

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023468.D
 Acq On : 14 Oct 2025 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 03:32:23 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	545255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	804264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	721444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	388934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	216139	47.404	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.800%		
35) Dibromofluoromethane	7.640	113	247016	49.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.960%		
50) Toluene-d8	10.109	98	907867	49.330	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.402	95	304256	50.075	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	161665	41.192	ug/l	99
3) Chloromethane	2.074	50	226559	42.376	ug/l	99
4) Vinyl Chloride	2.208	62	299108	42.952	ug/l	100
5) Bromomethane	2.599	94	259768	44.451	ug/l	98
6) Chloroethane	2.739	64	214462	45.180	ug/l	99
7) Trichlorofluoromethane	3.062	101	425022	43.957	ug/l	98
8) Diethyl Ether	3.458	74	120214	47.580	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	235949	47.026	ug/l	100
10) Methyl Iodide	4.013	142	299707	53.657	ug/l	100
11) Tert butyl alcohol	4.860	59	68272	201.273	ug/l	99
12) 1,1-Dichloroethene	3.793	96	230075	47.304	ug/l	96
13) Acrolein	3.653	56	62906	131.246	ug/l	98
14) Allyl chloride	4.391	41	270067	45.561	ug/l	97
15) Acrylonitrile	5.061	53	227050	234.824	ug/l	100
16) Acetone	3.873	43	216475	199.429	ug/l	98
17) Carbon Disulfide	4.110	76	641797	46.104	ug/l	100
18) Methyl Acetate	4.391	43	141856	49.819	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	585359	50.074	ug/l	97
20) Methylene Chloride	4.623	84	268309	45.712	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	260991	48.739	ug/l	98
22) Diisopropyl ether	6.025	45	634721	48.409	ug/l	99
23) Vinyl Acetate	5.964	43	1644848	231.765	ug/l	98
24) 1,1-Dichloroethane	5.921	63	419473	48.297	ug/l	98
25) 2-Butanone	6.897	43	282573	213.232	ug/l	98
26) 2,2-Dichloropropane	6.890	77	373616	46.880	ug/l	98
27) cis-1,2-Dichloroethene	6.897	96	310410	50.183	ug/l	96
28) Bromochloromethane	7.250	49	145920	45.004	ug/l	97
29) Tetrahydrofuran	7.268	42	170602	227.022	ug/l	95
30) Chloroform	7.427	83	475049	49.783	ug/l	99
31) Cyclohexane	7.707	56	331042	43.645	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	424106	48.906	ug/l	99
36) 1,1-Dichloropropene	7.841	75	318265	48.646	ug/l	99
37) Ethyl Acetate	6.988	43	121484	46.870	ug/l	98
38) Carbon Tetrachloride	7.823	117	390162	49.182	ug/l	98
39) Methylcyclohexane	9.110	83	411835	48.346	ug/l	99
40) Benzene	8.085	78	1013207	48.901	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	63797	45.510	ug/l	96
42) 1,2-Dichloroethane	8.159	62	255368	47.790	ug/l	99
43) Isopropyl Acetate	8.201	43	243368	47.088	ug/l	96
44) Trichloroethene	8.872	130	299058	49.314	ug/l	97
45) 1,2-Dichloropropane	9.146	63	227266	49.660	ug/l	98
46) Dibromomethane	9.238	93	144685	49.998	ug/l	99
47) Bromodichloromethane	9.427	83	363090	49.819	ug/l	100
48) Methyl methacrylate	9.225	41	114511	47.162	ug/l	93
49) 1,4-Dioxane	9.231	88	31106	927.110	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	650377	243.557	ug/l	99
52) Toluene	10.170	92	684737	50.899	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	318873	50.318	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	373267	49.906	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	198639	51.045	ug/l	98
56) Ethyl methacrylate	10.439	69	236325	52.647	ug/l	96
57) 1,3-Dichloropropane	10.719	76	309756	50.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	588106	292.462	ug/l	99
59) 2-Hexanone	10.762	43	445272	233.330	ug/l	98
60) Dibromochloromethane	10.914	129	282498	51.779	ug/l	100
61) 1,2-Dibromoethane	11.018	107	189410	51.037	ug/l	100
64) Tetrachloroethene	10.646	164	379756	50.979	ug/l	98
65) Chlorobenzene	11.444	112	771333	49.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	275870	49.337	ug/l	99
67) Ethyl Benzene	11.518	91	1277745	50.307	ug/l	100
68) m/p-Xylenes	11.627	106	1034698	101.566	ug/l	99
69) o-Xylene	11.957	106	486384	50.901	ug/l	99
70) Styrene	11.969	104	823179	52.386	ug/l	99
71) Bromoform	12.133	173	175516	50.604	ug/l #	99
73) Isopropylbenzene	12.255	105	1255882	48.998	ug/l	100
74) N-amyl acetate	12.072	43	209006	45.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	194885	46.488	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	150915m	43.980	ug/l	
77) Bromobenzene	12.530	156	322980	47.399	ug/l	99
78) n-propylbenzene	12.597	91	1450372	48.899	ug/l	100
79) 2-Chlorotoluene	12.676	91	830007	47.786	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1021663	49.327	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	65028	46.471	ug/l	97
82) 4-Chlorotoluene	12.780	91	865243	48.370	ug/l	100
83) tert-Butylbenzene	12.999	119	936422	48.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1023227	49.502	ug/l	100
85) sec-Butylbenzene	13.176	105	1342625	48.943	ug/l	100
86) p-Isopropyltoluene	13.292	119	1153641	49.393	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	624270	47.047	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	610757	46.604	ug/l	100
89) n-Butylbenzene	13.615	91	1002264	49.248	ug/l	99
90) Hexachloroethane	13.877	117	243293	48.430	ug/l	95
91) 1,2-Dichlorobenzene	13.658	146	551172	47.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31362	45.594	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	334394	46.107	ug/l	100
94) Hexachlorobutadiene	15.023	225	204964	45.337	ug/l	98
95) Naphthalene	15.145	128	614826	53.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	291042	46.330	ug/l	99

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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

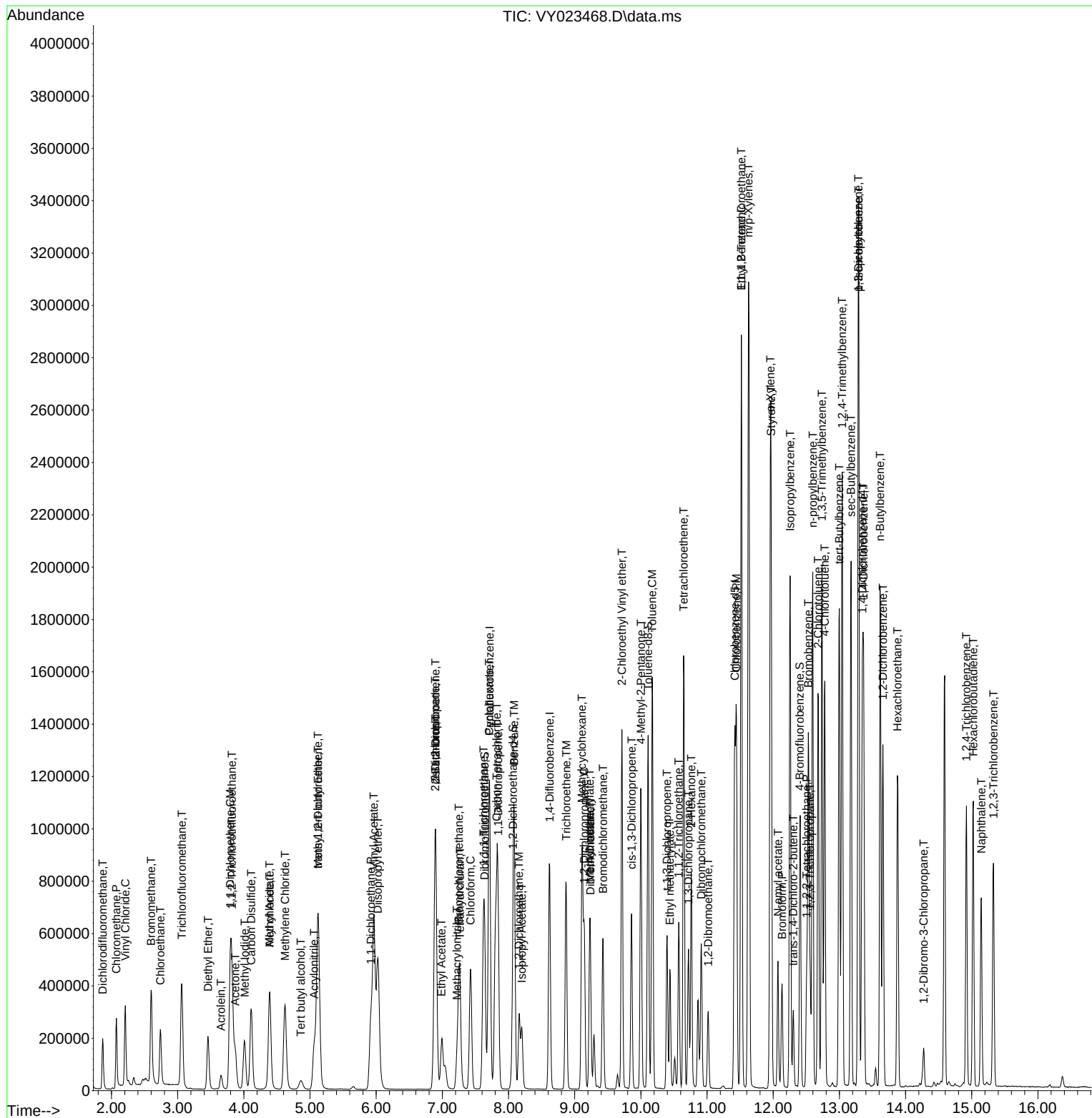
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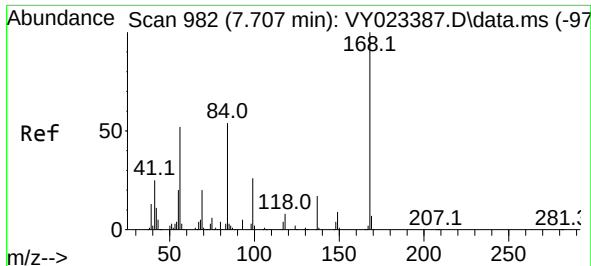
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Manual Integrations APPROVED

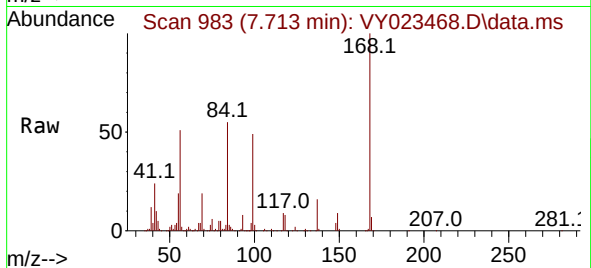
Reviewed By : Semsettin Yesilyurt 10/16/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023468.D
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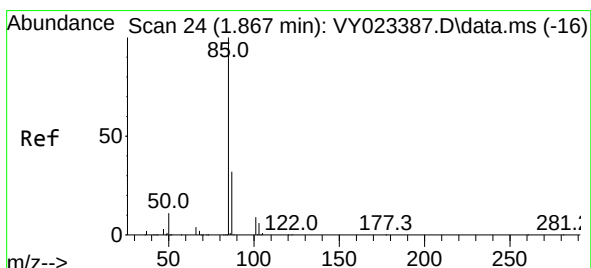
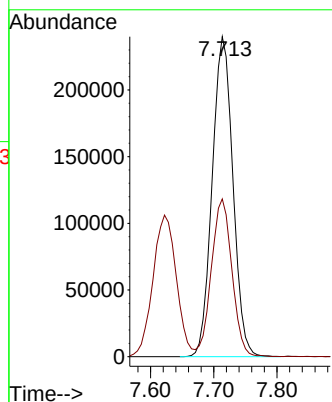
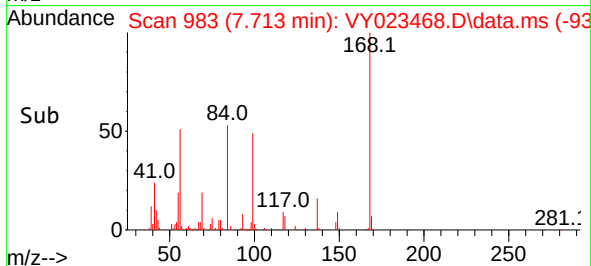
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 54525
Ion Ratio Lower Upper
168 100
99 49.2 39.7 59.5

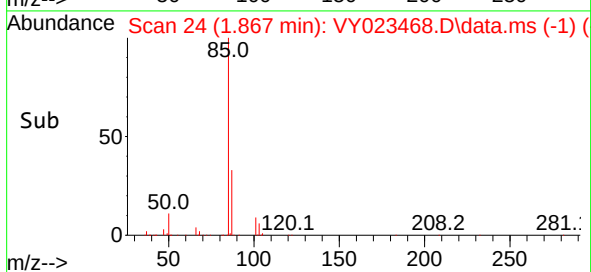
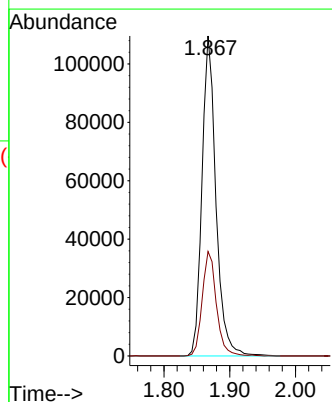
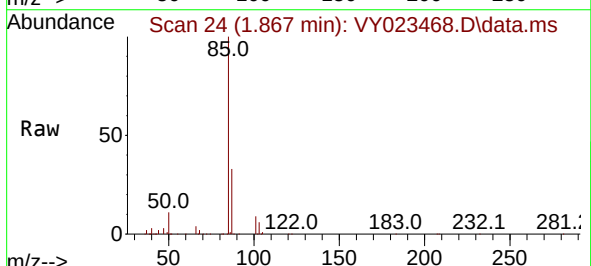
Manual Integrations
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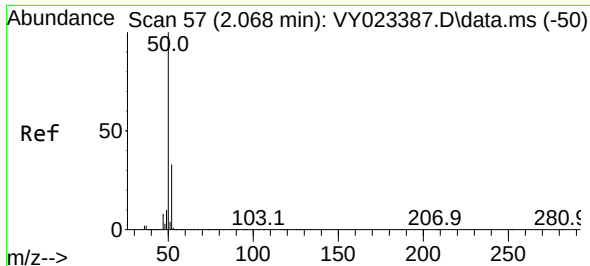
Reviewed By :Semsettin Yesilyurt 10/16/2025
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#2
Dichlorodifluoromethane
Concen: 41.192 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

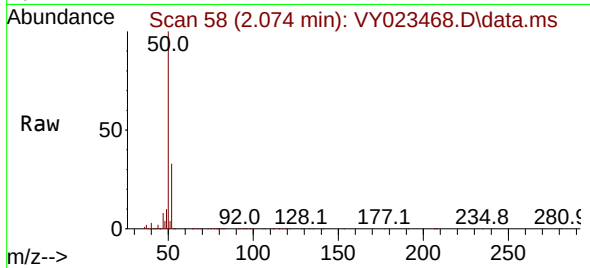
Tgt Ion: 85 Resp: 161665
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9





#3
Chloromethane
Concen: 42.376 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

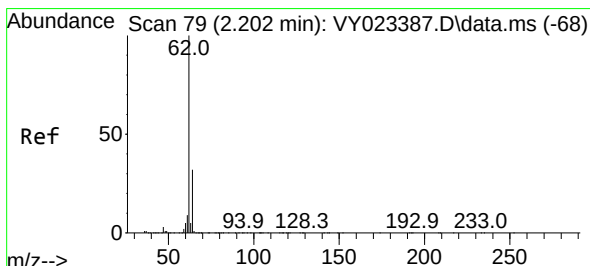
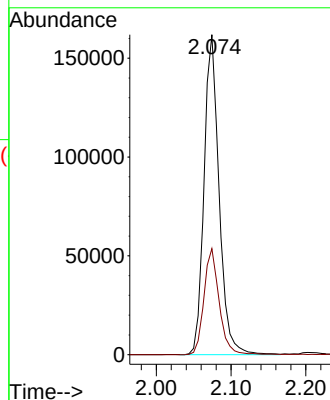
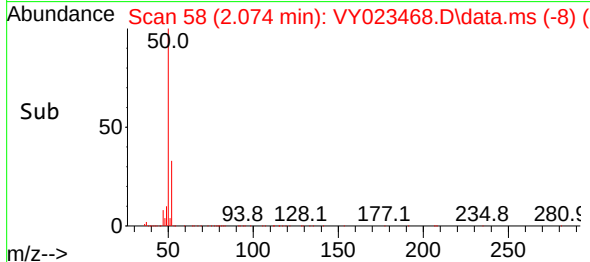
Instrument :
MSVOA_Y
ClientSampleId :
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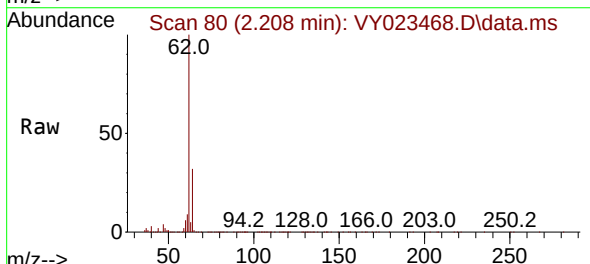
Tgt Ion: 50 Resp: 226559
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

Manual Integrations
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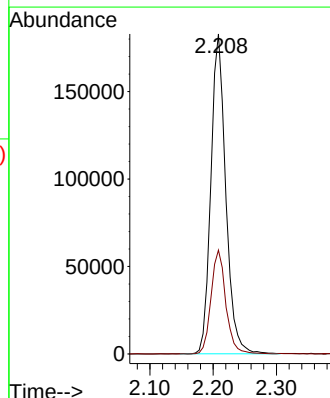
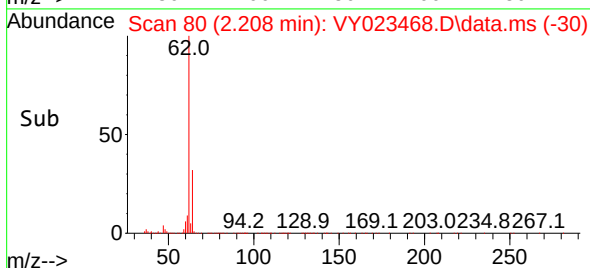
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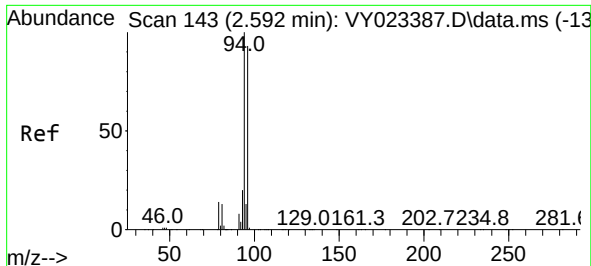


#4
Vinyl Chloride
Concen: 42.952 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



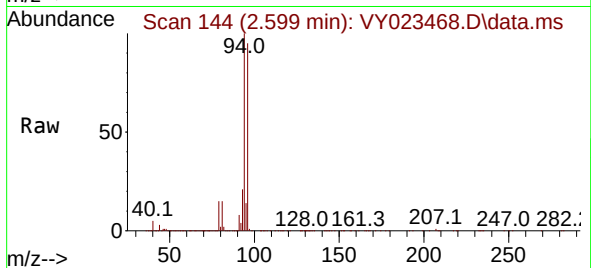
Tgt Ion: 62 Resp: 299108
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.8





#5
Bromomethane
Concen: 44.451 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

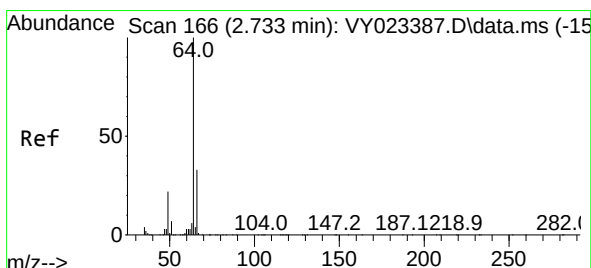
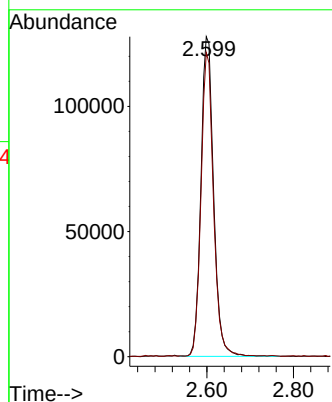
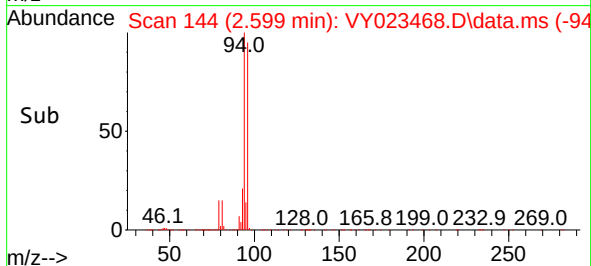
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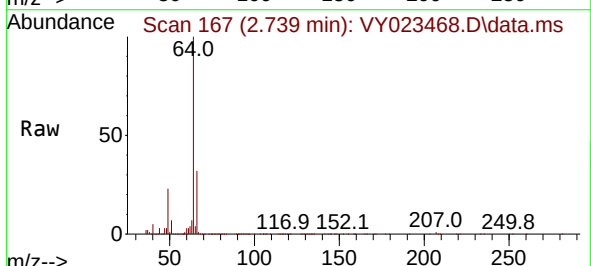
Tgt Ion: 94 Resp: 259768
Ion Ratio Lower Upper
94 100
96 94.9 74.5 111.7

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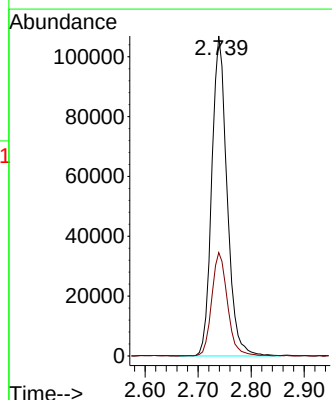
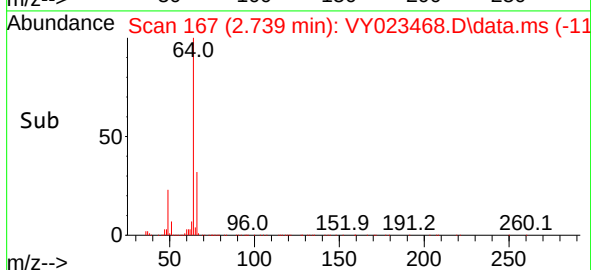
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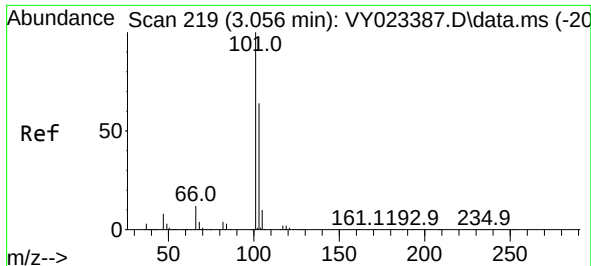


#6
Chloroethane
Concen: 45.180 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion: 64 Resp: 214462
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





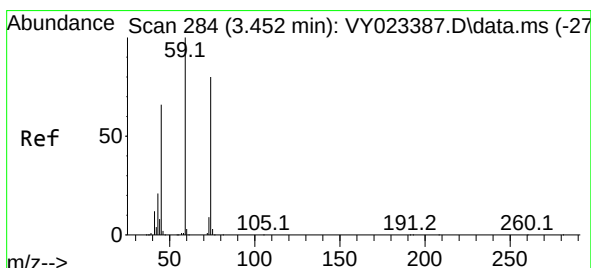
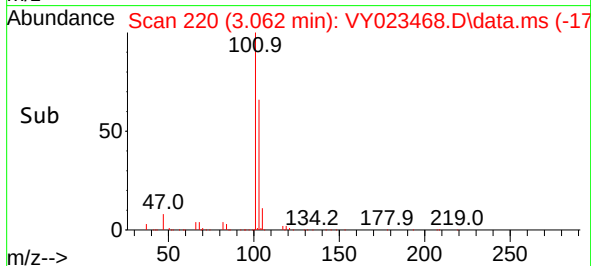
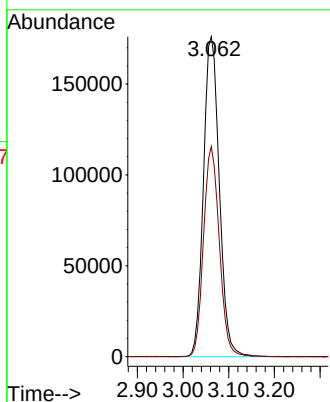
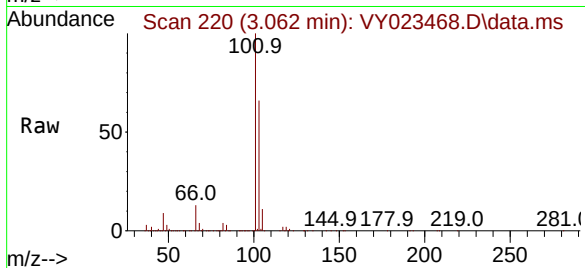
#7
Trichlorofluoromethane
Concen: 43.957 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 42502
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

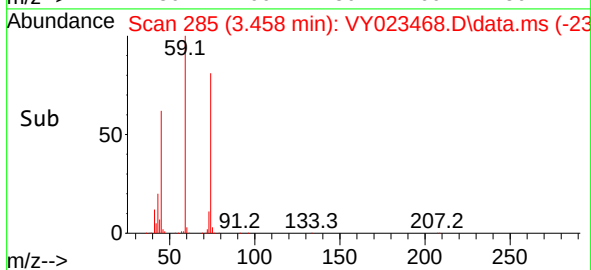
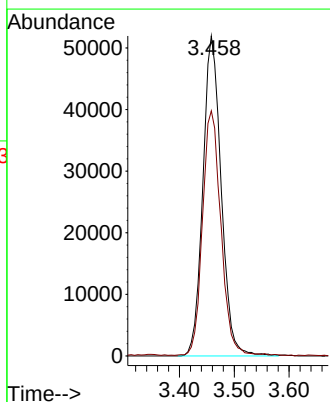
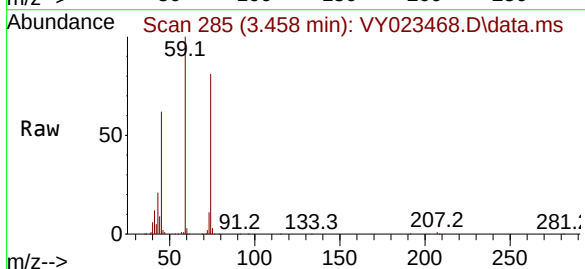
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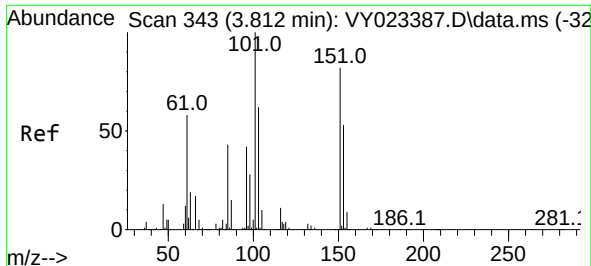
Reviewed By :Semsettin Yesilyurt 10/16/2025
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#8
Diethyl Ether
Concen: 47.580 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023468.D
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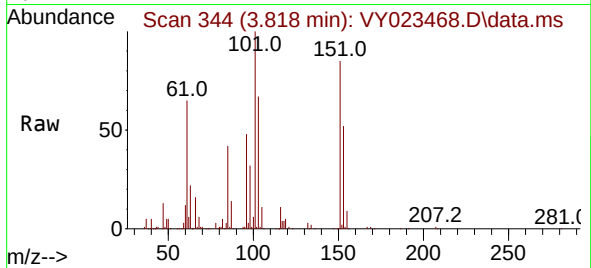
Tgt Ion: 74 Resp: 120214
Ion Ratio Lower Upper
74 100
45 76.5 39.9 119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.026 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

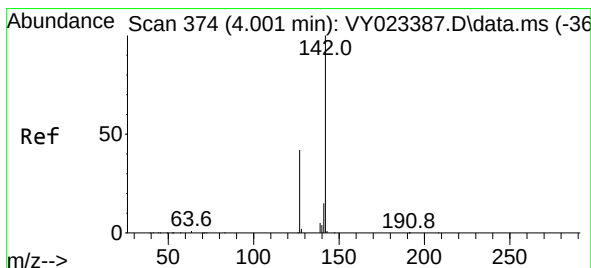
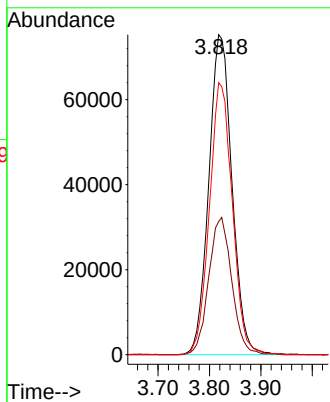
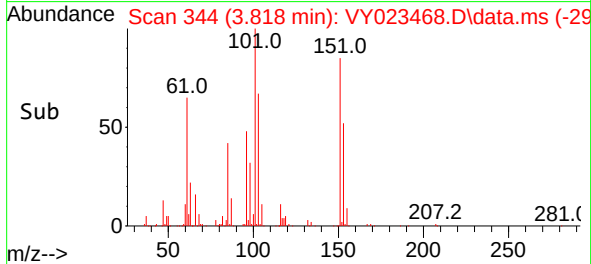
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 235949
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 84.0 67.0 100.6

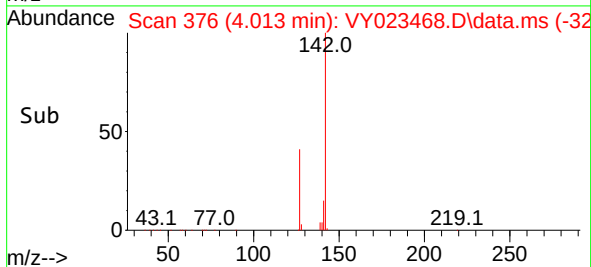
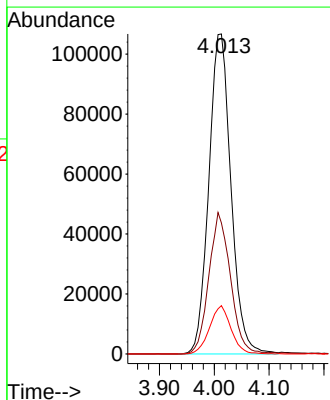
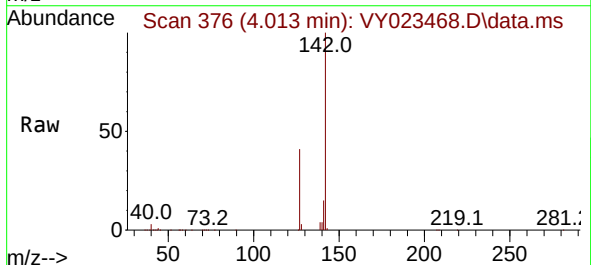
Manual Integrations
APPROVED

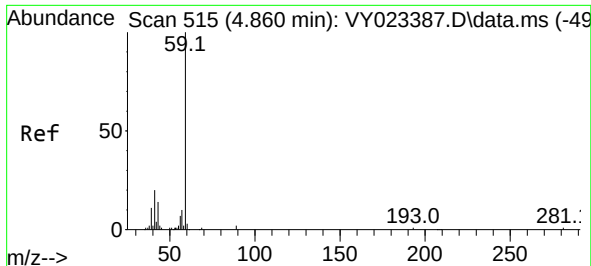
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 53.657 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

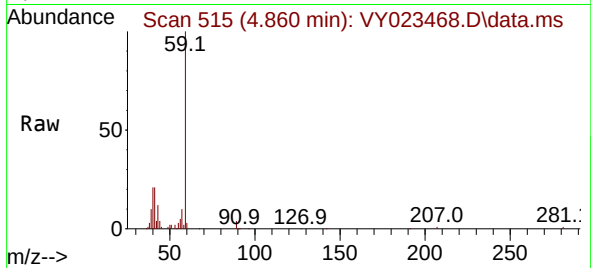
Tgt Ion:142 Resp: 299707
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 201.273 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

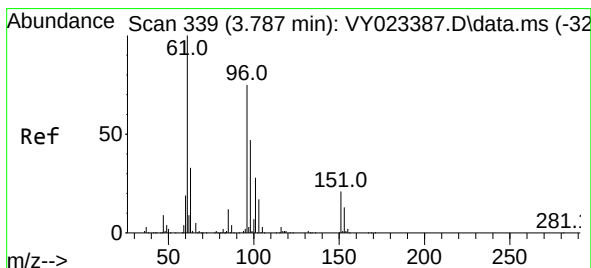
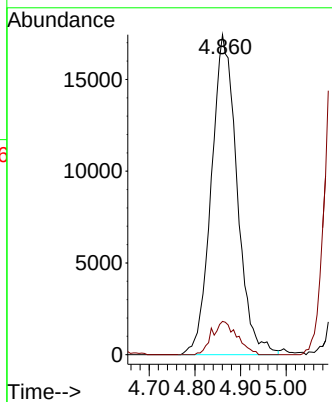
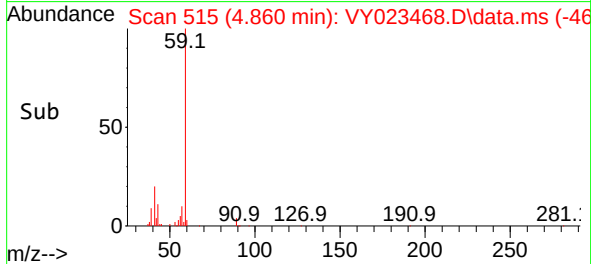
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



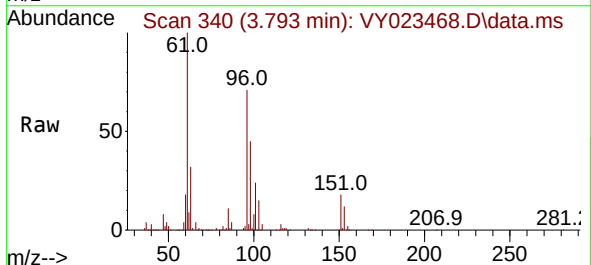
Tgt Ion: 59 Resp: 68272
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

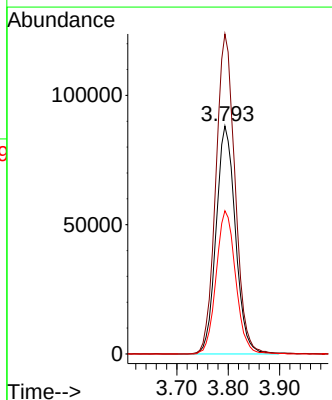
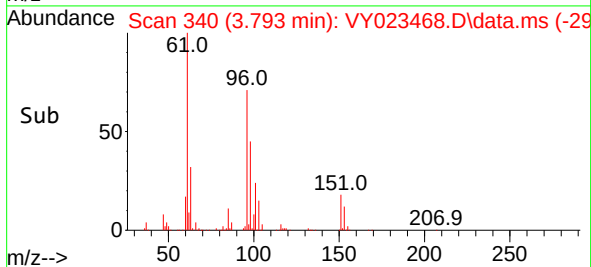
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

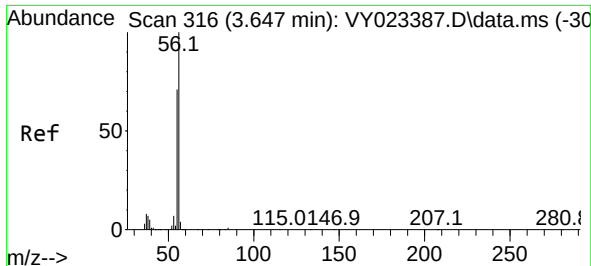


#12
1,1-Dichloroethene
Concen: 47.304 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



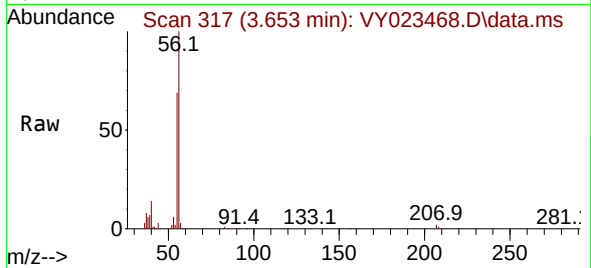
Tgt Ion: 96 Resp: 230075
Ion Ratio Lower Upper
96 100
61 140.3 106.7 160.1
98 62.8 50.2 75.4





#13
Acrolein
Concen: 131.246 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

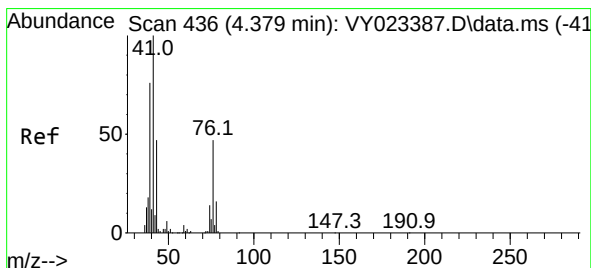
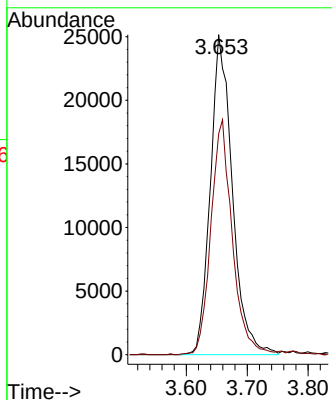
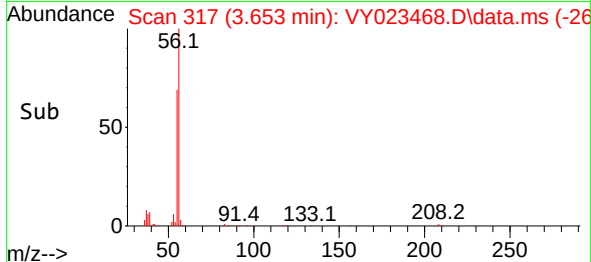
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 62900
Ion Ratio Lower Upper
56 100
55 71.4 56.1 84.1

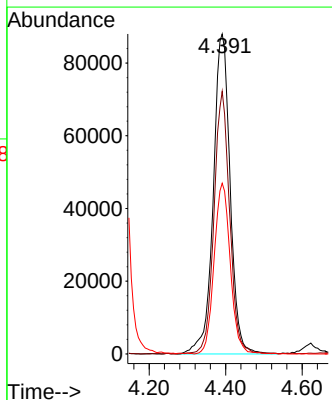
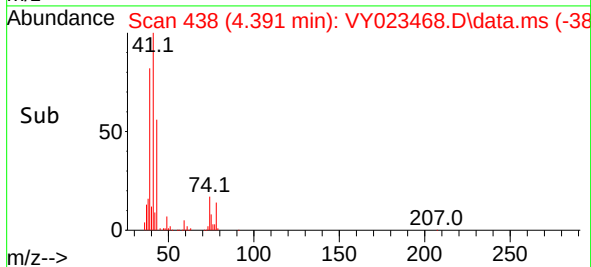
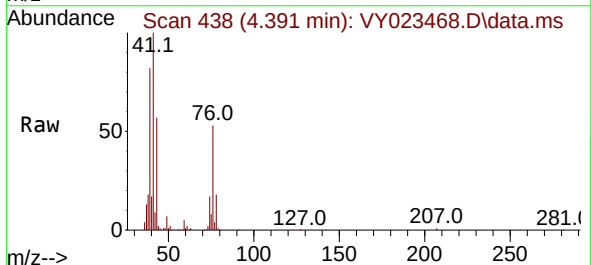
Manual Integrations
APPROVED

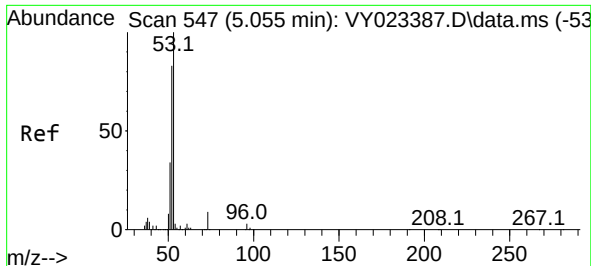
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 45.561 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

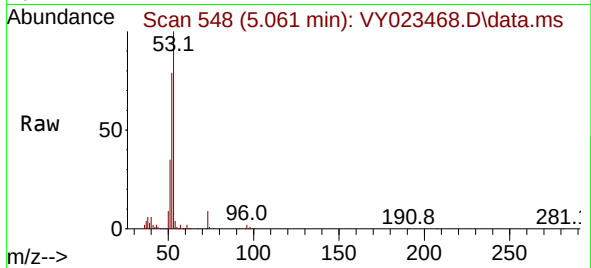
Tgt Ion: 41 Resp: 270067
Ion Ratio Lower Upper
41 100
39 76.5 59.9 89.9
76 51.1 38.0 57.0





#15
Acrylonitrile
Concen: 234.824 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

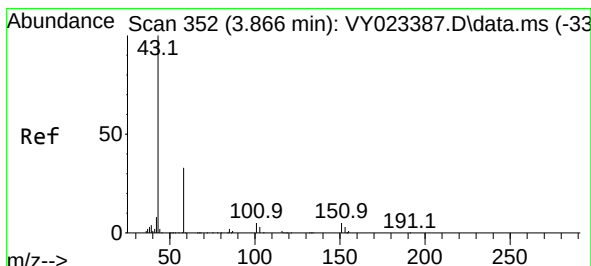
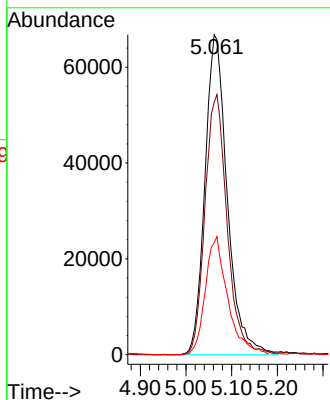
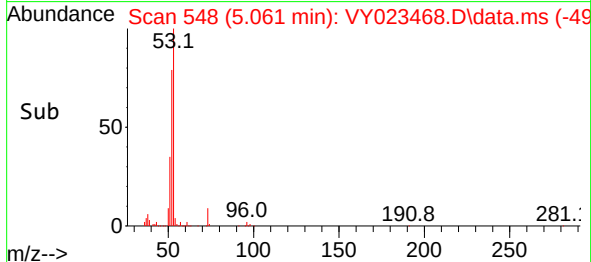
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



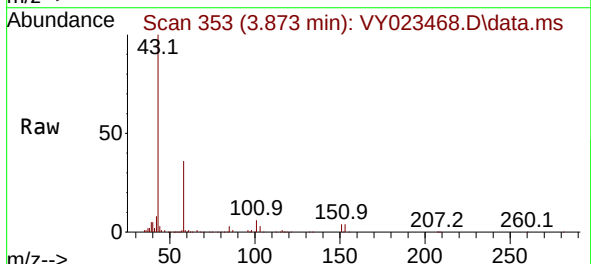
Tgt Ion: 53 Resp: 227050
Ion Ratio Lower Upper
53 100
52 80.7 64.6 97.0
51 37.3 29.5 44.3

Manual Integrations
APPROVED

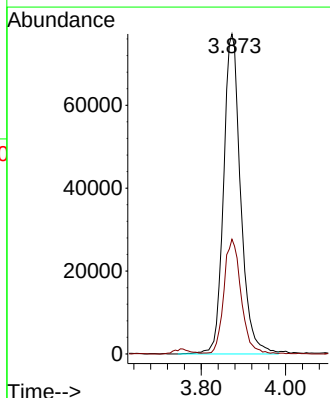
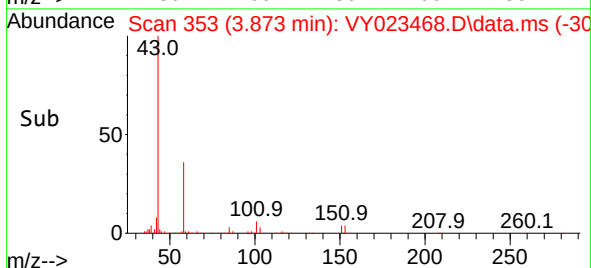
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

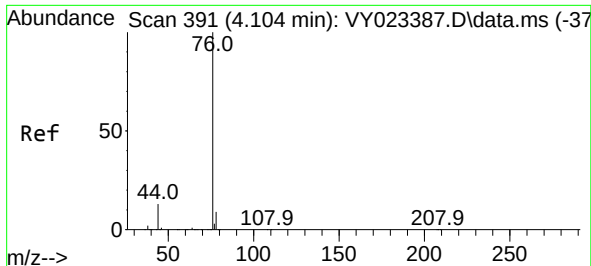


#16
Acetone
Concen: 199.429 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



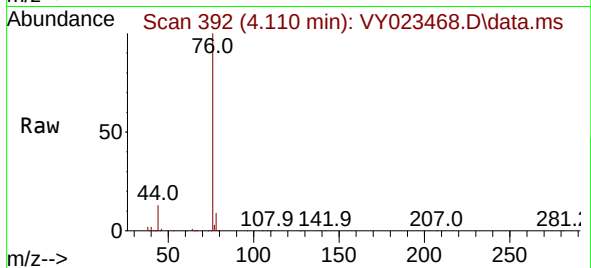
Tgt Ion: 43 Resp: 216475
Ion Ratio Lower Upper
43 100
58 35.6 27.7 41.5





#17
Carbon Disulfide
Concen: 46.104 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

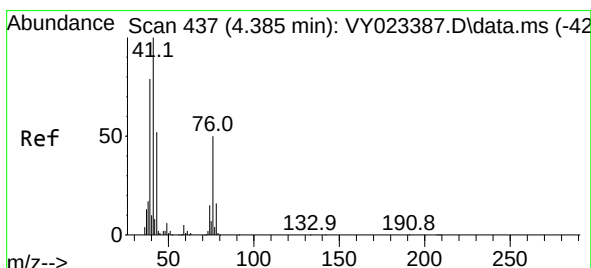
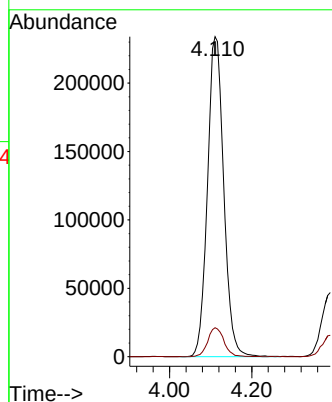
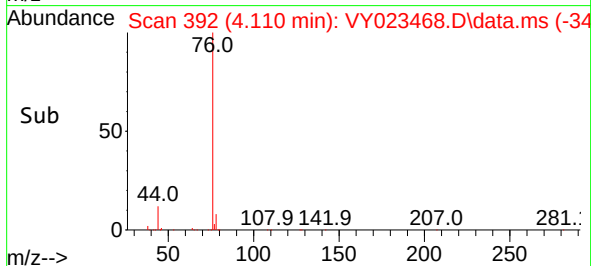
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 64179
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

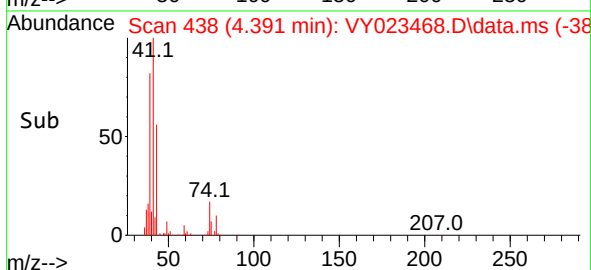
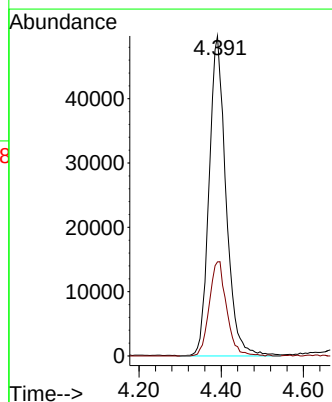
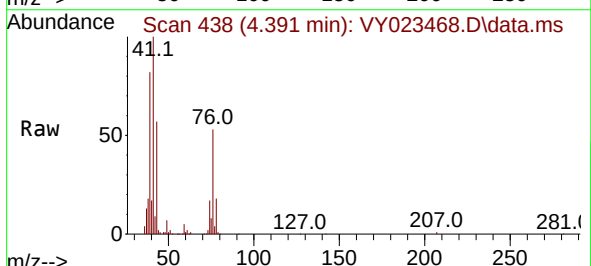
Manual Integrations
APPROVED

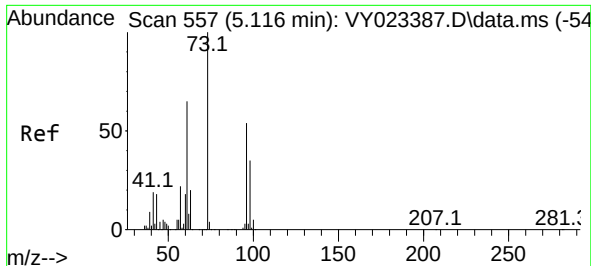
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#18
Methyl Acetate
Concen: 49.819 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Tgt Ion: 43 Resp: 141856
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 50.074 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 58535

Ion Ratio Lower Upper

73 100

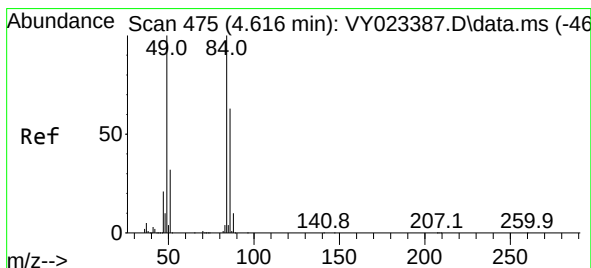
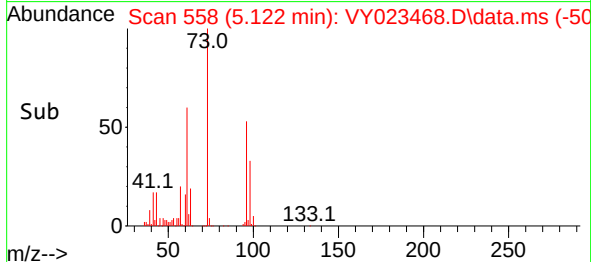
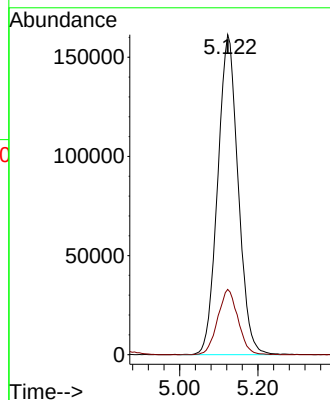
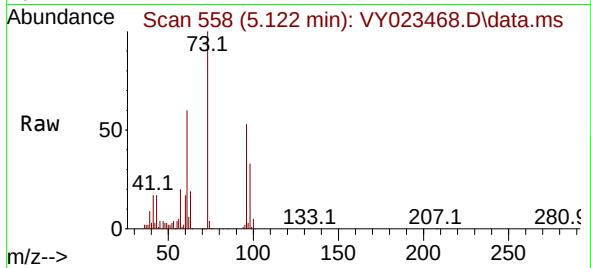
57 20.4 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#20

Methylene Chloride

Concen: 45.712 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion: 84 Resp: 268309

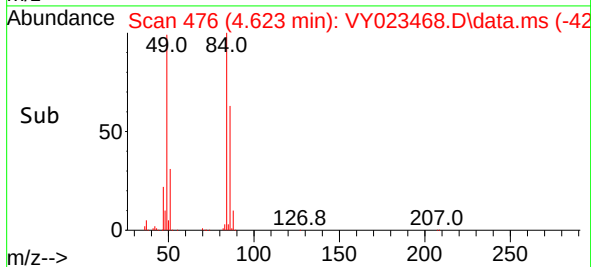
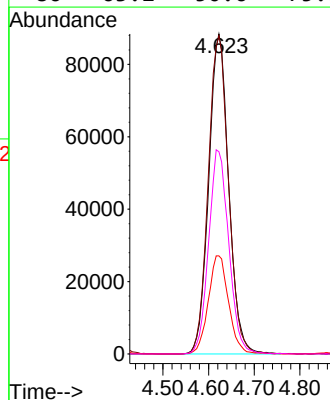
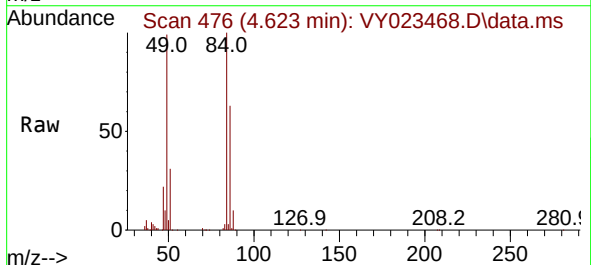
Ion Ratio Lower Upper

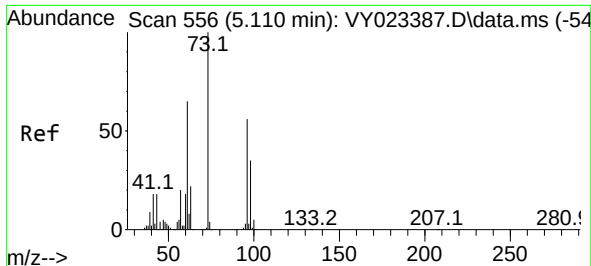
84 100

49 99.5 80.2 120.4

51 30.6 25.9 38.9

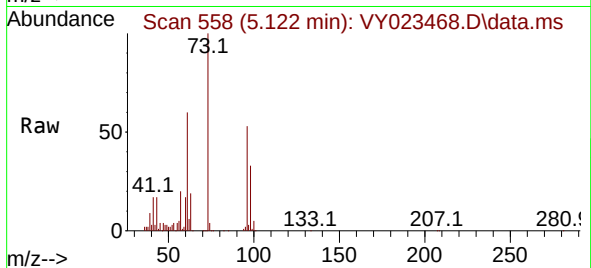
86 63.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.739 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

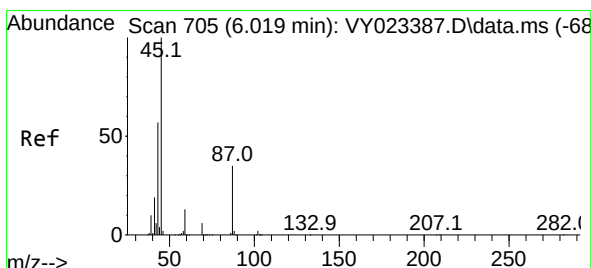
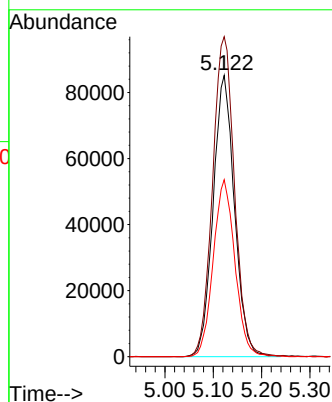
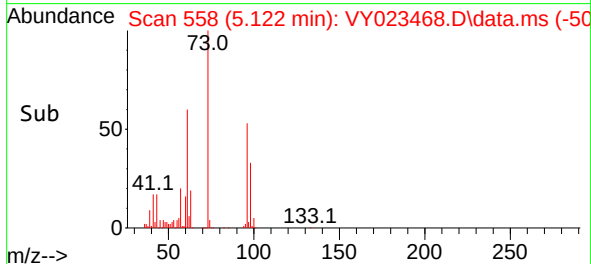
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



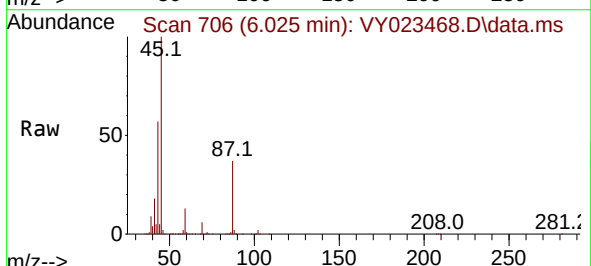
Tgt Ion: 96 Resp: 26099
Ion Ratio Lower Upper
96 100
61 113.7 92.7 139.1
98 62.9 49.7 74.5

Manual Integrations
APPROVED

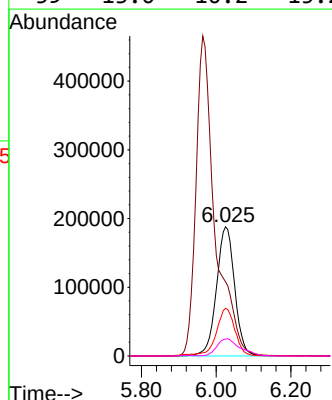
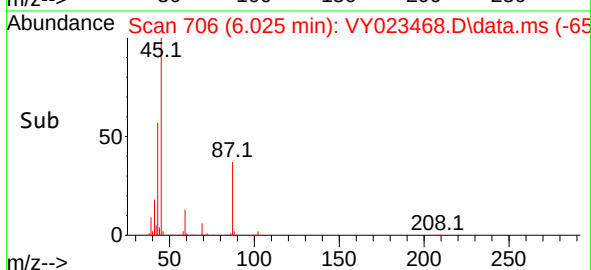
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

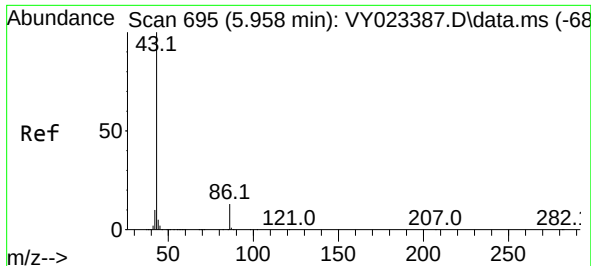


#22
Diisopropyl ether
Concen: 48.409 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



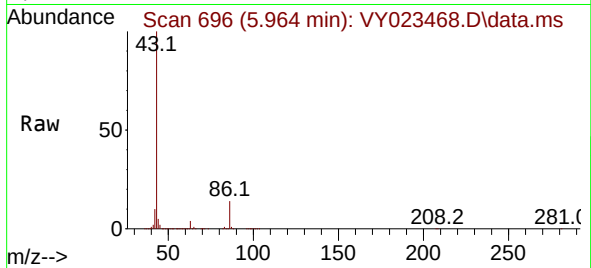
Tgt Ion: 45 Resp: 634721
Ion Ratio Lower Upper
45 100
43 57.1 45.6 68.4
87 37.0 28.1 42.1
59 13.0 10.2 15.2





#23
 Vinyl Acetate
 Concen: 231.765 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023468.D
 Acq: 14 Oct 2025 17:36

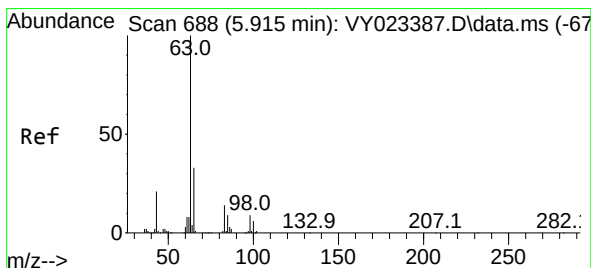
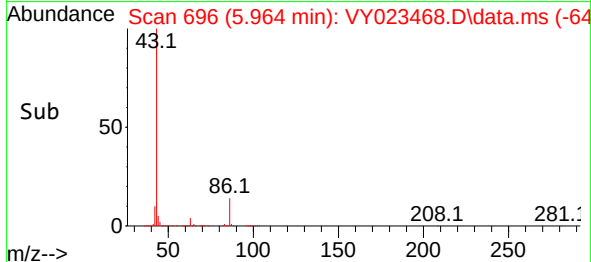
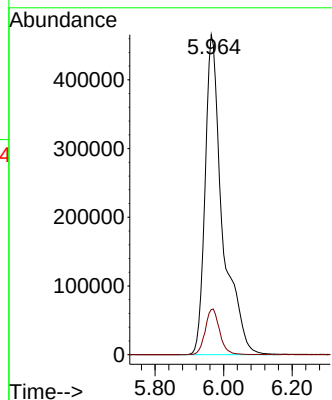
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 164484
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.6 15.8

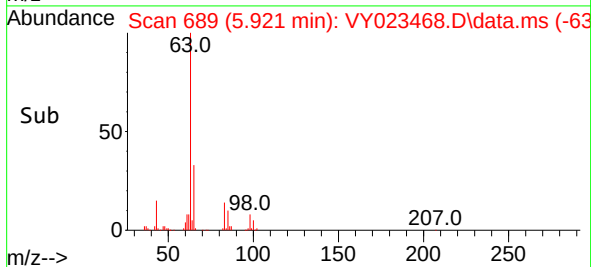
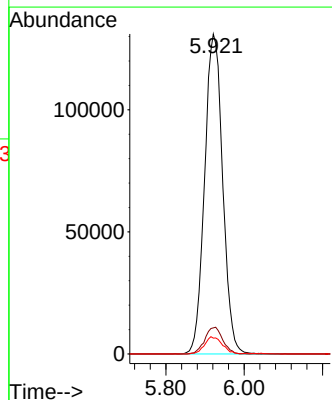
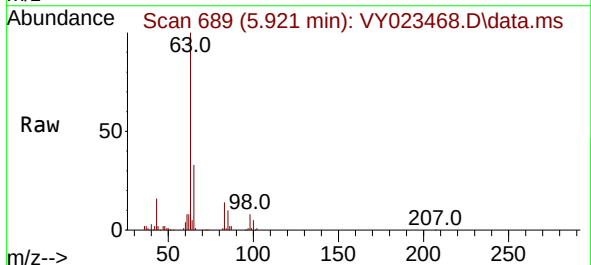
Manual Integrations
 APPROVED

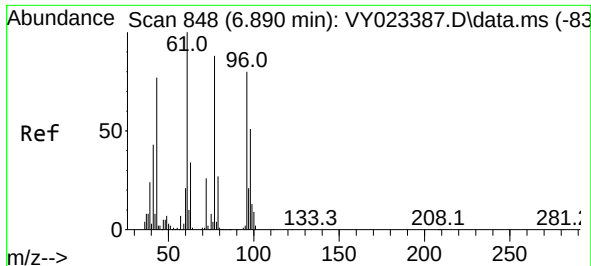
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#24
 1,1-Dichloroethane
 Concen: 48.297 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023468.D
 Acq: 14 Oct 2025 17:36

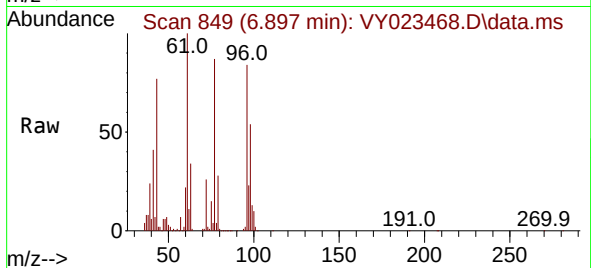
Tgt Ion: 63 Resp: 419473
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 13.1
 100 4.9 2.8 8.4





#25
2-Butanone
Concen: 213.232 ug/l
RT: 6.897 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

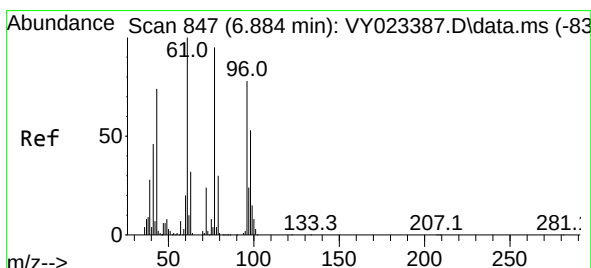
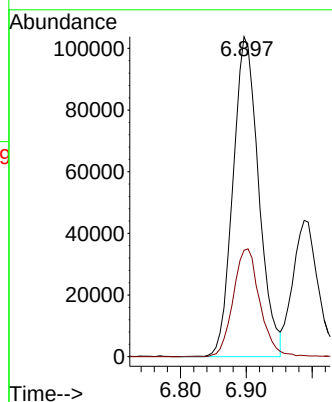
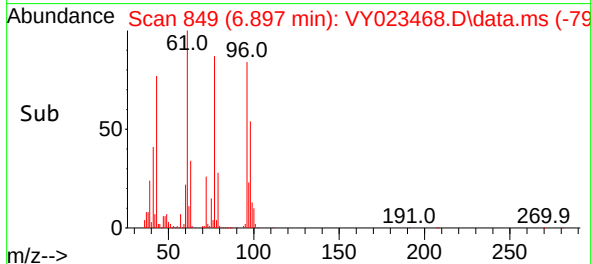
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



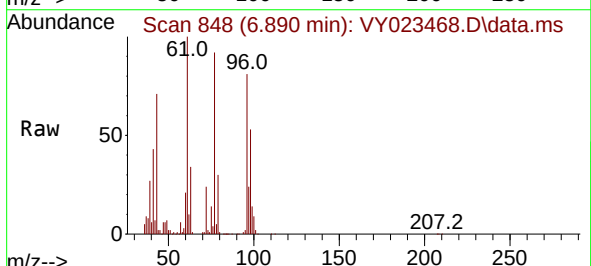
Tgt Ion: 43 Resp: 28257
Ion Ratio Lower Upper
43 100
72 33.3 27.4 41.2

Manual Integrations
APPROVED

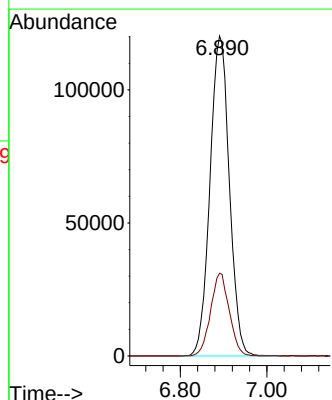
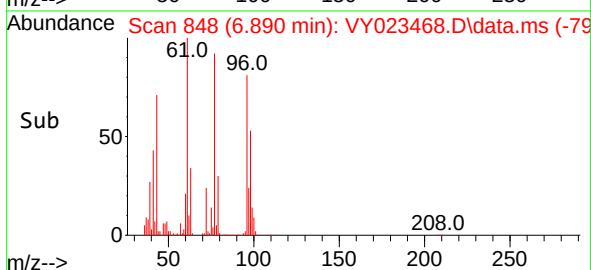
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

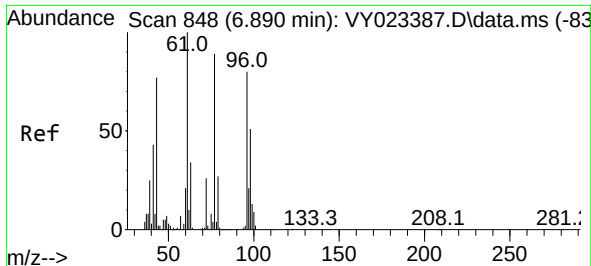


#26
2,2-Dichloropropane
Concen: 46.880 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion: 77 Resp: 373616
Ion Ratio Lower Upper
77 100
97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 50.183 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023468.D

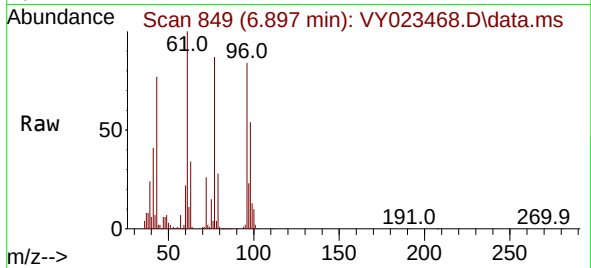
Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 310410

Ion Ratio Lower Upper

96 100

61 122.8 0.0 258.2

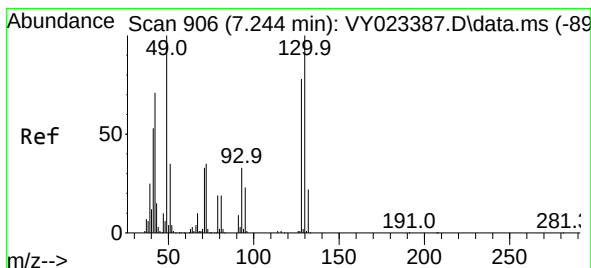
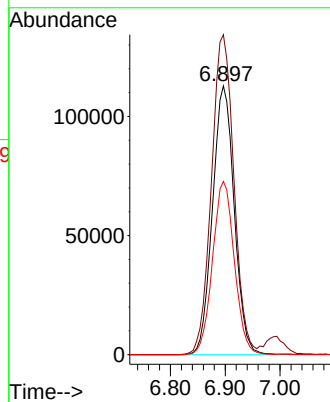
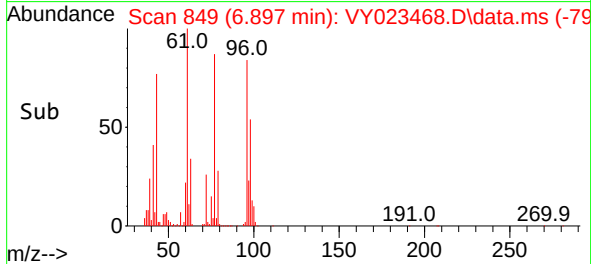
98 64.8 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 45.004 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

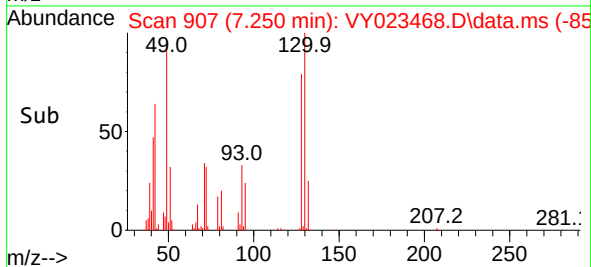
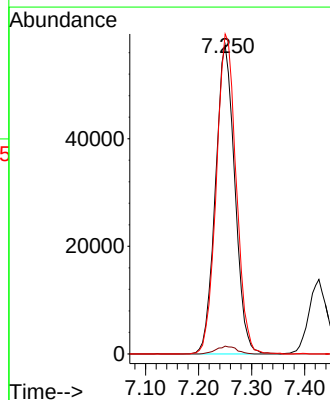
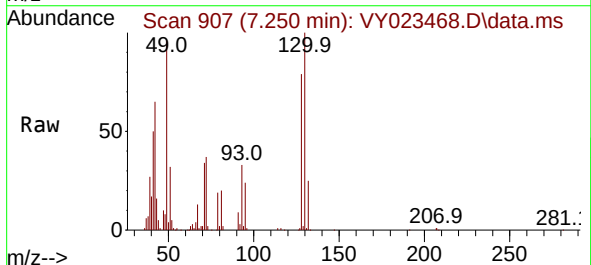
Tgt Ion: 49 Resp: 145920

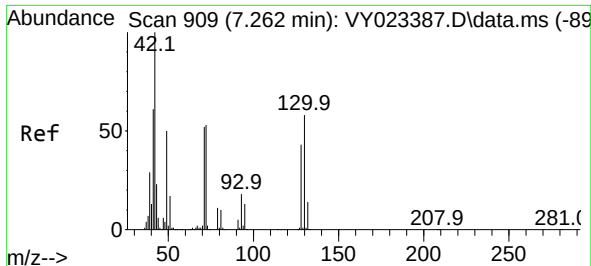
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 105.5 81.9 122.9





#29

Tetrahydrofuran

Concen: 227.022 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

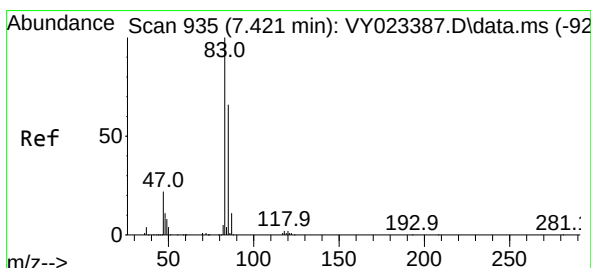
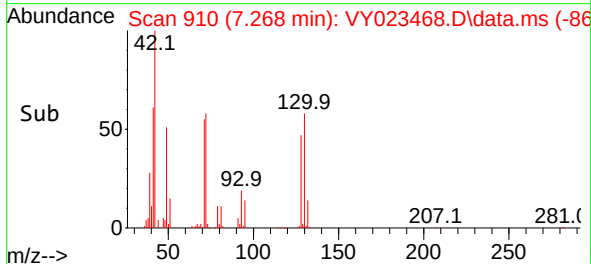
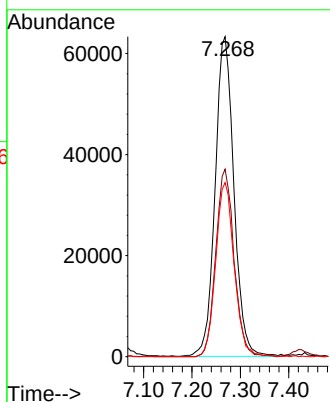
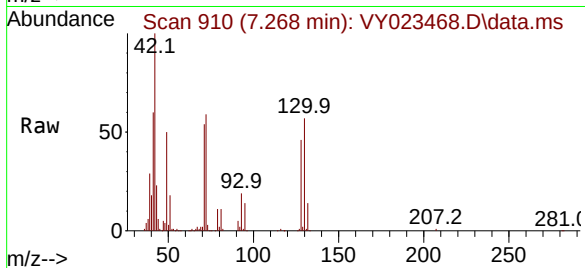
VSTDCCC050EC

Tgt Ion:	42	Resp:	170602
Ion Ratio	Lower	Upper	
42	100		
72	57.2	43.0	64.6
71	53.6	40.1	60.1

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 49.783 ug/l

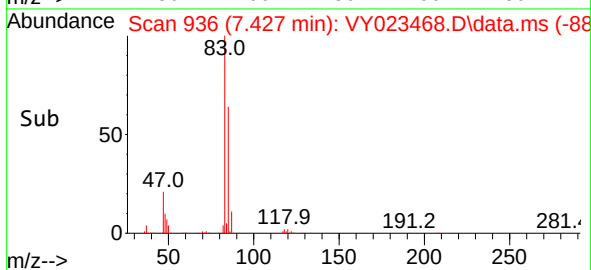
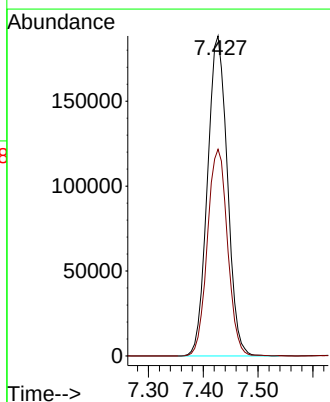
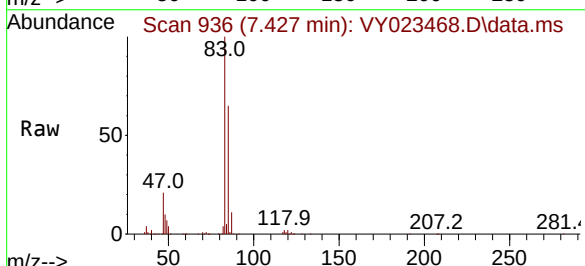
RT: 7.427 min Scan# 936

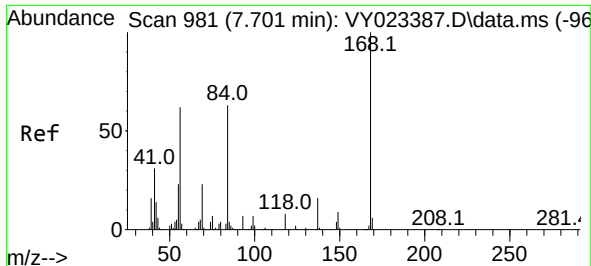
Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

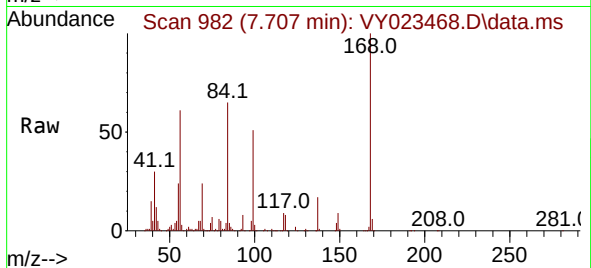
Tgt Ion:	83	Resp:	475049
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.5	78.7





#31
Cyclohexane
Concen: 43.645 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

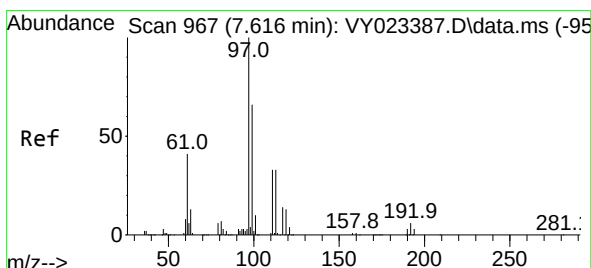
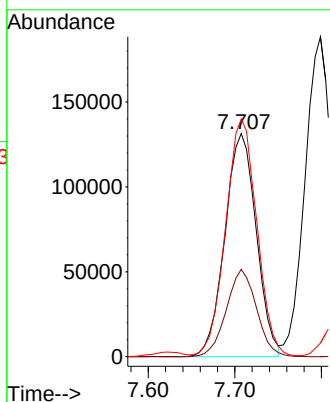
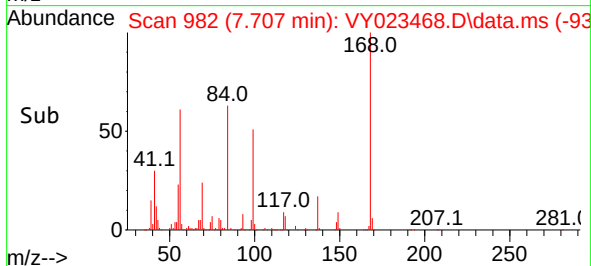
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



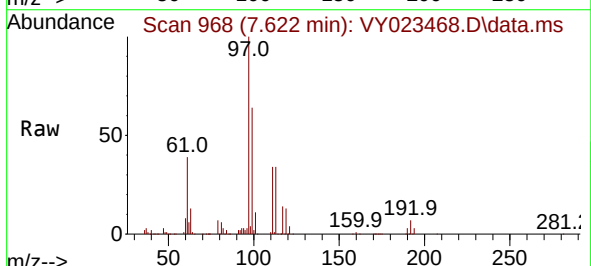
Tgt Ion: 56 Resp: 33104
Ion Ratio Lower Upper
56 100
69 39.1 30.0 45.0
84 104.7 81.2 121.8

Manual Integrations
APPROVED

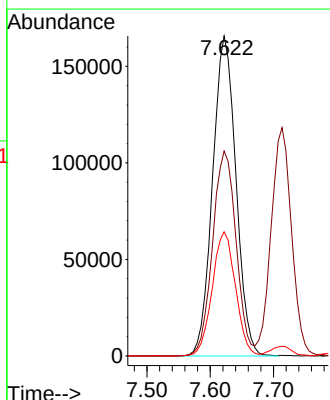
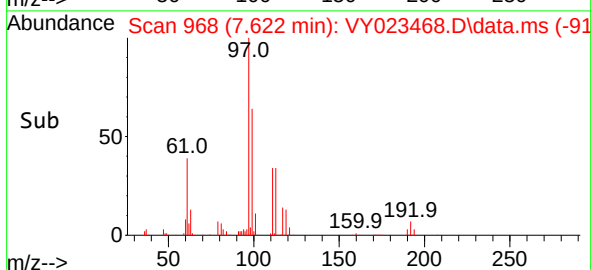
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

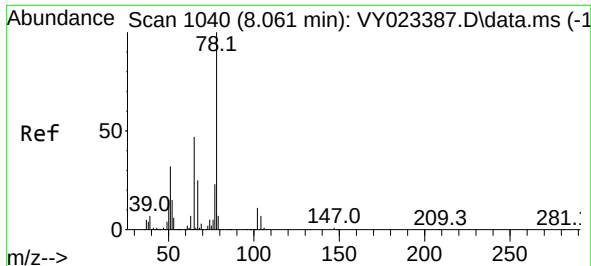


#32
1,1,1-Trichloroethane
Concen: 48.906 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion: 97 Resp: 424106
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 38.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.404 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 216139

Ion Ratio Lower Upper

65 100

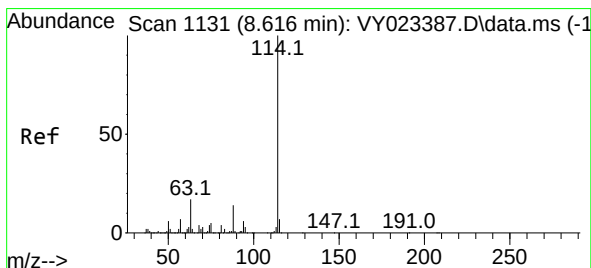
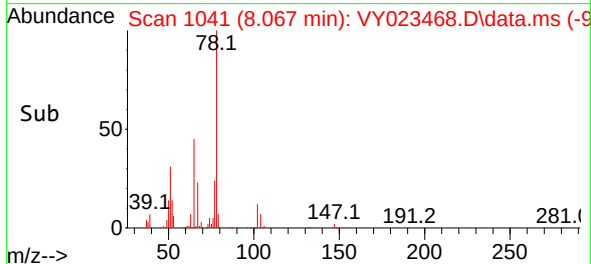
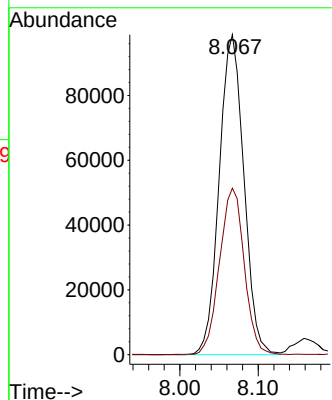
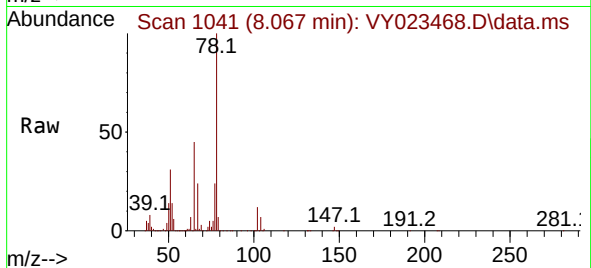
67 52.3 0.0 105.8

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: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

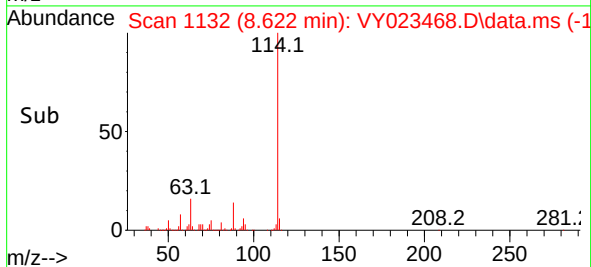
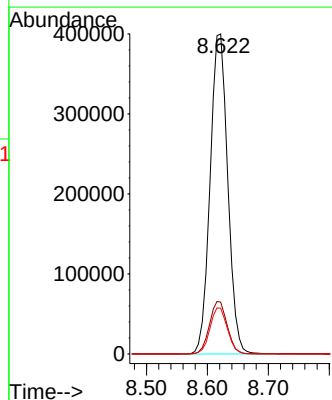
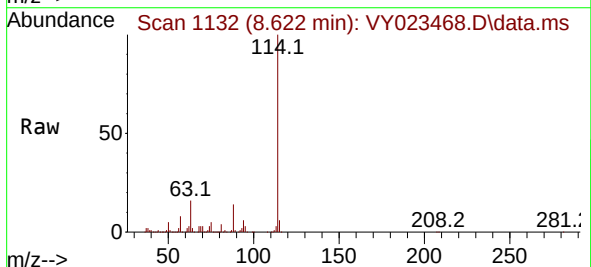
Tgt Ion:114 Resp: 804264

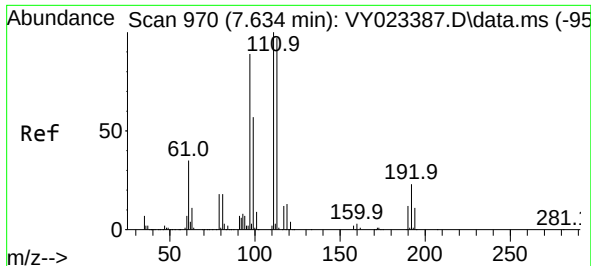
Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.2

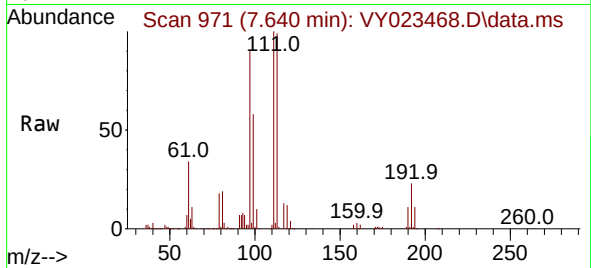
88 14.3 0.0 28.4





#35
Dibromofluoromethane
Concen: 49.985 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

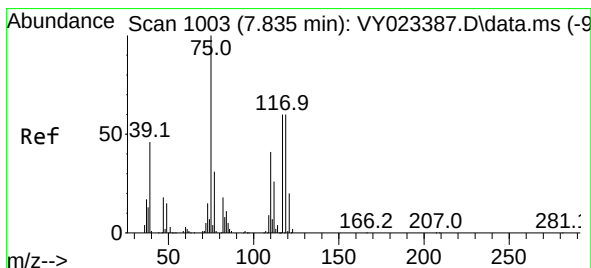
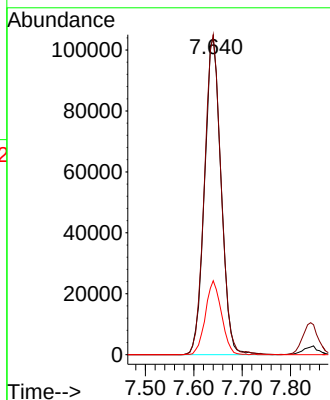
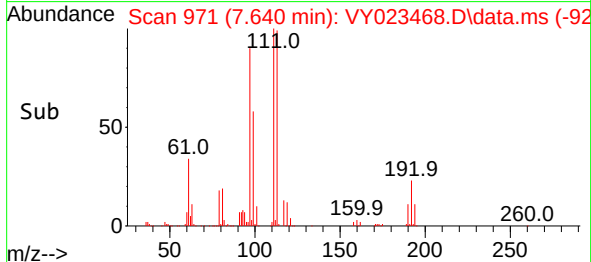
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 247010
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.6
192 22.7 18.0 27.0

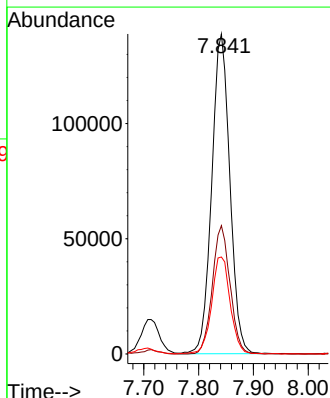
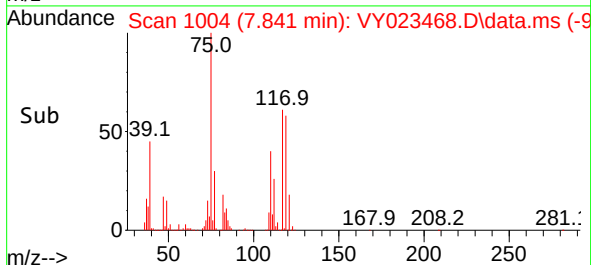
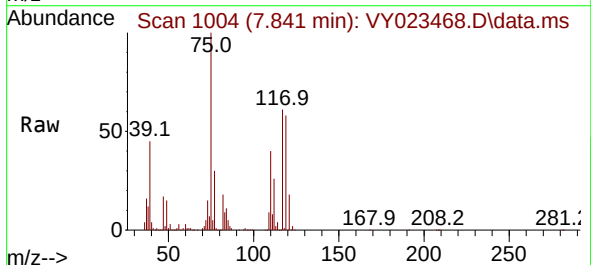
Manual Integrations
APPROVED

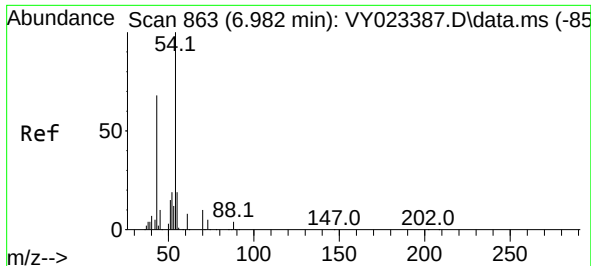
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#36
1,1-Dichloropropene
Concen: 48.646 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Tgt Ion: 75 Resp: 318265
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.7
77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 46.870 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 121484

Ion Ratio Lower Upper

43 100

61 15.9 11.8 17.8

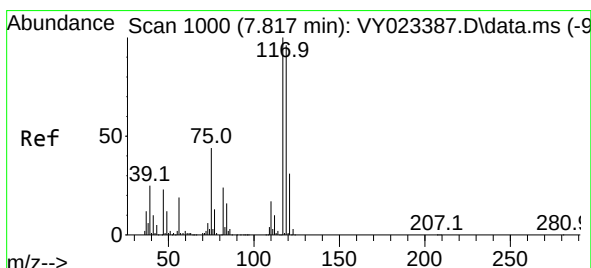
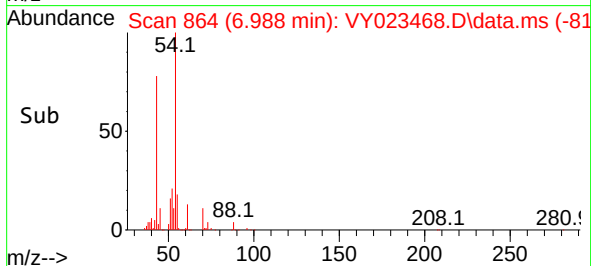
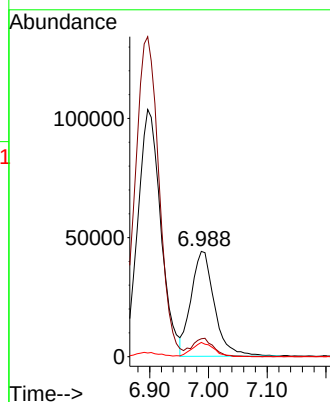
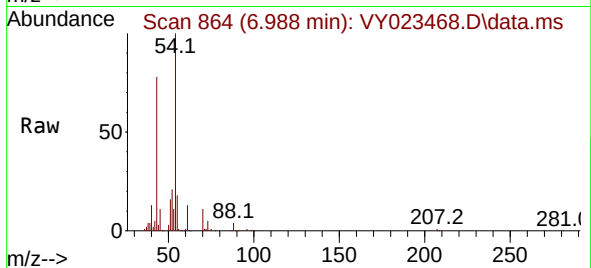
70 12.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#38

Carbon Tetrachloride

Concen: 49.182 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

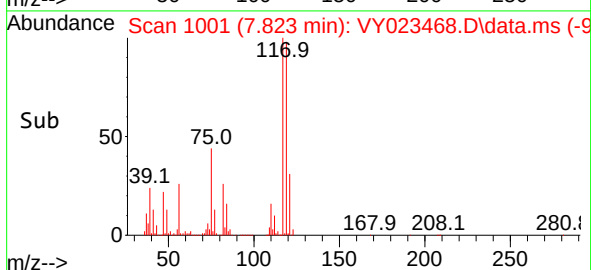
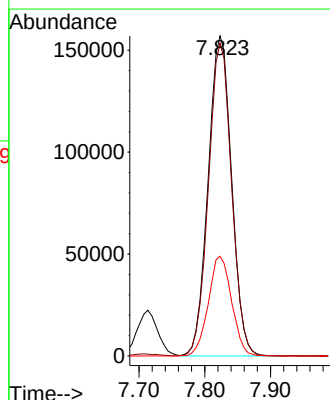
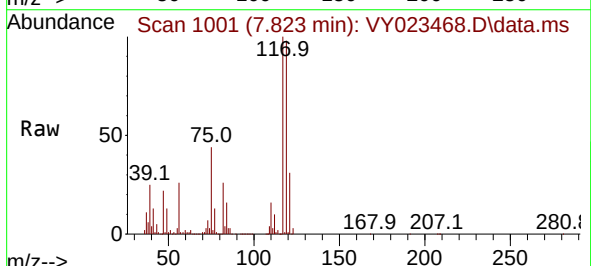
Tgt Ion:117 Resp: 390162

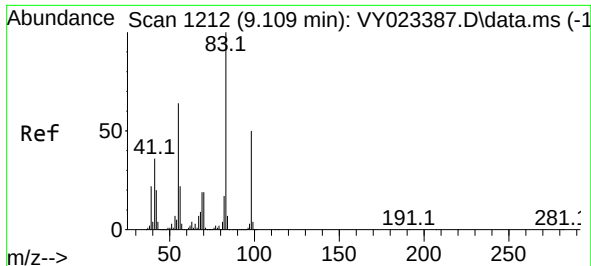
Ion Ratio Lower Upper

117 100

119 97.8 76.8 115.2

121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 48.346 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

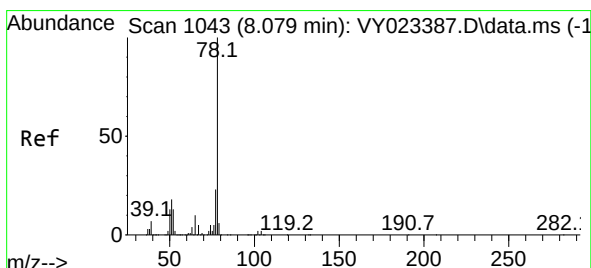
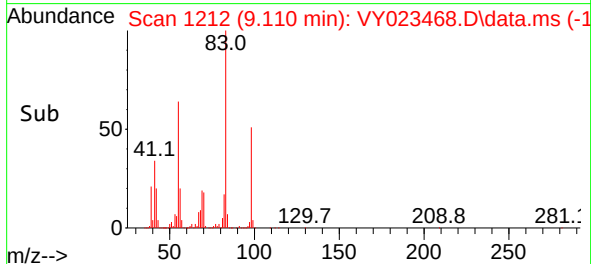
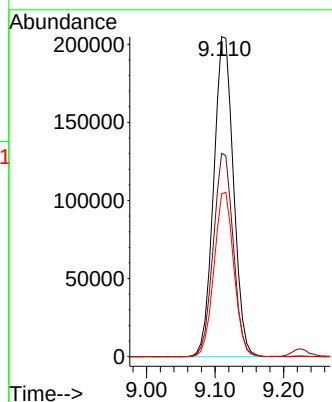
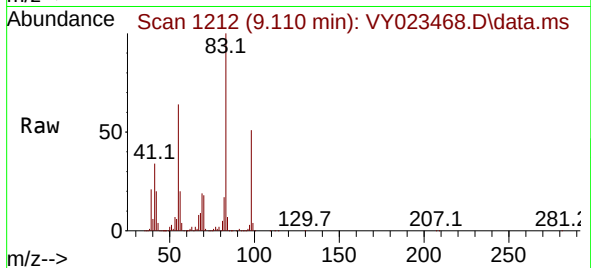
Tgt Ion: 83 Resp: 411835

Ion	Ratio	Lower	Upper
83	100		
55	63.6	51.4	77.2
98	50.9	40.4	60.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 48.901 ug/l

RT: 8.085 min Scan# 1044

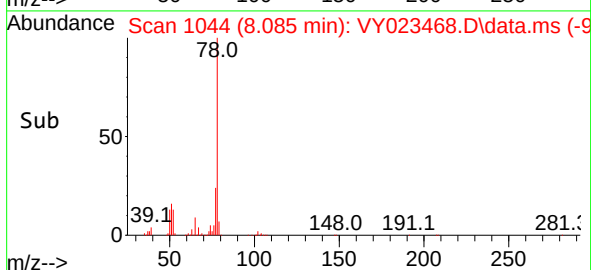
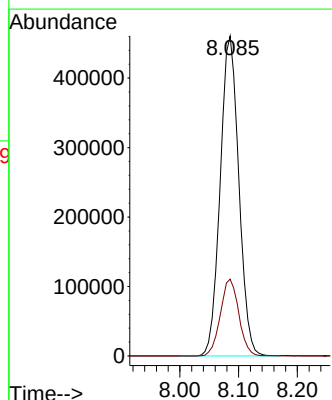
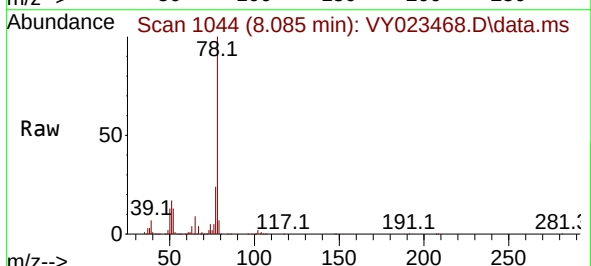
Delta R.T. 0.006 min

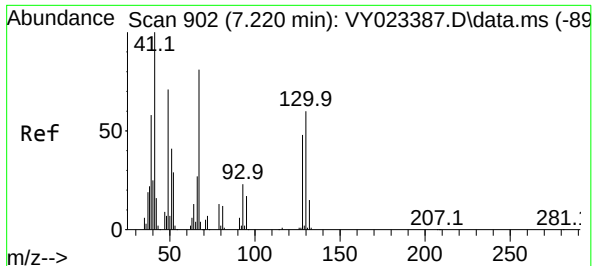
Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion: 78 Resp: 1013207

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.3	27.5





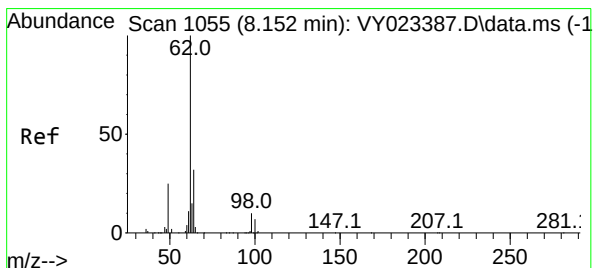
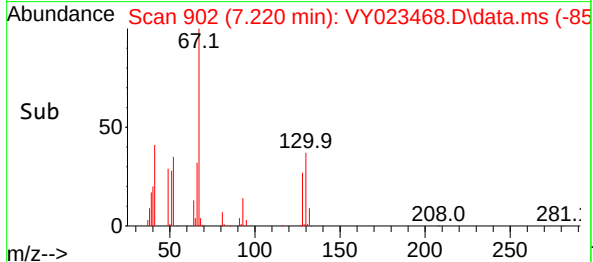
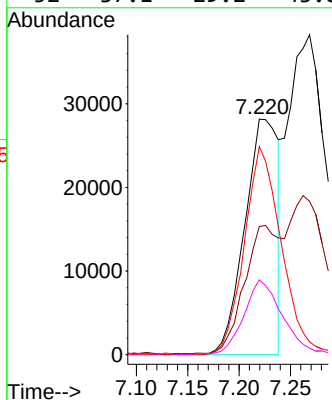
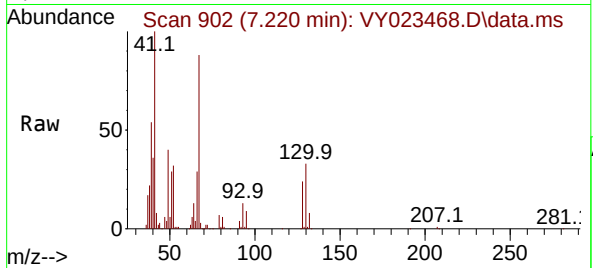
#41
Methacrylonitrile
Concen: 45.510 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 6379
Ion Ratio Lower Upper
41 100
39 62.7 52.2 78.4
67 98.6 74.9 112.3
52 37.1 29.2 43.8

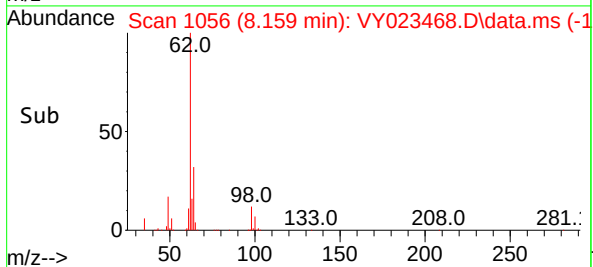
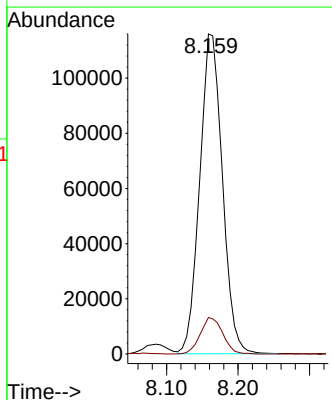
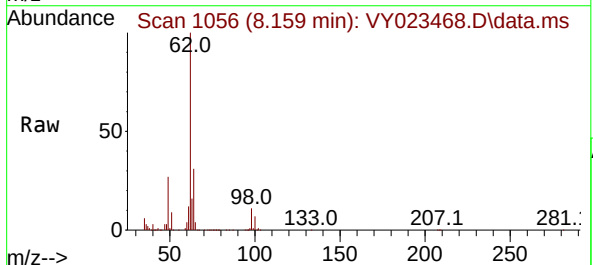
Manual Integrations
APPROVED

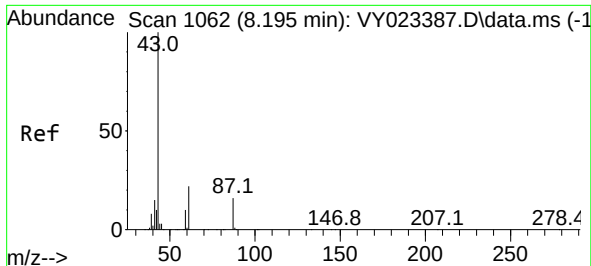
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#42
1,2-Dichloroethane
Concen: 47.790 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

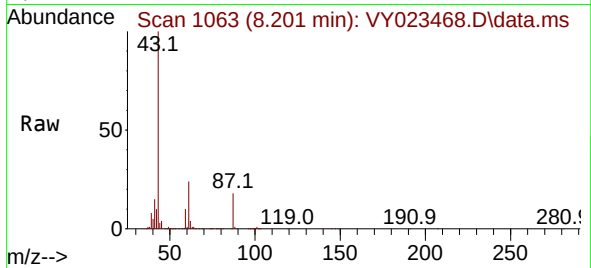
Tgt Ion: 62 Resp: 255368
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.6





#43
Isopropyl Acetate
Concen: 47.088 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

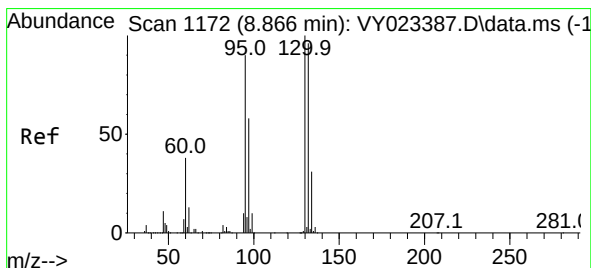
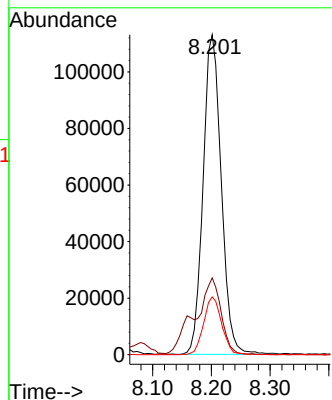
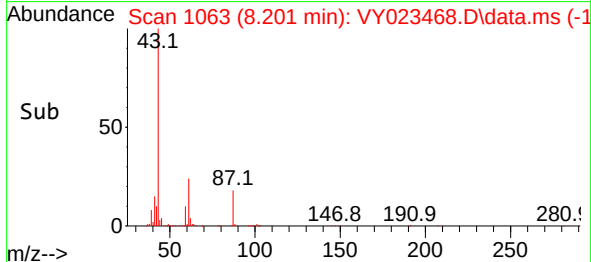
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



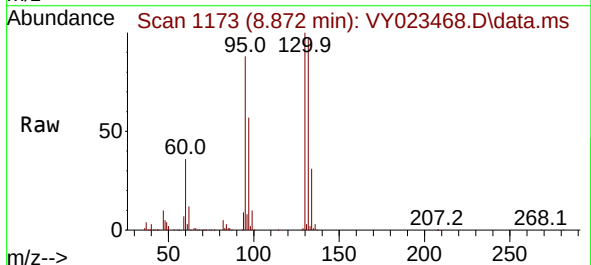
Tgt Ion: 43 Resp: 243368
Ion Ratio Lower Upper
43 100
61 25.1 18.1 27.1
87 17.9 13.5 20.3

Manual Integrations
APPROVED

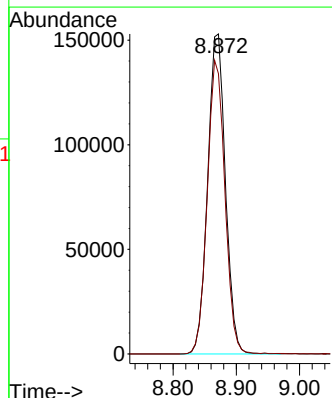
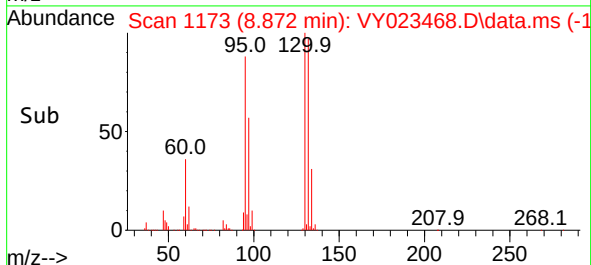
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

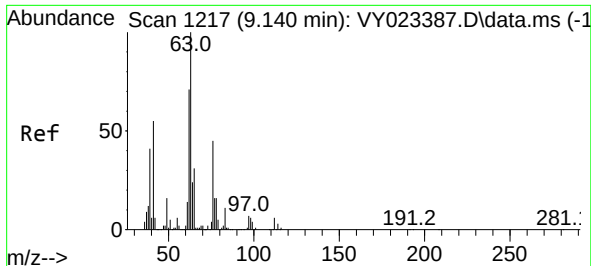


#44
Trichloroethene
Concen: 49.314 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion:130 Resp: 299058
Ion Ratio Lower Upper
130 100
95 87.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.660 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 227260

Ion Ratio Lower Upper

63 100

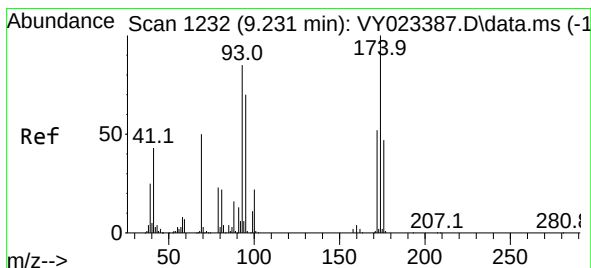
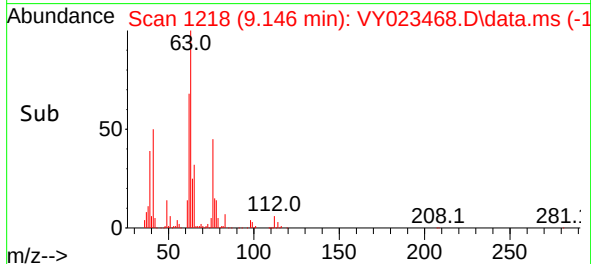
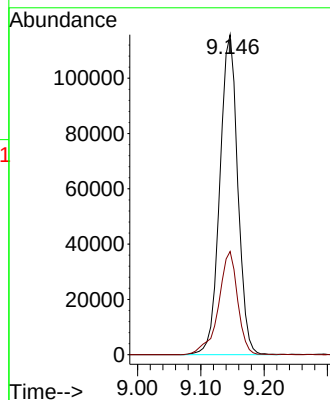
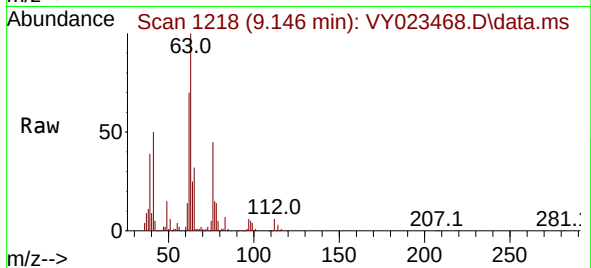
65 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#46

Dibromomethane

Concen: 49.998 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

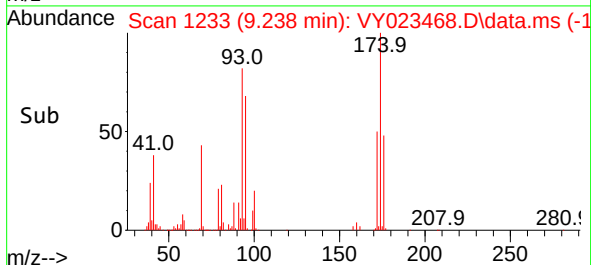
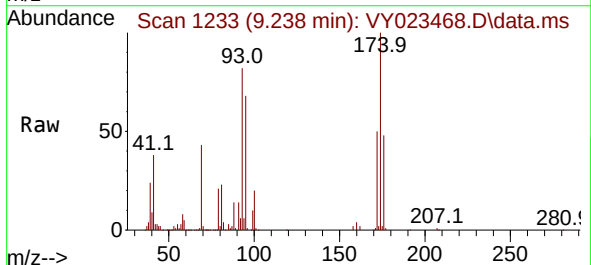
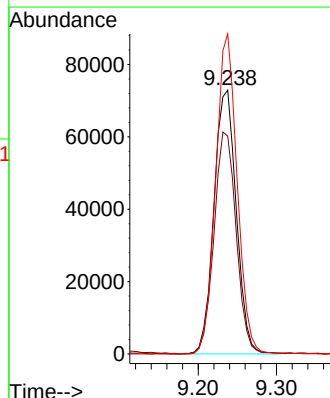
Tgt Ion: 93 Resp: 144685

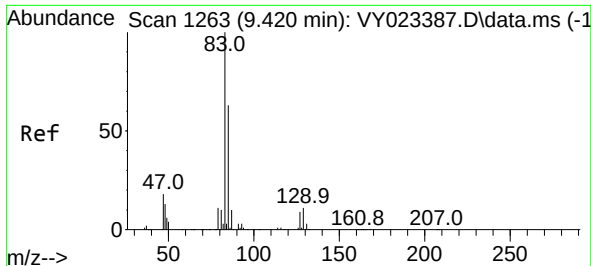
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

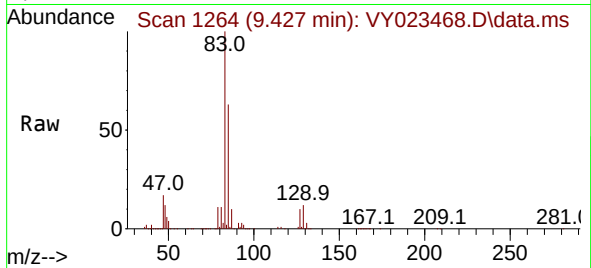
174 116.5 92.9 139.3





#47
Bromodichloromethane
Concen: 49.819 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

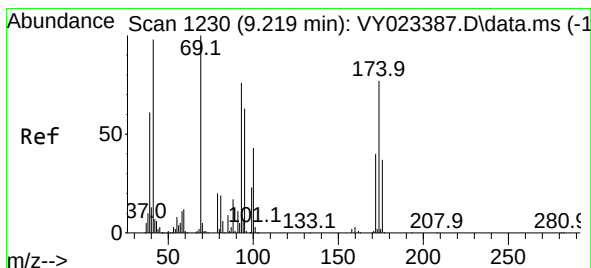
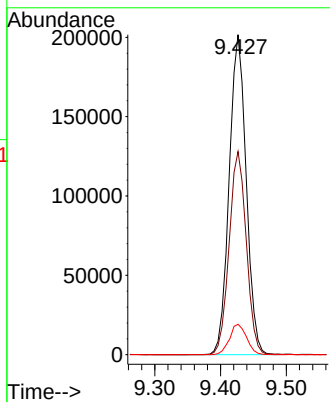
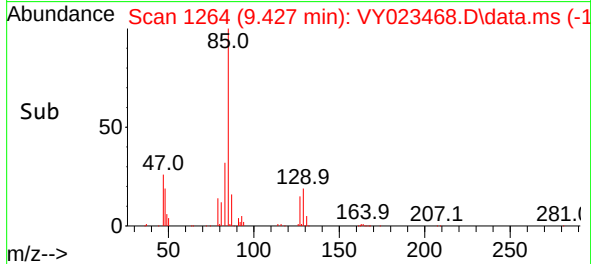
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 363090
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 9.5 7.4 11.2

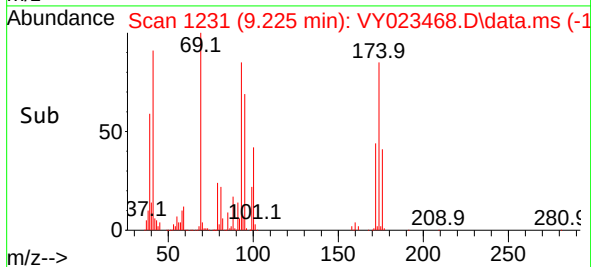
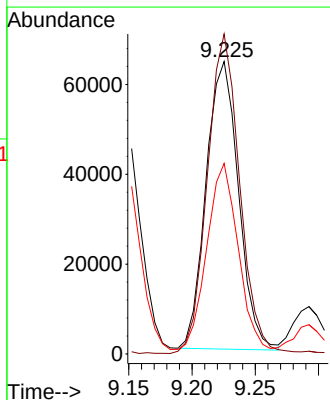
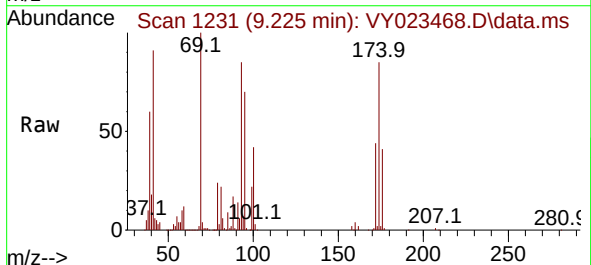
Manual Integrations
APPROVED

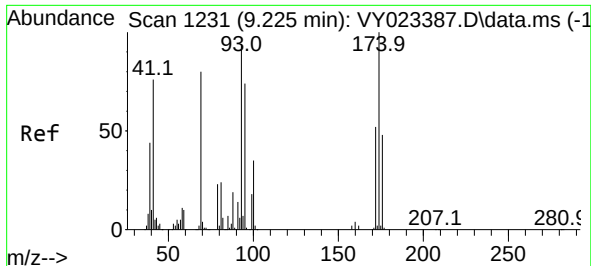
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 47.162 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

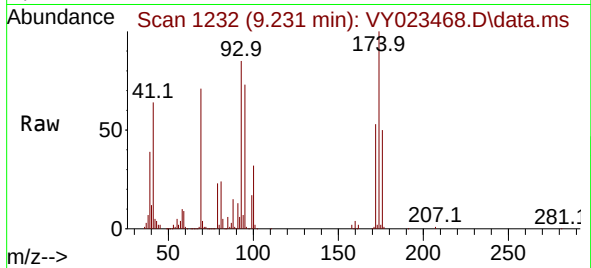
Tgt Ion: 41 Resp: 114511
Ion Ratio Lower Upper
41 100
69 111.0 81.0 121.4
39 62.1 48.2 72.4





#49
1,4-Dioxane
Concen: 927.110 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

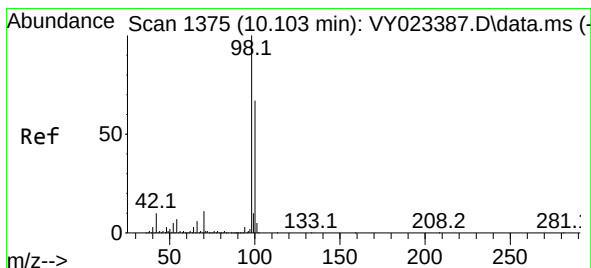
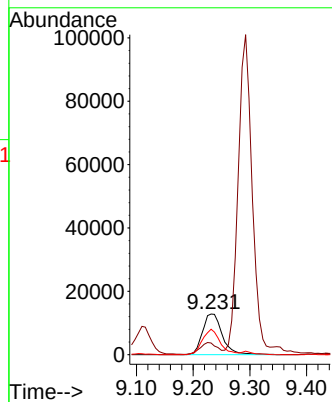
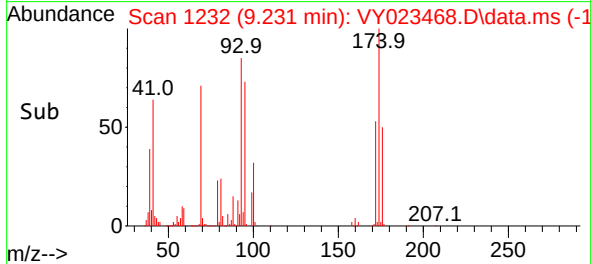
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31100
Ion Ratio Lower Upper
88 100
43 24.6 21.8 32.8
58 56.2 46.8 70.2

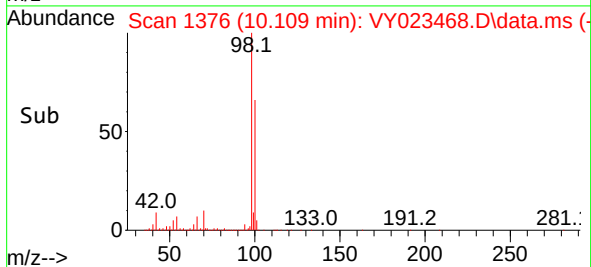
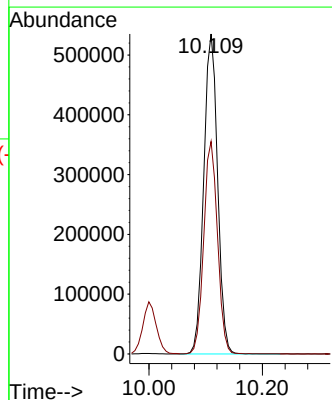
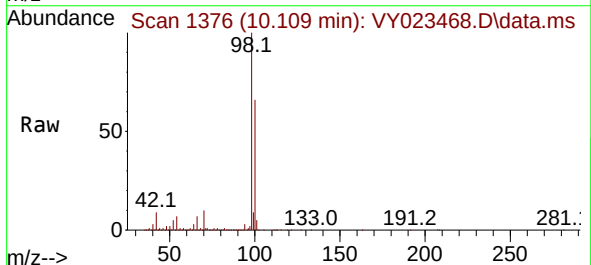
Manual Integrations
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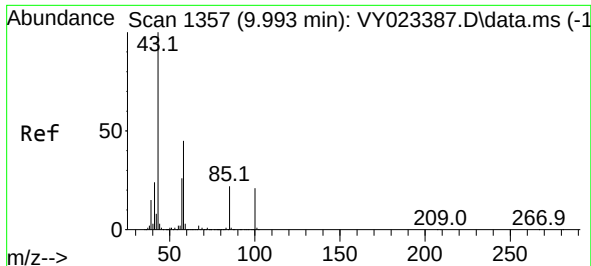
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Tgt Ion: 98 Resp: 907867
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4





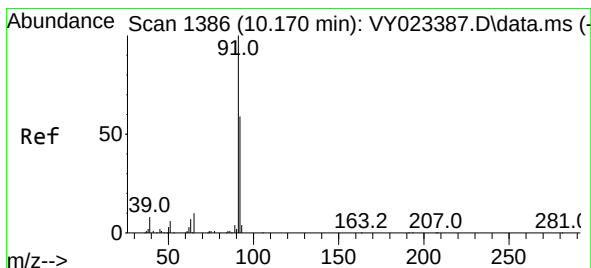
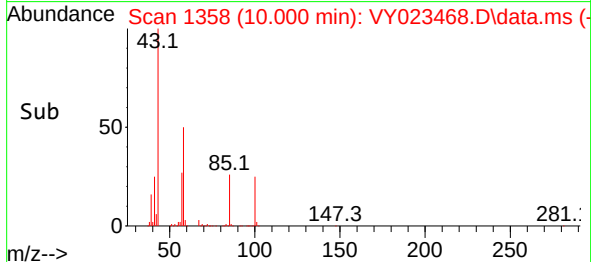
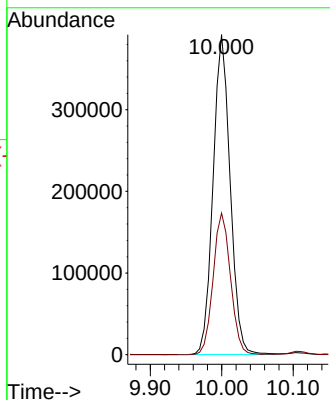
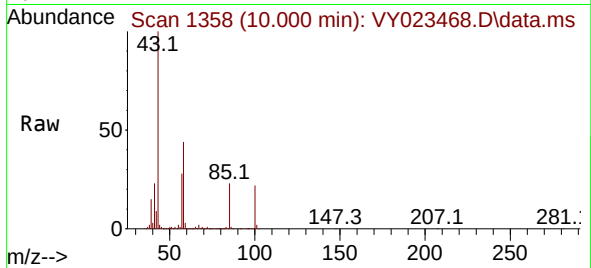
#51
4-Methyl-2-Pentanone
Concen: 243.557 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 65037
Ion Ratio Lower Upper
43 100
58 45.1 35.3 52.9

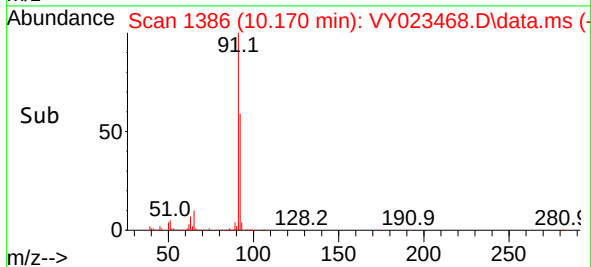
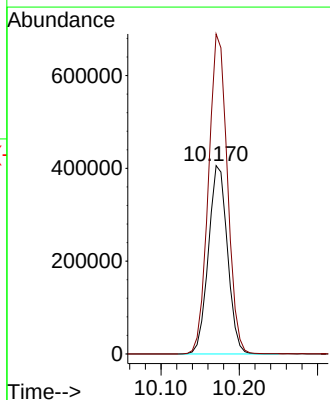
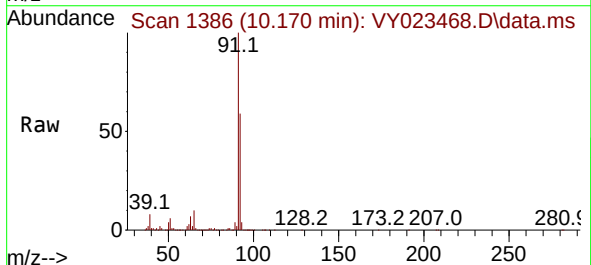
Manual Integrations
APPROVED

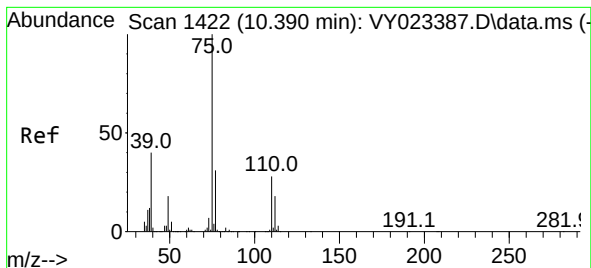
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 50.899 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Tgt Ion: 92 Resp: 684737
Ion Ratio Lower Upper
92 100
91 169.0 136.4 204.6





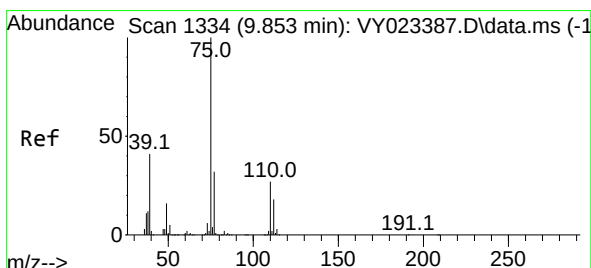
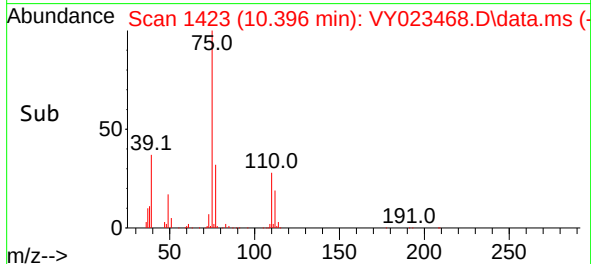
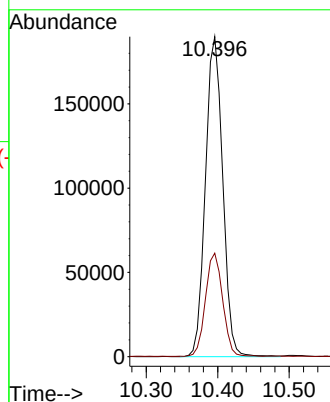
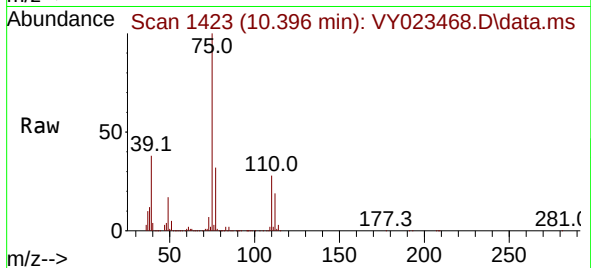
#53
t-1,3-Dichloropropene
Concen: 50.318 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 31887
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7

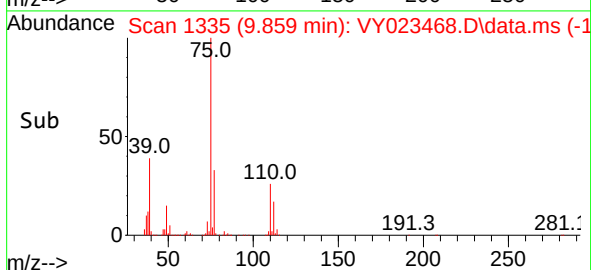
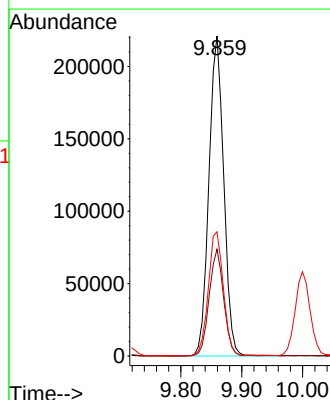
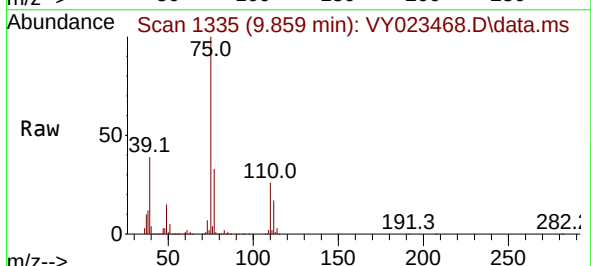
Manual Integrations
APPROVED

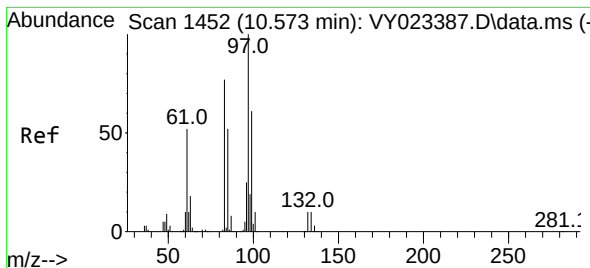
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#54
cis-1,3-Dichloropropene
Concen: 49.906 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

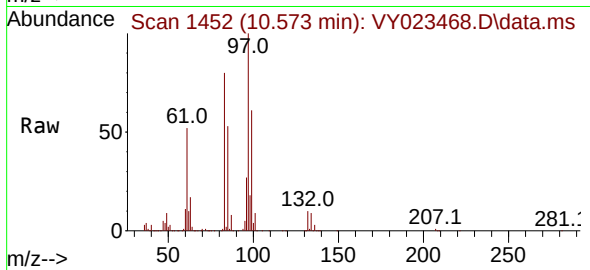
Tgt Ion: 75 Resp: 373267
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0
39 38.7 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 51.045 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

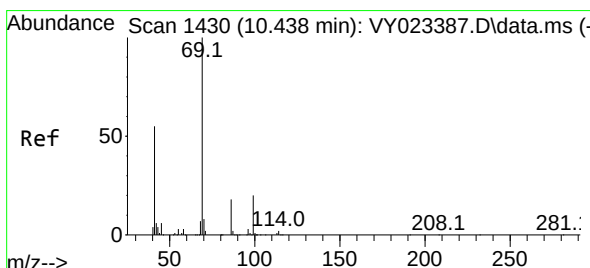
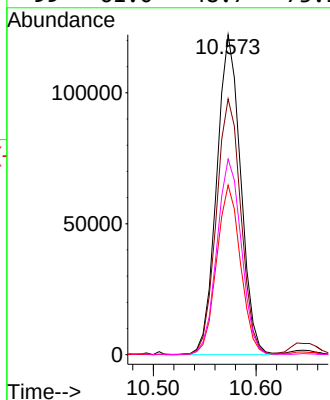
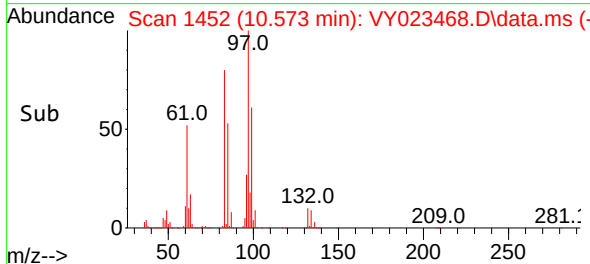
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



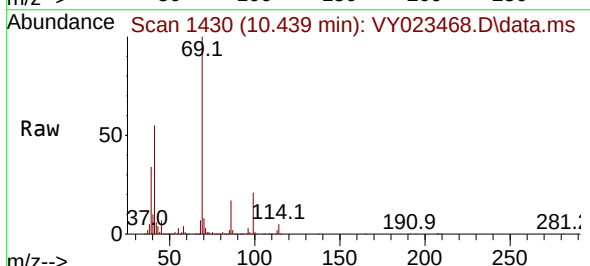
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.8	61.8	92.6
85	52.9	41.3	61.9
99	61.0	48.7	73.1

Manual Integrations
APPROVED

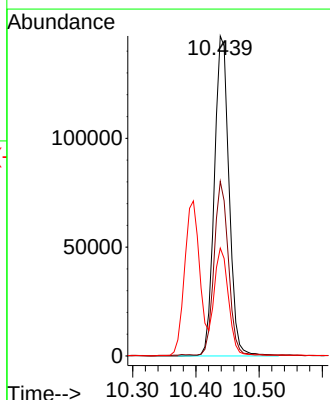
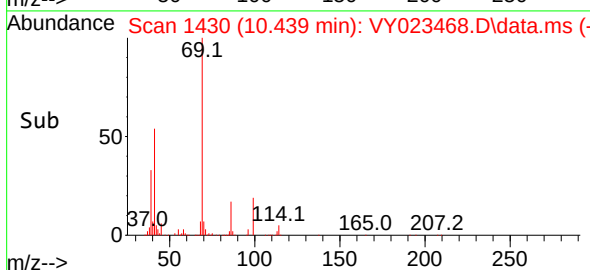
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

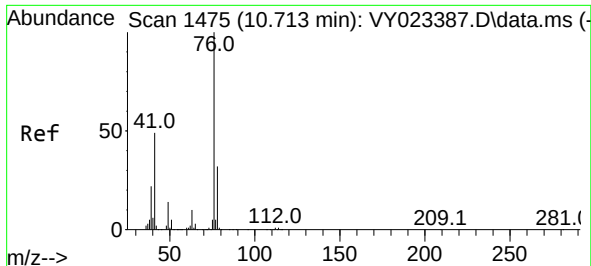


#56
Ethyl methacrylate
Concen: 52.647 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.7	44.6	67.0
39	31.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 50.233 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 309750

Ion Ratio Lower Upper

76 100

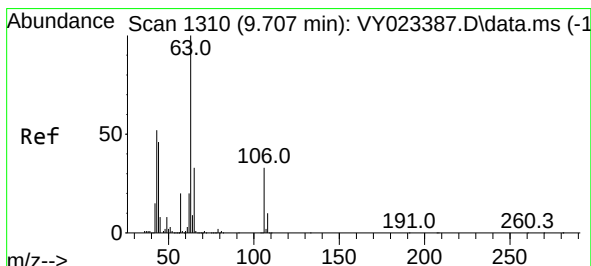
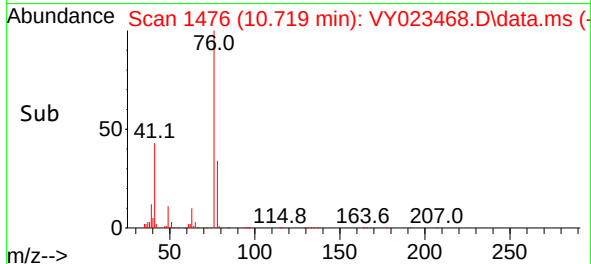
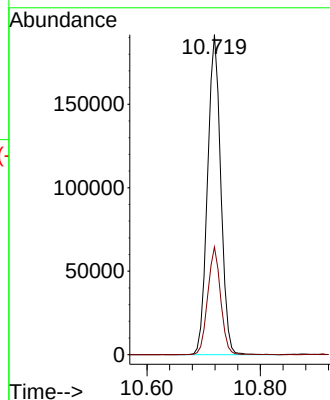
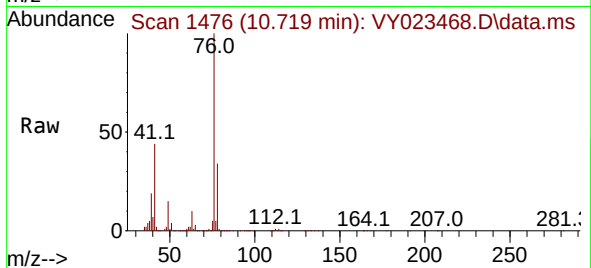
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 292.462 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023468.D

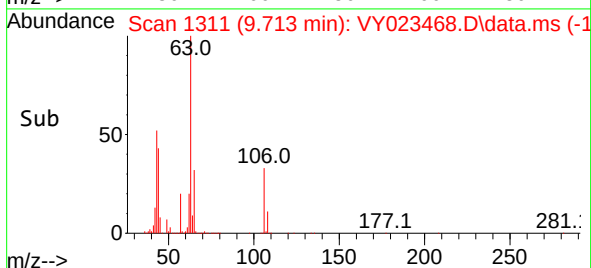
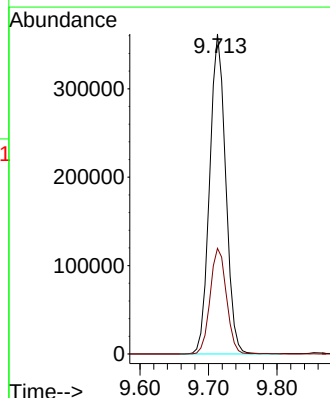
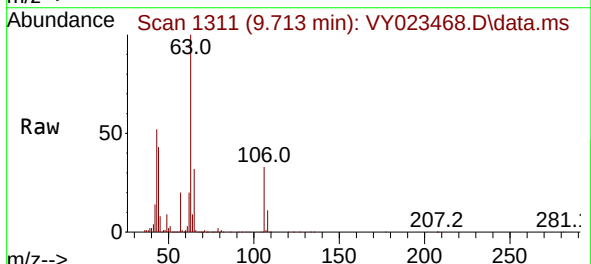
Acq: 14 Oct 2025 17:36

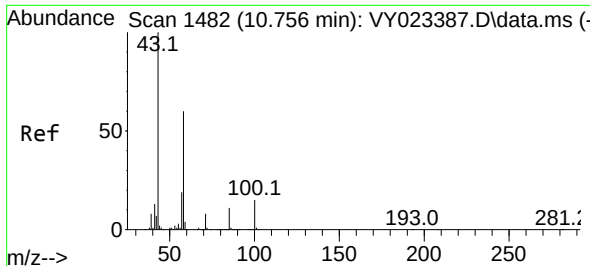
Tgt Ion: 63 Resp: 588106

Ion Ratio Lower Upper

63 100

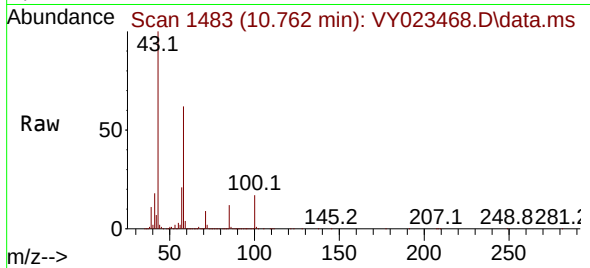
106 33.6 26.6 39.8





#59
2-Hexanone
Concen: 233.330 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

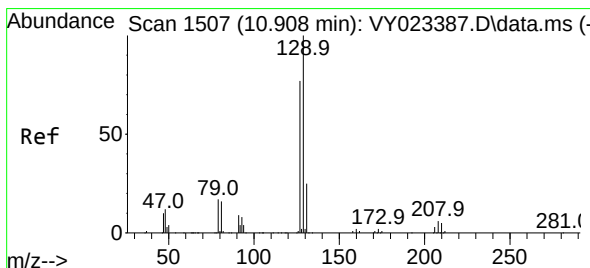
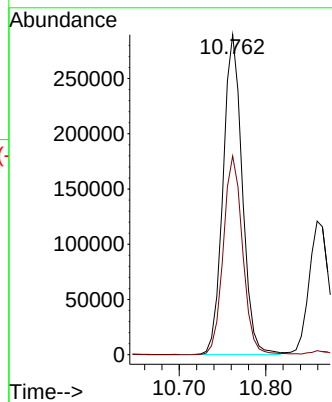
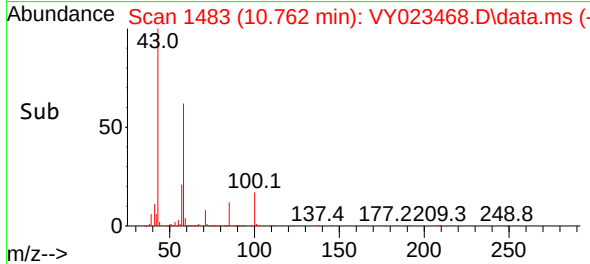
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 445272
Ion Ratio Lower Upper
43 100
58 62.5 30.5 91.5

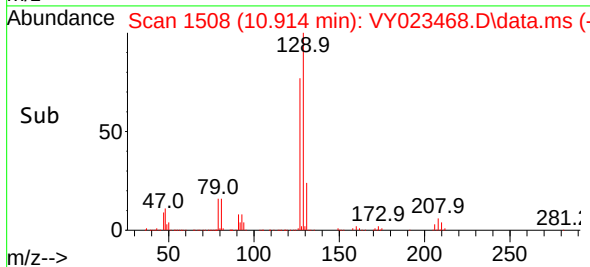
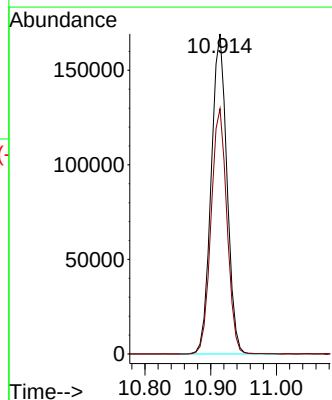
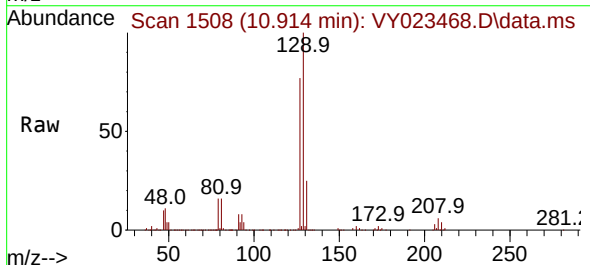
Manual Integrations
APPROVED

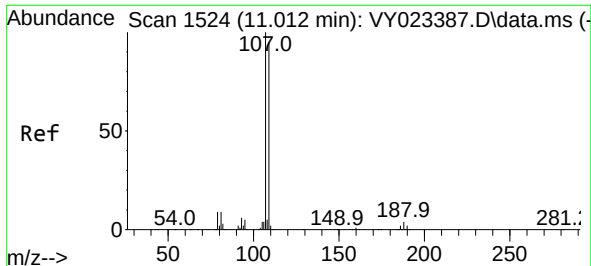
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#60
Dibromochloromethane
Concen: 51.779 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

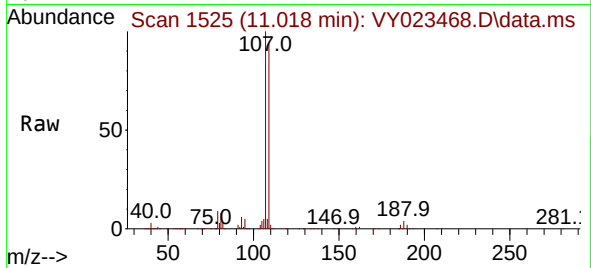
Tgt Ion:129 Resp: 282498
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 51.037 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

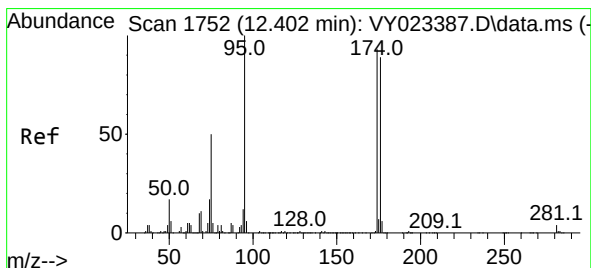
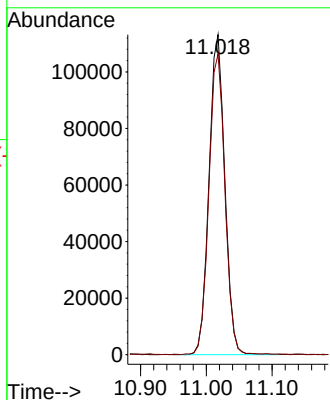
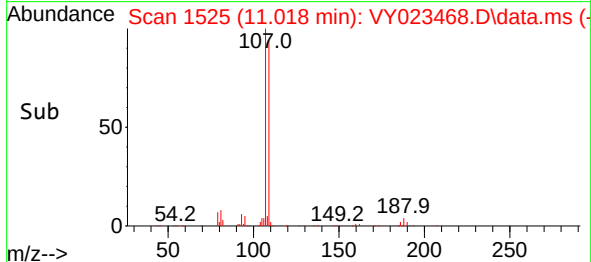
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 189410
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1

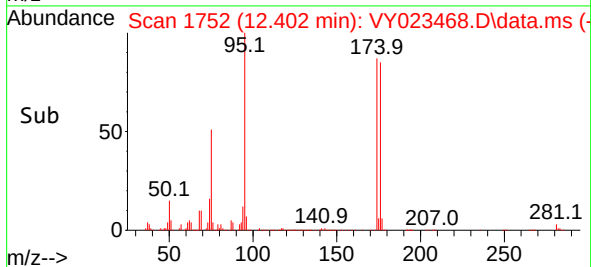
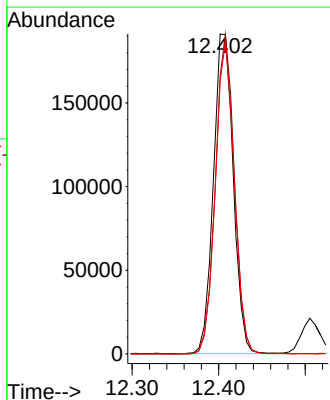
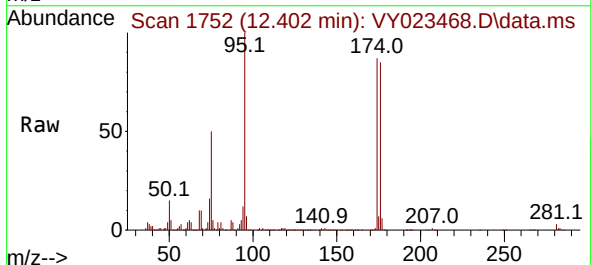
Manual Integrations
APPROVED

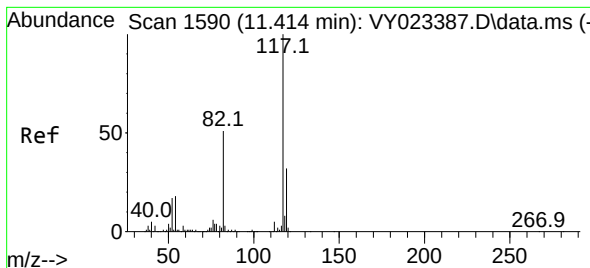
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#62
4-Bromofluorobenzene
Concen: 50.075 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

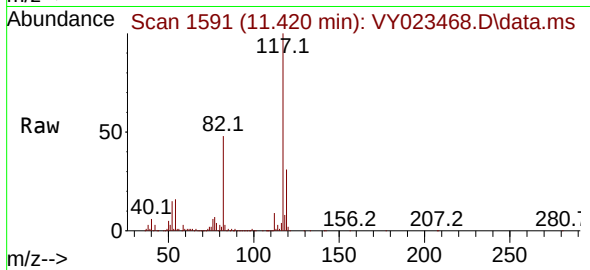
Tgt Ion: 95 Resp: 304256
Ion Ratio Lower Upper
95 100
174 95.7 0.0 192.8
176 93.3 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

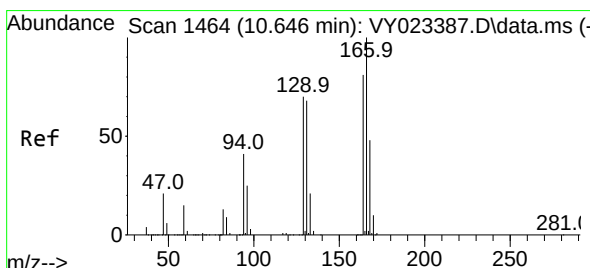
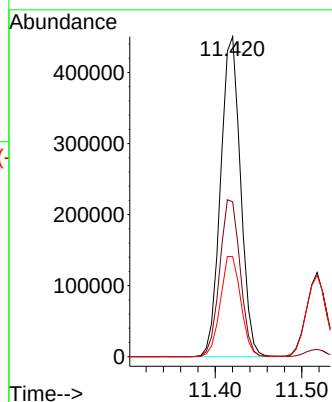
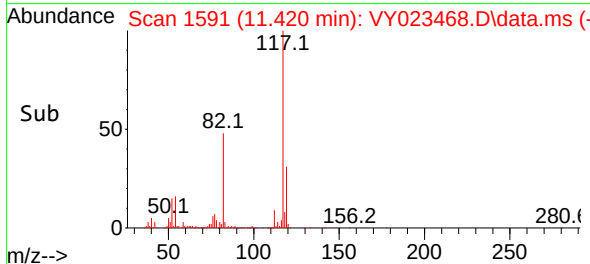
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 721444
Ion Ratio Lower Upper
117 100
82 48.4 41.0 61.4
119 31.3 25.6 38.4

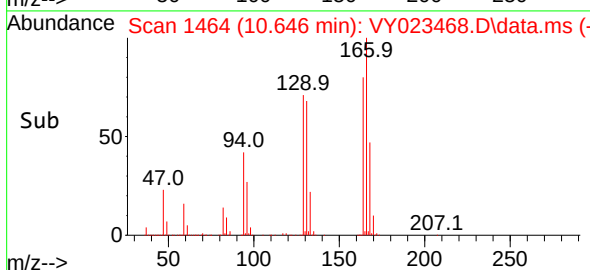
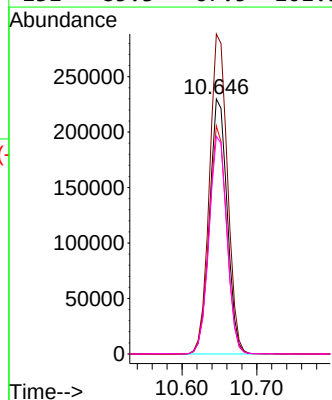
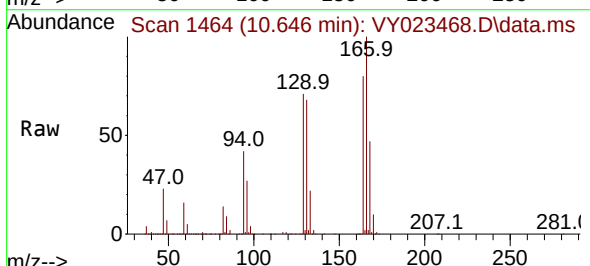
Manual Integrations
APPROVED

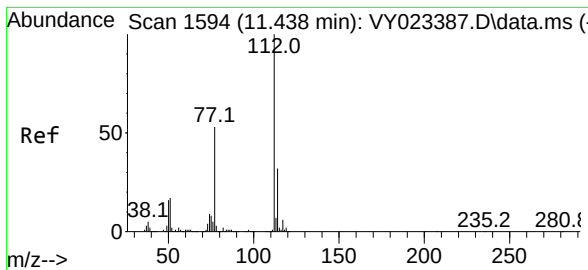
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#64
Tetrachloroethene
Concen: 50.979 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

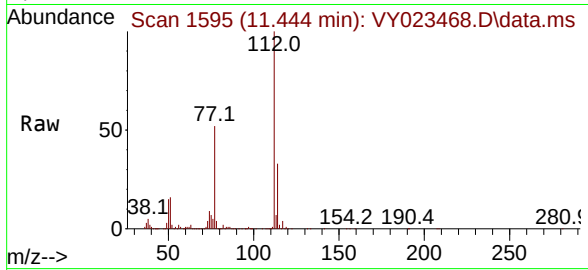
Tgt Ion:164 Resp: 379756
Ion Ratio Lower Upper
164 100
166 125.4 99.4 149.0
129 89.5 69.4 104.2
131 85.3 67.5 101.3





#65
Chlorobenzene
Concen: 49.158 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

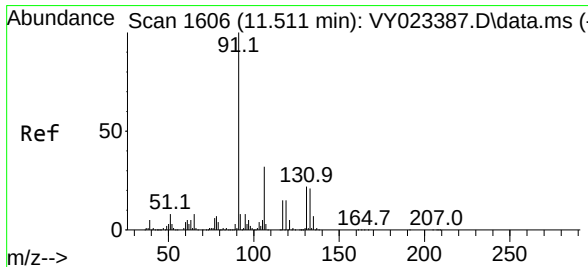
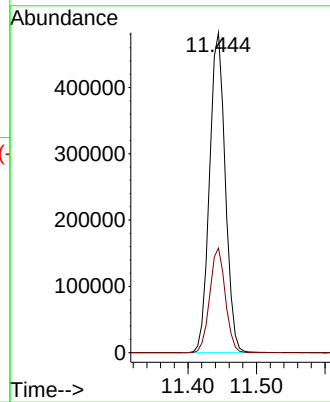
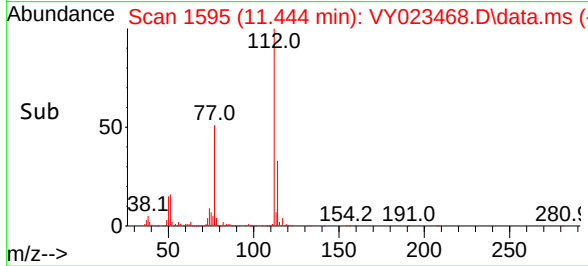
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 77133
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4

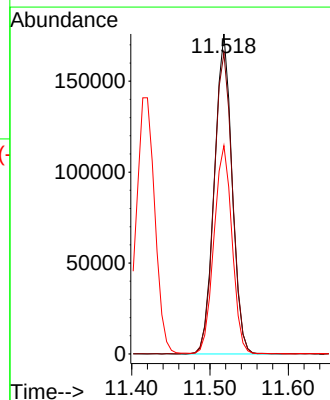
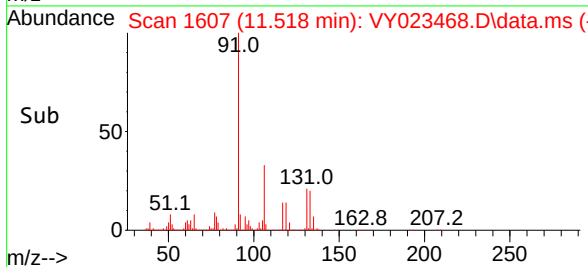
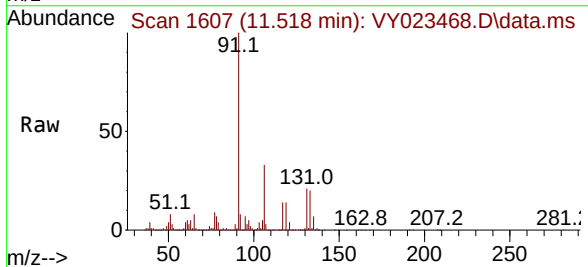
Manual Integrations
APPROVED

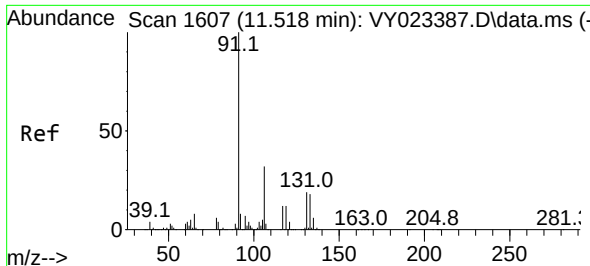
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.337 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

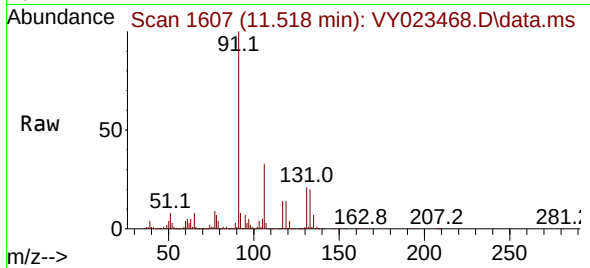
Tgt Ion:131 Resp: 275870
Ion Ratio Lower Upper
131 100
133 97.5 48.4 145.2
119 66.3 32.4 97.2





#67
Ethyl Benzene
Concen: 50.307 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

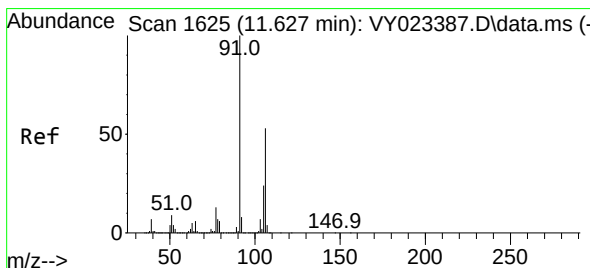
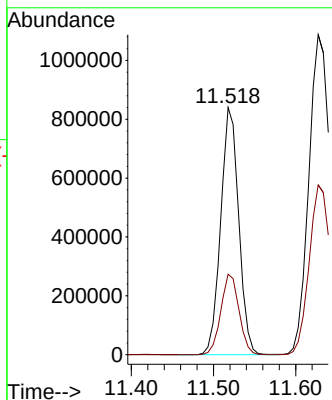
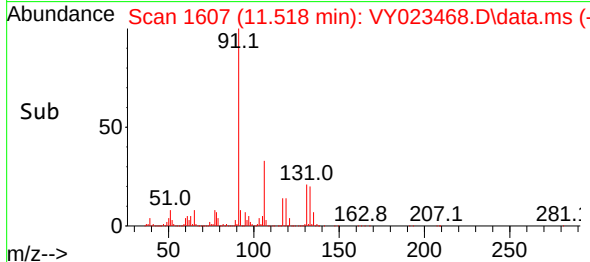
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1277749
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8

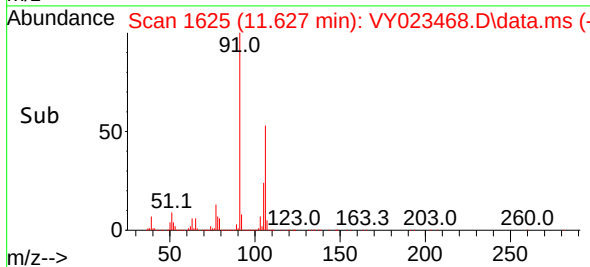
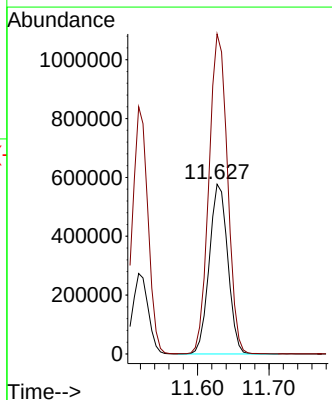
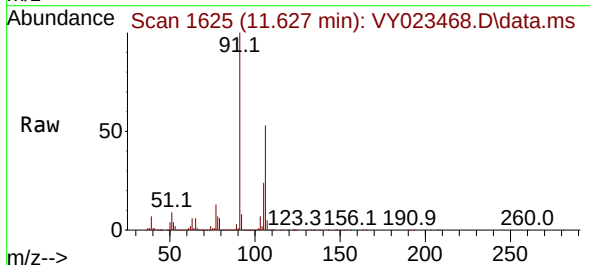
Manual Integrations
APPROVED

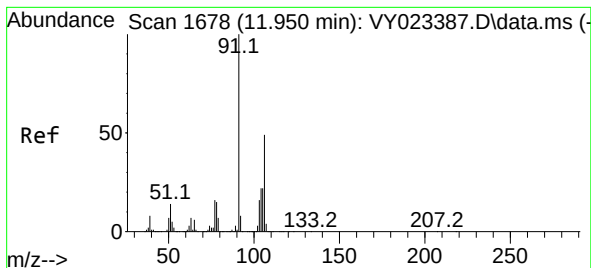
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#68
m/p-Xylenes
Concen: 101.566 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

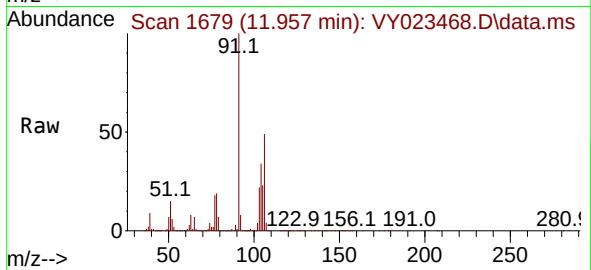
Tgt Ion:106 Resp: 1034698
Ion Ratio Lower Upper
106 100
91 189.6 152.6 229.0





#69
o-Xylene
Concen: 50.901 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

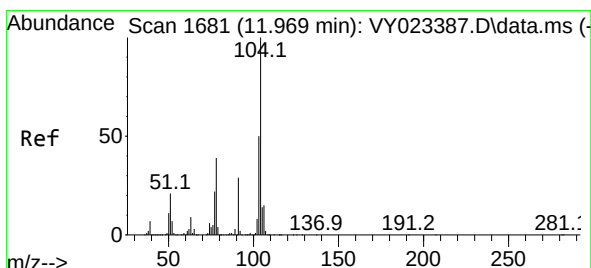
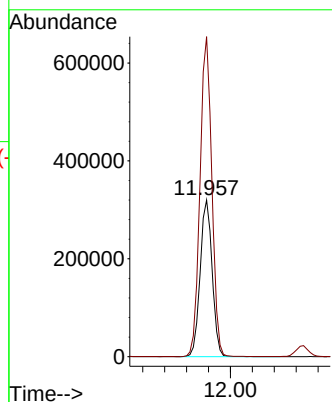
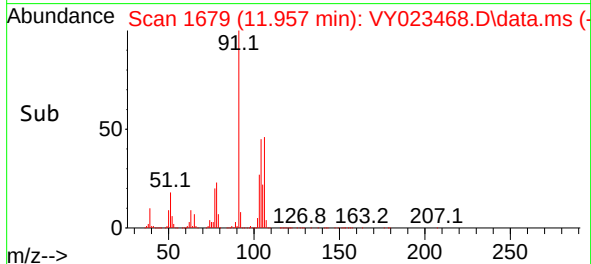
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



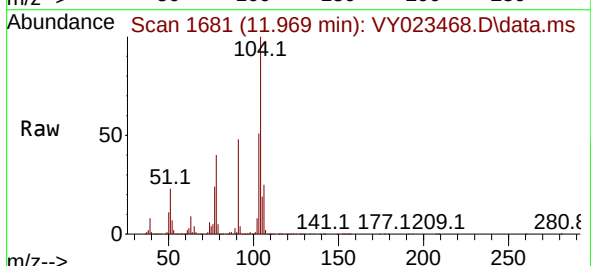
Tgt Ion:106 Resp: 486384
Ion Ratio Lower Upper
106 100
91 201.7 101.4 304.1

Manual Integrations
APPROVED

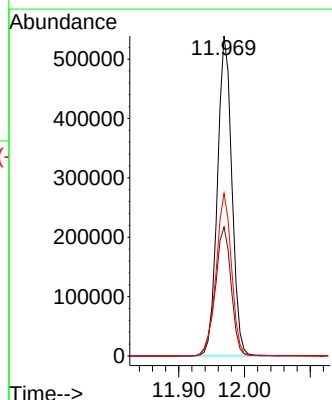
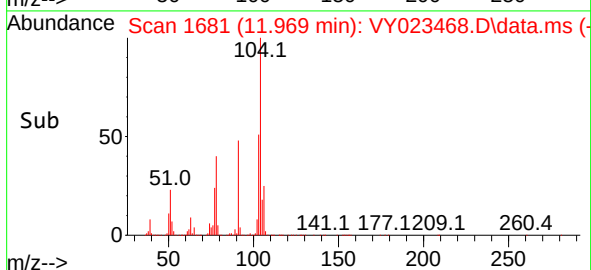
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

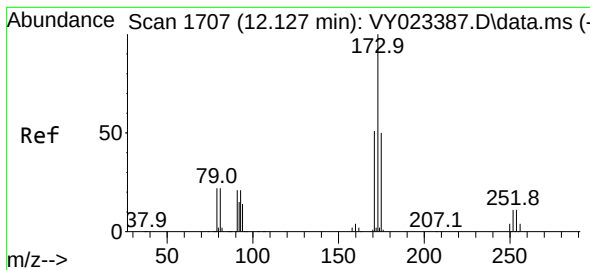


#70
Styrene
Concen: 52.386 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion:104 Resp: 823179
Ion Ratio Lower Upper
104 100
78 44.4 36.1 54.1
103 54.2 43.2 64.8





#71

Bromoform

Concen: 50.604 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

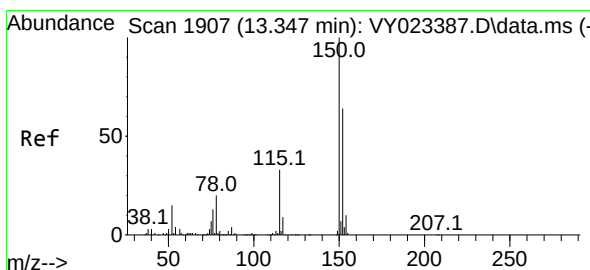
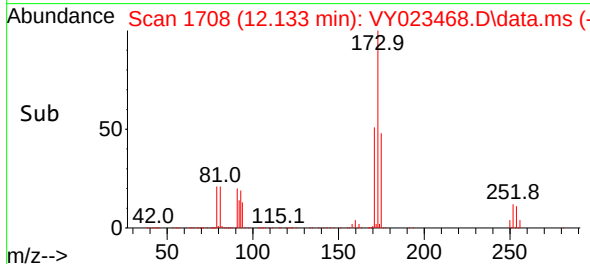
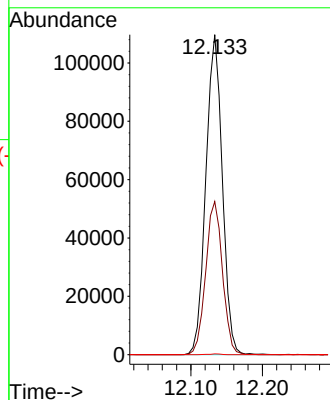
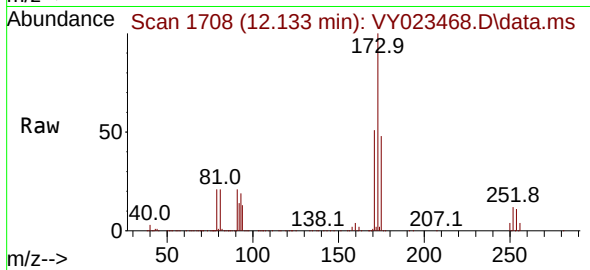
VSTDCCC050EC

Tgt Ion:173 Resp: 175510
 Ion Ratio Lower Upper
 173 100
 175 48.8 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

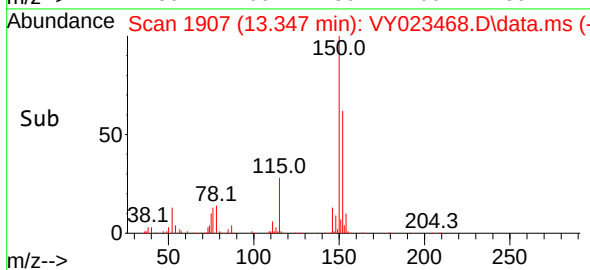
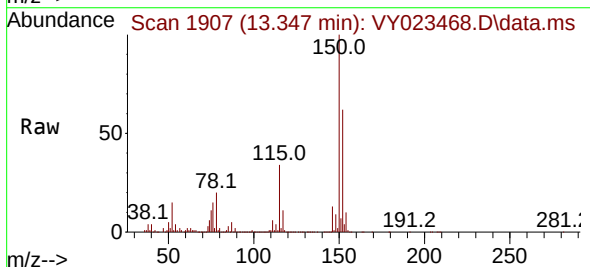
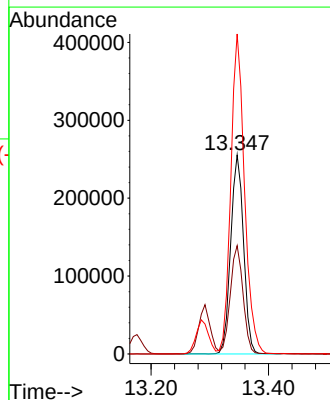
RT: 13.347 min Scan# 1907

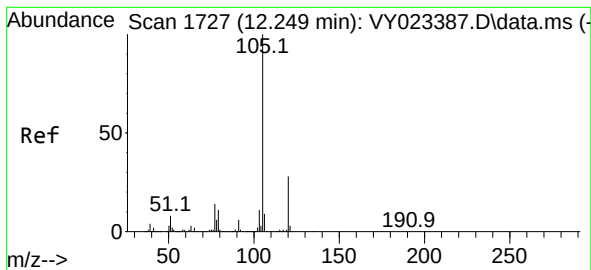
Delta R.T. 0.000 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion:152 Resp: 388934
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.1 81.2
 150 171.9 0.0 347.4





#73

Isopropylbenzene

Concen: 48.998 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 125588

Ion Ratio Lower Upper

105 100

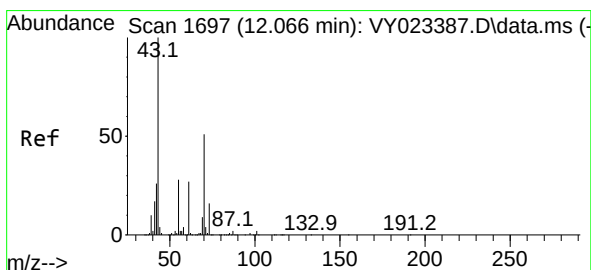
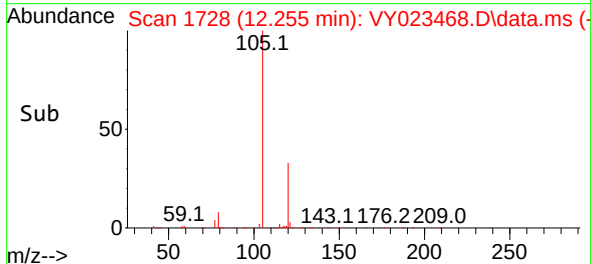
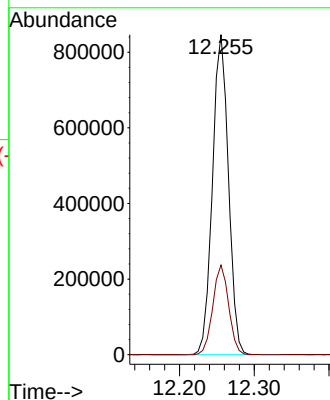
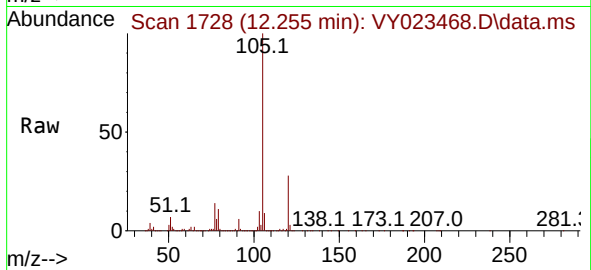
120 27.8 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025

Supervised By :Mahesh Dadoda 10/16/2025



#74

N-ethyl acetate

Concen: 45.399 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion: 43 Resp: 209006

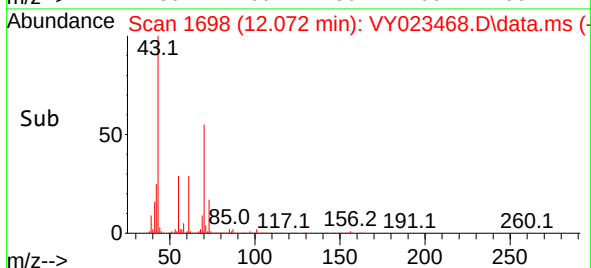
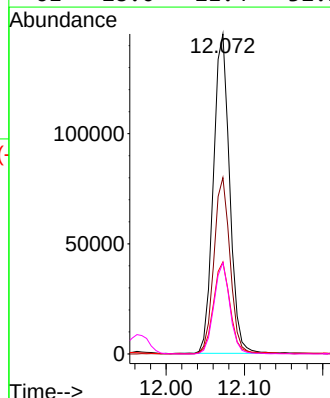
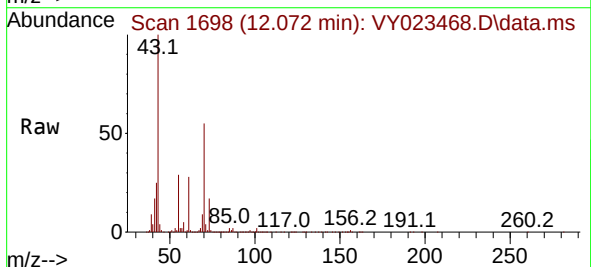
Ion Ratio Lower Upper

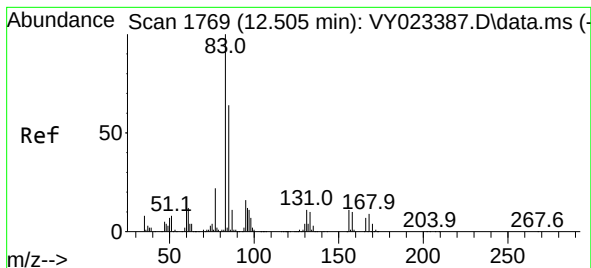
43 100

70 55.3 41.1 61.7

55 29.2 23.0 34.6

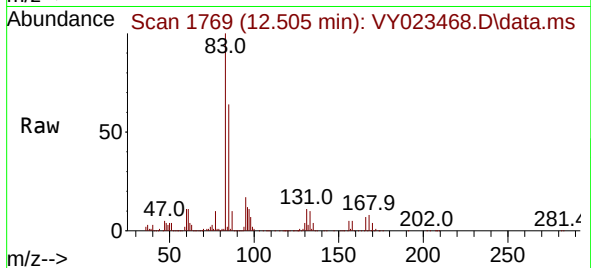
61 28.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.488 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

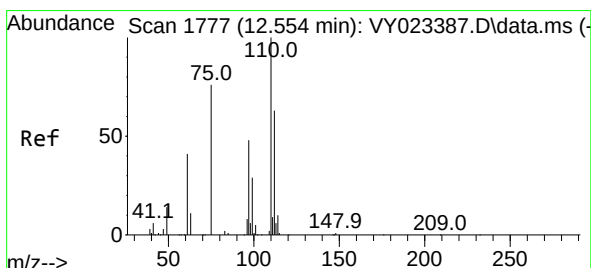
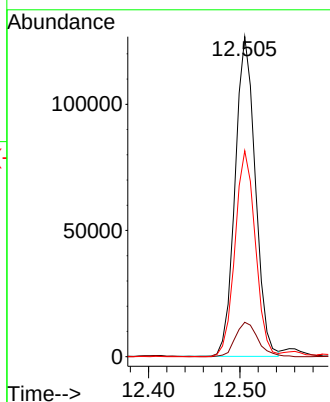
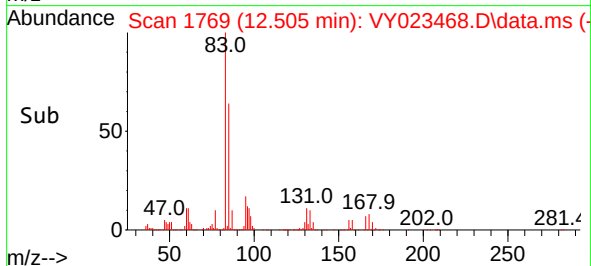
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 19488
Ion Ratio Lower Upper
83 100
131 12.0 5.9 17.6
85 64.7 31.8 95.3

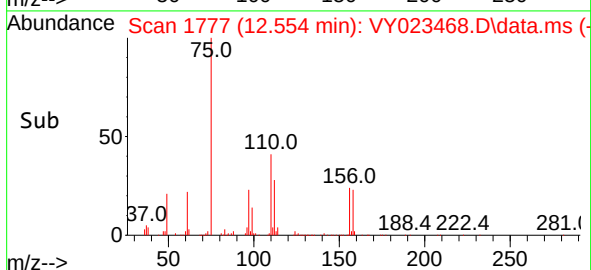
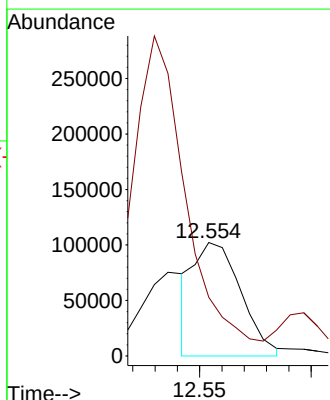
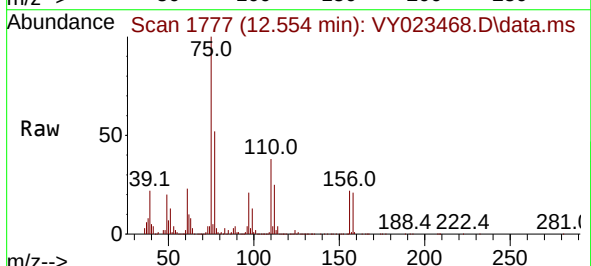
Manual Integrations
APPROVED

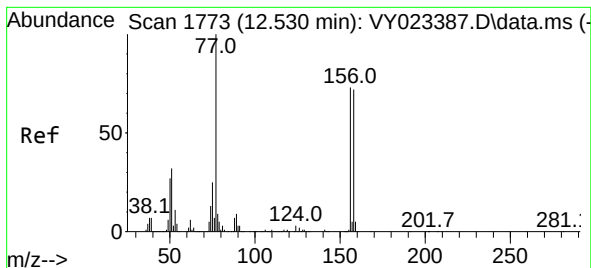
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#76
1,2,3-Trichloropropane
Concen: 43.980 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Tgt Ion: 75 Resp: 150915
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.399 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

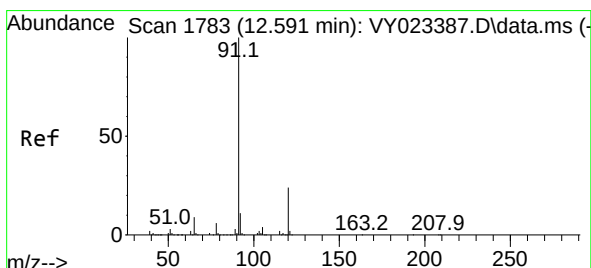
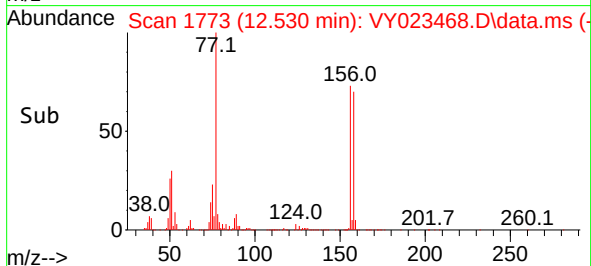
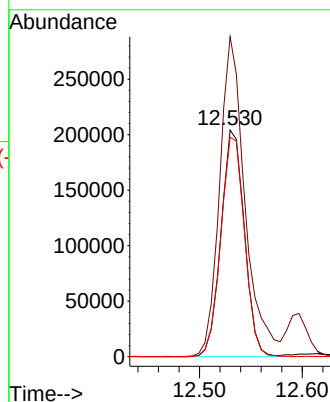
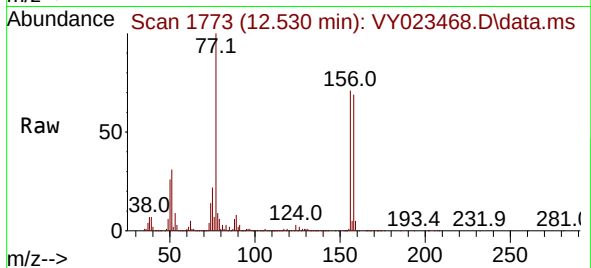
VSTDCCC050EC

Tgt Ion:	156	Resp:	322980
Ion Ratio	Lower	Upper	
156	100		
77	152.7	76.8	230.5
158	97.9	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: 48.899 ug/l

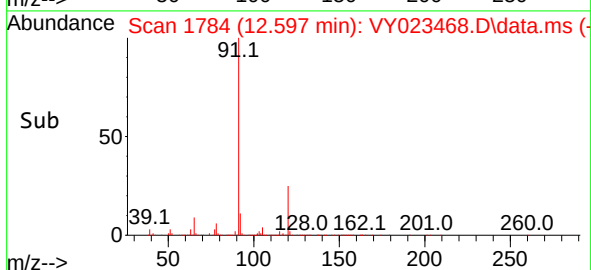
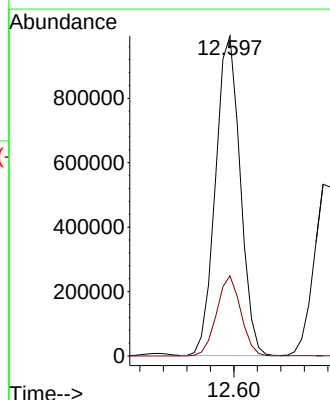
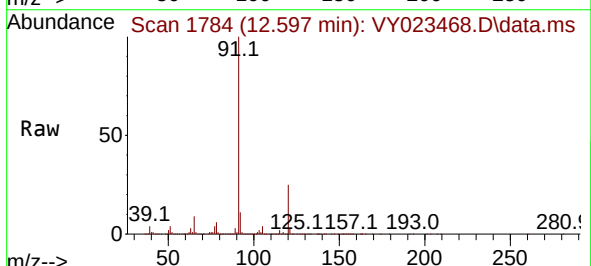
RT: 12.597 min Scan# 1784

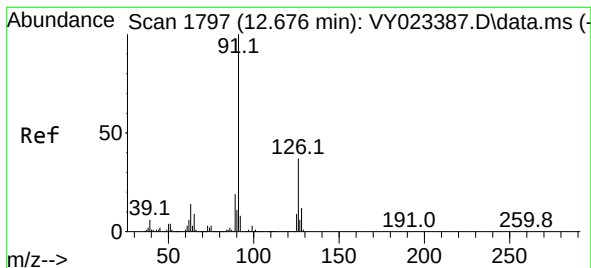
Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion:	91	Resp:	1450372
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8





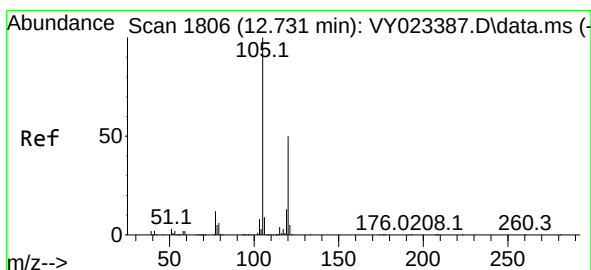
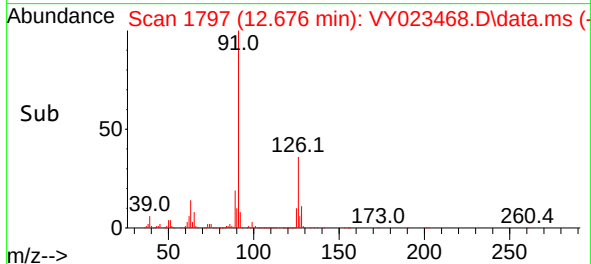
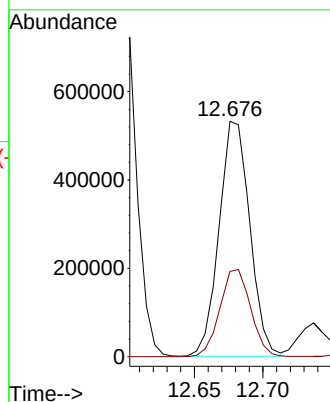
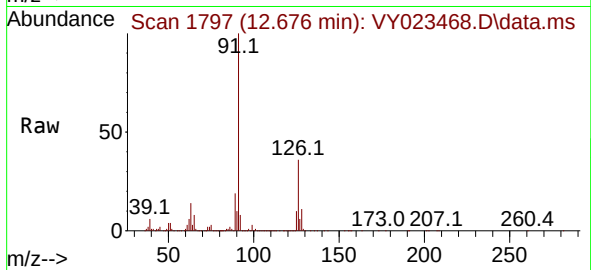
#79
2-Chlorotoluene
Concen: 47.786 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 83000
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5

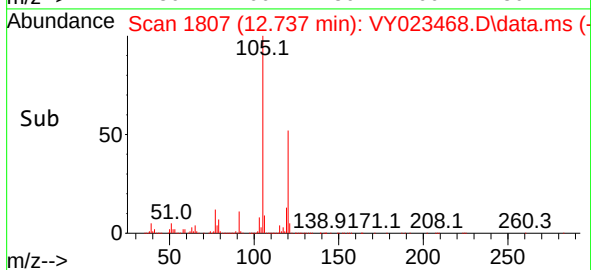
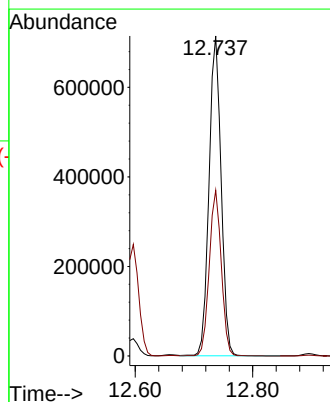
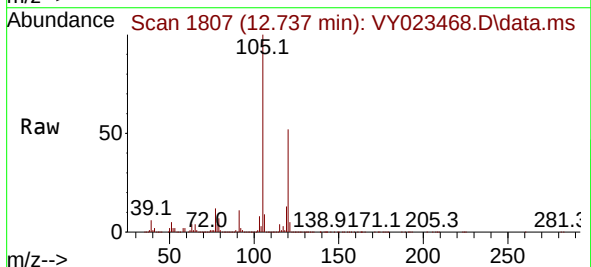
Manual Integrations
APPROVED

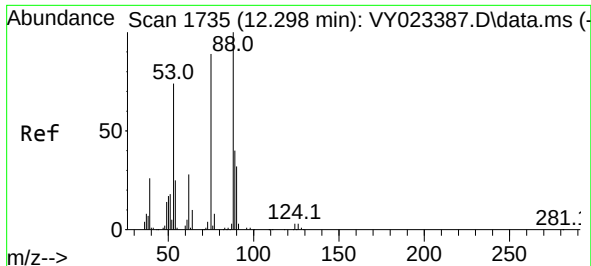
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.327 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

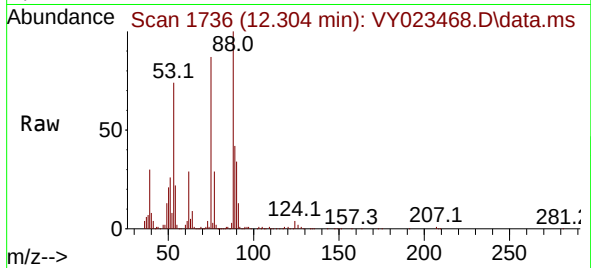
Tgt Ion:105 Resp: 1021663
Ion Ratio Lower Upper
105 100
120 51.6 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.471 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

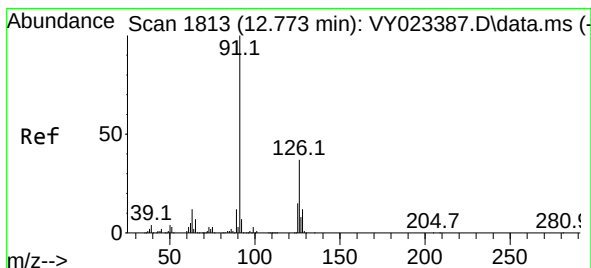
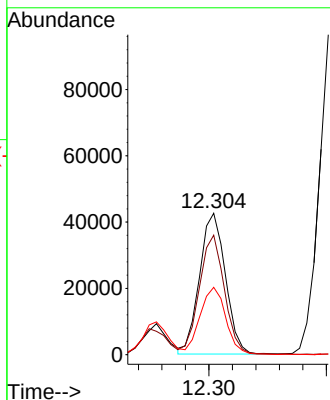
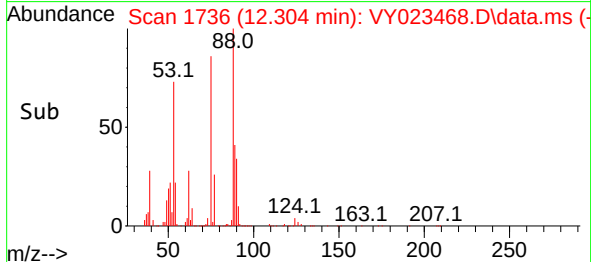
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 65028
Ion Ratio Lower Upper
75 100
53 82.8 68.6 102.8
89 47.1 39.0 58.4

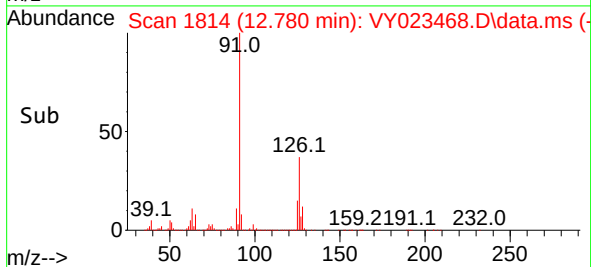
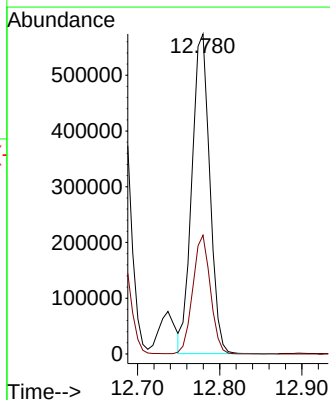
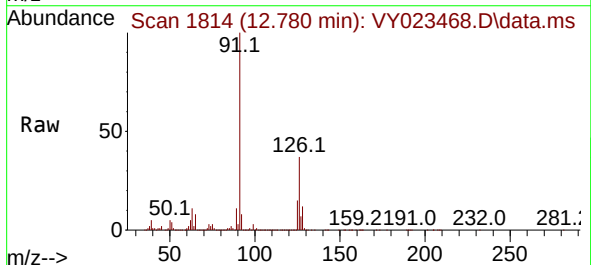
Manual Integrations
APPROVED

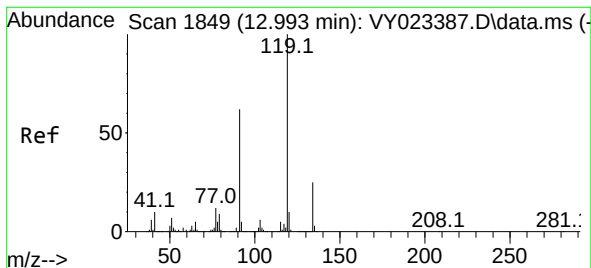
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#82
4-Chlorotoluene
Concen: 48.370 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

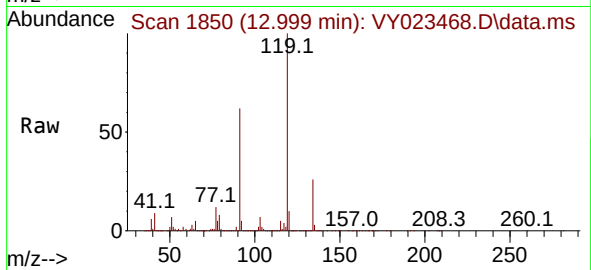
Tgt Ion: 91 Resp: 865243
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4





#83
tert-Butylbenzene
Concen: 48.967 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

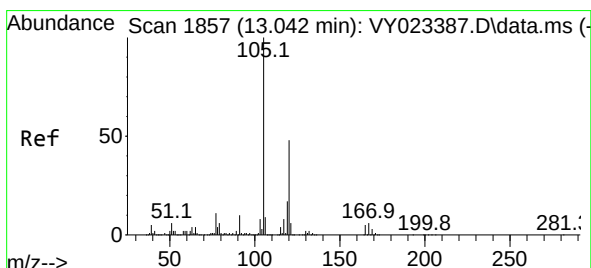
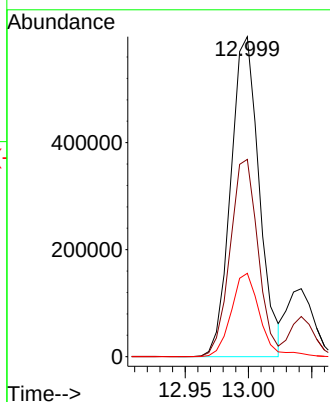
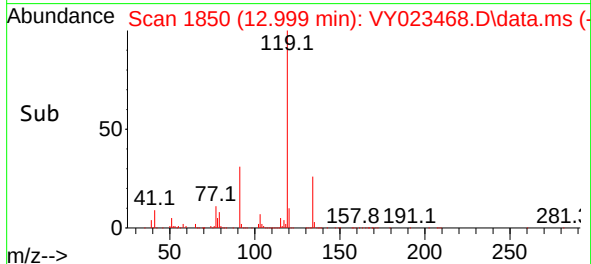
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



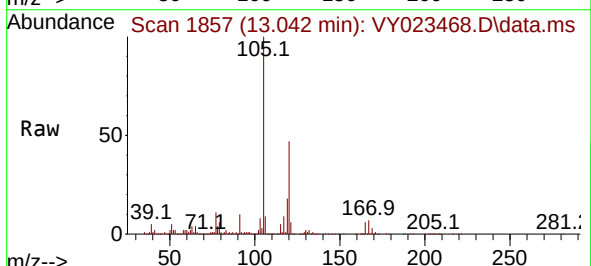
Tgt Ion:119 Resp: 93642
Ion Ratio Lower Upper
119 100
91 60.4 29.9 89.8
134 26.4 12.9 38.7

Manual Integrations
APPROVED

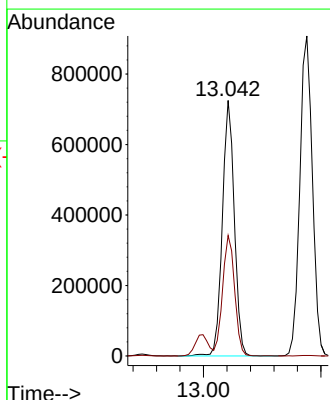
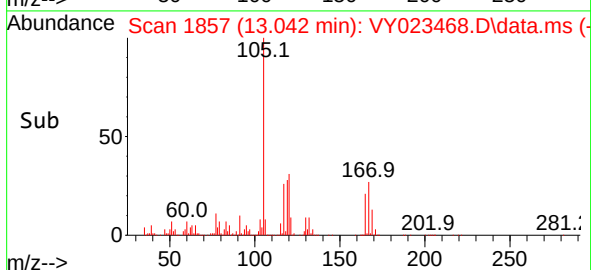
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

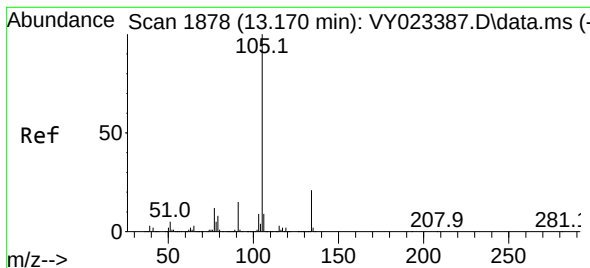


#84
1,2,4-Trimethylbenzene
Concen: 49.502 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



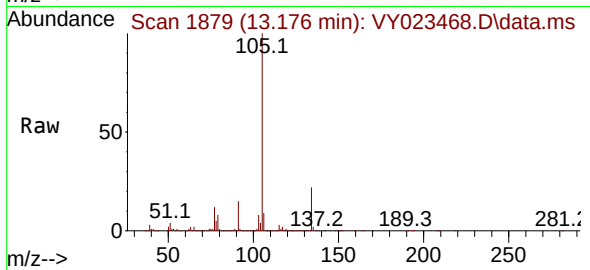
Tgt Ion:105 Resp: 1023227
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 48.943 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023468.D
 Acq: 14 Oct 2025 17:36

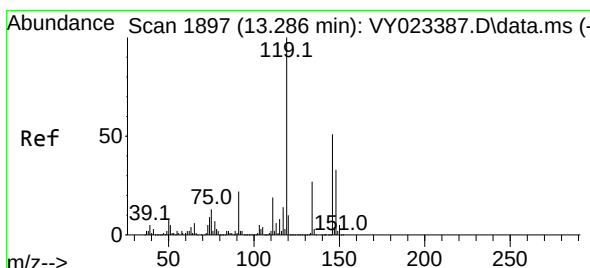
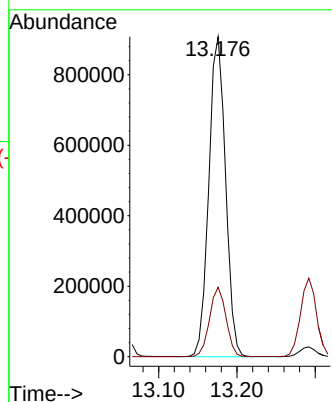
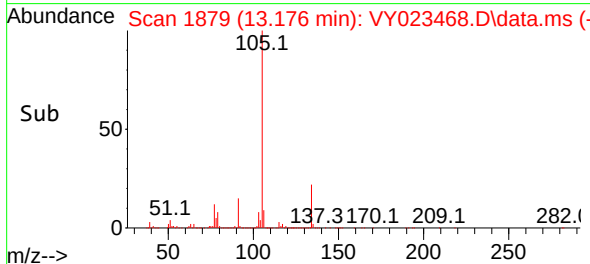
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1342629
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1

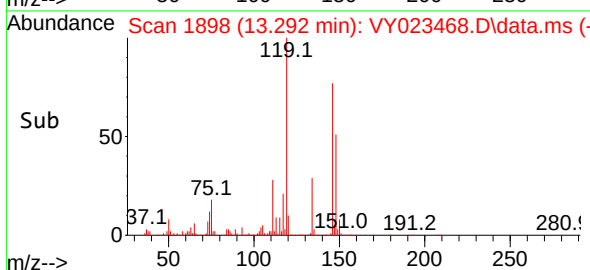
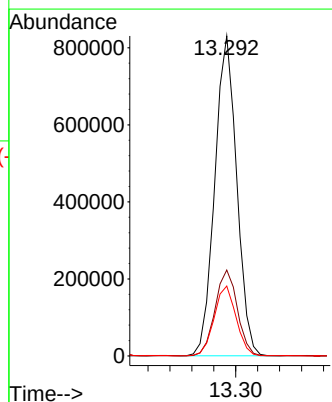
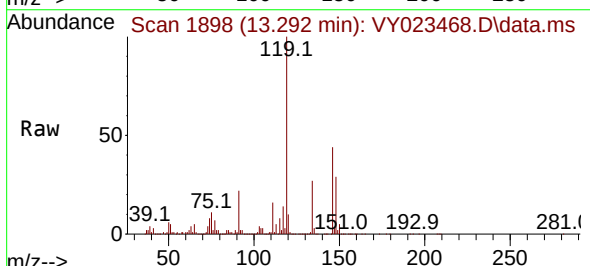
Manual Integrations
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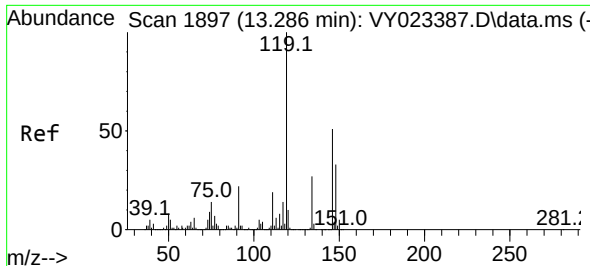
Reviewed By :Semsettin Yesilyurt 10/16/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#86
 p-Isopropyltoluene
 Concen: 49.393 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023468.D
 Acq: 14 Oct 2025 17:36

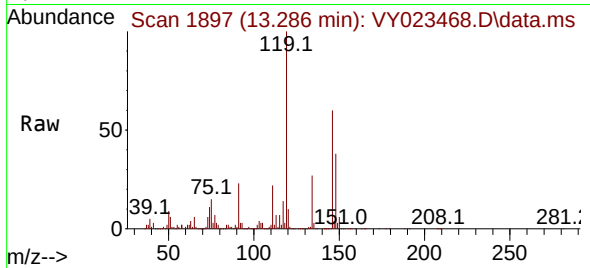
Tgt Ion:119 Resp: 1153641
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 21.7 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 47.047 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

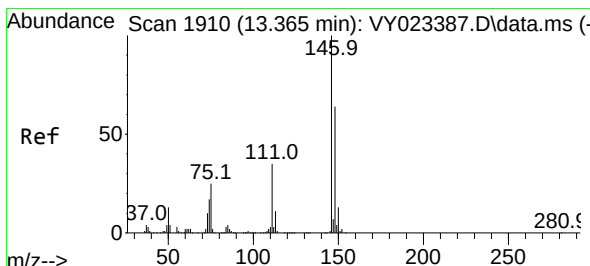
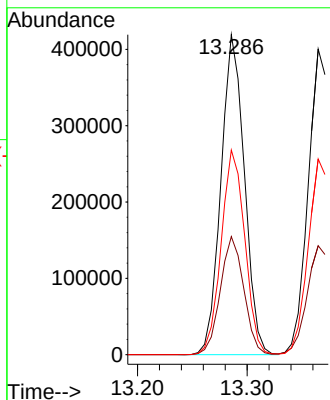
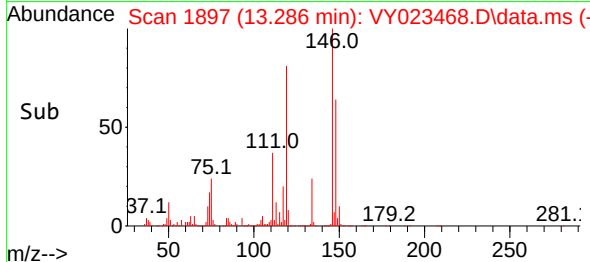
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



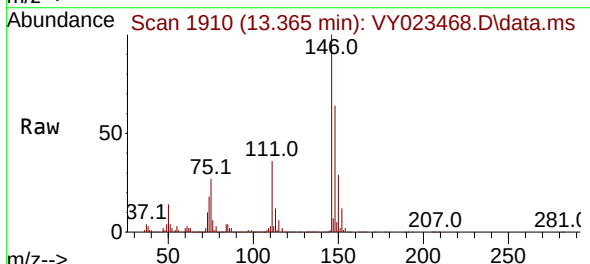
Tgt Ion:146 Resp: 624270
Ion Ratio Lower Upper
146 100
111 36.8 18.7 56.1
148 64.3 31.9 95.9

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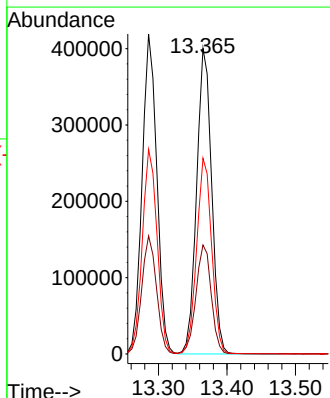
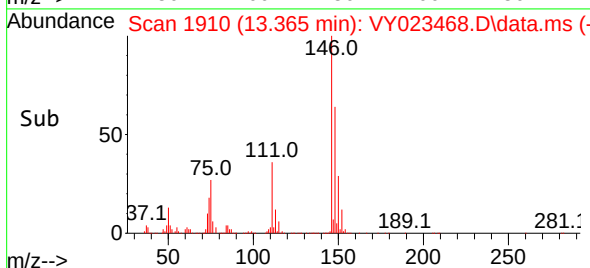
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

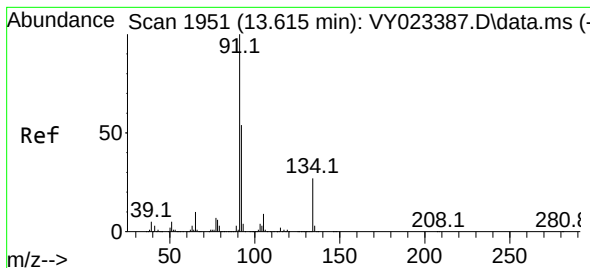


#88
1,4-Dichlorobenzene
Concen: 46.604 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



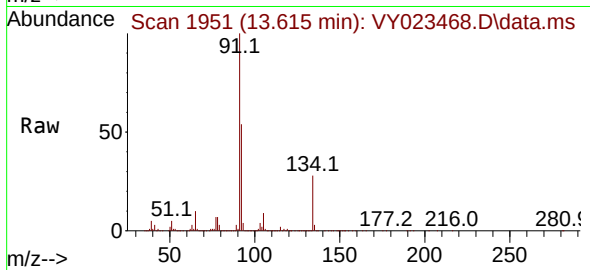
Tgt Ion:146 Resp: 610757
Ion Ratio Lower Upper
146 100
111 36.2 18.0 54.0
148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 49.248 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

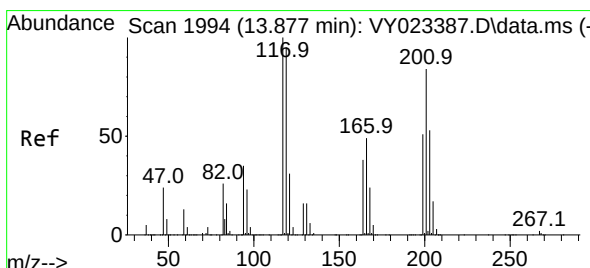
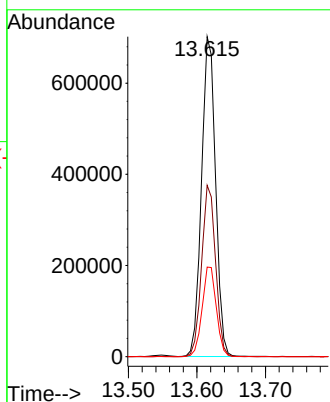
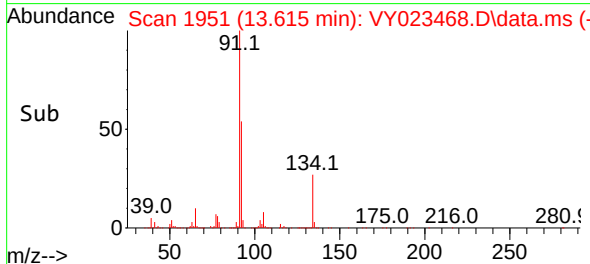
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1002264
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 28.3 14.1 42.2

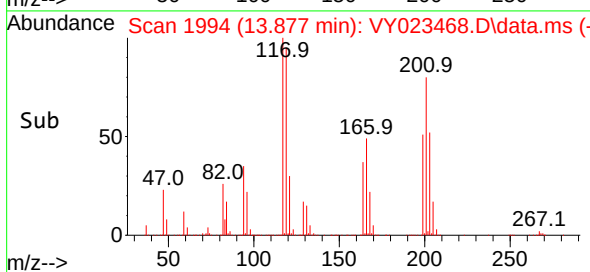
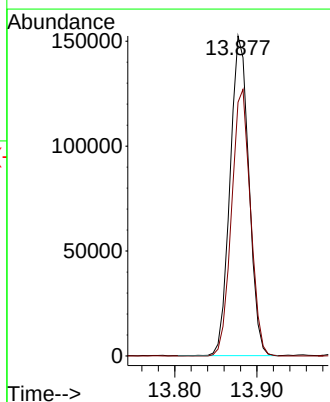
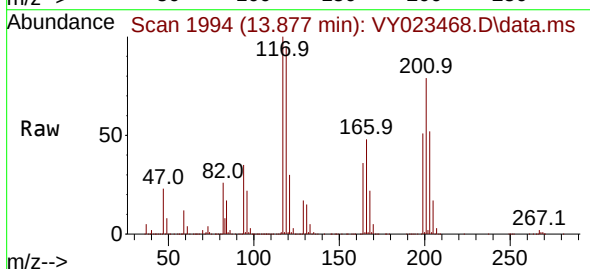
Manual Integrations
APPROVED

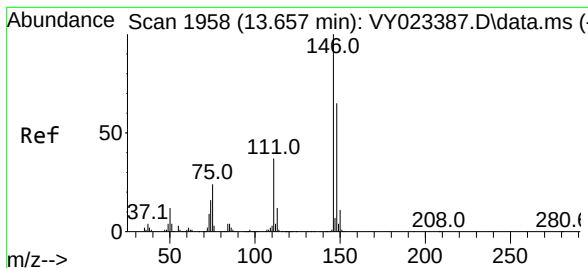
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



#90
Hexachloroethane
Concen: 48.430 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

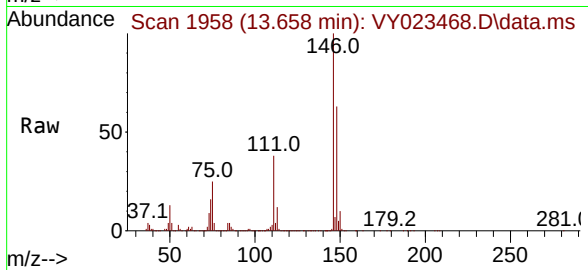
Tgt Ion:117 Resp: 243293
Ion Ratio Lower Upper
117 100
201 83.4 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 47.378 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36

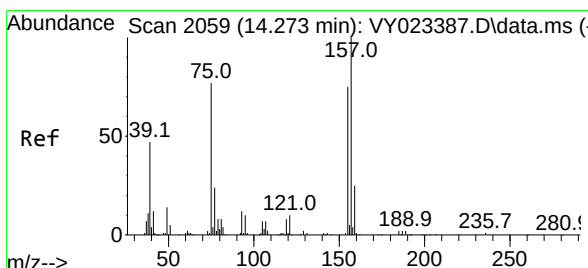
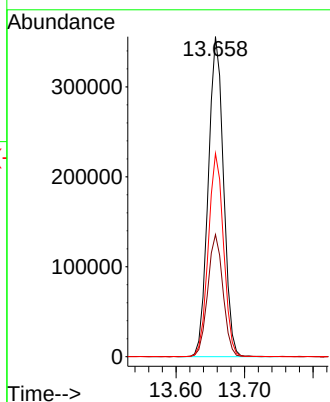
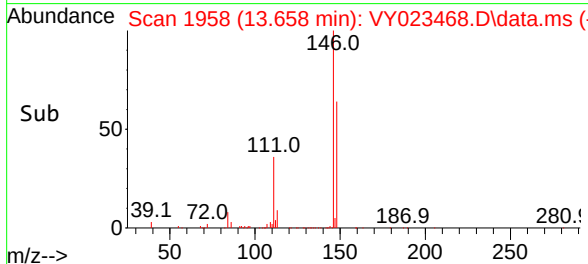
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



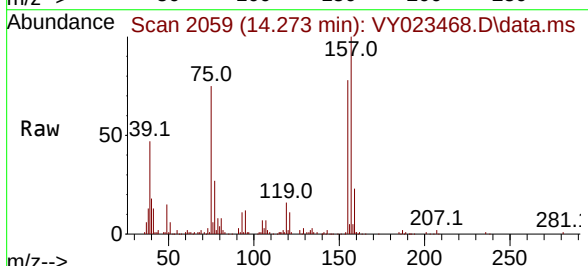
Tgt Ion:146 Resp: 551172
Ion Ratio Lower Upper
146 100
111 38.0 19.0 57.0
148 63.4 32.1 96.3

Manual Integrations
APPROVED

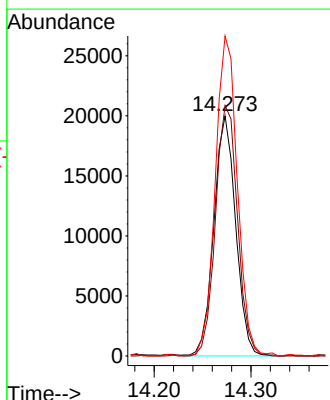
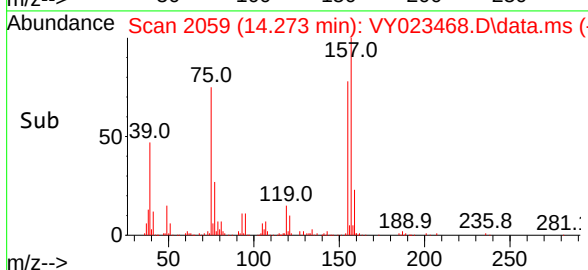
Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

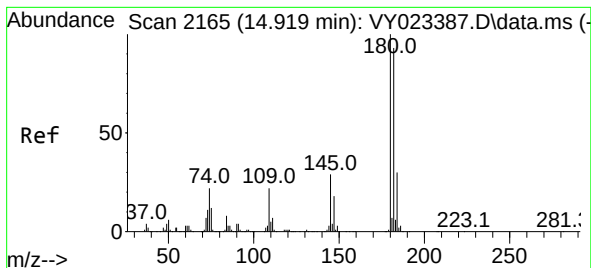


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.594 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023468.D
Acq: 14 Oct 2025 17:36



Tgt Ion: 75 Resp: 31362
Ion Ratio Lower Upper
75 100
155 105.3 50.0 150.0
157 134.5 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 46.107 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

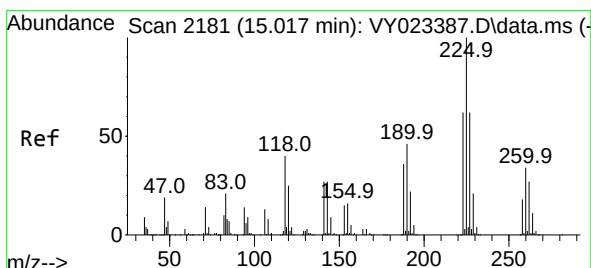
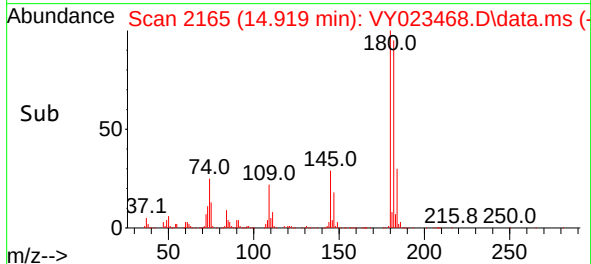
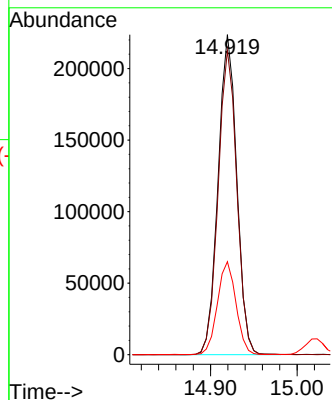
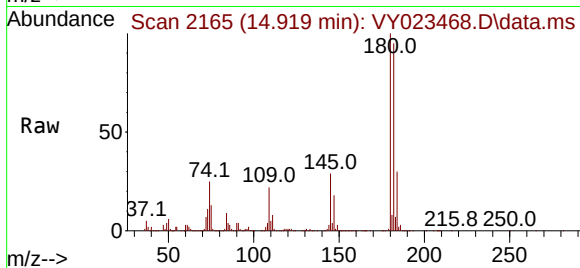
Tgt Ion:180 Resp: 334394

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	28.9	14.7	44.1

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 45.337 ug/l

RT: 15.023 min Scan# 2182

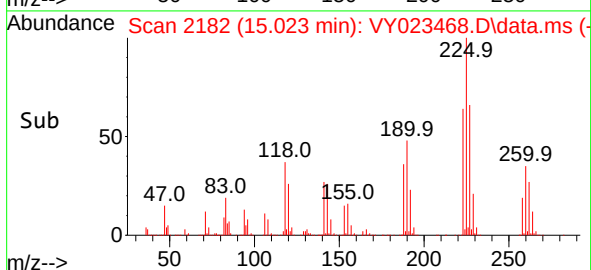
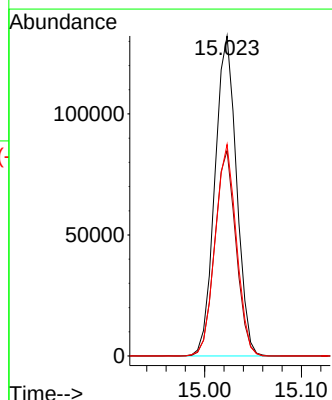
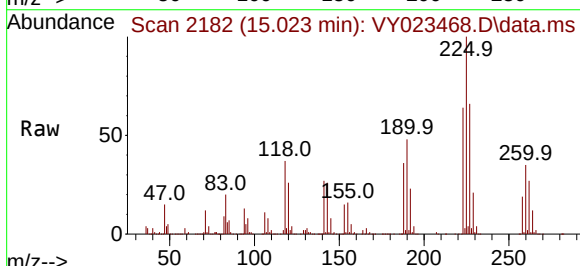
Delta R.T. 0.006 min

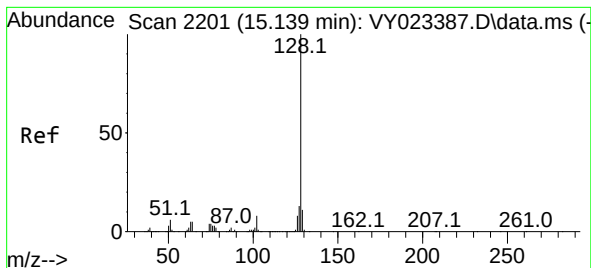
Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion:225 Resp: 204964

Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.3
227	64.9	31.9	95.7





#95

Naphthalene

Concen: 53.237 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

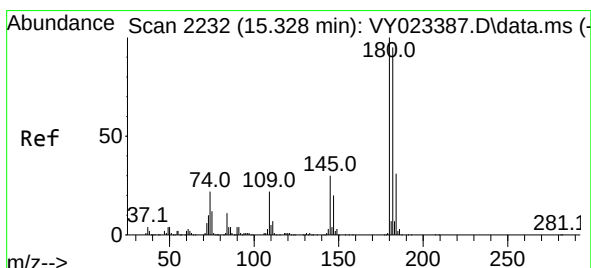
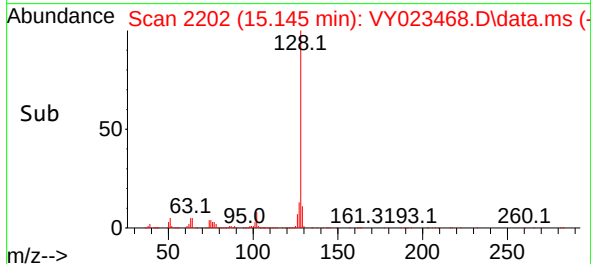
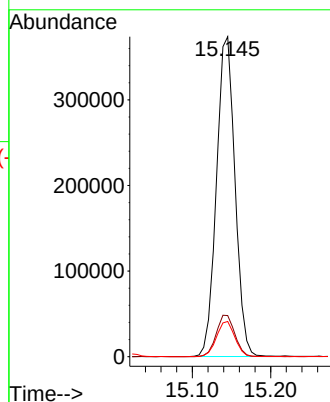
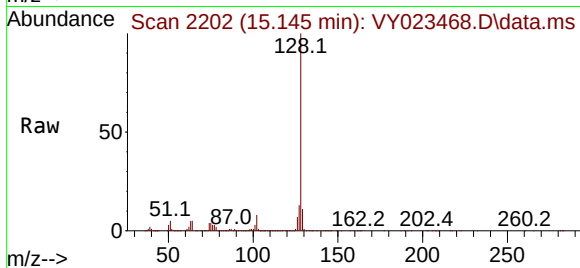
VSTDCCC050EC

Tgt Ion:	128	Resp:	614820
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	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: 46.330 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023468.D

Acq: 14 Oct 2025 17:36

Tgt Ion:	180	Resp:	291042
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.9	143.8
145	31.1	15.3	45.9

