

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023422.D
 Acq On : 09 Oct 2025 15:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 04:27:44 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	558478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	812244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	722646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	385676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	213511	45.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.634	113	245759	49.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.109	98	928409	49.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.402	95	303932	49.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	173722	43.216	ug/l	98
3) Chloromethane	2.074	50	240154	43.855	ug/l	98
4) Vinyl Chloride	2.208	62	318525	44.658	ug/l	99
5) Bromomethane	2.598	94	253498	42.351	ug/l	100
6) Chloroethane	2.739	64	230934	47.498	ug/l	95
7) Trichlorofluoromethane	3.062	101	440459	44.475	ug/l	99
8) Diethyl Ether	3.458	74	114313	44.174	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	245419	47.755	ug/l	99
10) Methyl Iodide	4.007	142	318247	55.627	ug/l	99
11) Tert butyl alcohol	4.854	59	64374	185.288	ug/l	98
12) 1,1-Dichloroethene	3.793	96	234900	47.152	ug/l	97
13) Acrolein	3.653	56	84800	172.736	ug/l	100
14) Allyl chloride	4.391	41	286184	47.137	ug/l	99
15) Acrylonitrile	5.061	53	214413	216.504	ug/l	100
16) Acetone	3.866	43	215867	194.160	ug/l	99
17) Carbon Disulfide	4.110	76	674338	47.294	ug/l	99
18) Methyl Acetate	4.391	43	128469	44.049	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	544433	45.471	ug/l	96
20) Methylene Chloride	4.622	84	267856	44.554	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	265696	48.442	ug/l	99
22) Diisopropyl ether	6.025	45	641783	47.788	ug/l	99
23) Vinyl Acetate	5.964	43	1635612	225.007	ug/l	99
24) 1,1-Dichloroethane	5.921	63	424001	47.662	ug/l	96
25) 2-Butanone	6.896	43	264795	195.085	ug/l	97
26) 2,2-Dichloropropane	6.890	77	392413	48.073	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	309222	48.807	ug/l	97
28) Bromochloromethane	7.250	49	145033	43.672	ug/l	100
29) Tetrahydrofuran	7.262	42	159029	206.612	ug/l	99
30) Chloroform	7.427	83	474807	48.579	ug/l	97
31) Cyclohexane	7.707	56	353839	45.546	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	429797	48.389	ug/l	100
36) 1,1-Dichloropropene	7.841	75	324567	49.122	ug/l	100
37) Ethyl Acetate	6.988	43	113609	43.401	ug/l	97
38) Carbon Tetrachloride	7.823	117	391939	48.920	ug/l	99
39) Methylcyclohexane	9.109	83	427345	49.674	ug/l	99
40) Benzene	8.079	78	1026837	49.072	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	62336	44.031	ug/l	99
42) 1,2-Dichloroethane	8.158	62	249305	46.197	ug/l	100
43) Isopropyl Acetate	8.201	43	226471	43.388	ug/l	98
44) Trichloroethene	8.866	130	300602	49.082	ug/l	96
45) 1,2-Dichloropropane	9.140	63	227958	49.322	ug/l	100
46) Dibromomethane	9.231	93	137993	47.217	ug/l	98
47) Bromodichloromethane	9.426	83	358262	48.674	ug/l	99
48) Methyl methacrylate	9.219	41	110792	45.182	ug/l	99
49) 1,4-Dioxane	9.231	88	28596	843.926	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	594569	220.470	ug/l	99
52) Toluene	10.170	92	683023	50.273	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	302922	47.331	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	368237	48.750	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	185073	47.092	ug/l	95
56) Ethyl methacrylate	10.438	69	213144	47.017	ug/l	98
57) 1,3-Dichloropropane	10.719	76	293987	47.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	510647	251.447	ug/l	99
59) 2-Hexanone	10.762	43	406079	210.702	ug/l	100
60) Dibromochloromethane	10.914	129	262634	47.665	ug/l	100
61) 1,2-Dibromoethane	11.012	107	175654	46.865	ug/l	99
64) Tetrachloroethene	10.646	164	366764	49.153	ug/l	98
65) Chlorobenzene	11.444	112	758854	48.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	268436	47.927	ug/l	98
67) Ethyl Benzene	11.518	91	1276859	50.188	ug/l	100
68) m/p-Xylenes	11.627	106	1025329	100.479	ug/l	99
69) o-Xylene	11.957	106	482553	50.416	ug/l	99
70) Styrene	11.969	104	795370	50.532	ug/l	99
71) Bromoform	12.133	173	155440	44.741	ug/l #	99
73) Isopropylbenzene	12.255	105	1254928	49.374	ug/l	99
74) N-amyl acetate	12.066	43	193646	42.418	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	177466	42.690	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	159694m	46.932	ug/l	
77) Bromobenzene	12.530	156	312920	46.310	ug/l	99
78) n-propylbenzene	12.597	91	1464938	49.807	ug/l	100
79) 2-Chlorotoluene	12.676	91	829811	48.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1013203	49.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	59298	42.734	ug/l	99
82) 4-Chlorotoluene	12.773	91	848973	47.861	ug/l	100
83) tert-Butylbenzene	12.993	119	939292	49.532	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1011089	49.328	ug/l	99
85) sec-Butylbenzene	13.176	105	1344524	49.426	ug/l	99
86) p-Isopropyltoluene	13.292	119	1149528	49.632	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	611832	46.499	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	588363	45.275	ug/l	99
89) n-Butylbenzene	13.615	91	983980	48.758	ug/l	99
90) Hexachloroethane	13.877	117	233976	46.969	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	525939	45.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27273	39.984	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	308064	42.836	ug/l	99
94) Hexachlorobutadiene	15.023	225	198725	44.328	ug/l	99
95) Naphthalene	15.139	128	461409	40.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	259430	41.646	ug/l	100

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

Manual Integrations

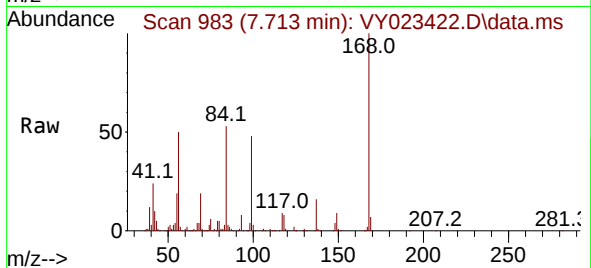
Quant Time: Oct 10 04:27:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

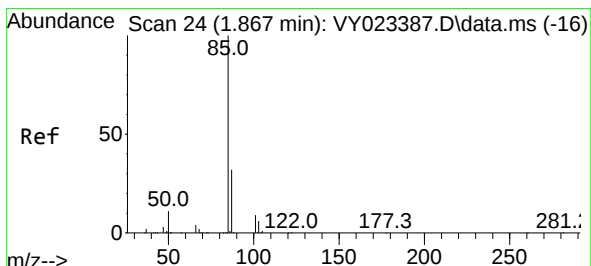
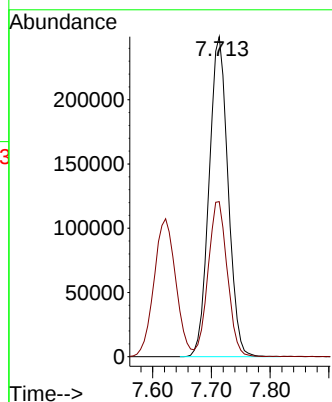
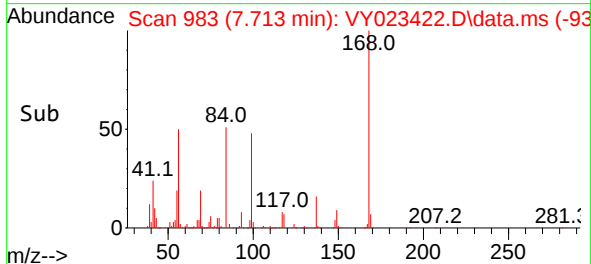
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 558478
Ion Ratio Lower Upper
168 100
99 48.4 39.7 59.5

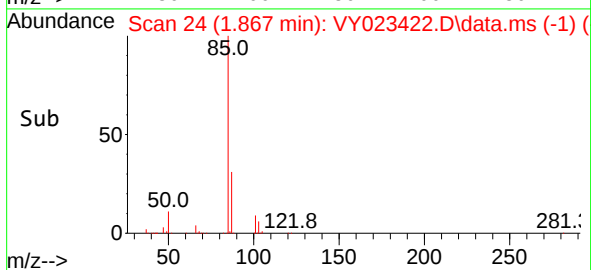
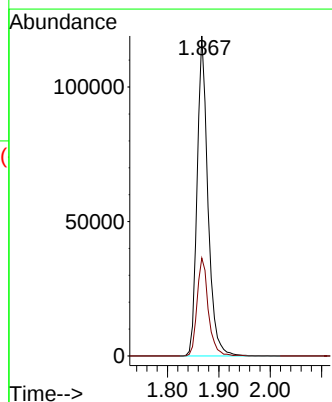
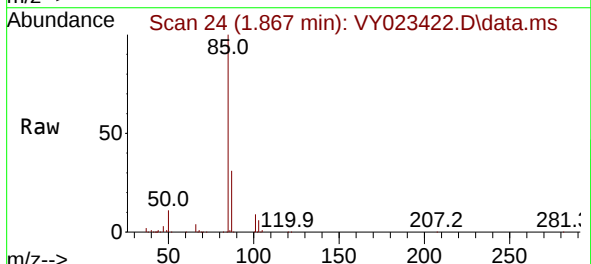
Manual Integrations
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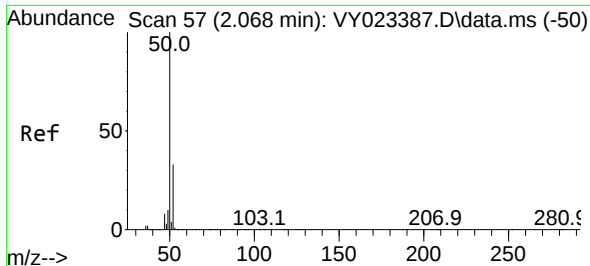
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#2
Dichlorodifluoromethane
Concen: 43.216 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

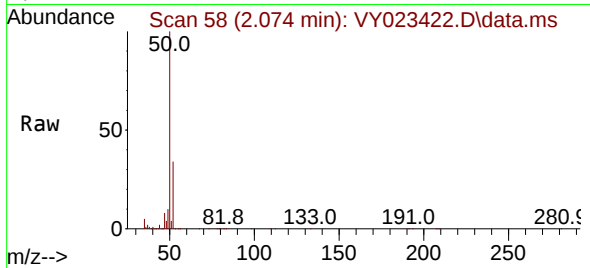
Tgt Ion: 85 Resp: 173722
Ion Ratio Lower Upper
85 100
87 30.6 16.0 47.9





#3
Chloromethane
Concen: 43.855 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

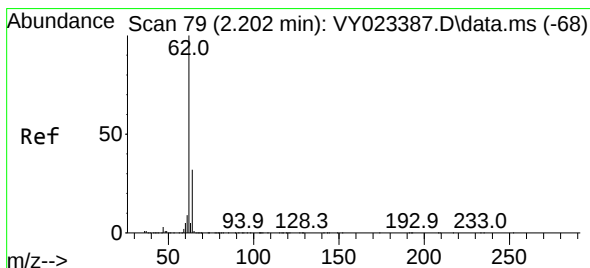
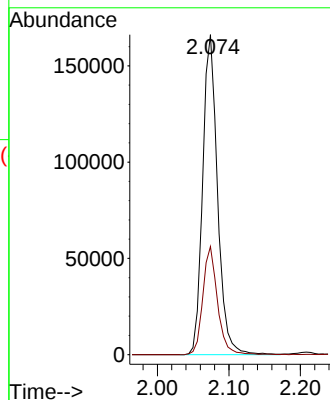
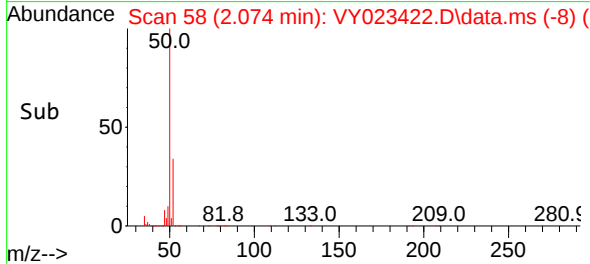
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 240154
Ion Ratio Lower Upper
50 100
52 33.8 26.2 39.2

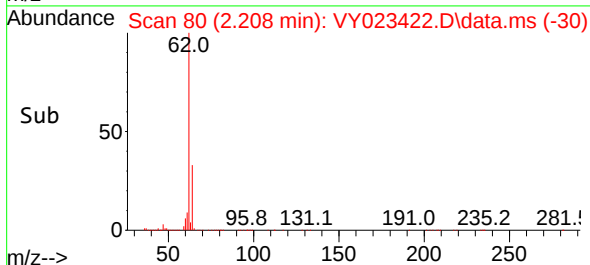
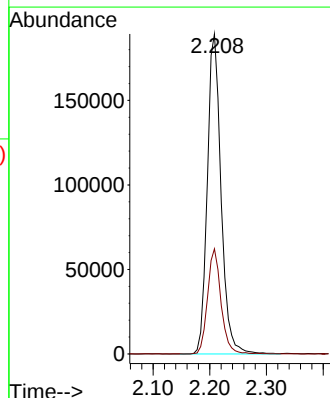
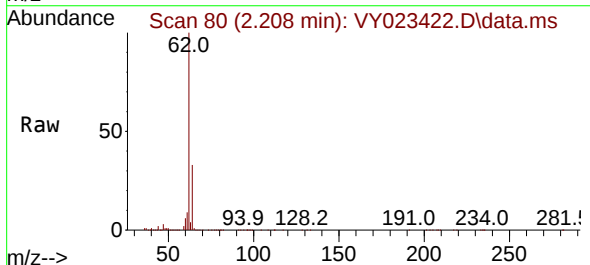
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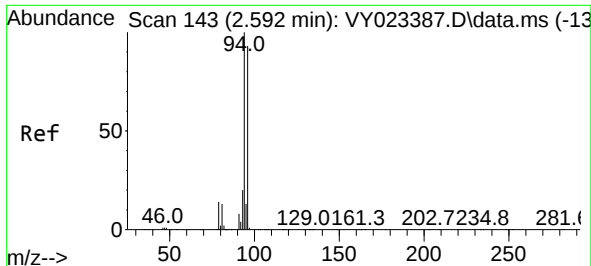
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#4
Vinyl Chloride
Concen: 44.658 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

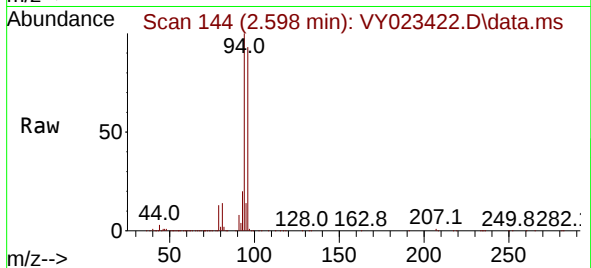
Tgt Ion: 62 Resp: 318525
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.8





#5
Bromomethane
Concen: 42.351 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

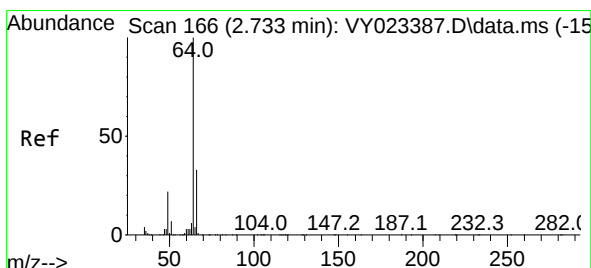
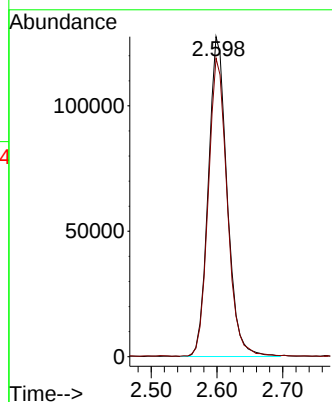
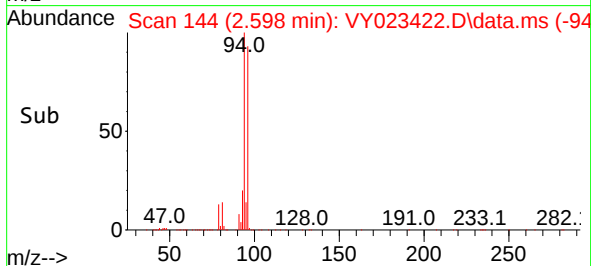
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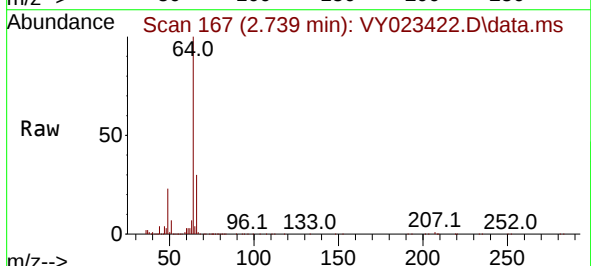
Tgt Ion: 94 Resp: 253498
Ion Ratio Lower Upper
94 100
96 93.1 74.5 111.7

Manual Integrations
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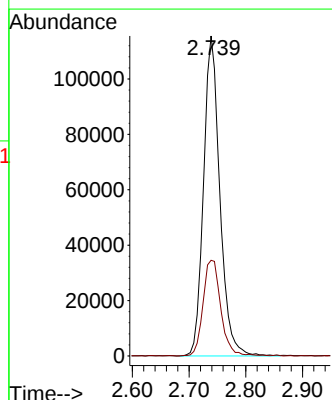
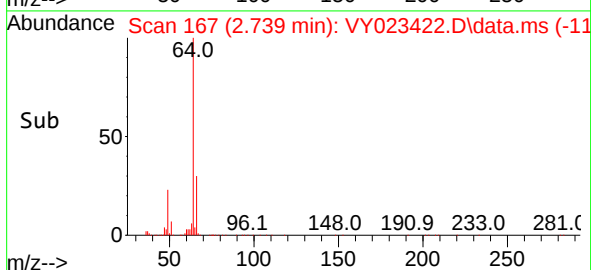
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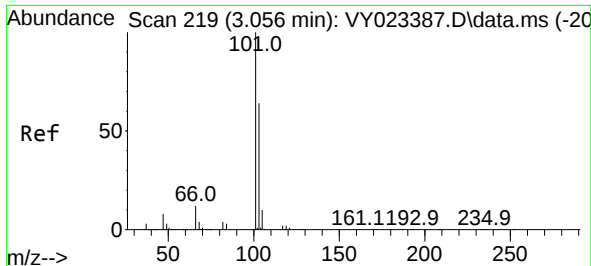


#6
Chloroethane
Concen: 47.498 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



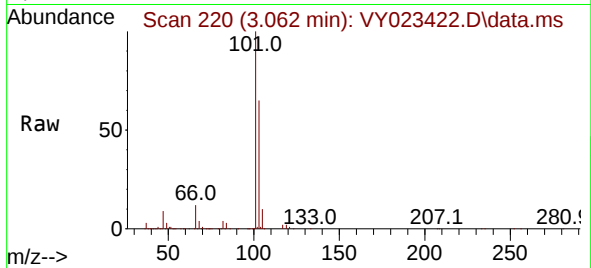
Tgt Ion: 64 Resp: 230934
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.475 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

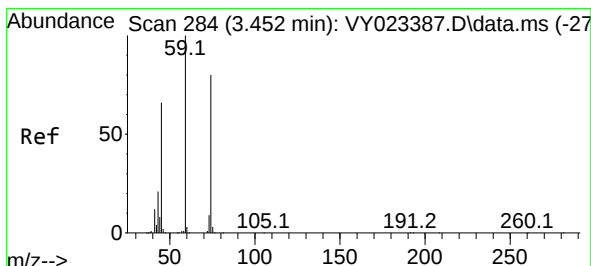
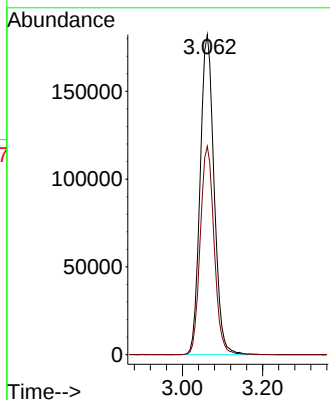
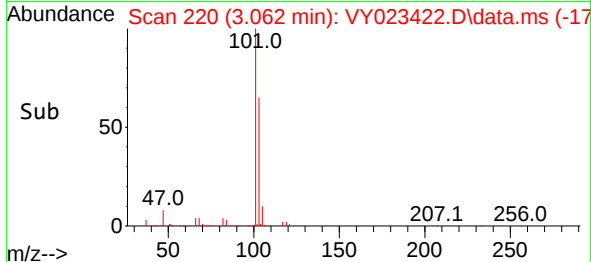
Instrument :
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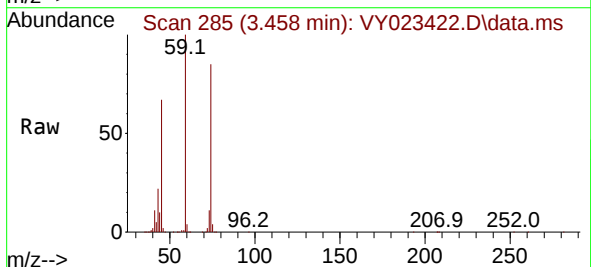
Tgt Ion:101 Resp: 440459
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9

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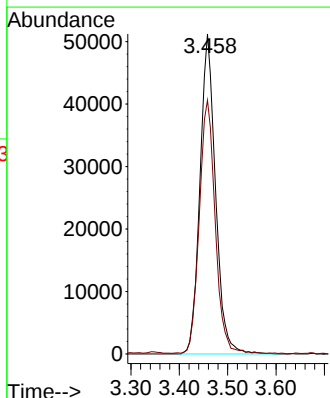
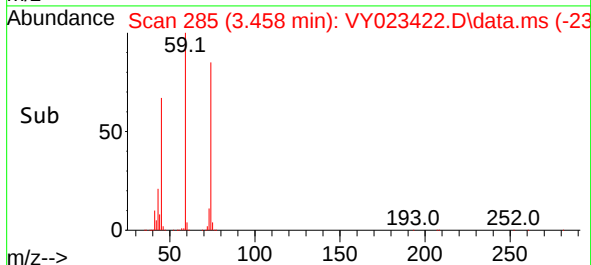
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#8
Diethyl Ether
Concen: 44.174 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023422.D
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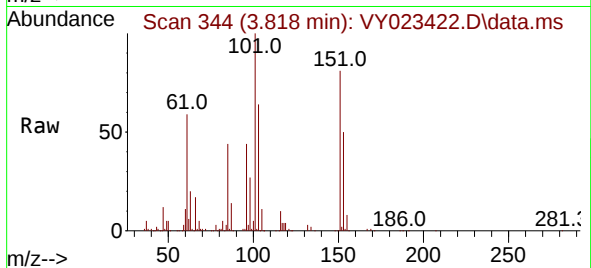
Tgt Ion: 74 Resp: 114313
Ion Ratio Lower Upper
74 100
45 80.8 39.9 119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.755 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023422.D
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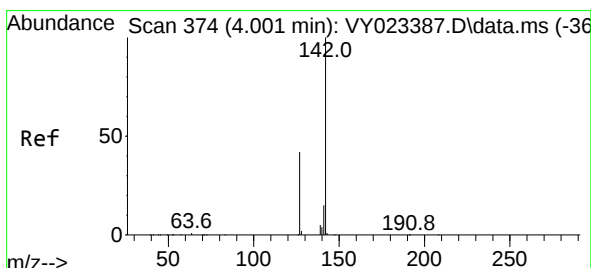
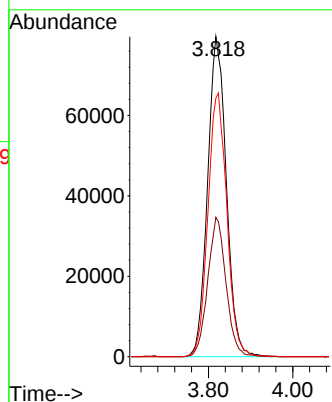
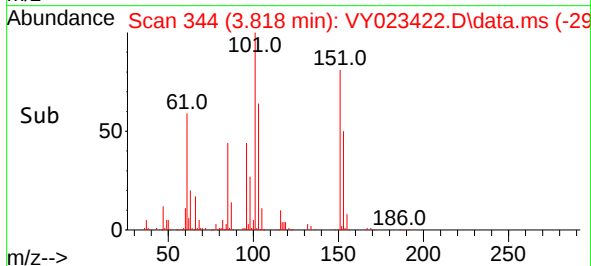
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 245419
Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 83.4 67.0 100.6

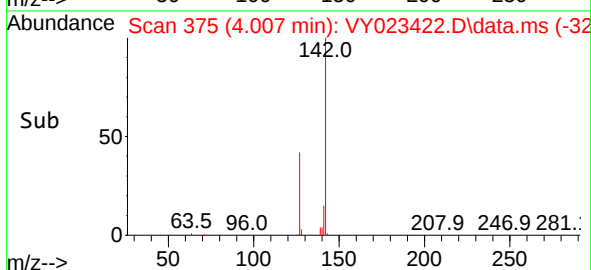
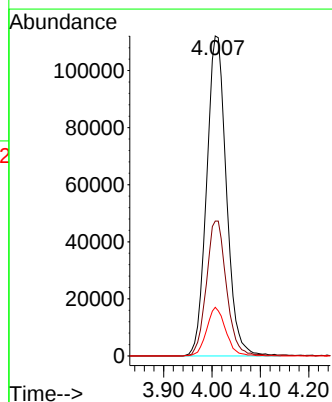
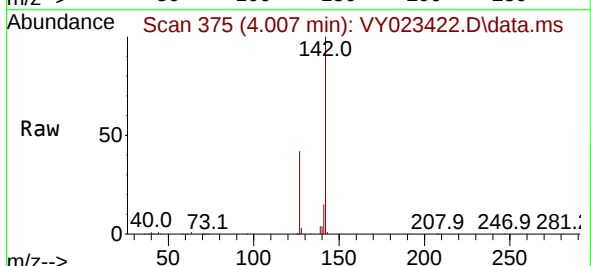
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 55.627 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

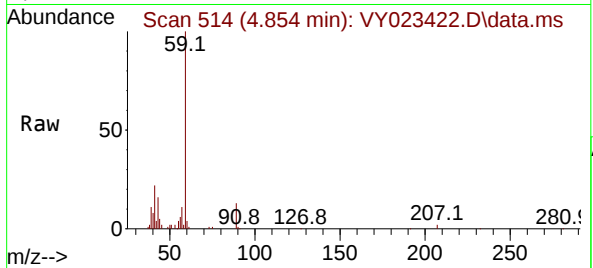
Tgt Ion:142 Resp: 318247
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 185.288 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

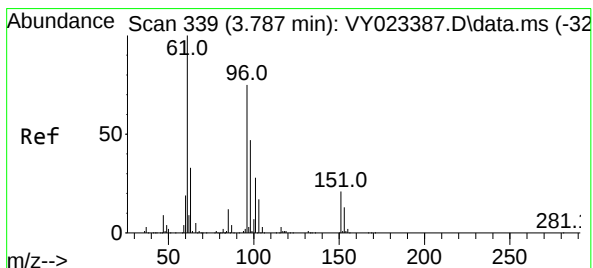
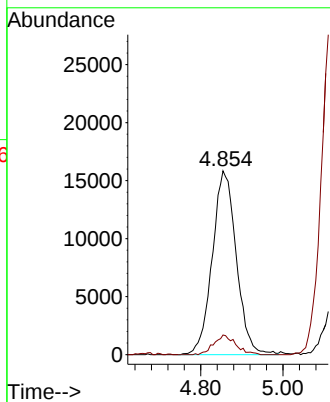
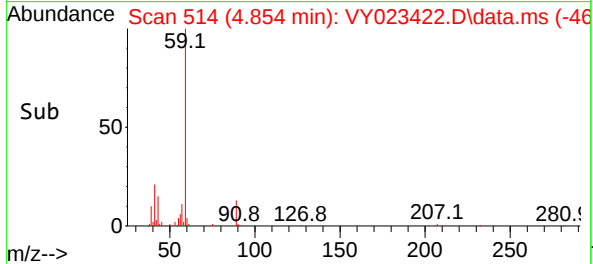
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 64374
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

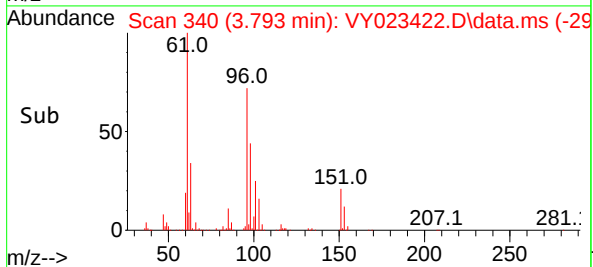
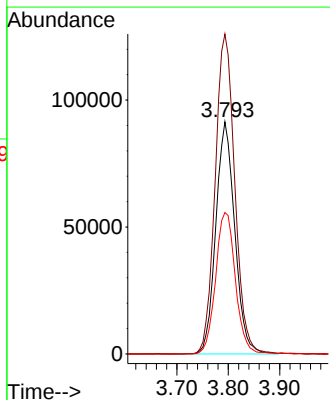
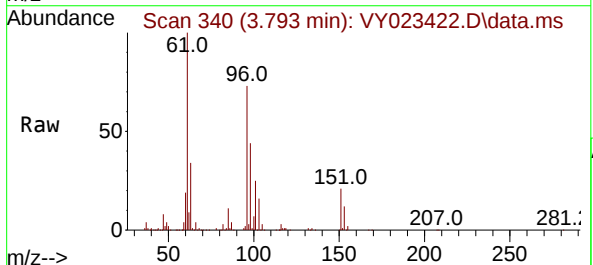
Manual Integrations
APPROVED

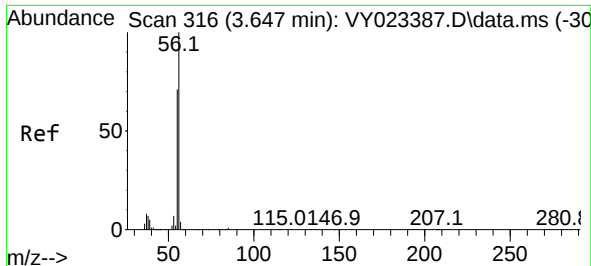
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#12
1,1-Dichloroethene
Concen: 47.152 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

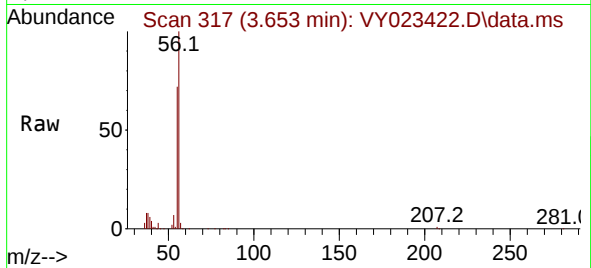
Tgt Ion: 96 Resp: 234900
Ion Ratio Lower Upper
96 100
61 137.7 106.7 160.1
98 60.9 50.2 75.4





#13
Acrolein
Concen: 172.736 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

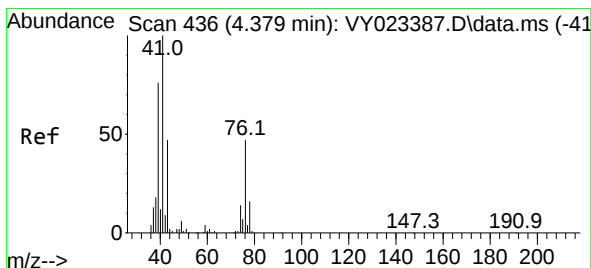
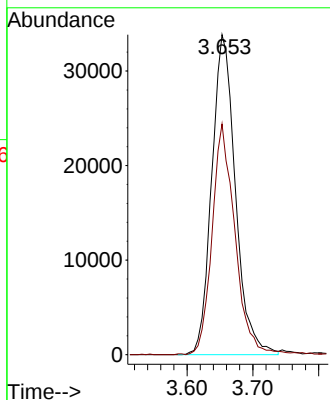
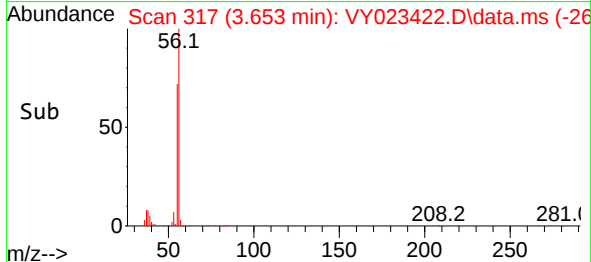
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



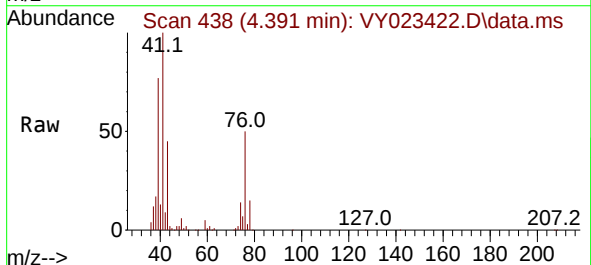
Tgt Ion: 56 Resp: 84800
Ion Ratio Lower Upper
56 100
55 70.0 56.1 84.1

Manual Integrations
APPROVED

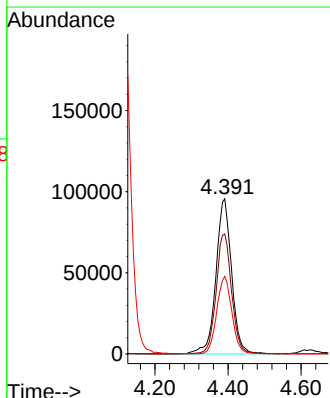
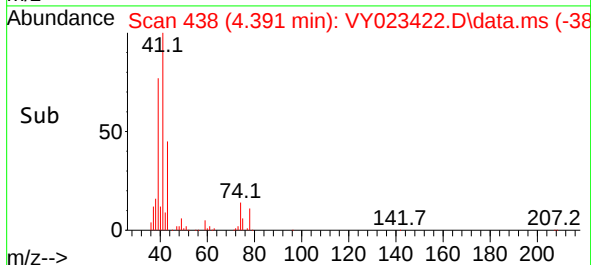
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#14
Allyl chloride
Concen: 47.137 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



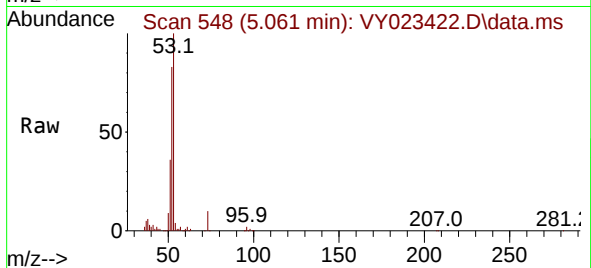
Tgt Ion: 41 Resp: 286184
Ion Ratio Lower Upper
41 100
39 76.1 59.9 89.9
76 47.7 38.0 57.0





#15
Acrylonitrile
Concen: 216.504 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

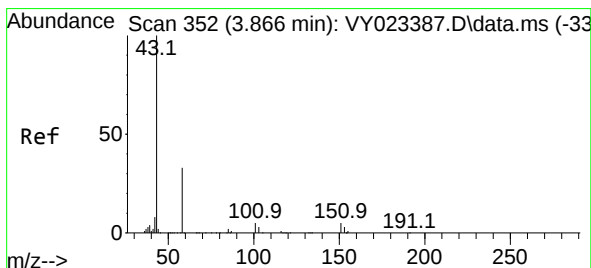
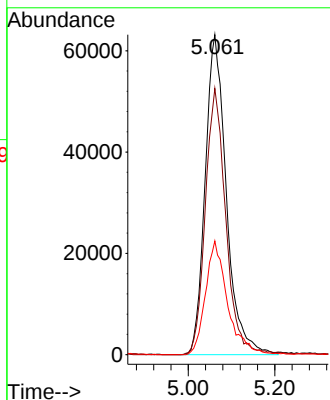
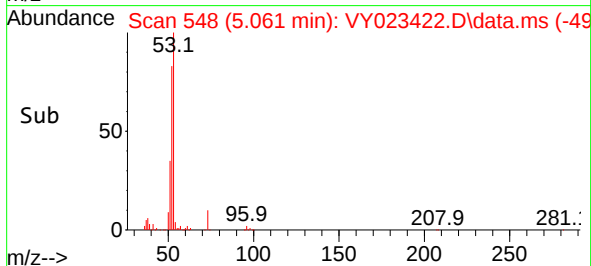
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 21441
Ion Ratio Lower Upper
53 100
52 81.0 64.6 97.0
51 37.2 29.5 44.3

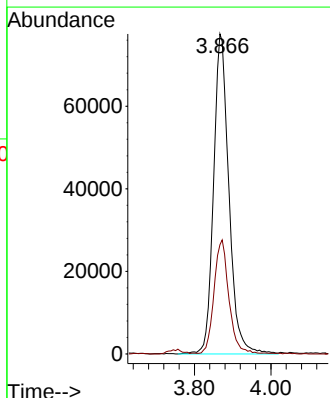
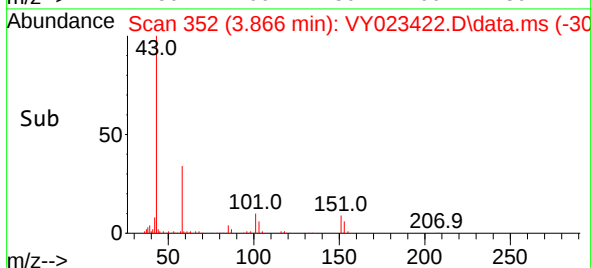
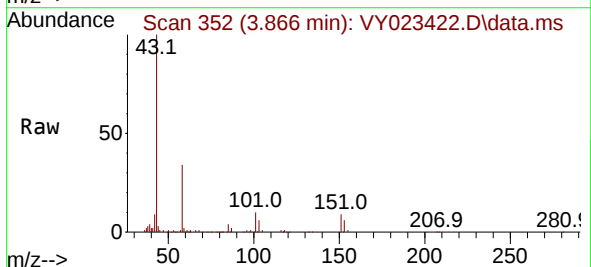
Manual Integrations
APPROVED

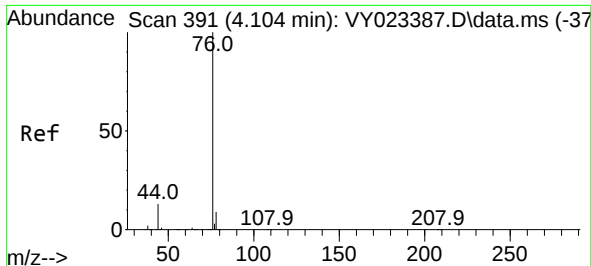
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#16
Acetone
Concen: 194.160 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

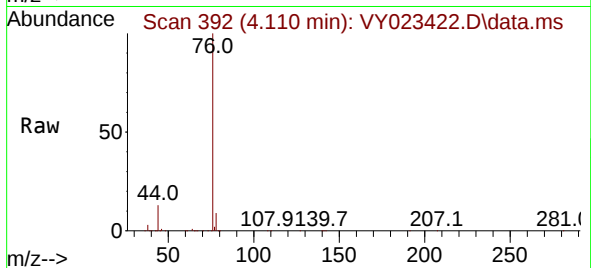
Tgt Ion: 43 Resp: 215867
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5





#17
Carbon Disulfide
Concen: 47.294 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

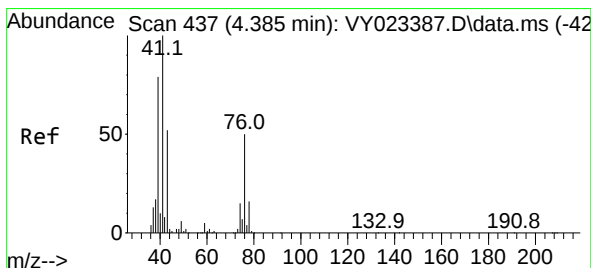
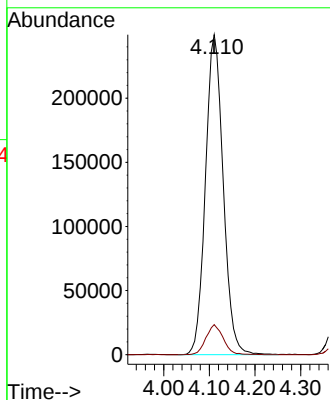
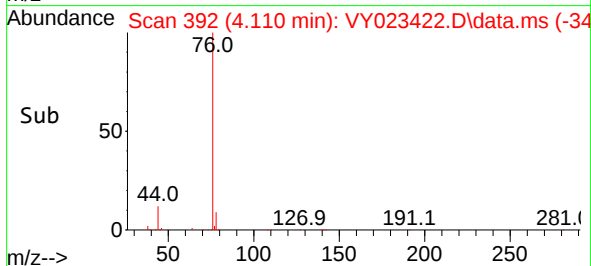
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 674338
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

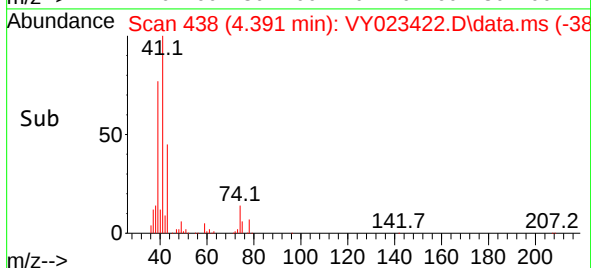
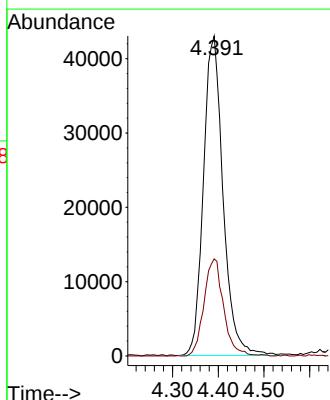
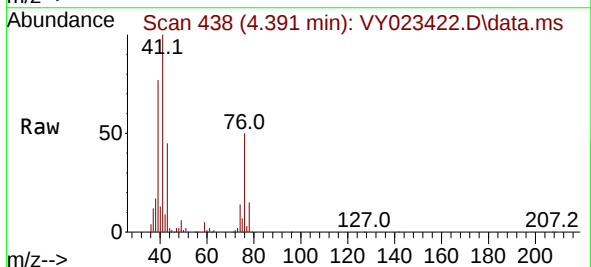
Manual Integrations
APPROVED

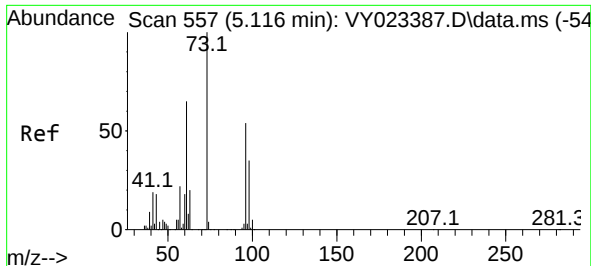
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#18
Methyl Acetate
Concen: 44.049 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 43 Resp: 128469
Ion Ratio Lower Upper
43 100
74 30.2 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 45.471 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 54443

Ion Ratio Lower Upper

73 100

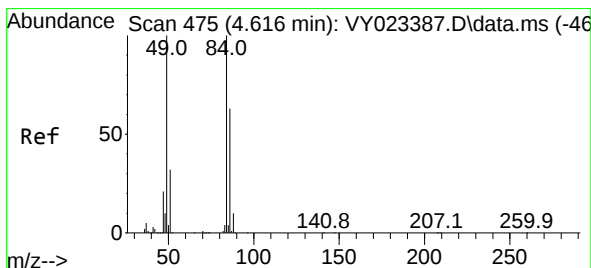
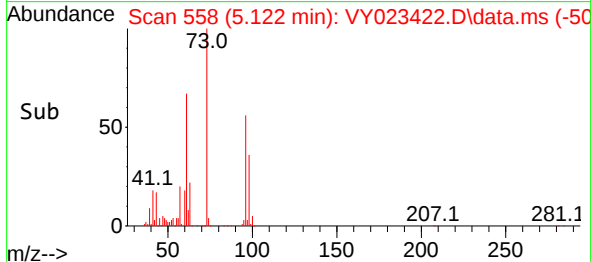
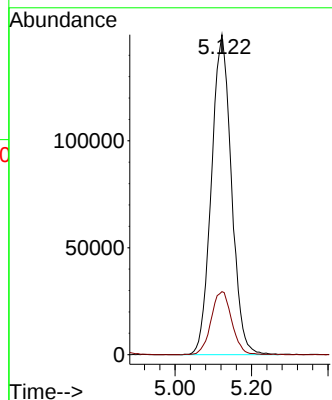
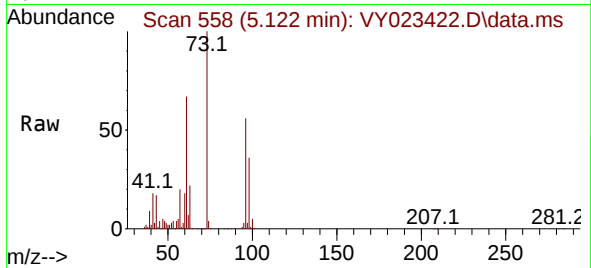
57 19.7 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#20

Methylene Chloride

Concen: 44.554 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Tgt Ion: 84 Resp: 267856

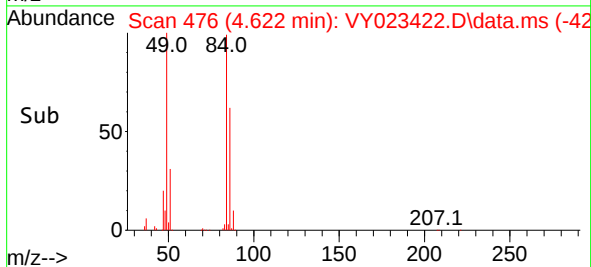
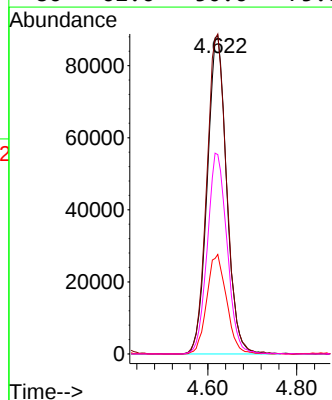
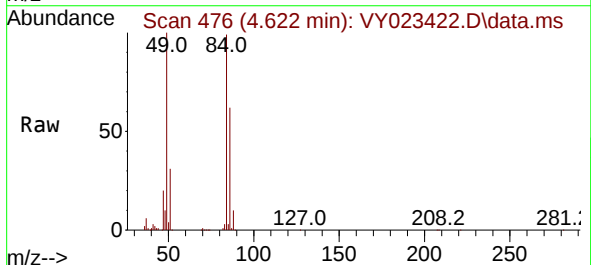
Ion Ratio Lower Upper

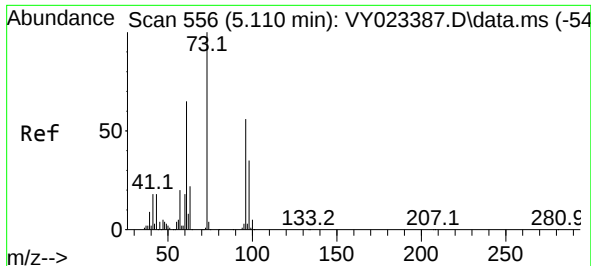
84 100

49 100.5 80.2 120.4

51 31.2 25.9 38.9

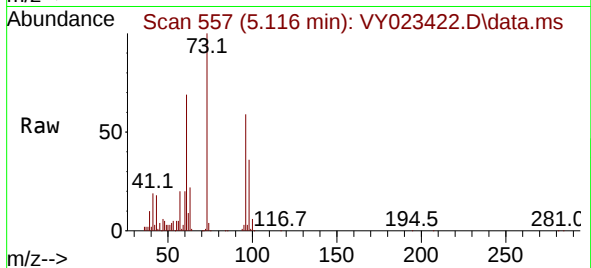
86 62.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.442 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

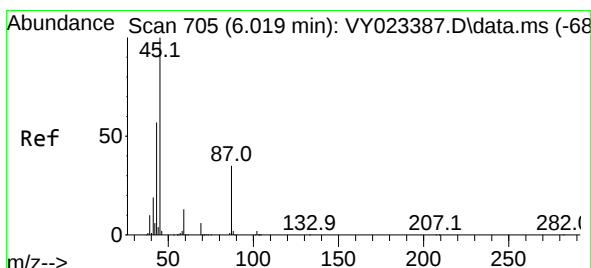
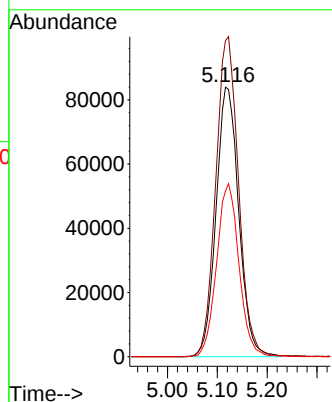
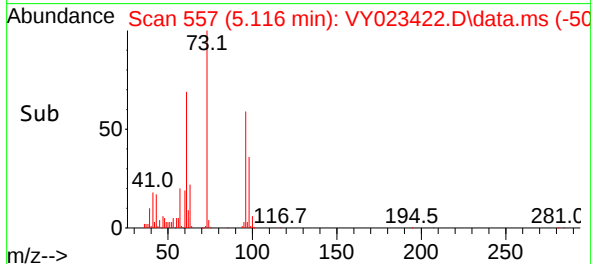
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



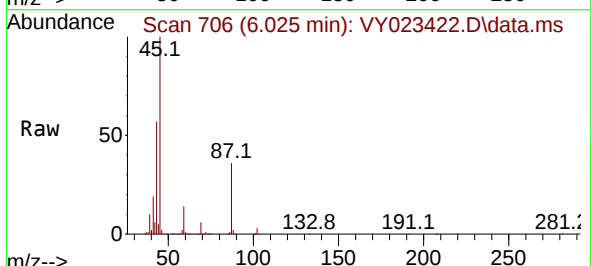
Tgt Ion: 96 Resp: 265690
Ion Ratio Lower Upper
96 100
61 117.3 92.7 139.1
98 61.4 49.7 74.5

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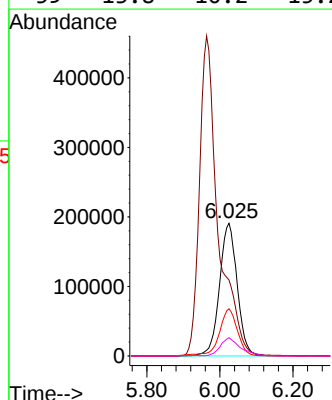
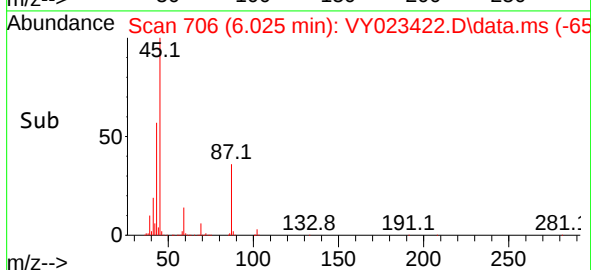
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#22
Diisopropyl ether
Concen: 47.788 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



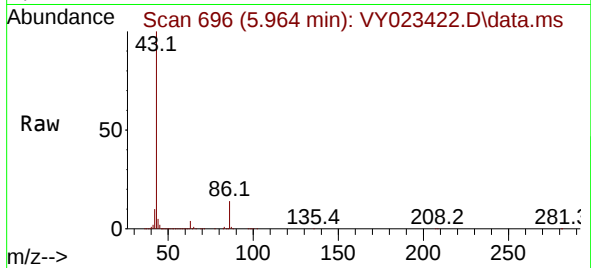
Tgt Ion: 45 Resp: 641783
Ion Ratio Lower Upper
45 100
43 57.1 45.6 68.4
87 35.6 28.1 42.1
59 13.8 10.2 15.2





#23
 Vinyl Acetate
 Concen: 225.007 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023422.D
 Acq: 09 Oct 2025 15:22

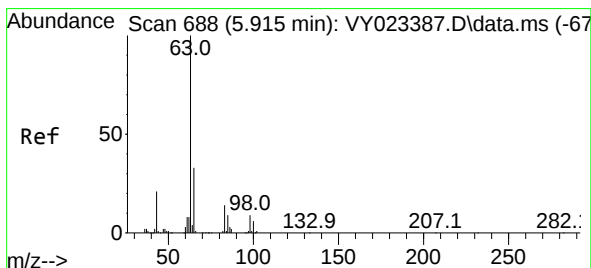
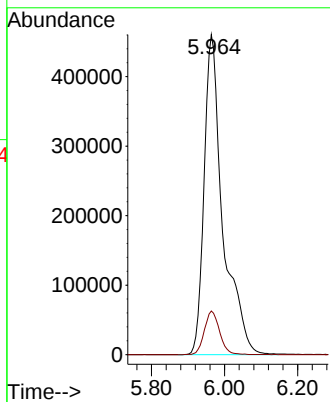
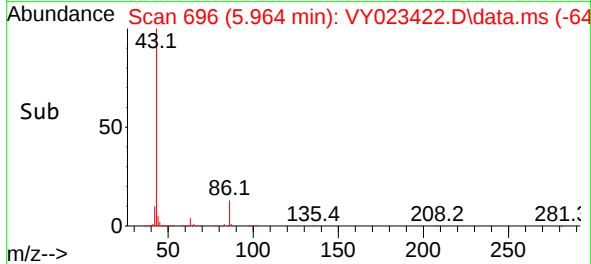
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



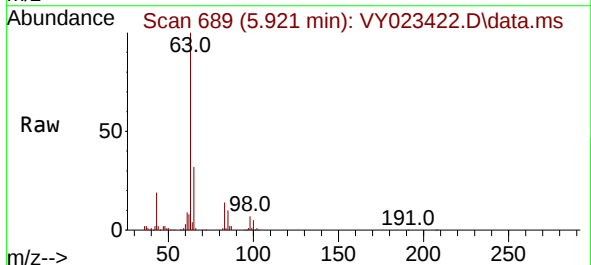
Tgt Ion: 43 Resp: 163561
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 15.8

Manual Integrations
 APPROVED

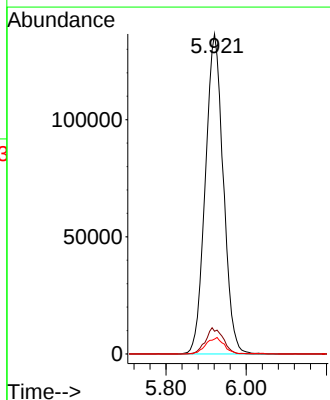
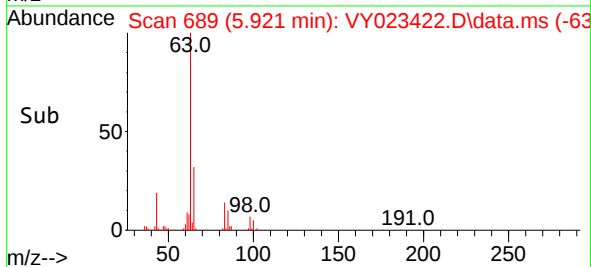
Reviewed By :Mahesh Dadoda 10/10/2025
 Supervised By :Semsettin Yesilyurt 10/10/2025

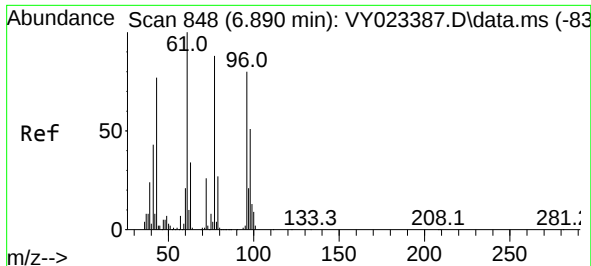


#24
 1,1-Dichloroethane
 Concen: 47.662 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023422.D
 Acq: 09 Oct 2025 15:22



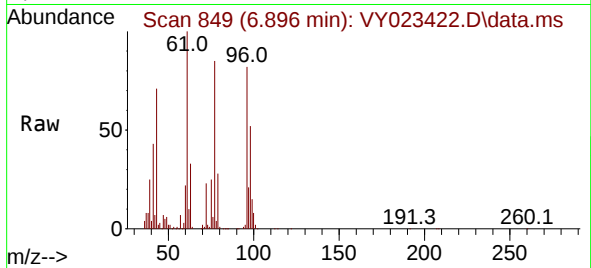
Tgt Ion: 63 Resp: 424001
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.3 13.1
 100 4.6 2.8 8.4





#25
2-Butanone
Concen: 195.085 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

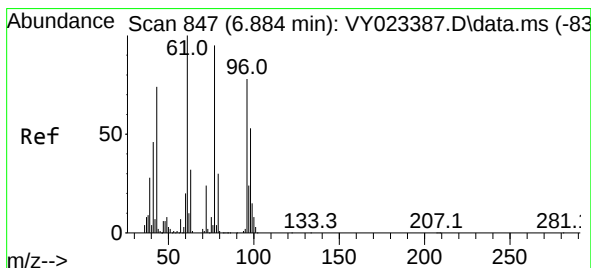
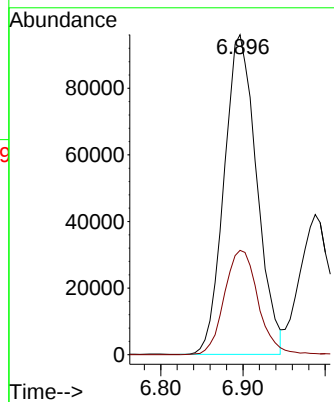
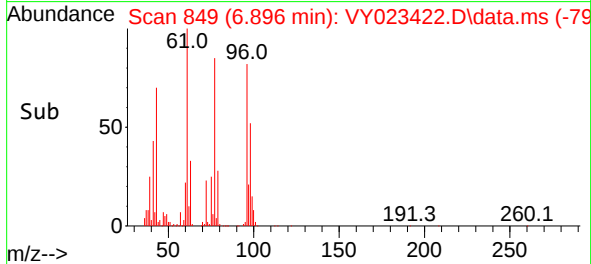
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



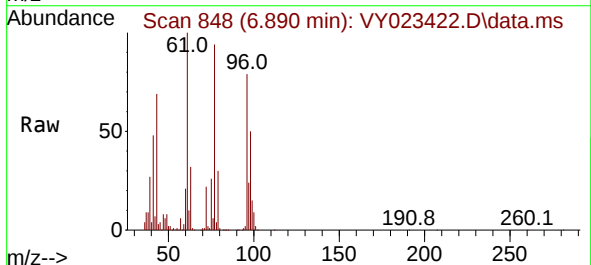
Tgt Ion: 43 Resp: 26479
Ion Ratio Lower Upper
43 100
72 32.6 27.4 41.2

Manual Integrations
APPROVED

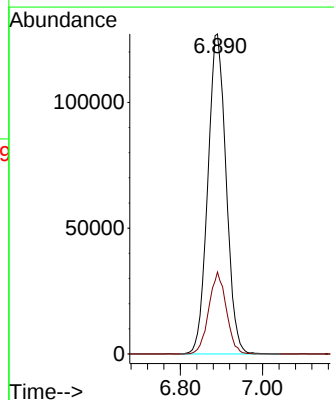
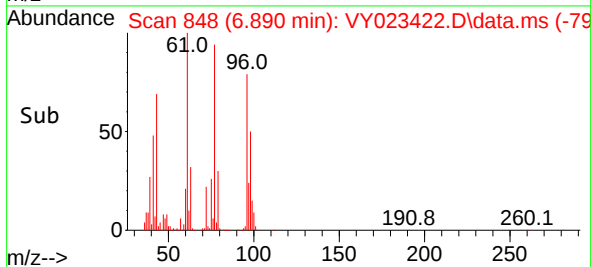
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

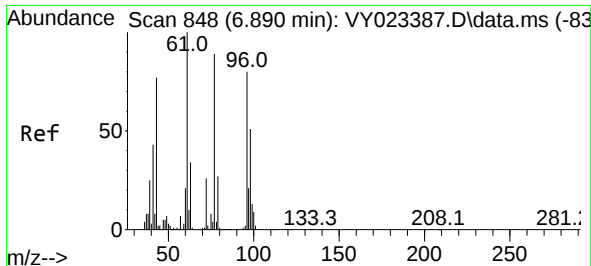


#26
2,2-Dichloropropane
Concen: 48.073 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



Tgt Ion: 77 Resp: 392413
Ion Ratio Lower Upper
77 100
97 24.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.807 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023422.D

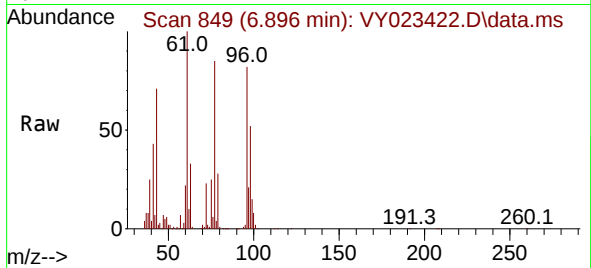
Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 30922

Ion Ratio Lower Upper

96 100

61 125.5 0.0 258.2

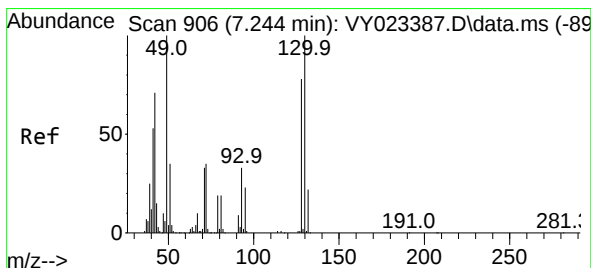
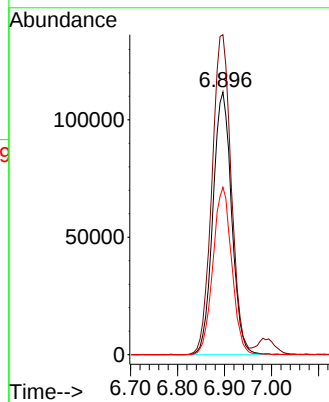
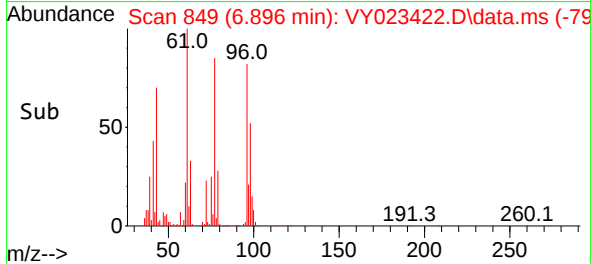
98 64.1 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#28

Bromochloromethane

Concen: 43.672 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

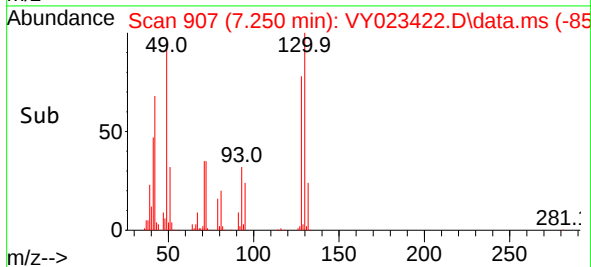
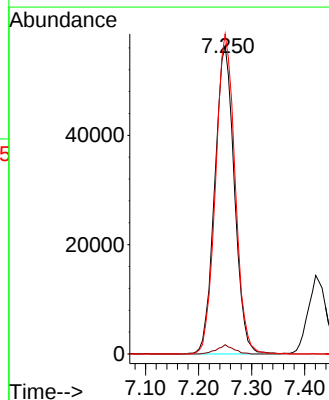
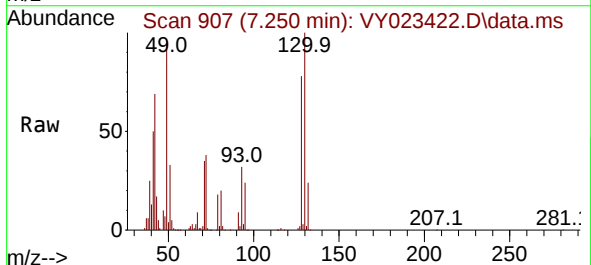
Tgt Ion: 49 Resp: 145033

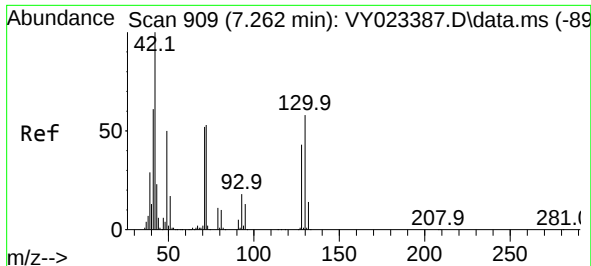
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.6

130 102.7 81.9 122.9





#29

Tetrahydrofuran

Concen: 206.612 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 159029

Ion Ratio Lower Upper

42 100

72 54.5 43.0 64.6

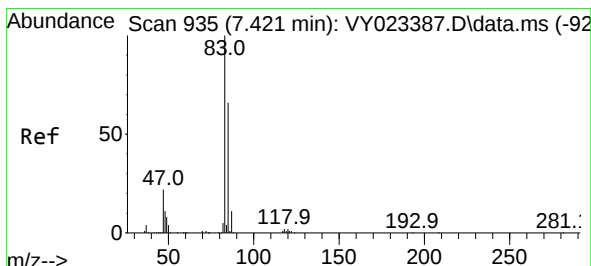
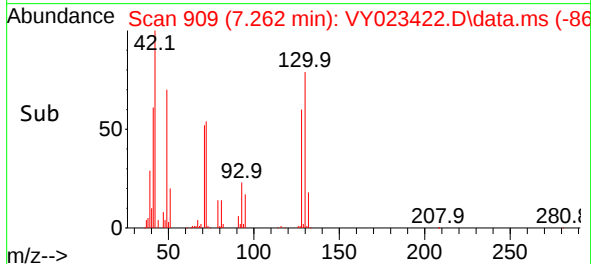
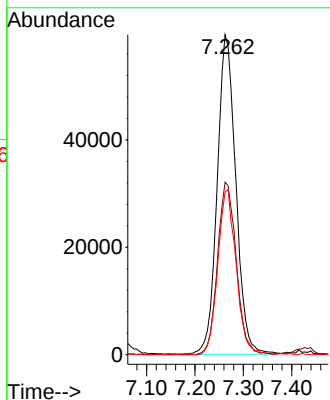
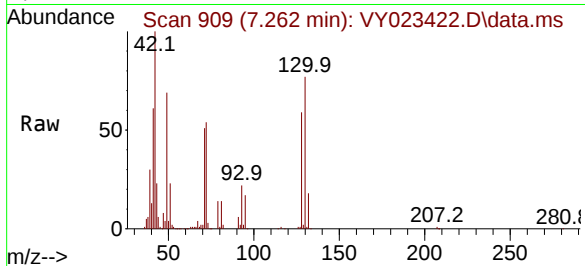
71 50.9 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#30

Chloroform

Concen: 48.579 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023422.D

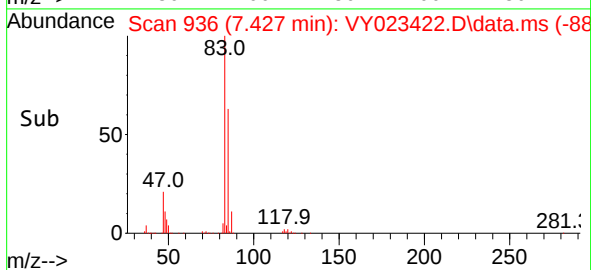
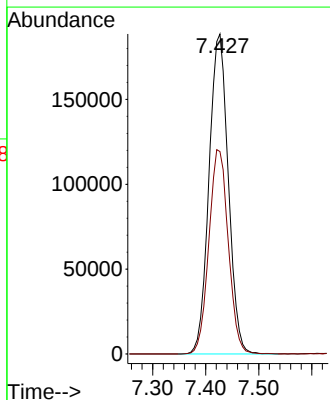
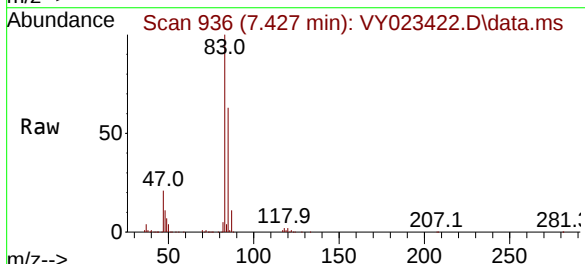
Acq: 09 Oct 2025 15:22

Tgt Ion: 83 Resp: 474807

Ion Ratio Lower Upper

83 100

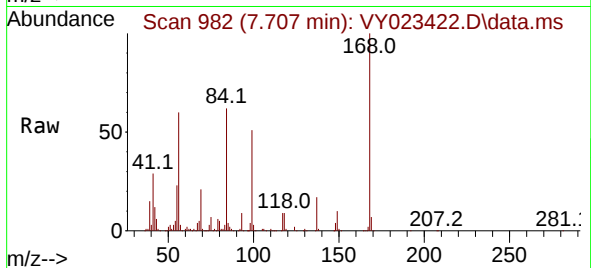
85 63.3 52.5 78.7





#31
Cyclohexane
Concen: 45.546 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

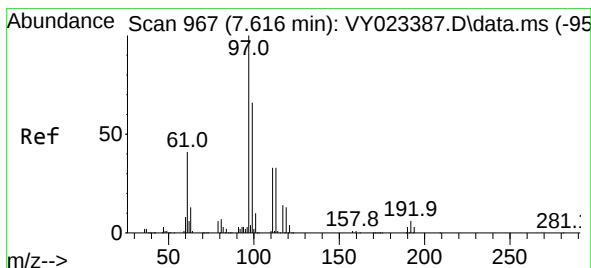
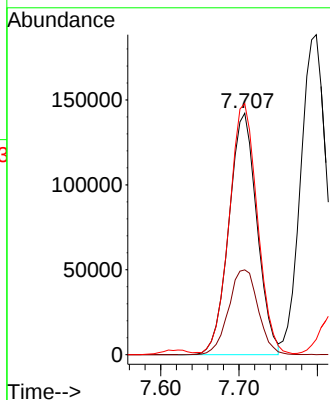
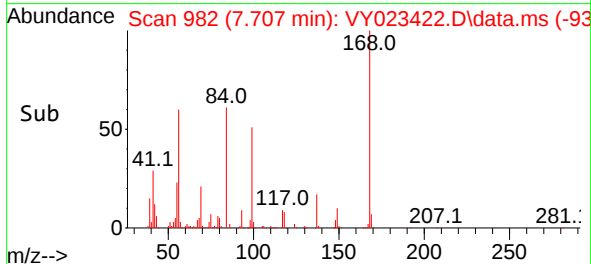
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



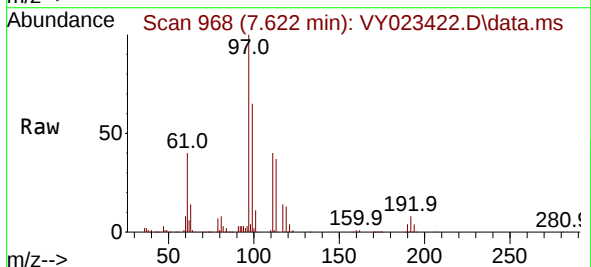
Tgt Ion: 56 Resp: 353839
Ion Ratio Lower Upper
56 100
69 35.2 30.0 45.0
84 102.0 81.2 121.8

Manual Integrations
APPROVED

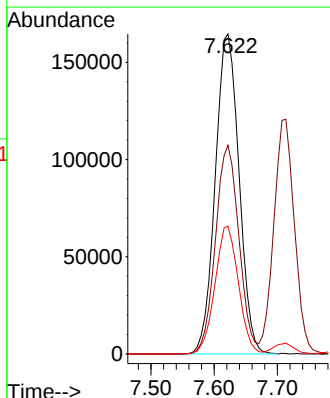
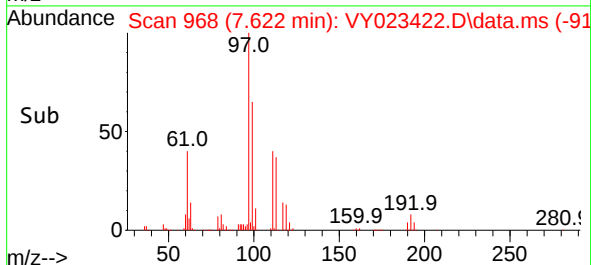
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

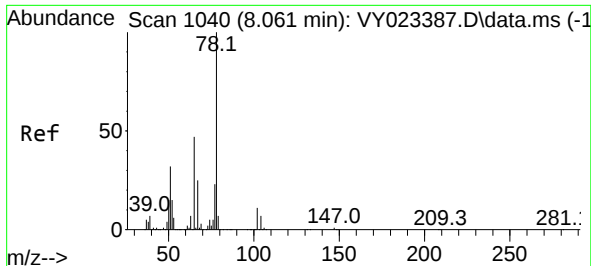


#32
1,1,1-Trichloroethane
Concen: 48.389 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



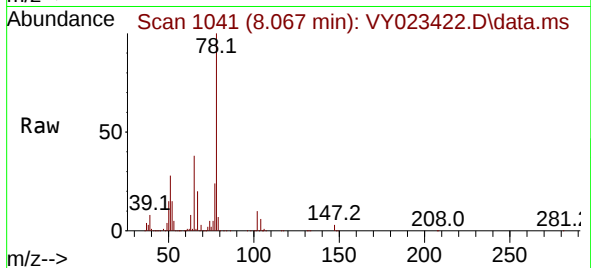
Tgt Ion: 97 Resp: 429797
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 39.5 31.9 47.9





#33
1,2-Dichloroethane-d4
Concen: 45.719 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

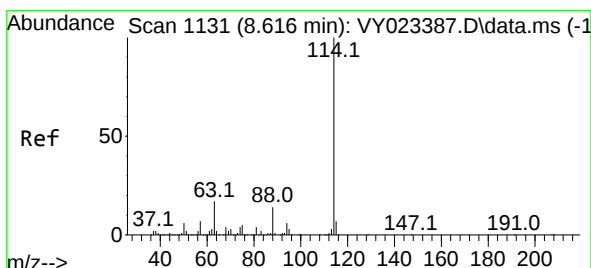
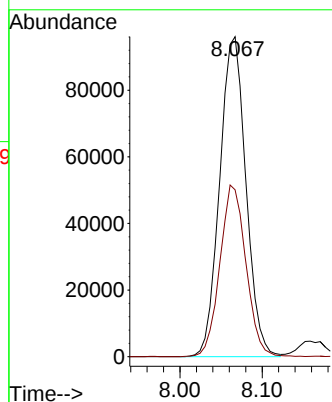
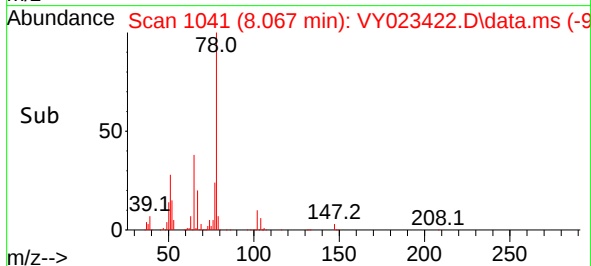
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



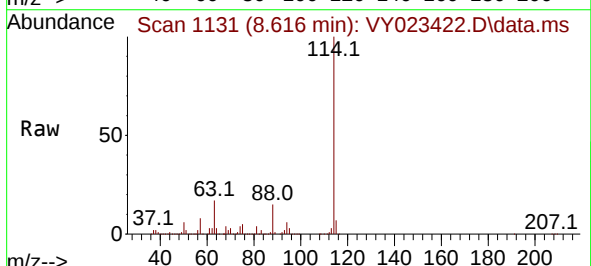
Tgt Ion: 65 Resp: 21351
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8

Manual Integrations
APPROVED

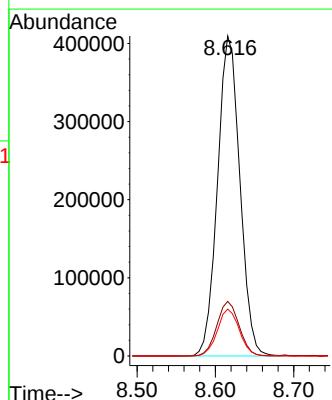
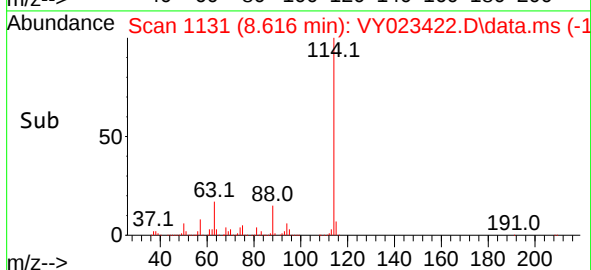
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

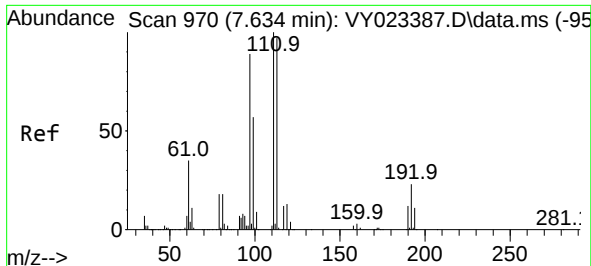


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



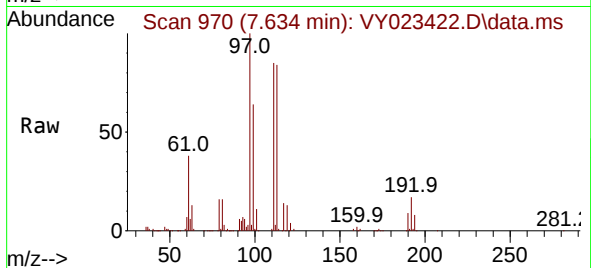
Tgt Ion:114 Resp: 812244
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.2
88 14.7 0.0 28.4





#35
Dibromofluoromethane
Concen: 49.242 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

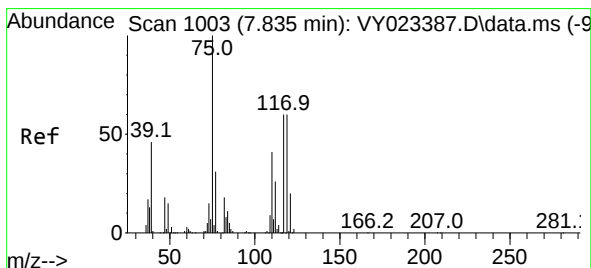
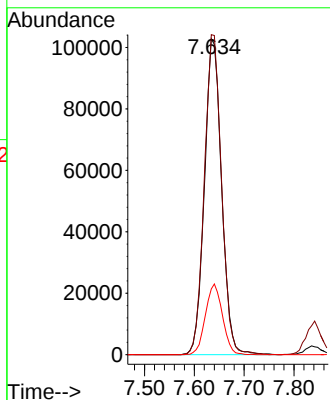
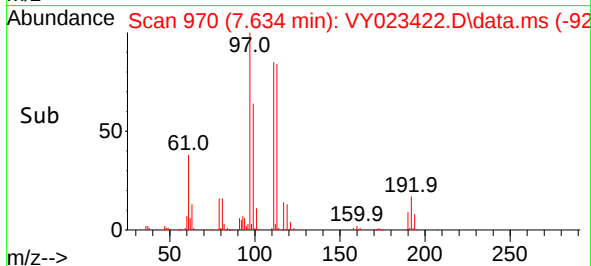
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



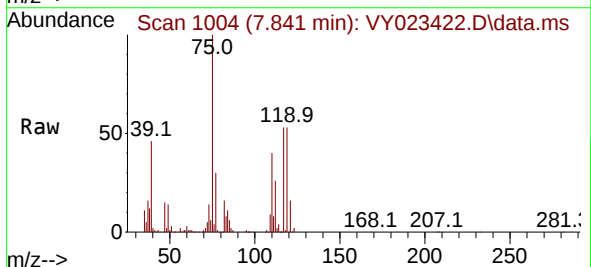
Tgt Ion:113 Resp: 245759
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 22.3 18.0 27.0

Manual Integrations
APPROVED

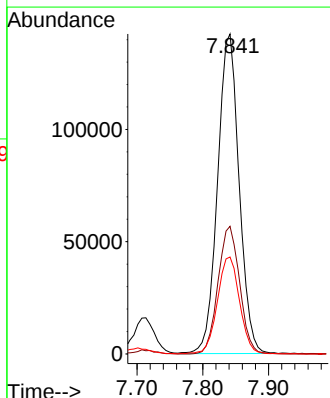
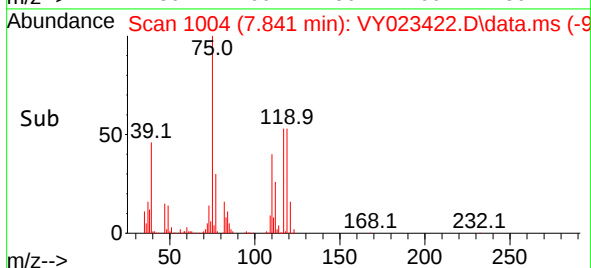
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

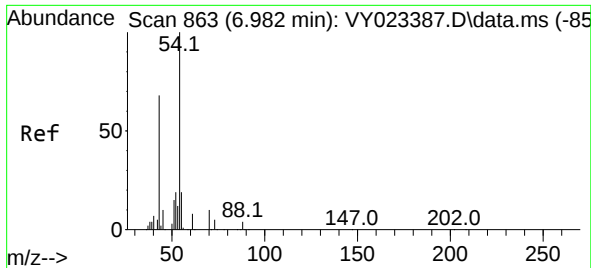


#36
1,1-Dichloropropene
Concen: 49.122 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



Tgt Ion: 75 Resp: 324567
Ion Ratio Lower Upper
75 100
110 40.0 19.9 59.7
77 31.1 25.0 37.6





#37

Ethyl Acetate

Concen: 43.401 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 113609

Ion Ratio Lower Upper

43 100

61 16.0 11.8 17.8

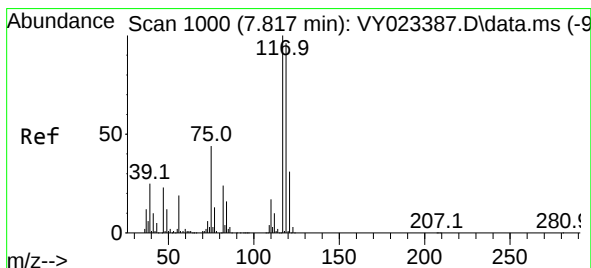
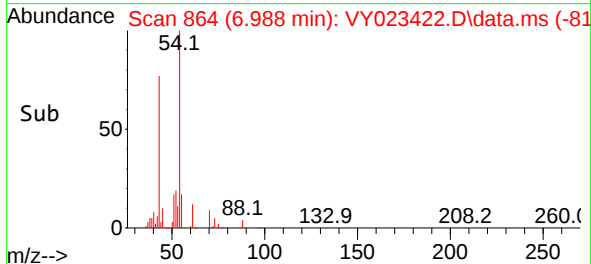
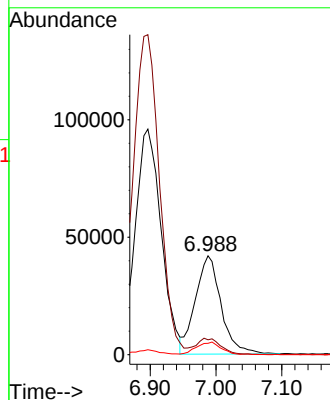
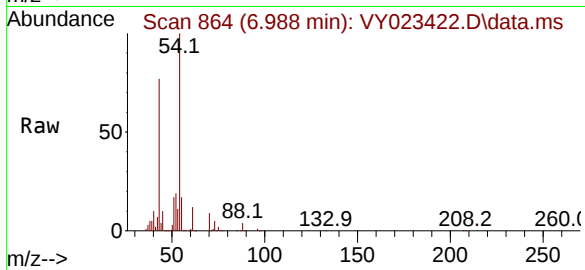
70 11.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#38

Carbon Tetrachloride

Concen: 48.920 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

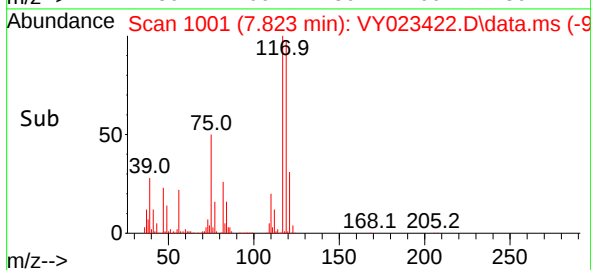
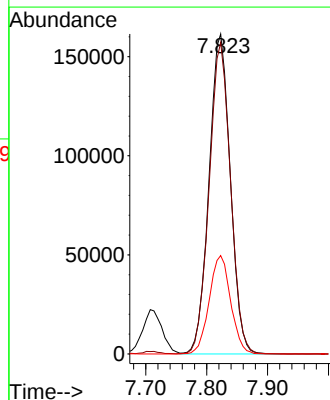
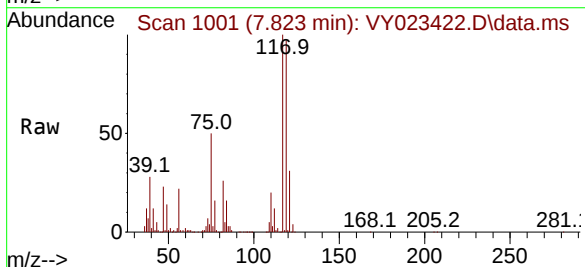
Tgt Ion:117 Resp: 391939

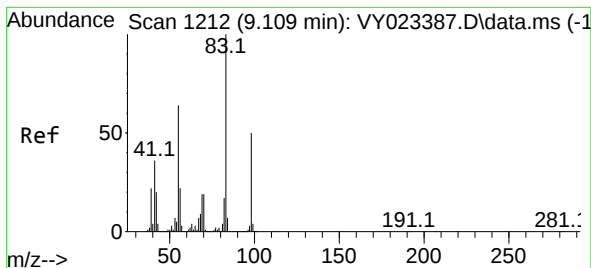
Ion Ratio Lower Upper

117 100

119 97.3 76.8 115.2

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 49.674 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

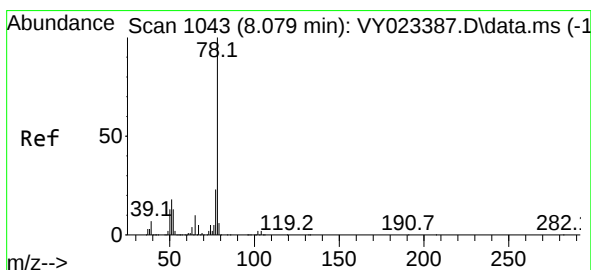
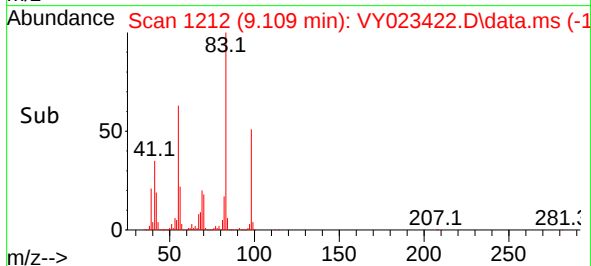
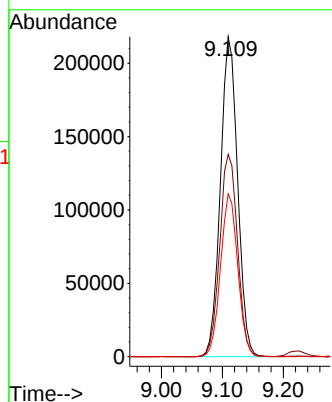
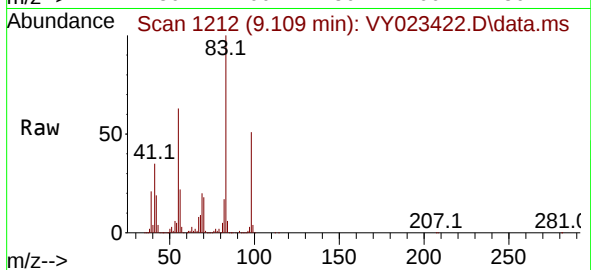
Tgt Ion: 83 Resp: 427345

Ion	Ratio	Lower	Upper
83	100		
55	63.2	51.4	77.2
98	50.9	40.4	60.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 49.072 ug/l

RT: 8.079 min Scan# 1043

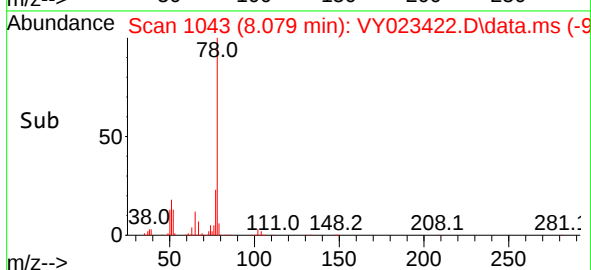
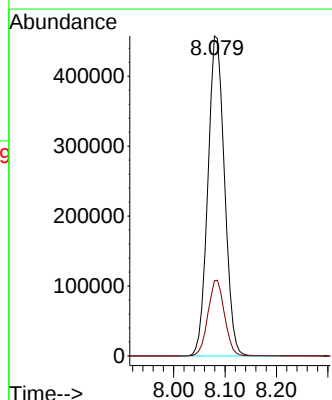
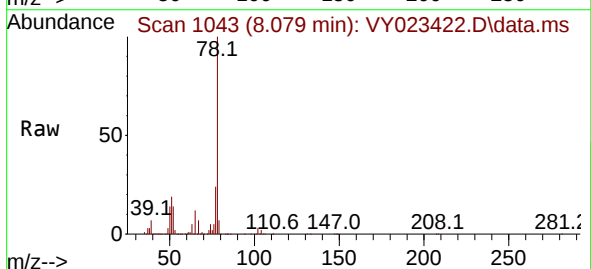
Delta R.T. -0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Tgt Ion: 78 Resp: 1026837

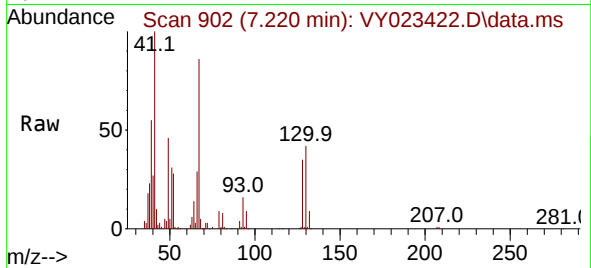
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5





#41
Methacrylonitrile
Concen: 44.031 ug/l
RT: 7.220 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

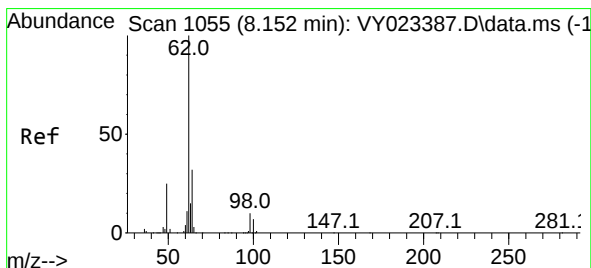
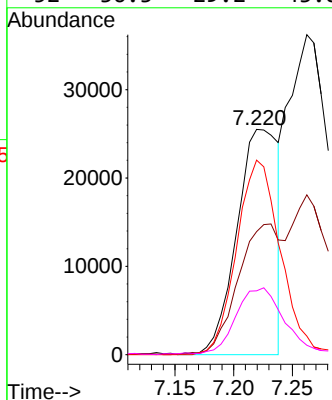
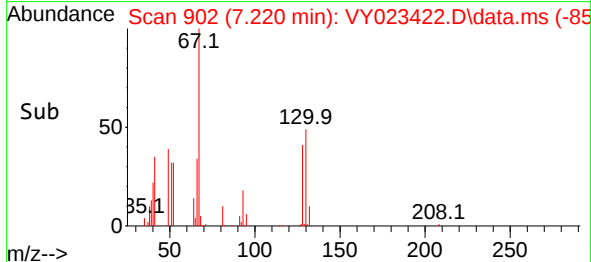
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 62330
Ion Ratio Lower Upper
41 100
39 64.2 52.2 78.4
67 92.6 74.9 112.3
52 36.3 29.2 43.8

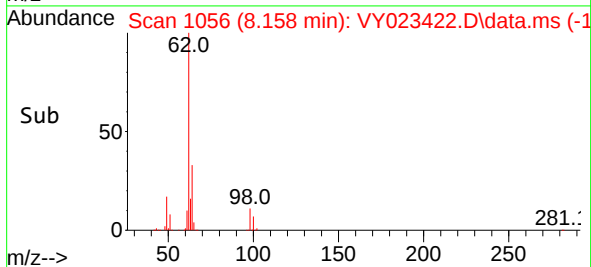
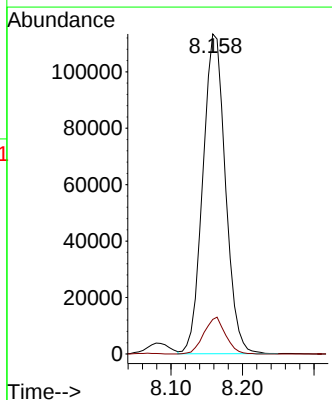
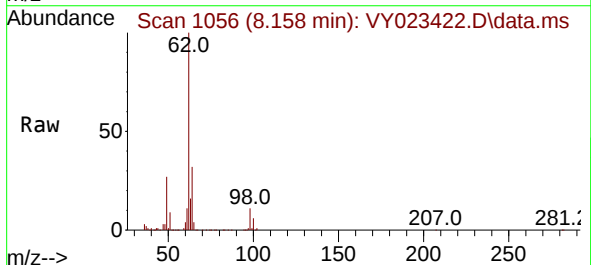
Manual Integrations
APPROVED

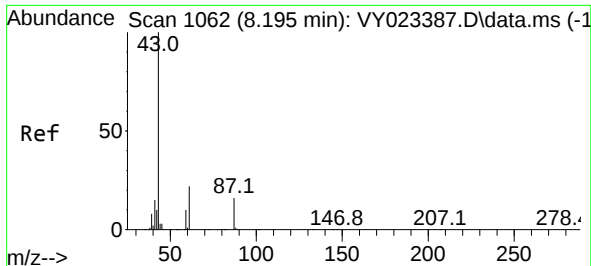
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#42
1,2-Dichloroethane
Concen: 46.197 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

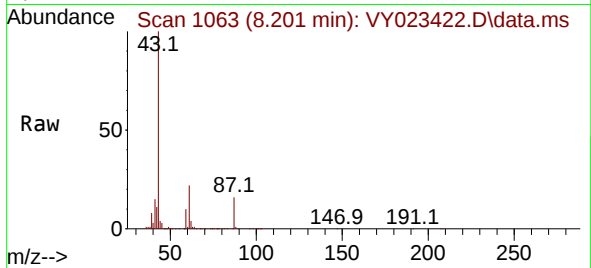
Tgt Ion: 62 Resp: 249305
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.6





#43
Isopropyl Acetate
Concen: 43.388 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

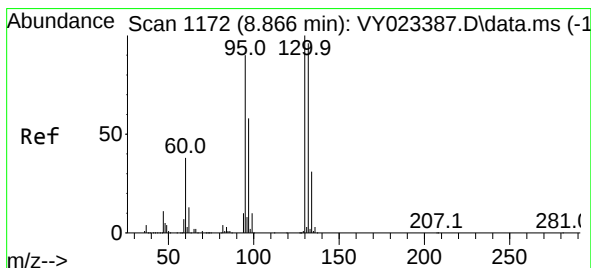
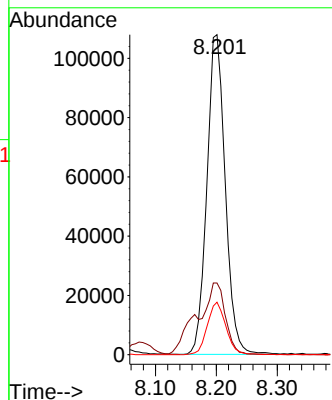
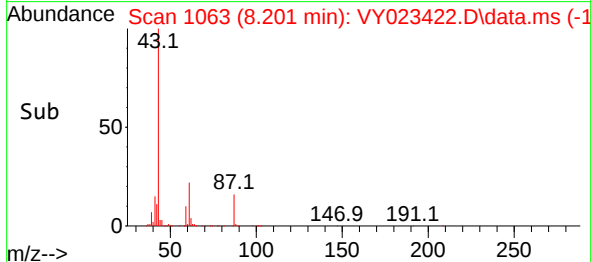
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



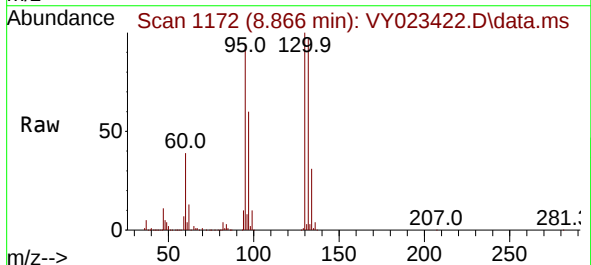
Tgt Ion: 43 Resp: 22647
Ion Ratio Lower Upper
43 100
61 24.1 18.1 27.1
87 16.6 13.5 20.3

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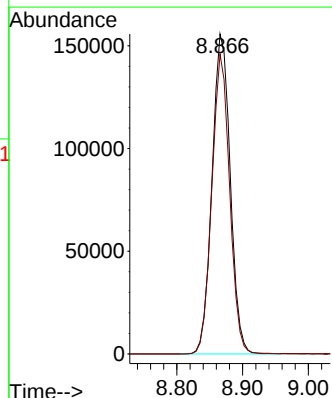
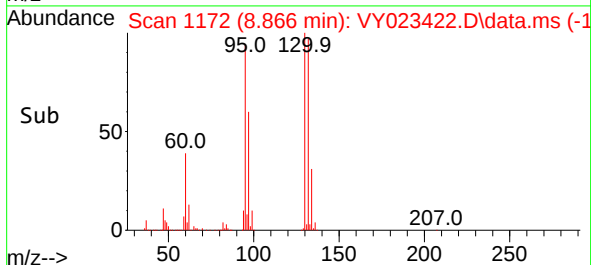
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#44
Trichloroethene
Concen: 49.082 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



Tgt Ion:130 Resp: 300602
Ion Ratio Lower Upper
130 100
95 93.7 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.322 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 227958

Ion Ratio Lower Upper

63 100

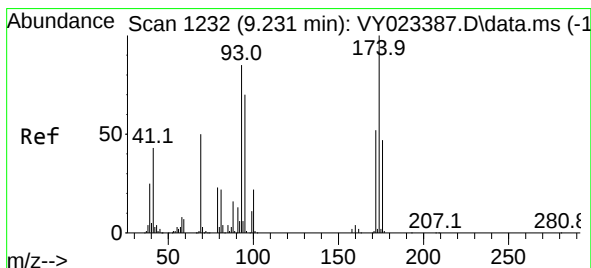
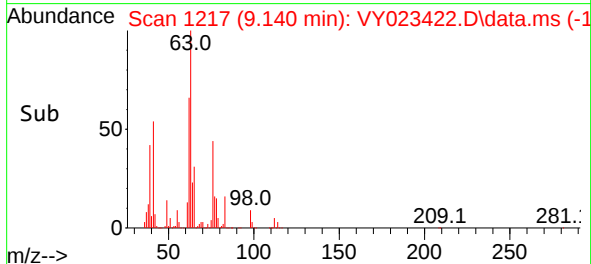
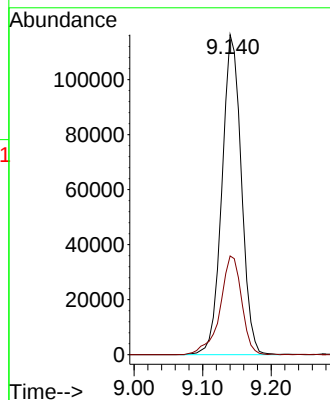
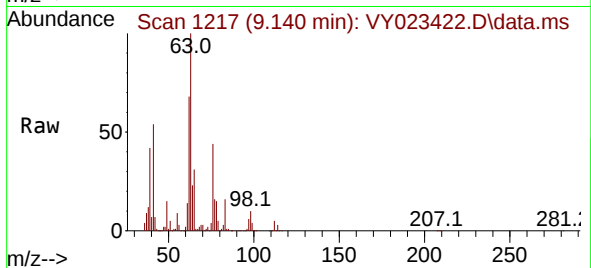
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#46

Dibromomethane

Concen: 47.217 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

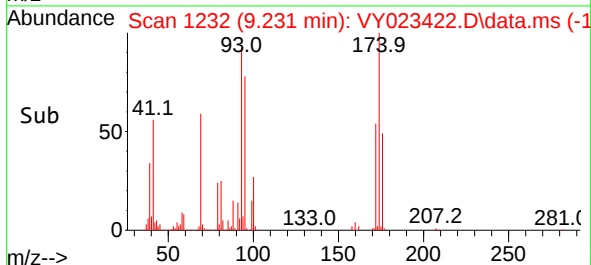
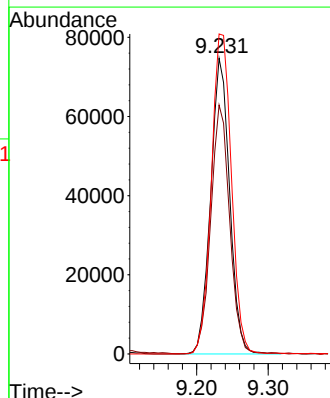
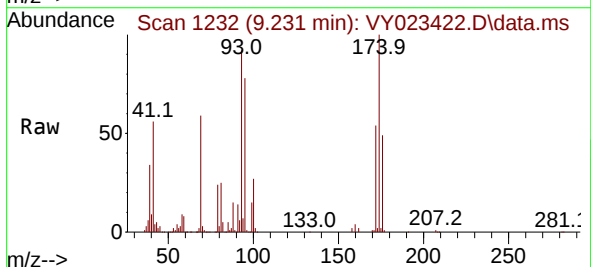
Tgt Ion: 93 Resp: 137993

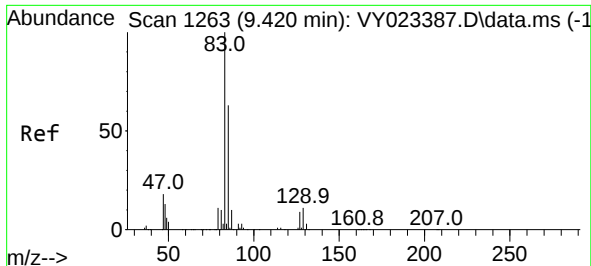
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.0

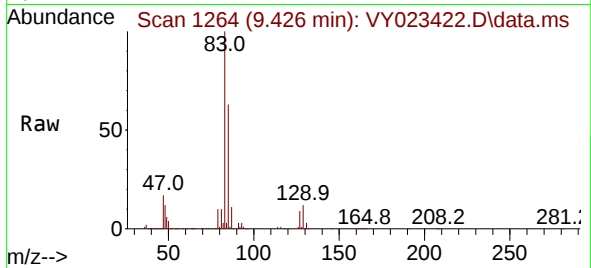
174 114.2 92.9 139.3





#47
Bromodichloromethane
Concen: 48.674 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

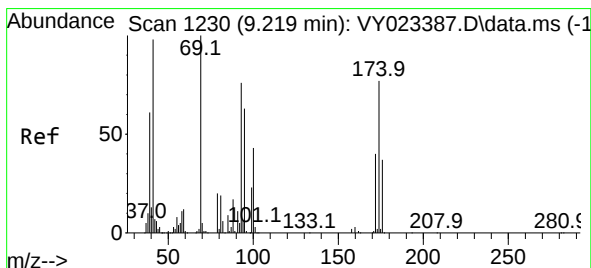
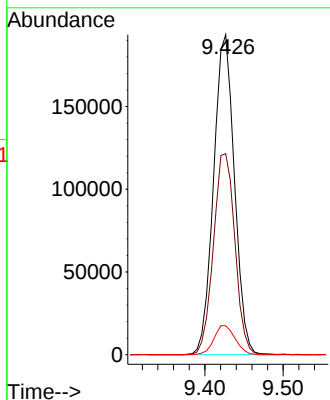
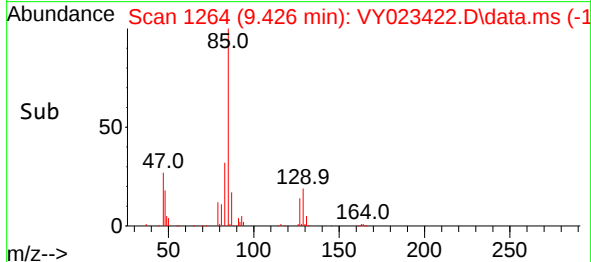
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 358262
Ion Ratio Lower Upper
83 100
85 62.8 50.8 76.2
127 9.1 7.4 11.2

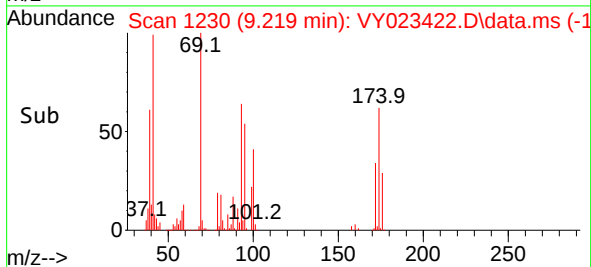
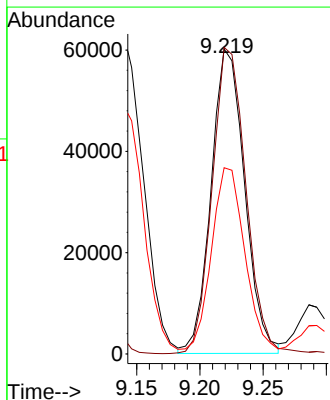
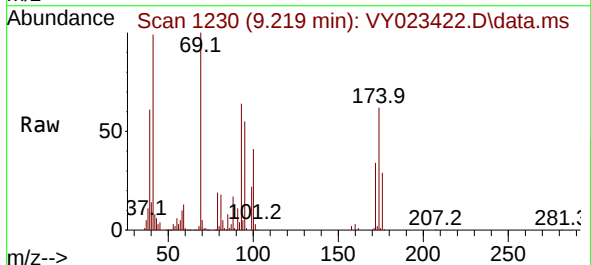
Manual Integrations
APPROVED

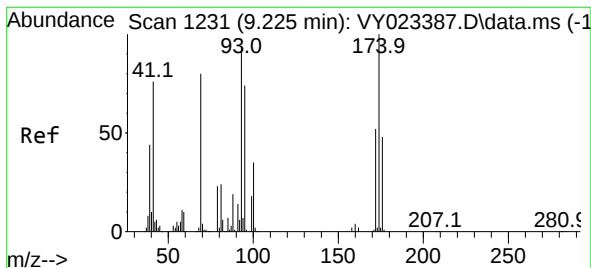
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#48
Methyl methacrylate
Concen: 45.182 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 41 Resp: 110792
Ion Ratio Lower Upper
41 100
69 101.6 81.0 121.4
39 58.7 48.2 72.4





#49

1,4-Dioxane

Concen: 843.926 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

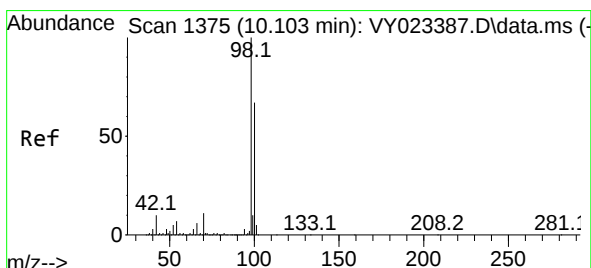
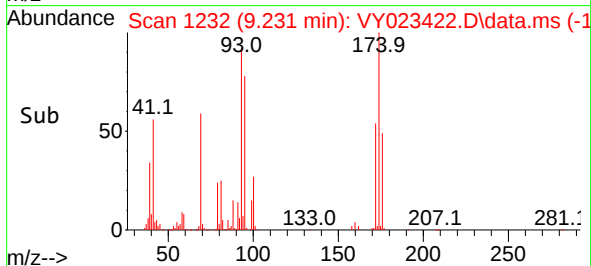
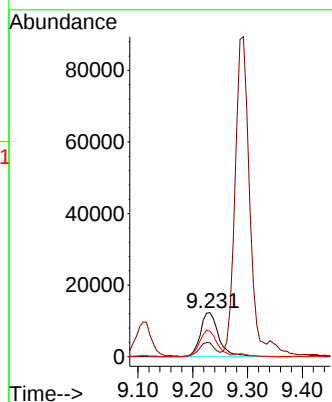
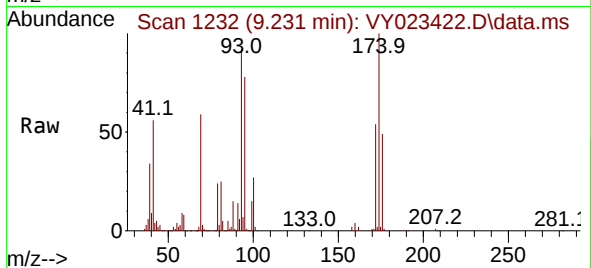
VSTDCCC050EC

Tgt Ion:	88	Resp:	28590
Ion	Ratio	Lower	Upper
88	100		
43	26.9	21.8	32.8
58	58.1	46.8	70.2

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 49.951 ug/l

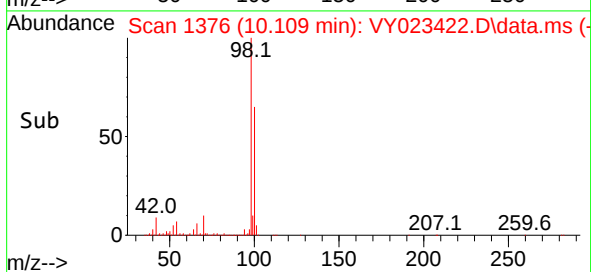
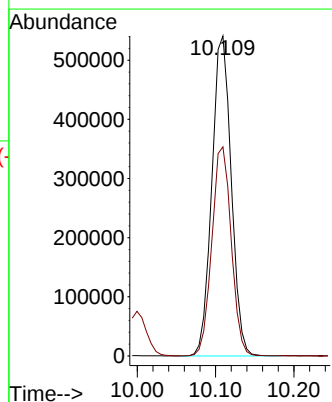
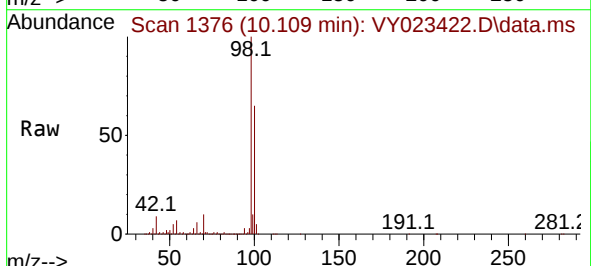
RT: 10.109 min Scan# 1376

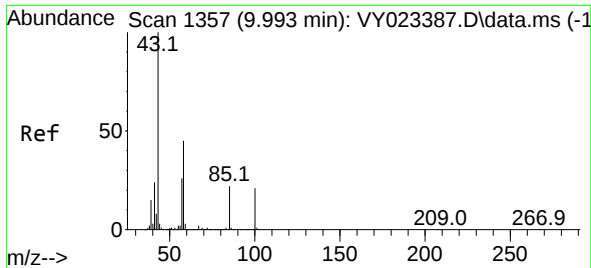
Delta R.T. 0.006 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Tgt Ion:	98	Resp:	928409
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4





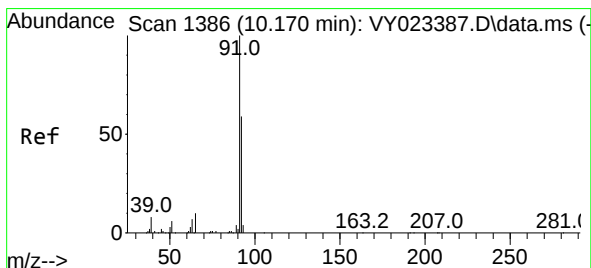
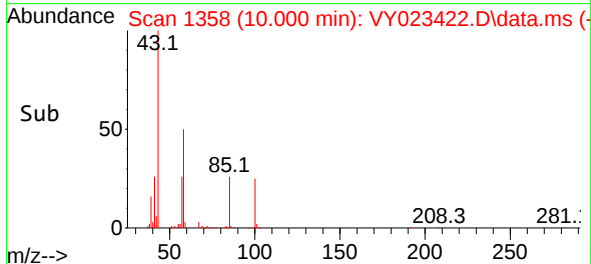
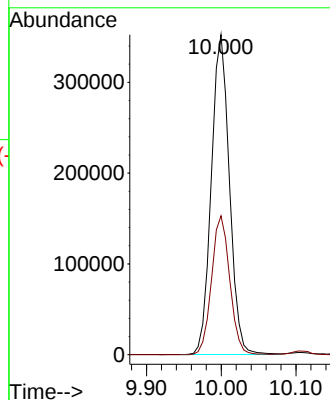
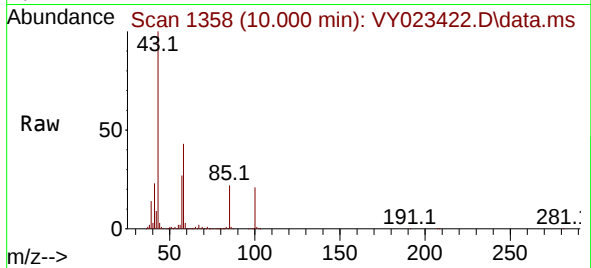
#51
4-Methyl-2-Pentanone
Concen: 220.470 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 594569
Ion Ratio Lower Upper
43 100
58 43.6 35.3 52.9

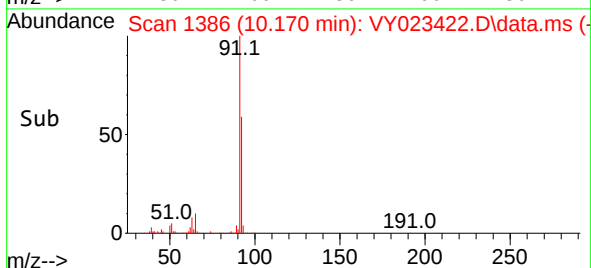
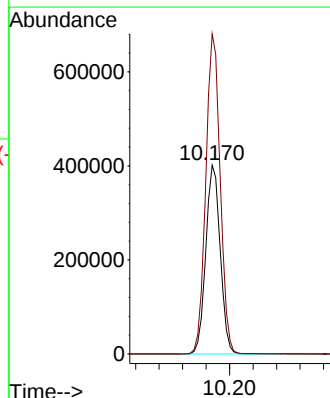
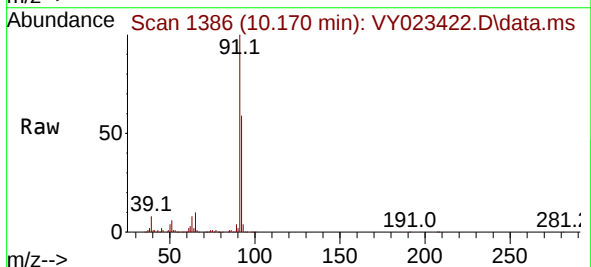
Manual Integrations
APPROVED

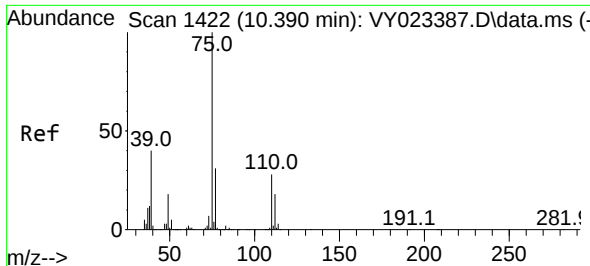
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#52
Toluene
Concen: 50.273 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

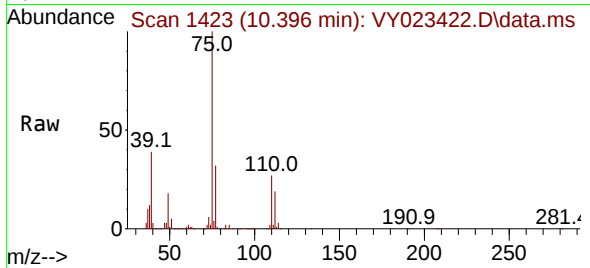
Tgt Ion: 92 Resp: 683023
Ion Ratio Lower Upper
92 100
91 169.3 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 47.331 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

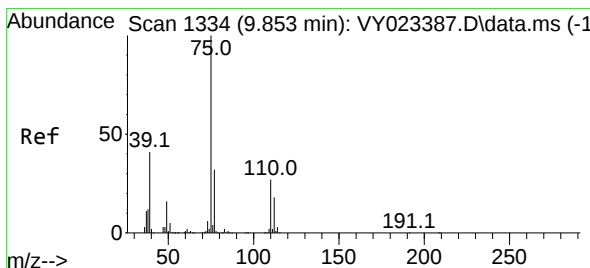
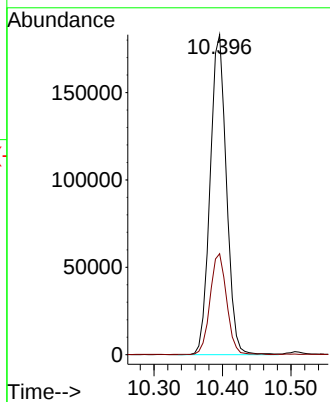
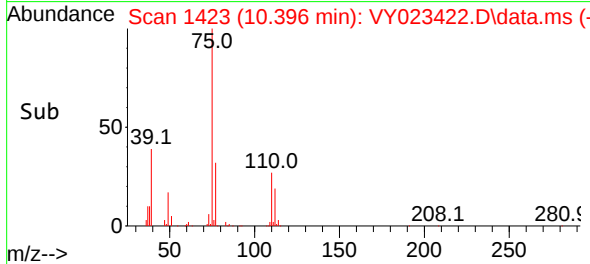
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 30292
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

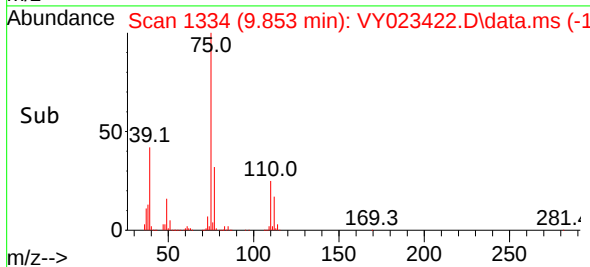
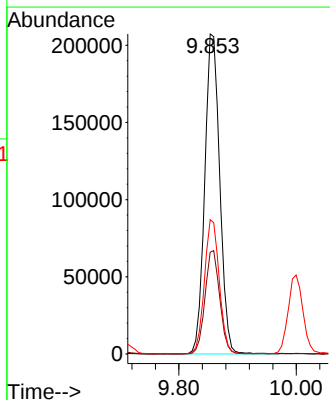
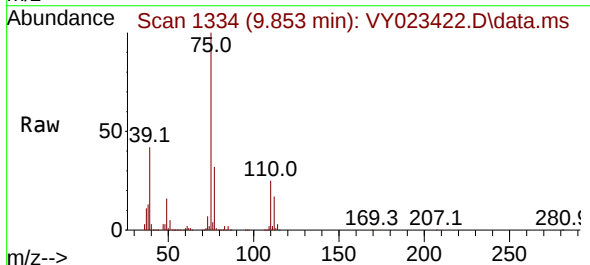
Manual Integrations
APPROVED

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



#54
cis-1,3-Dichloropropene
Concen: 48.750 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

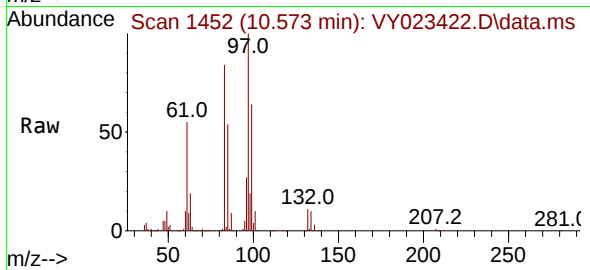
Tgt Ion: 75 Resp: 368237
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 41.9 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 47.092 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

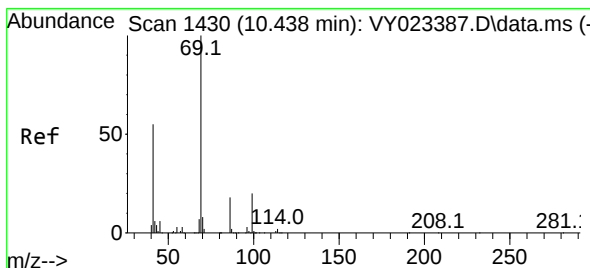
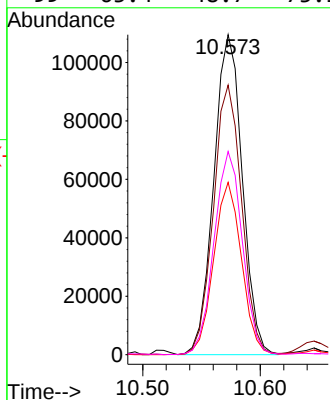
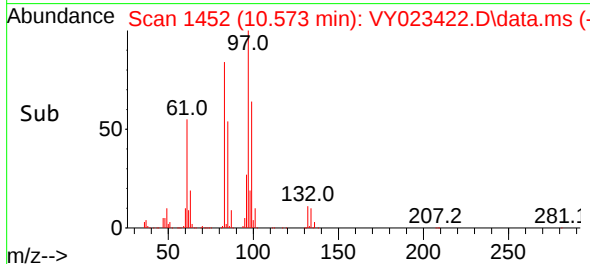
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



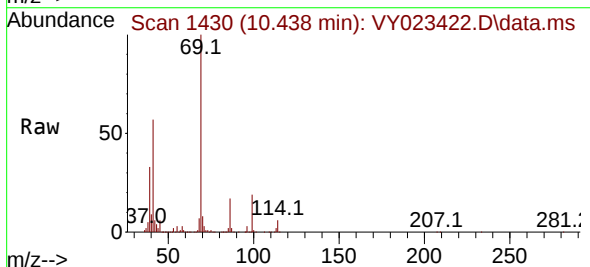
Tgt Ion: 97 Resp: 185073
Ion Ratio Lower Upper
97 100
83 84.2 61.8 92.6
85 53.8 41.3 61.9
99 63.4 48.7 73.1

Manual Integrations
APPROVED

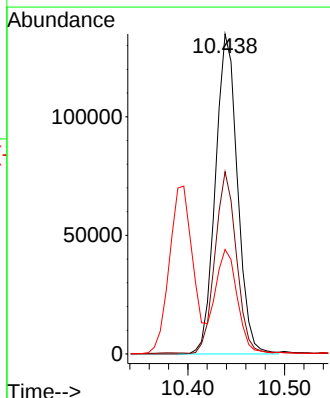
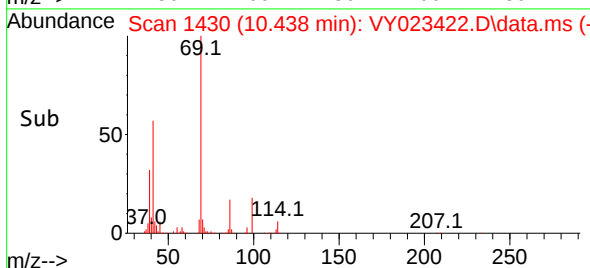
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

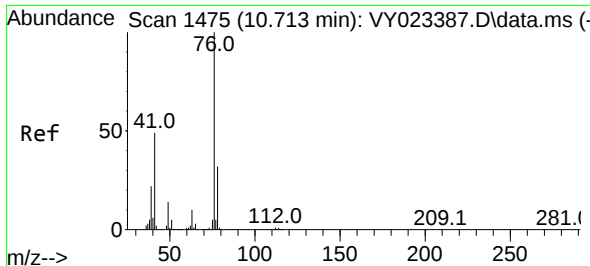


#56
Ethyl methacrylate
Concen: 47.017 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



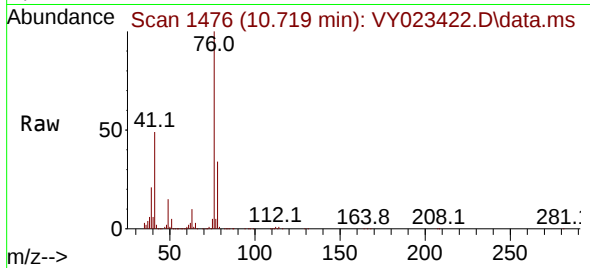
Tgt Ion: 69 Resp: 213144
Ion Ratio Lower Upper
69 100
41 55.0 44.6 67.0
39 31.7 27.0 40.4





#57
1,3-Dichloropropane
Concen: 47.207 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

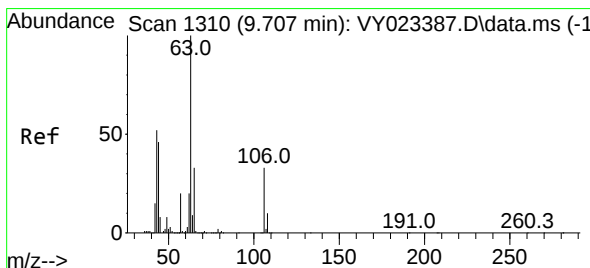
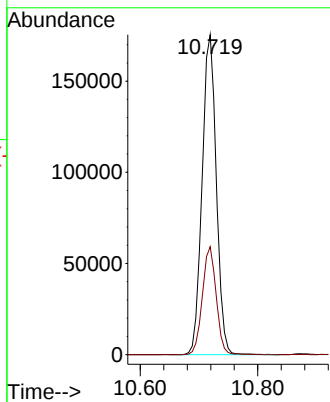
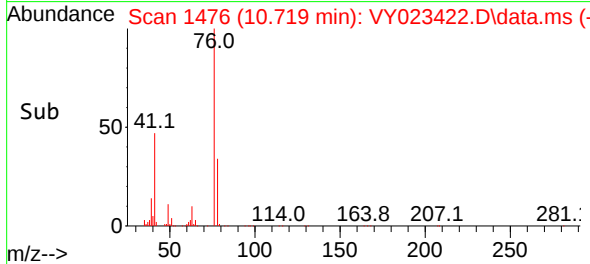
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 29398
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

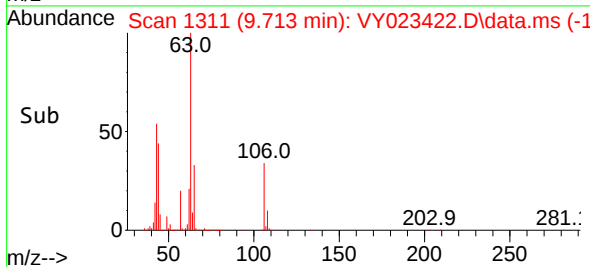
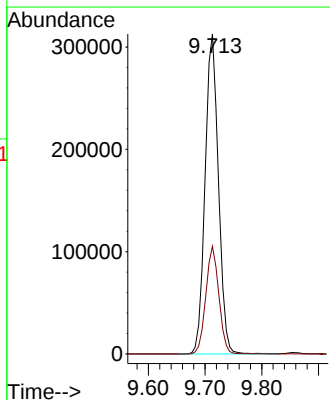
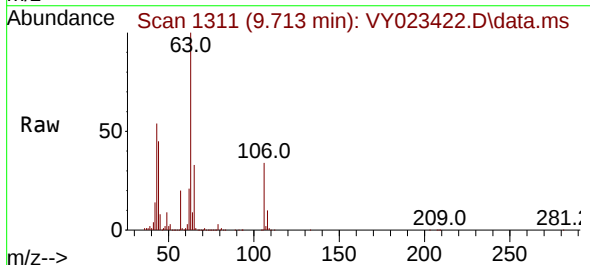
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 251.447 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

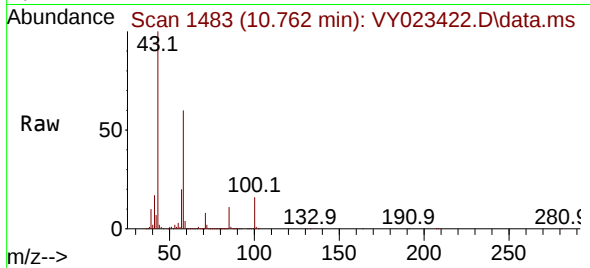
Tgt Ion: 63 Resp: 510647
Ion Ratio Lower Upper
63 100
106 32.8 26.6 39.8





#59
2-Hexanone
Concen: 210.702 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

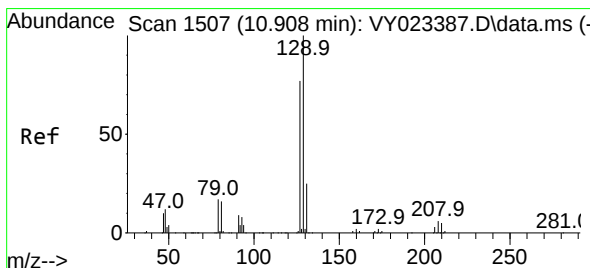
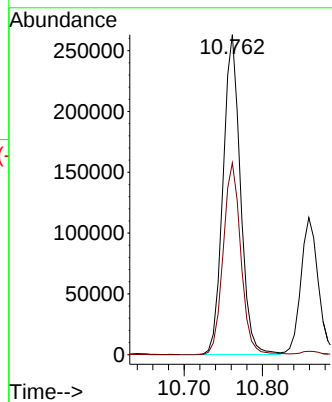
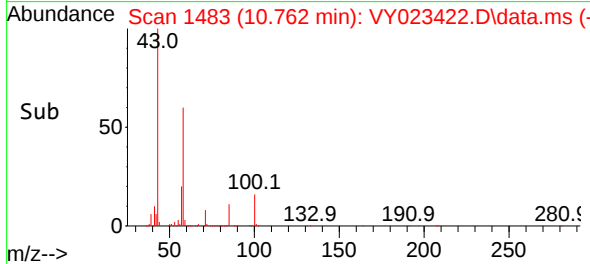
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 406079
Ion Ratio Lower Upper
43 100
58 60.9 30.5 91.5

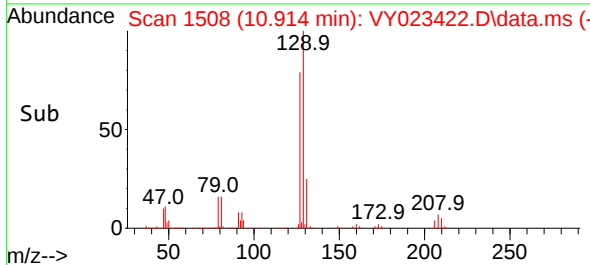
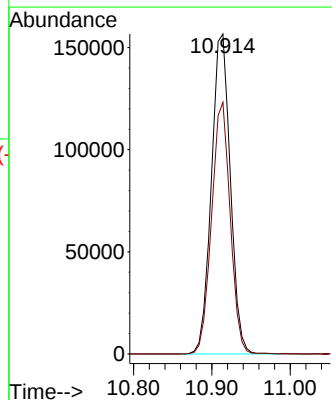
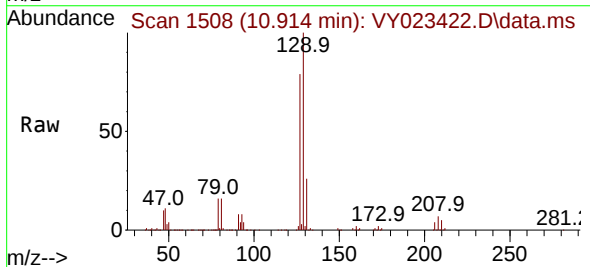
Manual Integrations
APPROVED

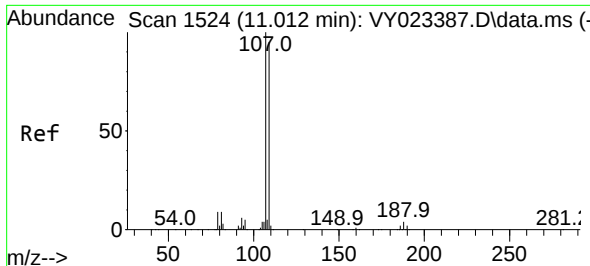
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#60
Dibromochloromethane
Concen: 47.665 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

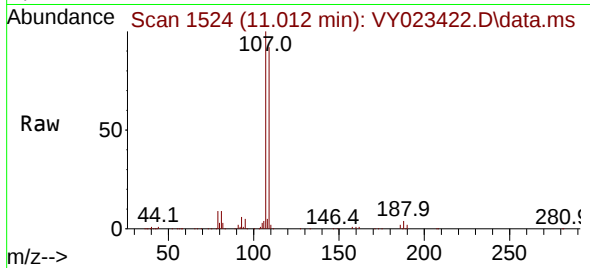
Tgt Ion:129 Resp: 262634
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 46.865 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

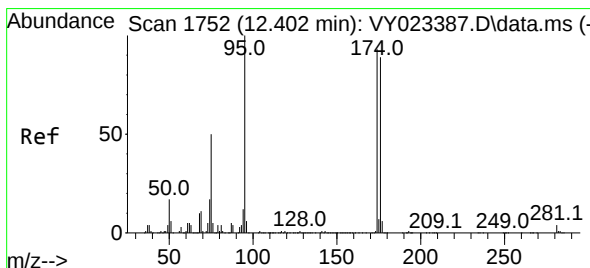
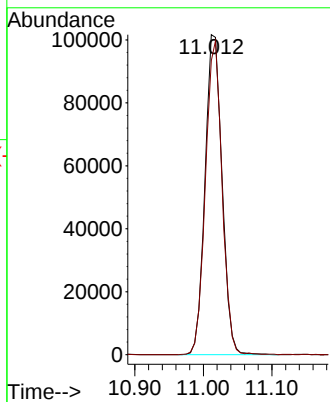
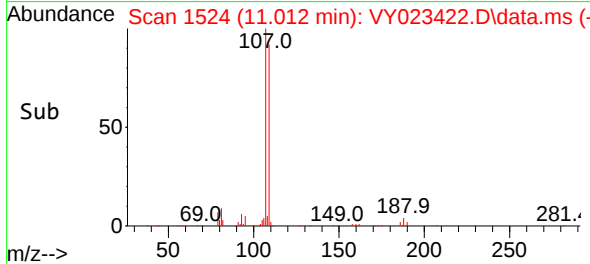
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



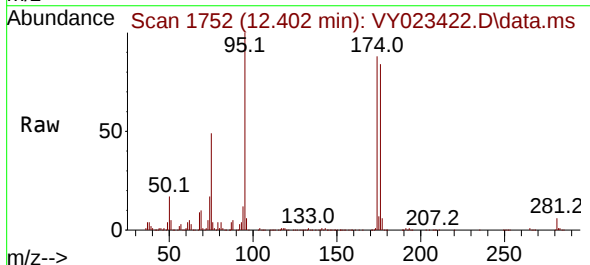
Tgt Ion:107 Resp: 175654
Ion Ratio Lower Upper
107 100
109 95.8 76.1 114.1

Manual Integrations
APPROVED

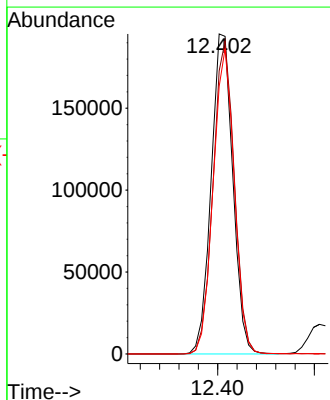
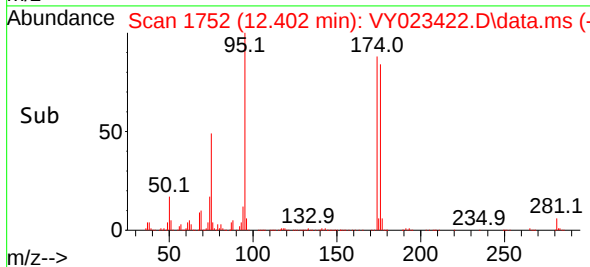
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

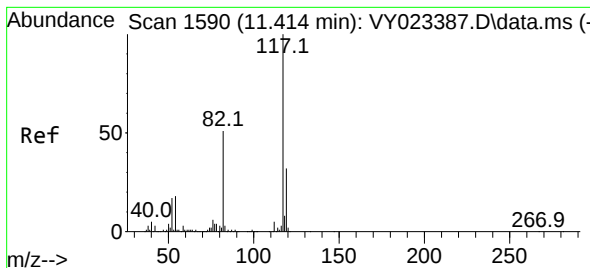


#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



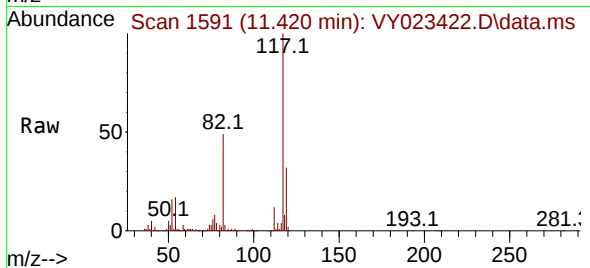
Tgt Ion: 95 Resp: 303932
Ion Ratio Lower Upper
95 100
174 95.8 0.0 192.8
176 92.7 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

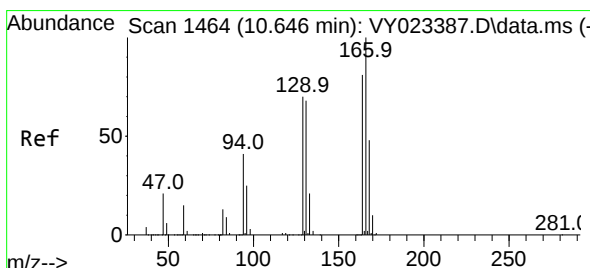
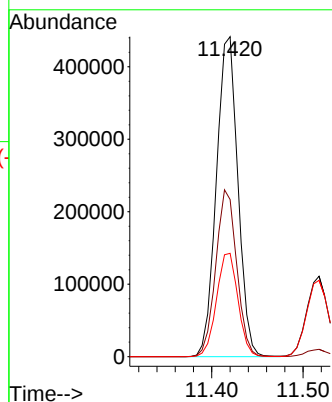
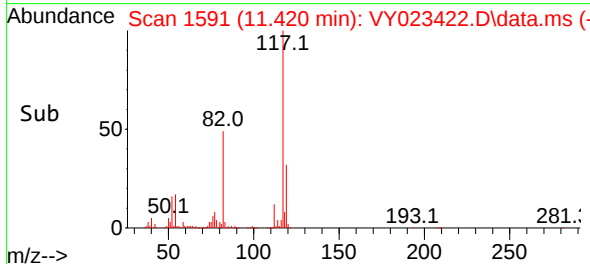
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 722640
Ion Ratio Lower Upper
117 100
82 49.1 41.0 61.4
119 32.3 25.6 38.4

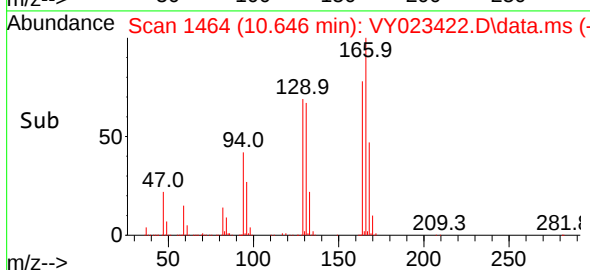
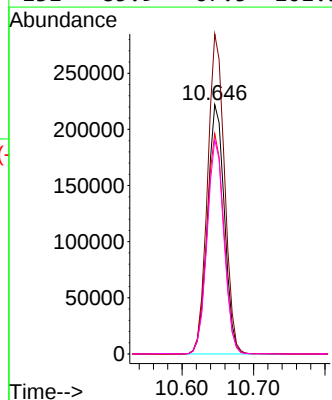
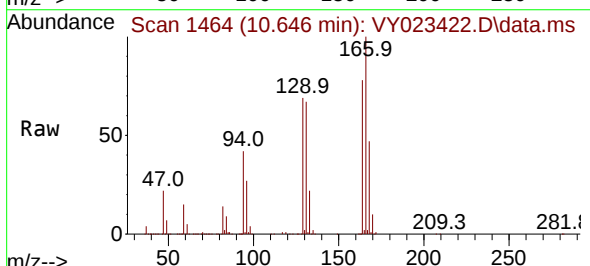
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 49.153 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

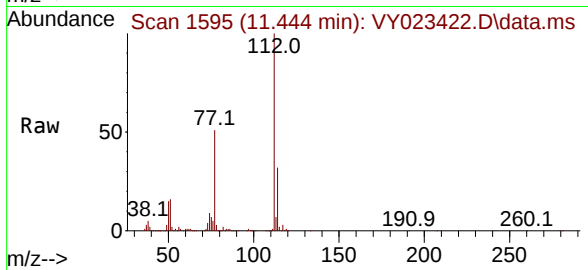
Tgt Ion:164 Resp: 366764
Ion Ratio Lower Upper
164 100
166 128.3 99.4 149.0
129 88.3 69.4 104.2
131 85.9 67.5 101.3





#65
Chlorobenzene
Concen: 48.282 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

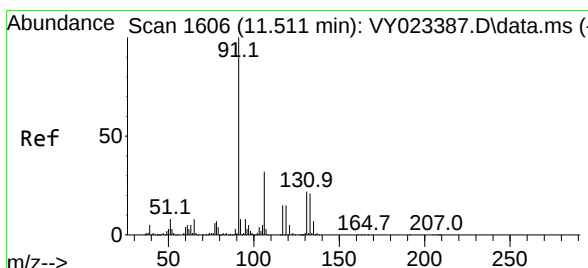
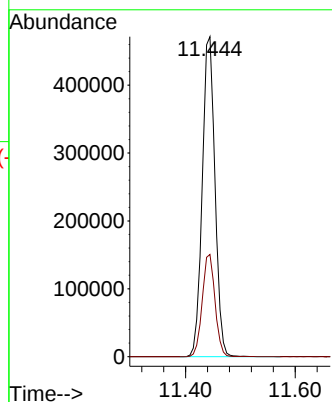
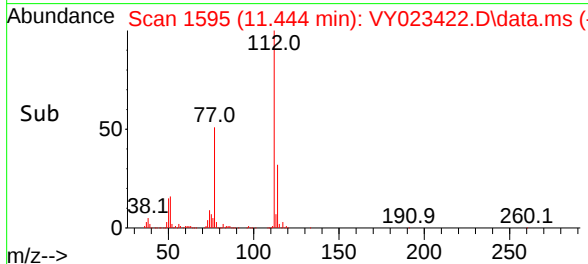
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



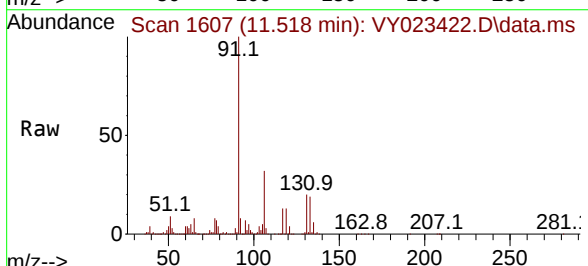
Tgt Ion:112 Resp: 758854
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

Manual Integrations
APPROVED

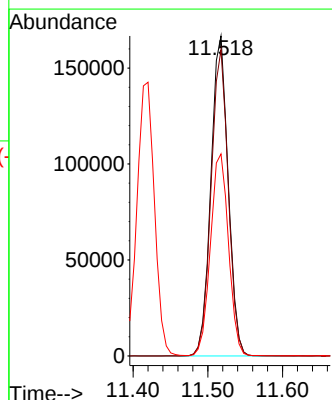
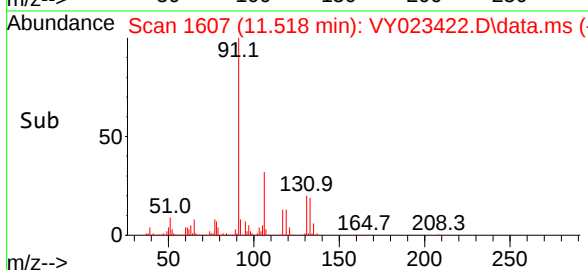
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

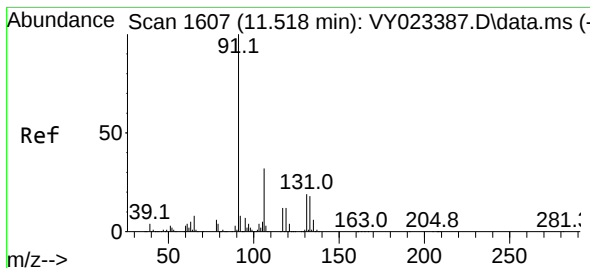


#66
1,1,1,2-Tetrachloroethane
Concen: 47.927 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



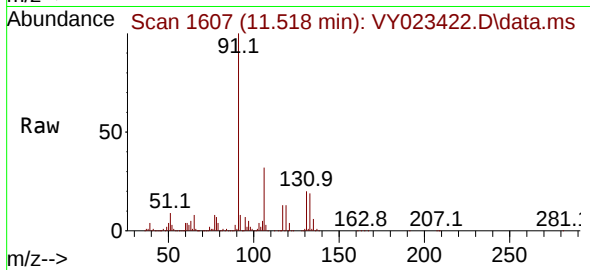
Tgt Ion:131 Resp: 268436
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.2
119 66.0 32.4 97.2





#67
Ethyl Benzene
Concen: 50.188 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

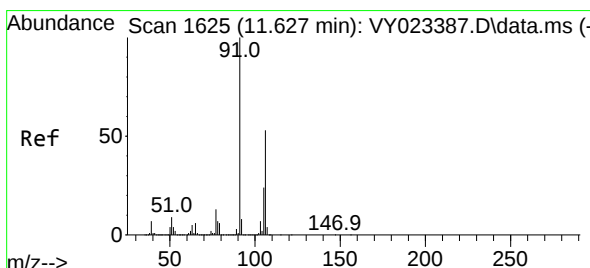
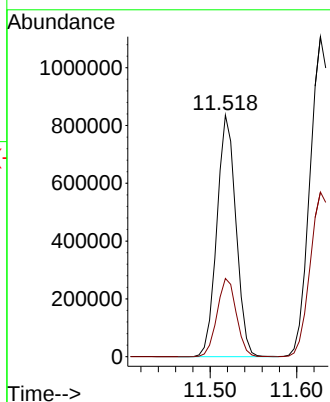
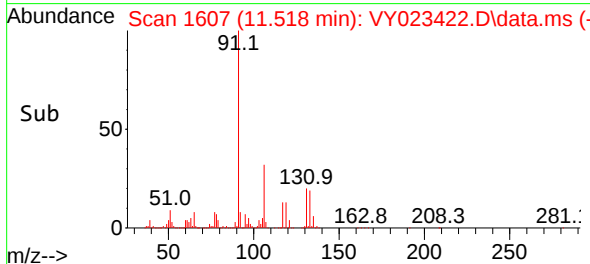
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



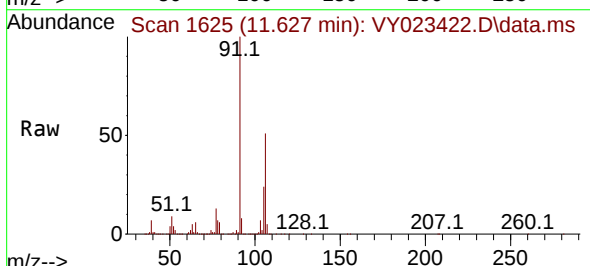
Tgt Ion: 91 Resp: 1276859
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

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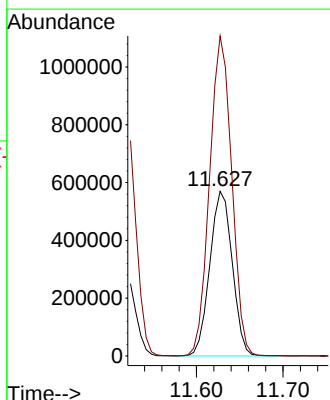
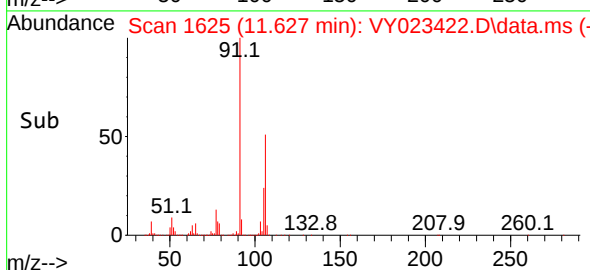
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

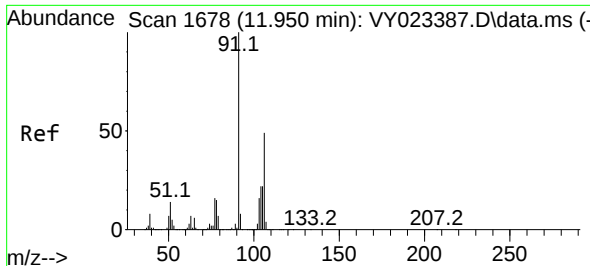


#68
m/p-Xylenes
Concen: 100.479 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



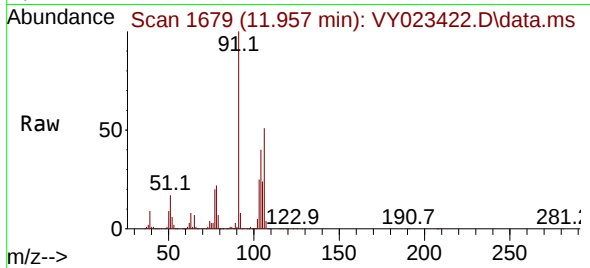
Tgt Ion:106 Resp: 1025329
Ion Ratio Lower Upper
106 100
91 191.9 152.6 229.0





#69
o-Xylene
Concen: 50.416 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

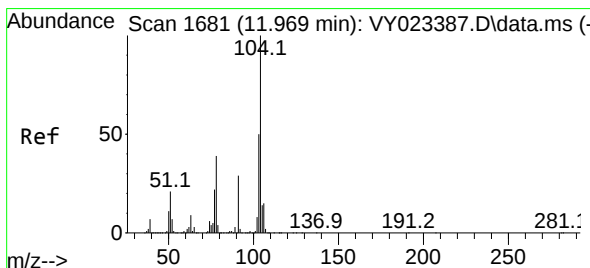
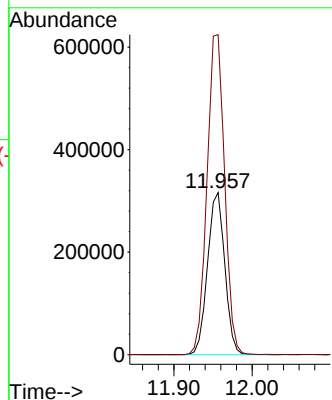
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 48255
Ion Ratio Lower Upper
106 100
91 201.4 101.4 304.1

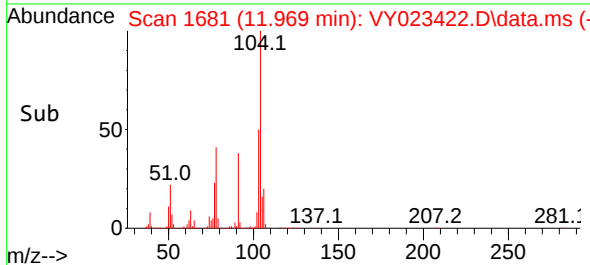
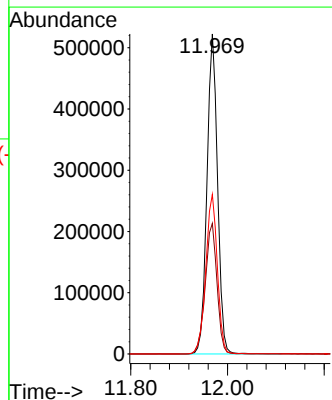
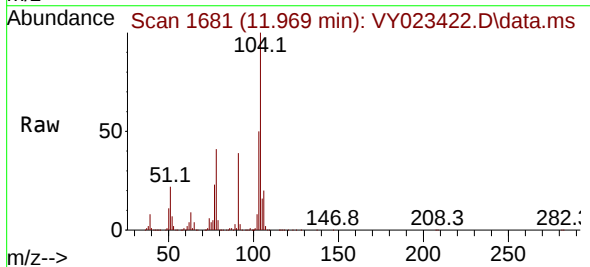
Manual Integrations
APPROVED

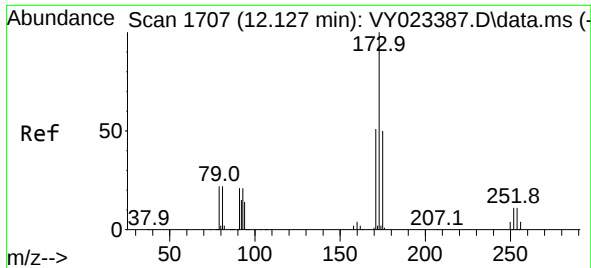
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#70
Styrene
Concen: 50.532 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

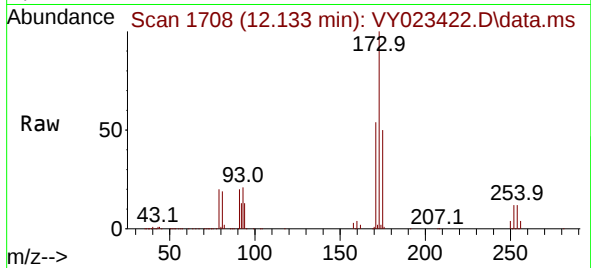
Tgt Ion:104 Resp: 795370
Ion Ratio Lower Upper
104 100
78 45.3 36.1 54.1
103 54.5 43.2 64.8





#71
Bromoform
Concen: 44.741 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

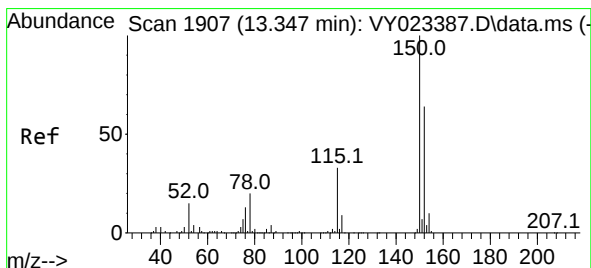
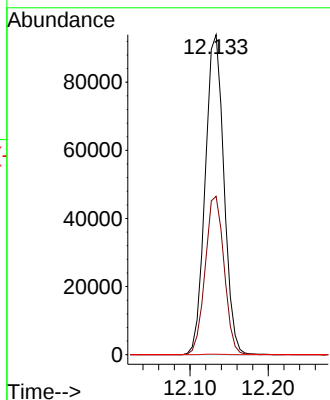
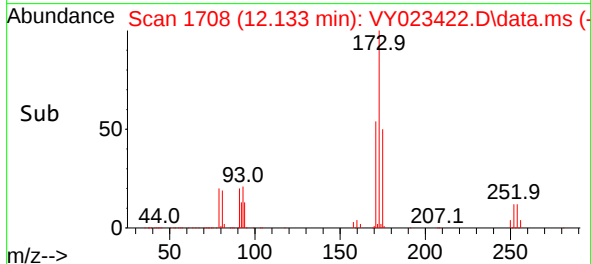
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



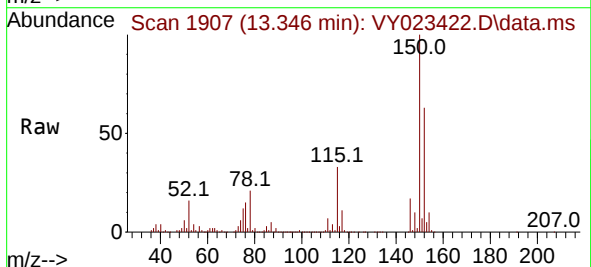
Tgt Ion:173 Resp: 155440
Ion Ratio Lower Upper
173 100
175 50.2 24.8 74.3
254 0.2 0.1 0.1

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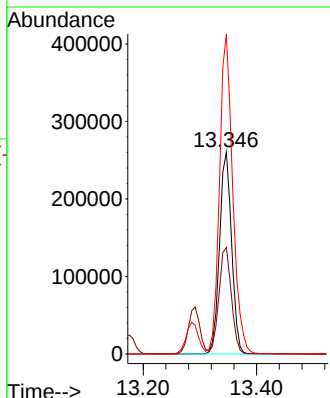
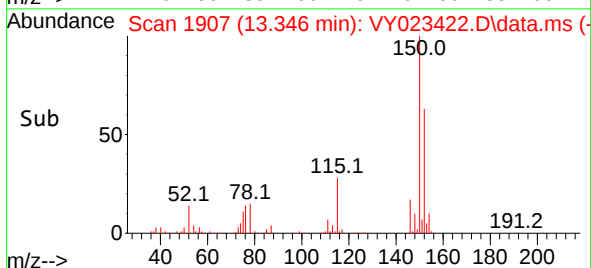
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

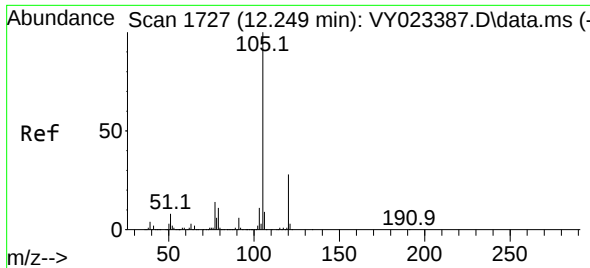


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



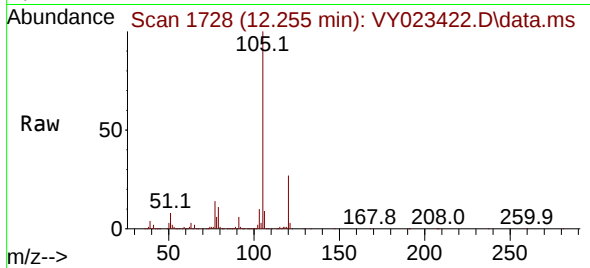
Tgt Ion:152 Resp: 385676
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 172.8 0.0 347.4





#73
Isopropylbenzene
Concen: 49.374 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

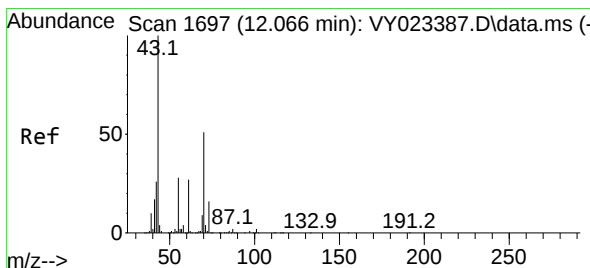
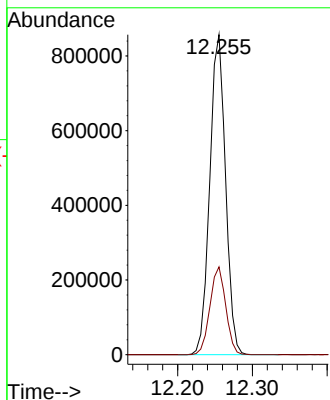
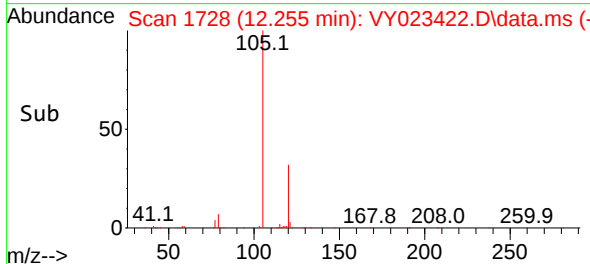
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1254928
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7

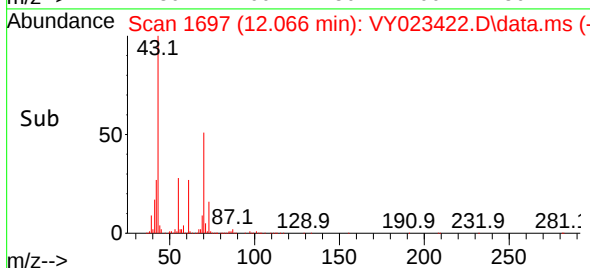
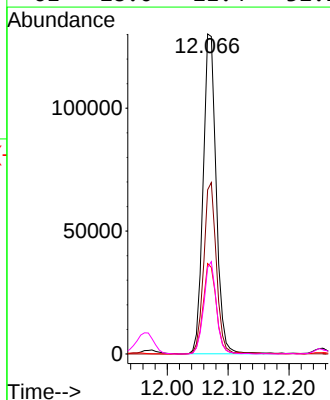
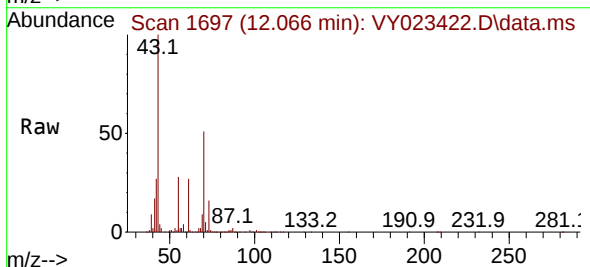
Manual Integrations
APPROVED

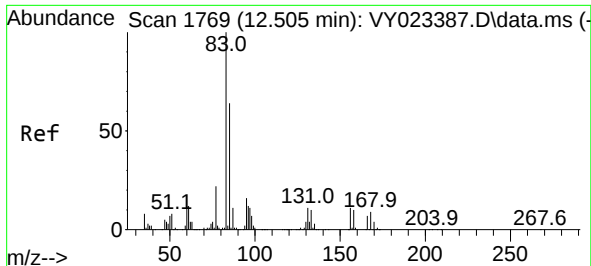
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#74
N-ethyl acetate
Concen: 42.418 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

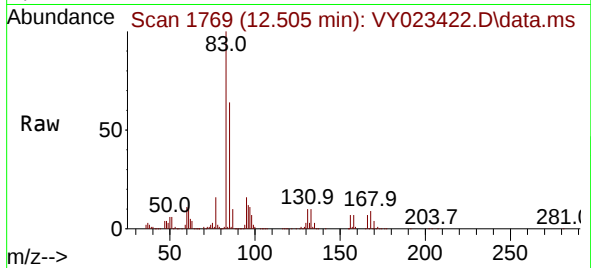
Tgt Ion: 43 Resp: 193646
Ion Ratio Lower Upper
43 100
70 52.5 41.1 61.7
55 29.0 23.0 34.6
61 28.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.690 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

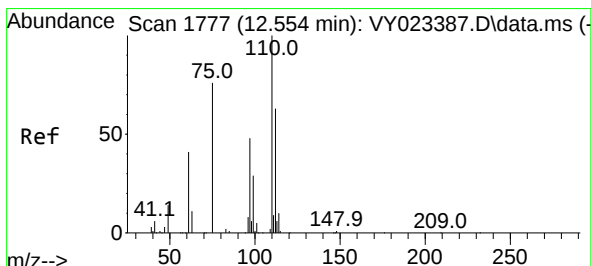
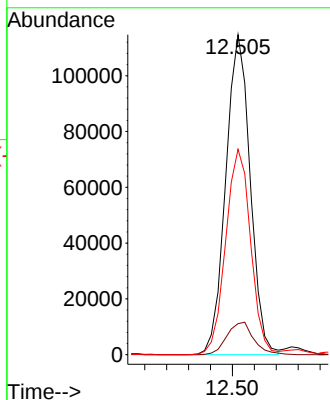
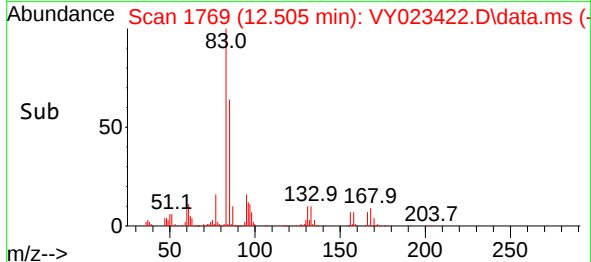
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 177460
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.6
85 65.5 31.8 95.3

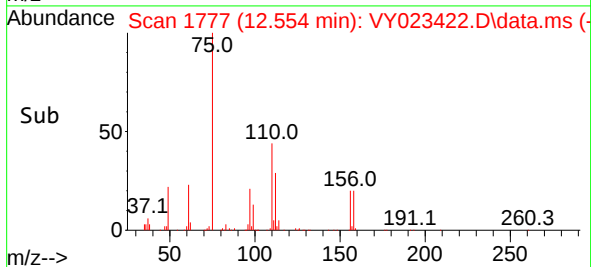
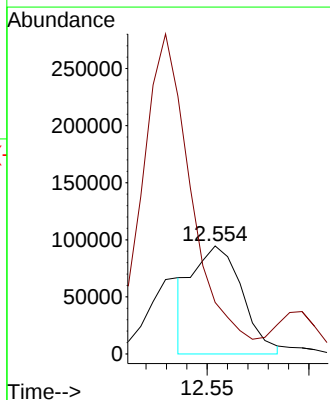
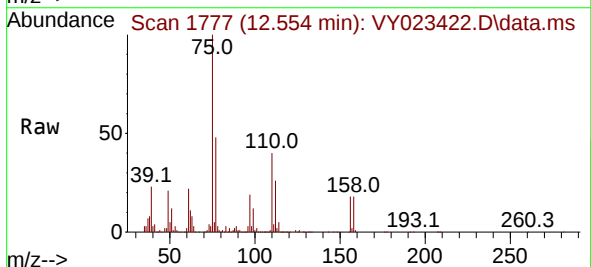
Manual Integrations
APPROVED

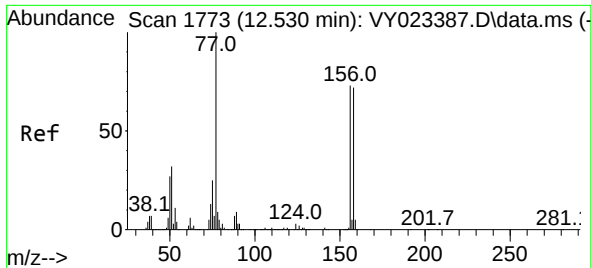
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#76
1,2,3-Trichloropropane
Concen: 46.932 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

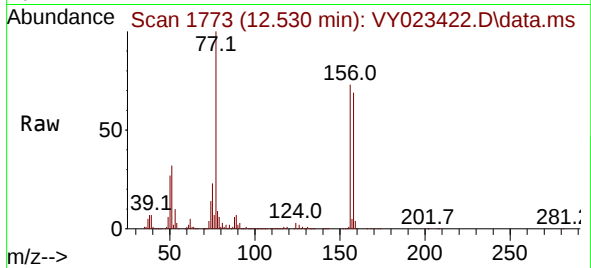
Tgt Ion: 75 Resp: 159694
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.310 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

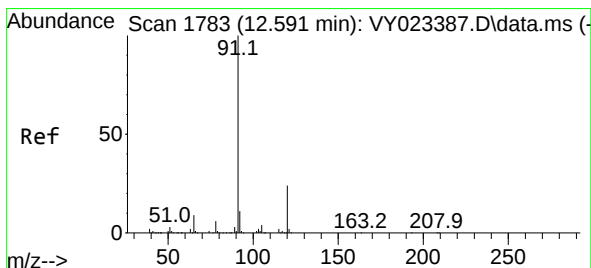
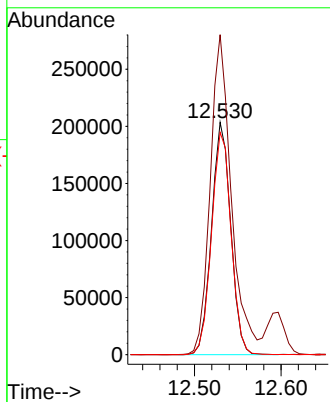
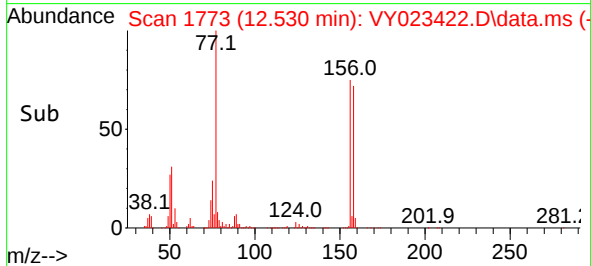
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 312920
Ion Ratio Lower Upper
156 100
77 151.5 76.8 230.5
158 97.8 49.0 147.2

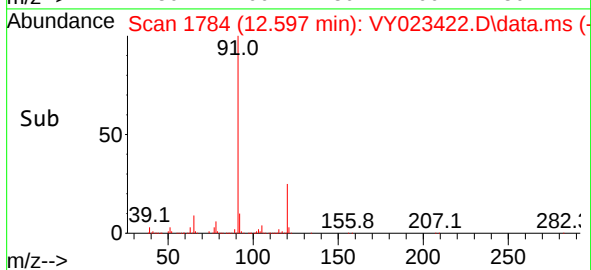
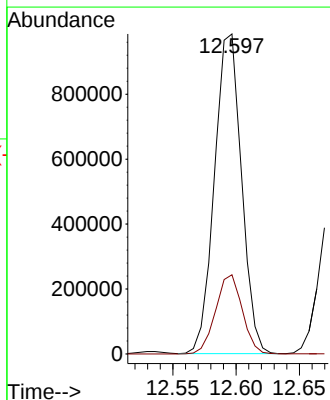
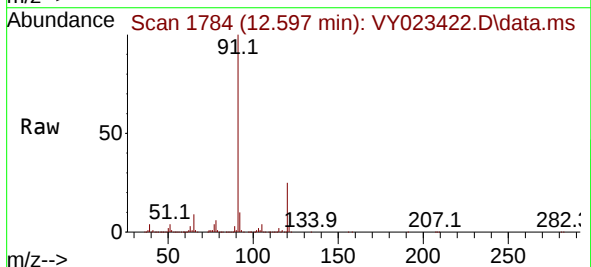
Manual Integrations
APPROVED

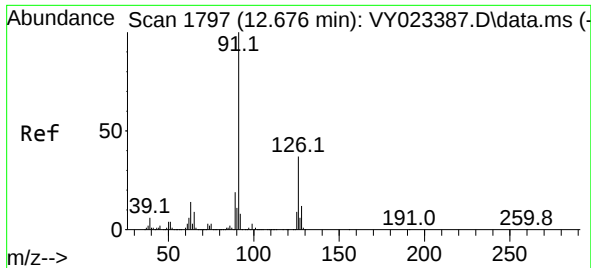
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#78
n-propylbenzene
Concen: 49.807 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 91 Resp: 1464938
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8





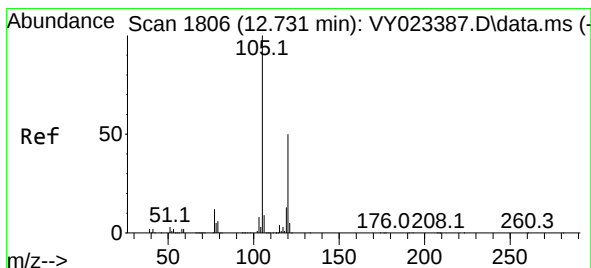
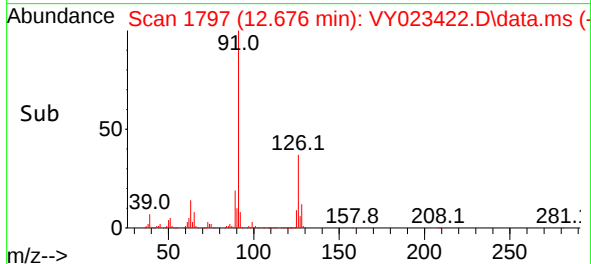
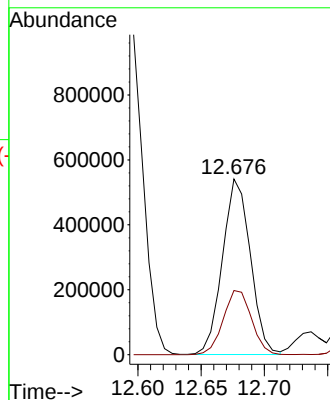
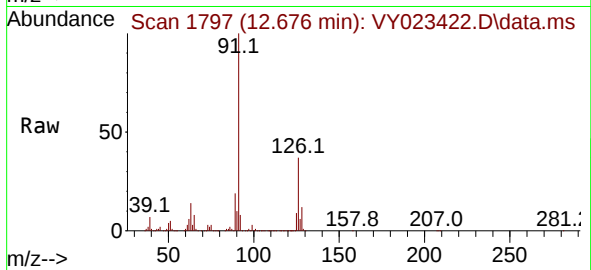
#79
2-Chlorotoluene
Concen: 48.179 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 82981
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5

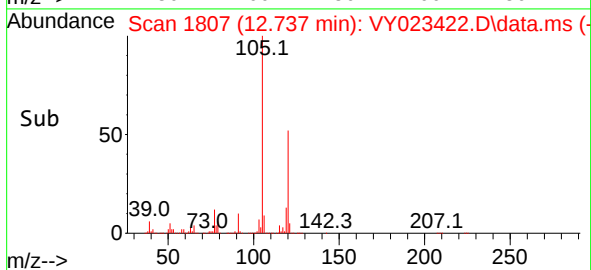
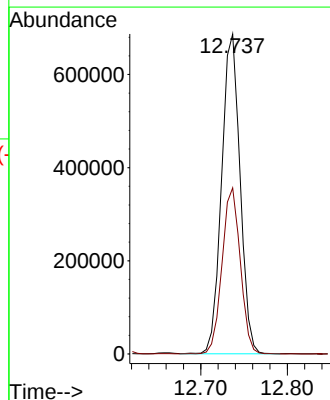
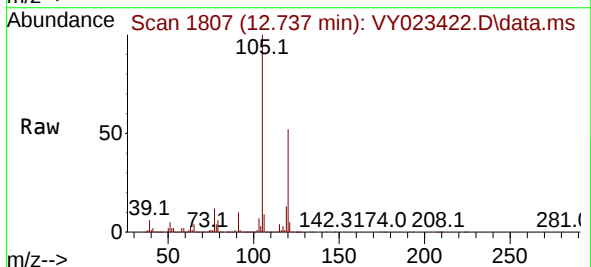
Manual Integrations
APPROVED

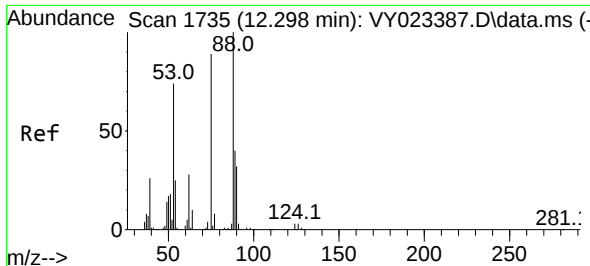
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.332 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

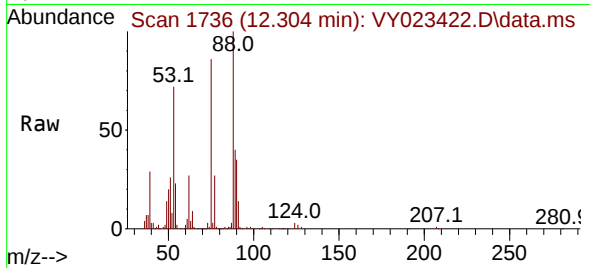
Tgt Ion:105 Resp: 1013203
Ion Ratio Lower Upper
105 100
120 51.5 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 42.734 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

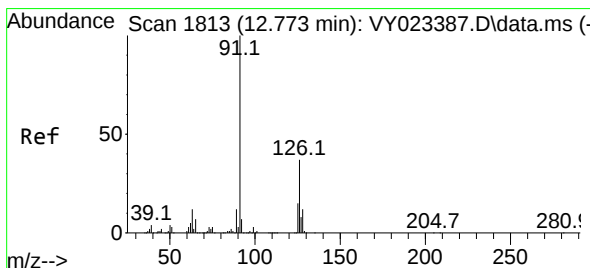
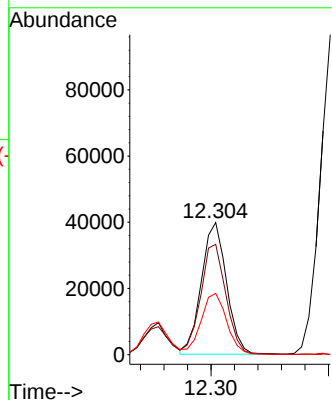
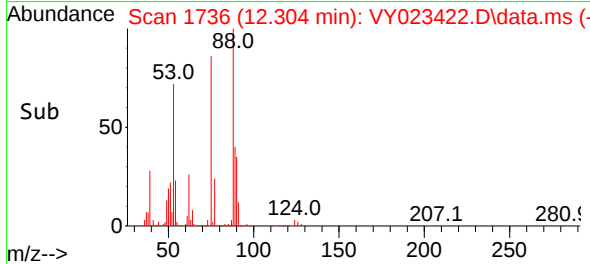
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 59298
Ion Ratio Lower Upper
75 100
53 84.3 68.6 102.8
89 47.8 39.0 58.4

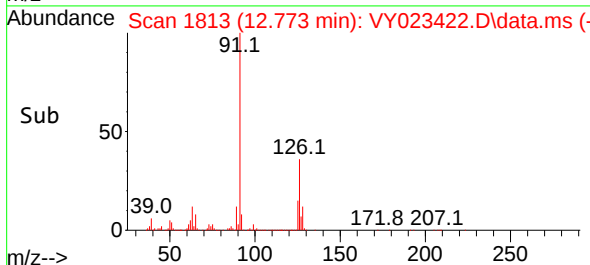
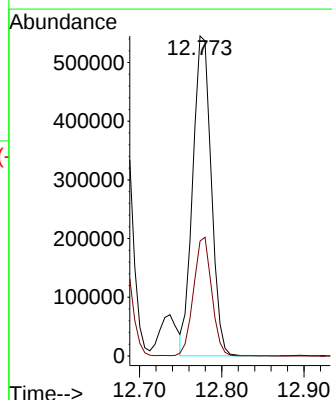
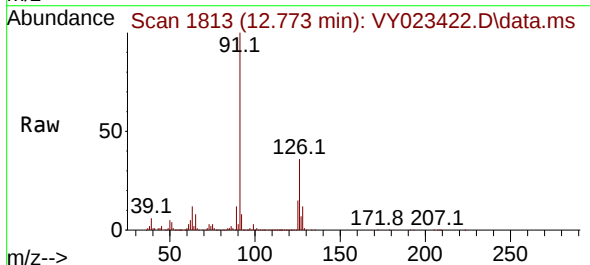
Manual Integrations
APPROVED

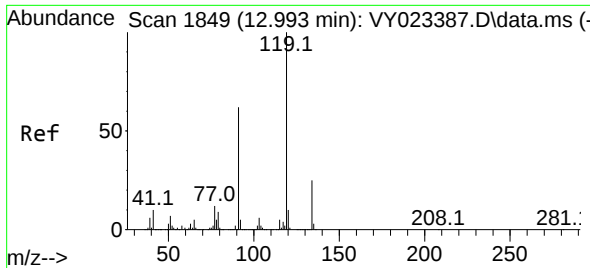
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#82
4-Chlorotoluene
Concen: 47.861 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

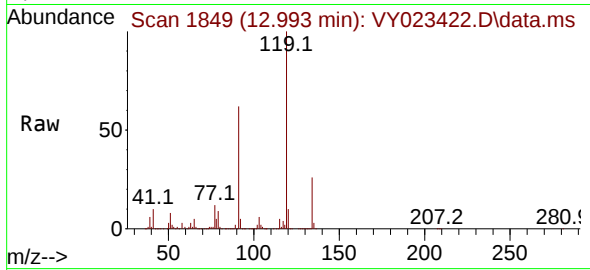
Tgt Ion: 91 Resp: 848973
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4





#83
tert-Butylbenzene
Concen: 49.532 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

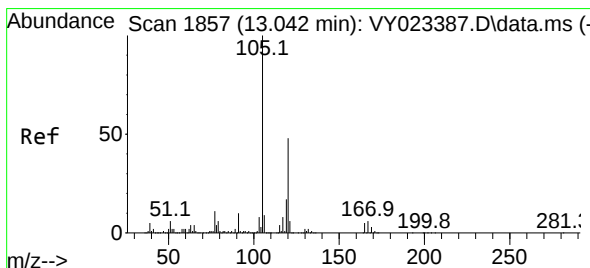
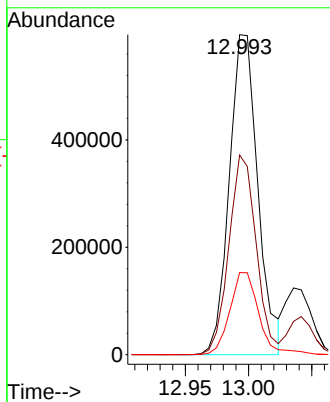
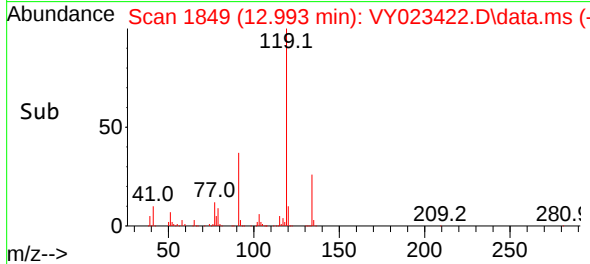
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



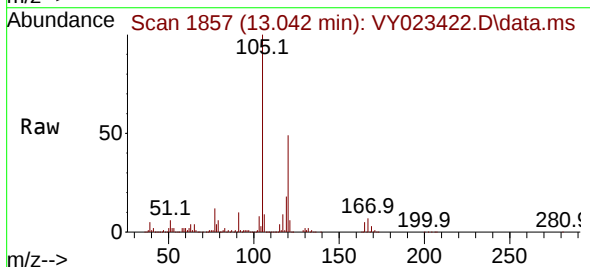
Tgt Ion:119 Resp: 939292
Ion Ratio Lower Upper
119 100
91 59.7 29.9 89.8
134 26.1 12.9 38.7

Manual Integrations
APPROVED

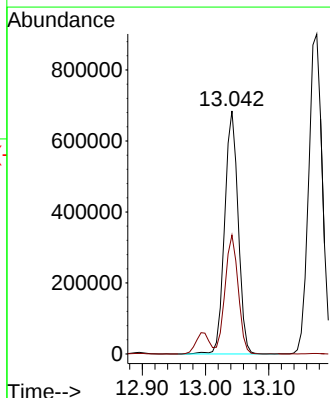
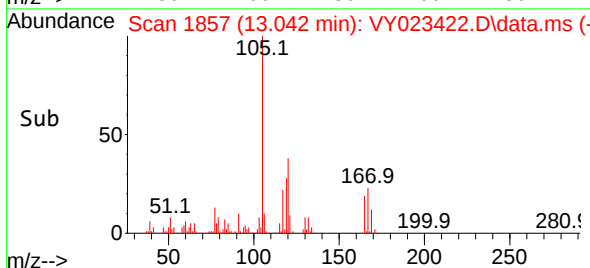
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

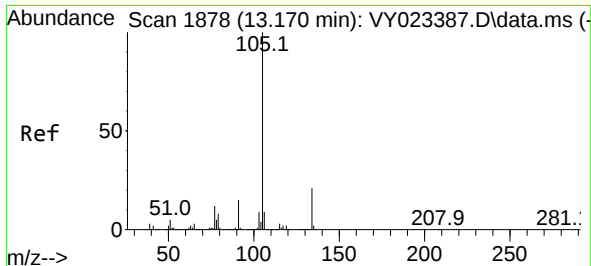


#84
1,2,4-Trimethylbenzene
Concen: 49.328 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



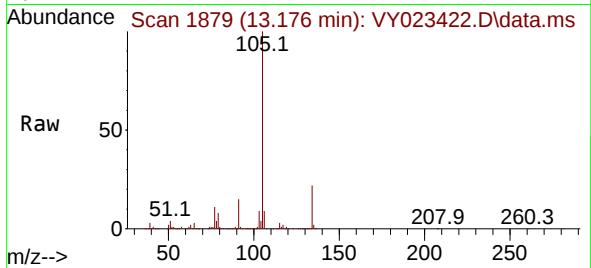
Tgt Ion:105 Resp: 1011089
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 49.426 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023422.D
 Acq: 09 Oct 2025 15:22

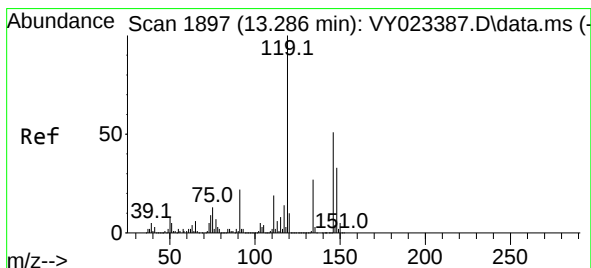
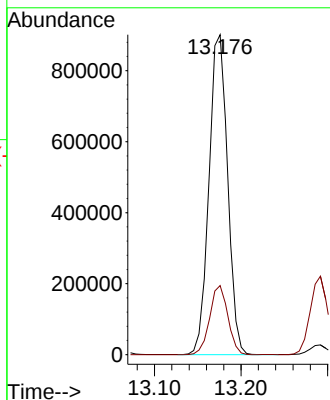
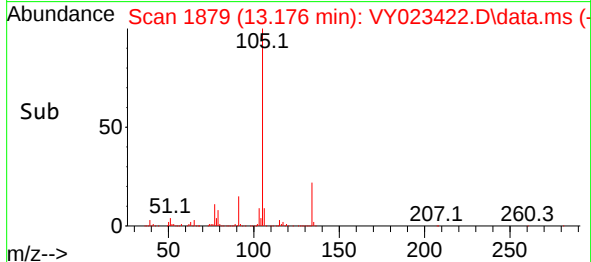
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1344524
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1

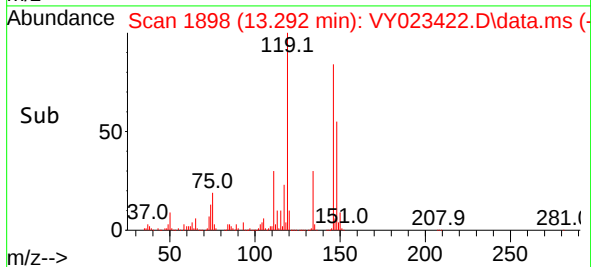
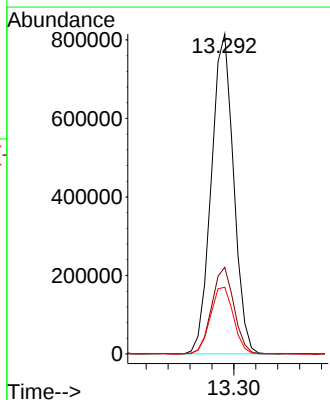
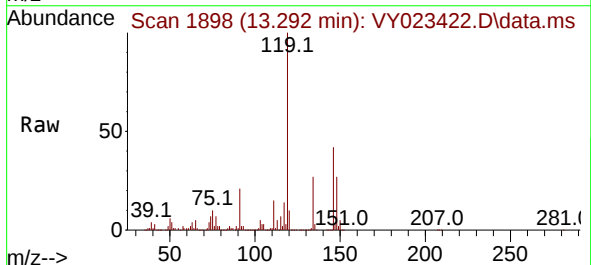
Manual Integrations
 APPROVED

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



#86
 p-Isopropyltoluene
 Concen: 49.632 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023422.D
 Acq: 09 Oct 2025 15:22

Tgt Ion:119 Resp: 1149528
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.5 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 46.499 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 61183

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

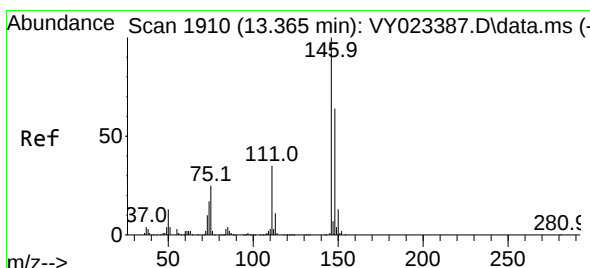
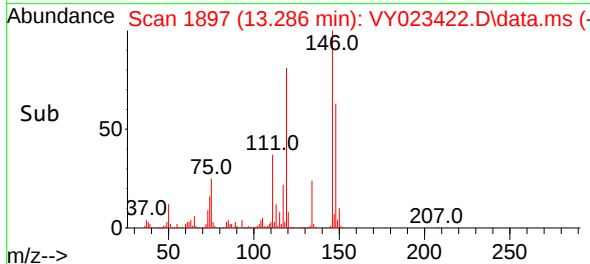
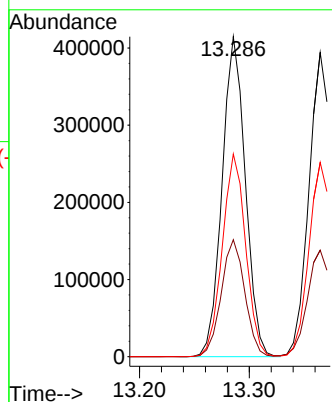
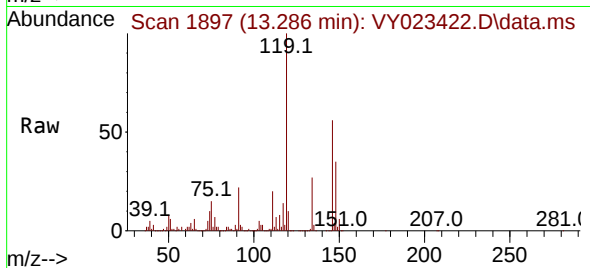
148 63.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#88

1,4-Dichlorobenzene

Concen: 45.275 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

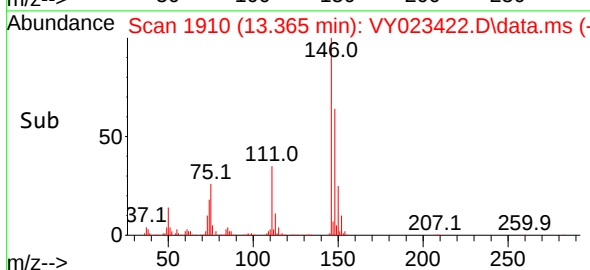
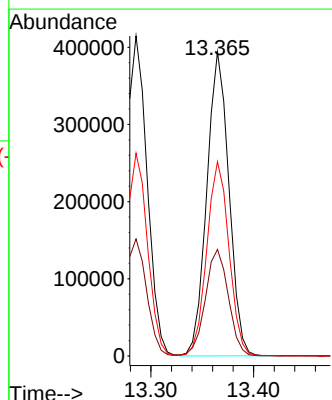
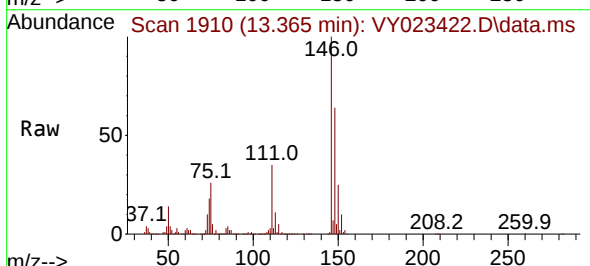
Tgt Ion:146 Resp: 588363

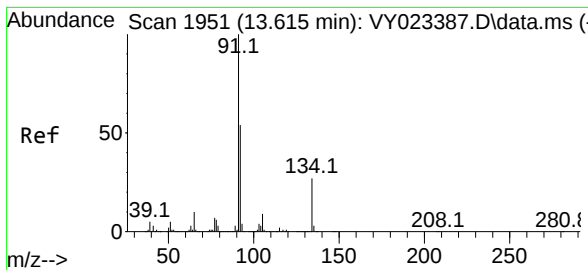
Ion Ratio Lower Upper

146 100

111 36.4 18.0 54.0

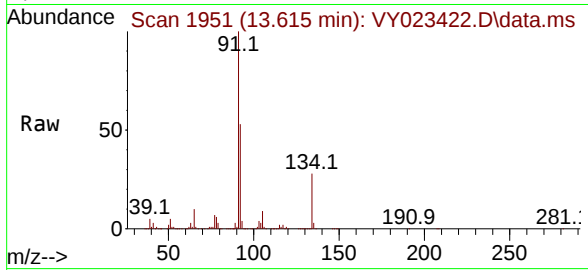
148 64.3 31.9 95.7





#89
n-Butylbenzene
Concen: 48.758 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

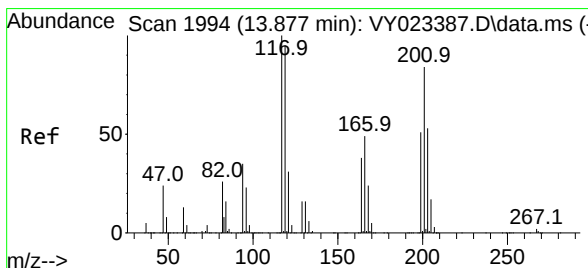
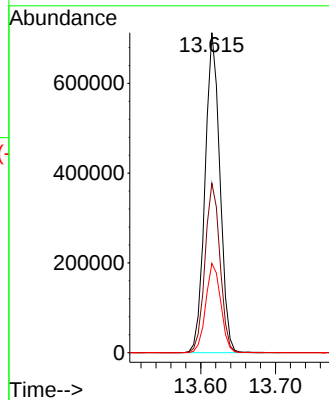
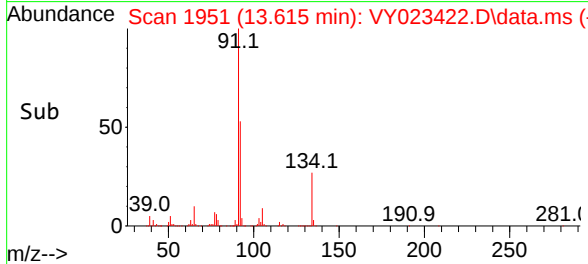
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 983980
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 28.1 14.1 42.2

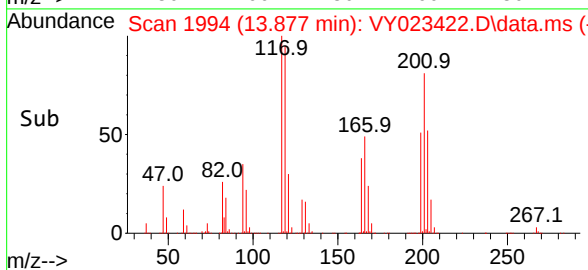
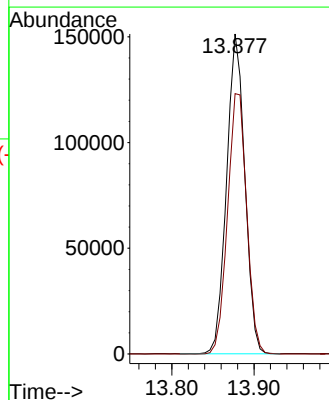
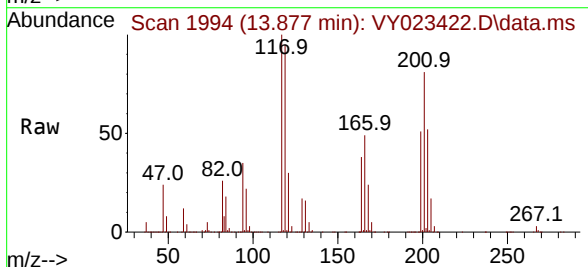
Manual Integrations
APPROVED

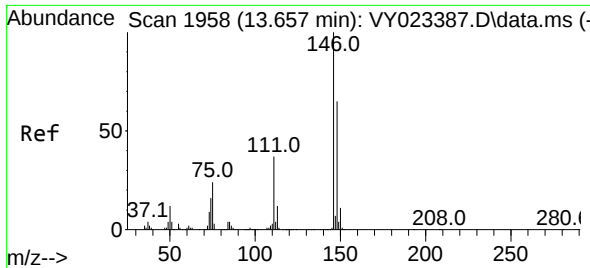
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#90
Hexachloroethane
Concen: 46.969 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

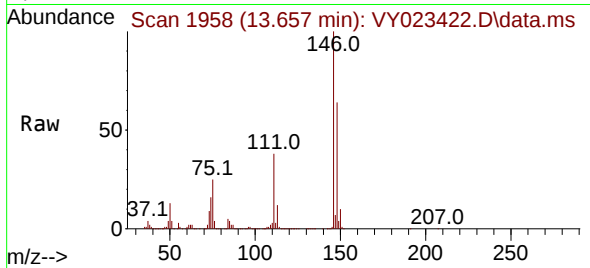
Tgt Ion:117 Resp: 233976
Ion Ratio Lower Upper
117 100
201 85.2 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 45.591 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

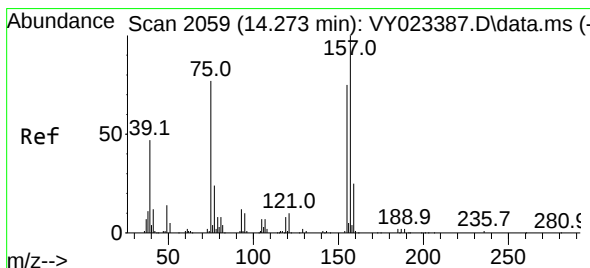
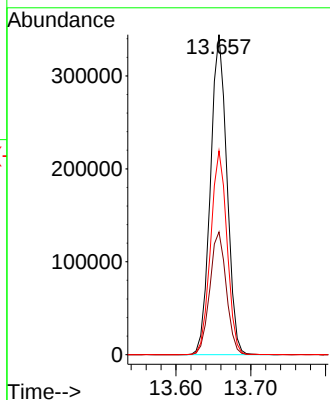
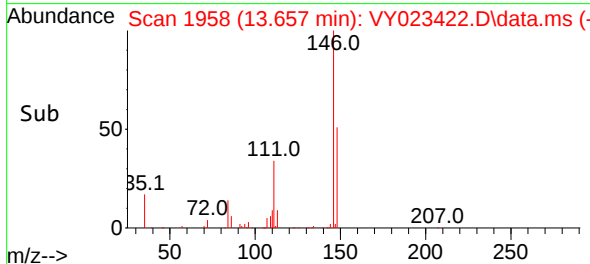
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



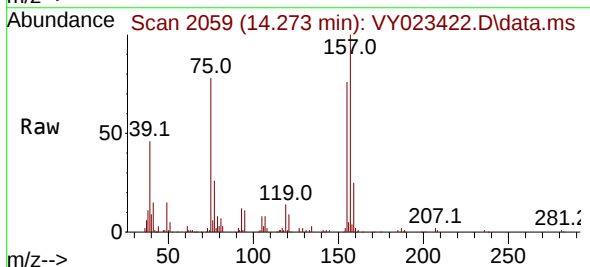
Tgt Ion:146 Resp: 525939
Ion Ratio Lower Upper
146 100
111 38.5 19.0 57.0
148 63.5 32.1 96.3

Manual Integrations
APPROVED

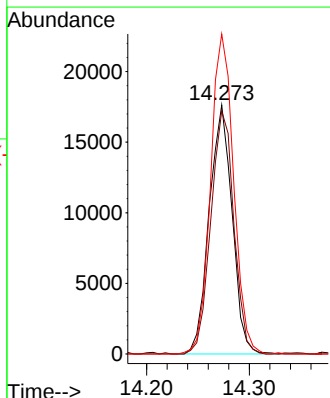
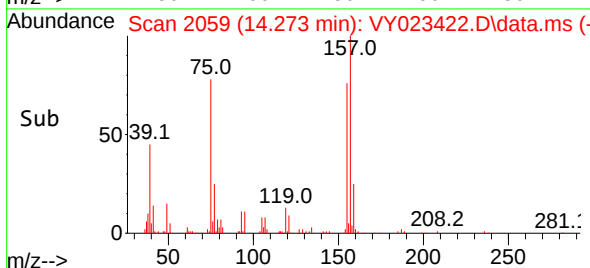
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.984 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



Tgt Ion: 75 Resp: 27273
Ion Ratio Lower Upper
75 100
155 97.6 50.0 150.0
157 128.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 42.836 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023422.D

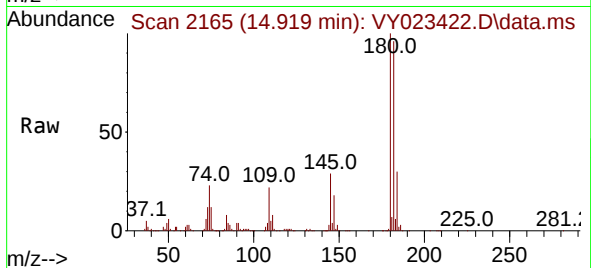
Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



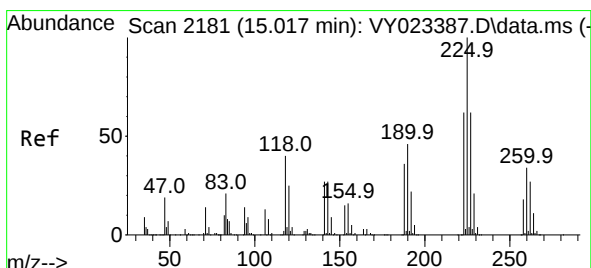
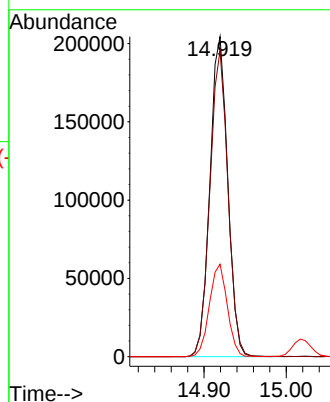
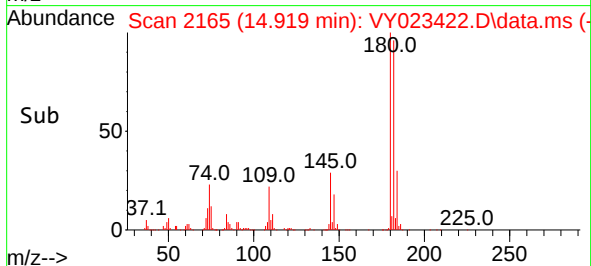
Tgt Ion:180 Resp: 308064

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	29.1	14.7	44.1

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 44.328 ug/l

RT: 15.023 min Scan# 2182

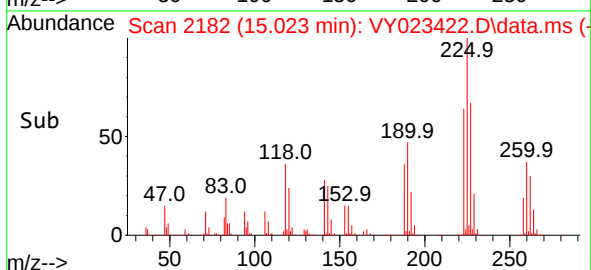
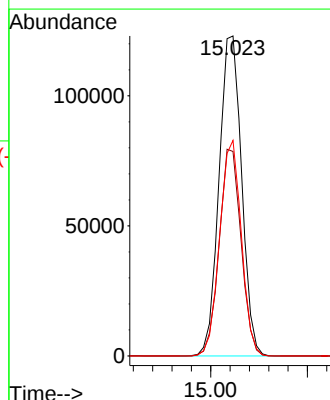
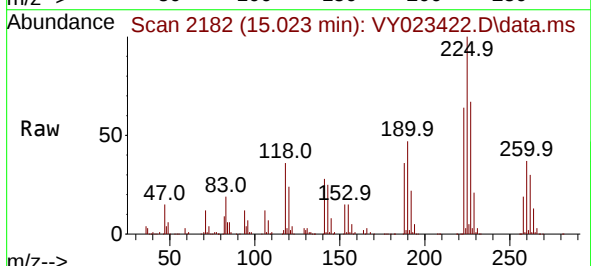
Delta R.T. 0.006 min

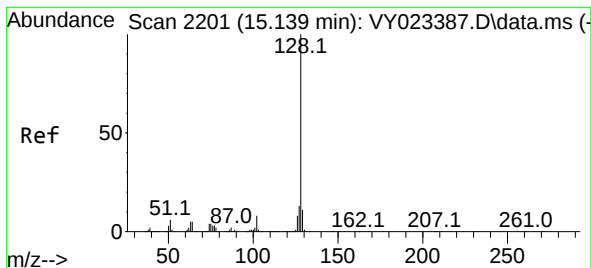
Lab File: VY023422.D

Acq: 09 Oct 2025 15:22

Tgt Ion:225 Resp: 198725

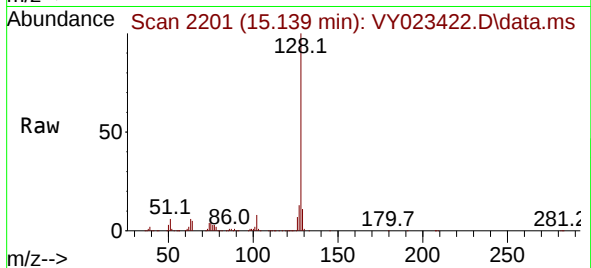
Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.3
227	64.6	31.9	95.7





#95
Naphthalene
Concen: 40.290 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22

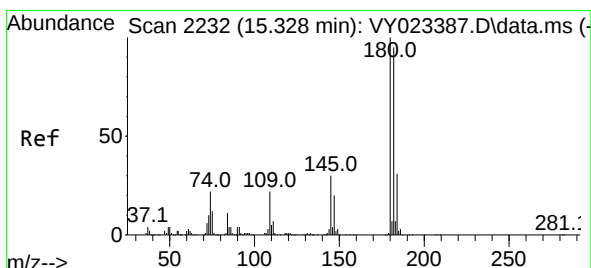
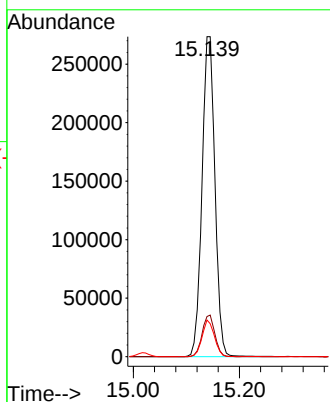
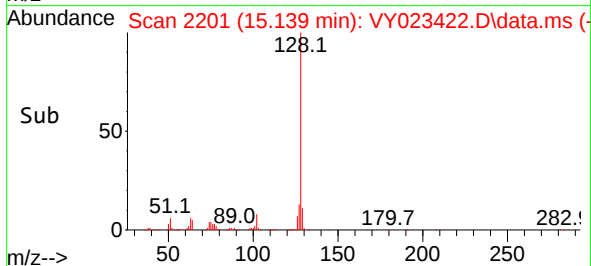
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



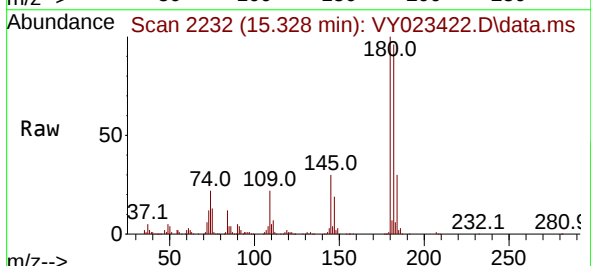
Tgt Ion:128 Resp: 461409
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 41.646 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023422.D
Acq: 09 Oct 2025 15:22



Tgt Ion:180 Resp: 259430
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.8
145 30.7 15.3 45.9

