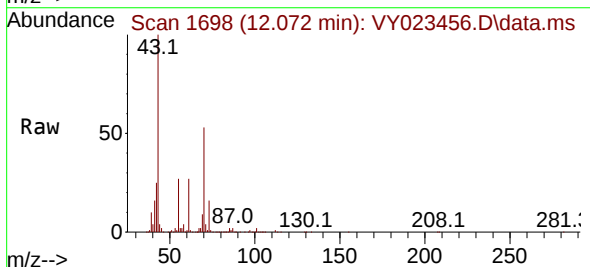
Ion Ratio Lower Upper

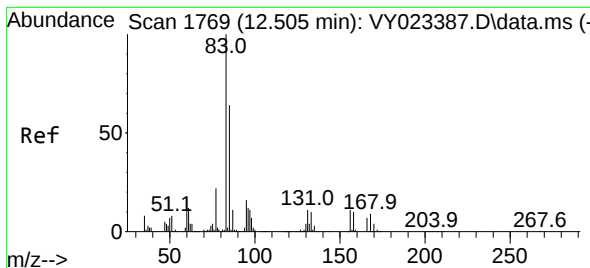
43 100

70 52.1 41.1 61.7

55 28.5 23.0 34.6

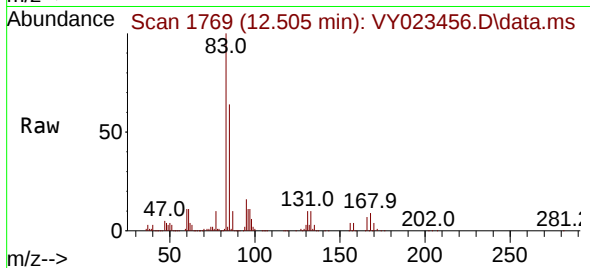
61 26.7 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.117 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

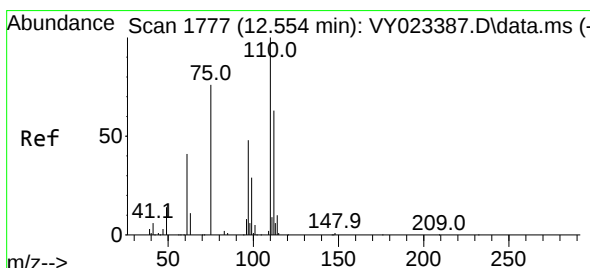
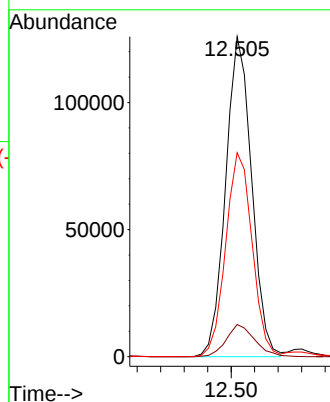
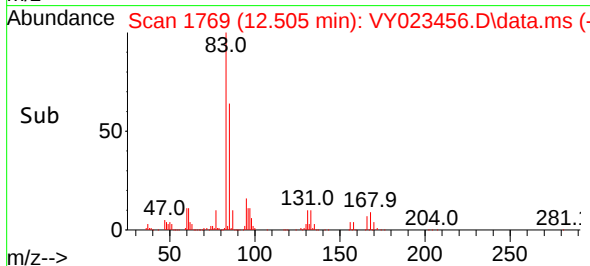
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19338
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.6
85 64.9 31.8 95.3

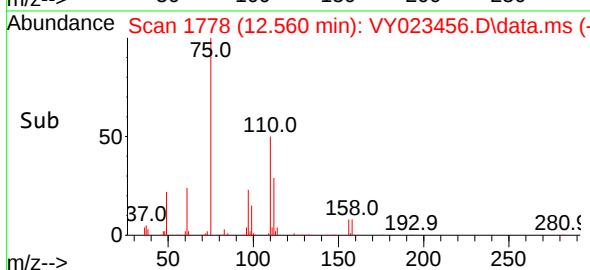
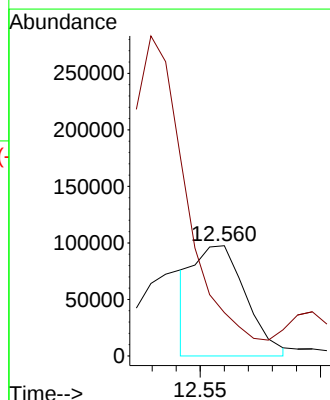
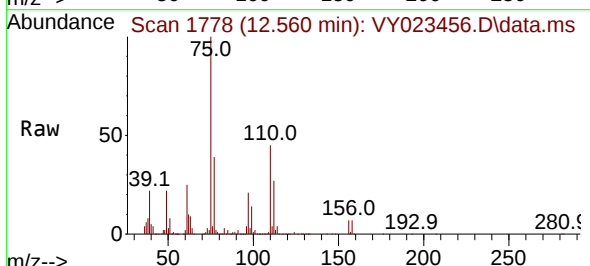
Manual Integrations
APPROVED

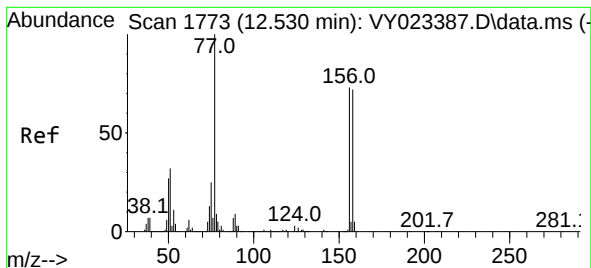
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#76
1,2,3-Trichloropropane
Concen: 44.779 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion: 75 Resp: 147312
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.960 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

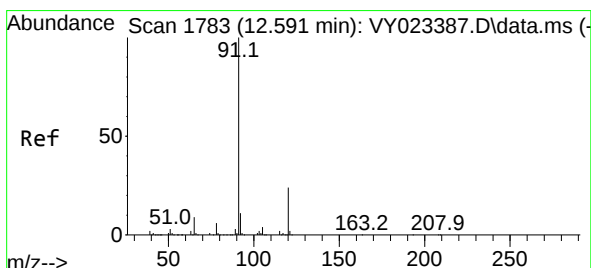
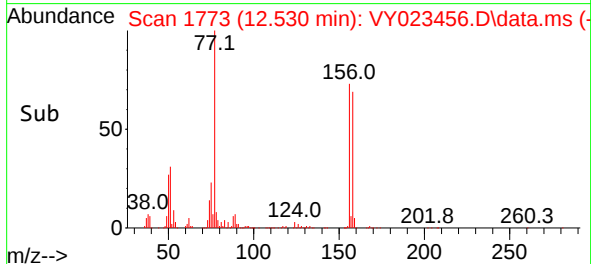
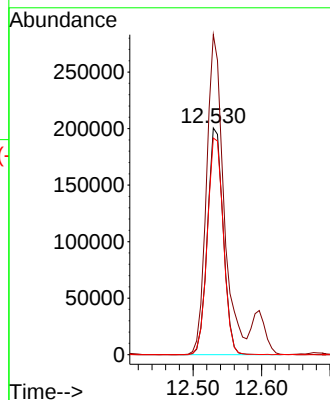
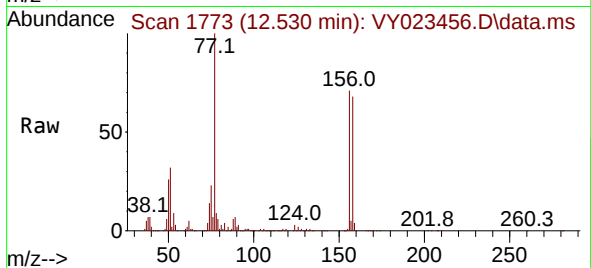
VSTDCCC050

Tgt Ion:	156	Resp:	31984
Ion Ratio	Lower	Upper	
156	100		
77	155.4	76.8	230.5
158	97.7	49.0	147.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#78

n-propylbenzene

Concen: 52.349 ug/l

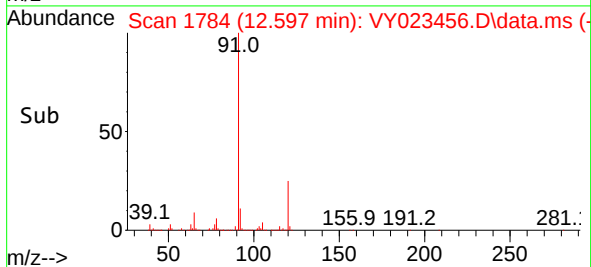
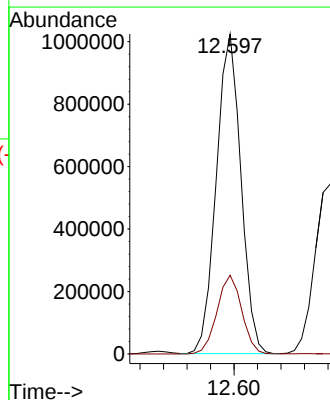
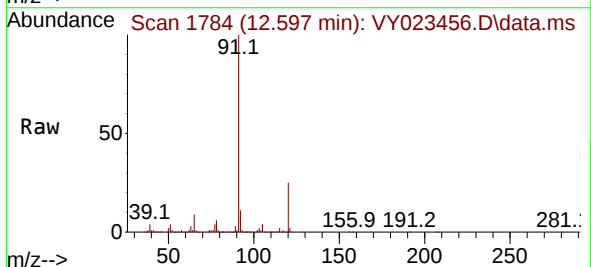
RT: 12.597 min Scan# 1784

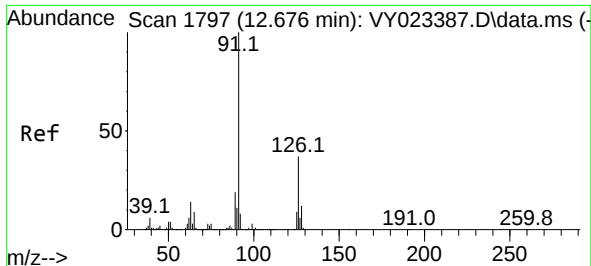
Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Tgt Ion:	91	Resp:	1488587
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.3	36.8





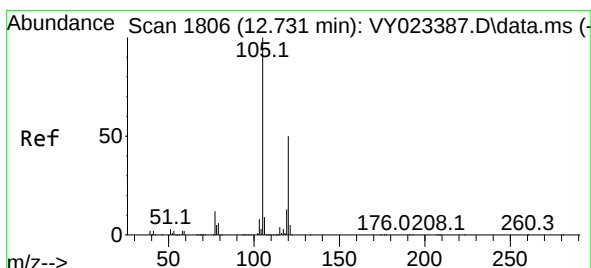
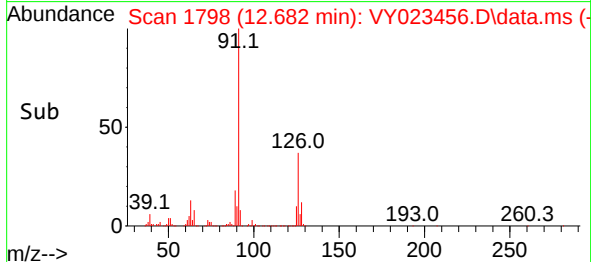
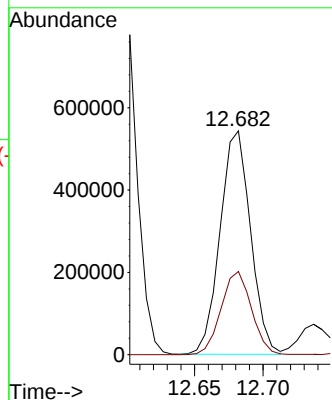
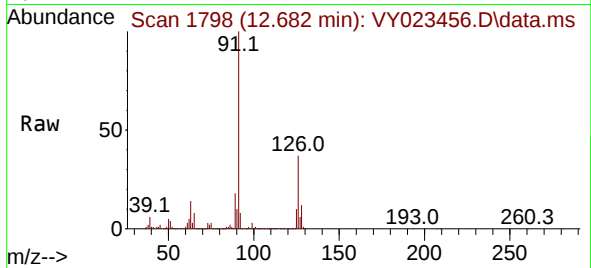
#79
2-Chlorotoluene
Concen: 50.527 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 841372
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5

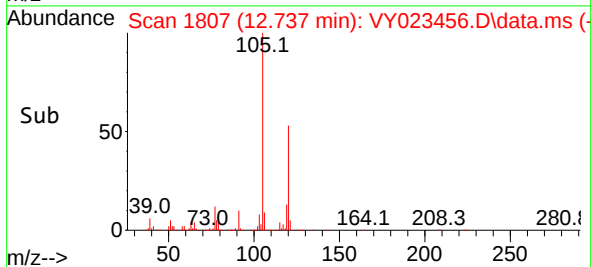
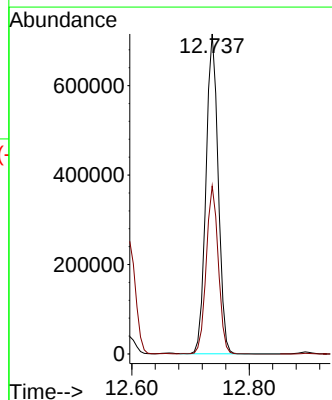
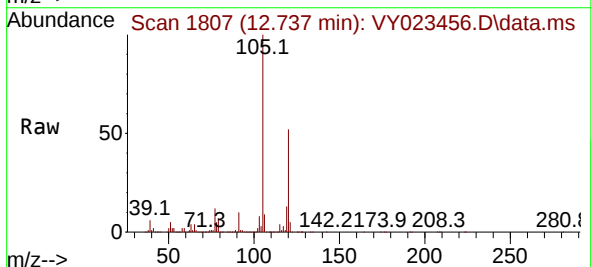
Manual Integrations
APPROVED

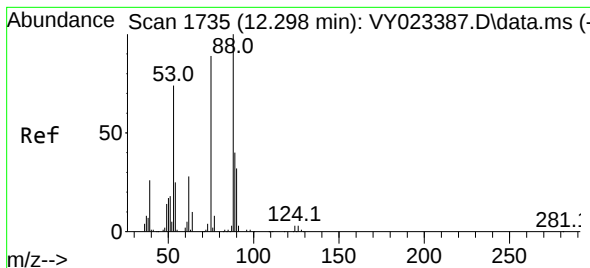
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.018 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

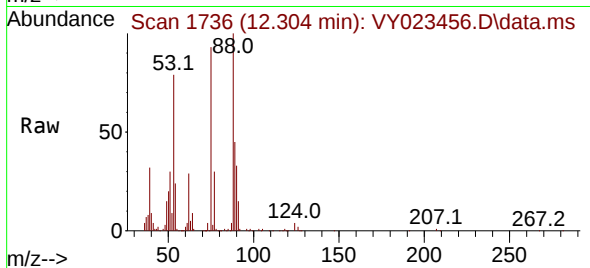
Tgt Ion:105 Resp: 1032904
Ion Ratio Lower Upper
105 100
120 51.9 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 47.350 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

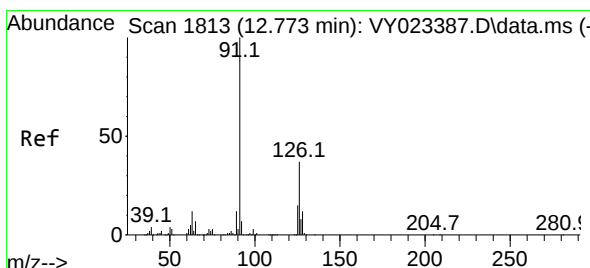
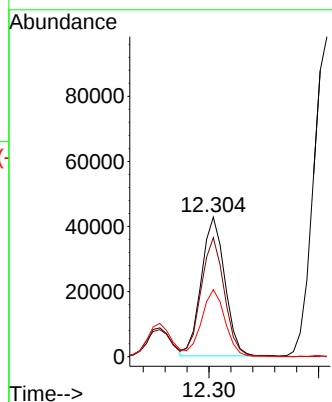
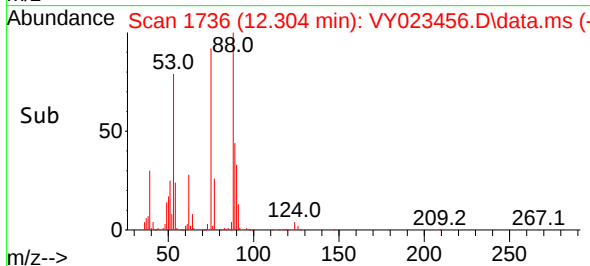
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6352
Ion Ratio Lower Upper
75 100
53 86.5 68.6 102.8
89 47.9 39.0 58.4

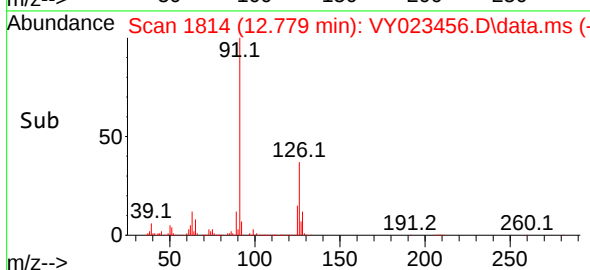
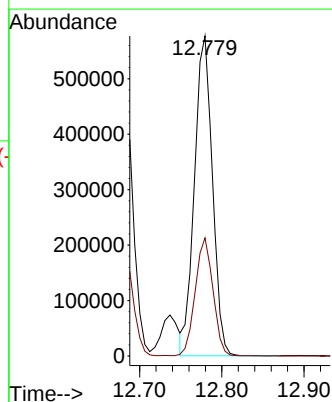
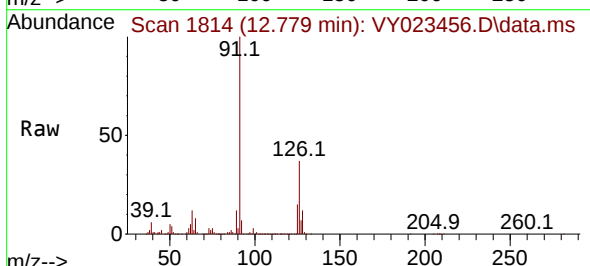
Manual Integrations
APPROVED

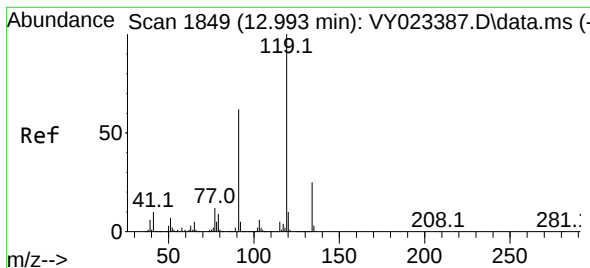
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#82
4-Chlorotoluene
Concen: 51.029 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

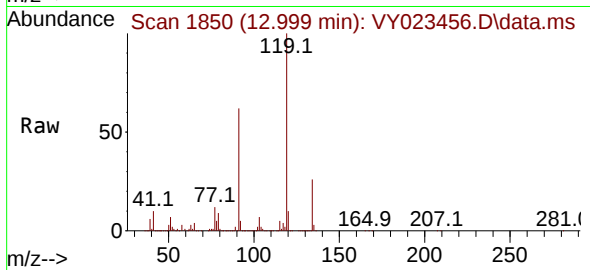
Tgt Ion: 91 Resp: 875119
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.4





#83
tert-Butylbenzene
Concen: 51.716 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

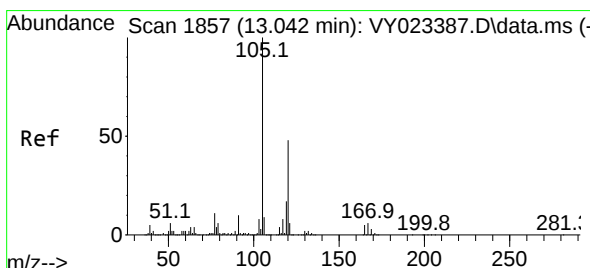
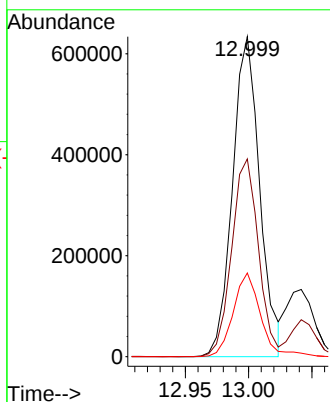
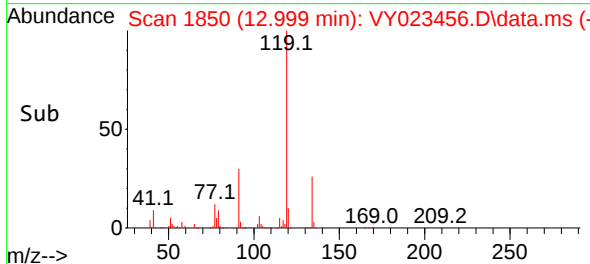
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



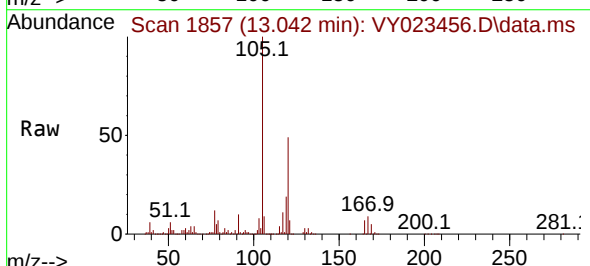
Tgt Ion:119 Resp: 948150
Ion Ratio Lower Upper
119 100
91 60.8 29.9 89.8
134 26.4 12.9 38.7

Manual Integrations
APPROVED

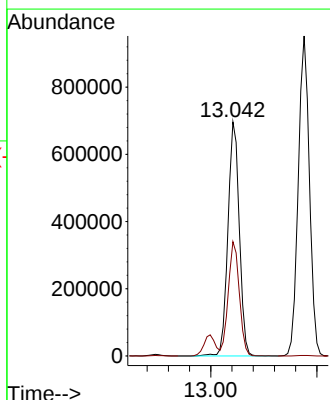
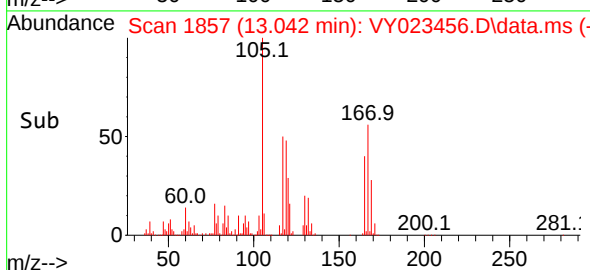
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

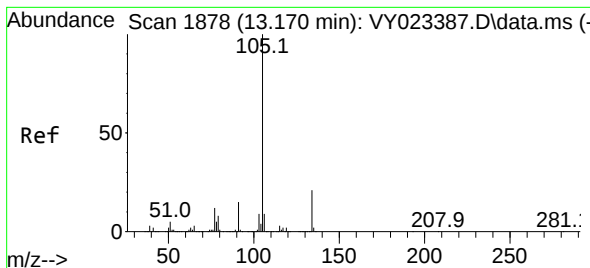


#84
1,2,4-Trimethylbenzene
Concen: 52.134 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



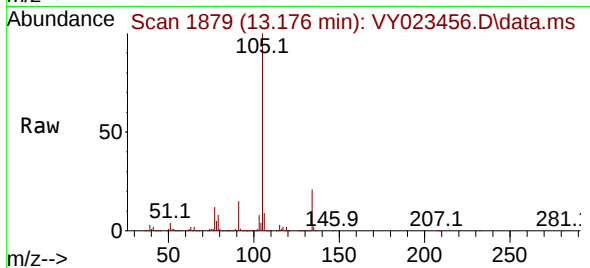
Tgt Ion:105 Resp: 1033130
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 52.621 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023456.D
 Acq: 14 Oct 2025 11:25

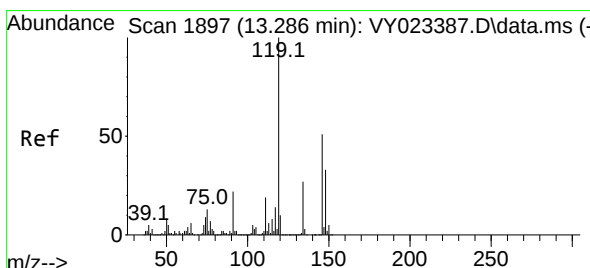
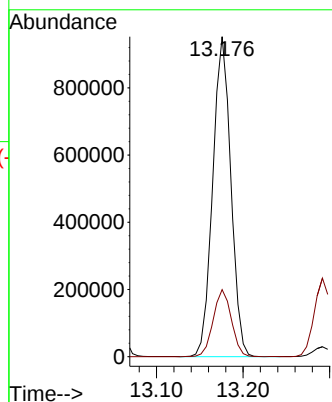
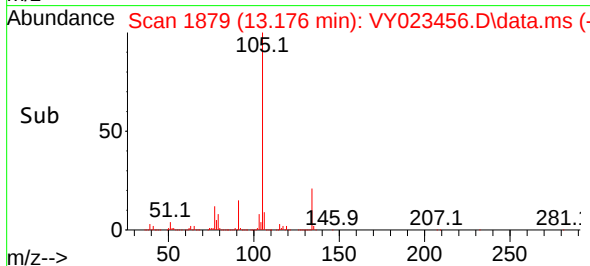
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1383925
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 32.1

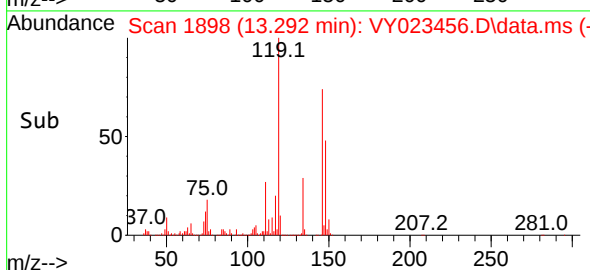
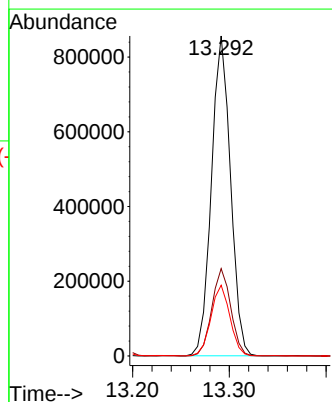
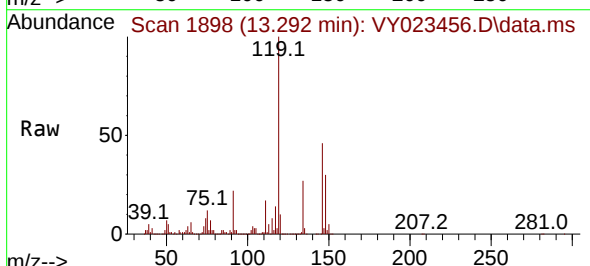
Manual Integrations
 APPROVED

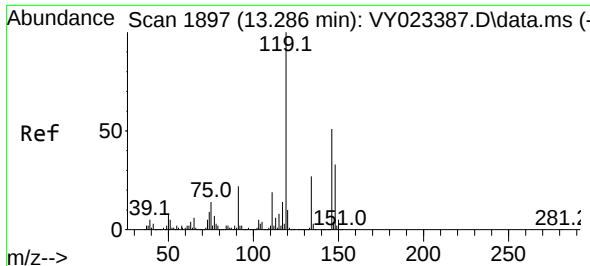
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#86
 p-Isopropyltoluene
 Concen: 52.317 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023456.D
 Acq: 14 Oct 2025 11:25

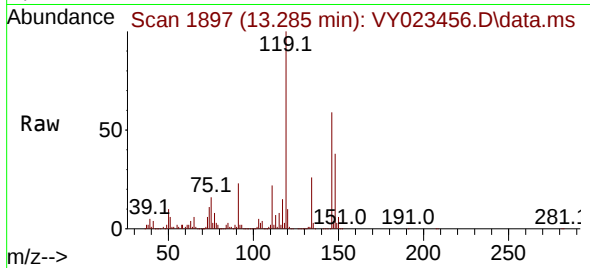
Tgt Ion:119 Resp: 1171485
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.9 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 49.387 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

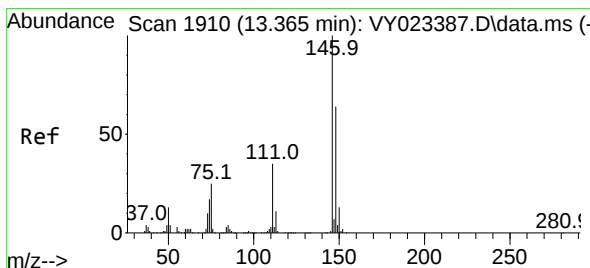
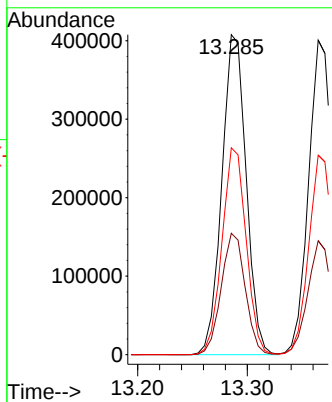
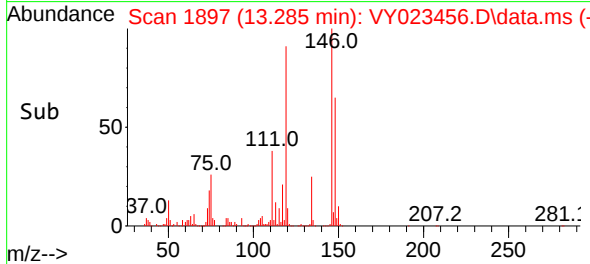
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



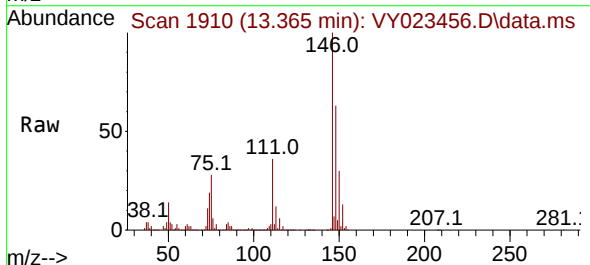
Tgt Ion:146 Resp: 628264
Ion Ratio Lower Upper
146 100
111 37.5 18.7 56.1
148 64.2 31.9 95.9

Manual Integrations
APPROVED

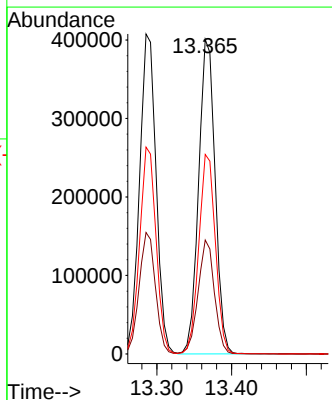
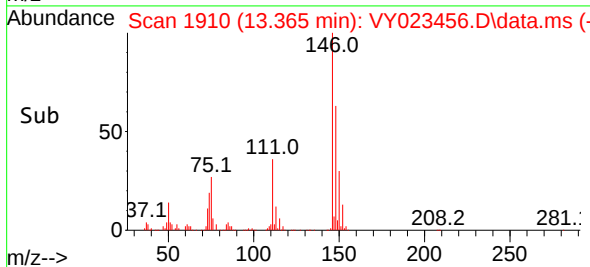
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

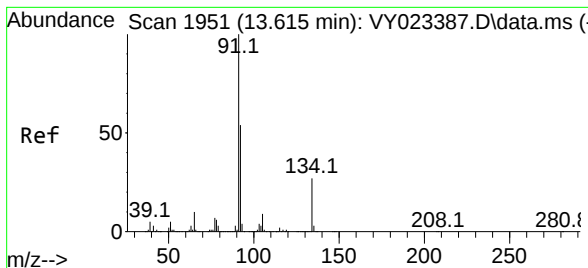


#88
1,4-Dichlorobenzene
Concen: 48.928 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25



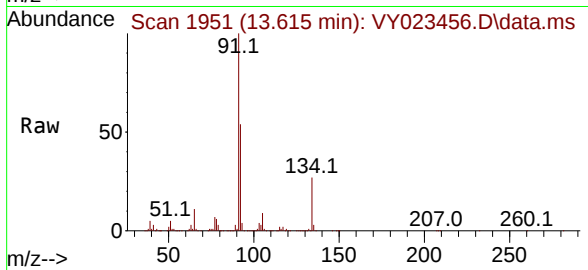
Tgt Ion:146 Resp: 614737
Ion Ratio Lower Upper
146 100
111 36.1 18.0 54.0
148 63.8 31.9 95.7





#89
n-Butylbenzene
Concen: 52.432 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

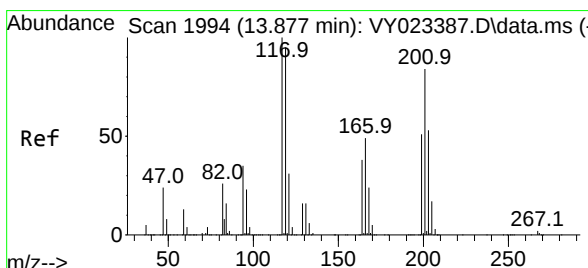
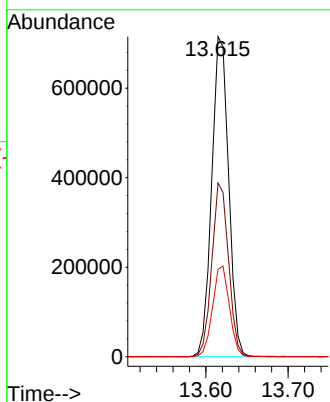
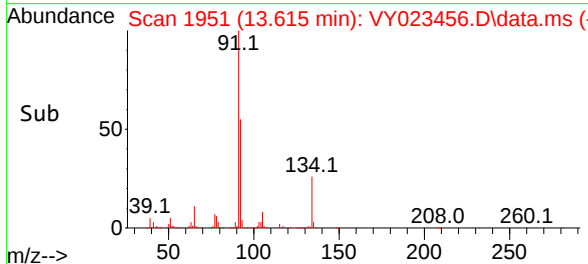
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1023002
Ion Ratio Lower Upper
91 100
92 53.5 27.0 80.8
134 28.2 14.1 42.2

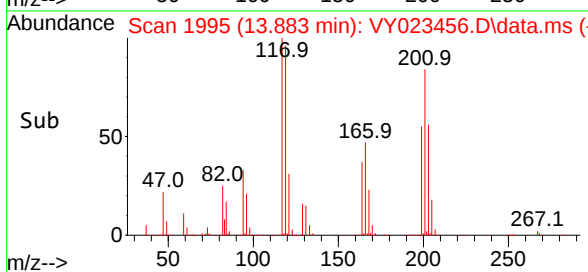
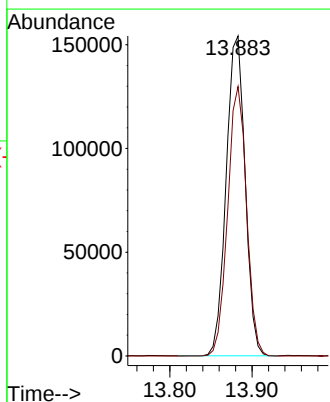
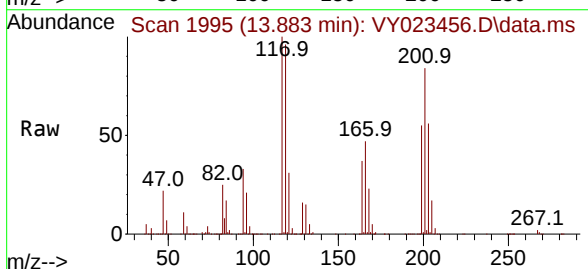
Manual Integrations
APPROVED

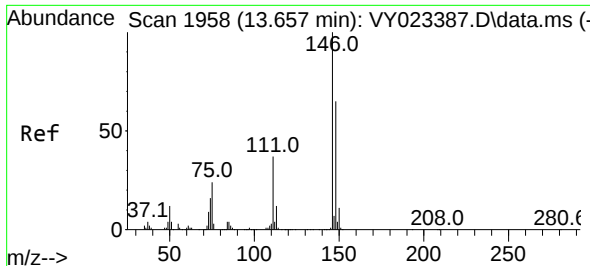
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#90
Hexachloroethane
Concen: 51.176 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion:117 Resp: 246469
Ion Ratio Lower Upper
117 100
201 83.8 43.8 131.4





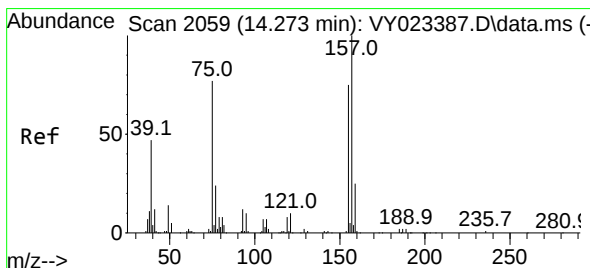
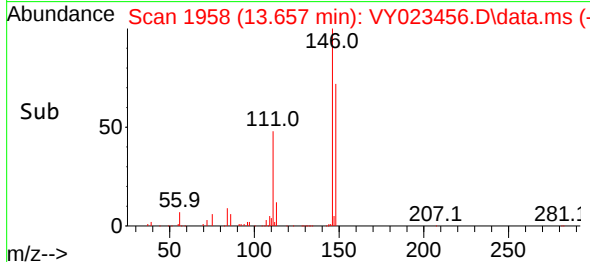
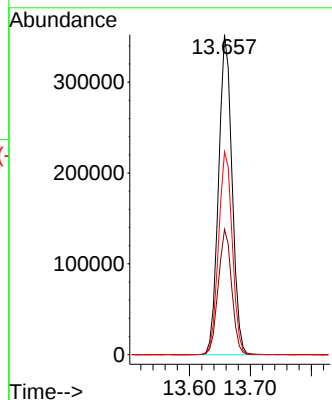
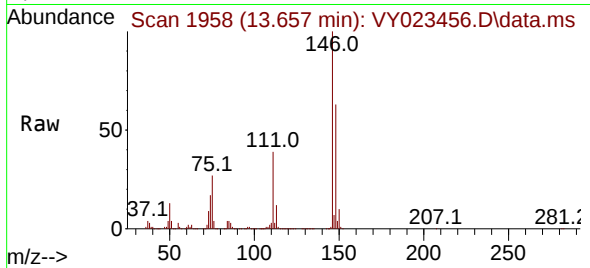
#91
1,2-Dichlorobenzene
Concen: 48.570 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

Tgt Ion:146 Resp: 541700
Ion Ratio Lower Upper
146 100
111 38.9 19.0 57.0
148 64.6 32.1 96.3

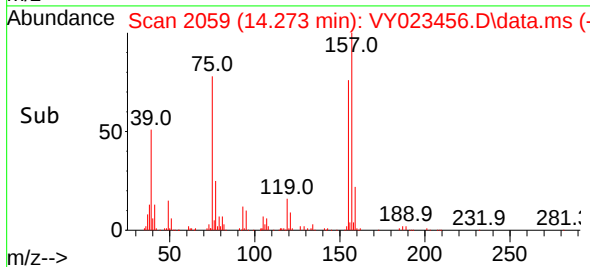
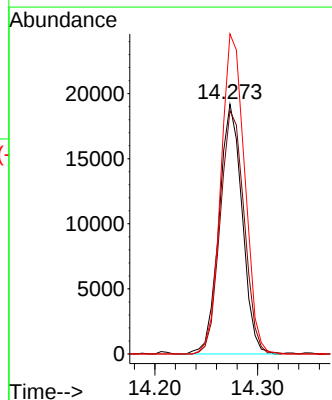
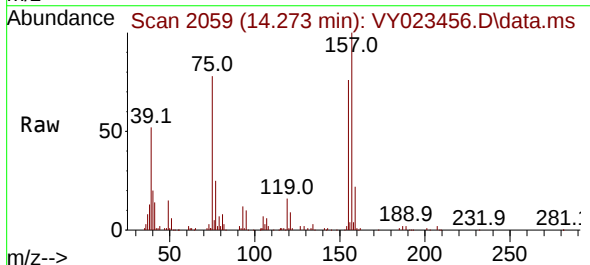
Manual Integrations
APPROVED

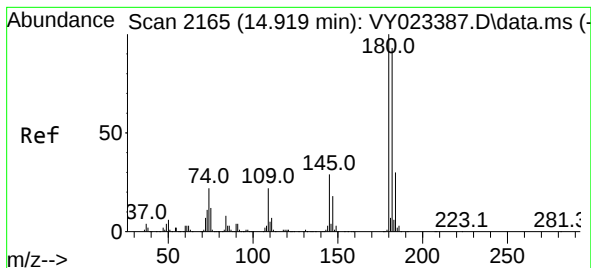
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.321 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023456.D
Acq: 14 Oct 2025 11:25

Tgt Ion: 75 Resp: 29887
Ion Ratio Lower Upper
75 100
155 100.6 50.0 150.0
157 131.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 47.435 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

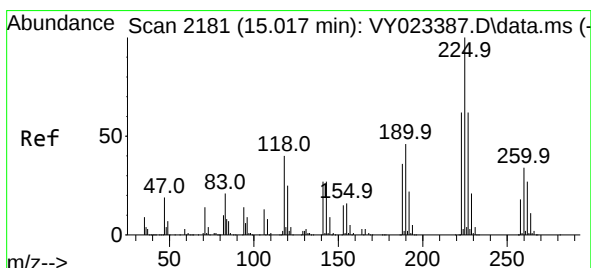
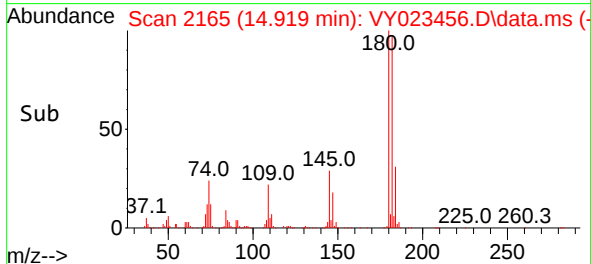
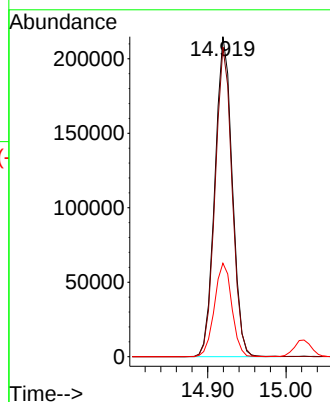
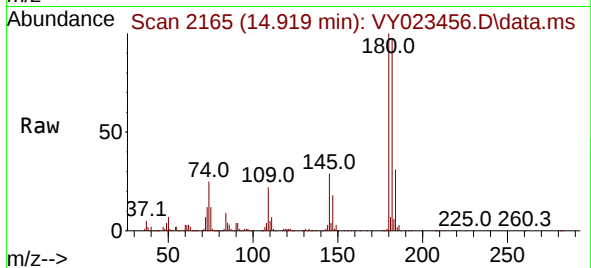
Tgt Ion:180 Resp: 329820

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	29.4	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#94

Hexachlorobutadiene

Concen: 48.188 ug/l

RT: 15.023 min Scan# 2182

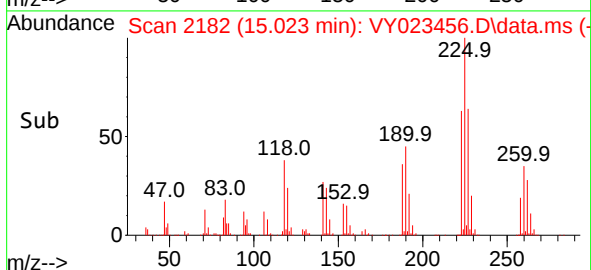
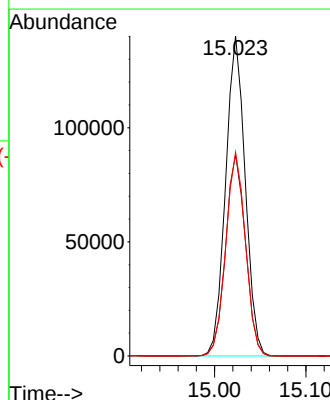
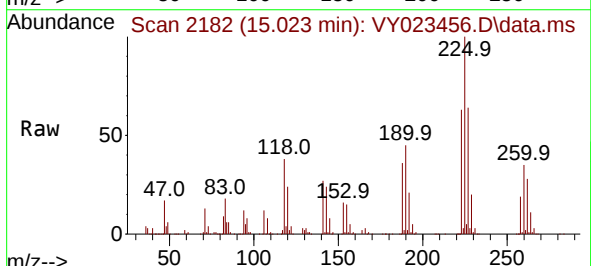
Delta R.T. 0.006 min

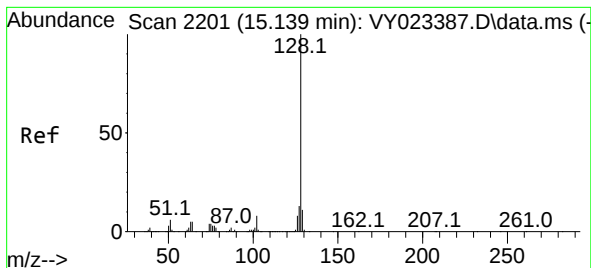
Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Tgt Ion:225 Resp: 208858

Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.8	92.3
227	64.1	31.9	95.7





#95

Naphthalene

Concen: 46.083 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

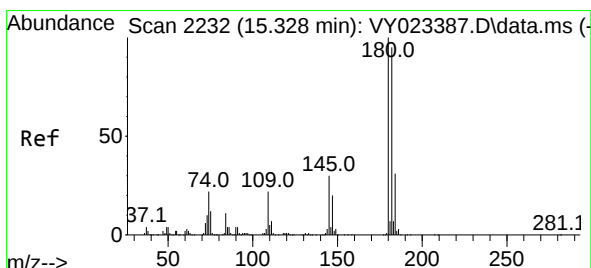
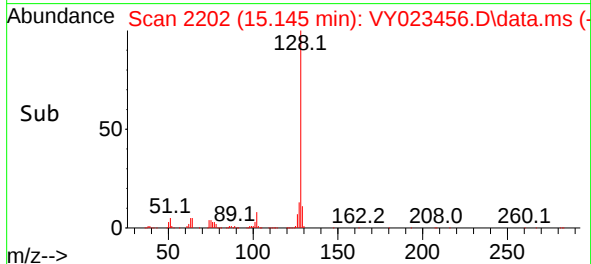
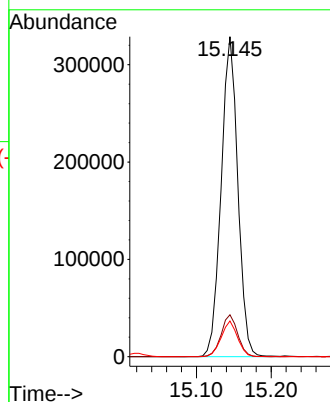
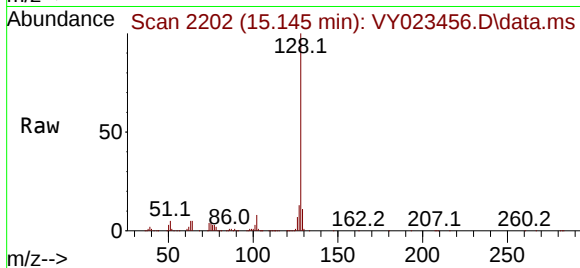
Tgt Ion:128 Resp: 510225

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.544 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023456.D

Acq: 14 Oct 2025 11:25

Tgt Ion:180 Resp: 280314

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	30.5	15.3	45.9

