

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023409.D
 Acq On : 09 Oct 2025 09:45
 Operator : SY/MD
 Sample : VY1009SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 04:21:04 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	563762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	821828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	727518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	376801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215871	45.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.580%
35) Dibromofluoromethane	7.640	113	241758	47.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.109	98	900230	47.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.408	95	285471	45.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85749	21.131	ug/l	97
3) Chloromethane	2.074	50	108685	19.661	ug/l	100
4) Vinyl Chloride	2.208	62	140110	19.459	ug/l	100
5) Bromomethane	2.598	94	122336	20.247	ug/l	98
6) Chloroethane	2.739	64	100330	20.442	ug/l	99
7) Trichlorofluoromethane	3.062	101	196750	19.681	ug/l	99
8) Diethyl Ether	3.458	74	49795	19.062	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	108261	20.869	ug/l	99
10) Methyl Iodide	4.007	142	113175	19.597	ug/l	99
11) Tert butyl alcohol	4.866	59	33665	95.990	ug/l	95
12) 1,1-Dichloroethene	3.793	96	99731	19.832	ug/l	94
13) Acrolein	3.653	56	40278	81.277	ug/l	99
14) Allyl chloride	4.391	41	116410	18.994	ug/l	98
15) Acrylonitrile	5.061	53	90136	90.162	ug/l	99
16) Acetone	3.873	43	137624	122.625	ug/l	99
17) Carbon Disulfide	4.110	76	294532	20.463	ug/l	99
18) Methyl Acetate	4.385	43	47012	15.968	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	224998	18.616	ug/l	99
20) Methylene Chloride	4.616	84	113968	18.779	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	112414	20.304	ug/l	97
22) Diisopropyl ether	6.025	45	265422	19.579	ug/l	96
23) Vinyl Acetate	5.964	43	699897	95.380	ug/l	100
24) 1,1-Dichloroethane	5.921	63	182155	20.284	ug/l	97
25) 2-Butanone	6.896	43	145773	106.390	ug/l	97
26) 2,2-Dichloropropane	6.890	77	172493	20.933	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	126574	19.791	ug/l	99
28) Bromochloromethane	7.250	49	67024	19.993	ug/l	98
29) Tetrahydrofuran	7.268	42	67835	87.306	ug/l	97
30) Chloroform	7.427	83	199370	20.207	ug/l	99
31) Cyclohexane	7.707	56	154146	19.656	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	180303	20.109	ug/l	98
36) 1,1-Dichloropropene	7.835	75	138589	20.730	ug/l	98
37) Ethyl Acetate	6.994	43	51391	19.403	ug/l	98
38) Carbon Tetrachloride	7.817	117	167157	20.621	ug/l	100
39) Methylcyclohexane	9.109	83	174614	20.060	ug/l	96
40) Benzene	8.085	78	439932	20.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	24922	17.398	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	108207	19.817	ug/l	99
43) Isopropyl Acetate	8.201	43	96508	18.274	ug/l	100
44) Trichloroethene	8.866	130	125009	20.173	ug/l	99
45) 1,2-Dichloropropane	9.146	63	96247	20.582	ug/l	99
46) Dibromomethane	9.231	93	58388	19.746	ug/l	98
47) Bromodichloromethane	9.426	83	149191	20.033	ug/l	99
48) Methyl methacrylate	9.219	41	42780	17.242	ug/l	95
49) 1,4-Dioxane	9.231	88	12246	357.190	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	250333	91.743	ug/l	98
52) Toluene	10.170	92	280105	20.376	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	122023	18.844	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	149849	19.607	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	77705	19.541	ug/l	95
56) Ethyl methacrylate	10.445	69	80772	17.609	ug/l	99
57) 1,3-Dichloropropane	10.719	76	123698	19.631	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	182196	88.669	ug/l	99
59) 2-Hexanone	10.762	43	197074	101.063	ug/l	99
60) Dibromochloromethane	10.914	129	111195	19.945	ug/l	99
61) 1,2-Dibromoethane	11.018	107	73429	19.363	ug/l	99
64) Tetrachloroethene	10.646	164	145594	19.382	ug/l	96
65) Chlorobenzene	11.444	112	314016	19.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	111165	19.715	ug/l	99
67) Ethyl Benzene	11.518	91	509085	19.876	ug/l	99
68) m/p-Xylenes	11.627	106	410062	39.916	ug/l	99
69) o-Xylene	11.956	106	188687	19.581	ug/l	99
70) Styrene	11.969	104	311804	19.677	ug/l	99
71) Bromoform	12.133	173	64321	18.390	ug/l #	100
73) Isopropylbenzene	12.255	105	493259	19.864	ug/l	100
74) N-amyl acetate	12.072	43	77131	17.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	78596	19.352	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	58029m	17.456	ug/l	
77) Bromobenzene	12.536	156	127908	19.376	ug/l	98
78) n-propylbenzene	12.597	91	580789	20.212	ug/l	100
79) 2-Chlorotoluene	12.682	91	335010	19.909	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	402952	20.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24605	18.150	ug/l	99
82) 4-Chlorotoluene	12.779	91	347982	20.080	ug/l	100
83) tert-Butylbenzene	12.999	119	362790	19.582	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	403304	20.139	ug/l	99
85) sec-Butylbenzene	13.176	105	536485	20.186	ug/l	100
86) p-Isopropyltoluene	13.292	119	455784	20.143	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	250678	19.500	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	248075	19.539	ug/l	99
89) n-Butylbenzene	13.615	91	386693	19.613	ug/l	99
90) Hexachloroethane	13.877	117	97445	20.022	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	217274	19.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11766	17.656	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	122058	17.372	ug/l	100
94) Hexachlorobutadiene	15.023	225	83673	19.104	ug/l	100
95) Naphthalene	15.145	128	169222	15.125	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	104325	17.142	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

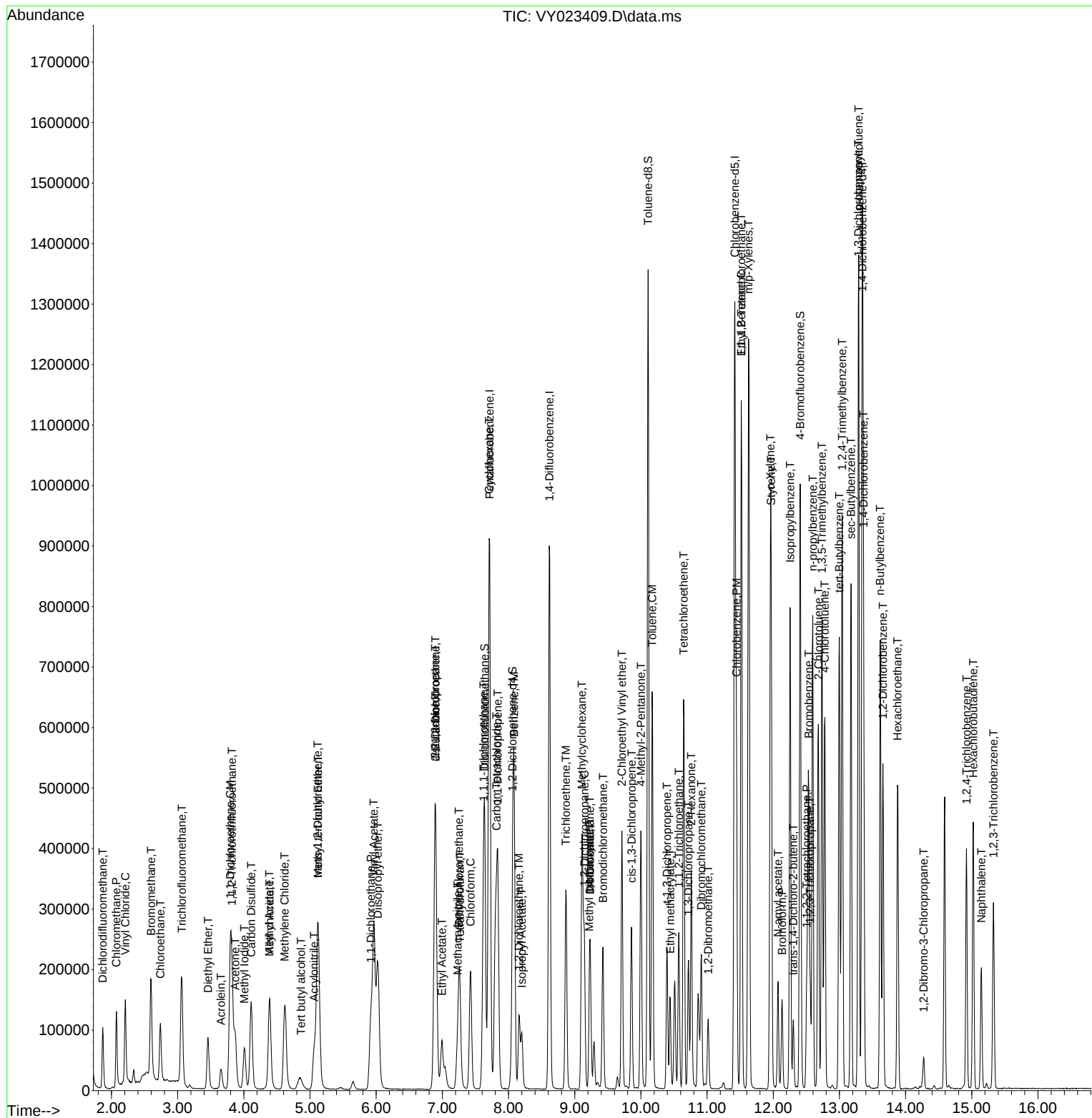
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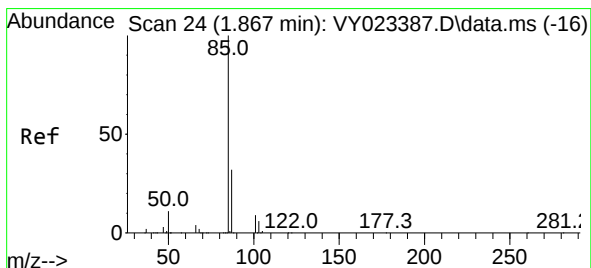
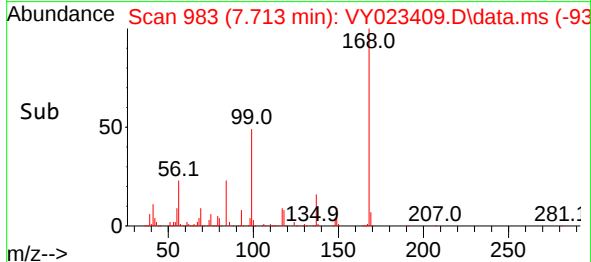
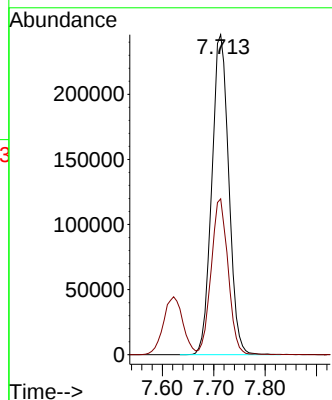
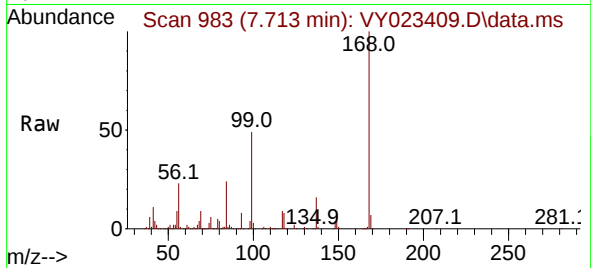
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023409.D
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ClientSampleId :
VY1009SBS01

Tgt Ion:168 Resp: 563762
Ion Ratio Lower Upper
168 100
99 48.6 39.7 59.5

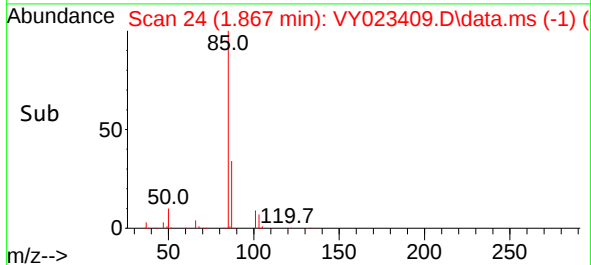
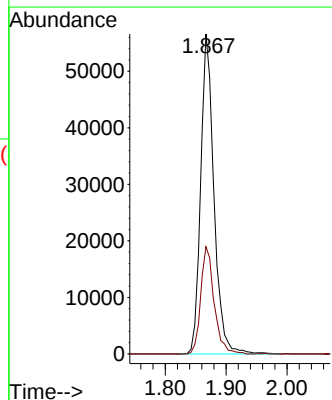
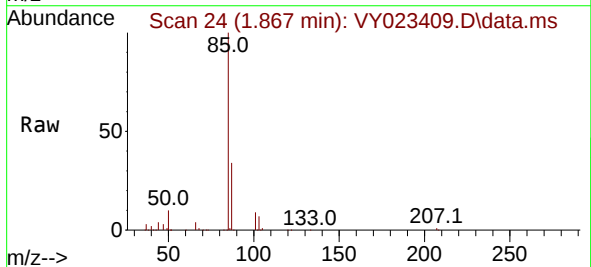
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#2
Dichlorodifluoromethane
Concen: 21.131 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

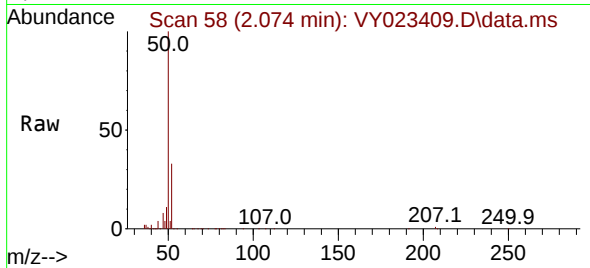
Tgt Ion: 85 Resp: 85749
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9





#3
Chloromethane
Concen: 19.661 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

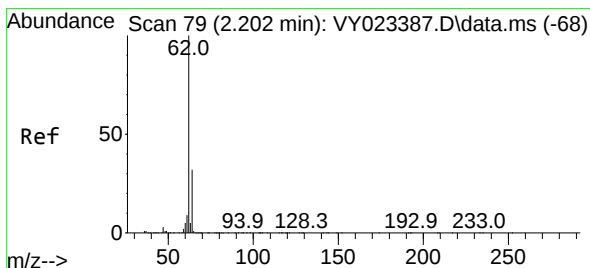
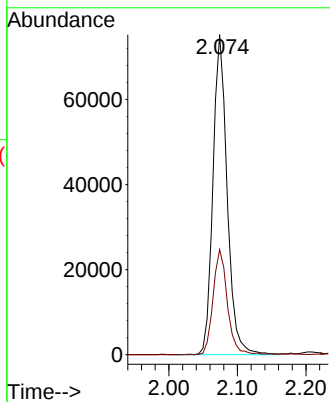
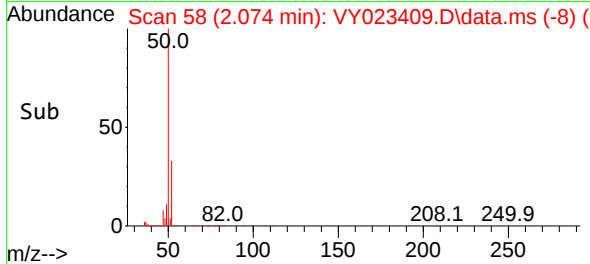
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 50 Resp: 10868
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2

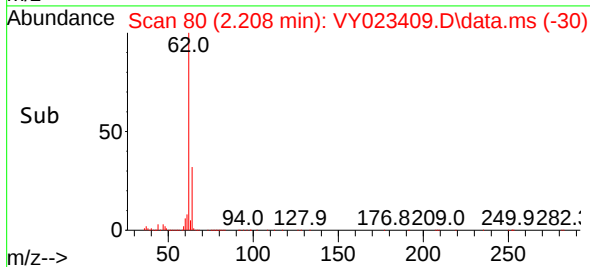
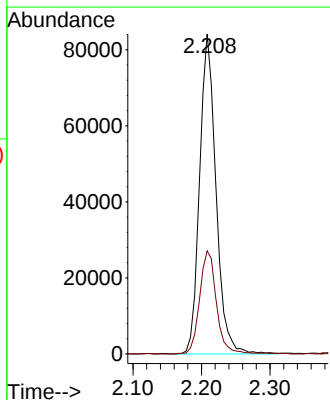
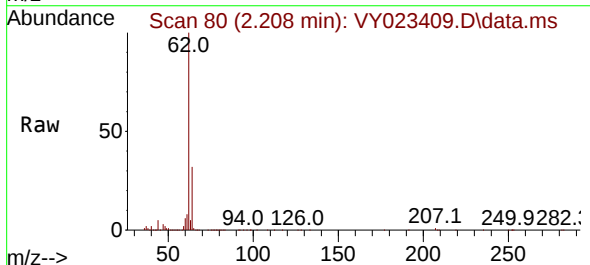
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#4
Vinyl Chloride
Concen: 19.459 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

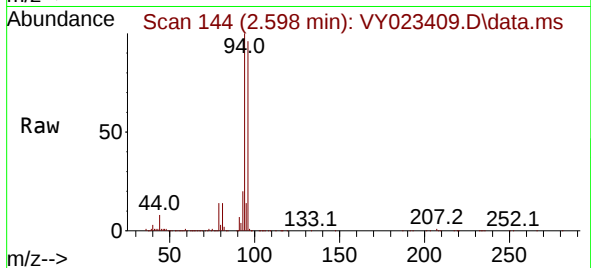
Tgt Ion: 62 Resp: 140110
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5
Bromomethane
Concen: 20.247 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

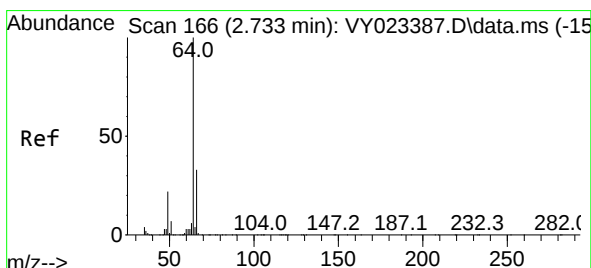
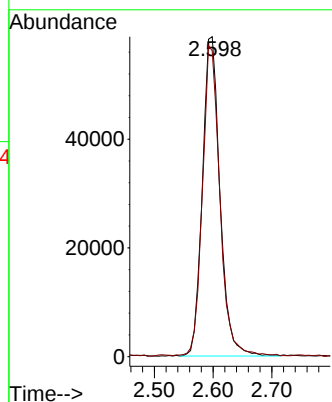
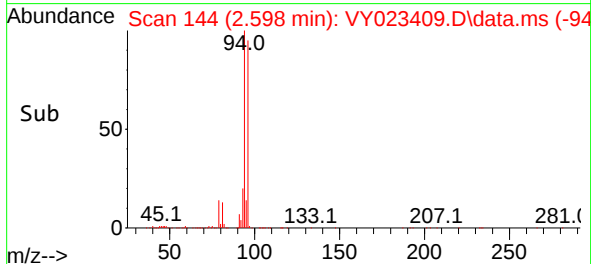
Instrument :
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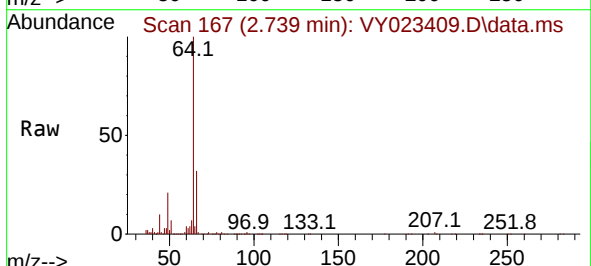
Tgt Ion: 94 Resp: 122330
Ion Ratio Lower Upper
94 100
96 95.5 74.5 111.7

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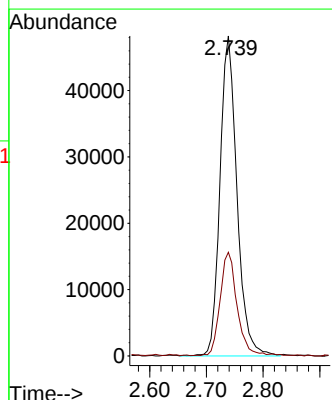
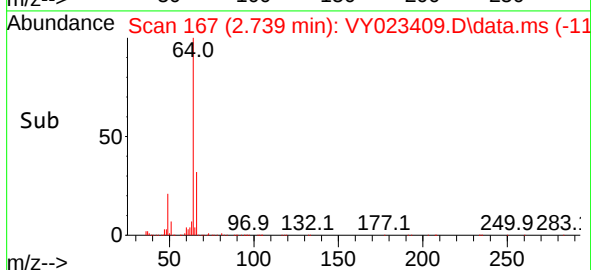
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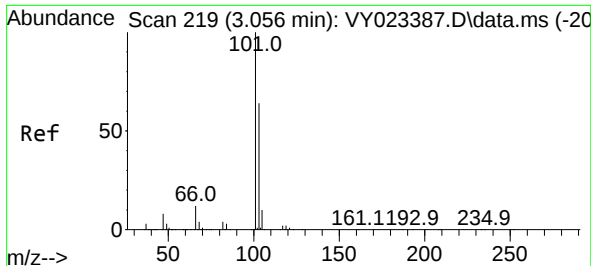


#6
Chloroethane
Concen: 20.442 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



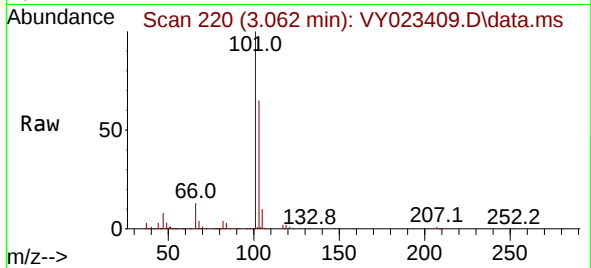
Tgt Ion: 64 Resp: 100330
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.681 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

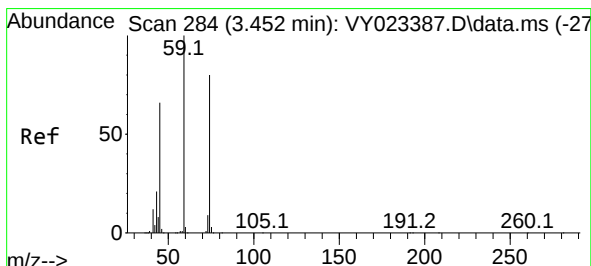
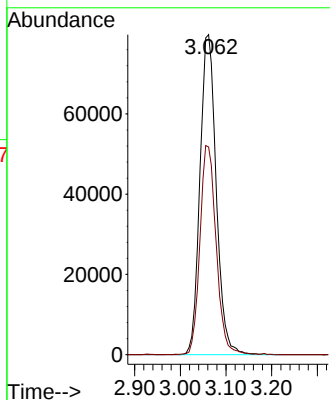
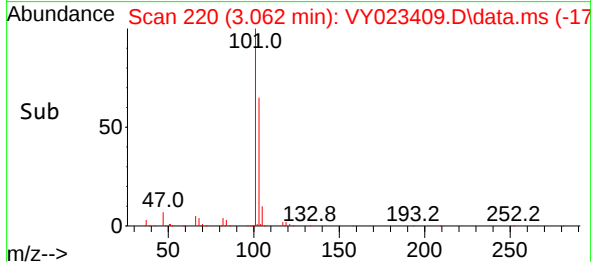
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion:101 Resp: 196750
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

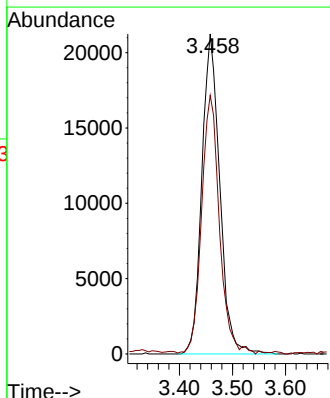
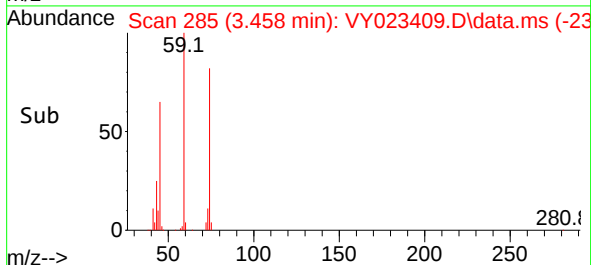
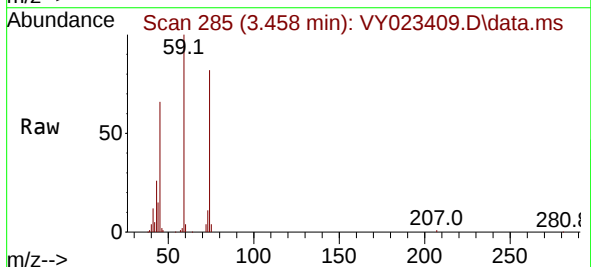
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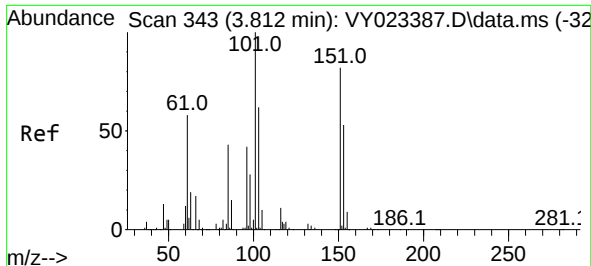
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#8
Diethyl Ether
Concen: 19.062 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

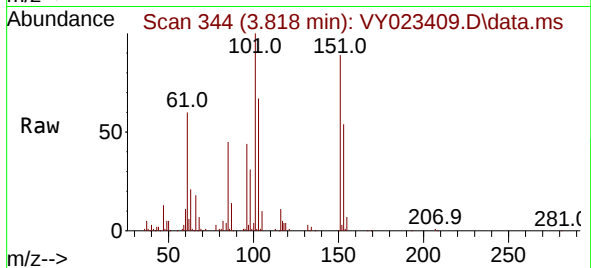
Tgt Ion: 74 Resp: 49795
Ion Ratio Lower Upper
74 100
45 80.8 39.9 119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.869 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

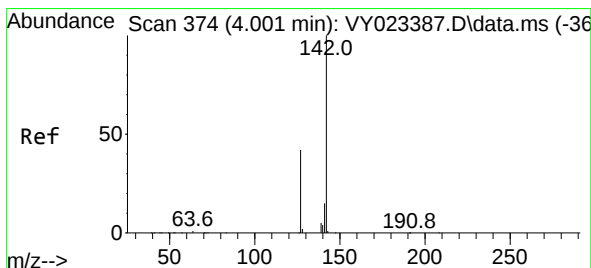
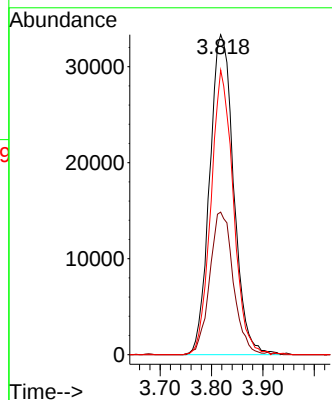
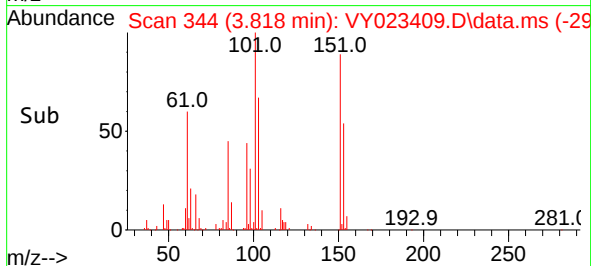
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion:101 Resp: 10826
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 82.6 67.0 100.6

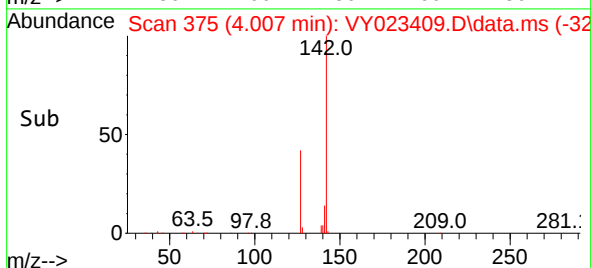
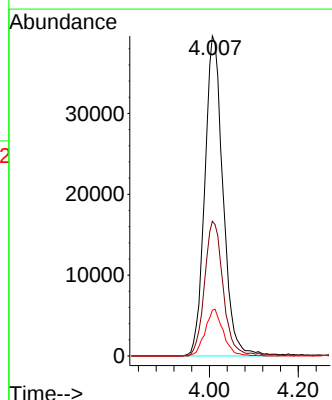
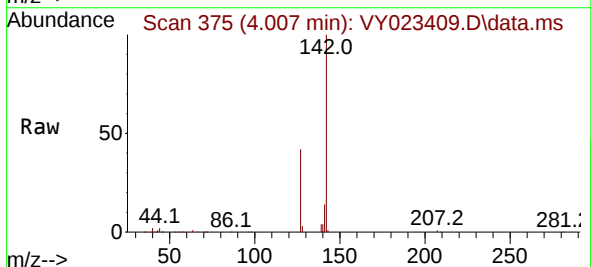
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 19.597 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

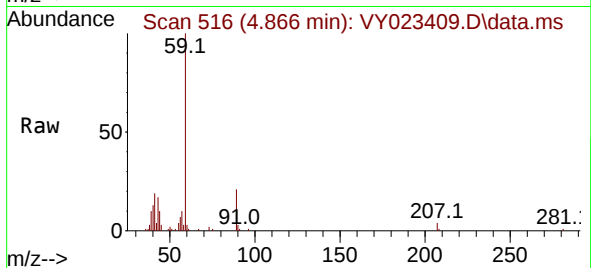
Tgt Ion:142 Resp: 113175
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 95.990 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

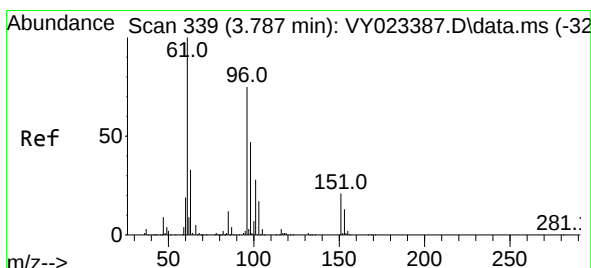
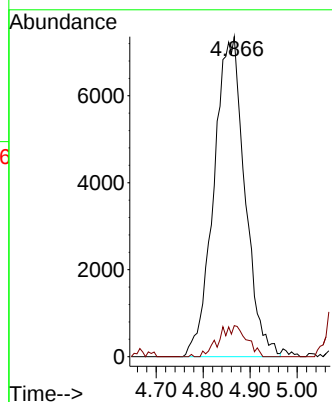
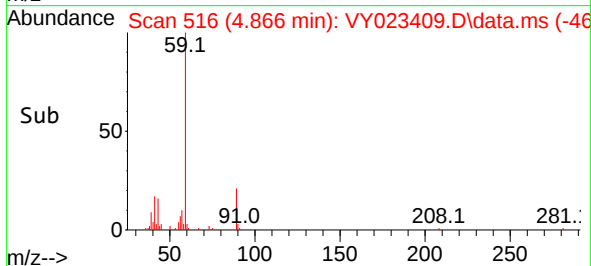
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



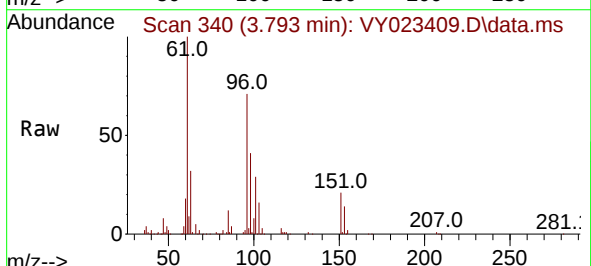
Tgt Ion: 59 Resp: 3366
Ion Ratio Lower Upper
59 100
57 8.7 8.3 12.5

Manual Integrations
APPROVED

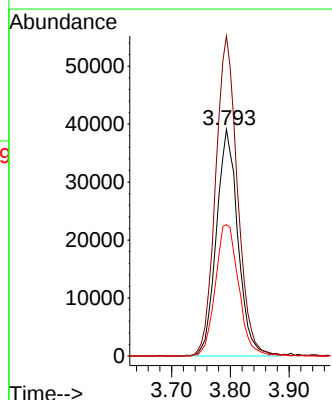
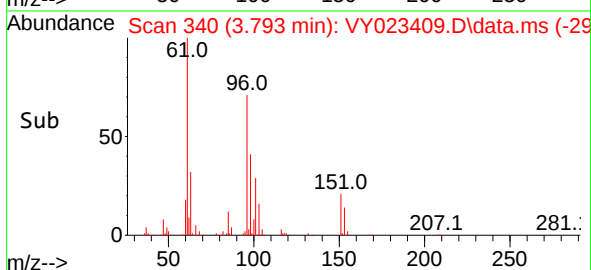
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

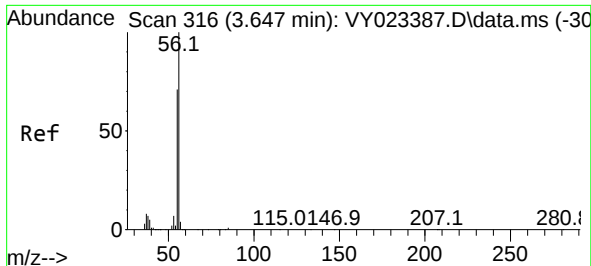


#12
1,1-Dichloroethene
Concen: 19.832 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



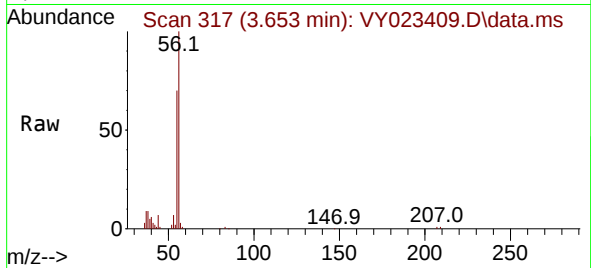
Tgt Ion: 96 Resp: 99731
Ion Ratio Lower Upper
96 100
61 141.3 106.7 160.1
98 58.0 50.2 75.4





#13
Acrolein
Concen: 81.277 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

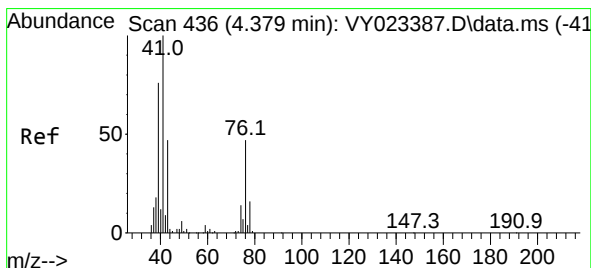
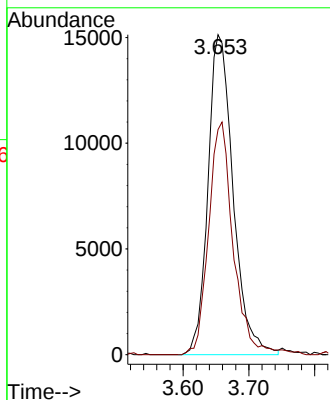
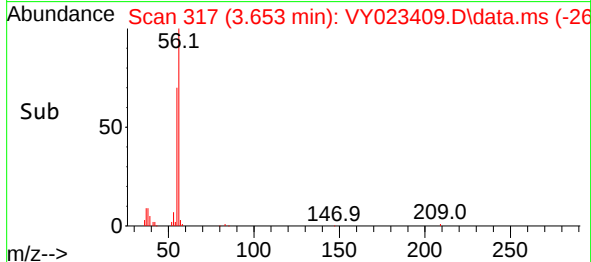
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 56 Resp: 40278
Ion Ratio Lower Upper
56 100
55 71.3 56.1 84.1

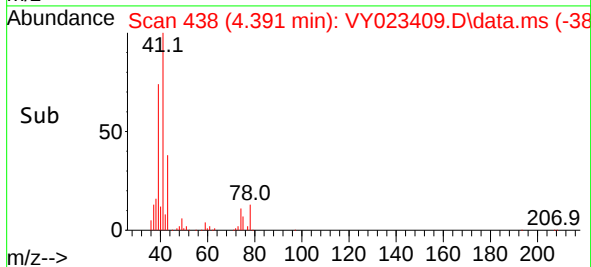
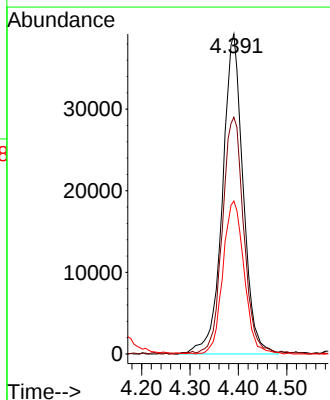
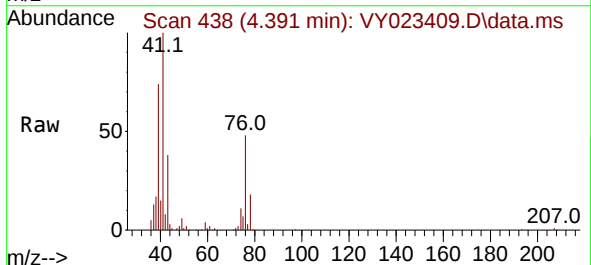
Manual Integrations
APPROVED

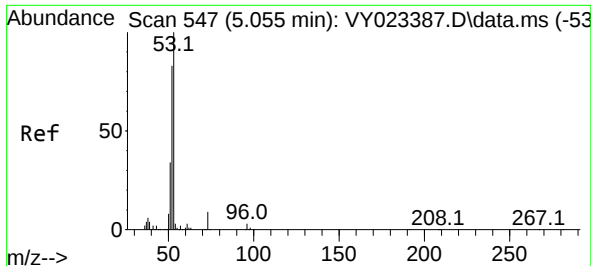
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#14
Allyl chloride
Concen: 18.994 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

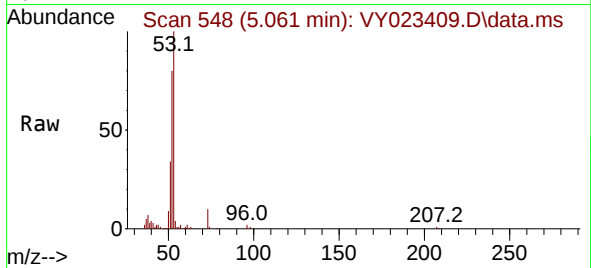
Tgt Ion: 41 Resp: 116410
Ion Ratio Lower Upper
41 100
39 76.8 59.9 89.9
76 49.1 38.0 57.0





#15
Acrylonitrile
Concen: 90.162 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

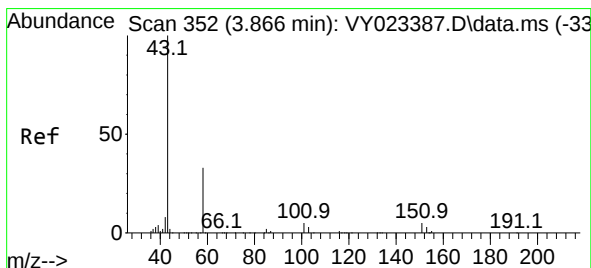
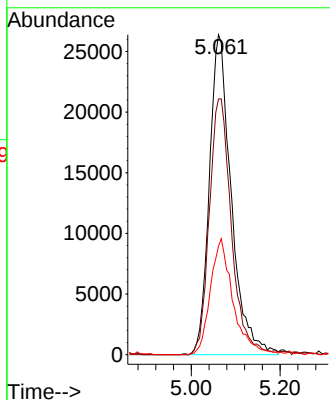
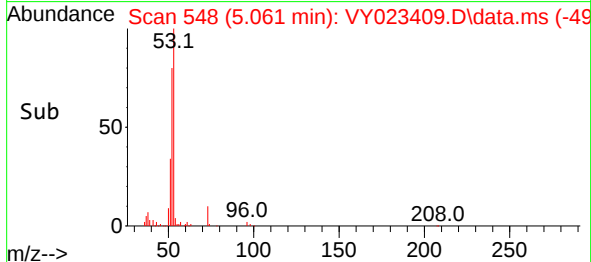
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



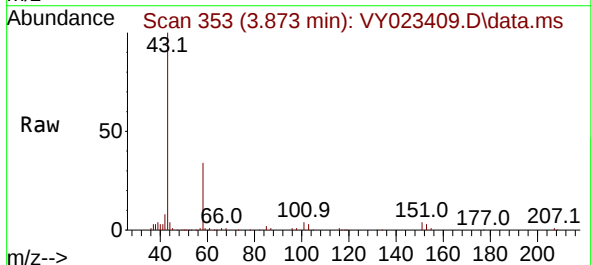
Tgt Ion: 53 Resp: 90130
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 37.7 29.5 44.3

Manual Integrations
APPROVED

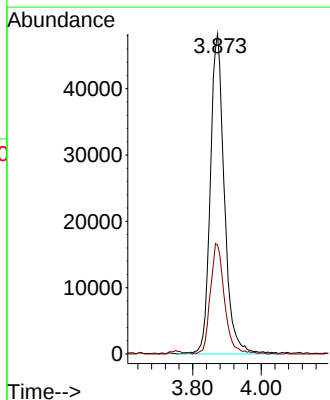
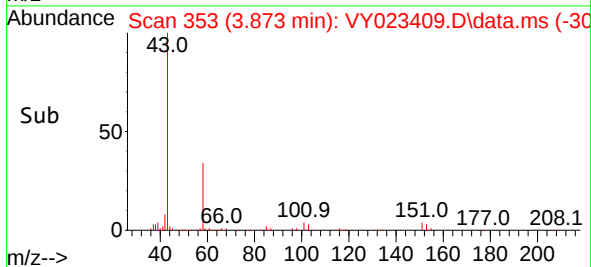
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

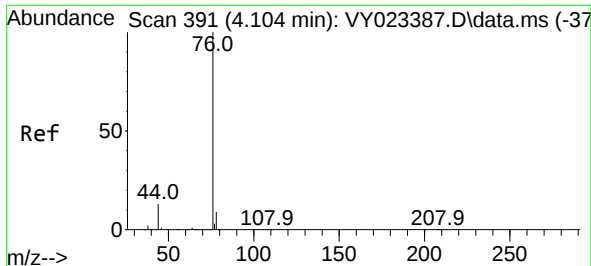


#16
Acetone
Concen: 122.625 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



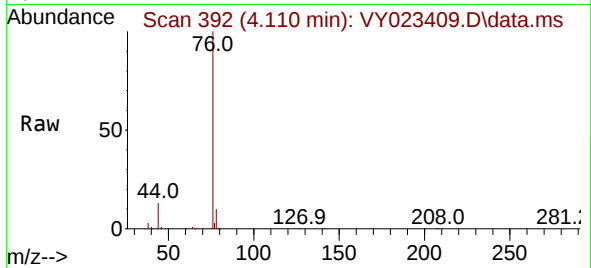
Tgt Ion: 43 Resp: 137624
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5





#17
Carbon Disulfide
Concen: 20.463 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

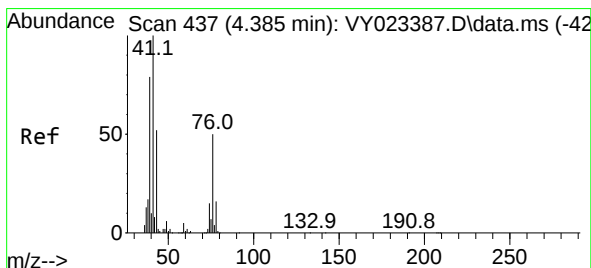
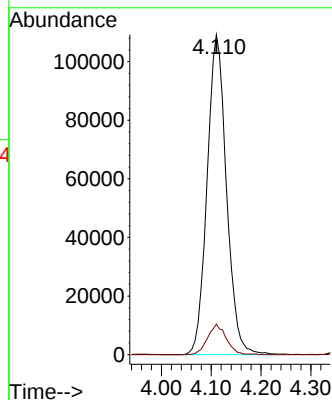
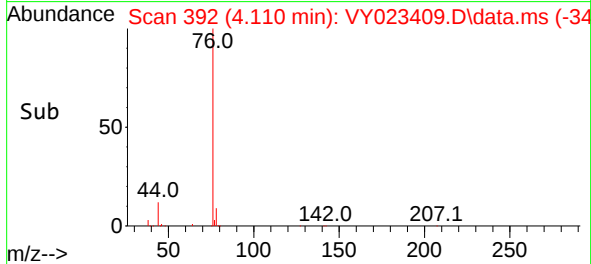
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 76 Resp: 29453
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

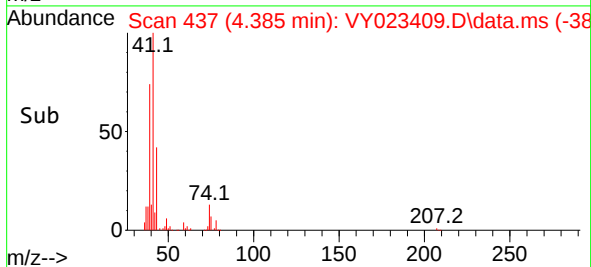
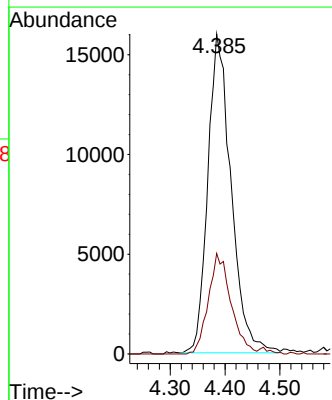
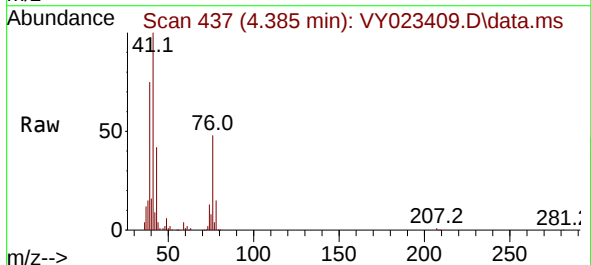
Manual Integrations
APPROVED

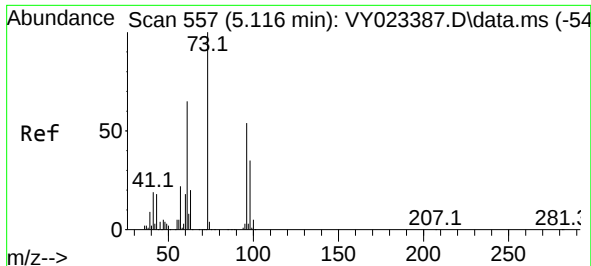
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#18
Methyl Acetate
Concen: 15.968 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 43 Resp: 47012
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.616 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

Tgt Ion: 73 Resp: 224998

Ion Ratio Lower Upper

73 100

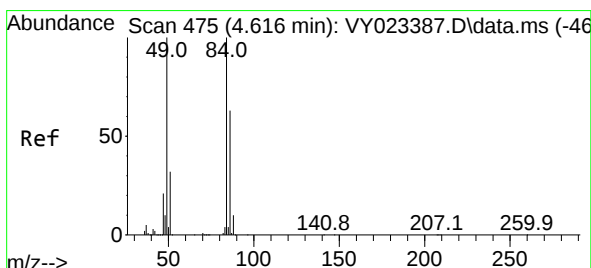
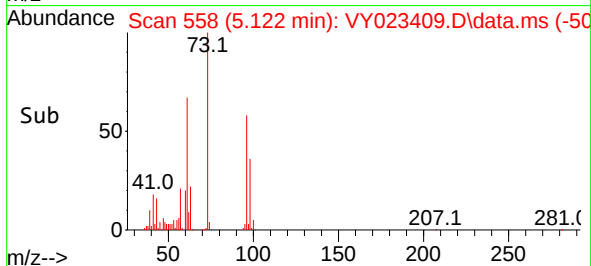
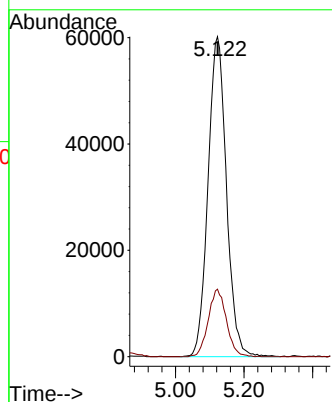
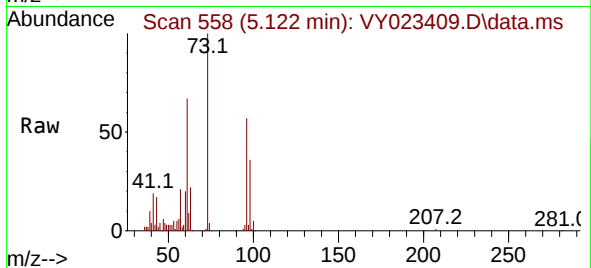
57 21.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#20

Methylene Chloride

Concen: 18.779 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Tgt Ion: 84 Resp: 113968

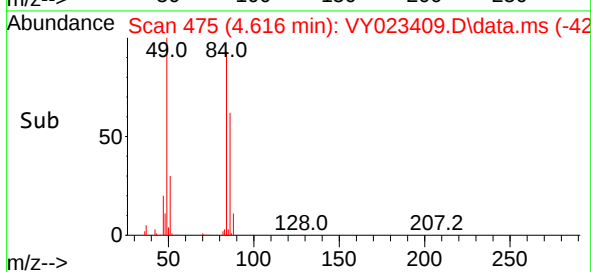
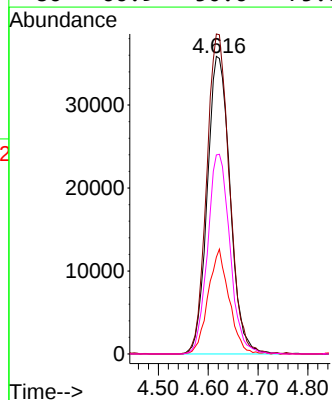
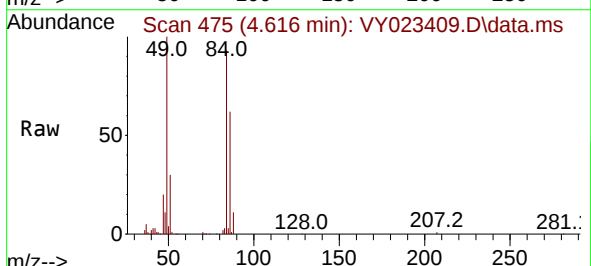
Ion Ratio Lower Upper

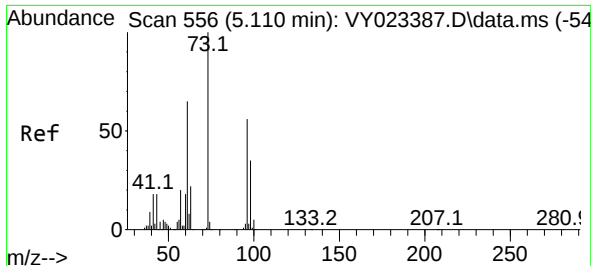
84 100

49 107.5 80.2 120.4

51 32.6 25.9 38.9

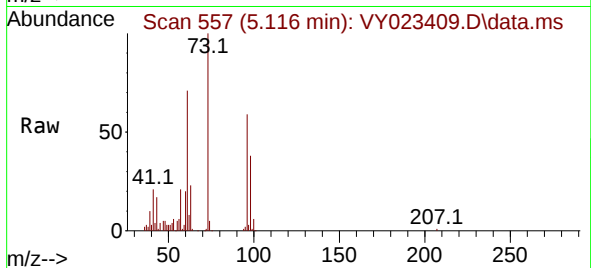
86 66.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 20.304 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

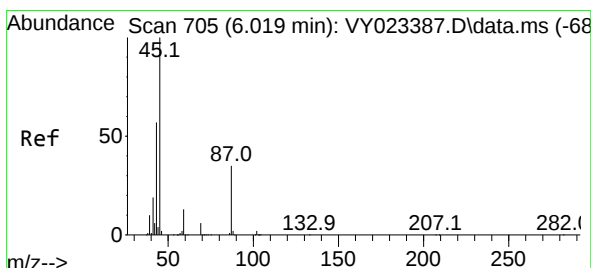
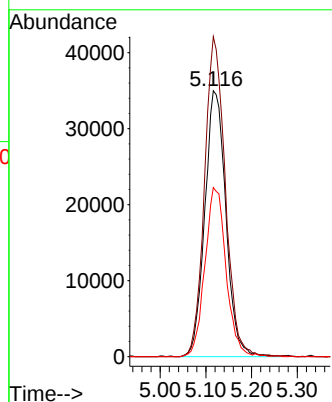
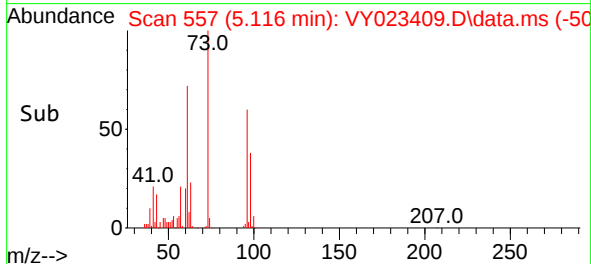
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



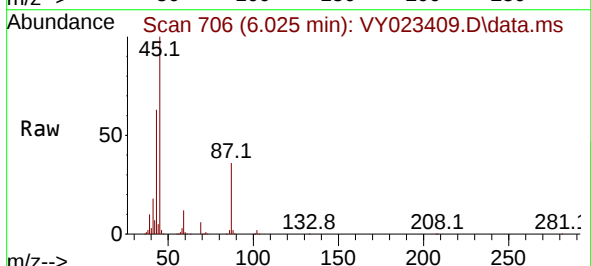
Tgt Ion: 96 Resp: 112414
Ion Ratio Lower Upper
96 100
61 120.3 92.7 139.1
98 63.6 49.7 74.5

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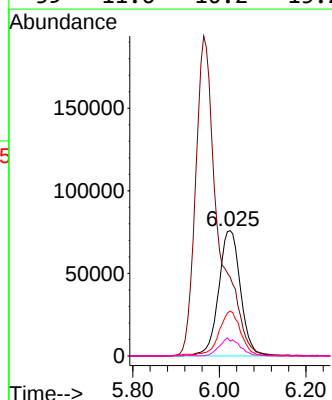
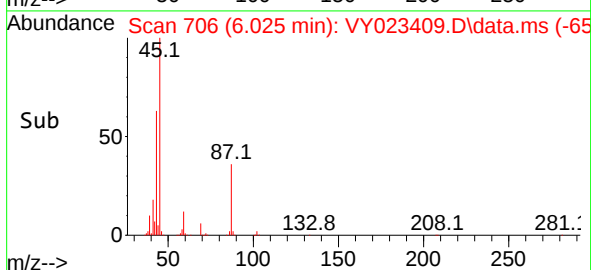
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

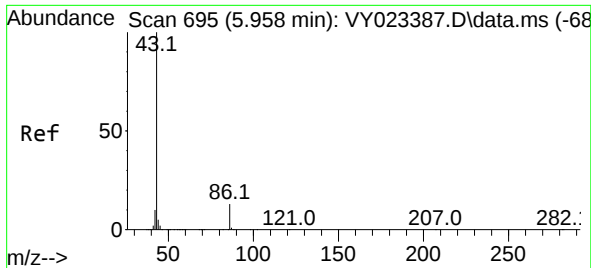


#22
Diisopropyl ether
Concen: 19.579 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



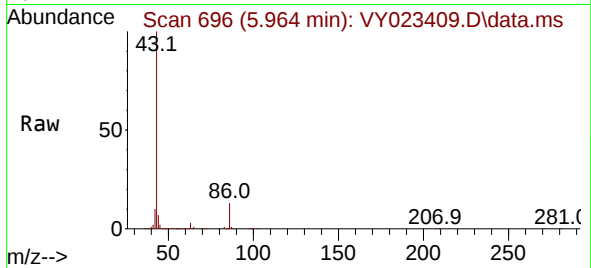
Tgt Ion: 45 Resp: 265422
Ion Ratio Lower Upper
45 100
43 62.1 45.6 68.4
87 35.6 28.1 42.1
59 11.6 10.2 15.2





#23
 Vinyl Acetate
 Concen: 95.380 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

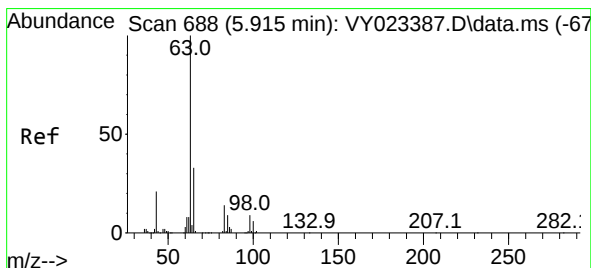
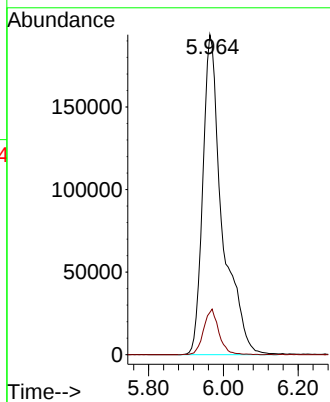
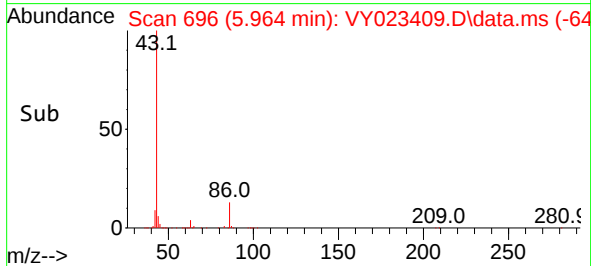
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01



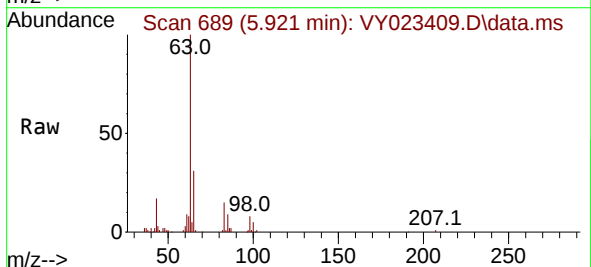
Tgt Ion: 43 Resp: 69989
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 15.8

Manual Integrations
 APPROVED

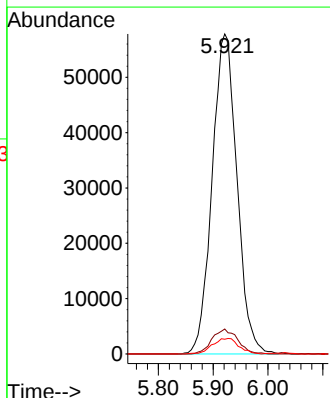
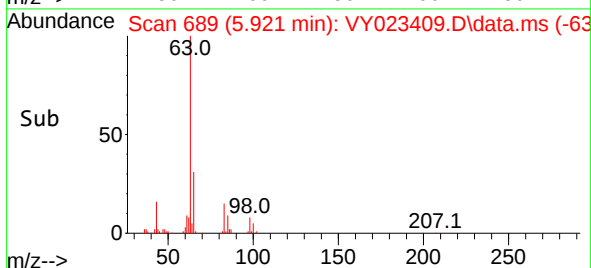
Reviewed By :Mahesh Dadoda 10/10/2025
 Supervised By :Semsettin Yesilyurt 10/10/2025

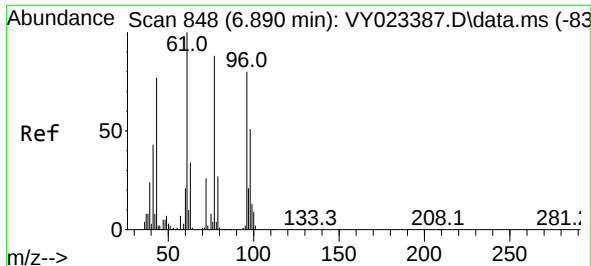


#24
 1,1-Dichloroethane
 Concen: 20.284 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45



Tgt Ion: 63 Resp: 182155
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 13.1
 100 4.6 2.8 8.4





#25

2-Butanone

Concen: 106.390 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

Tgt Ion: 43 Resp: 14577

Ion Ratio Lower Upper

43 100

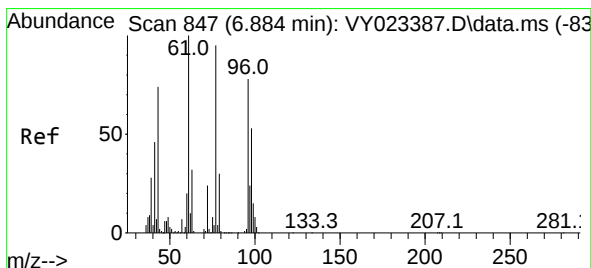
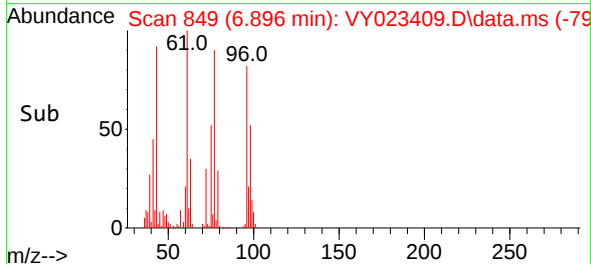
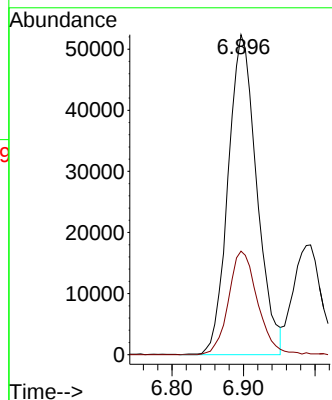
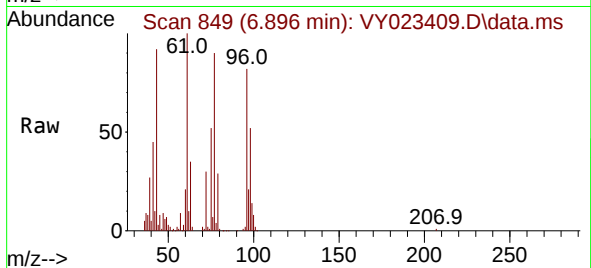
72 32.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#26

2,2-Dichloropropane

Concen: 20.933 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023409.D

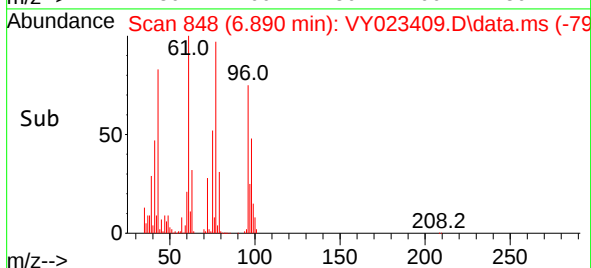
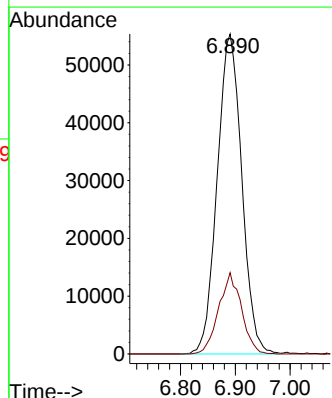
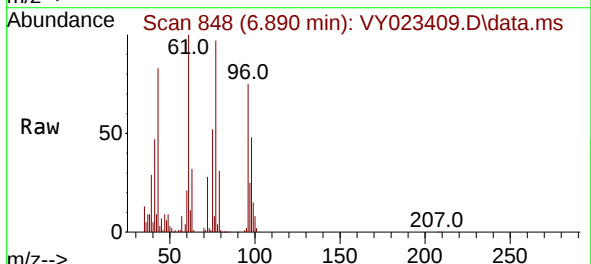
Acq: 09 Oct 2025 09:45

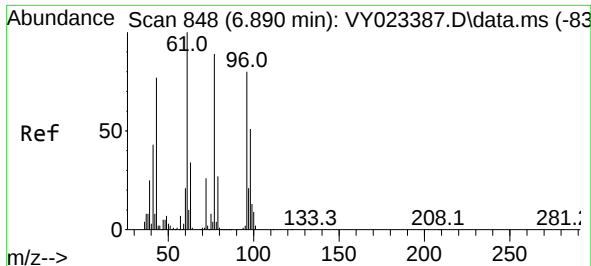
Tgt Ion: 77 Resp: 172493

Ion Ratio Lower Upper

77 100

97 23.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 19.791 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023409.D

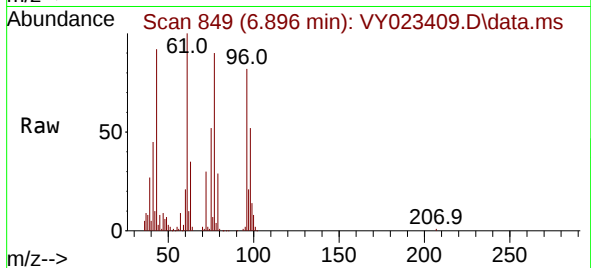
Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01



Tgt Ion: 96 Resp: 126574

Ion Ratio Lower Upper

96 100

61 129.8 0.0 258.2

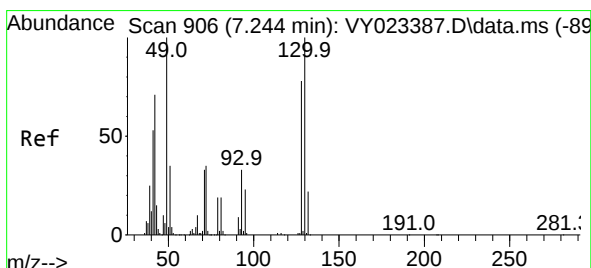
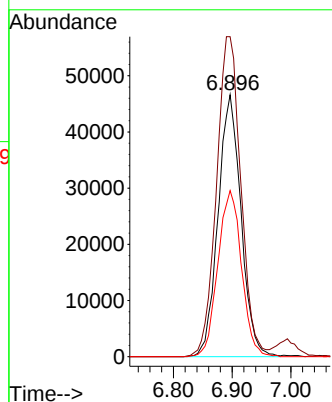
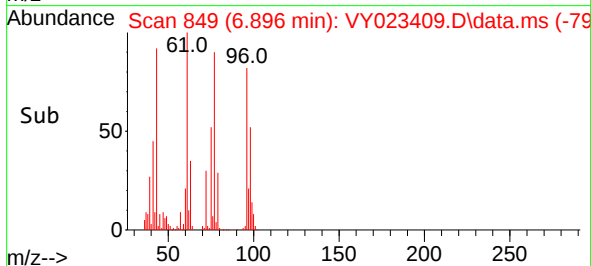
98 65.3 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#28

Bromochloromethane

Concen: 19.993 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

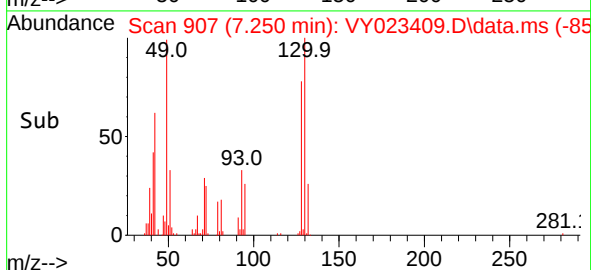
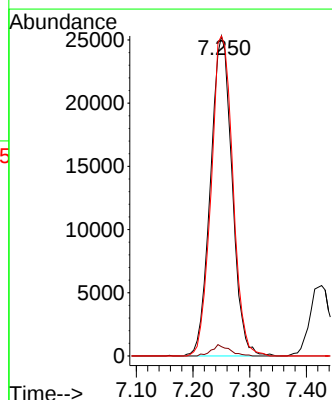
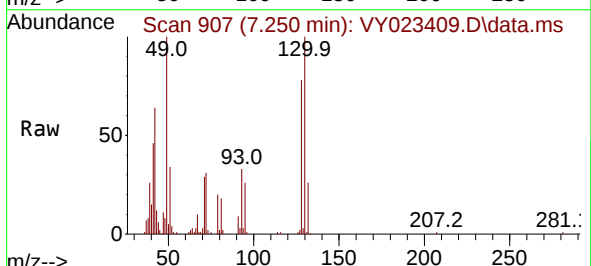
Tgt Ion: 49 Resp: 67024

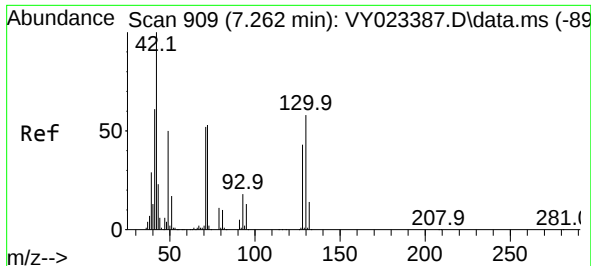
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.6

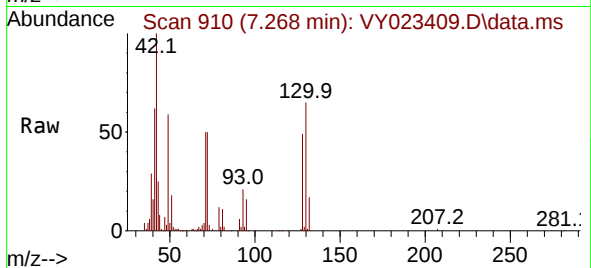
130 100.2 81.9 122.9





#29
Tetrahydrofuran
Concen: 87.306 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

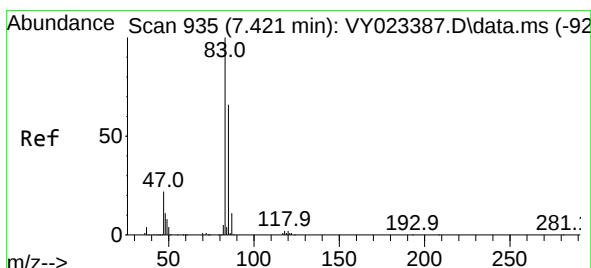
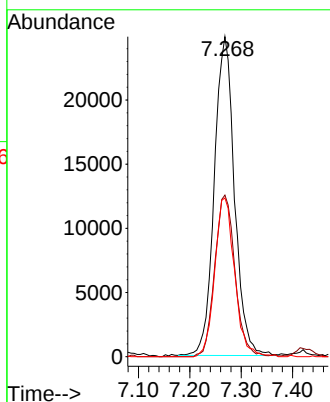
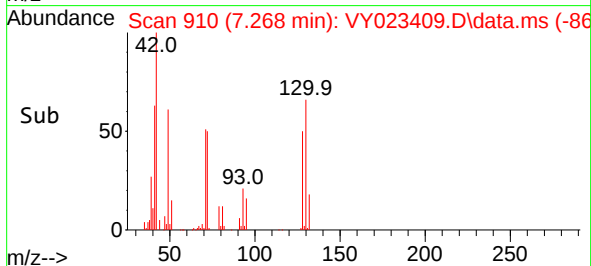
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



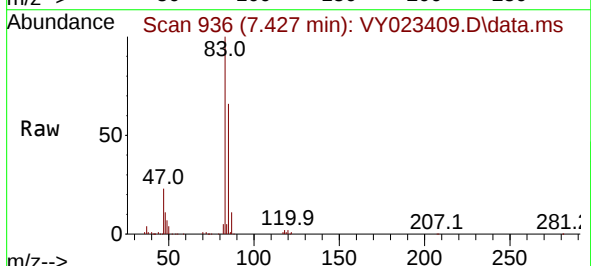
Tgt Ion: 42 Resp: 67835
Ion Ratio Lower Upper
42 100
72 50.7 43.0 64.6
71 48.9 40.1 60.1

Manual Integrations
APPROVED

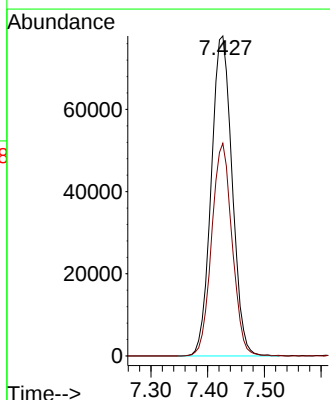
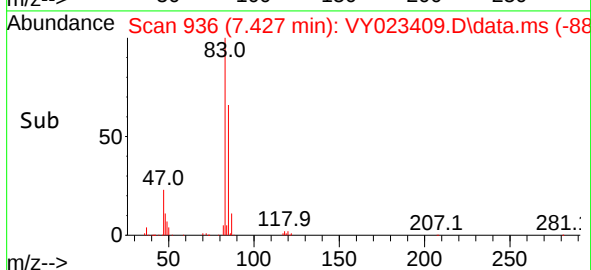
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#30
Chloroform
Concen: 20.207 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



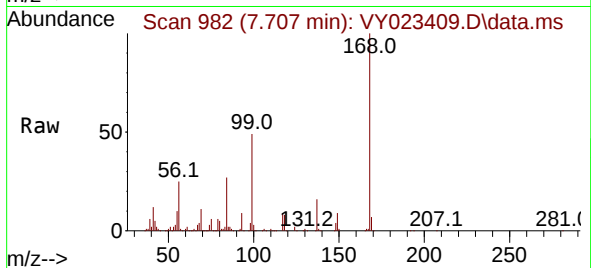
Tgt Ion: 83 Resp: 199370
Ion Ratio Lower Upper
83 100
85 66.5 52.5 78.7





#31
Cyclohexane
Concen: 19.656 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

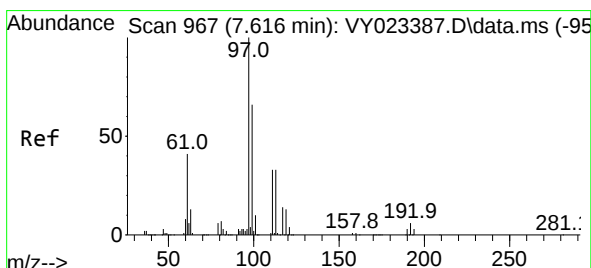
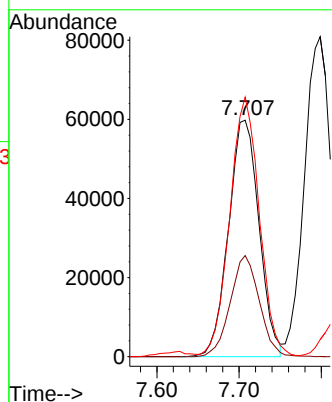
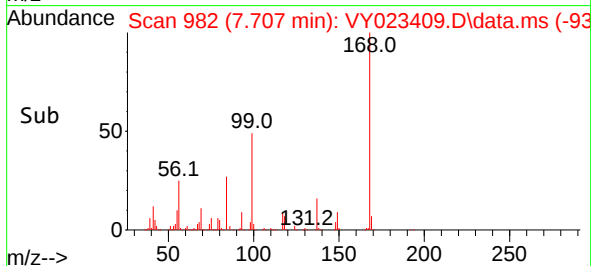
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



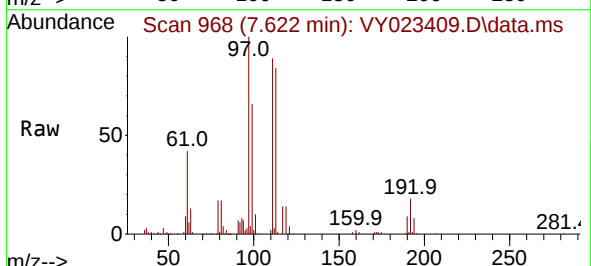
Tgt Ion: 56 Resp: 154140
Ion Ratio Lower Upper
56 100
69 42.8 30.0 45.0
84 107.5 81.2 121.8

Manual Integrations
APPROVED

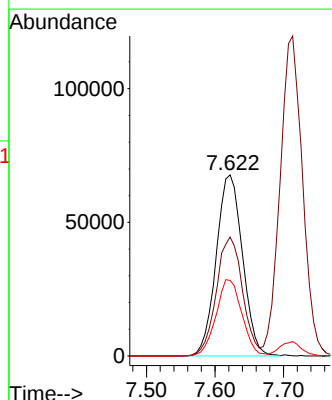
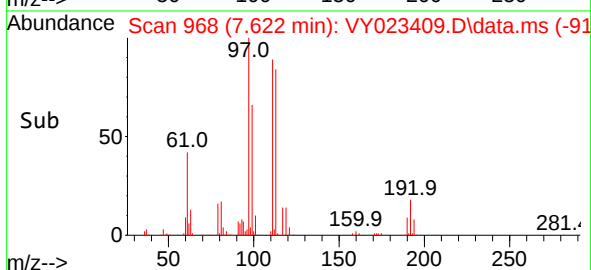
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 20.109 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



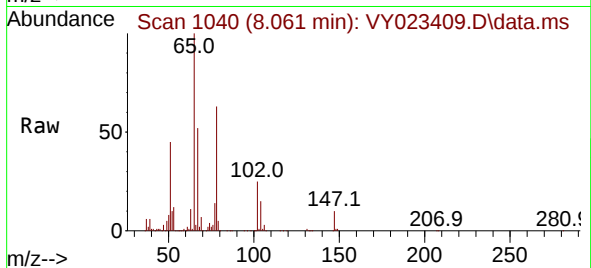
Tgt Ion: 97 Resp: 180303
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 41.5 31.9 47.9





#33
1,2-Dichloroethane-d4
Concen: 45.791 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

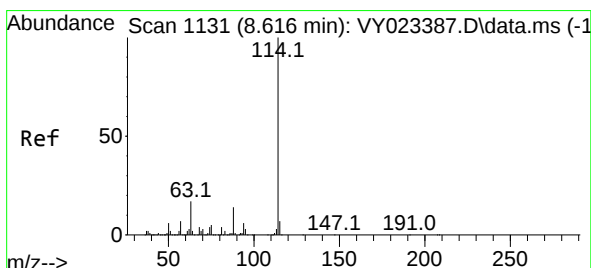
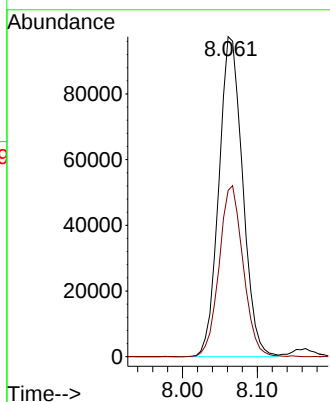
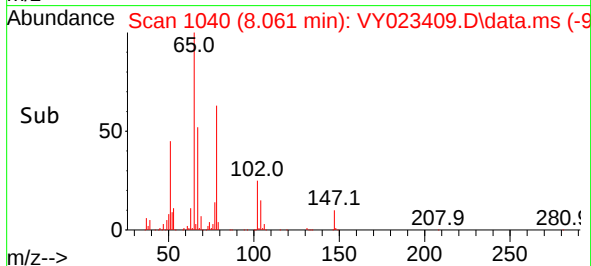
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



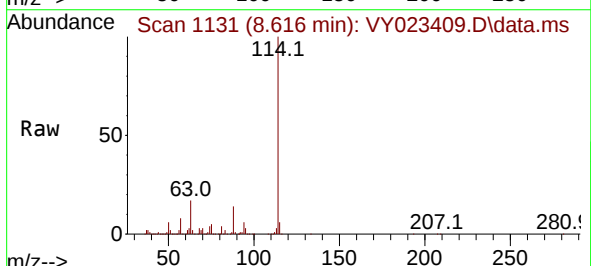
Tgt Ion: 65 Resp: 21587
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

Manual Integrations
APPROVED

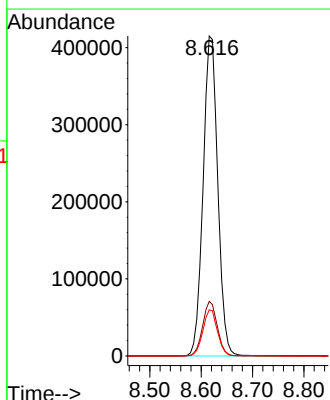
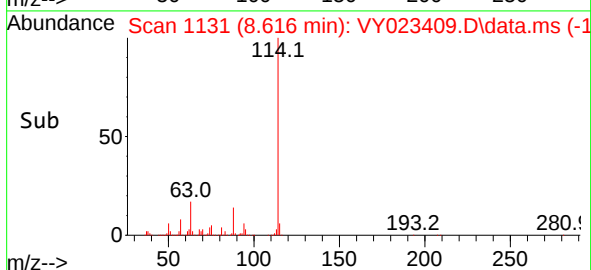
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

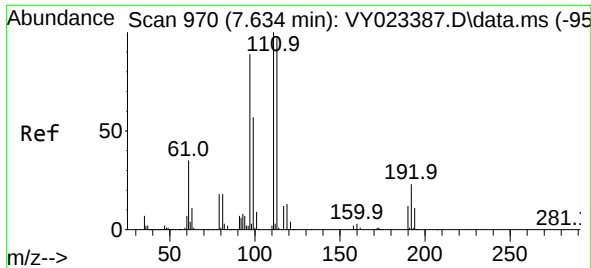


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



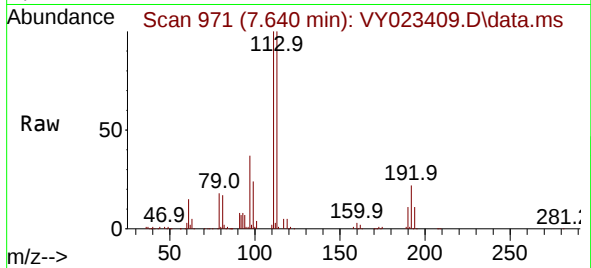
Tgt Ion:114 Resp: 821828
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.2
88 14.4 0.0 28.4





#35
Dibromofluoromethane
Concen: 47.875 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

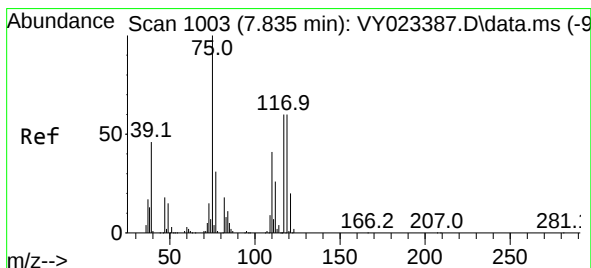
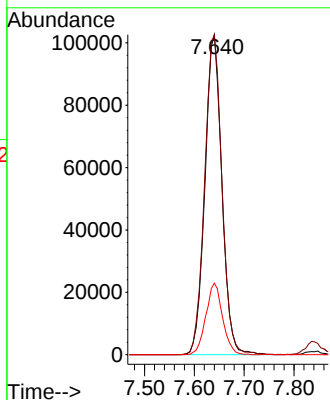
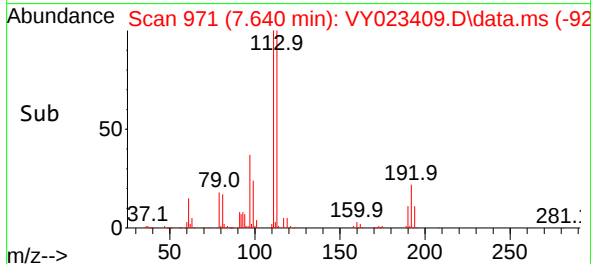
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



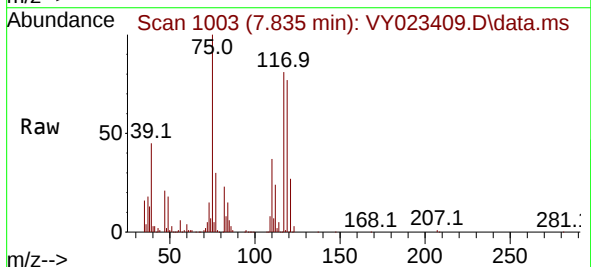
Tgt Ion:113 Resp: 241758
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.0 18.0 27.0

Manual Integrations
APPROVED

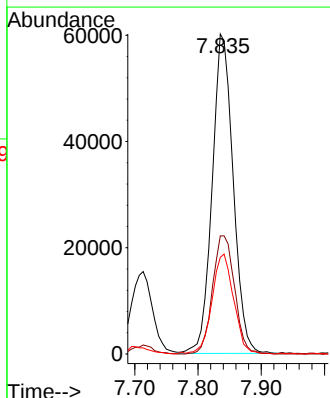
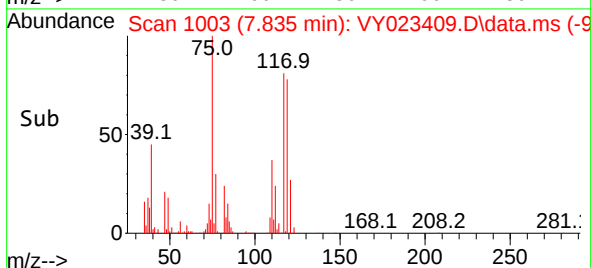
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

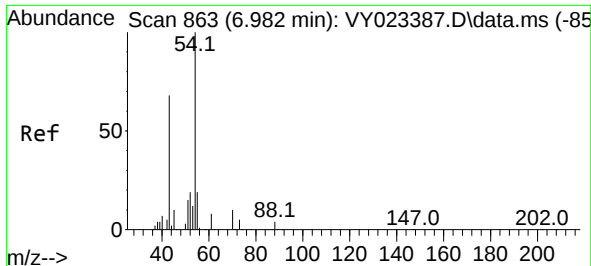


#36
1,1-Dichloropropene
Concen: 20.730 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



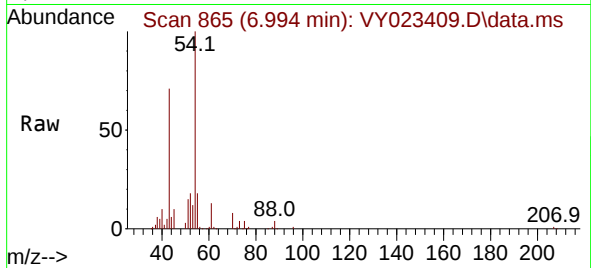
Tgt Ion: 75 Resp: 138589
Ion Ratio Lower Upper
75 100
110 38.7 19.9 59.7
77 32.4 25.0 37.6





#37
Ethyl Acetate
Concen: 19.403 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.012 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

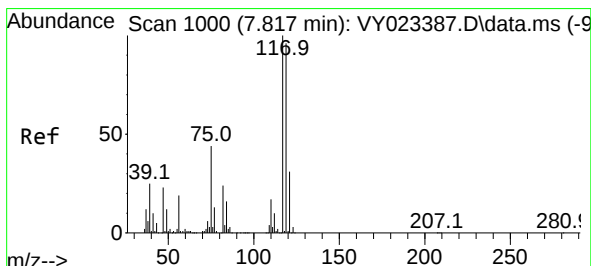
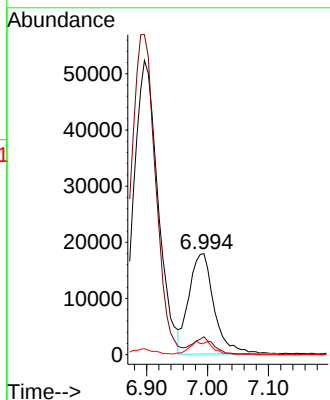
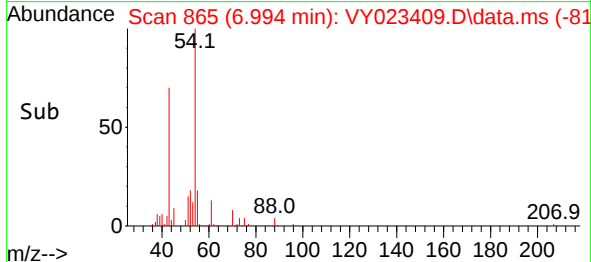
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



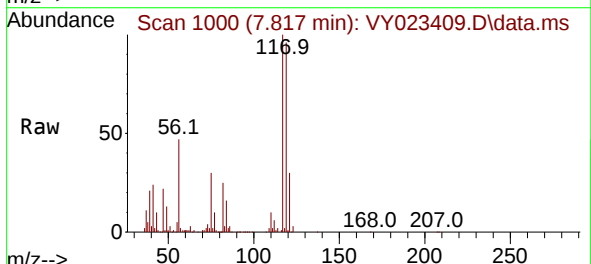
Tgt Ion: 43 Resp: 5139
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.8
70 12.5 10.5 15.7

Manual Integrations
APPROVED

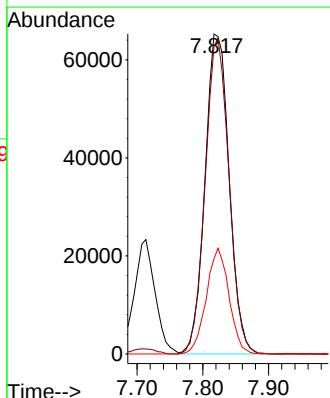
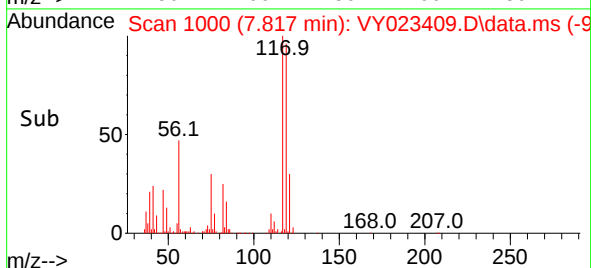
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#38
Carbon Tetrachloride
Concen: 20.621 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



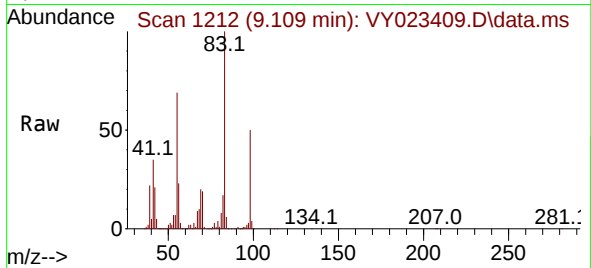
Tgt Ion:117 Resp: 167157
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 29.8 24.5 36.7





#39
Methylcyclohexane
Concen: 20.060 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

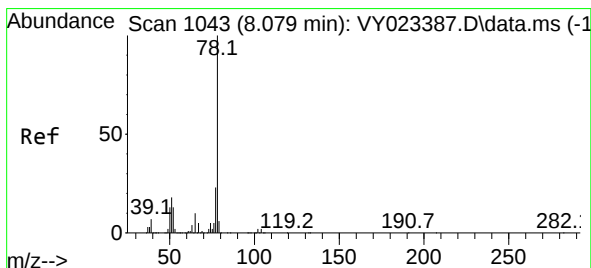
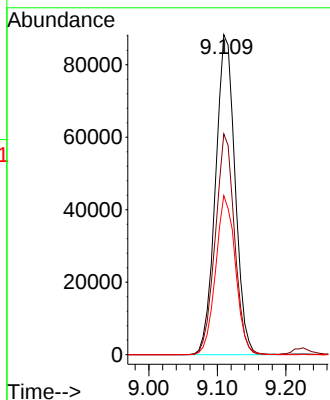
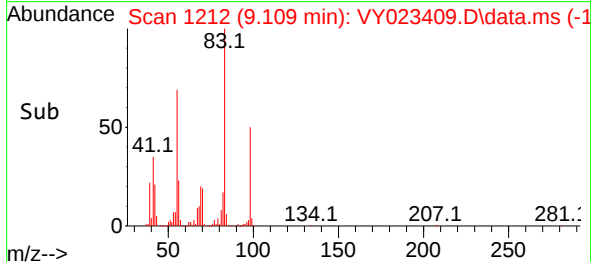
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



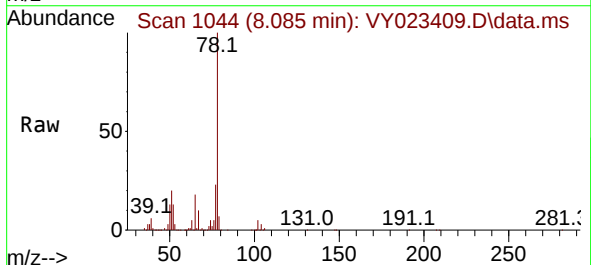
Tgt Ion: 83 Resp: 174614
Ion Ratio Lower Upper
83 100
55 69.0 51.4 77.2
98 49.7 40.4 60.6

Manual Integrations
APPROVED

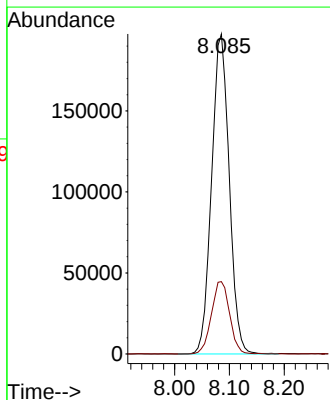
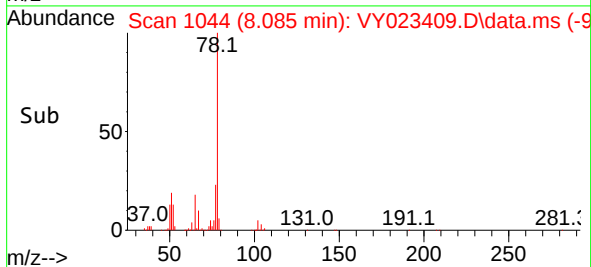
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

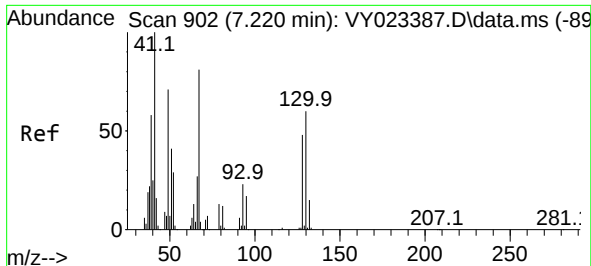


#40
Benzene
Concen: 20.779 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



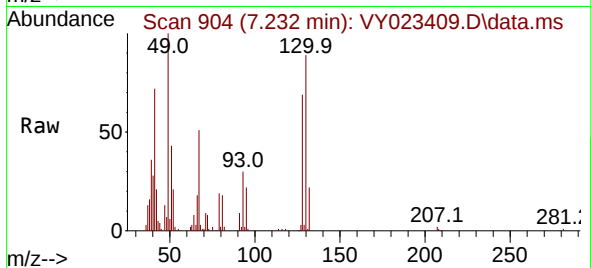
Tgt Ion: 78 Resp: 439932
Ion Ratio Lower Upper
78 100
77 22.6 18.3 27.5





#41
Methacrylonitrile
Concen: 17.398 ug/l
RT: 7.232 min Scan# 902
Delta R.T. 0.012 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

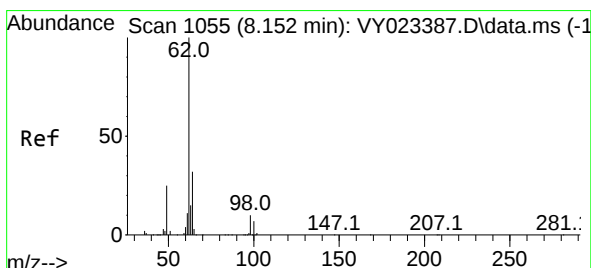
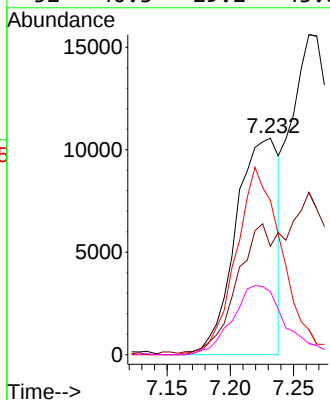
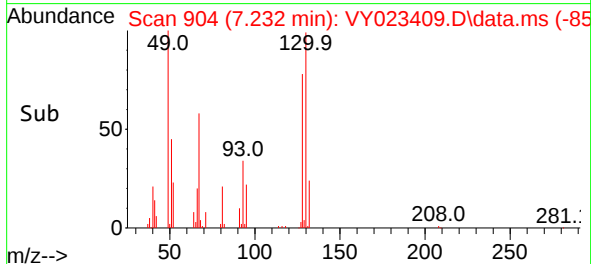
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 41 Resp: 2492
Ion Ratio Lower Upper
41 100
39 47.4 52.2 78.4
67 95.3 74.9 112.3
52 40.3 29.2 43.8

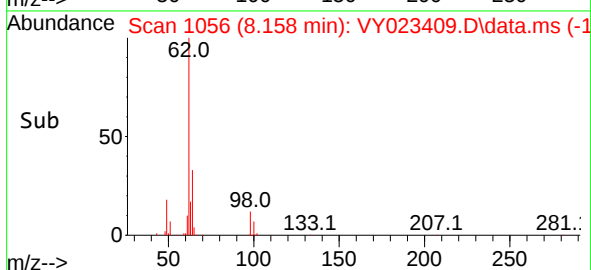
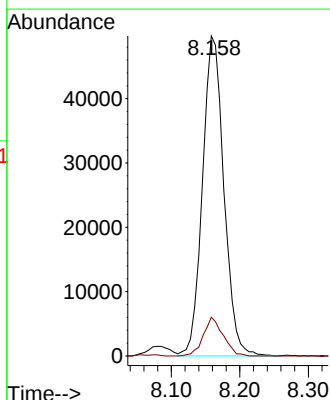
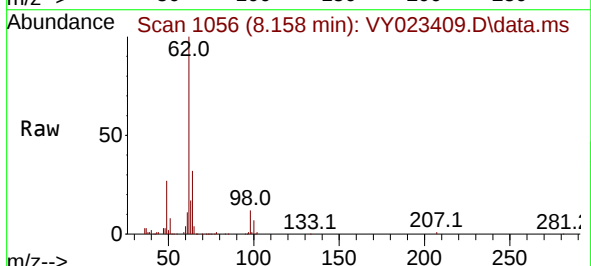
Manual Integrations
APPROVED

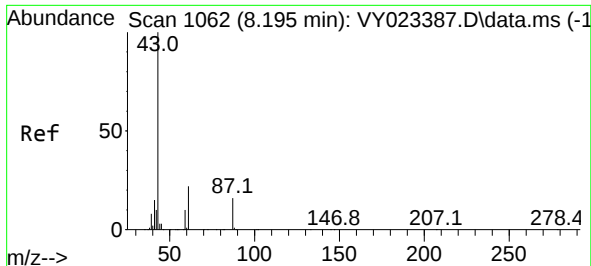
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#42
1,2-Dichloroethane
Concen: 19.817 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

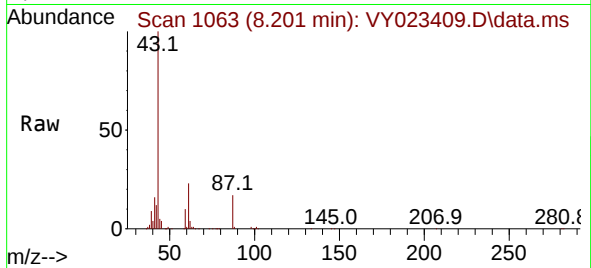
Tgt Ion: 62 Resp: 108207
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.6





#43
Isopropyl Acetate
Concen: 18.274 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

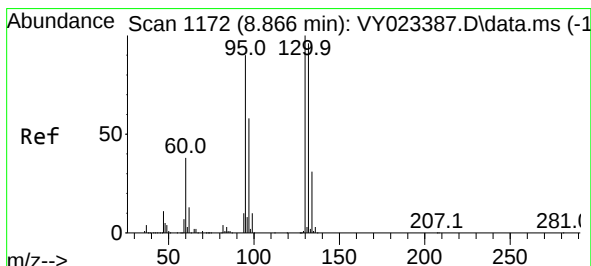
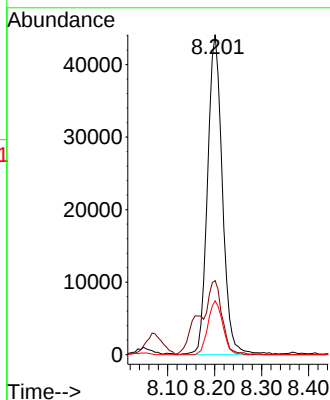
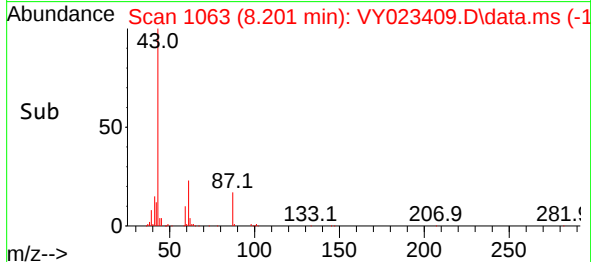
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 43 Resp: 96508
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 16.8 13.5 20.3

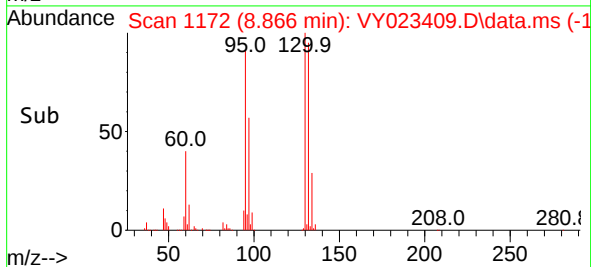
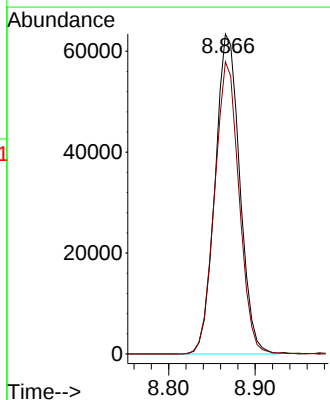
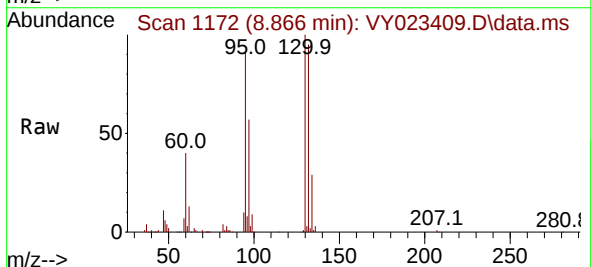
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 20.173 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:130 Resp: 125009
Ion Ratio Lower Upper
130 100
95 91.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.582 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

Tgt Ion: 63 Resp: 9624

Ion Ratio Lower Upper

63 100

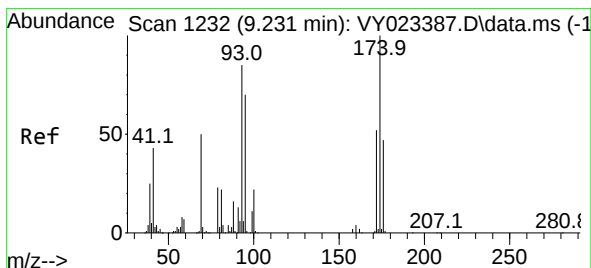
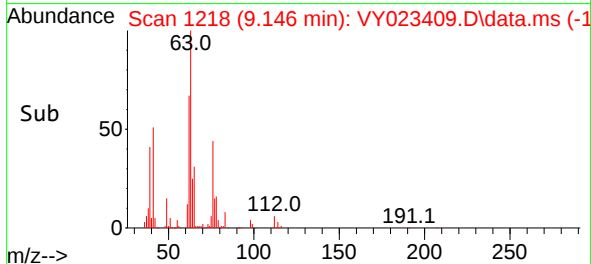
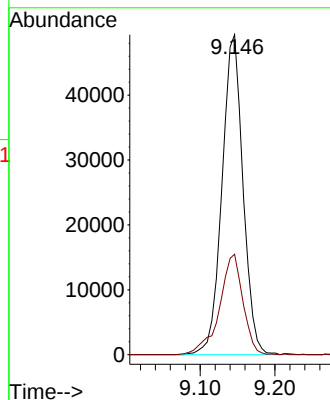
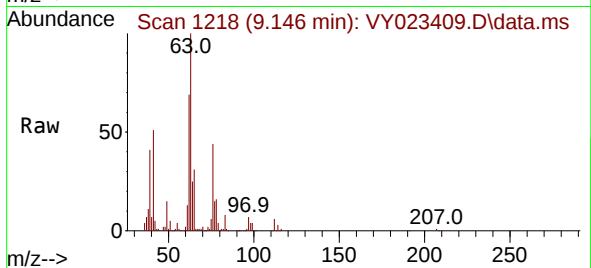
65 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#46

Dibromomethane

Concen: 19.746 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

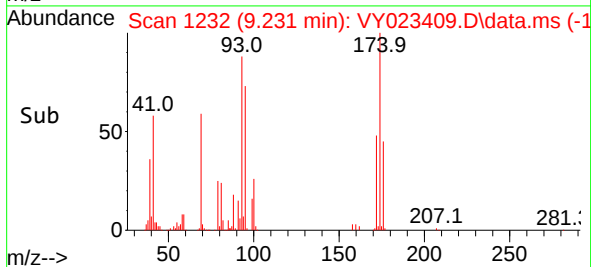
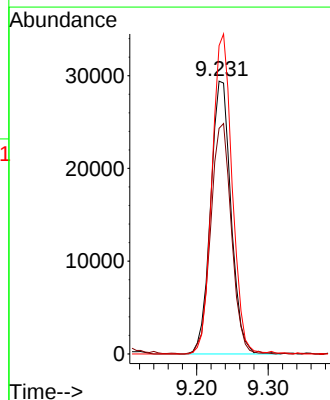
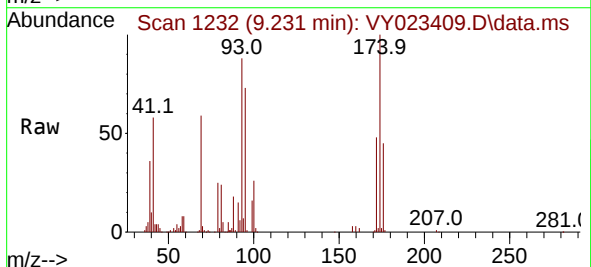
Tgt Ion: 93 Resp: 58388

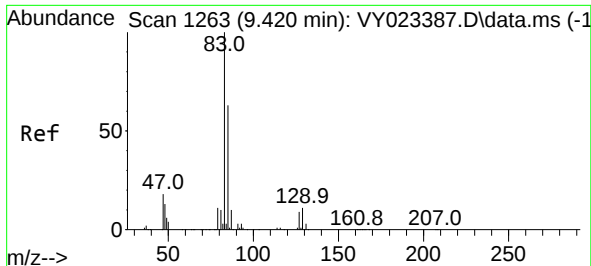
Ion Ratio Lower Upper

93 100

95 85.4 65.4 98.0

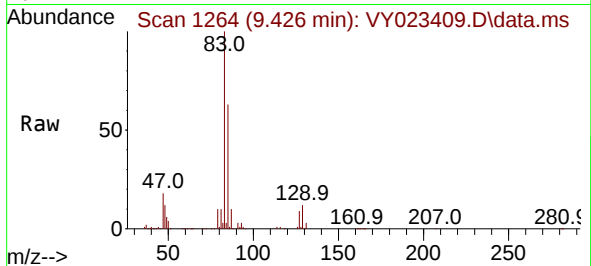
174 115.1 92.9 139.3





#47
Bromodichloromethane
Concen: 20.033 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

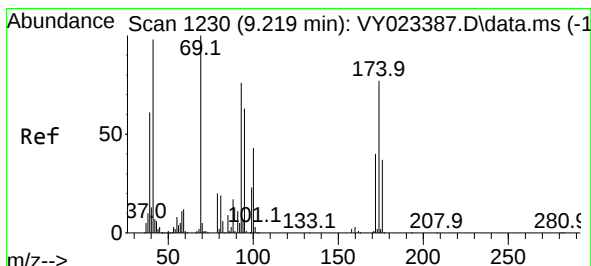
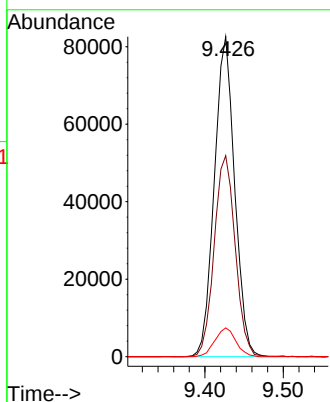
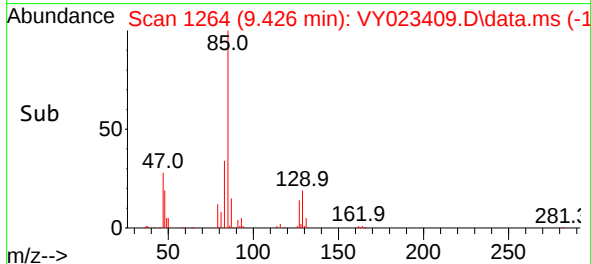
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 83 Resp: 14919
Ion Ratio Lower Upper
83 100
85 62.8 50.8 76.2
127 9.0 7.4 11.2

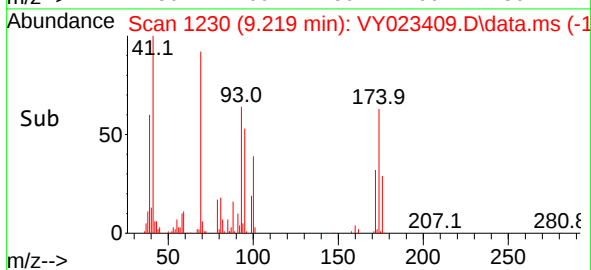
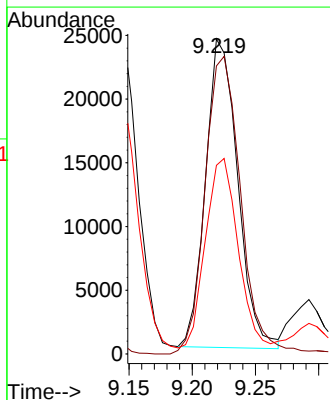
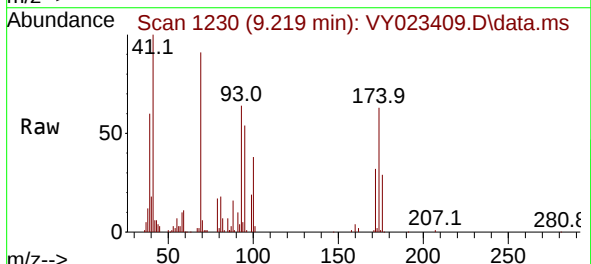
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 17.242 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

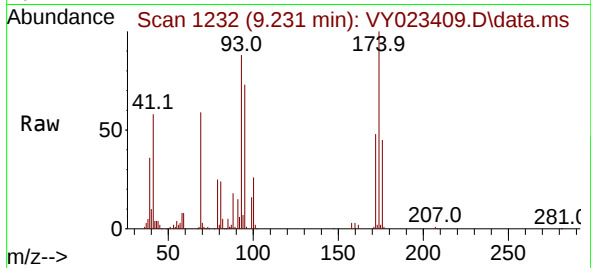
Tgt Ion: 41 Resp: 42780
Ion Ratio Lower Upper
41 100
69 107.7 81.0 121.4
39 62.4 48.2 72.4





#49
1,4-Dioxane
Concen: 357.190 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

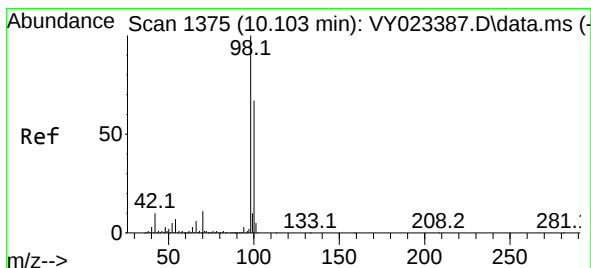
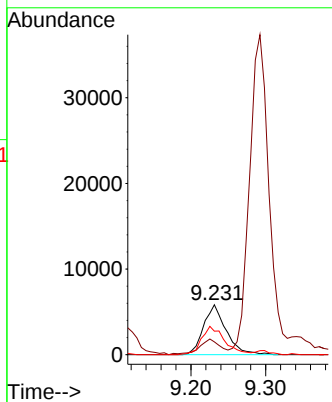
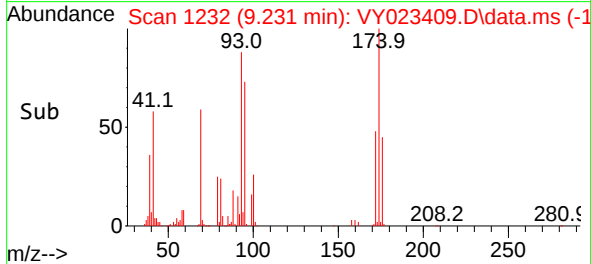
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



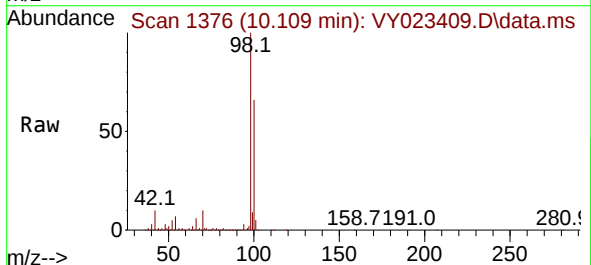
Tgt Ion: 88 Resp: 12240
Ion Ratio Lower Upper
88 100
43 28.8 21.8 32.8
58 58.1 46.8 70.2

Manual Integrations
APPROVED

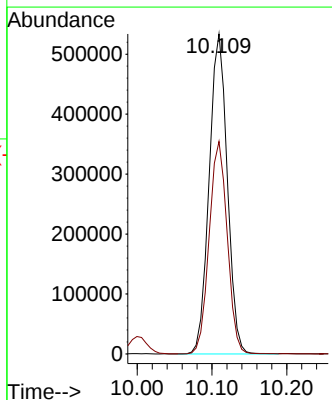
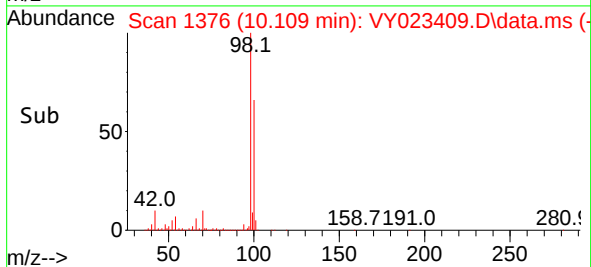
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

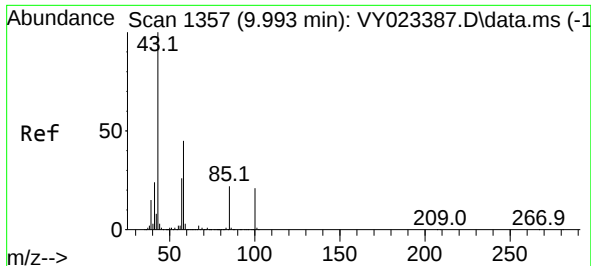


#50
Toluene-d8
Concen: 47.870 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



Tgt Ion: 98 Resp: 900230
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4





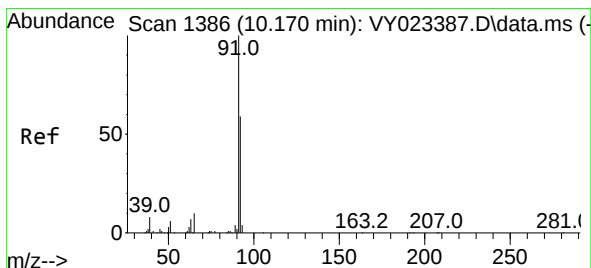
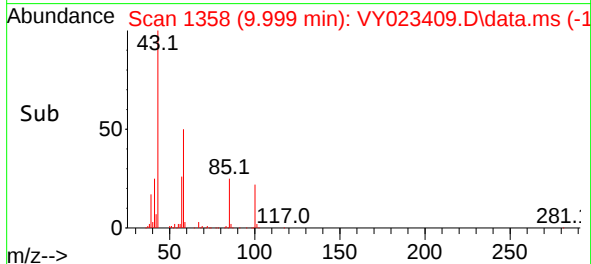
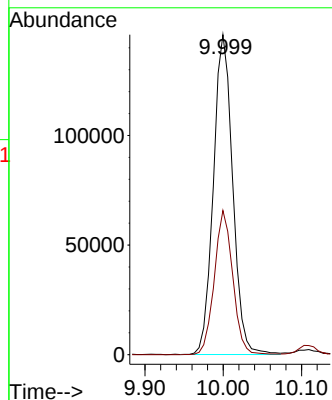
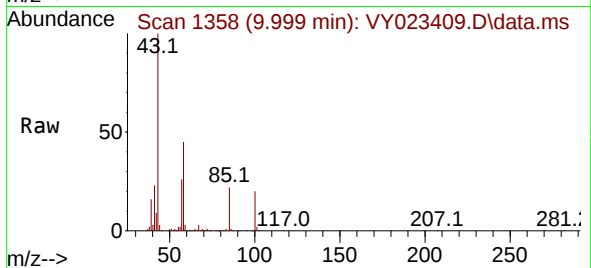
#51
4-Methyl-2-Pentanone
Concen: 91.743 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

Tgt Ion: 43 Resp: 250333
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9

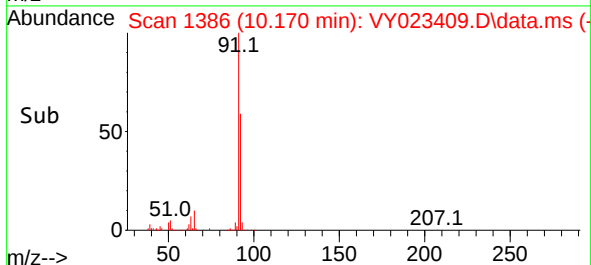
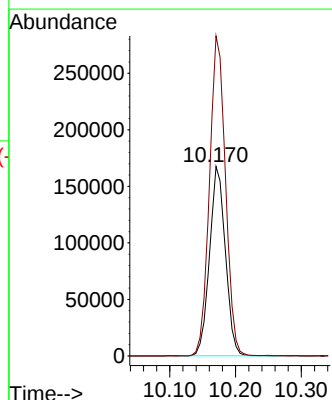
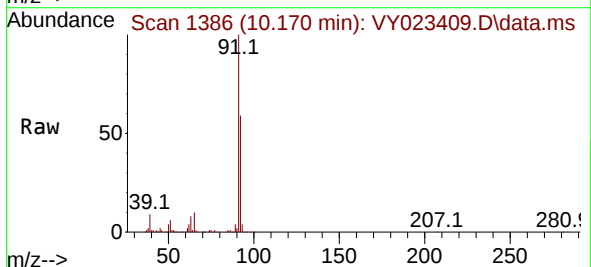
Manual Integrations
APPROVED

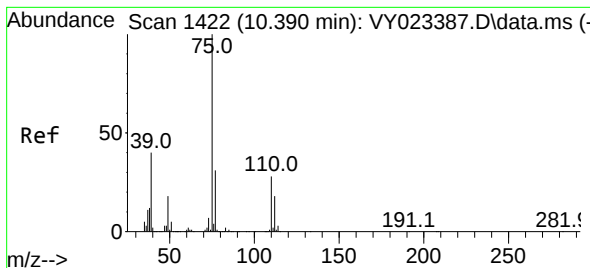
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#52
Toluene
Concen: 20.376 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

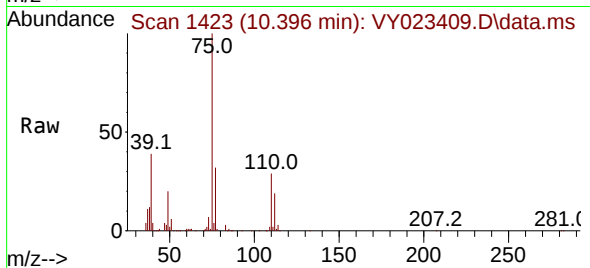
Tgt Ion: 92 Resp: 280105
Ion Ratio Lower Upper
92 100
91 171.4 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 18.844 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

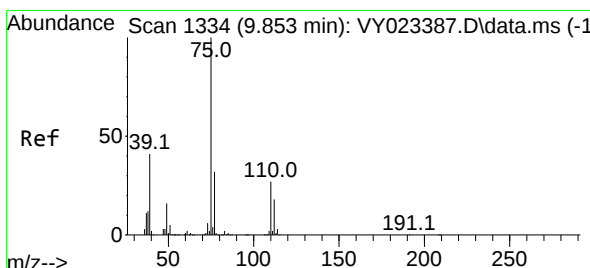
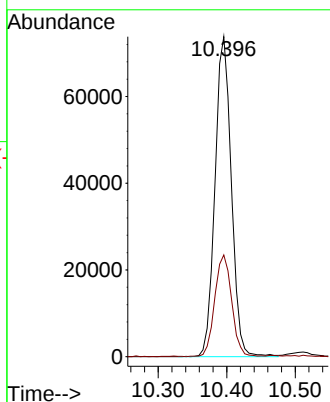
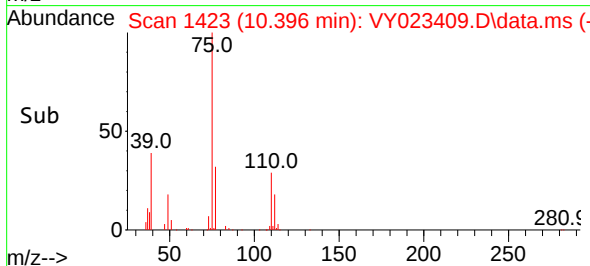
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



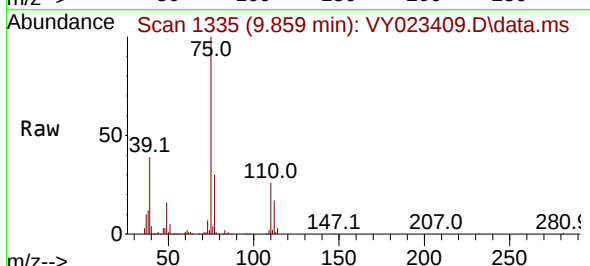
Tgt Ion: 75 Resp: 122023
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

Manual Integrations
APPROVED

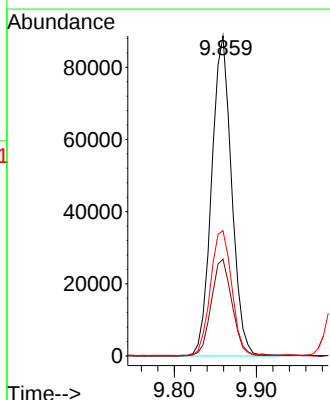
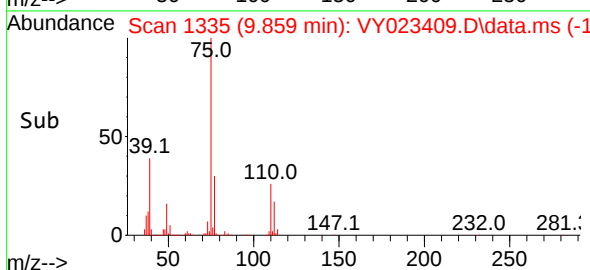
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

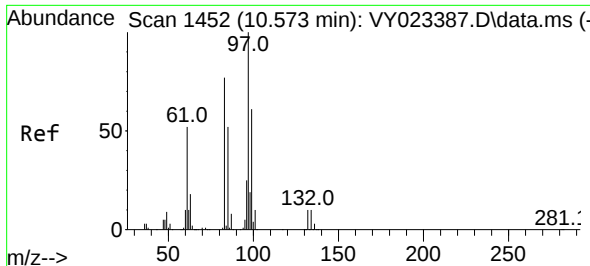


#54
cis-1,3-Dichloropropene
Concen: 19.607 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



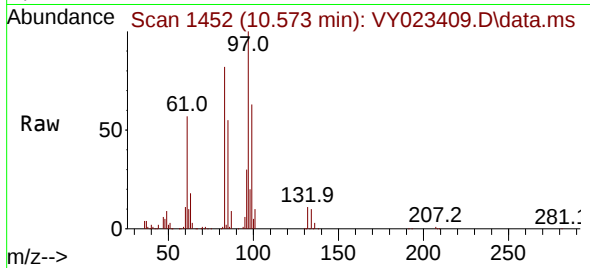
Tgt Ion: 75 Resp: 149849
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 39.0 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 19.541 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

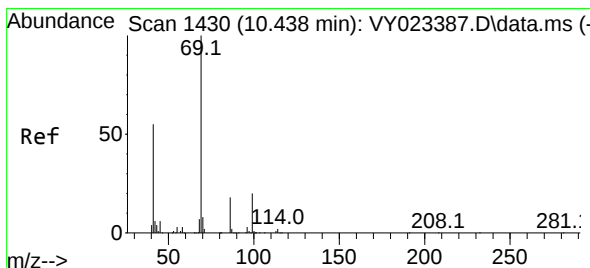
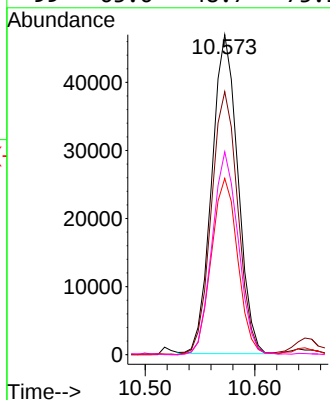
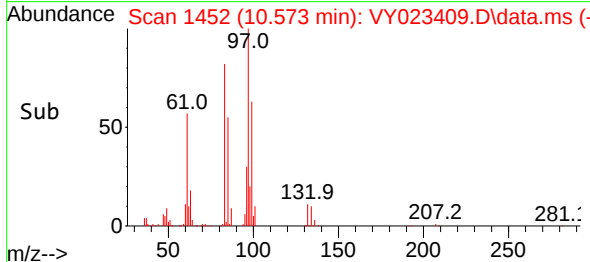
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



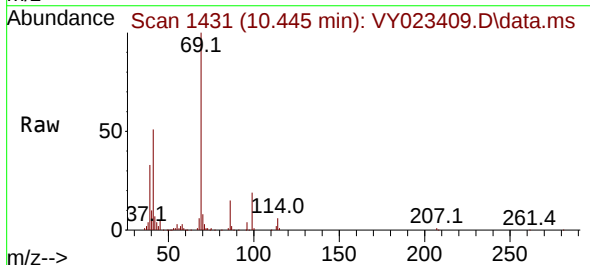
Tgt Ion: 97	Resp: 7770
Ion Ratio	Lower Upper
97 100	
83 82.5	61.8 92.6
85 55.3	41.3 61.9
99 63.6	48.7 73.1

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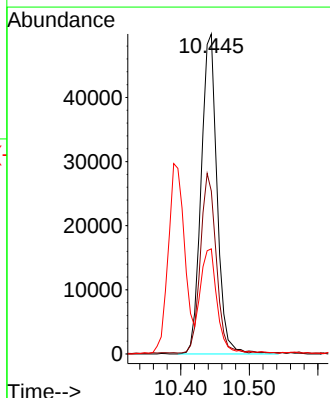
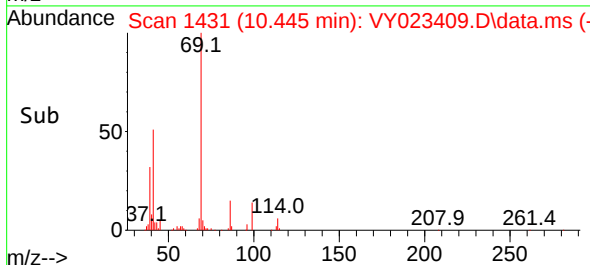
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

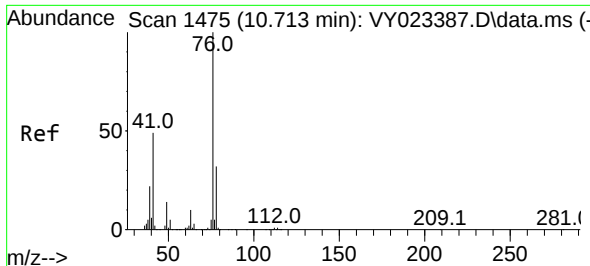


#56
Ethyl methacrylate
Concen: 17.609 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



Tgt Ion: 69	Resp: 80772
Ion Ratio	Lower Upper
69 100	
41 55.4	44.6 67.0
39 33.0	27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.631 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

Tgt Ion: 76 Resp: 123698

Ion Ratio Lower Upper

76 100

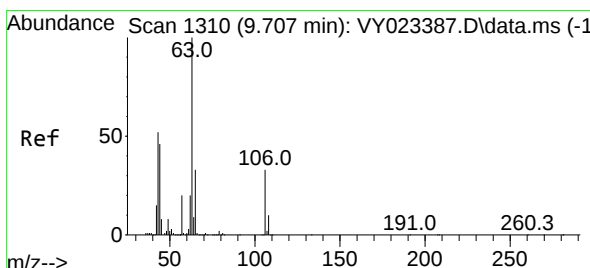
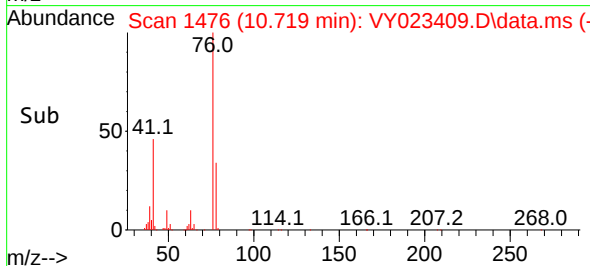
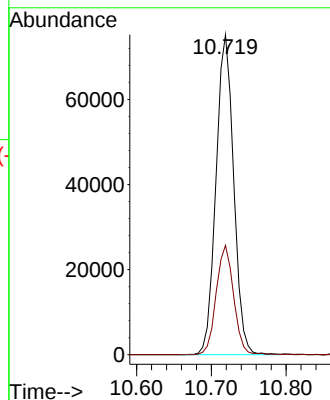
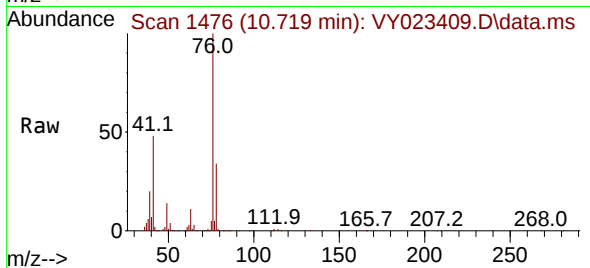
78 33.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 88.669 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023409.D

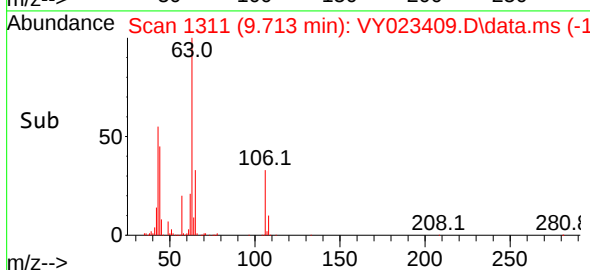
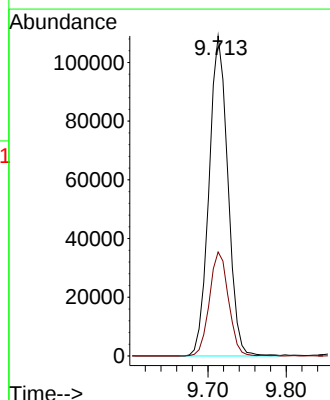
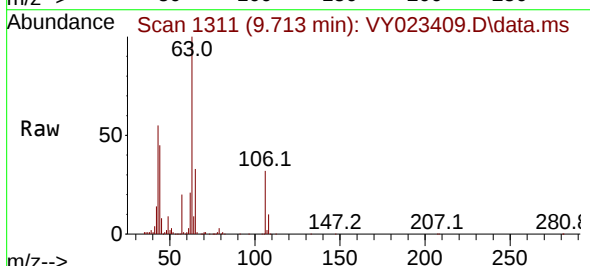
Acq: 09 Oct 2025 09:45

Tgt Ion: 63 Resp: 182196

Ion Ratio Lower Upper

63 100

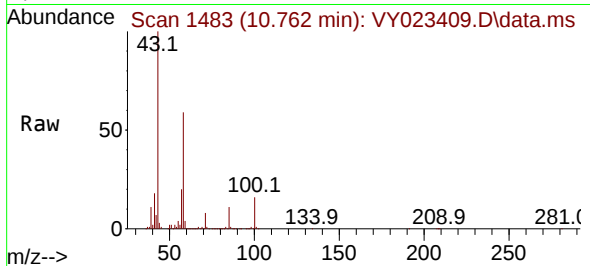
106 32.8 26.6 39.8





#59
2-Hexanone
Concen: 101.063 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

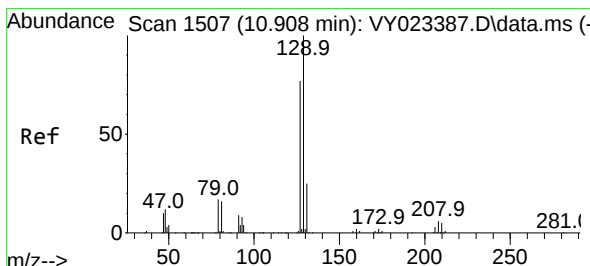
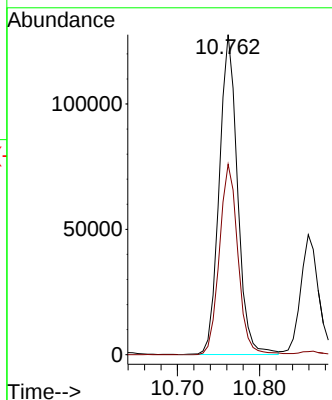
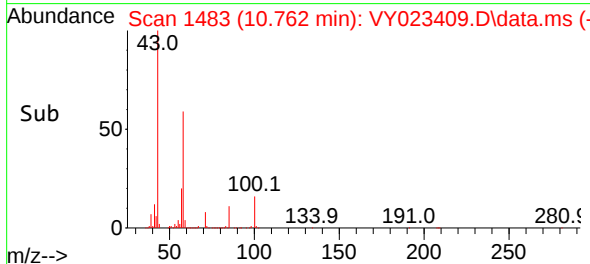
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



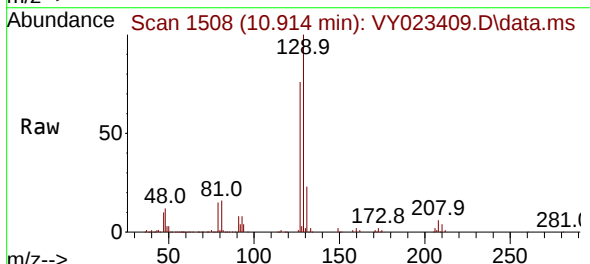
Tgt Ion: 43 Resp: 197074
Ion Ratio Lower Upper
43 100
58 60.5 30.5 91.5

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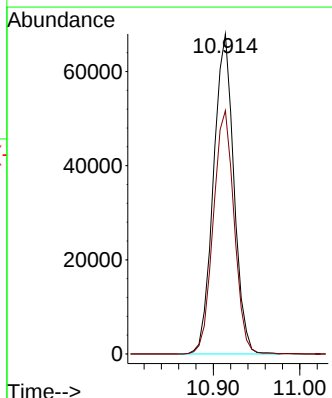
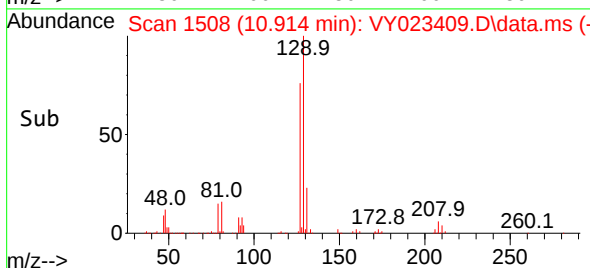
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

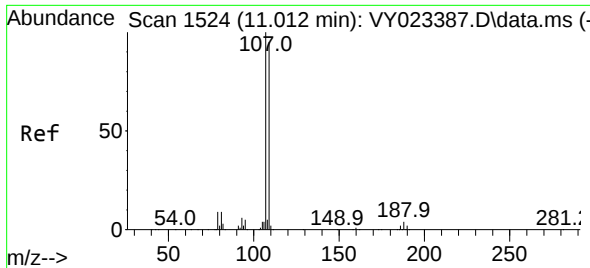


#60
Dibromochloromethane
Concen: 19.945 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



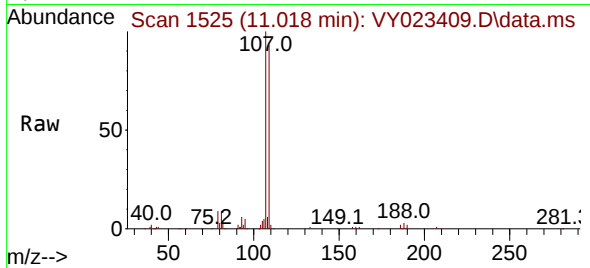
Tgt Ion:129 Resp: 111195
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.363 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

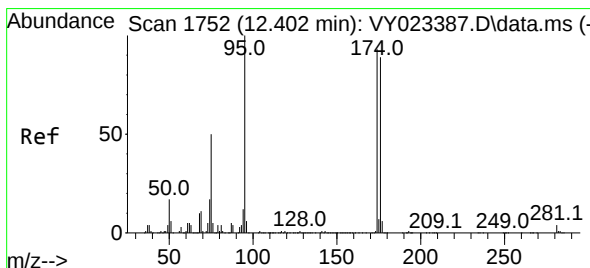
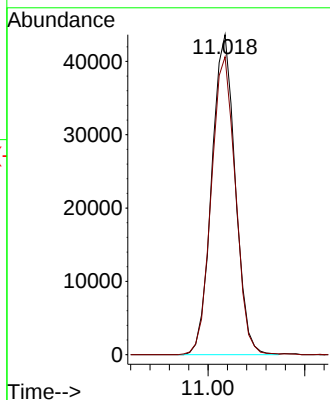
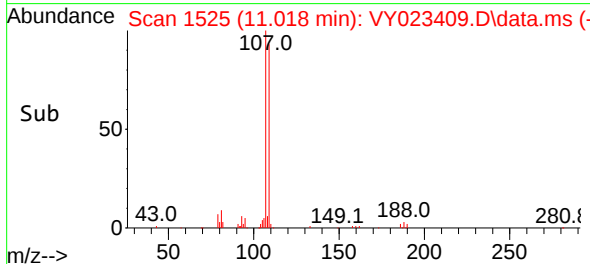
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



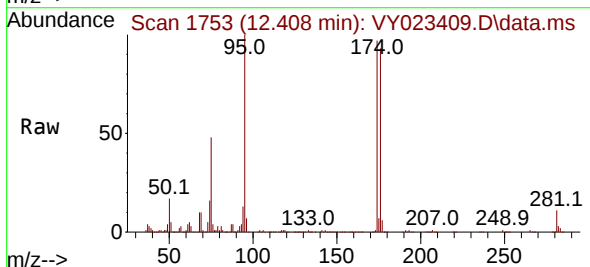
Tgt Ion:107 Resp: 73429
Ion Ratio Lower Upper
107 100
109 95.6 76.1 114.1

Manual Integrations
APPROVED

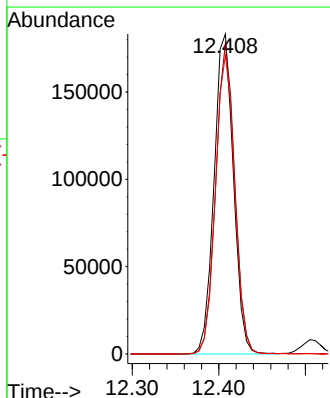
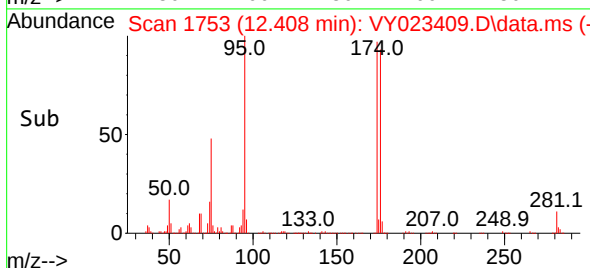
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

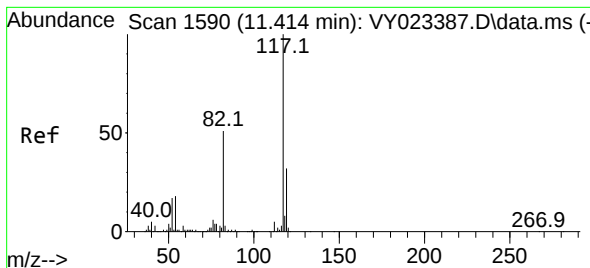


#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



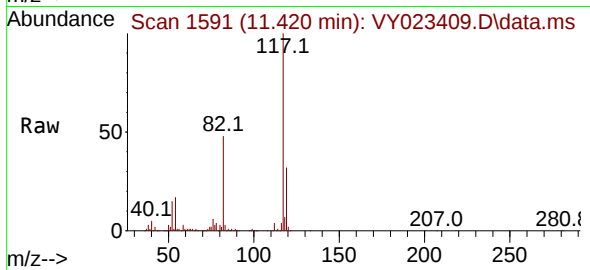
Tgt Ion: 95 Resp: 285471
Ion Ratio Lower Upper
95 100
174 95.1 0.0 192.8
176 92.8 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

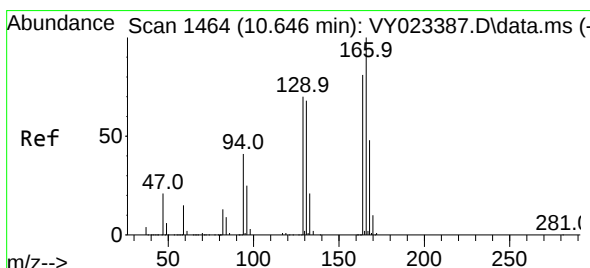
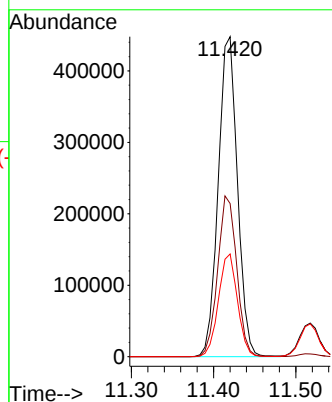
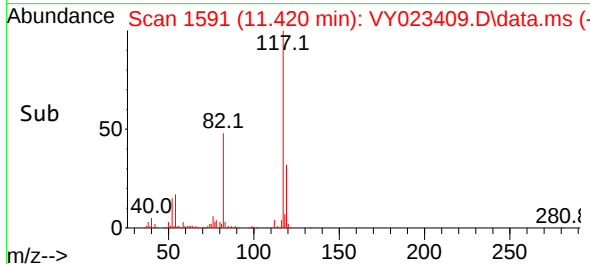
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



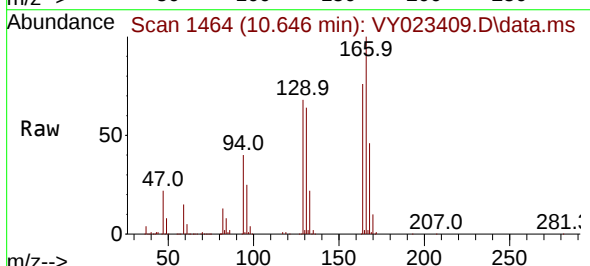
Tgt Ion:117 Resp: 727518
Ion Ratio Lower Upper
117 100
82 47.8 41.0 61.4
119 32.1 25.6 38.4

Manual Integrations
APPROVED

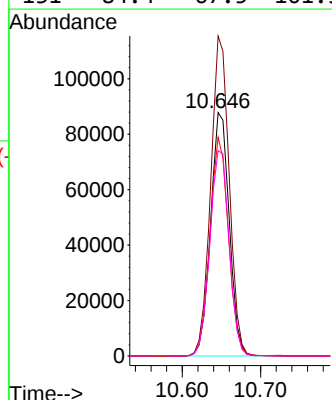
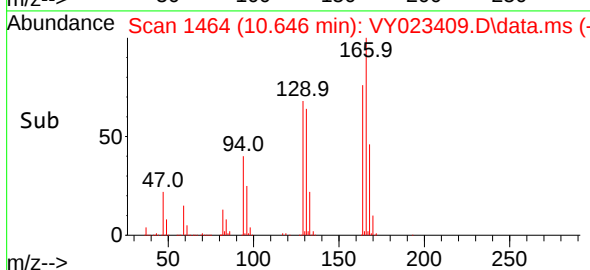
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

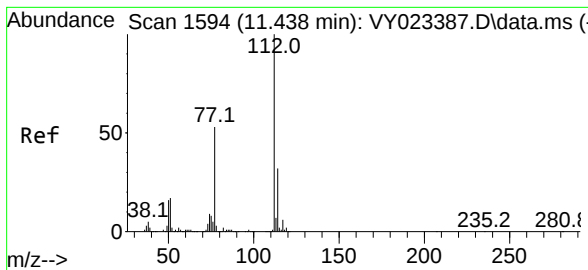


#64
Tetrachloroethene
Concen: 19.382 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



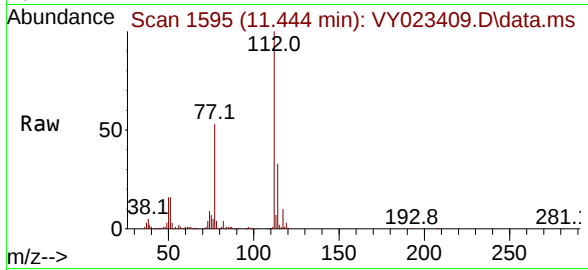
Tgt Ion:164 Resp: 145594
Ion Ratio Lower Upper
164 100
166 131.5 99.4 149.0
129 89.9 69.4 104.2
131 84.4 67.5 101.3





#65
Chlorobenzene
Concen: 19.845 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

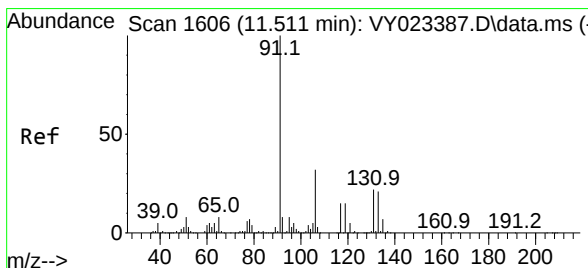
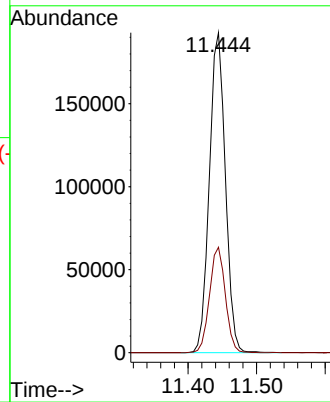
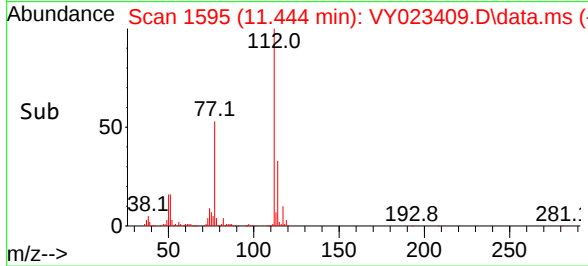
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



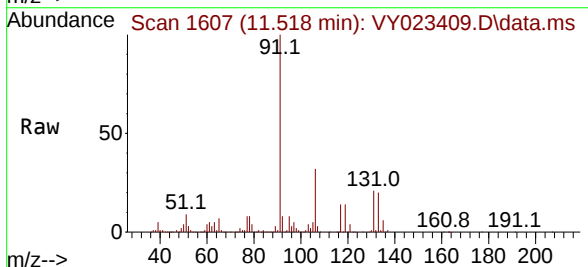
Tgt Ion:112 Resp: 314010
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

Manual Integrations
APPROVED

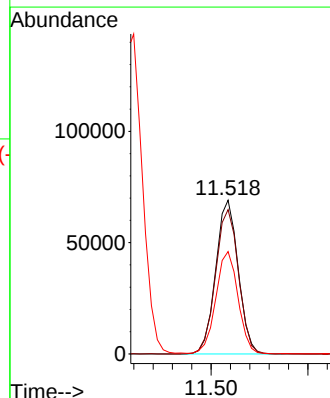
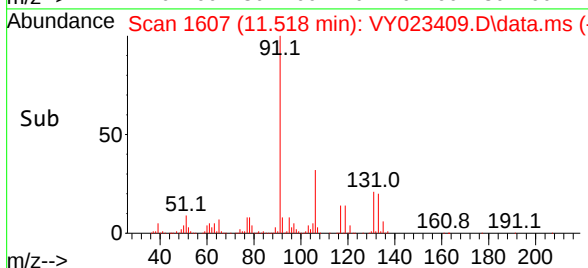
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

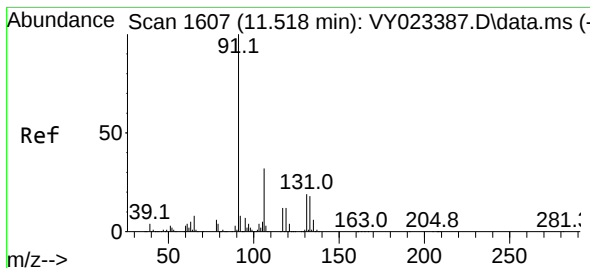


#66
1,1,1,2-Tetrachloroethane
Concen: 19.715 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



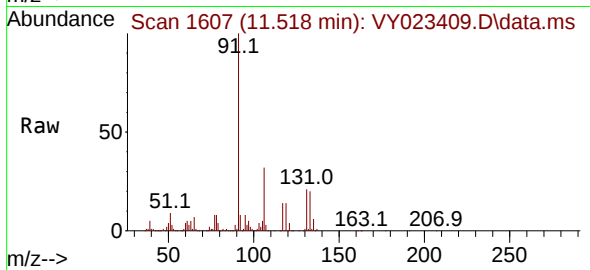
Tgt Ion:131 Resp: 111165
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.2
119 66.2 32.4 97.2





#67
Ethyl Benzene
Concen: 19.876 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

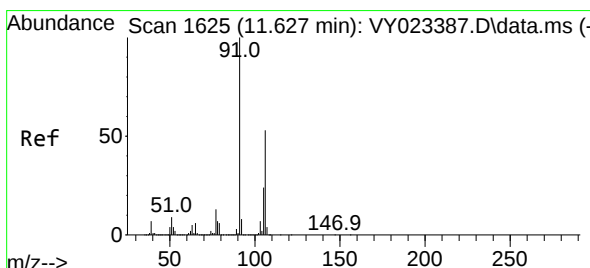
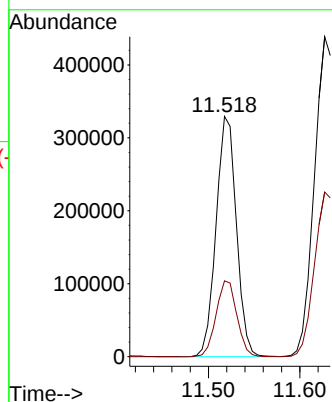
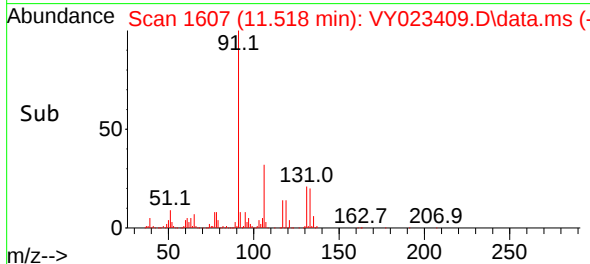
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 91 Resp: 509085
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8

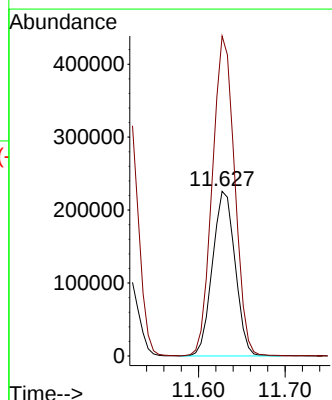
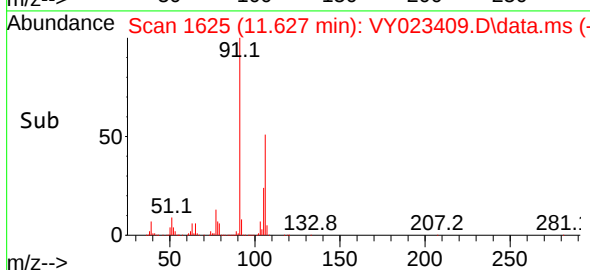
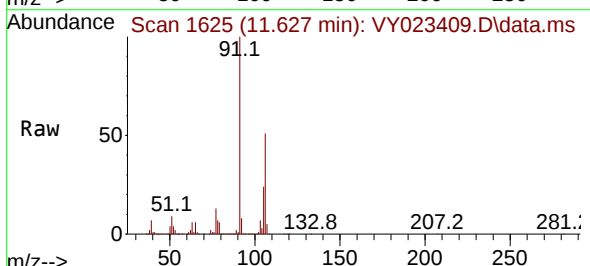
Manual Integrations
APPROVED

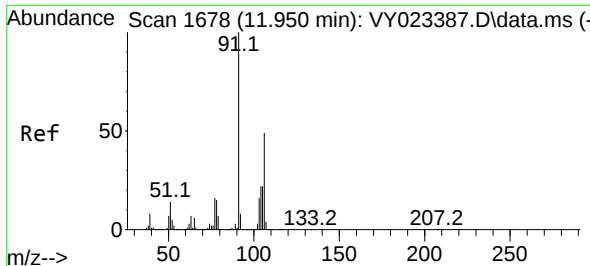
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#68
m/p-Xylenes
Concen: 39.916 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

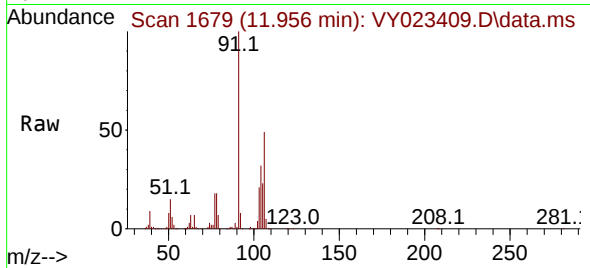
Tgt Ion:106 Resp: 410062
Ion Ratio Lower Upper
106 100
91 191.7 152.6 229.0





#69
o-Xylene
Concen: 19.581 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

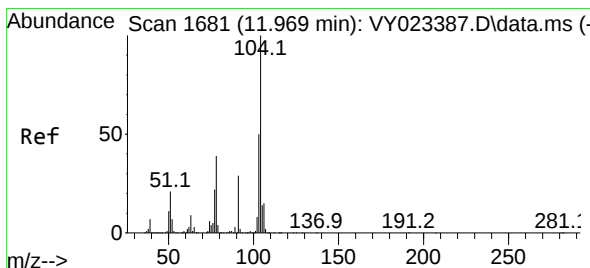
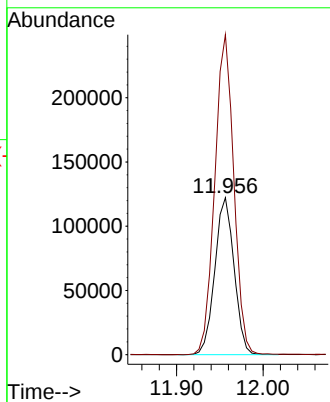
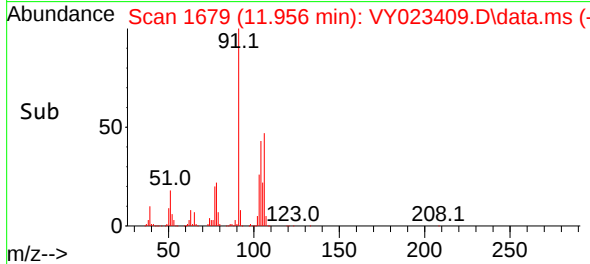
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion:106 Resp: 18868
Ion Ratio Lower Upper
106 100
91 201.8 101.4 304.1

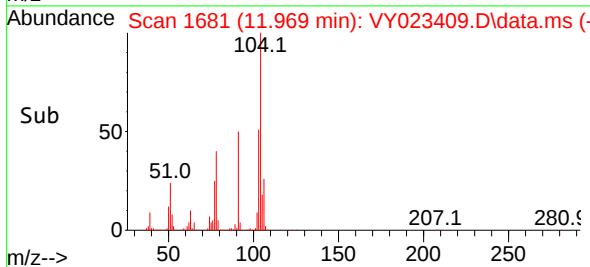
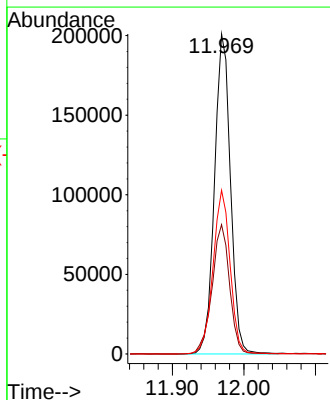
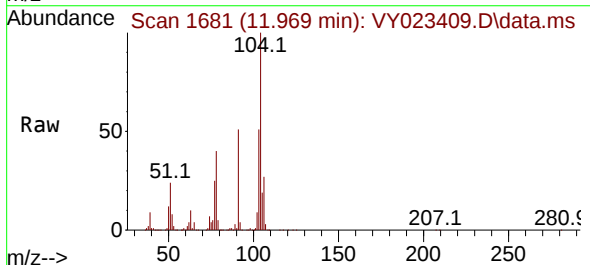
Manual Integrations
APPROVED

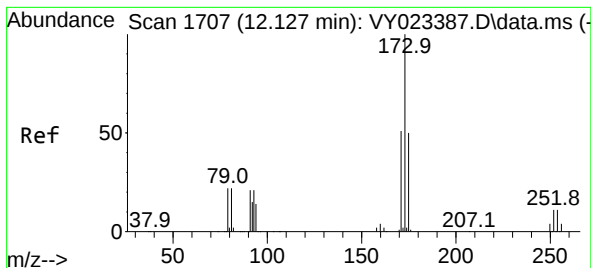
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#70
Styrene
Concen: 19.677 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:104 Resp: 311804
Ion Ratio Lower Upper
104 100
78 44.3 36.1 54.1
103 54.8 43.2 64.8





#71

Bromoform

Concen: 18.390 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

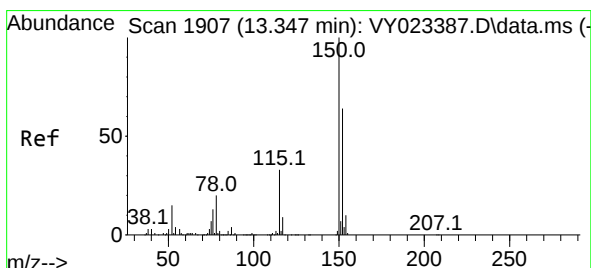
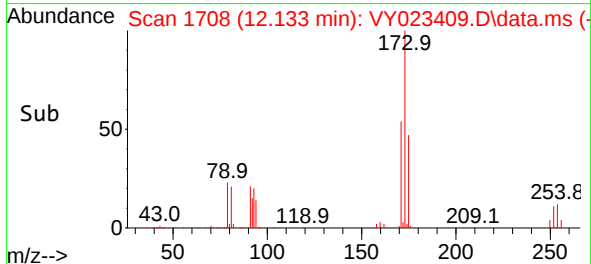
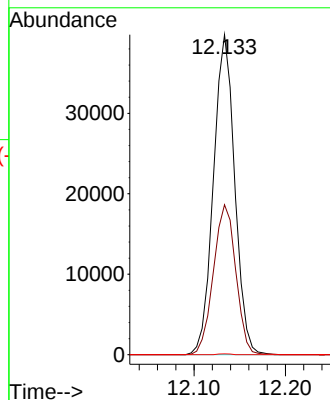
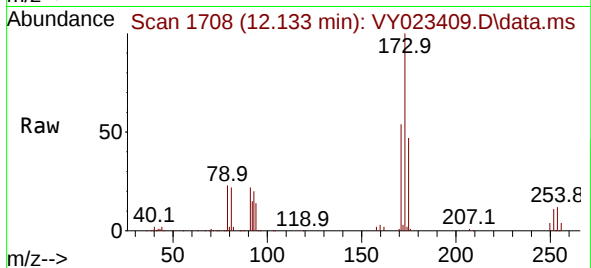
Tgt Ion:173 Resp: 6432

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.8	74.3
254	0.2	0.1	0.1

Manual Integrations

APPROVED

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

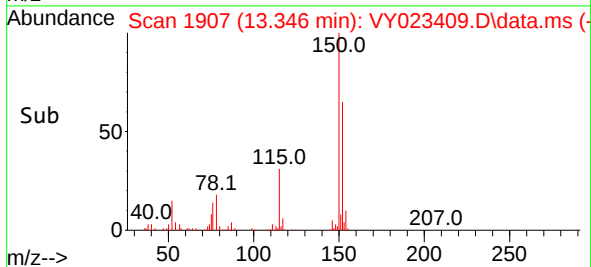
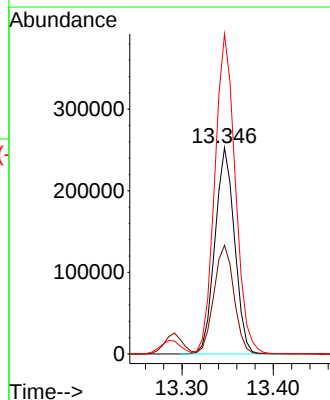
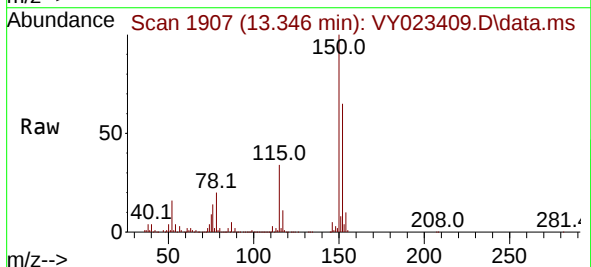
Delta R.T. -0.000 min

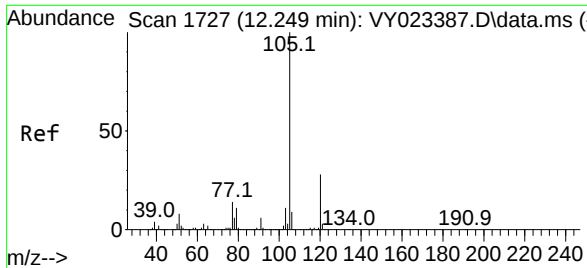
Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Tgt Ion:152 Resp: 376801

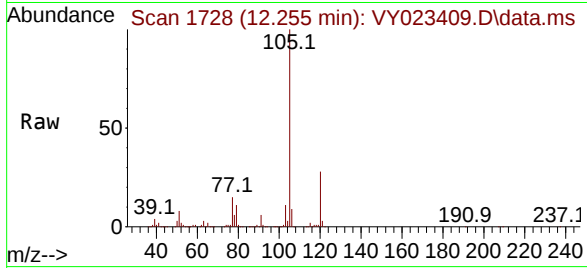
Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.1	81.2
150	162.6	0.0	347.4





#73
Isopropylbenzene
Concen: 19.864 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

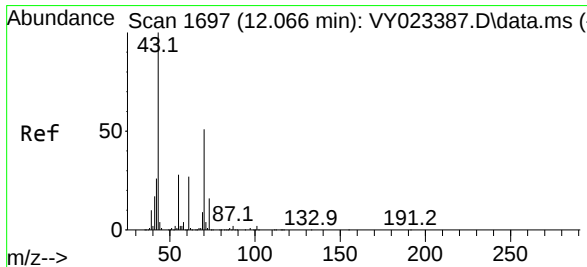
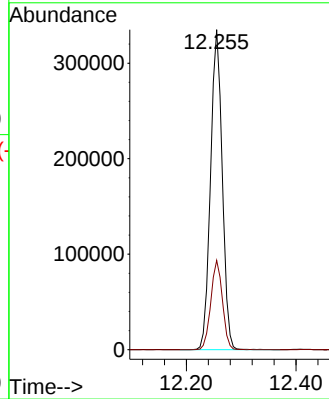
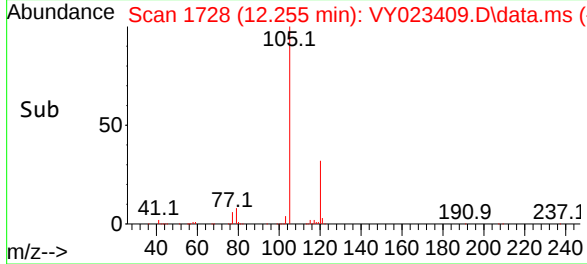
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion:105 Resp: 493259
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7

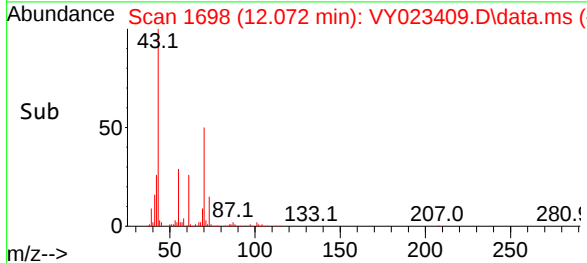
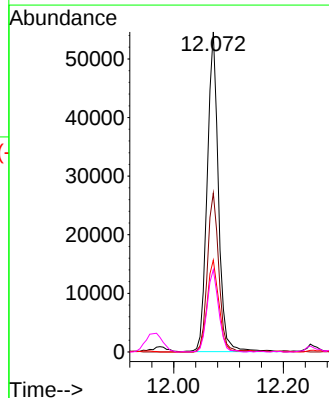
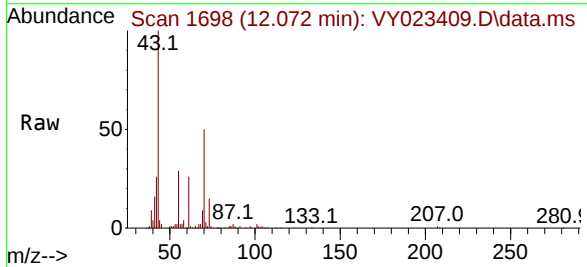
Manual Integrations
APPROVED

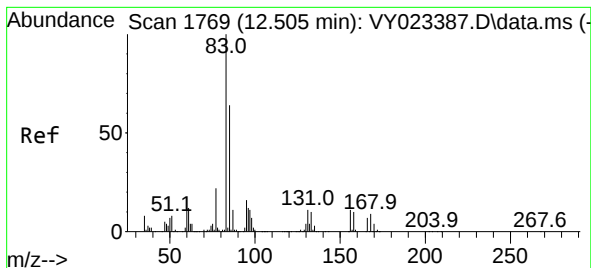
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#74
N-ethyl acetate
Concen: 17.293 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

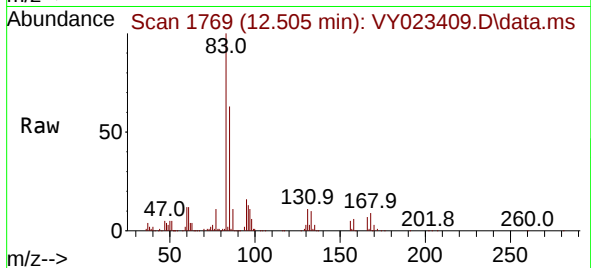
Tgt Ion: 43 Resp: 77131
Ion Ratio Lower Upper
43 100
70 50.2 41.1 61.7
55 30.3 23.0 34.6
61 26.5 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.352 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

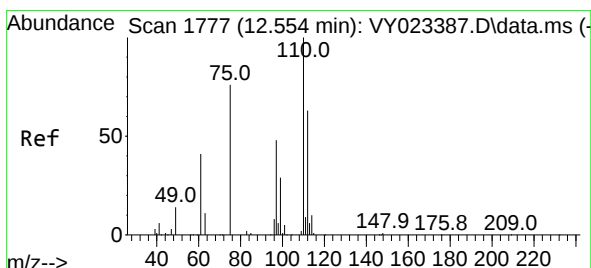
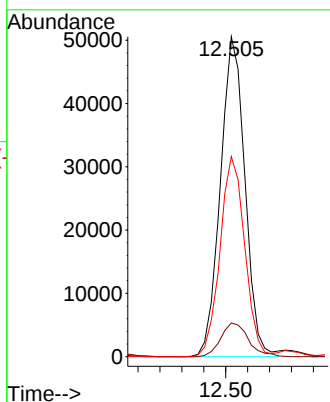
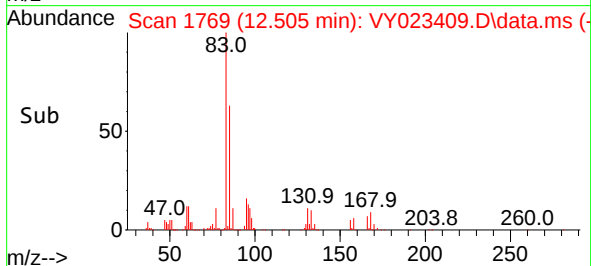
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



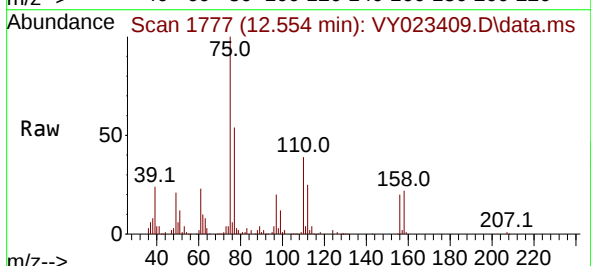
Tgt Ion: 83 Resp: 78590
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.6
85 62.8 31.8 95.3

Manual Integrations
APPROVED

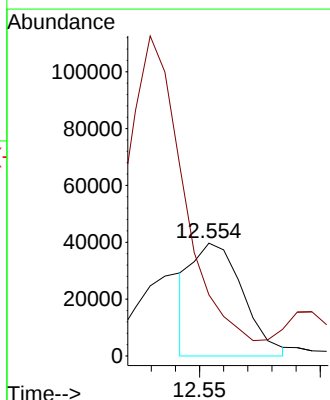
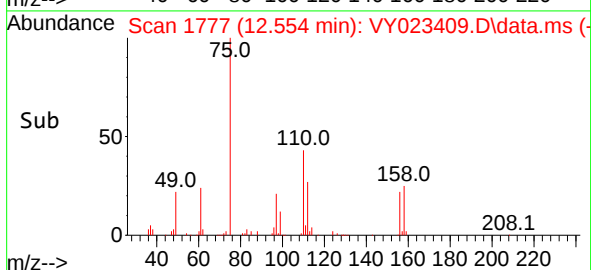
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

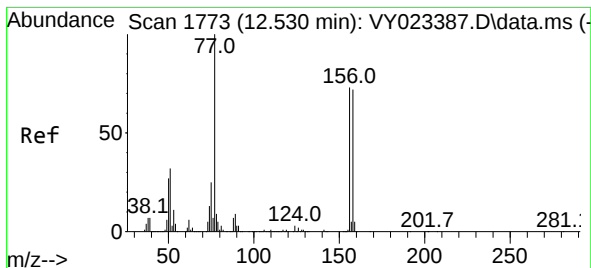


#76
1,2,3-Trichloropropane
Concen: 17.456 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



Tgt Ion: 75 Resp: 58029
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.376 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

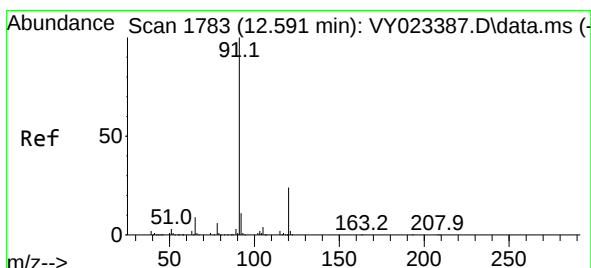
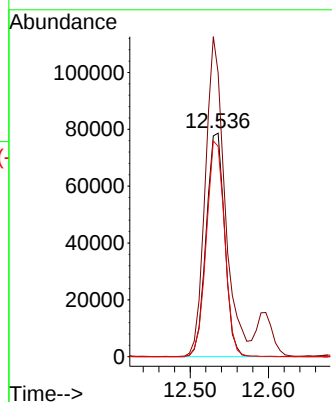
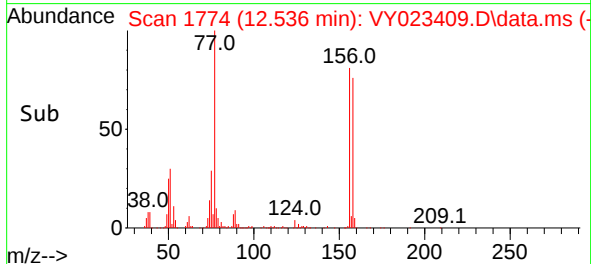
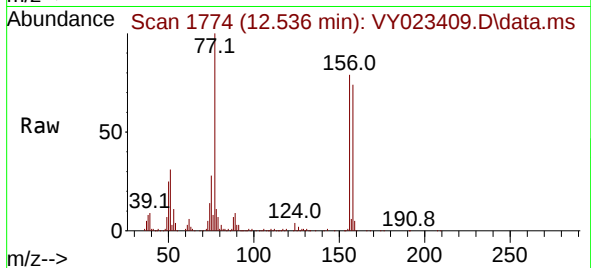
Tgt Ion:156 Resp: 127908

Ion	Ratio	Lower	Upper
156	100		
77	151.3	76.8	230.5
158	96.2	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: 20.212 ug/l

RT: 12.597 min Scan# 1784

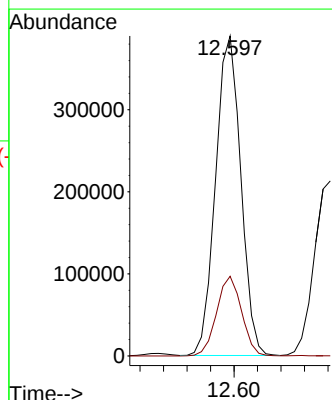
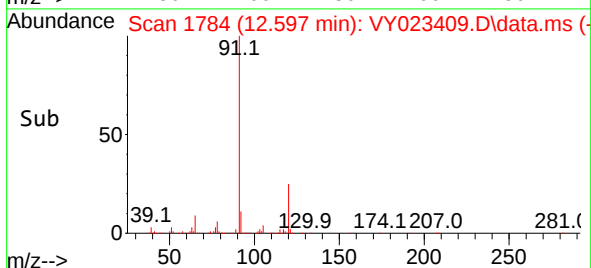
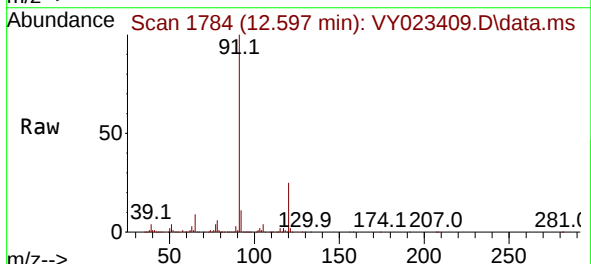
Delta R.T. 0.006 min

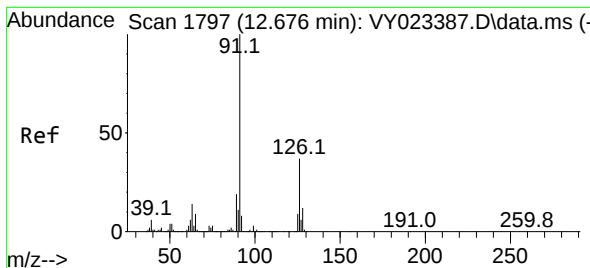
Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Tgt Ion: 91 Resp: 580789

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.8





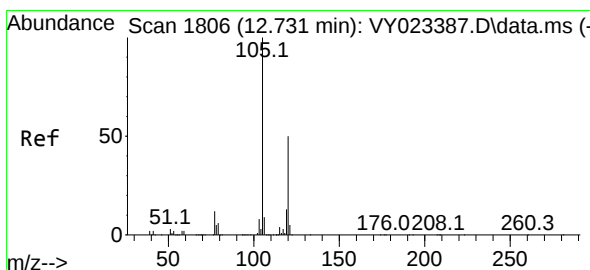
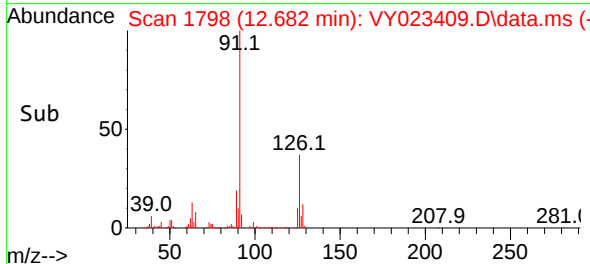
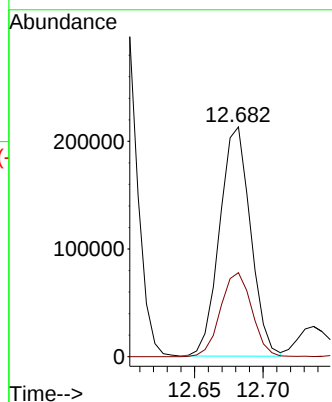
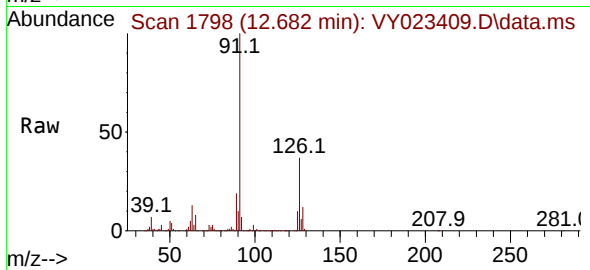
#79
2-Chlorotoluene
Concen: 19.909 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

Tgt Ion: 91 Resp: 335010
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5

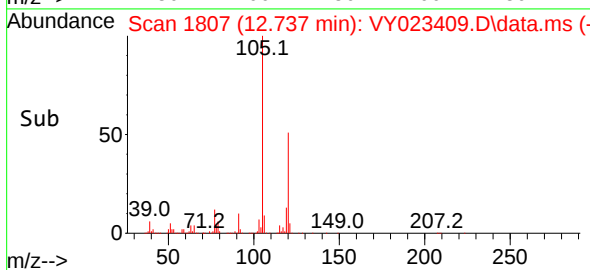
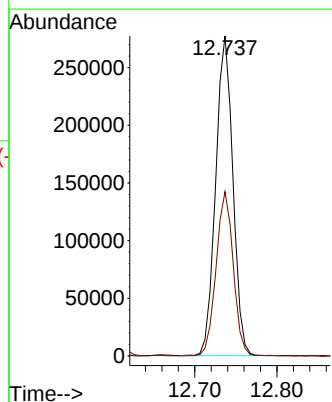
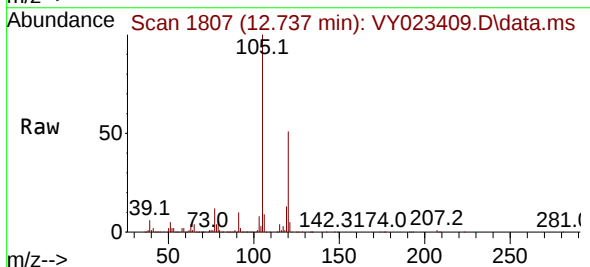
Manual Integrations
APPROVED

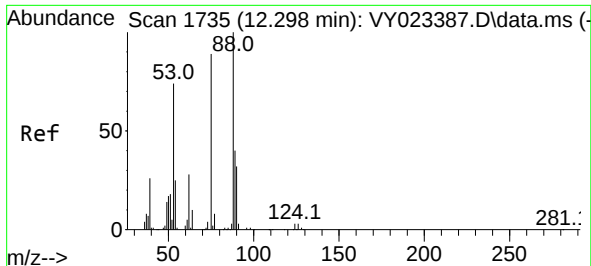
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.082 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

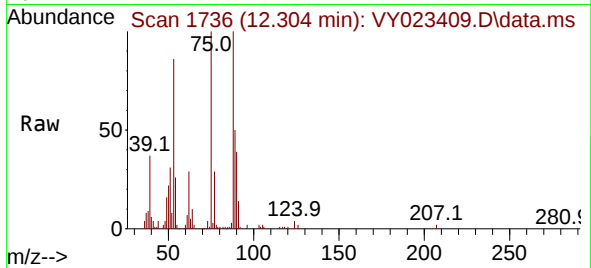
Tgt Ion:105 Resp: 402952
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.150 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

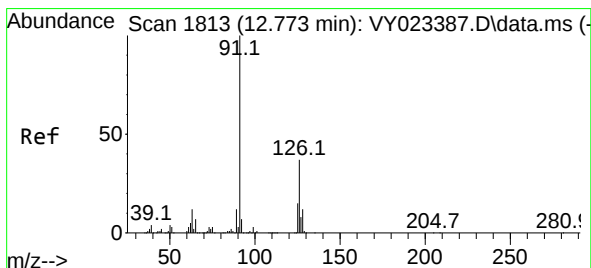
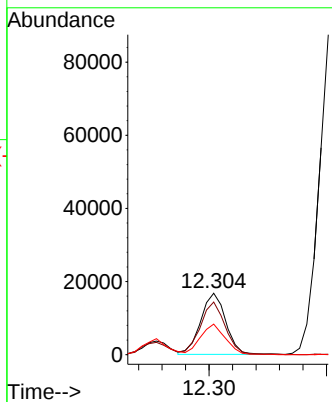
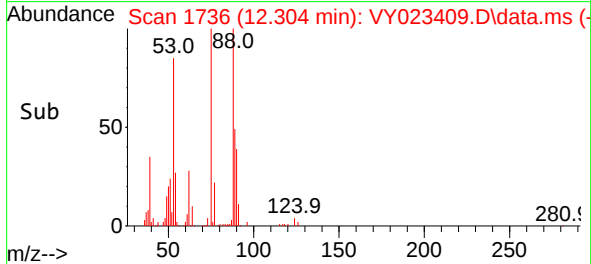
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion: 75 Resp: 2460
Ion Ratio Lower Upper
75 100
53 85.3 68.6 102.8
89 49.8 39.0 58.4

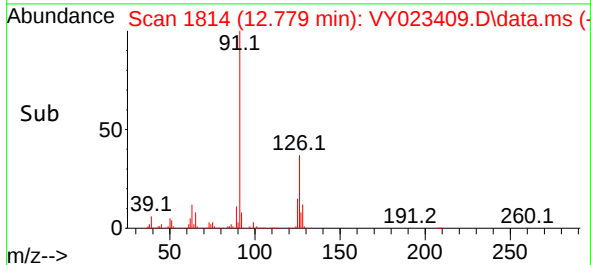
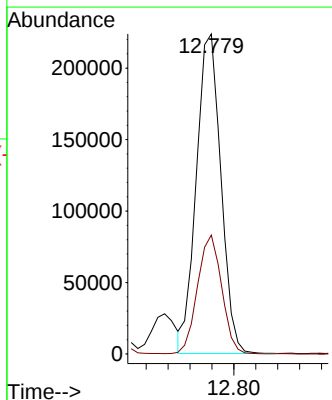
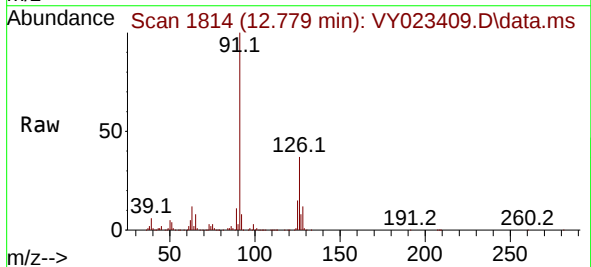
Manual Integrations
APPROVED

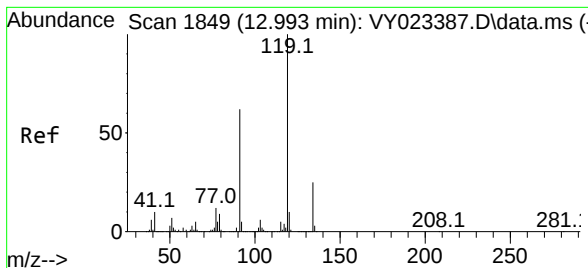
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#82
4-Chlorotoluene
Concen: 20.080 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

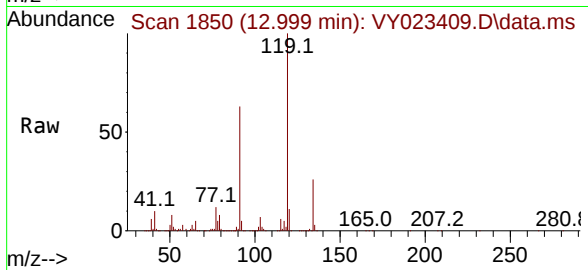
Tgt Ion: 91 Resp: 347982
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4





#83
tert-Butylbenzene
Concen: 19.582 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

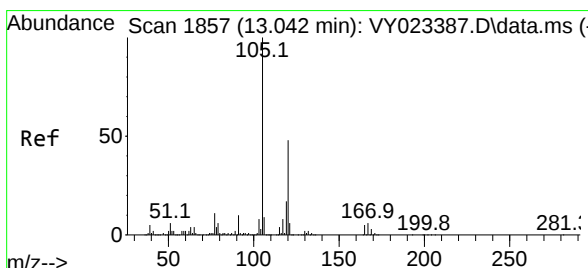
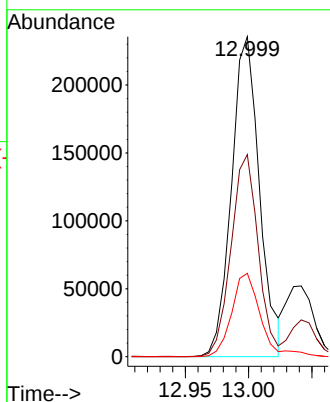
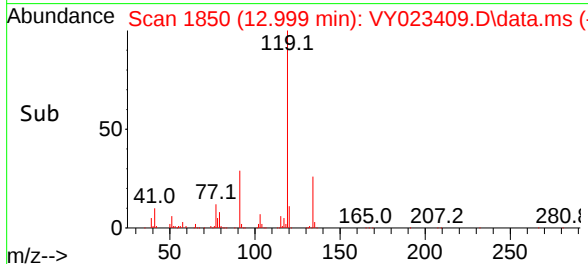
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion:119 Resp: 362790
Ion Ratio Lower Upper
119 100
91 61.1 29.9 89.8
134 26.9 12.9 38.7

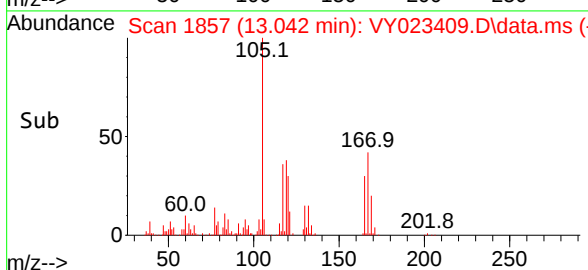
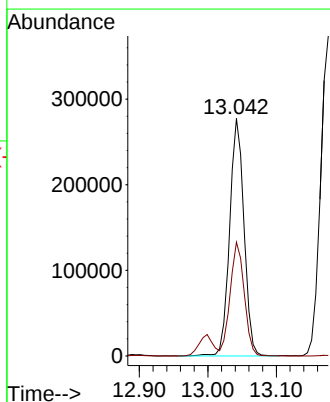
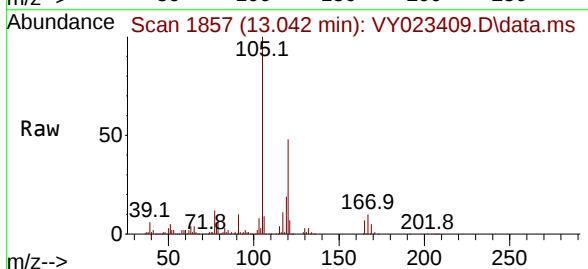
Manual Integrations
APPROVED

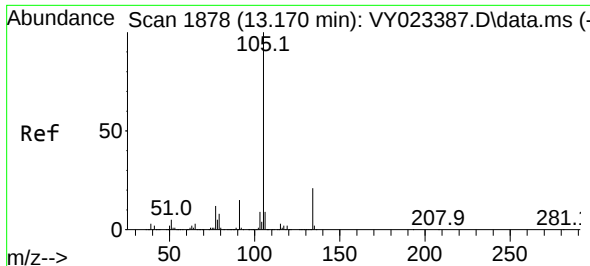
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.139 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

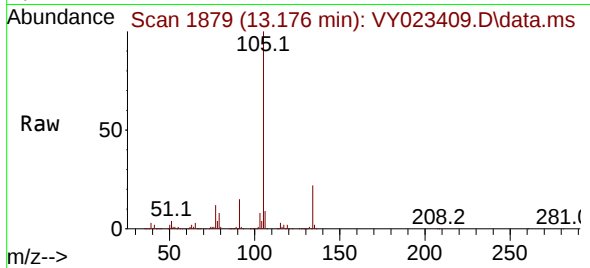
Tgt Ion:105 Resp: 403304
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 20.186 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

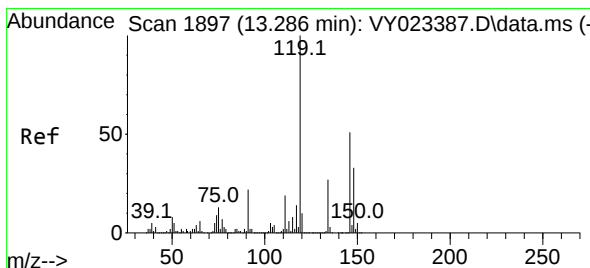
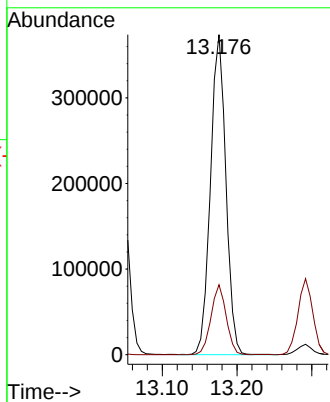
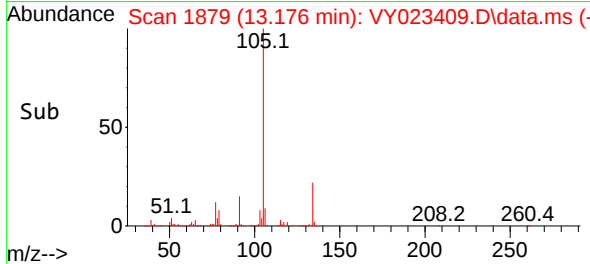
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01



Tgt Ion:105 Resp: 536485
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1

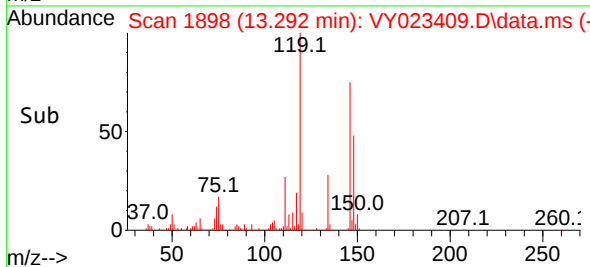
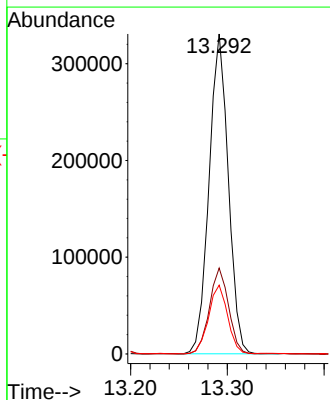
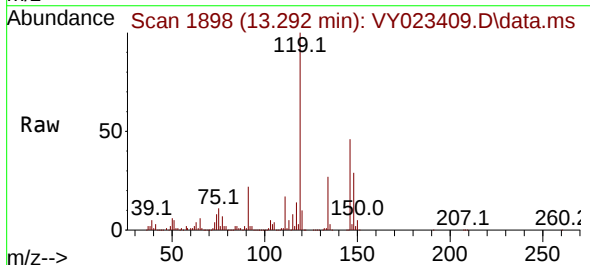
Manual Integrations
 APPROVED

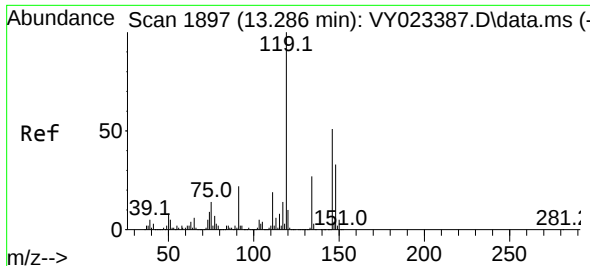
Reviewed By :Mahesh Dadoda 10/10/2025
 Supervised By :Semsettin Yesilyurt 10/10/2025



#86
 p-Isopropyltoluene
 Concen: 20.143 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

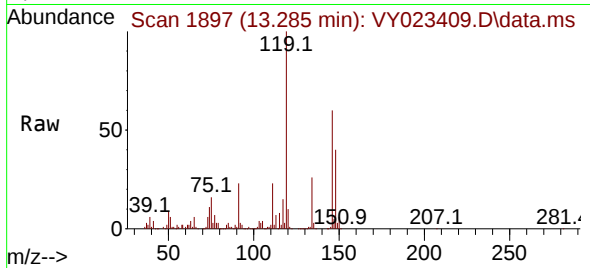
Tgt Ion:119 Resp: 455784
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.3 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 19.500 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

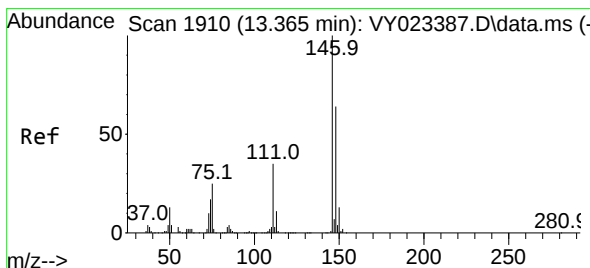
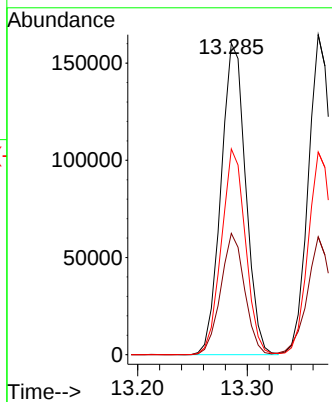
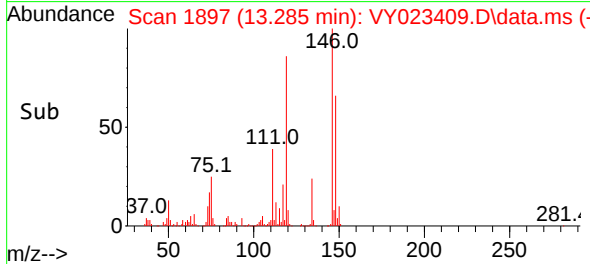
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



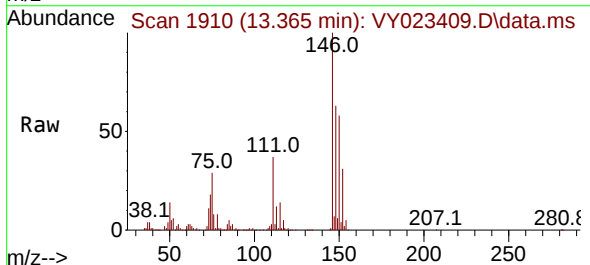
Tgt Ion:146 Resp: 250678
Ion Ratio Lower Upper
146 100
111 37.6 18.7 56.1
148 64.3 31.9 95.9

Manual Integrations
APPROVED

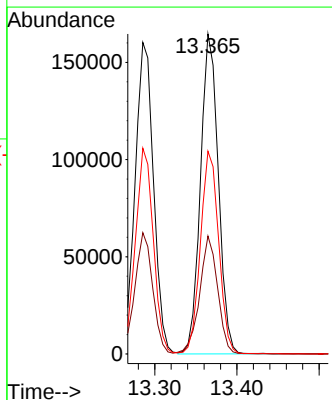
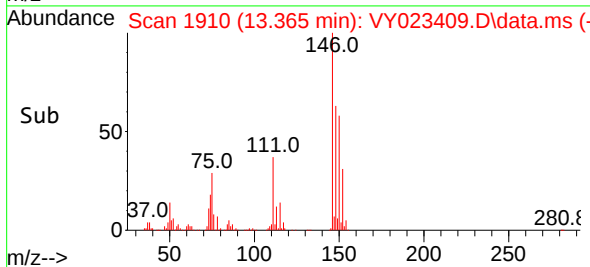
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

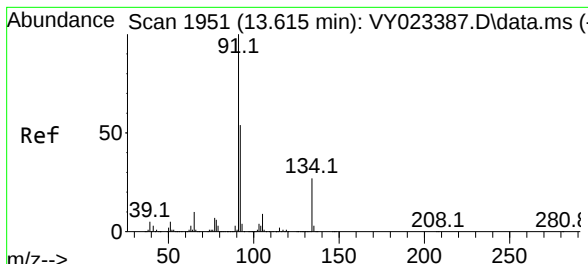


#88
1,4-Dichlorobenzene
Concen: 19.539 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



Tgt Ion:146 Resp: 248075
Ion Ratio Lower Upper
146 100
111 37.2 18.0 54.0
148 64.7 31.9 95.7





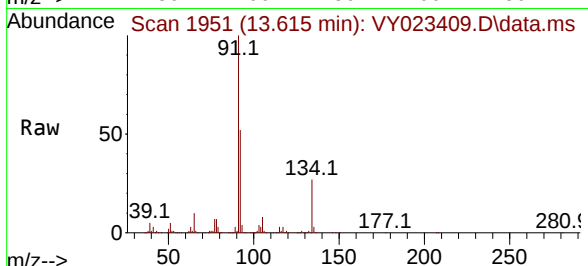
#89
 n-Butylbenzene
 Concen: 19.613 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01



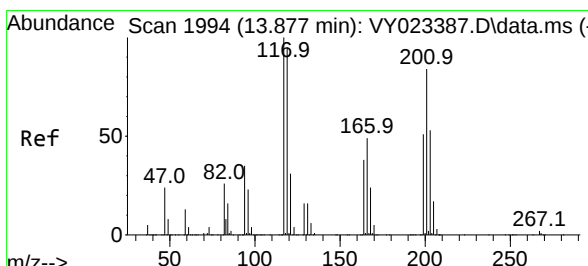
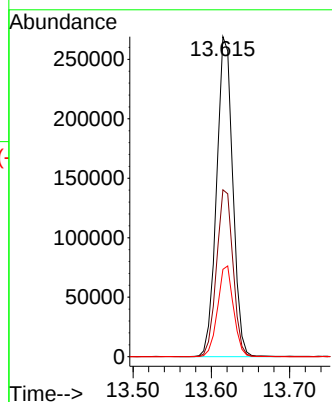
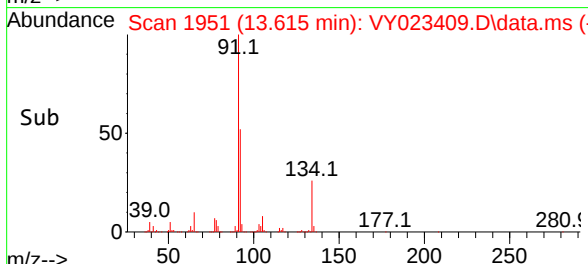
Tgt Ion: 91 Resp: 38669

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	27.9	14.1	42.2

Manual Integrations

APPROVED

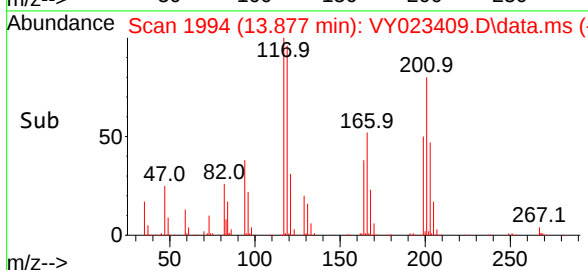
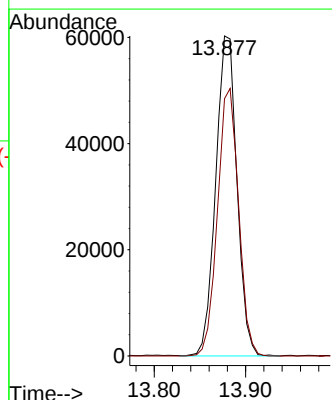
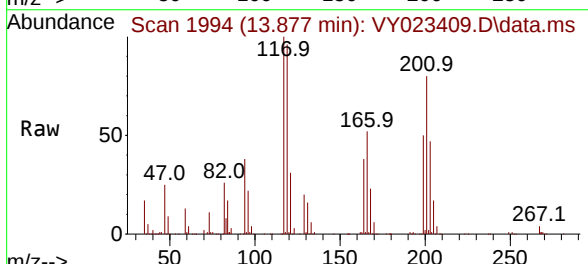
Reviewed By :Mahesh Dadoda 10/10/2025
 Supervised By :Semsettin Yesilyurt 10/10/2025

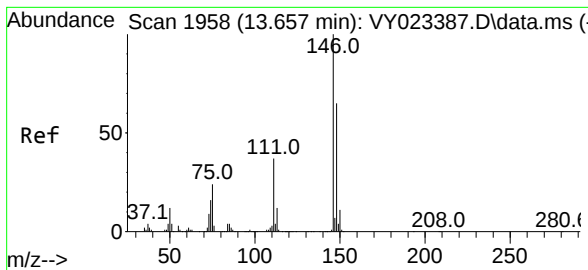


#90
 Hexachloroethane
 Concen: 20.022 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

Tgt Ion: 117 Resp: 97445

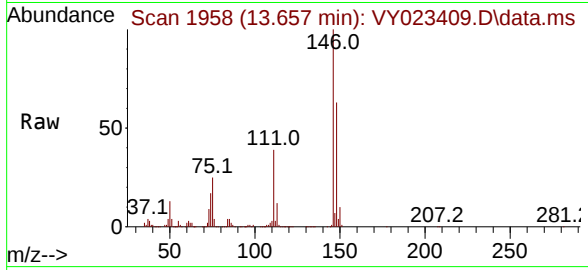
Ion	Ratio	Lower	Upper
117	100		
201	82.9	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 19.278 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

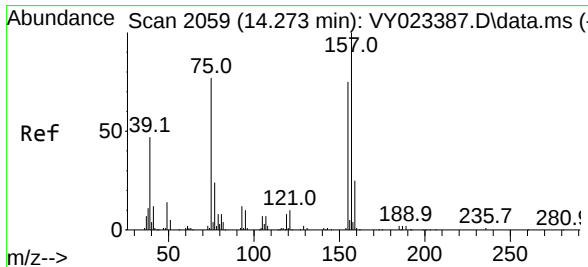
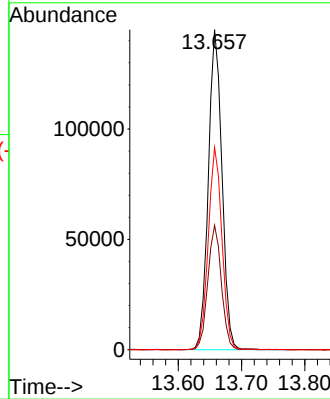
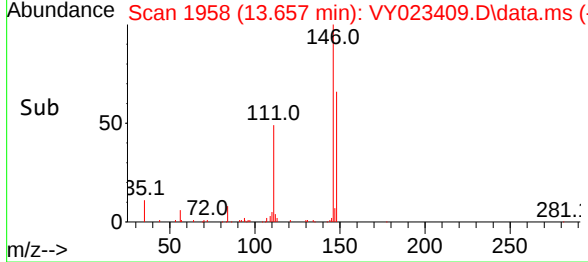
Instrument : MSVOA_Y
ClientSampleId : VY1009SBS01



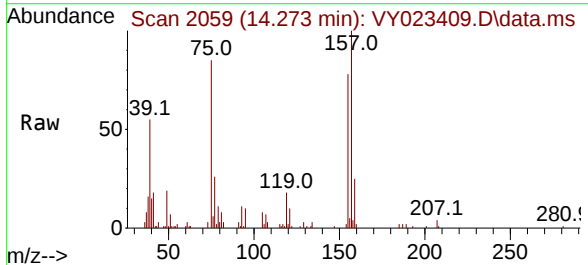
Tgt Ion:146 Resp: 217274
Ion Ratio Lower Upper
146 100
111 38.7 19.0 57.0
148 63.8 32.1 96.3

Manual Integrations
APPROVED

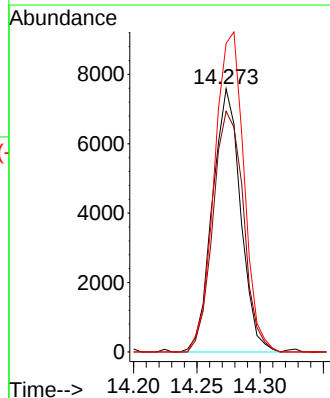
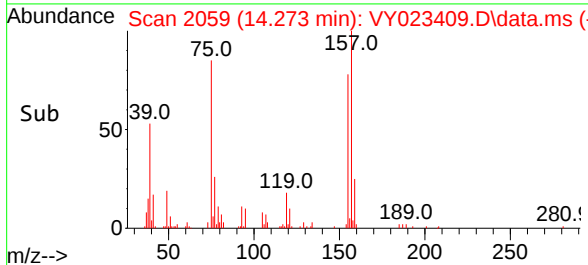
Reviewed By :Mahesh Dadoda 10/10/2025
Supervised By :Semsettin Yesilyurt 10/10/2025

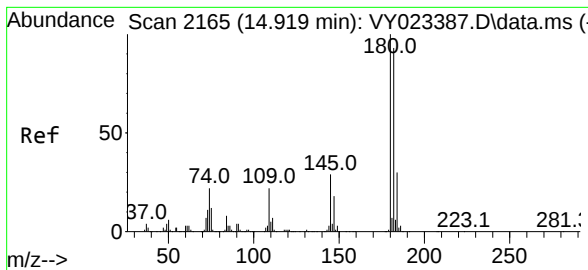


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.656 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45



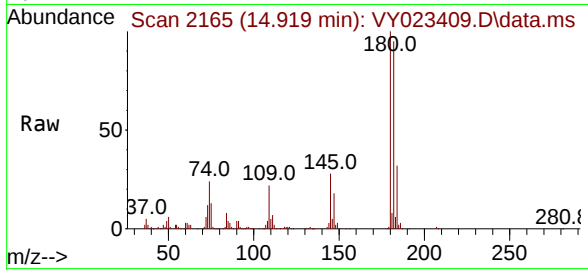
Tgt Ion: 75 Resp: 11766
Ion Ratio Lower Upper
75 100
155 98.3 50.0 150.0
157 126.7 63.8 191.5





#93
1,2,4-Trichlorobenzene
Concen: 17.372 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

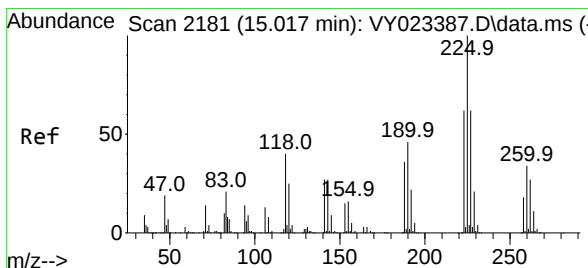
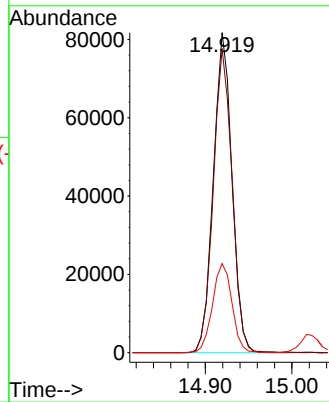
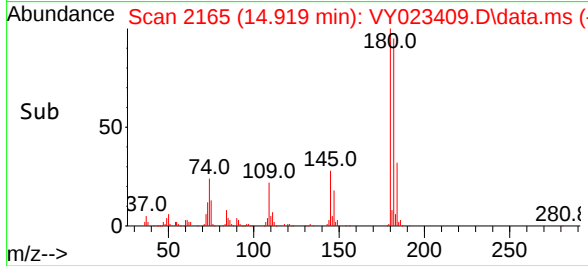
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01



Tgt Ion:180 Resp: 122058
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 29.1 14.7 44.1

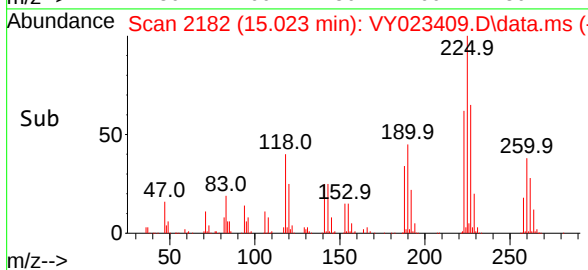
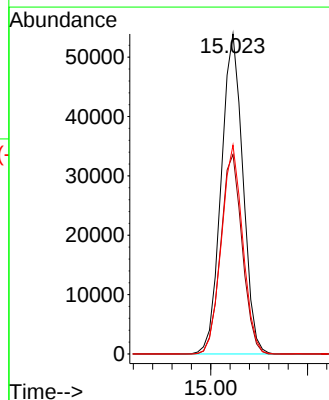
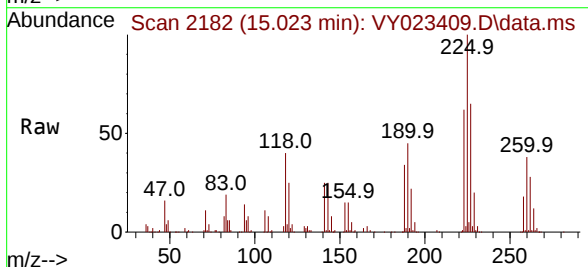
Manual Integrations
APPROVED

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



#94
Hexachlorobutadiene
Concen: 19.104 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:225 Resp: 83673
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.3
227 64.2 31.9 95.7





#95

Naphthalene

Concen: 15.125 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

Tgt Ion:128 Resp: 16922

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

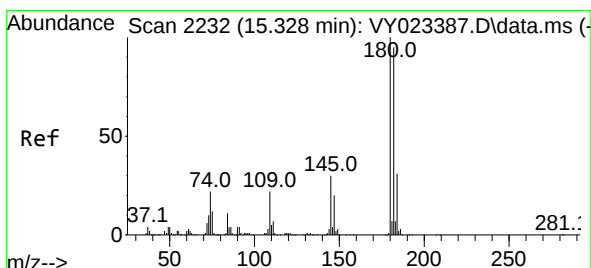
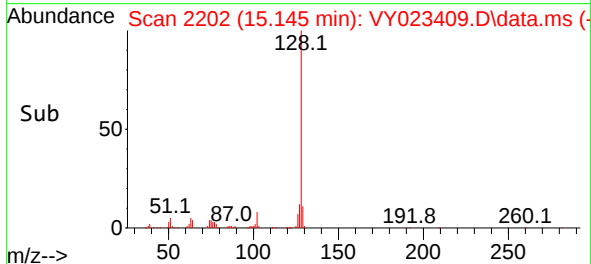
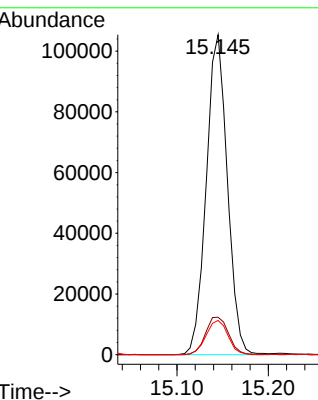
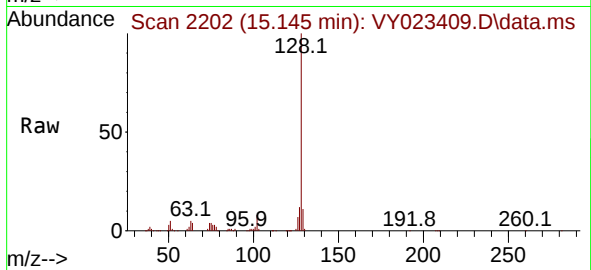
129 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/10/2025

Supervised By :Semsettin Yesilyurt 10/10/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.142 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Tgt Ion:180 Resp: 104325

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 30.5 15.3 45.9

