

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021166.D
 Acq On : 11 Feb 2025 11:25
 Operator : SY/MD
 Sample : VY0211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Quant Time: Feb 12 01:00:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	142140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	218663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	187366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	70970	48.732	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.460%		
35) Dibromofluoromethane	7.640	113	65836	46.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.960%		
50) Toluene-d8	10.115	98	258480	48.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.414	95	85152	48.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	22005	17.370	ug/l	99
3) Chloromethane	2.074	50	18801	15.039	ug/l	94
4) Vinyl Chloride	2.214	62	19474	15.477	ug/l	99
5) Bromomethane	2.605	94	12160	15.636	ug/l	92
6) Chloroethane	2.745	64	12365	16.508	ug/l	96
7) Trichlorofluoromethane	3.068	101	41080	17.920	ug/l	99
8) Diethyl Ether	3.458	74	12469	17.424	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	27540	19.142	ug/l	95
10) Methyl Iodide	4.013	142	23791	14.884	ug/l	93
11) Tert butyl alcohol	4.866	59	10345	104.824	ug/l #	94
12) 1,1-Dichloroethene	3.799	96	23029	16.992	ug/l	90
13) Acrolein	3.659	56	11850	77.976	ug/l	98
14) Allyl chloride	4.397	41	40688	17.813	ug/l	93
15) Acrylonitrile	5.068	53	28966	97.202	ug/l	99
16) Acetone	3.879	43	22045	97.066	ug/l	95
17) Carbon Disulfide	4.117	76	52011	12.239	ug/l	98
18) Methyl Acetate	4.397	43	15113	18.956	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	66150	19.311	ug/l	96
20) Methylene Chloride	4.629	84	25578	18.117	ug/l #	87
21) trans-1,2-Dichloroethene	5.129	96	24972	16.739	ug/l	95
22) Diisopropyl ether	6.025	45	93108	19.776	ug/l	94
23) Vinyl Acetate	5.970	43	250885	95.592	ug/l	99
24) 1,1-Dichloroethane	5.927	63	52573	19.059	ug/l	98
25) 2-Butanone	6.903	43	37193	99.658	ug/l	94
26) 2,2-Dichloropropane	6.896	77	51788	20.291	ug/l	96
27) cis-1,2-Dichloroethene	6.903	96	31938	18.600	ug/l	93
28) Bromochloromethane	7.256	49	20801	19.071	ug/l	96
29) Tetrahydrofuran	7.268	42	24371	96.505	ug/l	94
30) Chloroform	7.427	83	56545	19.957	ug/l	96
31) Cyclohexane	7.713	56	42191	16.985	ug/l #	95
32) 1,1,1-Trichloroethane	7.622	97	52756	20.027	ug/l	99
36) 1,1-Dichloropropene	7.841	75	37669	18.148	ug/l	99
37) Ethyl Acetate	6.994	43	17119	18.801	ug/l	99
38) Carbon Tetrachloride	7.823	117	48535	20.012	ug/l	97
39) Methylcyclohexane	9.116	83	44206	17.412	ug/l	98
40) Benzene	8.085	78	113971	18.711	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	8094	15.365	ug/l #	81
42) 1,2-Dichloroethane	8.165	62	33293	19.703	ug/l	97
43) Isopropyl Acetate	8.201	43	35841	19.809	ug/l #	85
44) Trichloroethene	8.872	130	28436	18.069	ug/l	97
45) 1,2-Dichloropropane	9.146	63	28236	19.530	ug/l	96
46) Dibromomethane	9.238	93	14937	18.660	ug/l	96
47) Bromodichloromethane	9.427	83	43721	20.365	ug/l	98
48) Methyl methacrylate	9.231	41	15715	19.068	ug/l	92
49) 1,4-Dioxane	9.231	88	3130	420.027	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	92153	101.285	ug/l	95
52) Toluene	10.176	92	74728	19.538	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	37469	19.437	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	44792	19.625	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	20604	19.877	ug/l	98
56) Ethyl methacrylate	10.445	69	26214	18.904	ug/l	88
57) 1,3-Dichloropropane	10.725	76	35795	19.951	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	58063	88.011	ug/l	99
59) 2-Hexanone	10.768	43	58291	99.505	ug/l	96
60) Dibromochloromethane	10.920	129	29281	20.114	ug/l	99
61) 1,2-Dibromoethane	11.024	107	18003	18.542	ug/l	97
64) Tetrachloroethene	10.652	164	26059	18.735	ug/l	97
65) Chlorobenzene	11.451	112	80640	19.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	30876	20.825	ug/l	97
67) Ethyl Benzene	11.524	91	143518	19.449	ug/l	98
68) m/p-Xylenes	11.633	106	107776	39.041	ug/l	95
69) o-Xylene	11.963	106	51541	20.026	ug/l	99
70) Styrene	11.975	104	86949	20.269	ug/l	97
71) Bromoform	12.139	173	16678	20.209	ug/l #	99
73) Isopropylbenzene	12.261	105	140522	19.076	ug/l	98
74) N-amyl acetate	12.078	43	30288	18.807	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	24453	19.960	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	17114m	20.006	ug/l	
77) Bromobenzene	12.536	156	31555	18.563	ug/l	94
78) n-propylbenzene	12.603	91	174037	19.833	ug/l	99
79) 2-Chlorotoluene	12.688	91	97573	19.414	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	115506	19.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	8150	19.440	ug/l	96
82) 4-Chlorotoluene	12.786	91	100817	19.689	ug/l	99
83) tert-Butylbenzene	13.005	119	107992	19.893	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	114212	19.558	ug/l	99
85) sec-Butylbenzene	13.182	105	156315	20.004	ug/l	98
86) p-Isopropyltoluene	13.298	119	129201	19.904	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	62764	19.122	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	62444	19.322	ug/l	98
89) n-Butylbenzene	13.621	91	119621	20.200	ug/l	98
90) Hexachloroethane	13.883	117	26358	19.464	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	55296	19.410	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3629	19.822	ug/l	90
93) 1,2,4-Trichlorobenzene	14.926	180	29002	18.289	ug/l	96
94) Hexachlorobutadiene	15.029	225	20831	19.823	ug/l	98
95) Naphthalene	15.151	128	46122	18.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	24434	18.515	ug/l	97

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Instrument :
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ClientSampleId :
VY0211SBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

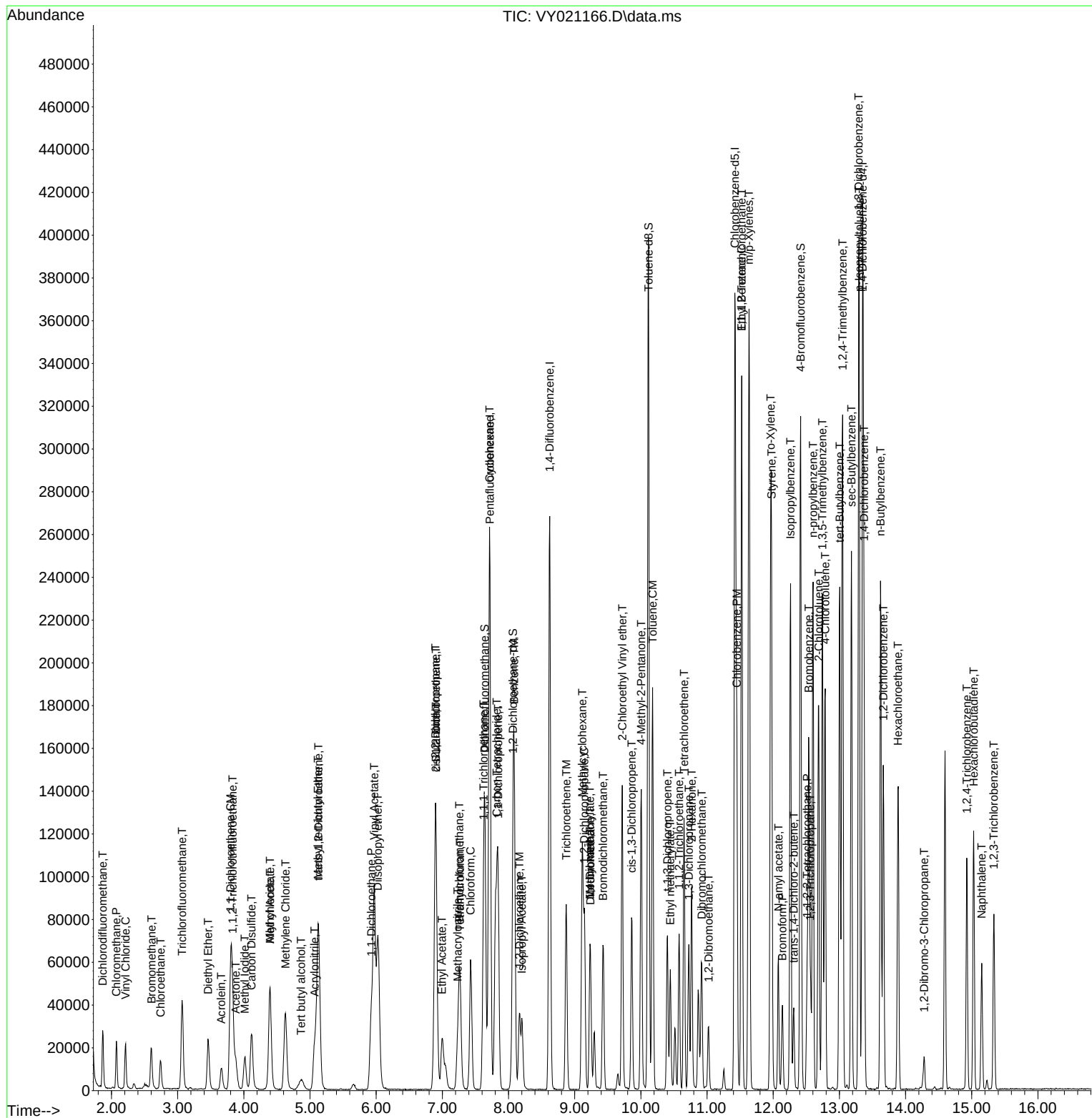
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 ALS Vial : 4 Sample Multiplier: 1

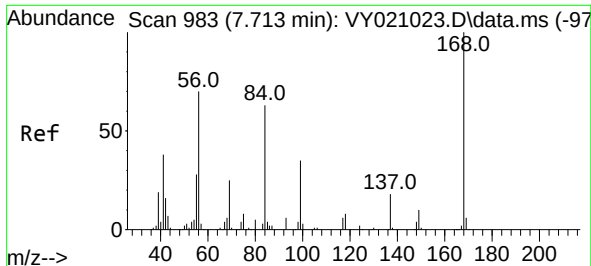
Instrument :
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Manual Integrations APPROVED

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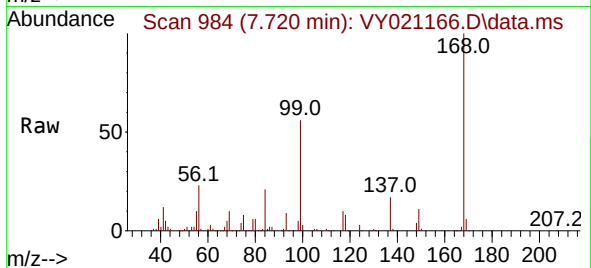
Quant Time: Feb 12 01:00:24 2025
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 Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 983
Delta R.T. 0.007 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

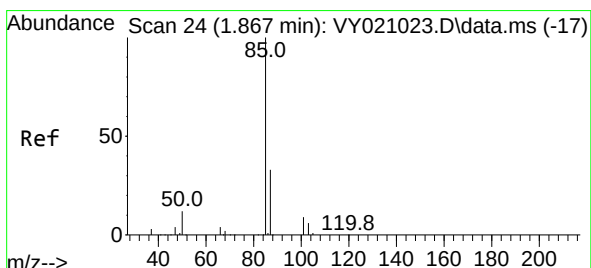
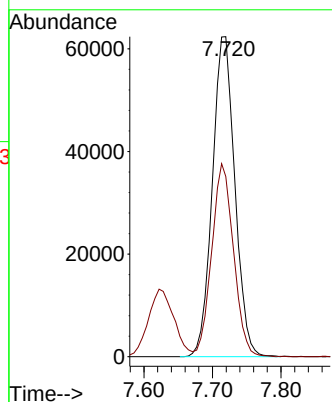
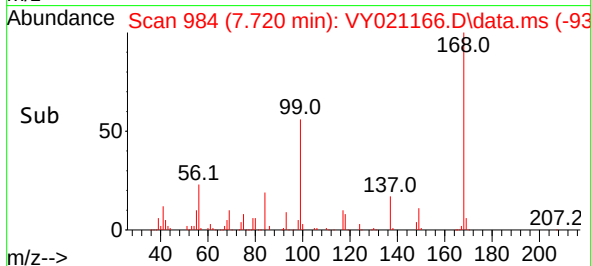
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion:168 Resp: 142140
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4

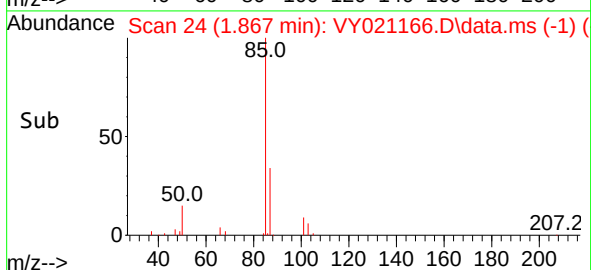
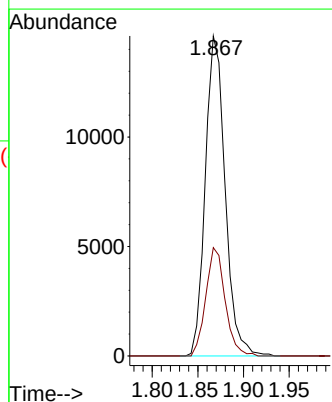
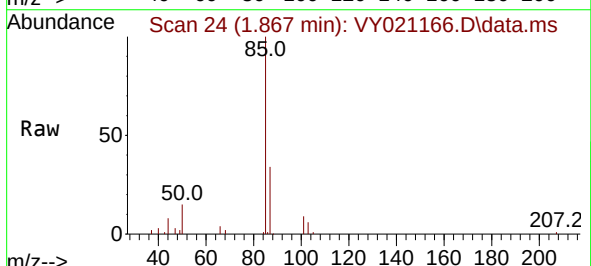
Manual Integrations
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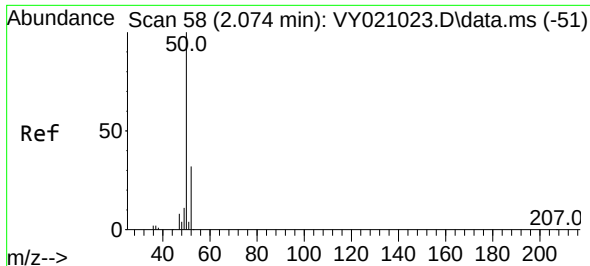
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 17.370 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

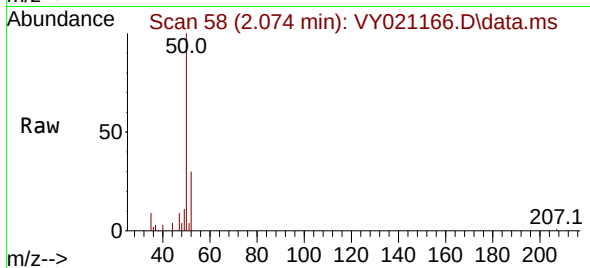
Tgt Ion: 85 Resp: 22005
Ion Ratio Lower Upper
85 100
87 33.8 17.1 51.3





#3
Chloromethane
Concen: 15.039 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

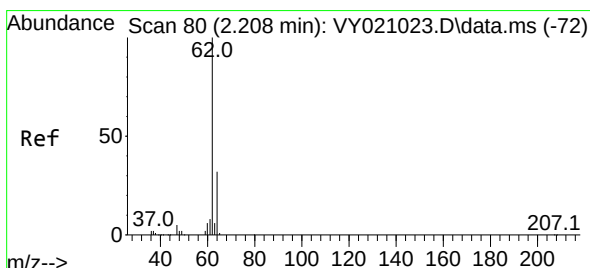
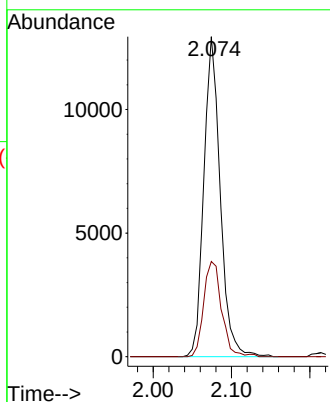
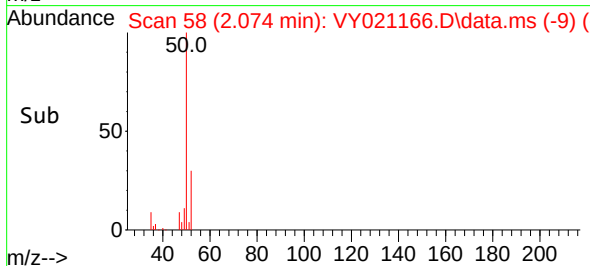
Instrument :
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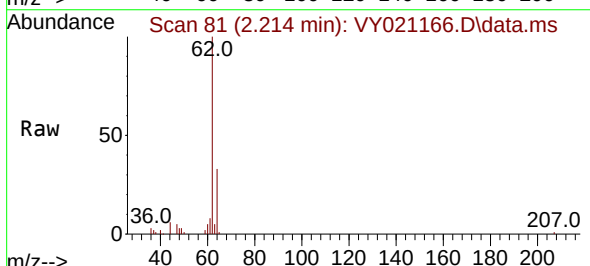
Tgt Ion: 50 Resp: 1880
Ion Ratio Lower Upper
50 100
52 29.7 26.7 40.1

Manual Integrations
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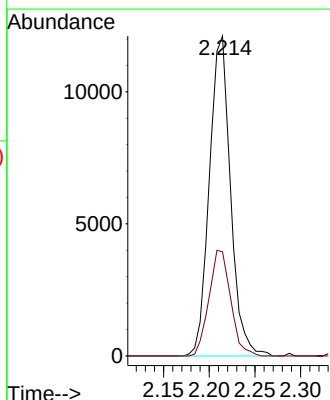
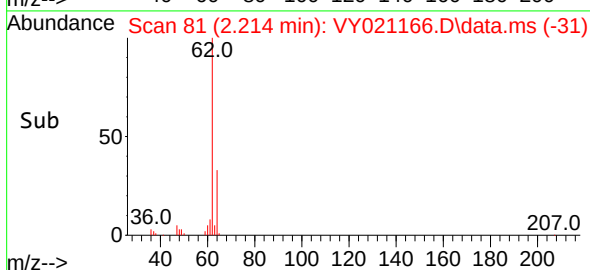
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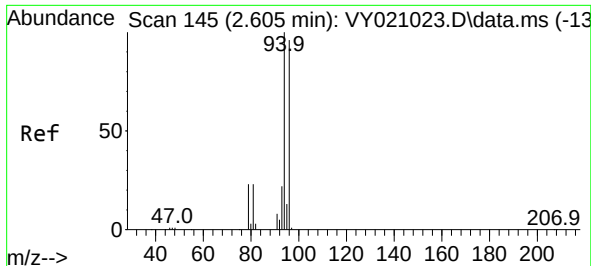


#4
Vinyl Chloride
Concen: 15.477 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion: 62 Resp: 19474
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5





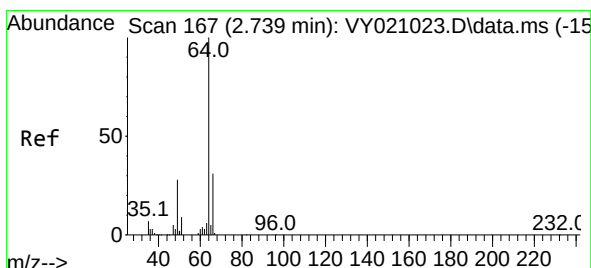
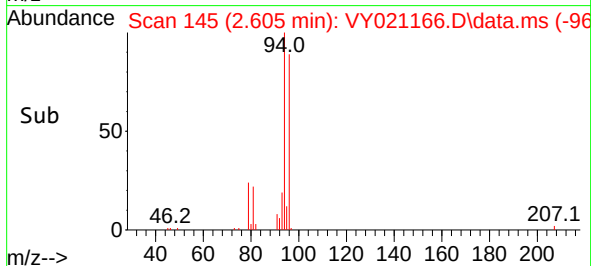
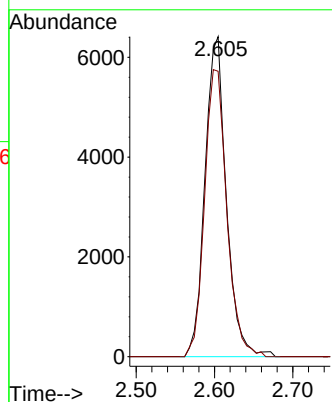
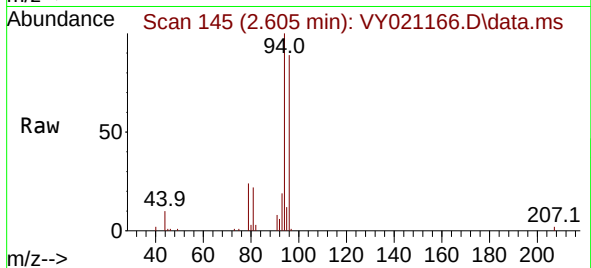
#5
Bromomethane
Concen: 15.636 ug/l
RT: 2.605 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
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Tgt Ion: 94 Resp: 12160
Ion Ratio Lower Upper
94 100
96 89.2 77.3 115.9

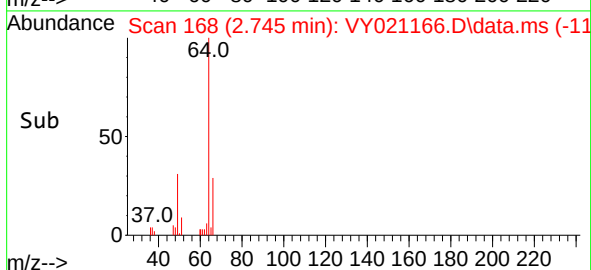
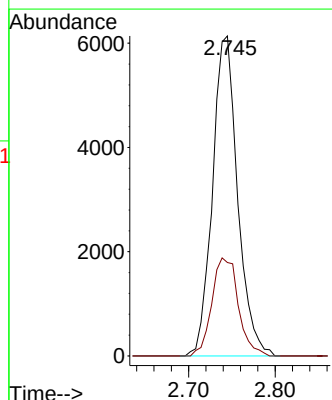
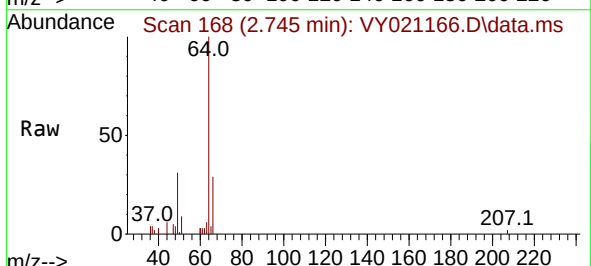
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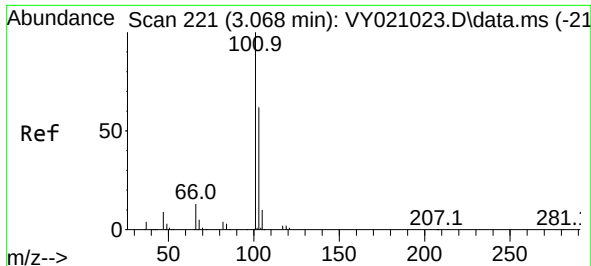
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 16.508 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

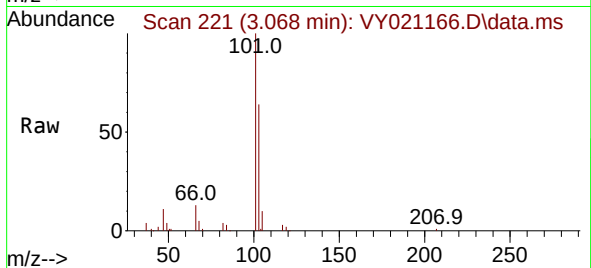
Tgt Ion: 64 Resp: 12365
Ion Ratio Lower Upper
64 100
66 29.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 17.920 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

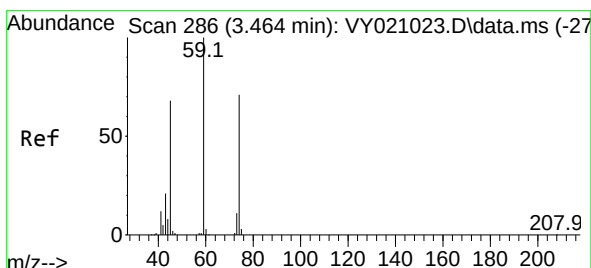
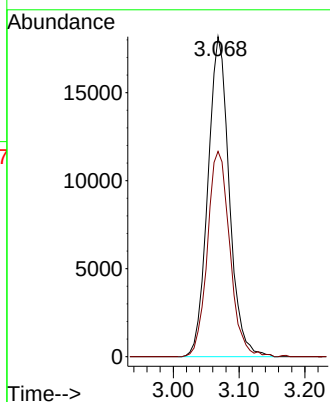
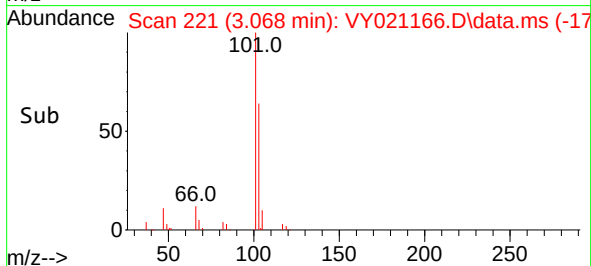
Instrument :
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Tgt Ion:101 Resp: 41080
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

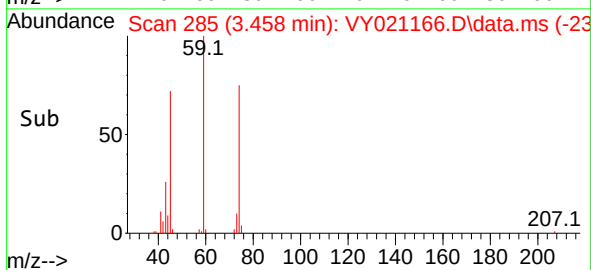
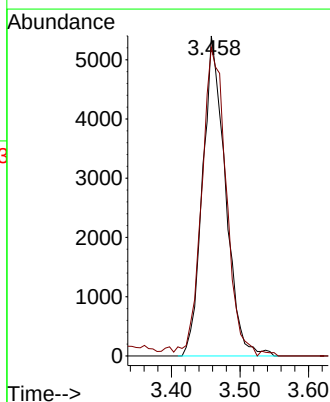
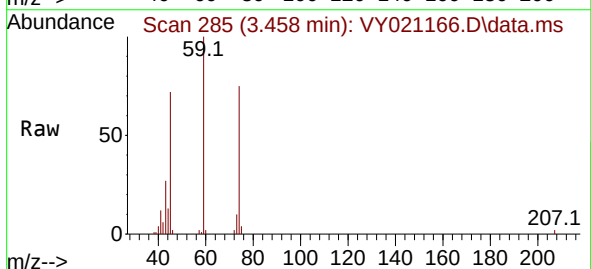
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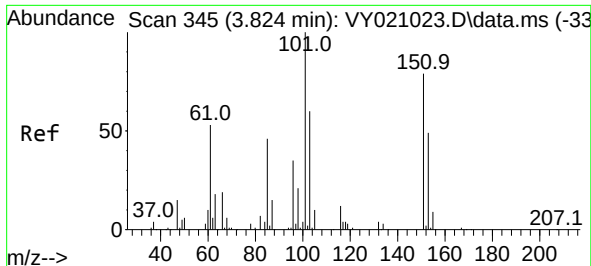
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#8
Diethyl Ether
Concen: 17.424 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 74 Resp: 12469
Ion Ratio Lower Upper
74 100
45 103.5 47.9 143.7





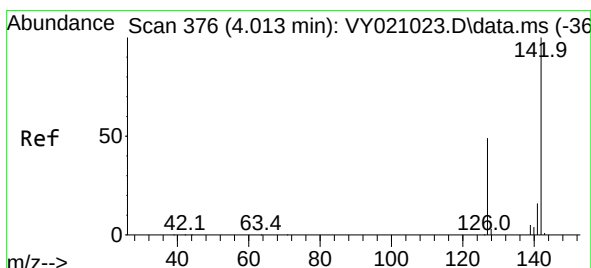
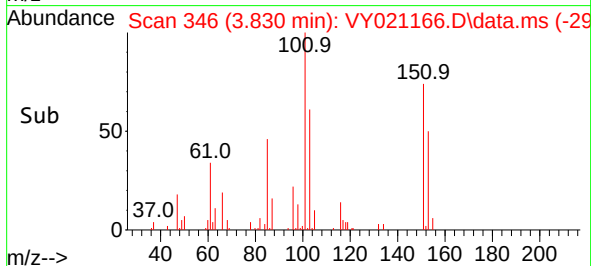
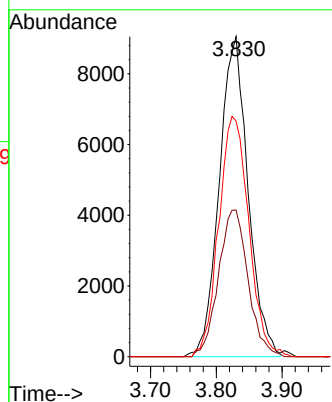
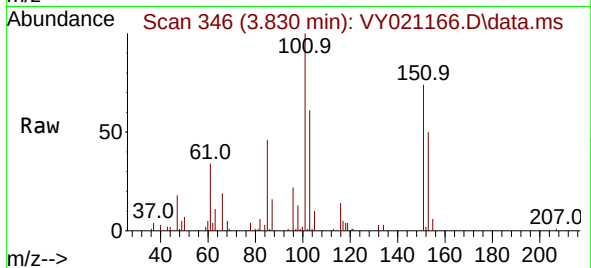
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.142 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion:101 Resp: 27540
Ion Ratio Lower Upper
101 100
85 47.2 35.8 53.6
151 78.5 58.6 88.0

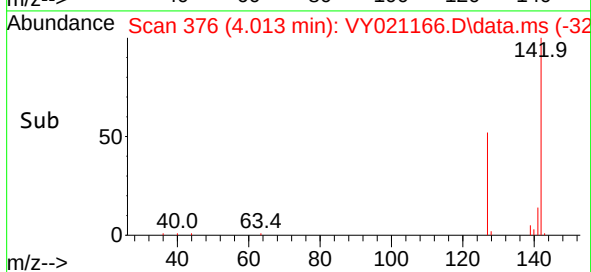
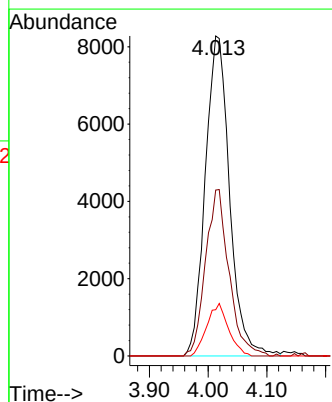
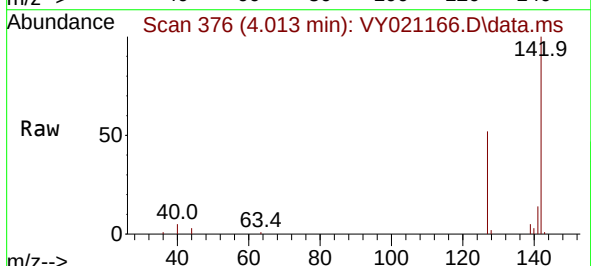
Manual Integrations
APPROVED

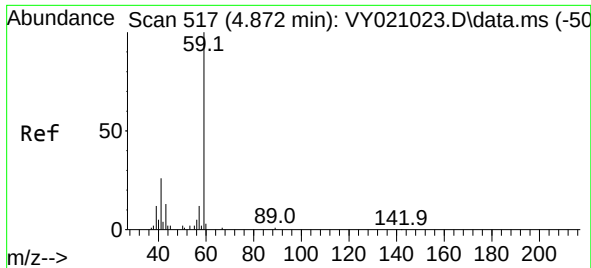
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Methyl Iodide
Concen: 14.884 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion:142 Resp: 23791
Ion Ratio Lower Upper
142 100
127 50.3 35.1 52.7
141 14.7 11.8 17.6





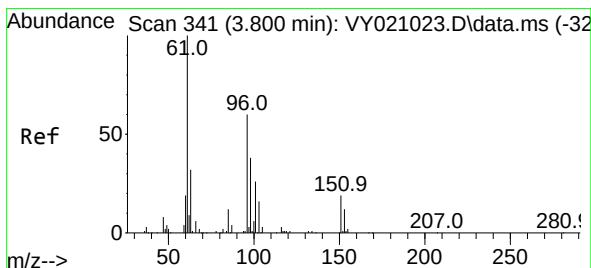
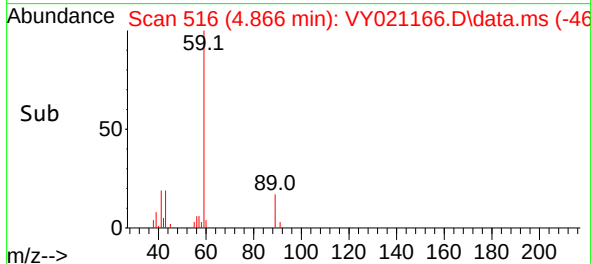
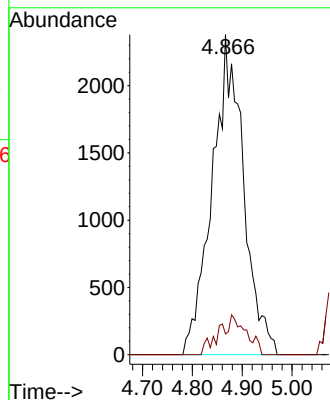
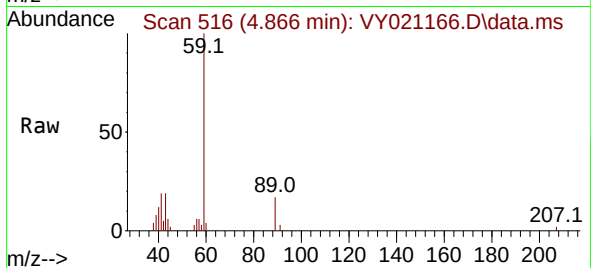
#11
Tert butyl alcohol
Concen: 104.824 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 59 Resp: 10345
Ion Ratio Lower Upper
59 100
57 6.9 7.4 11.0

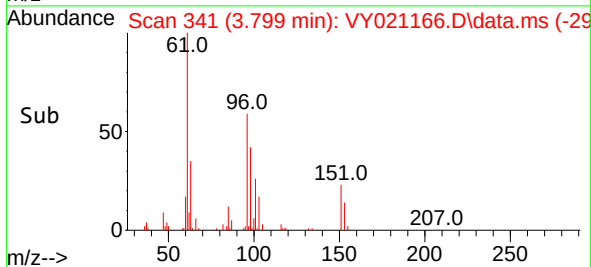
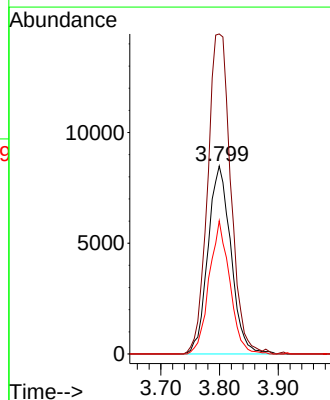
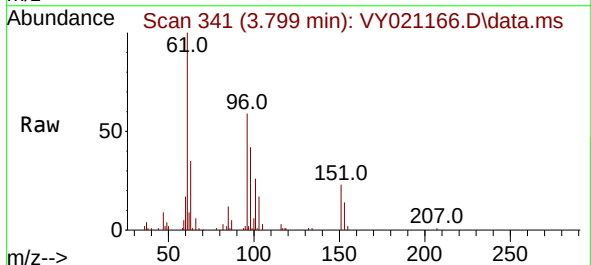
Manual Integrations
APPROVED

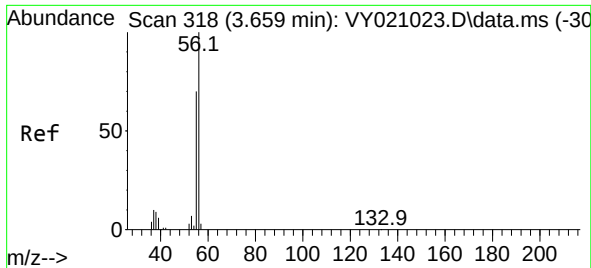
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#12
1,1-Dichloroethene
Concen: 16.992 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 96 Resp: 23029
Ion Ratio Lower Upper
96 100
61 170.3 124.2 186.2
98 70.9 52.6 79.0





#13

Acrolein

Concen: 77.976 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBS01

Tgt Ion: 56 Resp: 11850

Ion Ratio Lower Upper

56 100

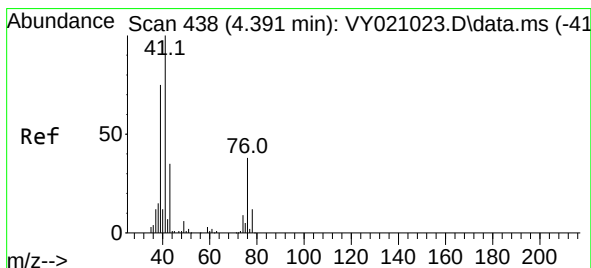
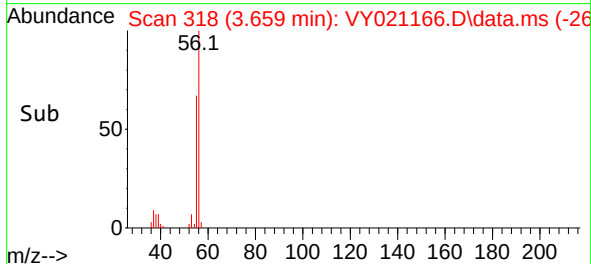
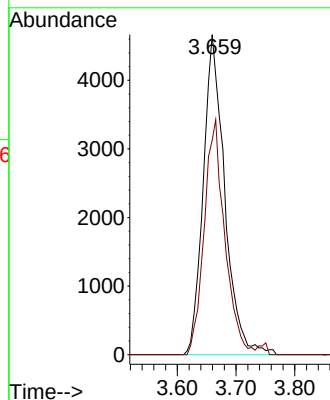
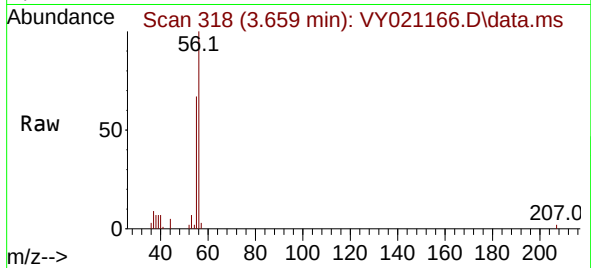
55 70.5 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#14

Allyl chloride

Concen: 17.813 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

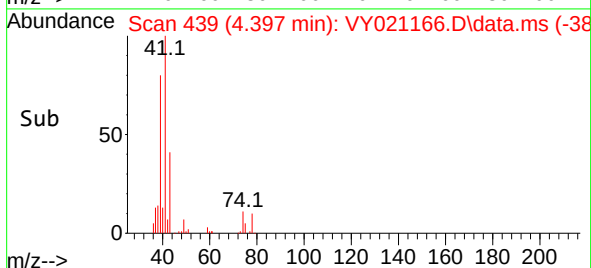
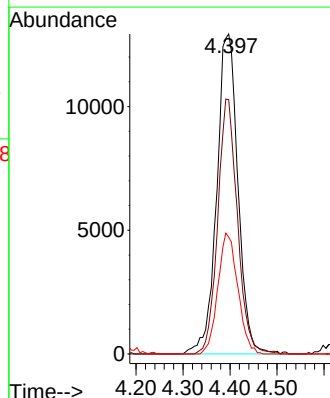
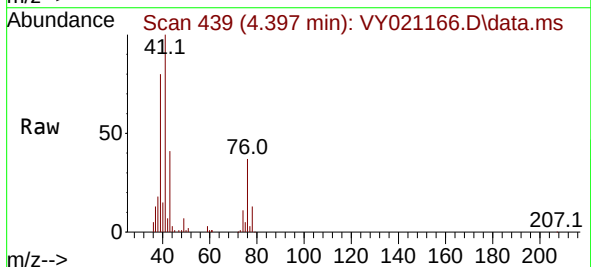
Tgt Ion: 41 Resp: 40688

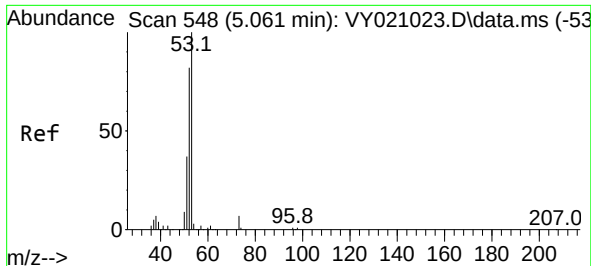
Ion Ratio Lower Upper

41 100

39 73.9 54.7 82.1

76 35.5 31.8 47.6





#15

Acrylonitrile

Concen: 97.202 ug/l

RT: 5.068 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY021166.D

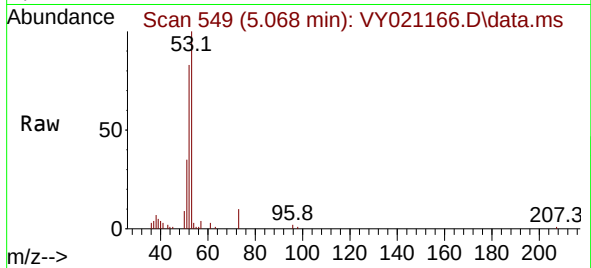
Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBS01

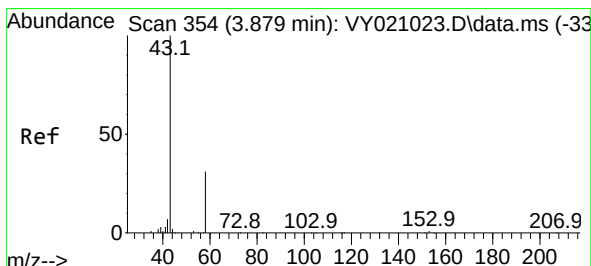
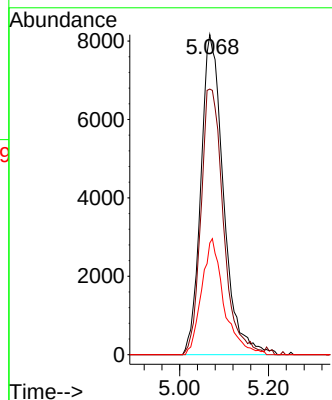
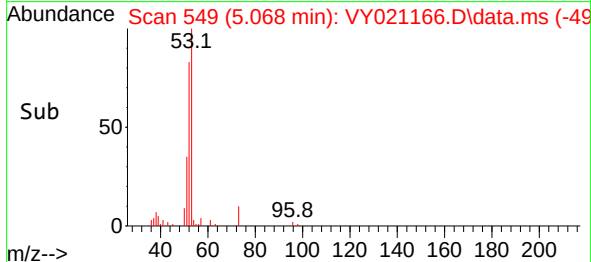


Tgt Ion:	53	Resp:	2896
Ion Ratio	100	Lower	Upper
52	82.4	65.1	97.7
51	35.9	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#16

Acetone

Concen: 97.066 ug/l

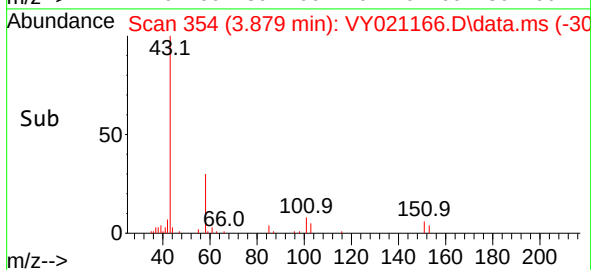
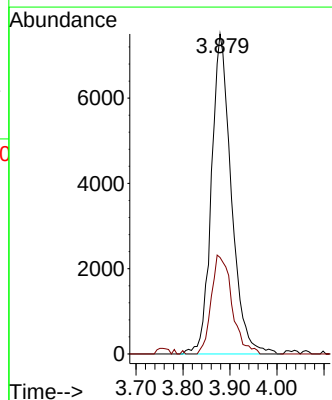
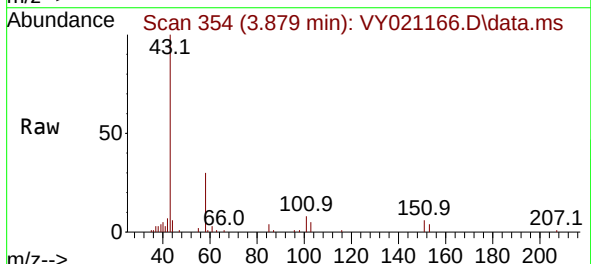
RT: 3.879 min Scan# 354

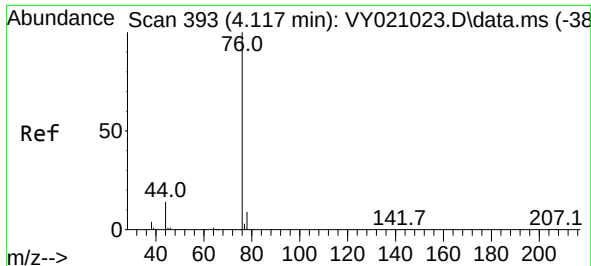
Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Tgt Ion:	43	Resp:	22045
Ion Ratio	100	Lower	Upper
58	30.2	26.6	39.8





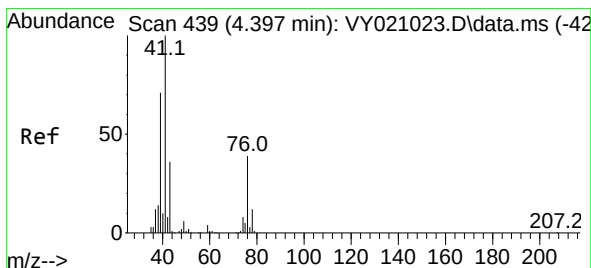
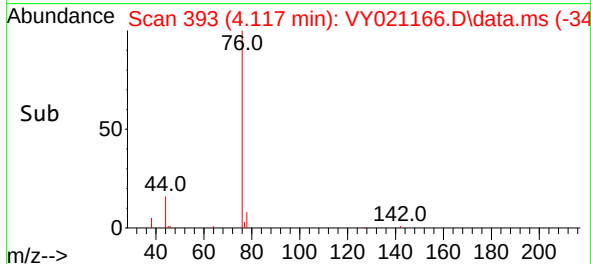
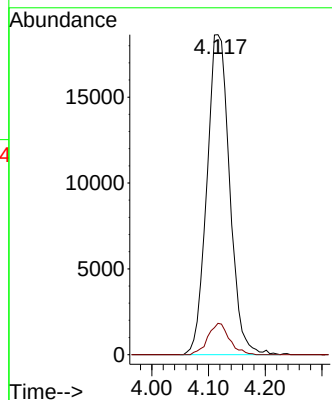
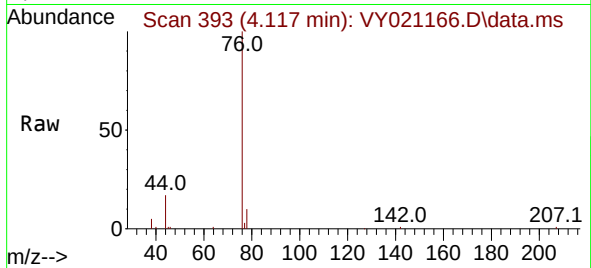
#17
Carbon Disulfide
Concen: 12.239 ug/l
RT: 4.117 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 76 Resp: 5201
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

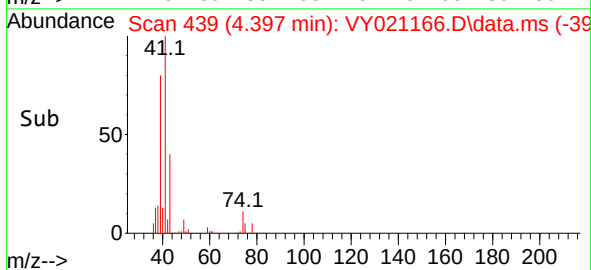
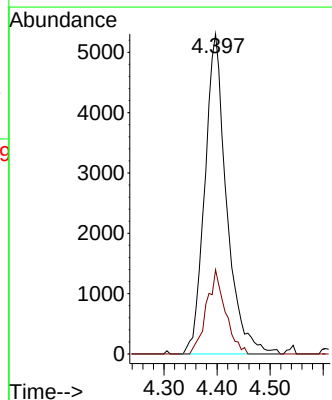
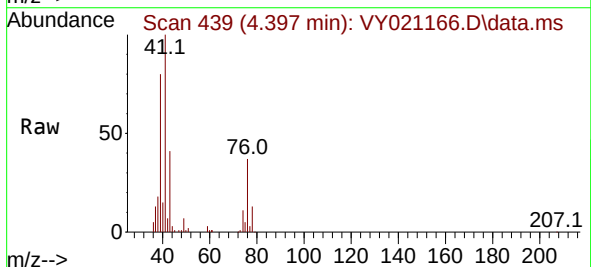
Manual Integrations
APPROVED

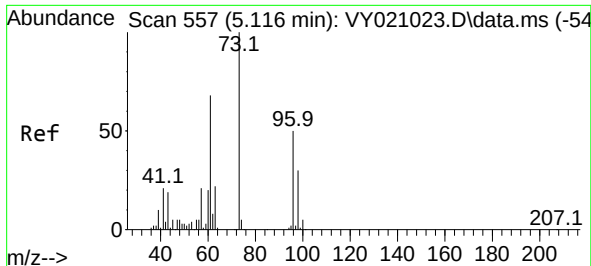
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
Methyl Acetate
Concen: 18.956 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

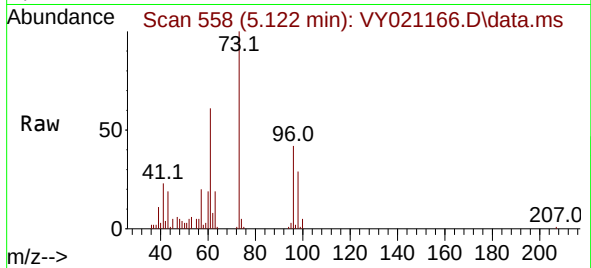
Tgt Ion: 43 Resp: 15113
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 19.311 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

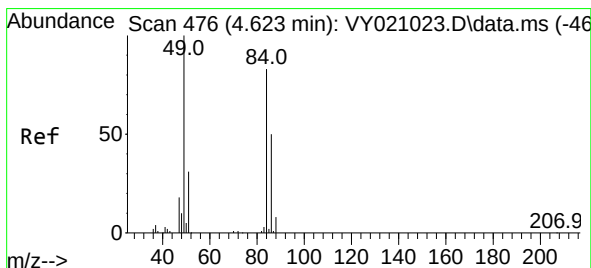
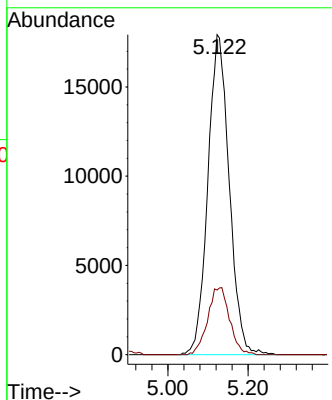
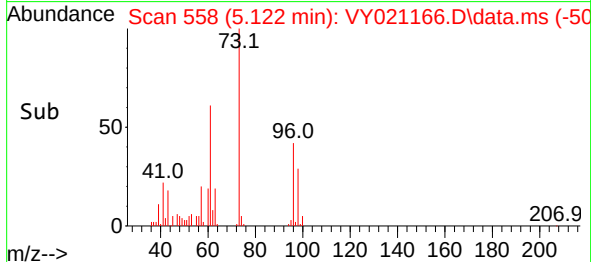
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



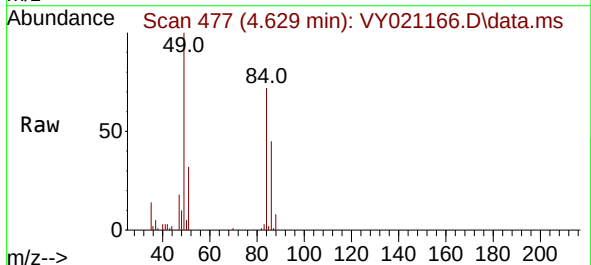
Tgt Ion: 73 Resp: 66150
Ion Ratio Lower Upper
73 100
57 20.2 17.7 26.5

Manual Integrations
APPROVED

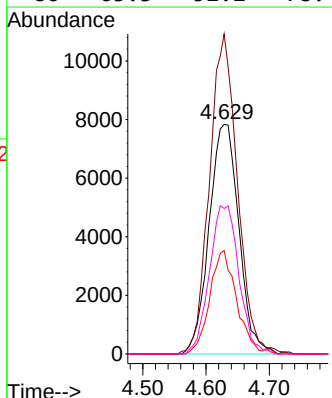
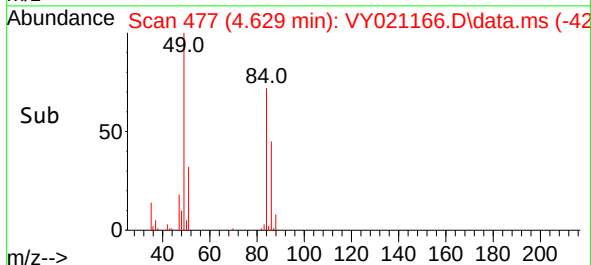
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

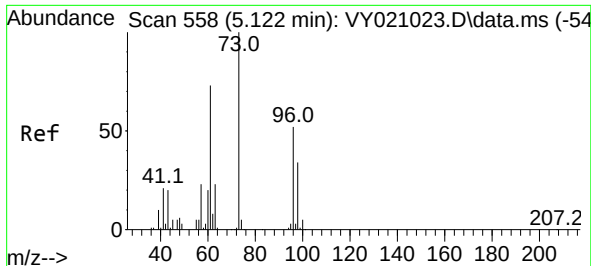


#20
Methylene Chloride
Concen: 18.117 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



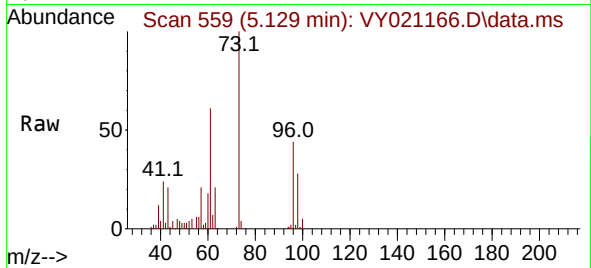
Tgt Ion: 84 Resp: 25578
Ion Ratio Lower Upper
84 100
49 139.4 95.2 142.8
51 45.0 29.9 44.9#
86 63.3 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 16.739 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

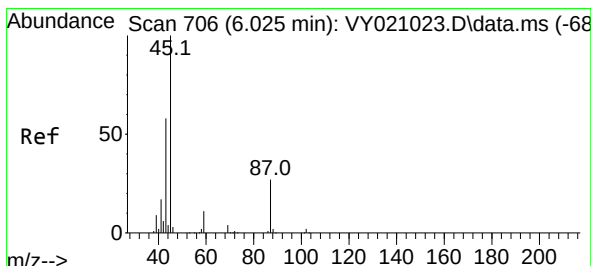
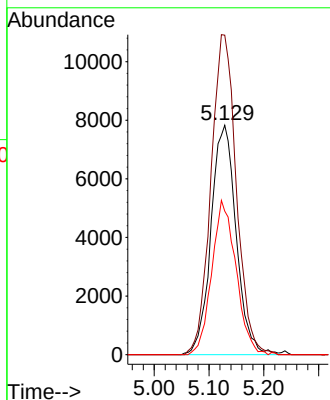
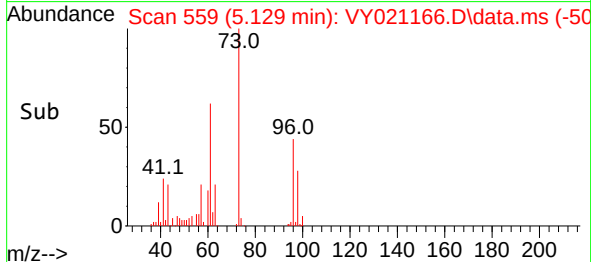
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 96 Resp: 2497
Ion Ratio Lower Upper
96 100
61 139.3 104.6 156.8
98 62.6 50.9 76.3

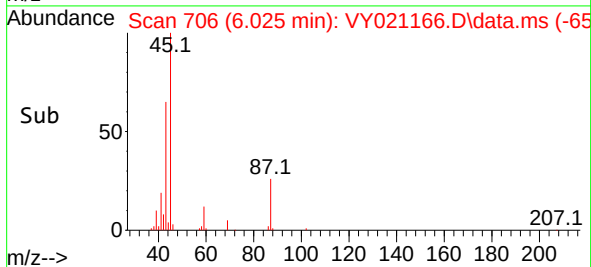
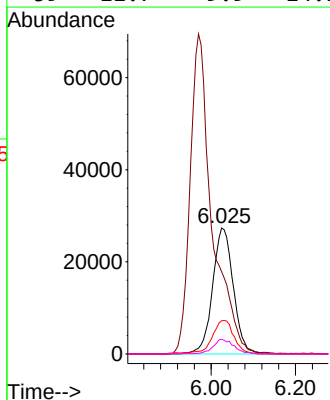
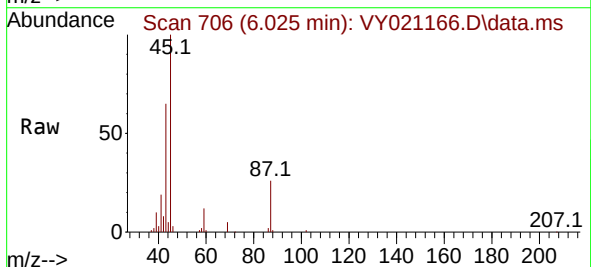
Manual Integrations
APPROVED

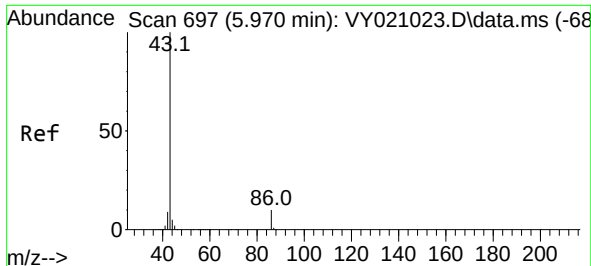
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
Diisopropyl ether
Concen: 19.776 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 45 Resp: 93108
Ion Ratio Lower Upper
45 100
43 64.9 46.8 70.2
87 26.3 22.2 33.2
59 11.7 9.9 14.9





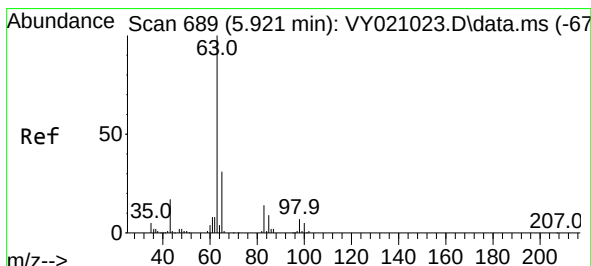
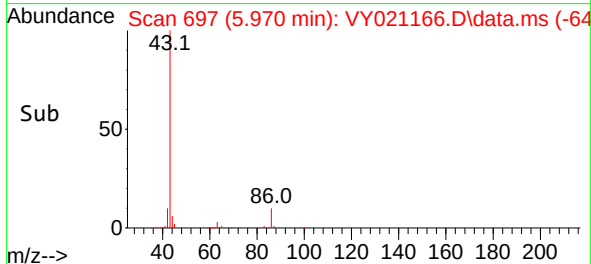
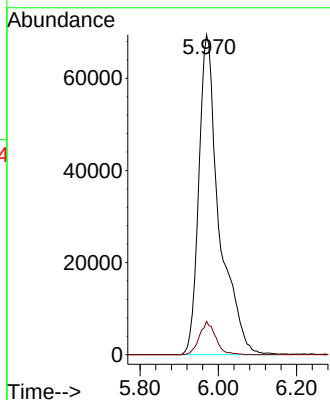
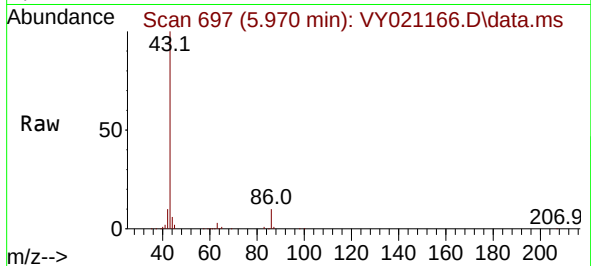
#23
 Vinyl Acetate
 Concen: 95.592 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021166.D
 Acq: 11 Feb 2025 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Tgt Ion: 43 Resp: 25088
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 13.0

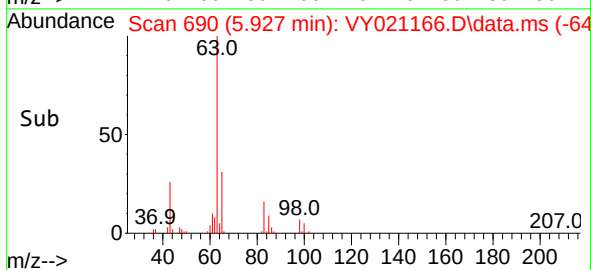
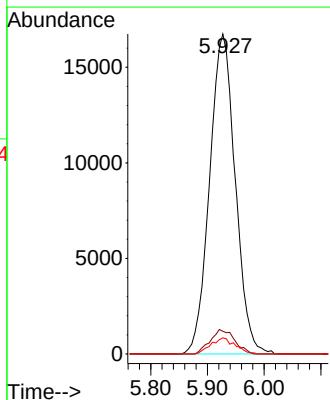
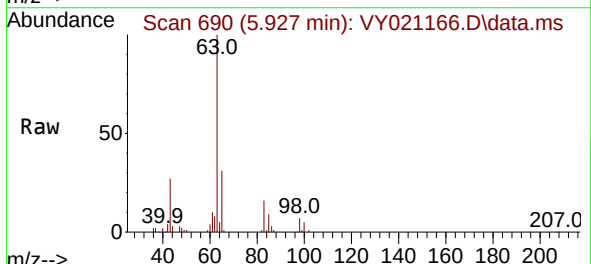
Manual Integrations
 APPROVED

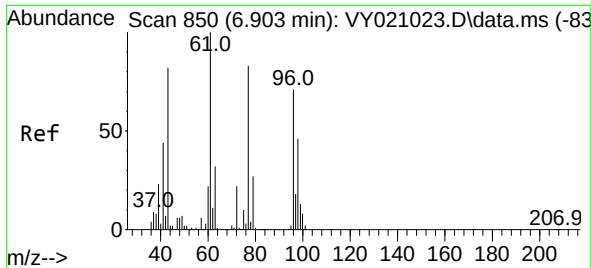
Reviewed By :Romaben Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#24
 1,1-Dichloroethane
 Concen: 19.059 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021166.D
 Acq: 11 Feb 2025 11:25

Tgt Ion: 63 Resp: 52573
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 5.0 2.1 6.2





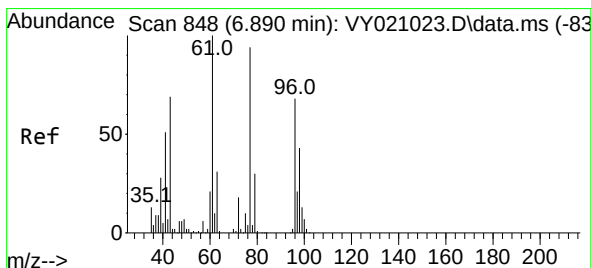
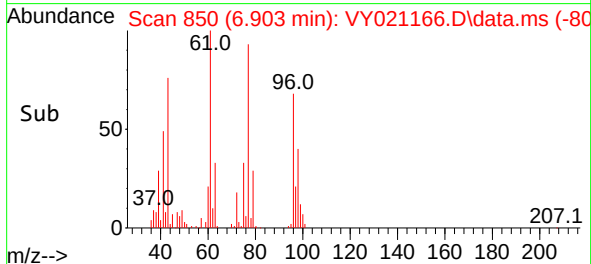
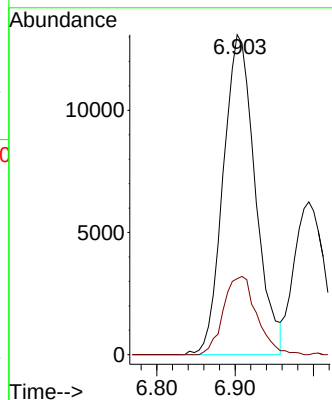
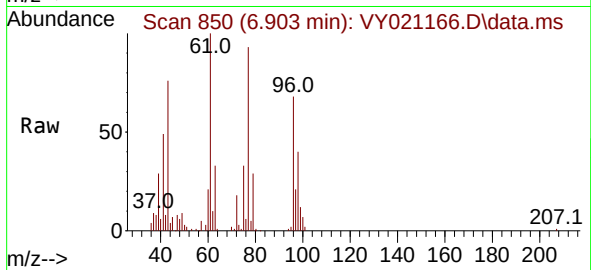
#25
2-Butanone
Concen: 99.658 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
72 23.8 21.4 32.2

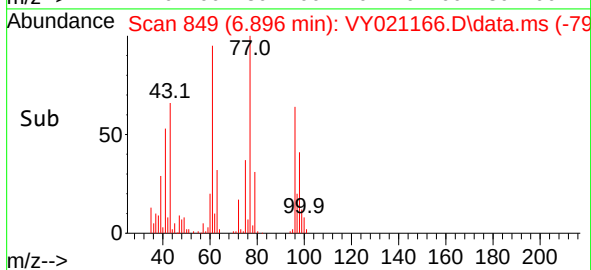
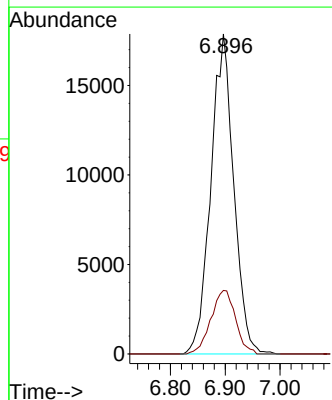
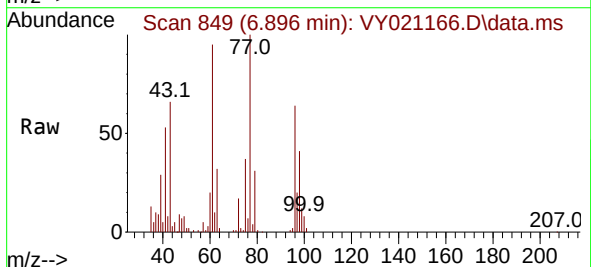
Manual Integrations
APPROVED

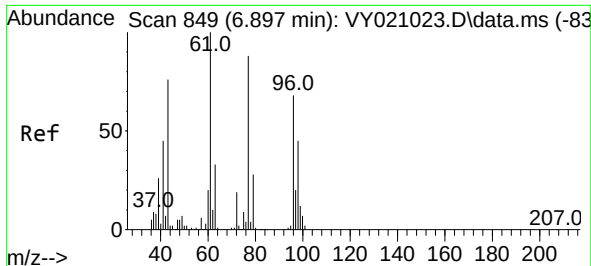
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#26
2,2-Dichloropropane
Concen: 20.291 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

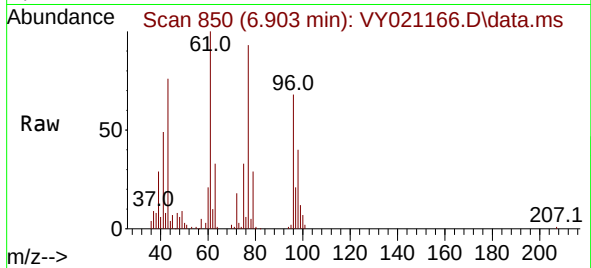
Tgt Ion: 77 Resp: 51788
Ion Ratio Lower Upper
77 100
97 21.4 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.600 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021166.D
 Acq: 11 Feb 2025 11:25

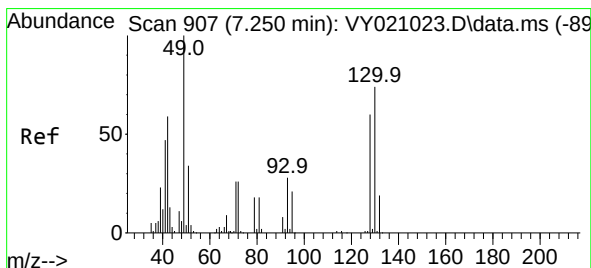
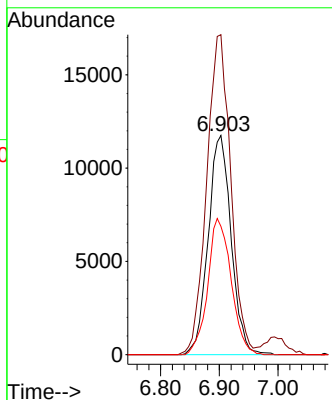
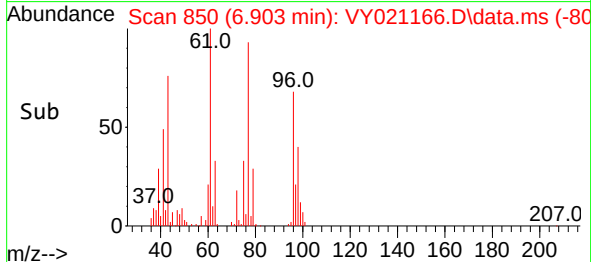
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01



Tgt Ion: 96 Resp: 31938
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 278.8
 98 63.2 0.0 127.0

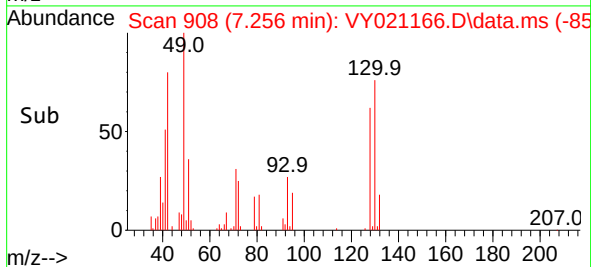
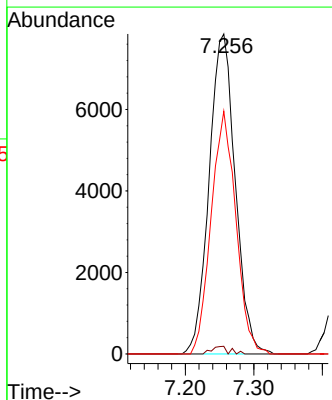
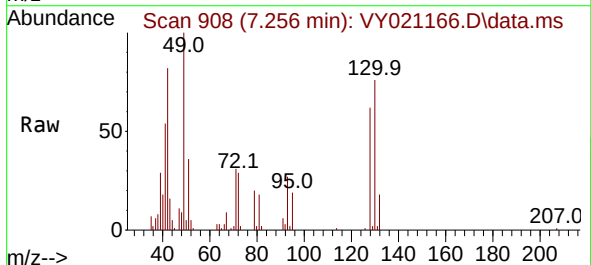
Manual Integrations
 APPROVED

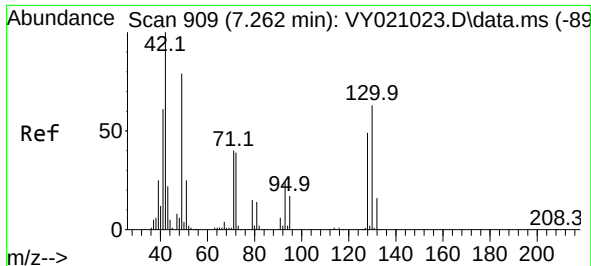
Reviewed By :Romaben Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#28
 Bromochloromethane
 Concen: 19.071 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021166.D
 Acq: 11 Feb 2025 11:25

Tgt Ion: 49 Resp: 20801
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 71.7 59.8 89.8





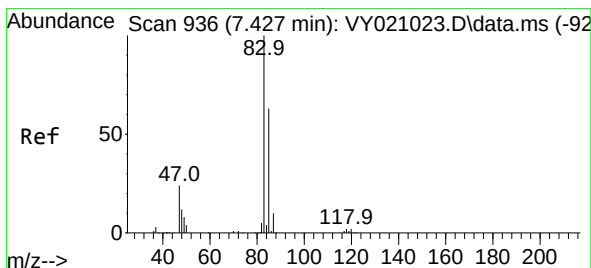
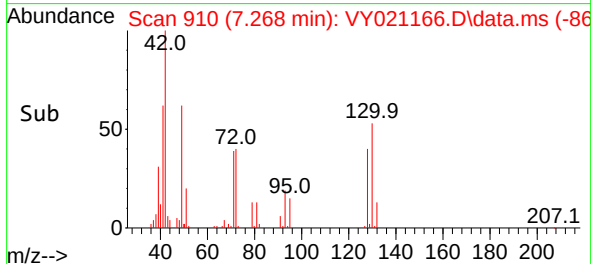
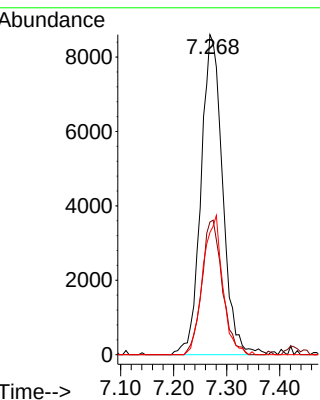
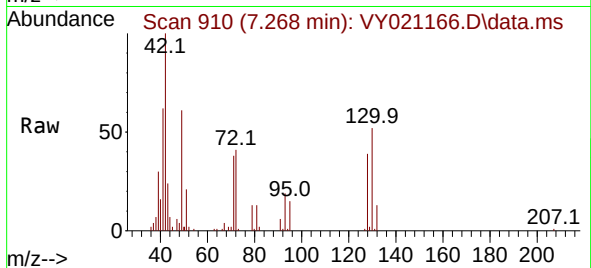
#29
Tetrahydrofuran
Concen: 96.505 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 42 Resp: 2437
Ion Ratio Lower Upper
42 100
72 39.9 36.6 54.8
71 39.9 33.8 50.6

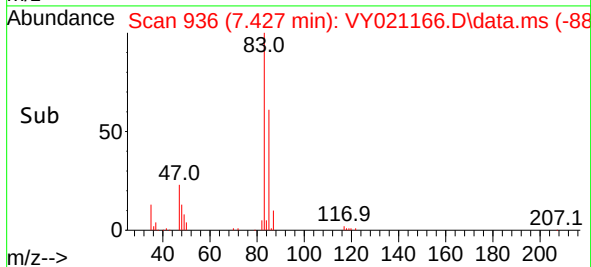
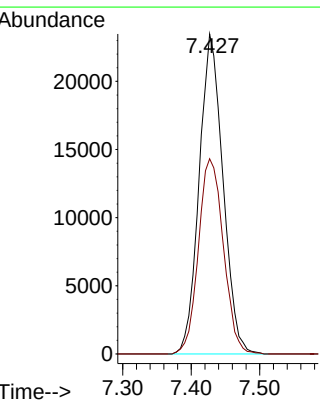
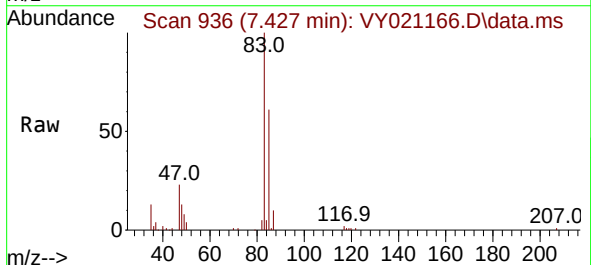
Manual Integrations
APPROVED

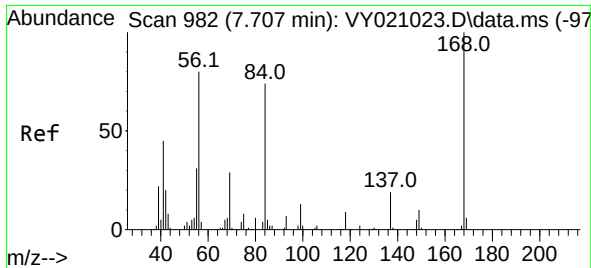
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#30
Chloroform
Concen: 19.957 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

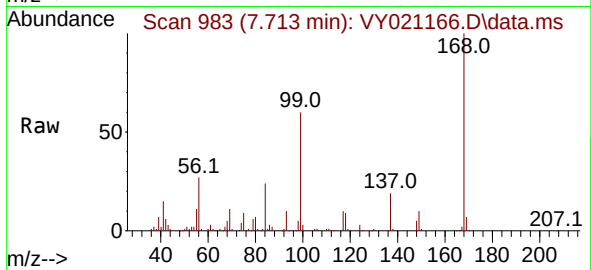
Tgt Ion: 83 Resp: 56545
Ion Ratio Lower Upper
83 100
85 61.0 51.2 76.8





#31
Cyclohexane
Concen: 16.985 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

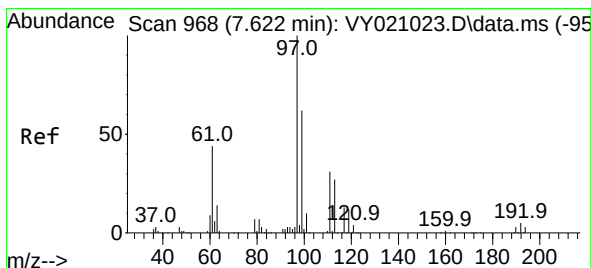
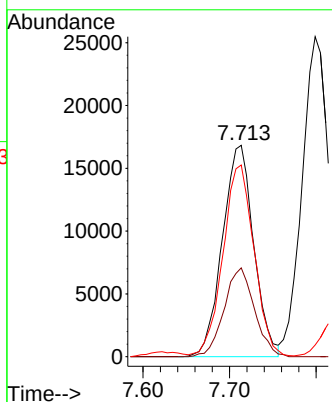
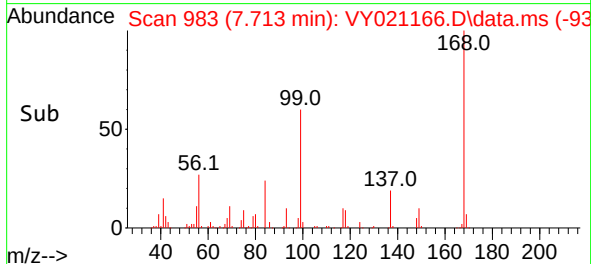
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 56 Resp: 4219
Ion Ratio Lower Upper
56 100
69 42.0 27.0 40.6
84 88.9 71.8 107.6

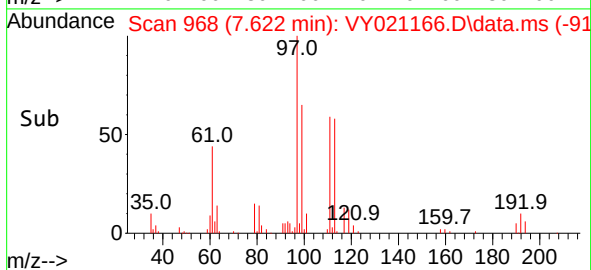
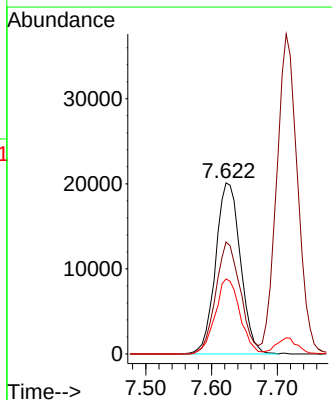
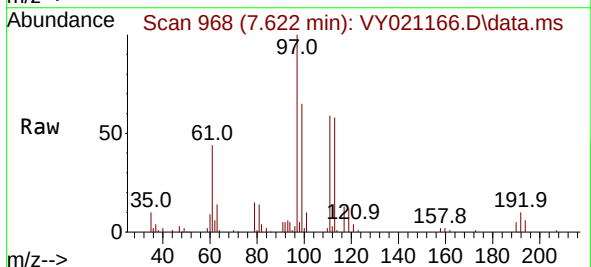
Manual Integrations
APPROVED

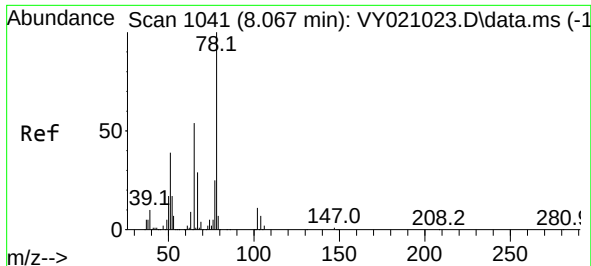
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#32
1,1,1-Trichloroethane
Concen: 20.027 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 97 Resp: 52756
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 48.732 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBS01

Tgt Ion: 65 Resp: 70970

Ion Ratio Lower Upper

65 100

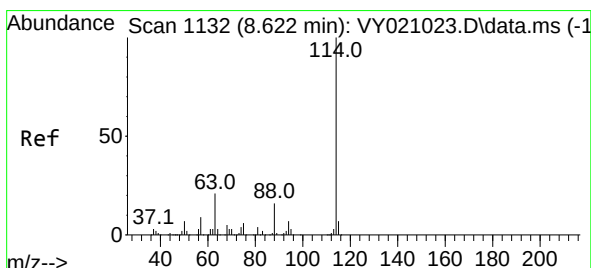
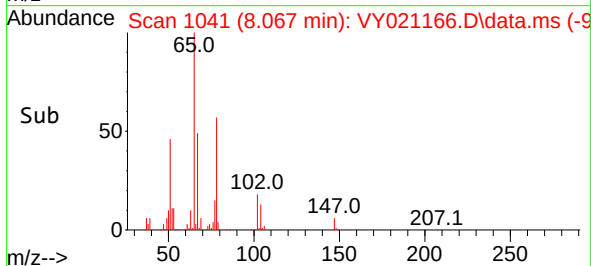
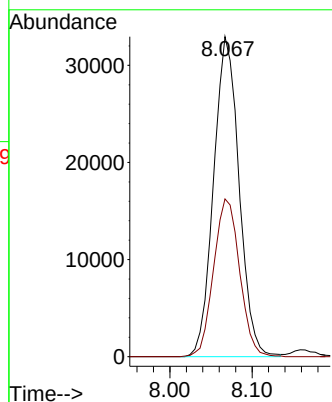
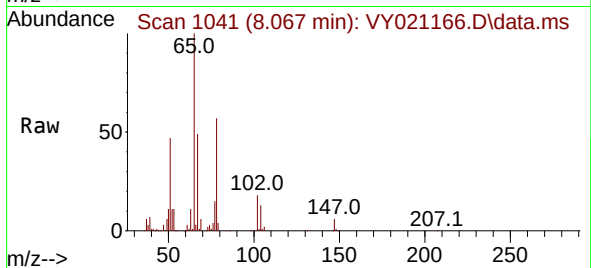
67 50.3 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

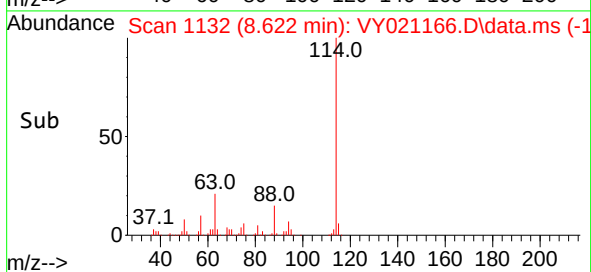
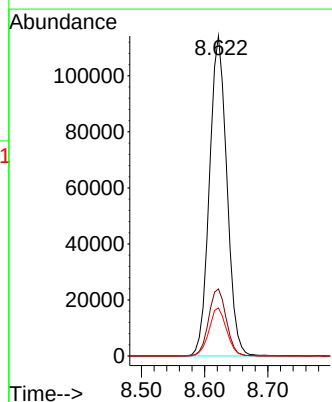
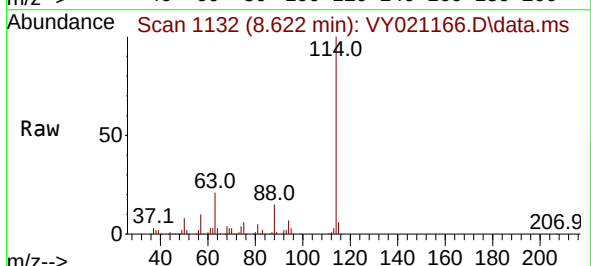
Tgt Ion:114 Resp: 218663

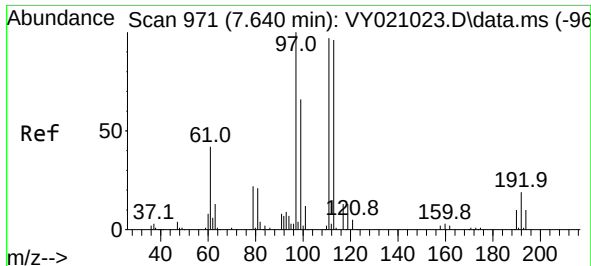
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.0 0.0 29.0





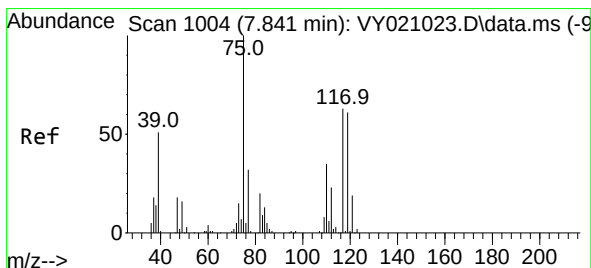
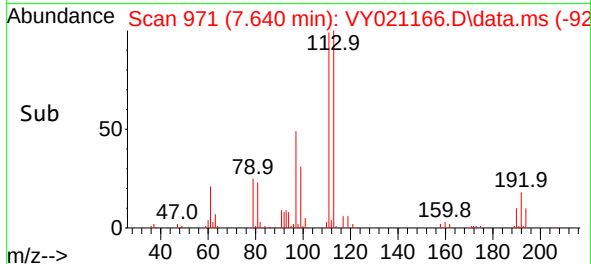
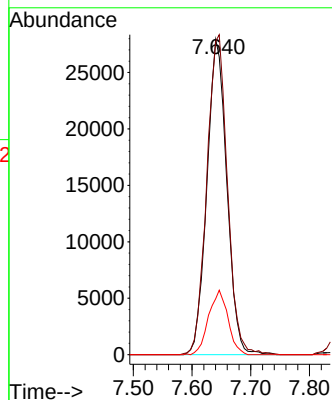
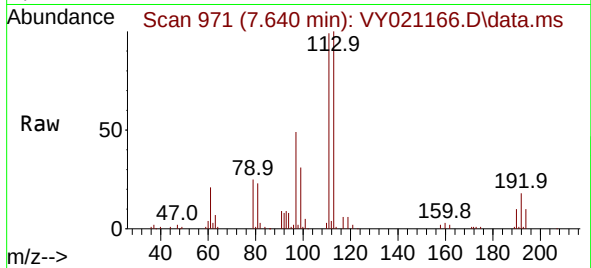
#35
Dibromofluoromethane
Concen: 46.981 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion:113 Resp: 65830
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 19.9 14.5 21.7

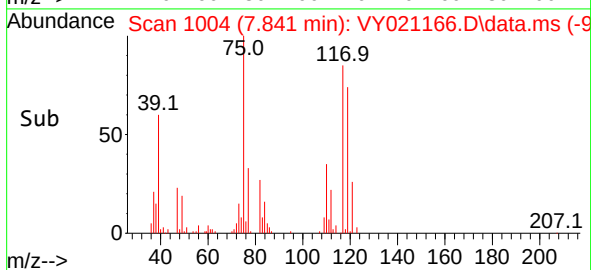
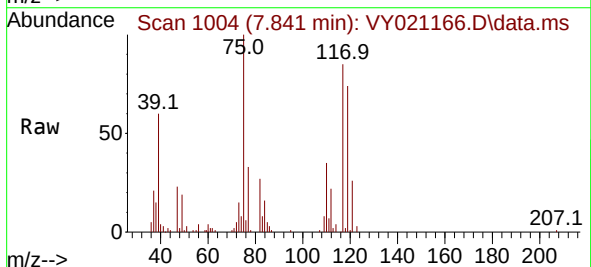
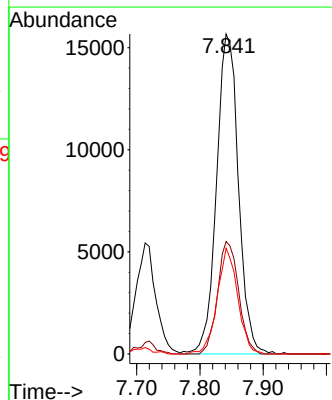
Manual Integrations
APPROVED

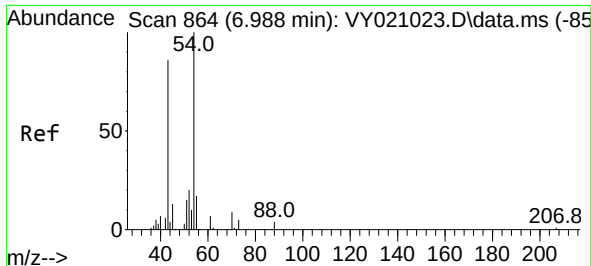
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,1-Dichloropropene
Concen: 18.148 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

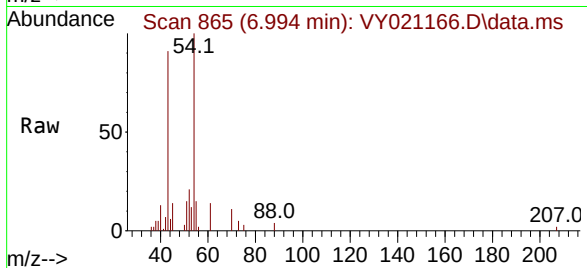
Tgt Ion: 75 Resp: 37669
Ion Ratio Lower Upper
75 100
110 33.7 17.4 52.3
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 18.801 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

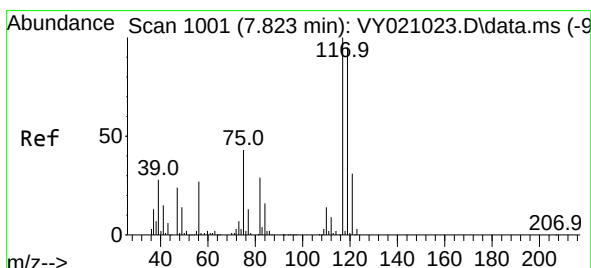
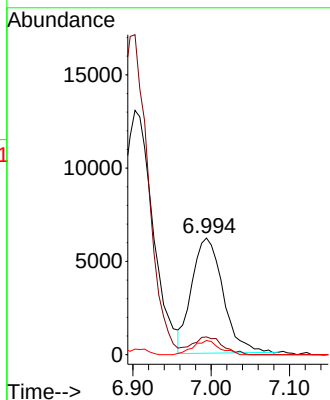
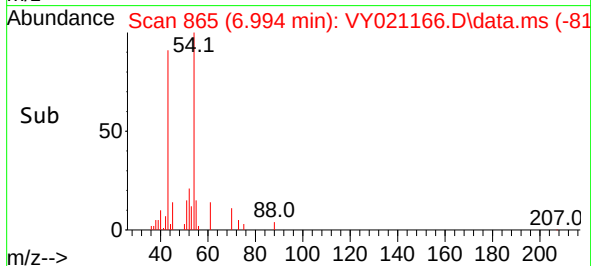
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 43 Resp: 17119
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.4 8.1 12.1

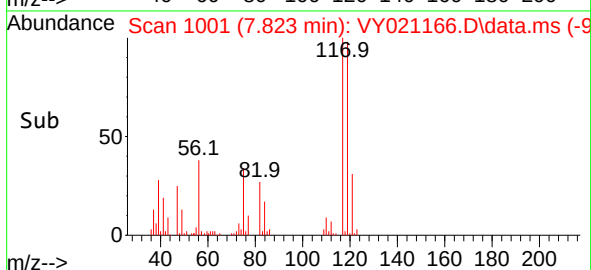
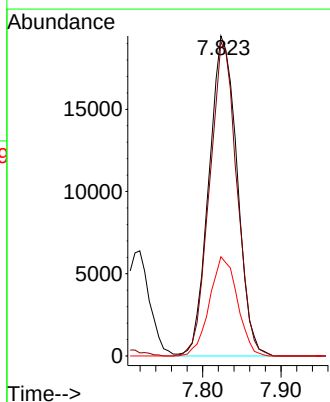
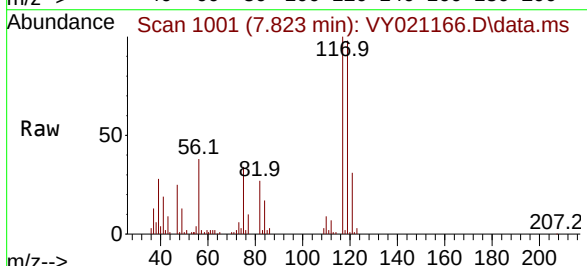
Manual Integrations
APPROVED

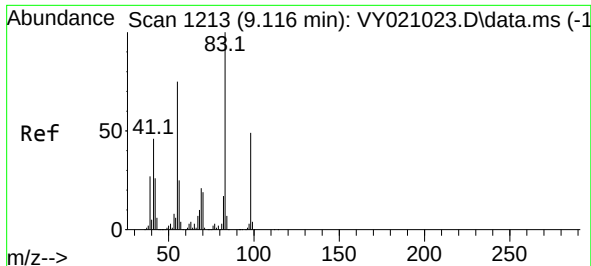
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#38
Carbon Tetrachloride
Concen: 20.012 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

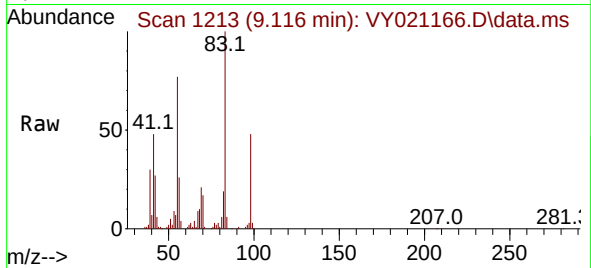
Tgt Ion:117 Resp: 48535
Ion Ratio Lower Upper
117 100
119 98.0 76.0 114.0
121 31.0 24.2 36.2





#39
Methylcyclohexane
Concen: 17.412 ug/l
RT: 9.116 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

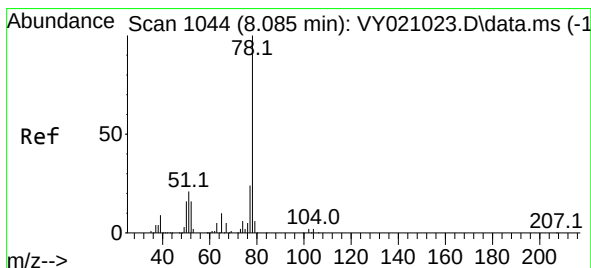
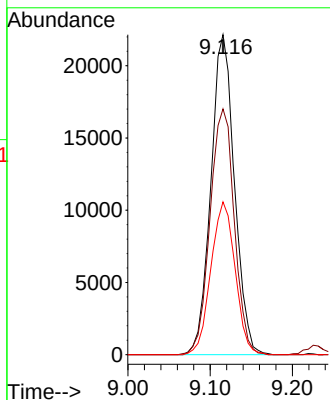
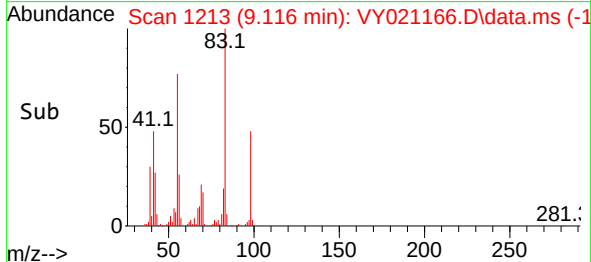
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



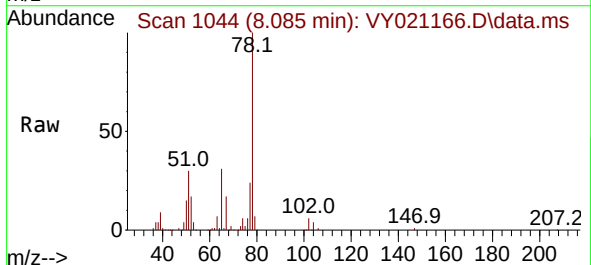
Tgt Ion: 83 Resp: 44200
Ion Ratio Lower Upper
83 100
55 76.8 59.7 89.5
98 47.8 38.0 57.0

Manual Integrations
APPROVED

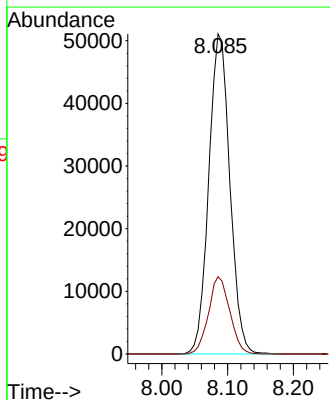
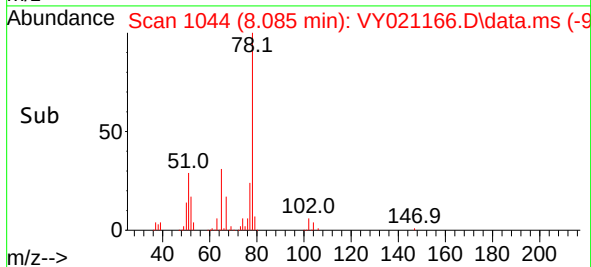
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

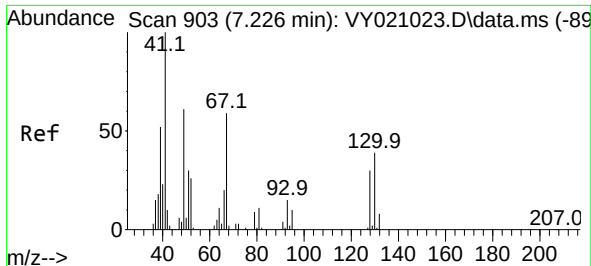


#40
Benzene
Concen: 18.711 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



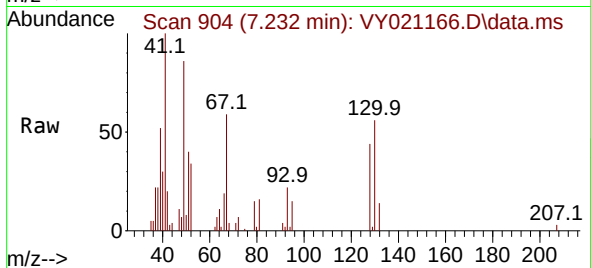
Tgt Ion: 78 Resp: 113971
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41
Methacrylonitrile
Concen: 15.365 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

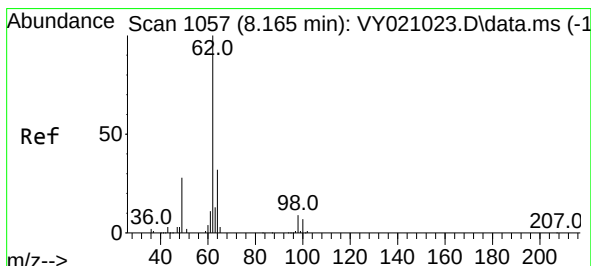
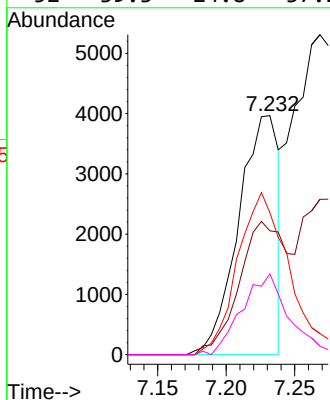
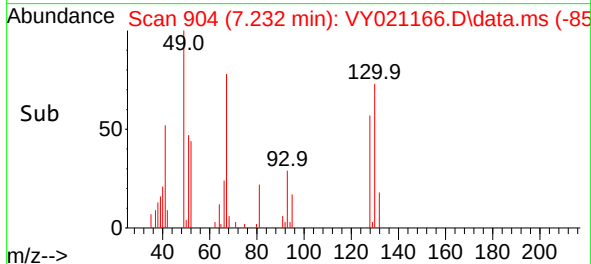
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 41 Resp: 8094
Ion Ratio Lower Upper
41 100
39 69.9 41.9 62.9
67 88.0 59.8 89.6
52 39.3 24.8 37.2#

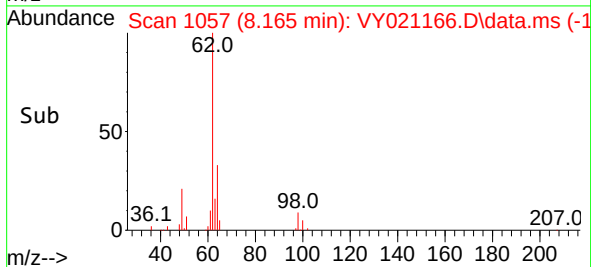
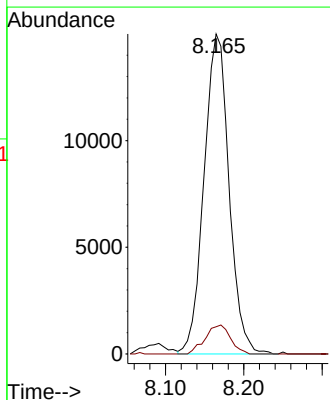
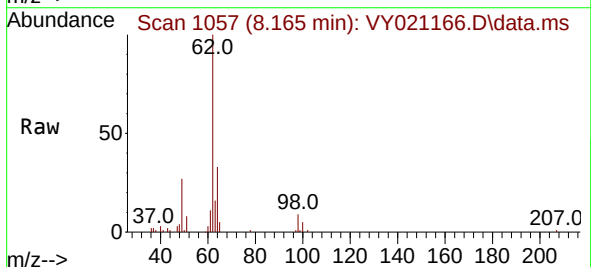
Manual Integrations
APPROVED

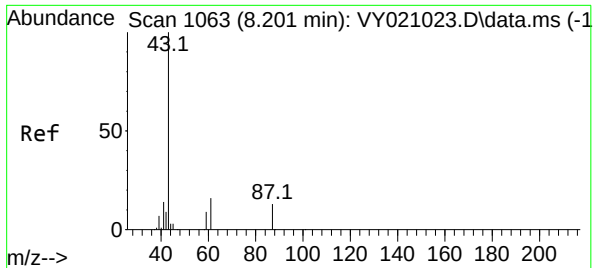
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#42
1,2-Dichloroethane
Concen: 19.703 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

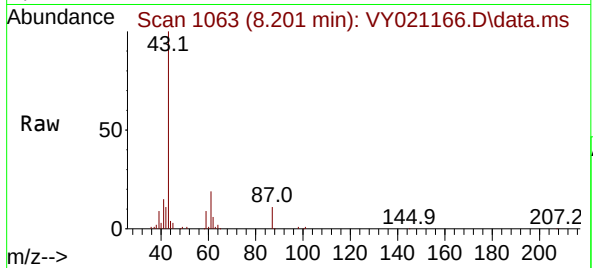
Tgt Ion: 62 Resp: 33293
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.809 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

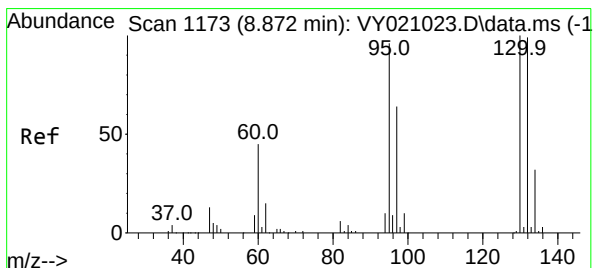
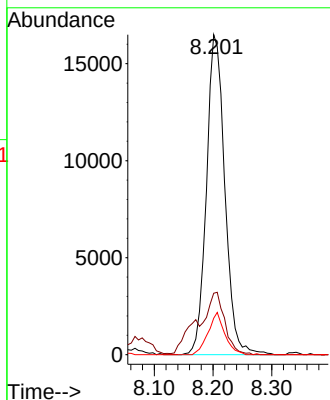
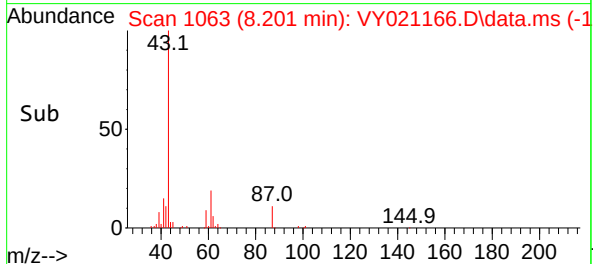
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



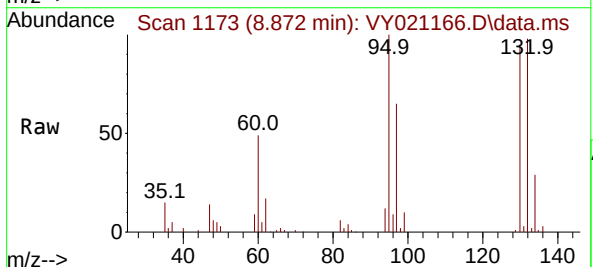
Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
61 19.6 24.8 37.2
87 12.0 10.7 16.1

Manual Integrations
APPROVED

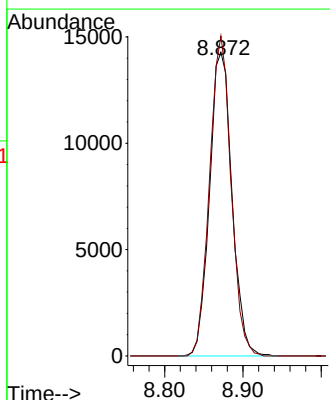
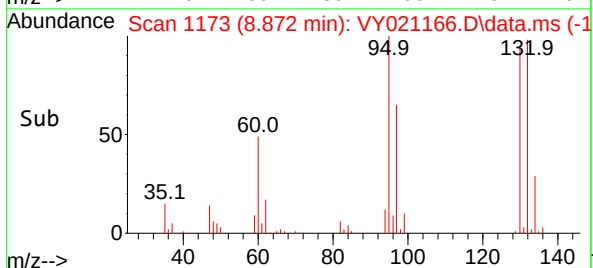
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

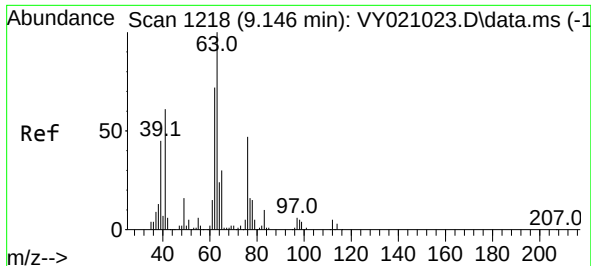


#44
Trichloroethene
Concen: 18.069 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion:130 Resp: 28436
Ion Ratio Lower Upper
130 100
95 105.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.530 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBS01

Tgt Ion: 63 Resp: 28230

Ion Ratio Lower Upper

63 100

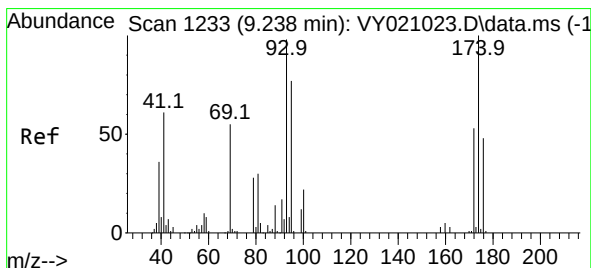
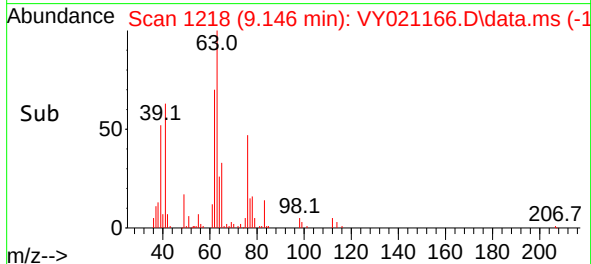
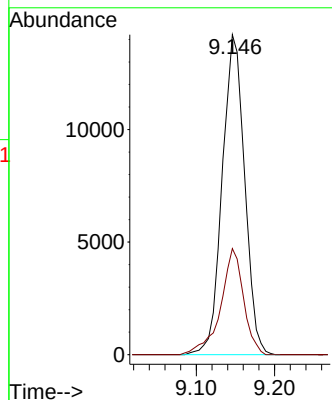
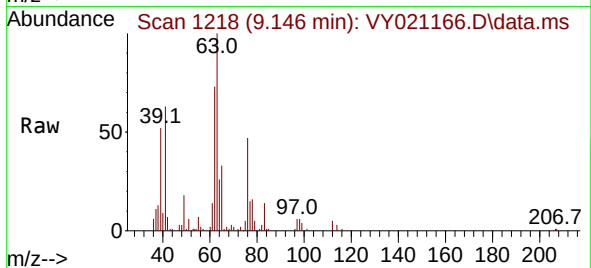
65 33.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#46

Dibromomethane

Concen: 18.660 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

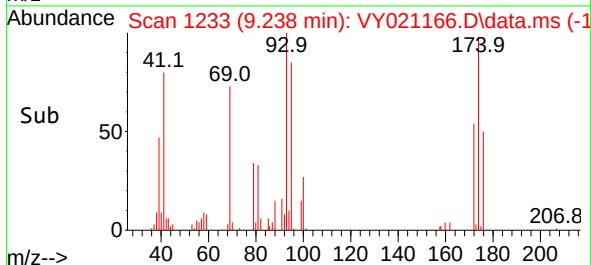
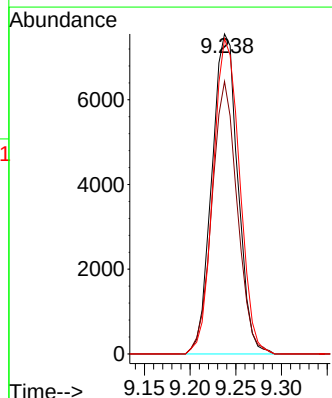
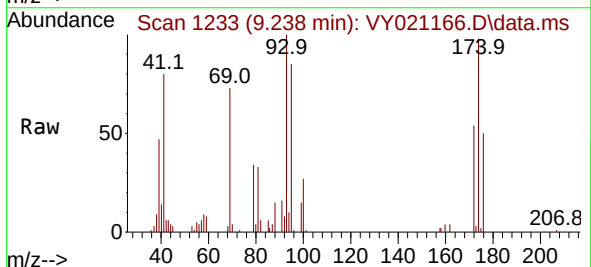
Tgt Ion: 93 Resp: 14937

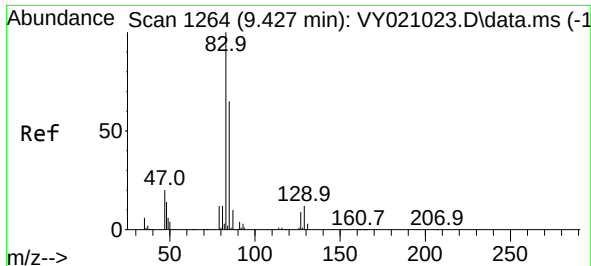
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

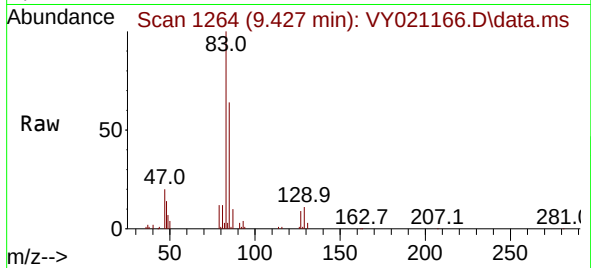
174 100.2 73.8 110.6





#47
Bromodichloromethane
Concen: 20.365 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

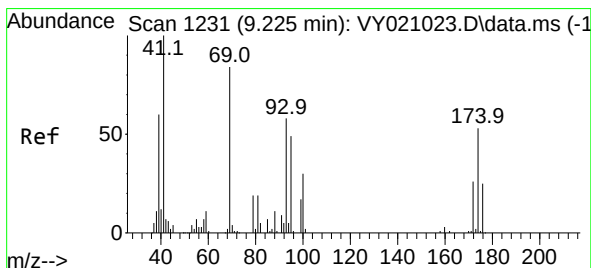
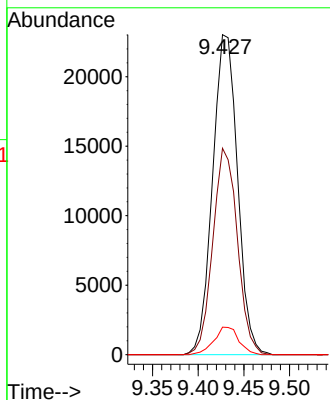
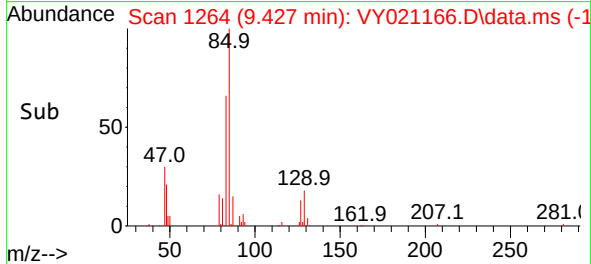
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 83 Resp: 4372
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.6 6.4 9.6

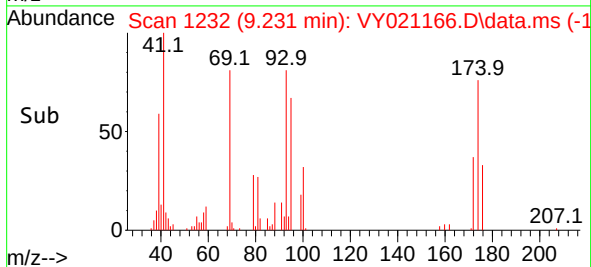
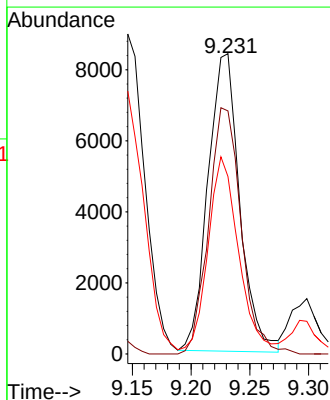
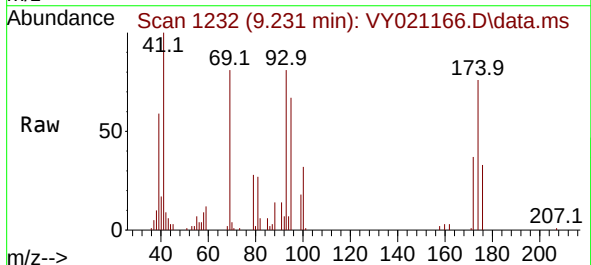
Manual Integrations
APPROVED

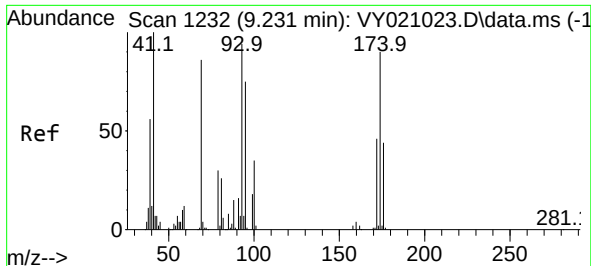
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#48
Methyl methacrylate
Concen: 19.068 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 41 Resp: 15715
Ion Ratio Lower Upper
41 100
69 84.7 72.1 108.1
39 61.6 42.8 64.2





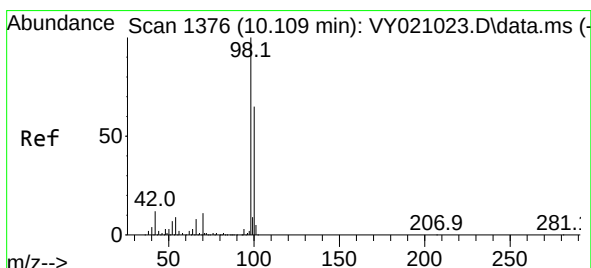
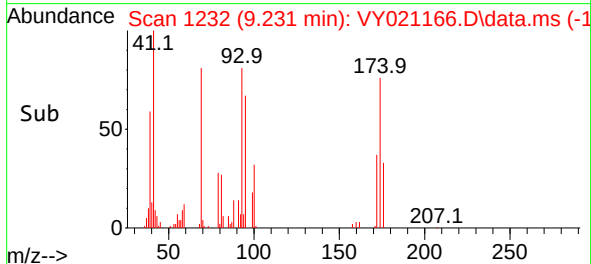
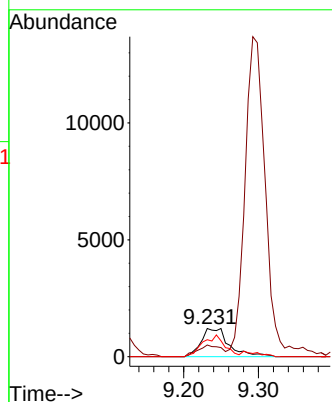
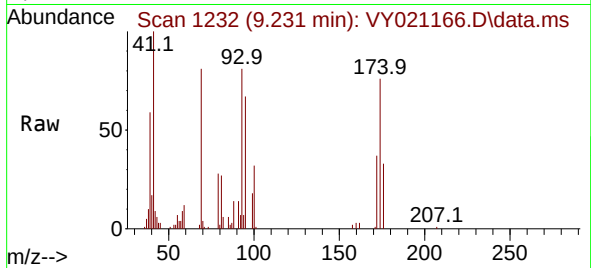
#49
1,4-Dioxane
Concen: 420.027 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 88 Resp: 3130
Ion Ratio Lower Upper
88 100
43 34.7 28.2 42.4
58 61.2 52.2 78.2

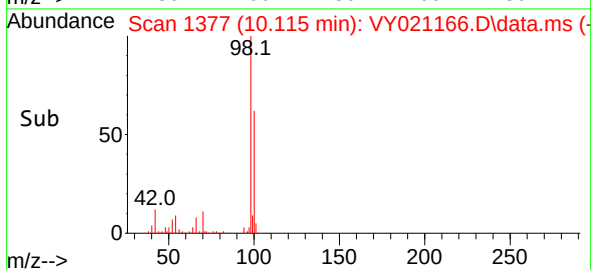
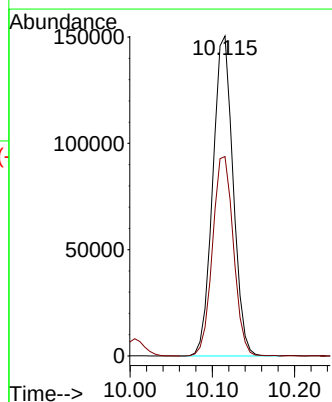
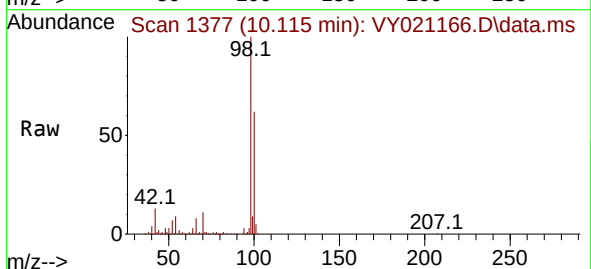
Manual Integrations
APPROVED

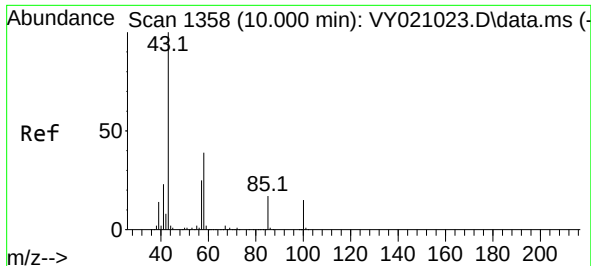
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#50
Toluene-d8
Concen: 48.450 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 98 Resp: 258480
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5





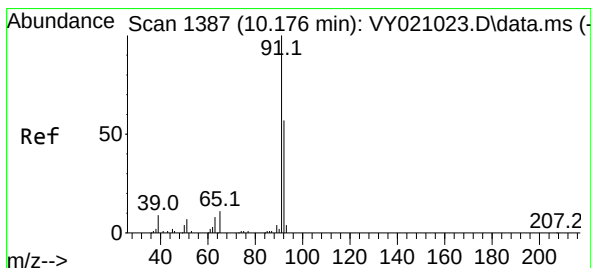
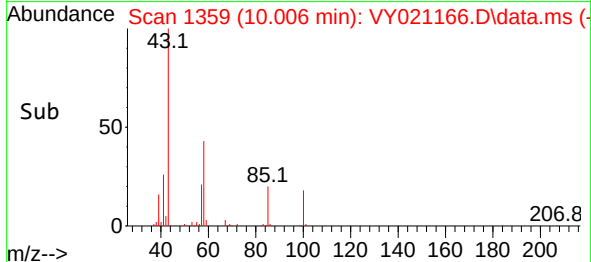
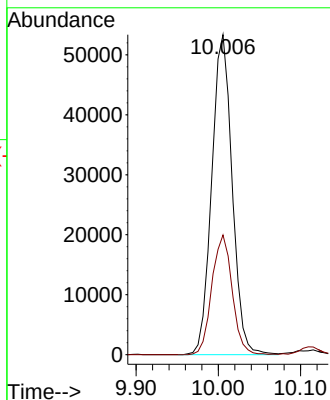
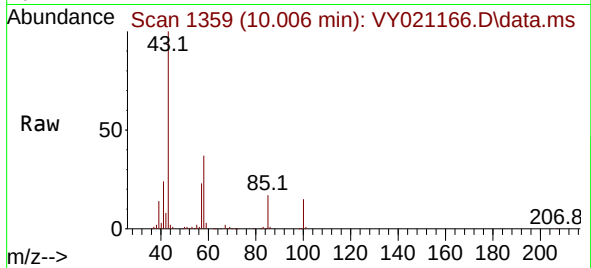
#51
4-Methyl-2-Pentanone
Concen: 101.285 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 43 Resp: 9215
Ion Ratio Lower Upper
43 100
58 37.2 32.2 48.2

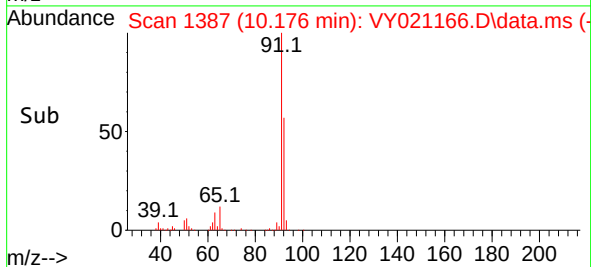
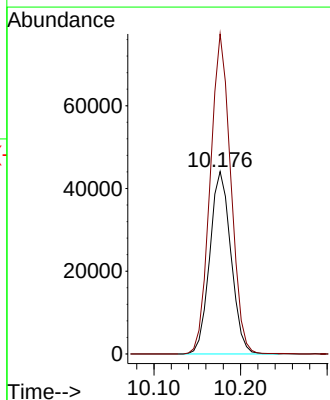
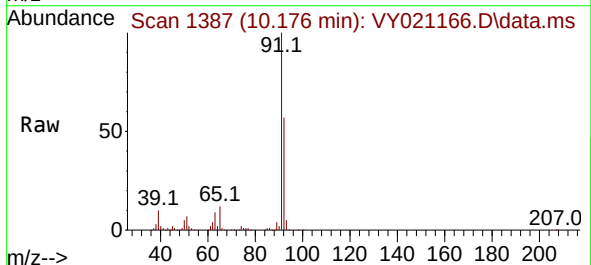
Manual Integrations
APPROVED

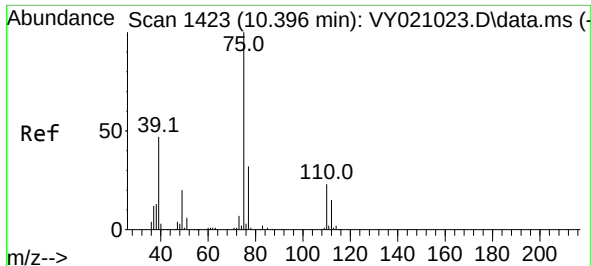
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#52
Toluene
Concen: 19.538 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion: 92 Resp: 74728
Ion Ratio Lower Upper
92 100
91 171.0 137.6 206.4





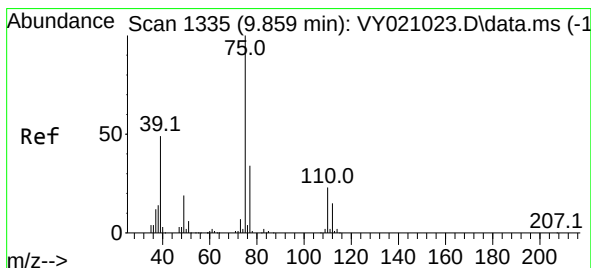
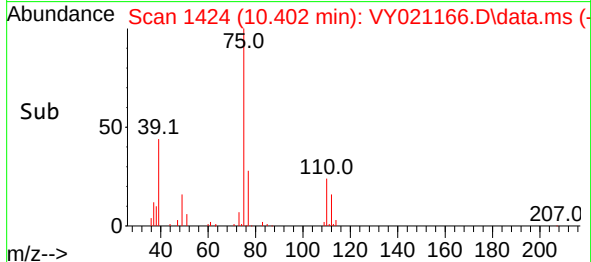
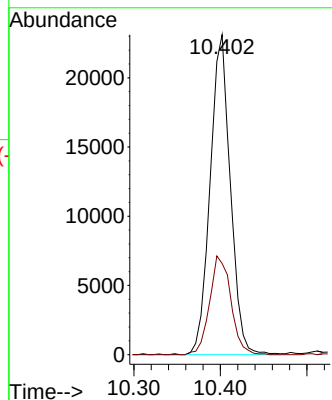
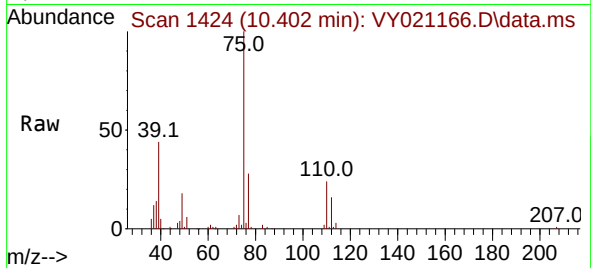
#53
t-1,3-Dichloropropene
Concen: 19.437 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 75 Resp: 37469
Ion Ratio Lower Upper
75 100
77 28.5 24.6 36.8

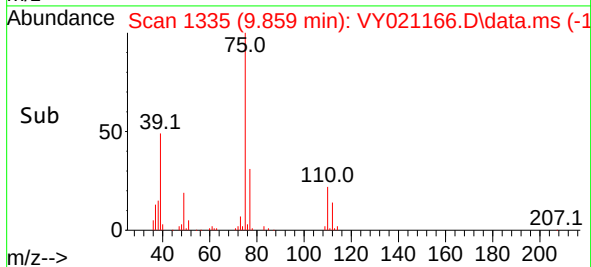
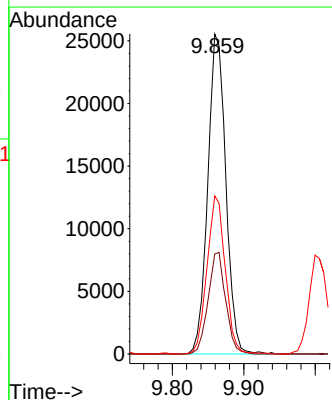
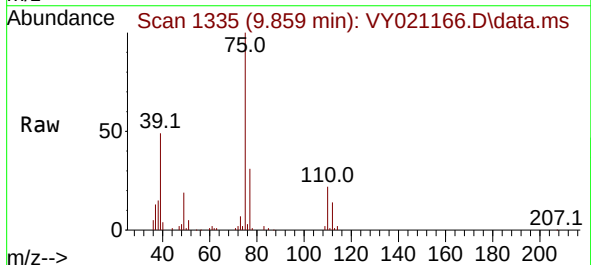
Manual Integrations
APPROVED

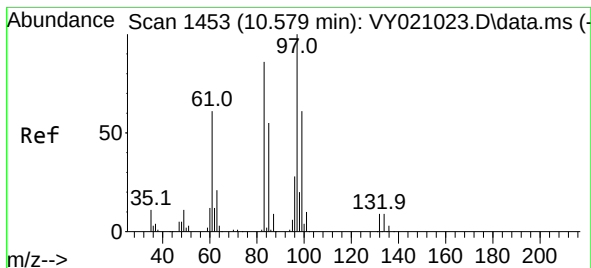
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#54
cis-1,3-Dichloropropene
Concen: 19.625 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

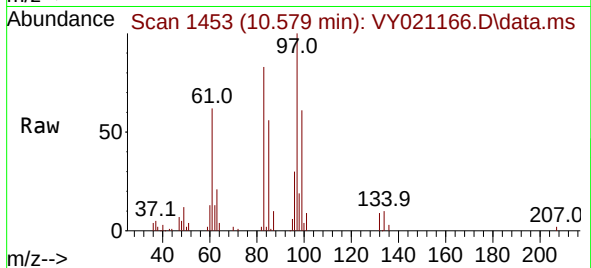
Tgt Ion: 75 Resp: 44792
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 49.4 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 19.877 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

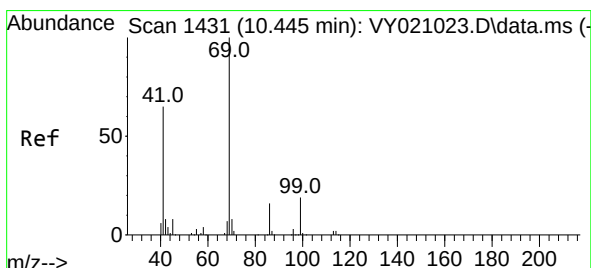
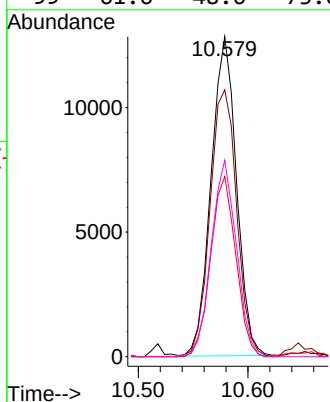
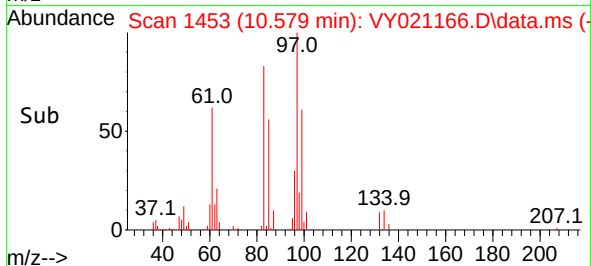
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



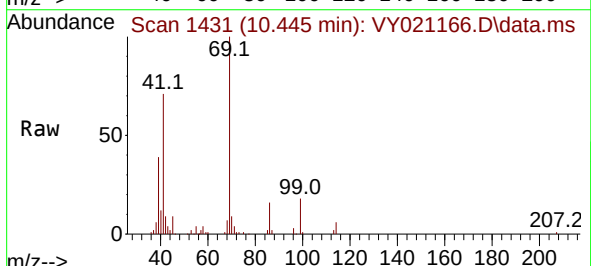
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.4	104.2
85	56.5	43.9	65.9
99	61.6	48.6	73.0

Manual Integrations
APPROVED

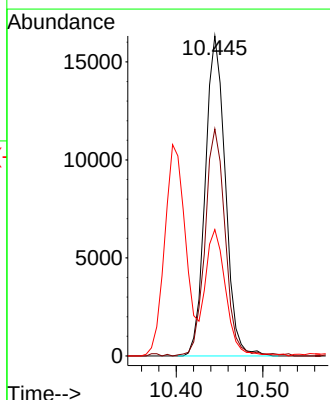
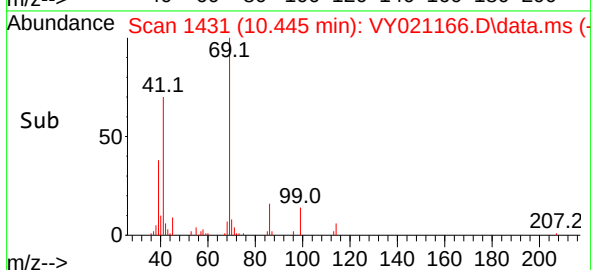
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

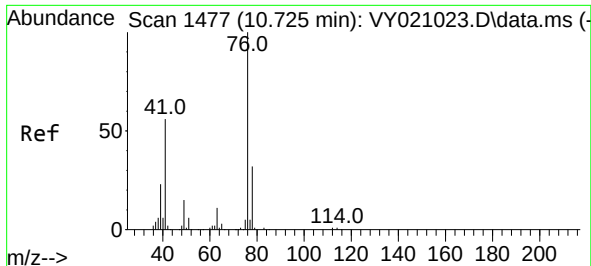


#56
Ethyl methacrylate
Concen: 18.904 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



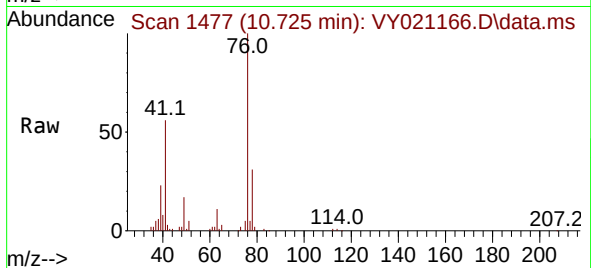
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	49.2	73.8
39	39.2	26.8	40.2





#57
1,3-Dichloropropane
Concen: 19.951 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

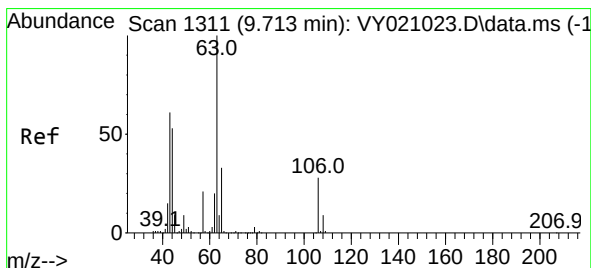
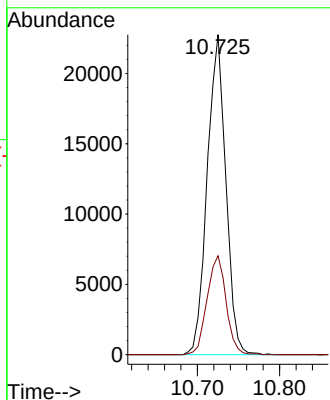
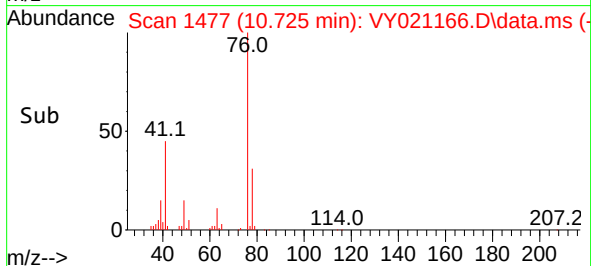
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 76 Resp: 3579
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1

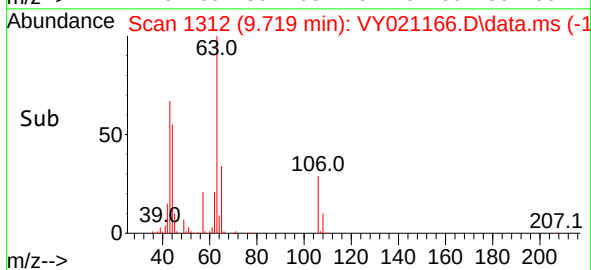
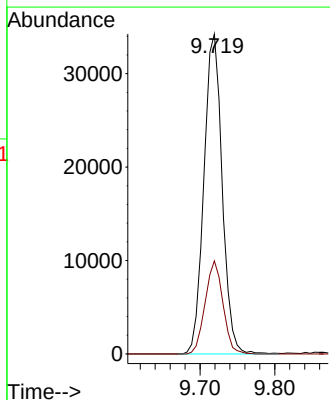
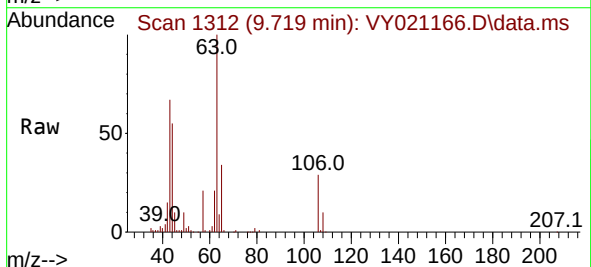
Manual Integrations
APPROVED

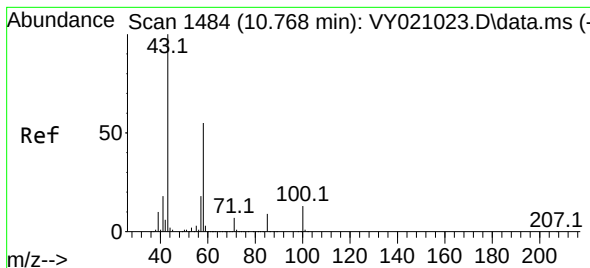
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.011 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

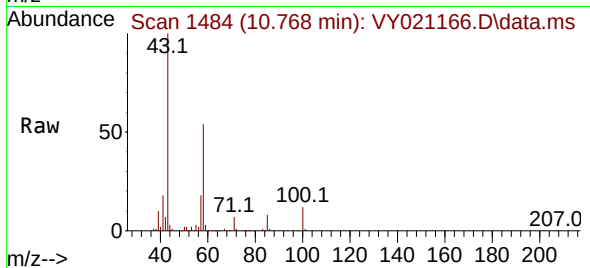
Tgt Ion: 63 Resp: 58063
Ion Ratio Lower Upper
63 100
106 28.3 22.4 33.6





#59
2-Hexanone
Concen: 99.505 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

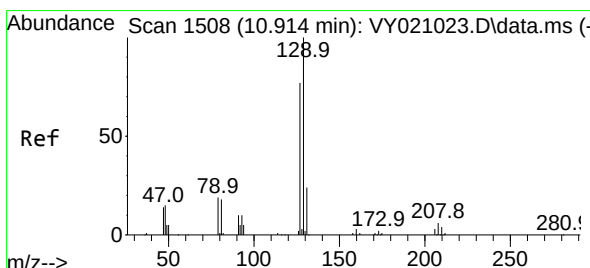
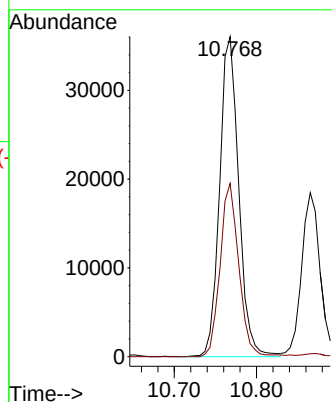
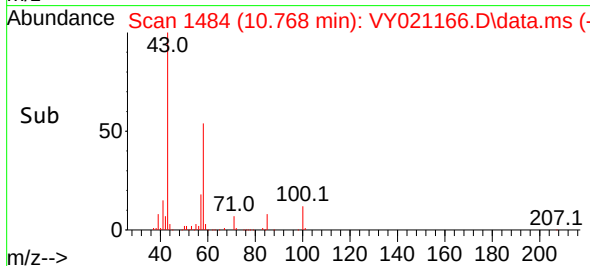
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



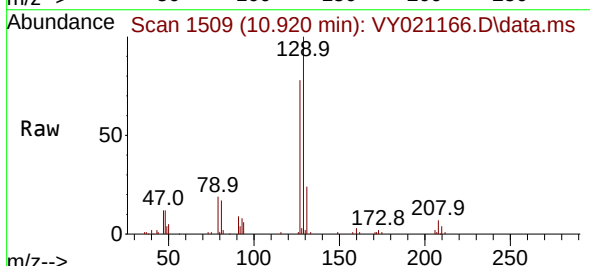
Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
58 53.0 28.1 84.3

Manual Integrations
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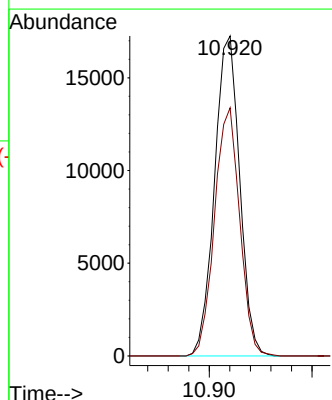
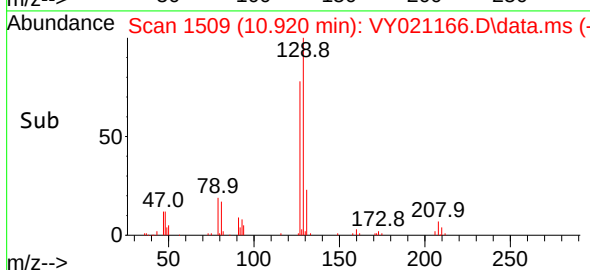
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

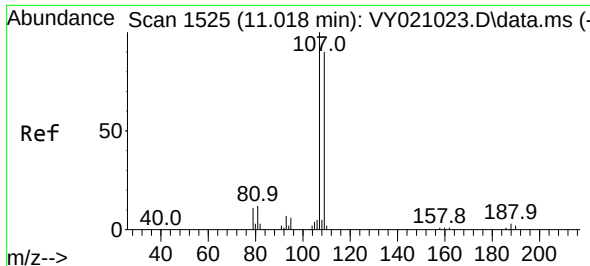


#60
Dibromochloromethane
Concen: 20.114 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion:129 Resp: 29281
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





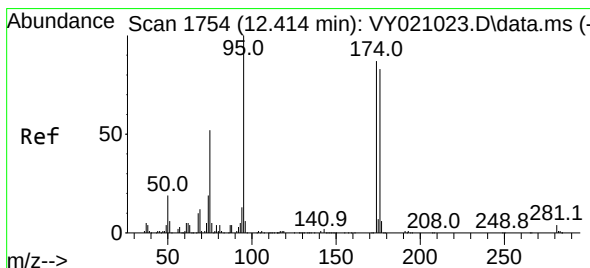
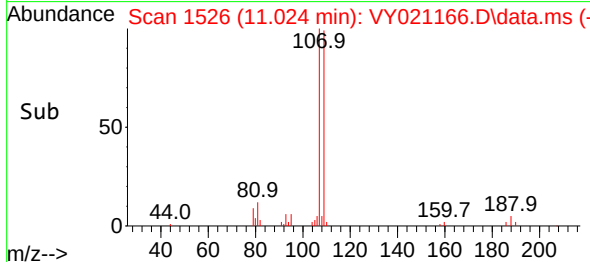
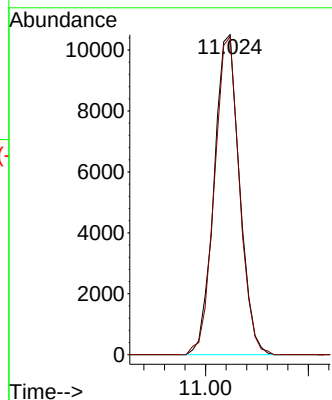
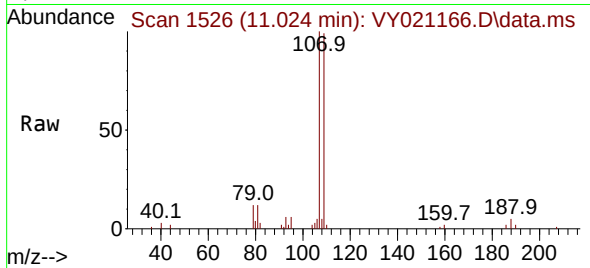
#61
1,2-Dibromoethane
Concen: 18.542 ug/l
RT: 11.024 min Scan# 11024
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion:107 Resp: 1800
Ion Ratio Lower Upper
107 100
109 97.6 75.4 113.2

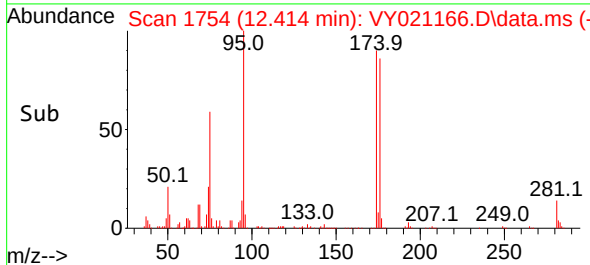
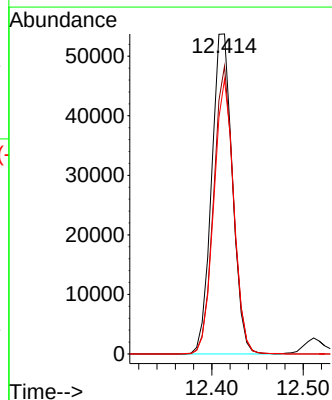
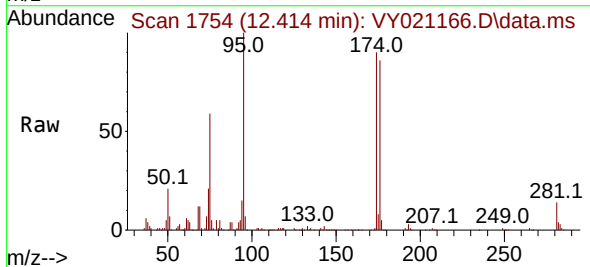
Manual Integrations
APPROVED

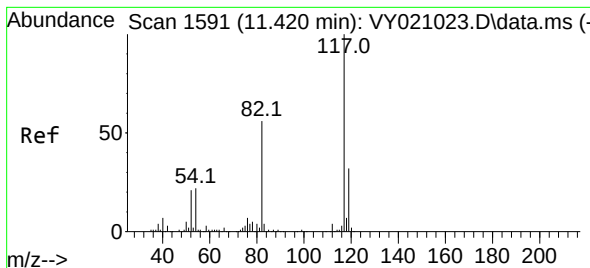
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#62
4-Bromofluorobenzene
Concen: 48.856 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

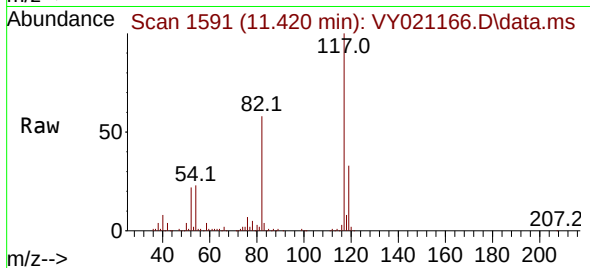
Tgt Ion: 95 Resp: 85152
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.0
176 82.6 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

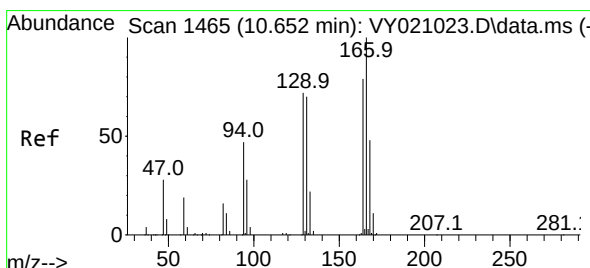
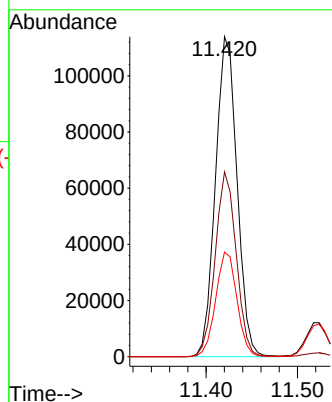
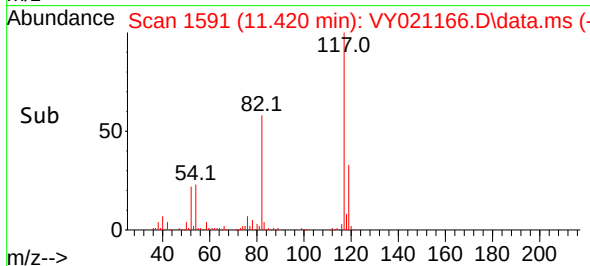
Instrument : MSVOA_Y
ClientSampleId : VY0211SBS01



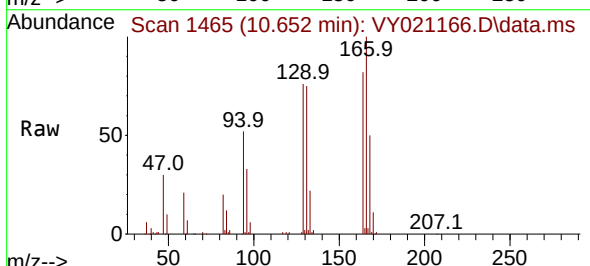
Tgt Ion:117 Resp: 187360
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 32.7 26.5 39.7

Manual Integrations
APPROVED

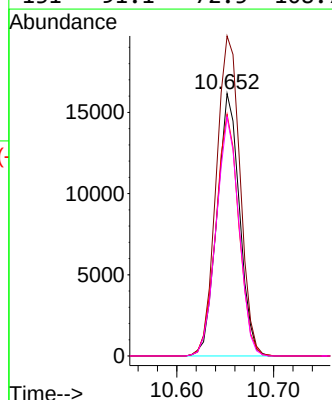
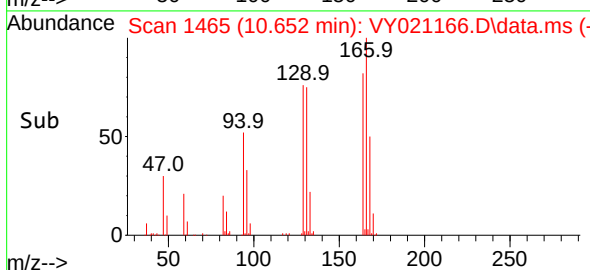
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

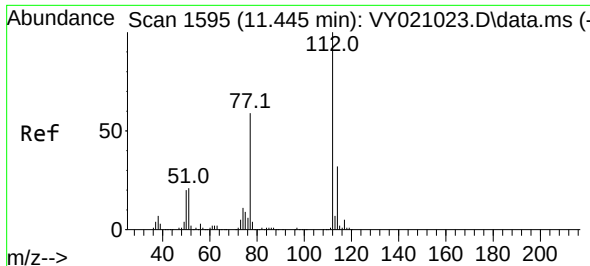


#64
Tetrachloroethene
Concen: 18.735 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion:164 Resp: 26059
Ion Ratio Lower Upper
164 100
166 121.9 98.8 148.2
129 92.1 78.9 118.3
131 91.1 72.5 108.7





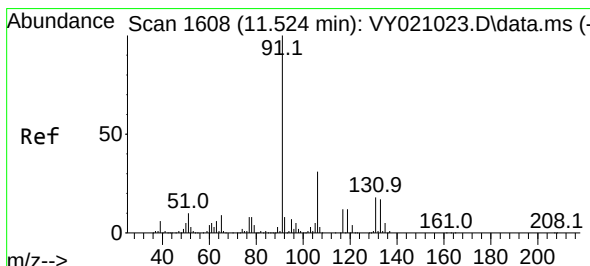
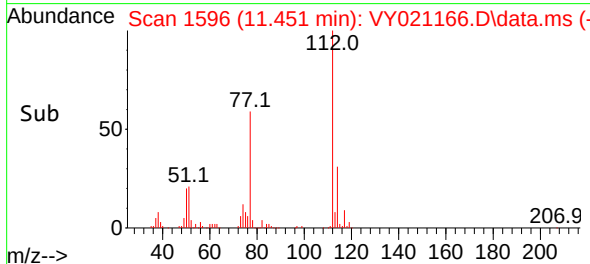
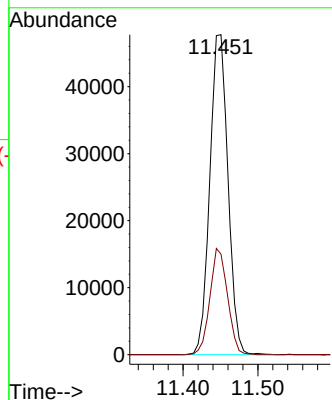
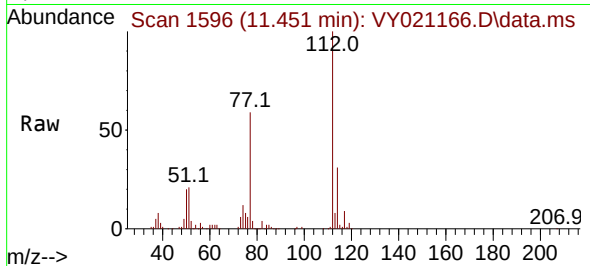
#65
Chlorobenzene
Concen: 19.329 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion:112 Resp: 80640
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1

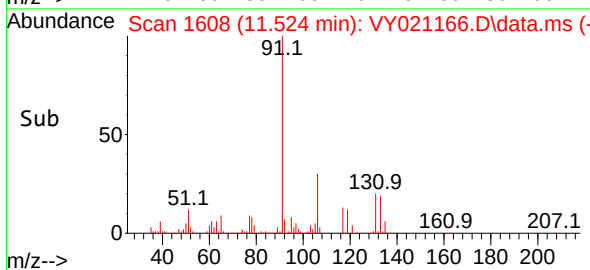
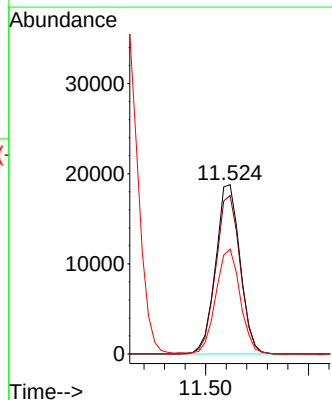
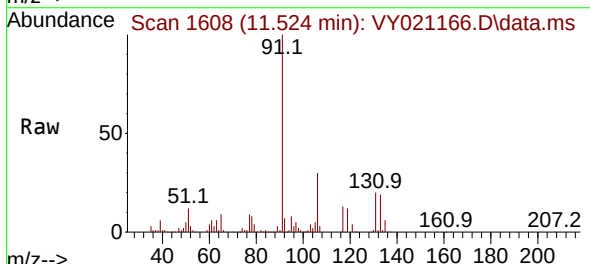
Manual Integrations
APPROVED

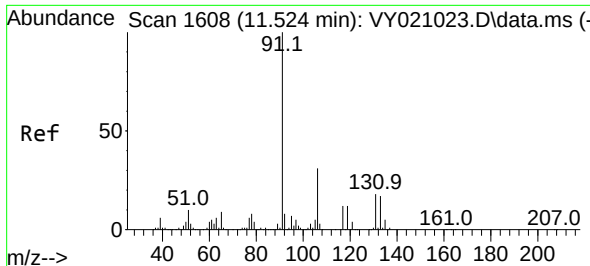
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.825 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion:131 Resp: 30876
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.0
119 62.0 33.3 99.9





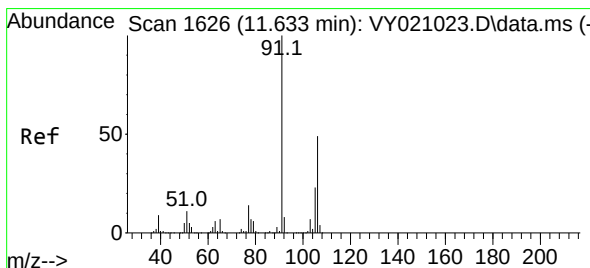
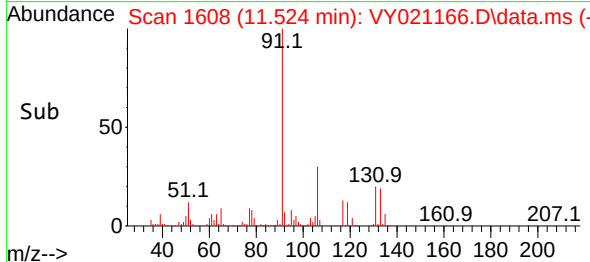
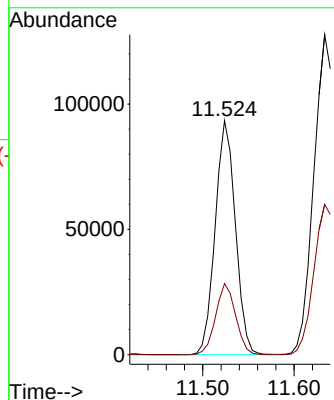
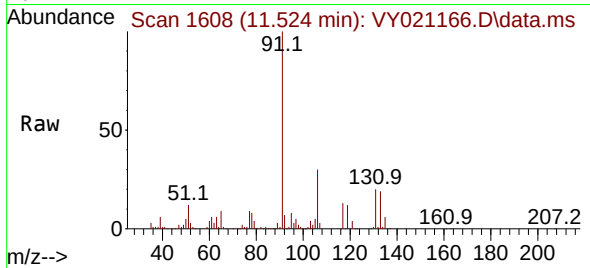
#67
Ethyl Benzene
Concen: 19.449 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 91 Resp: 143518
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4

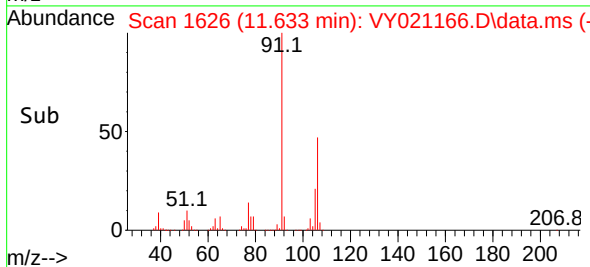
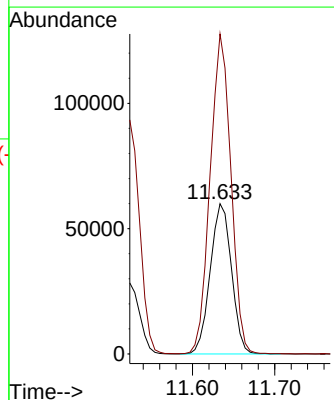
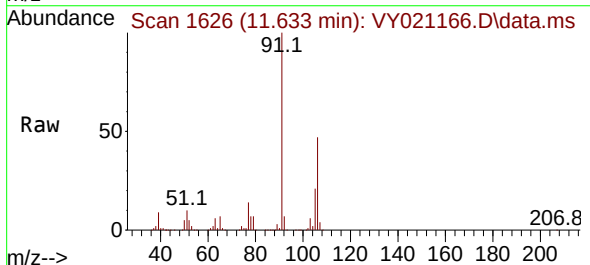
Manual Integrations
APPROVED

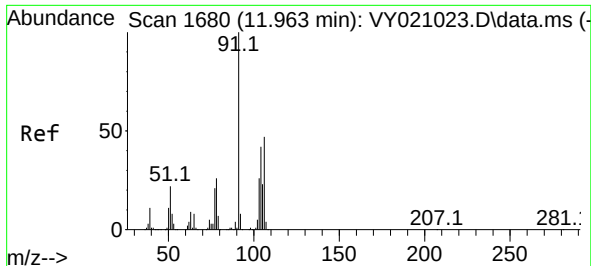
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#68
m/p-Xylenes
Concen: 39.041 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion:106 Resp: 107776
Ion Ratio Lower Upper
106 100
91 208.3 160.7 241.1





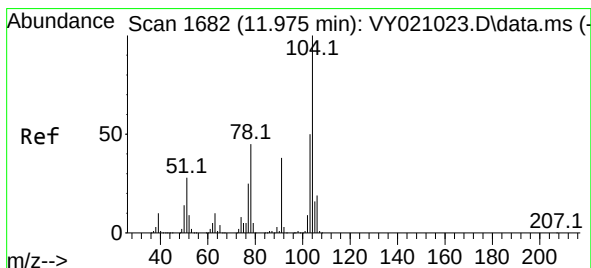
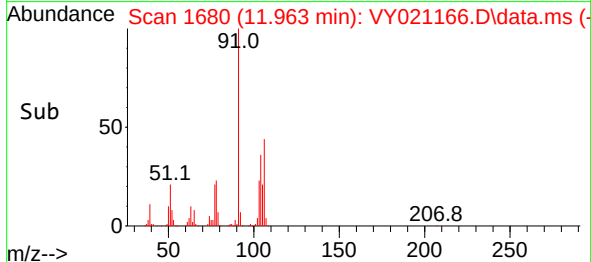
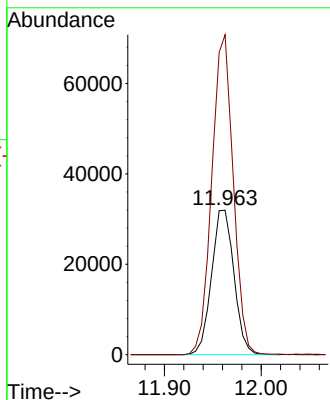
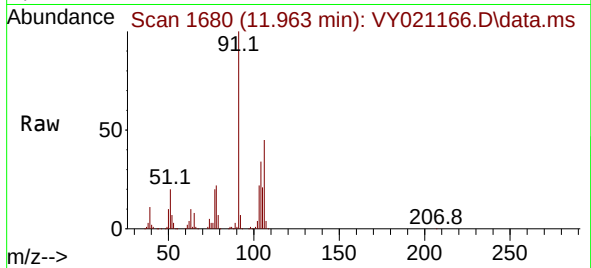
#69
o-Xylene
Concen: 20.026 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion:106 Resp: 5154
Ion Ratio Lower Upper
106 100
91 211.7 106.5 319.5

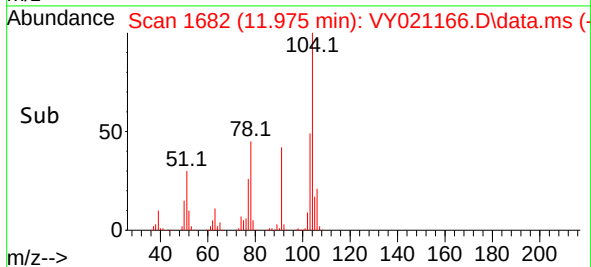
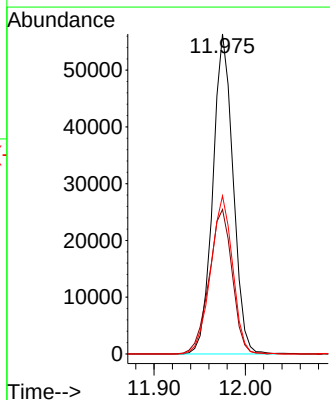
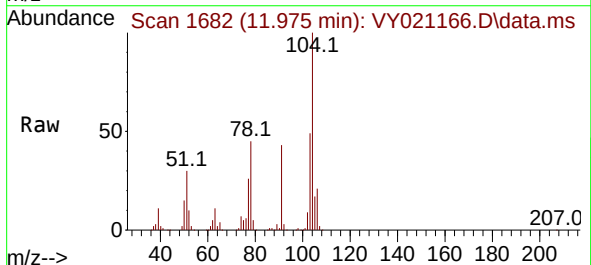
Manual Integrations
APPROVED

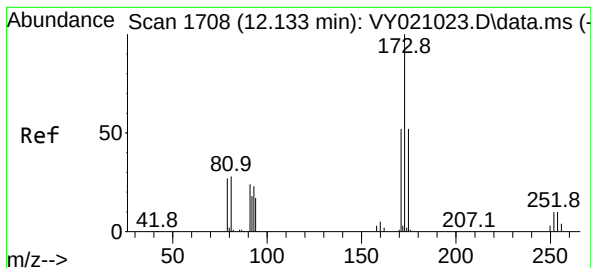
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
Styrene
Concen: 20.269 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Tgt Ion:104 Resp: 86949
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 53.3 43.8 65.6





#71

Bromoform

Concen: 20.209 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

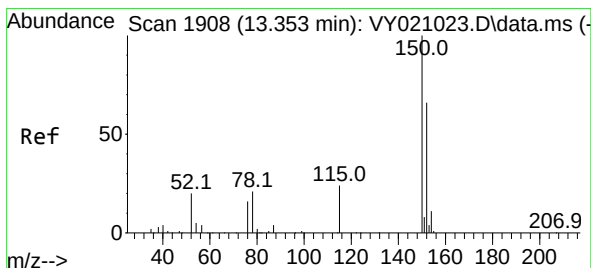
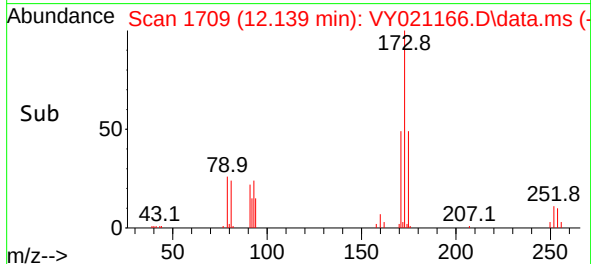
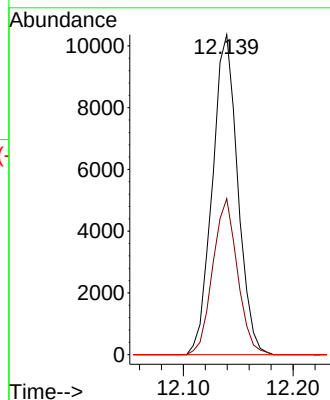
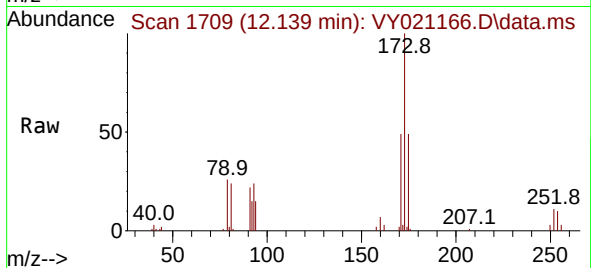
VY0211SBS01

Tgt Ion:173	Resp:	16678
Ion Ratio	Lower	Upper
173	100	
175	47.5	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

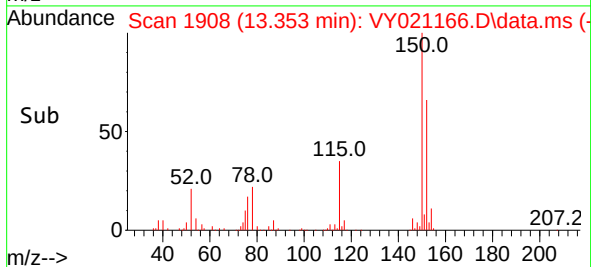
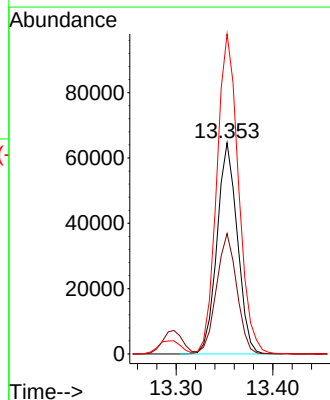
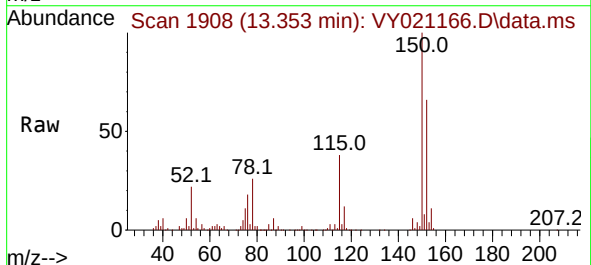
RT: 13.353 min Scan# 1908

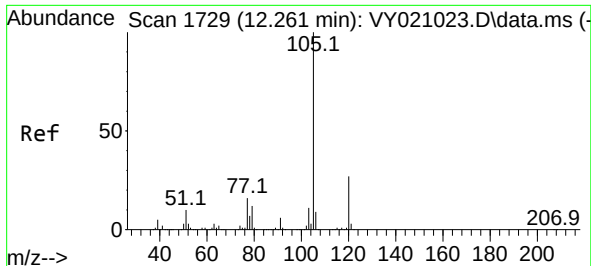
Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Tgt Ion:152	Resp:	94302
Ion Ratio	Lower	Upper
152	100	
115	57.0	30.0 90.0
150	161.9	0.0 344.6





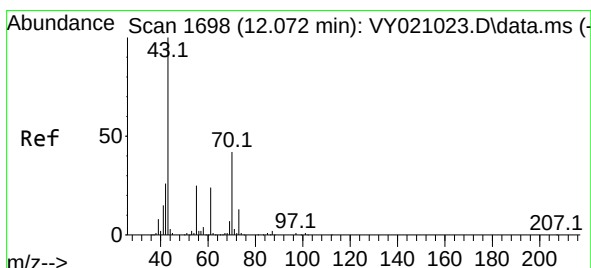
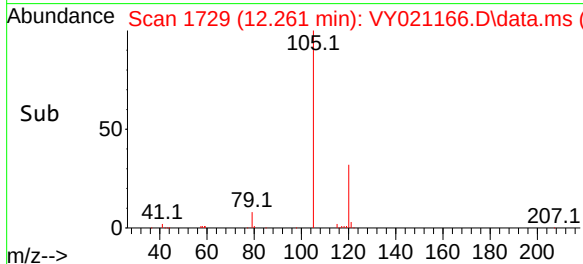
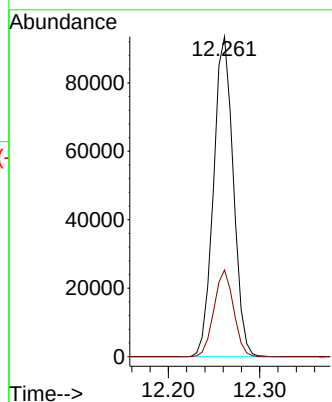
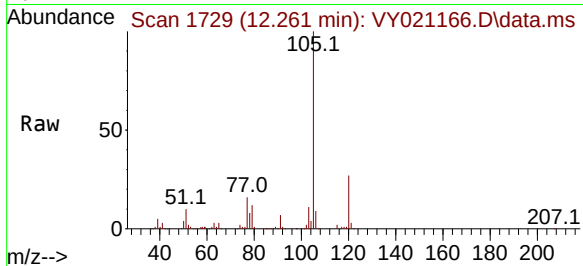
#73
Isopropylbenzene
Concen: 19.076 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 105 Resp: 14052
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

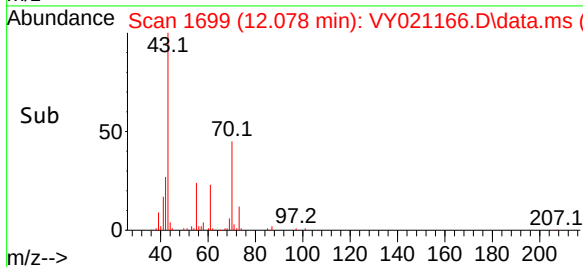
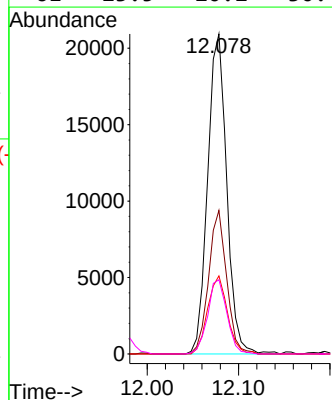
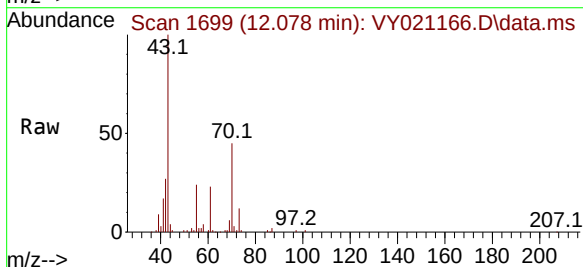
Manual Integrations
APPROVED

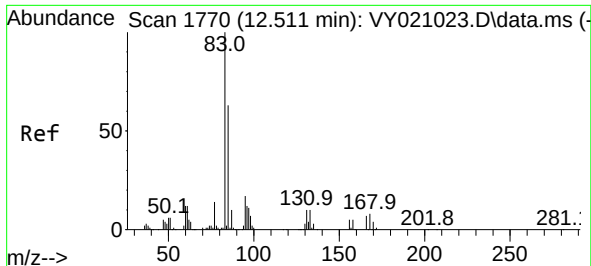
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
N-ethyl acetate
Concen: 18.807 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

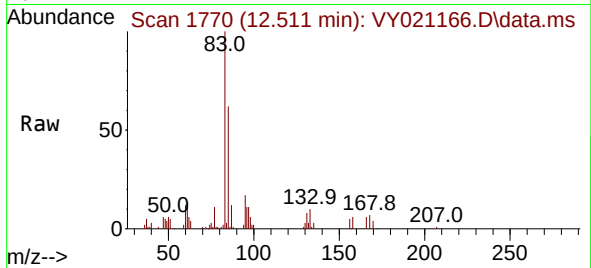
Tgt Ion: 43 Resp: 30288
Ion Ratio Lower Upper
43 100
70 42.5 36.6 55.0
55 25.3 22.2 33.4
61 23.5 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.960 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

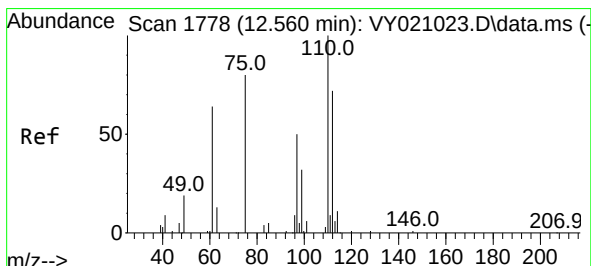
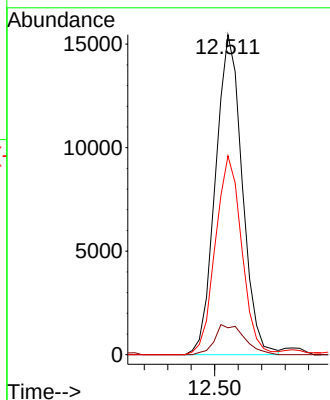
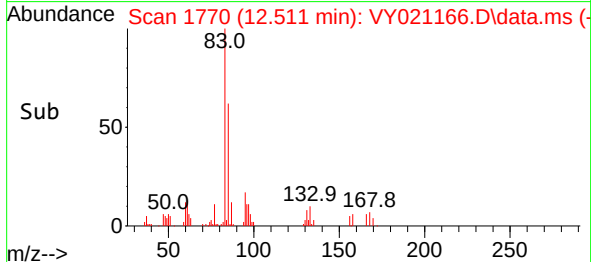
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



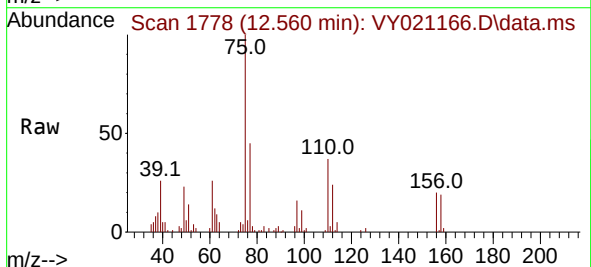
Tgt Ion: 83 Resp: 2445
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 61.3 32.6 98.0

Manual Integrations
APPROVED

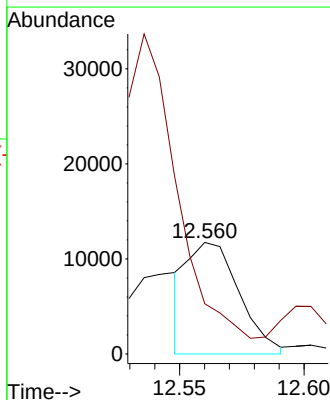
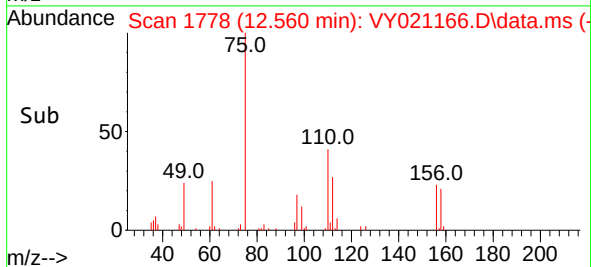
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

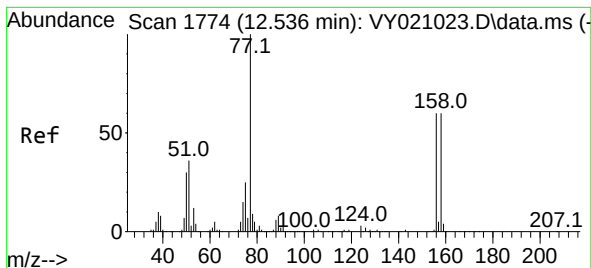


#76
1,2,3-Trichloropropane
Concen: 20.006 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion: 75 Resp: 17114
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.563 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

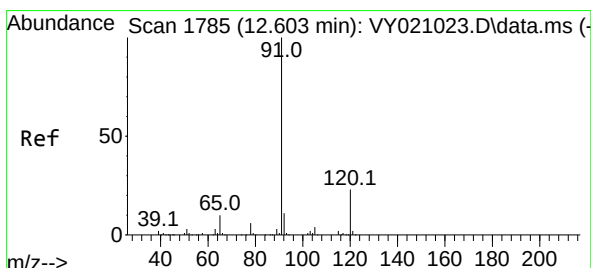
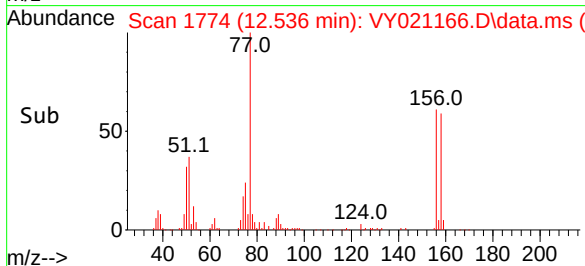
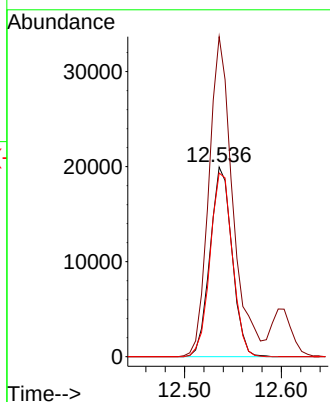
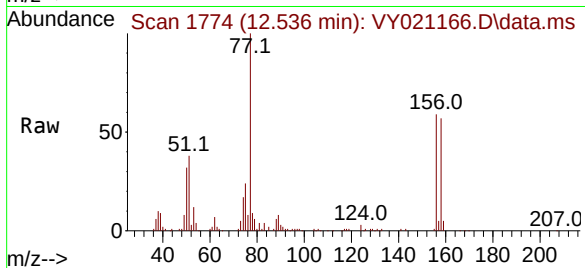
VY0211SBS01

Tgt Ion:	156	Resp:	3155
Ion Ratio	Lower	Upper	
156	100		
77	182.6	97.3	291.8
158	98.2	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#78

n-propylbenzene

Concen: 19.833 ug/l

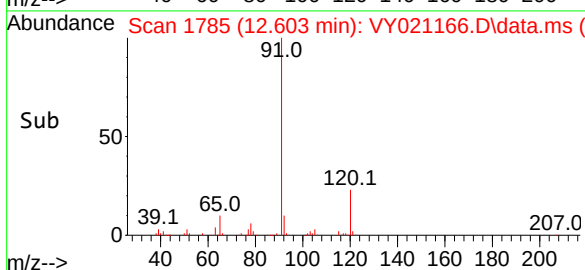
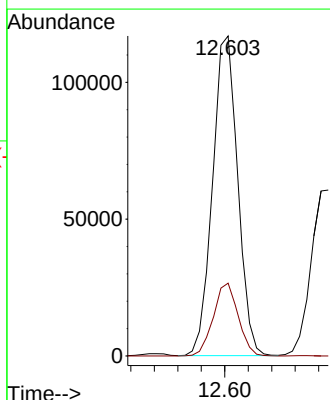
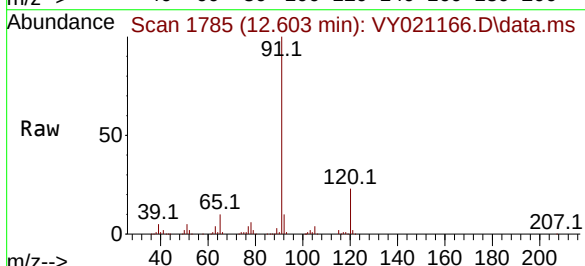
RT: 12.603 min Scan# 1785

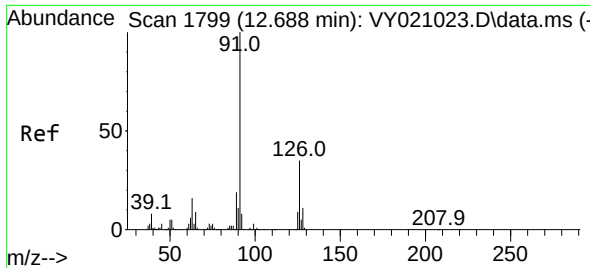
Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Tgt Ion:	91	Resp:	174037
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.0	33.0





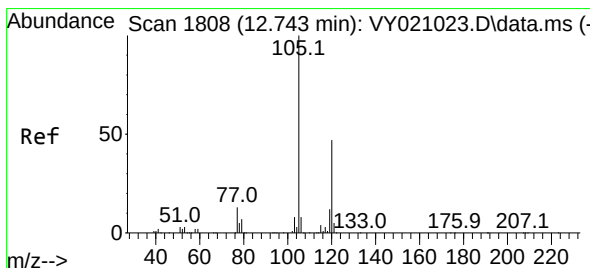
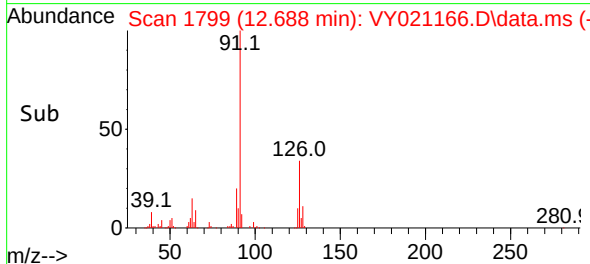
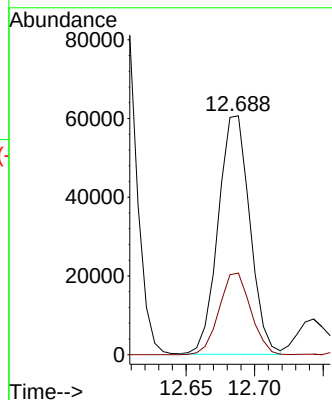
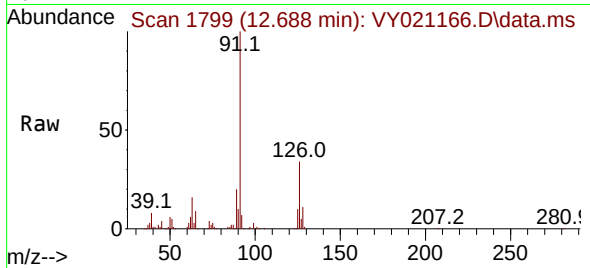
#79
2-Chlorotoluene
Concen: 19.414 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tgt Ion: 91 Resp: 9757
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

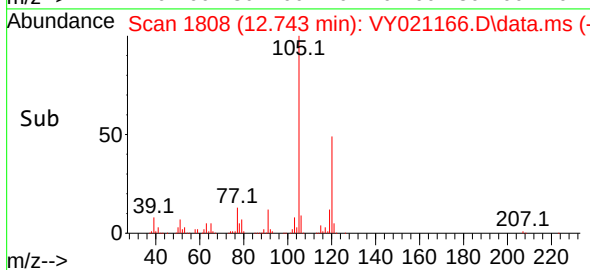
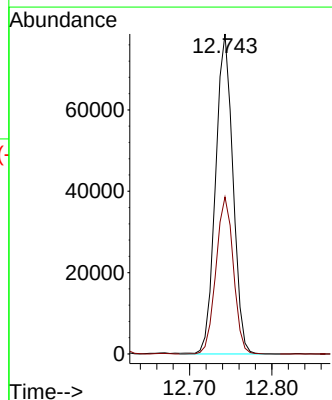
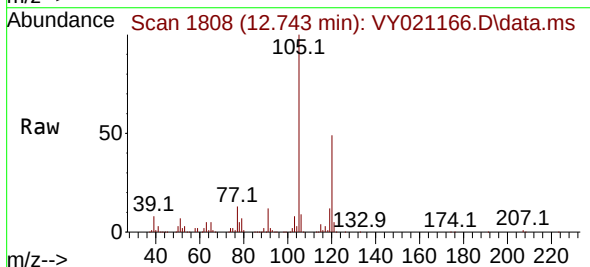
Manual Integrations
APPROVED

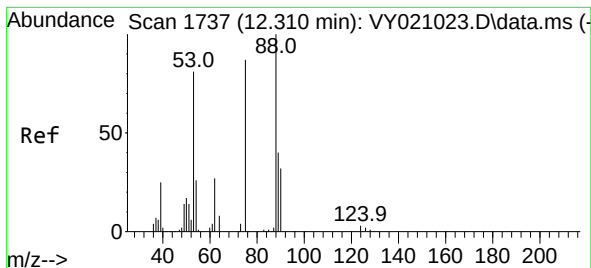
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.340 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

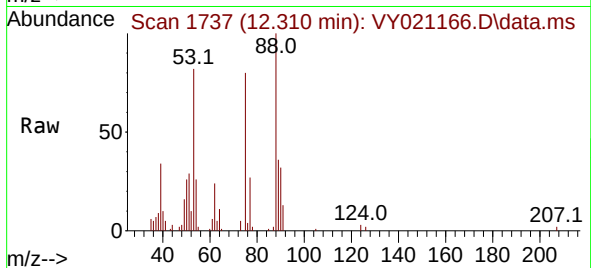
Tgt Ion:105 Resp: 115506
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.440 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

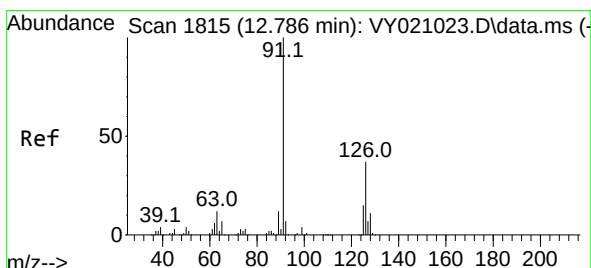
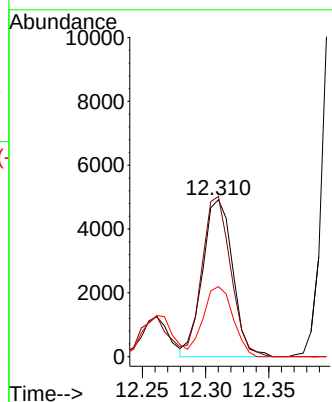
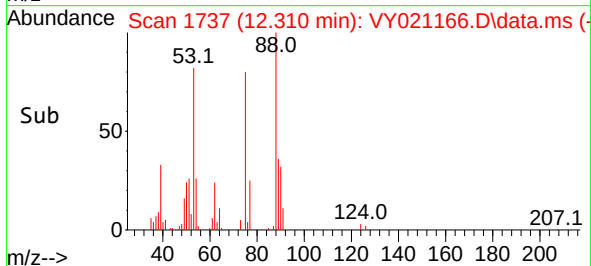
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



Tgt Ion: 75 Resp: 8150
Ion Ratio Lower Upper
75 100
53 97.2 74.0 111.0
89 44.0 36.5 54.7

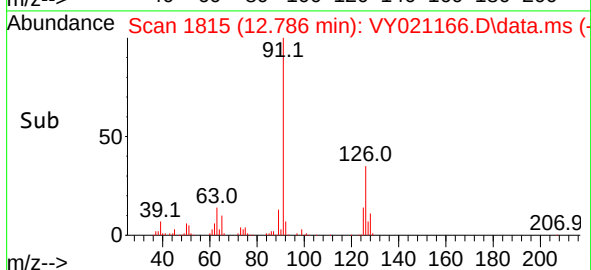
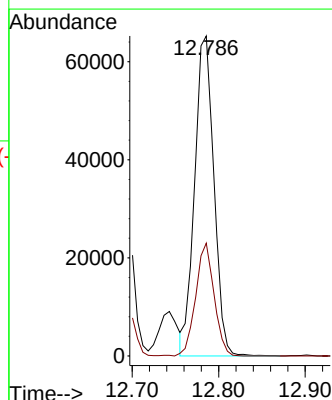
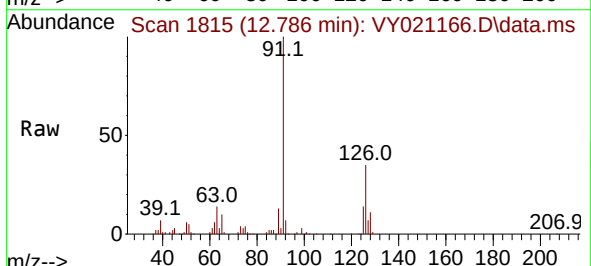
Manual Integrations
APPROVED

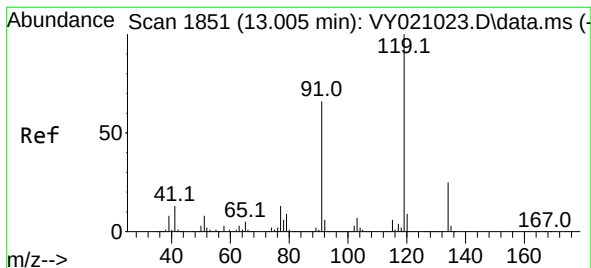
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
4-Chlorotoluene
Concen: 19.689 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

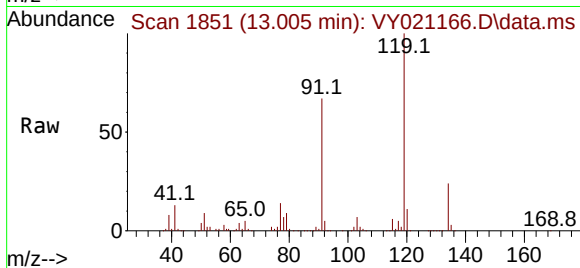
Tgt Ion: 91 Resp: 100817
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83
tert-Butylbenzene
Concen: 19.893 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

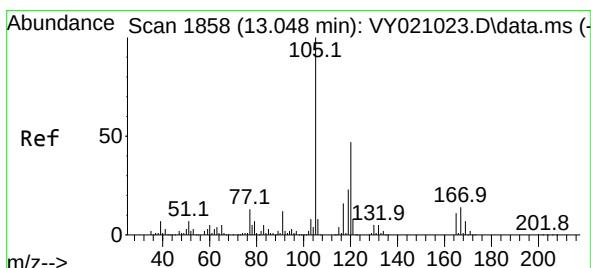
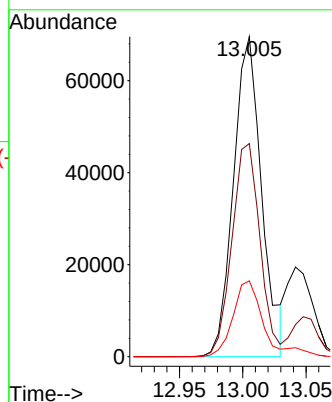
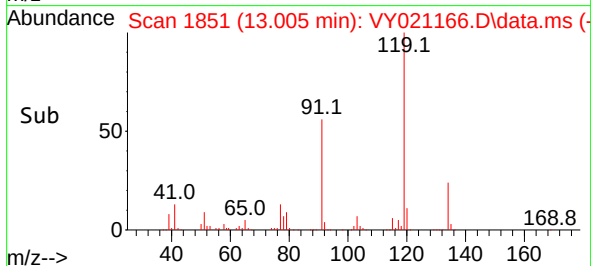
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



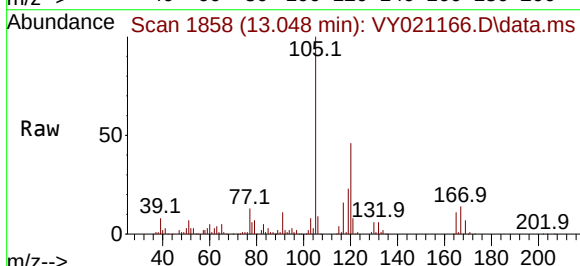
Tgt Ion:119 Resp: 107992
Ion Ratio Lower Upper
119 100
91 66.4 31.5 94.5
134 25.8 13.1 39.3

Manual Integrations
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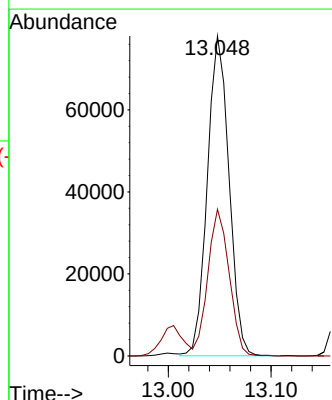
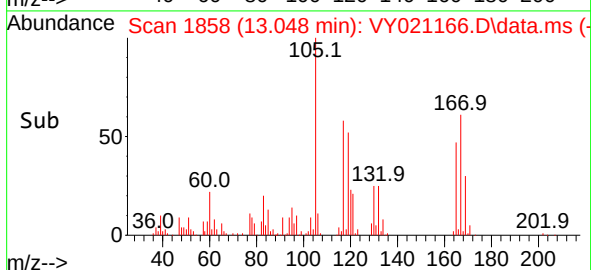
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

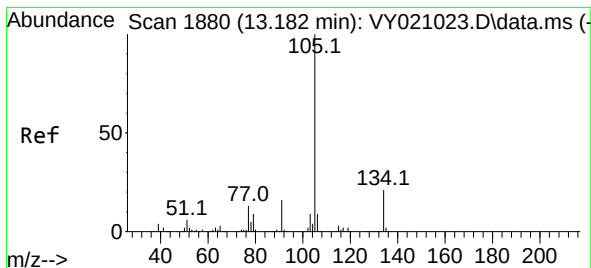


#84
1,2,4-Trimethylbenzene
Concen: 19.558 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion:105 Resp: 114212
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3





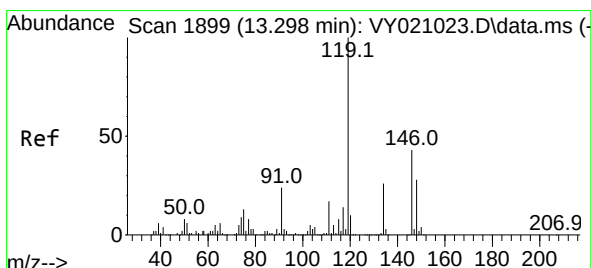
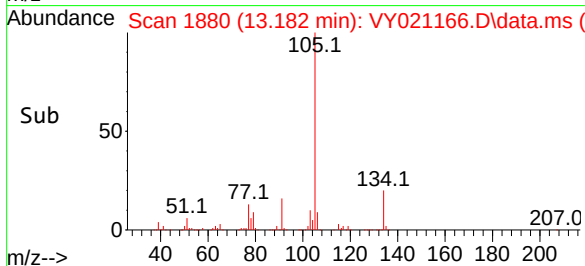
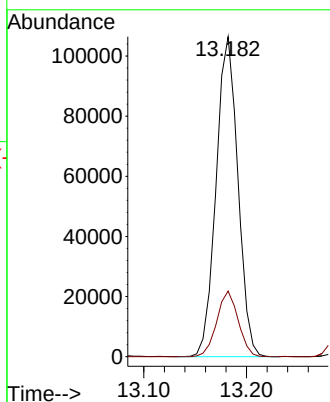
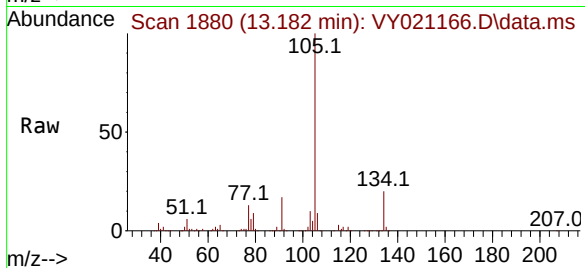
#85
 sec-Butylbenzene
 Concen: 20.004 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021166.D
 Acq: 11 Feb 2025 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Tgt Ion:105 Resp: 156315
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9

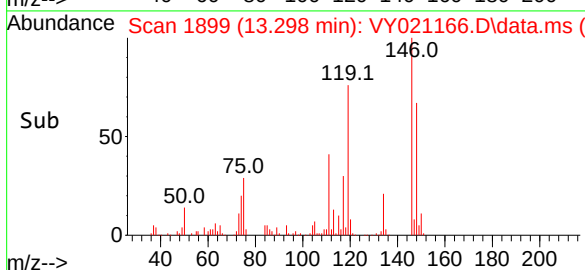
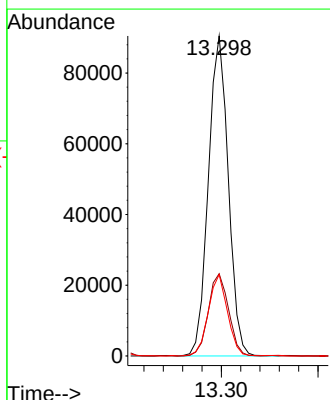
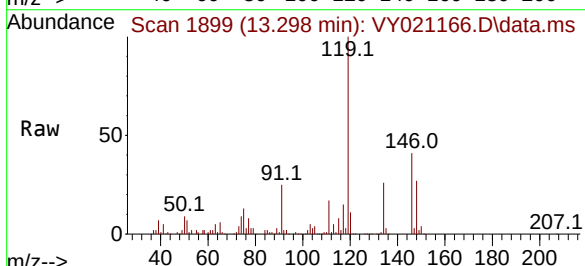
Manual Integrations
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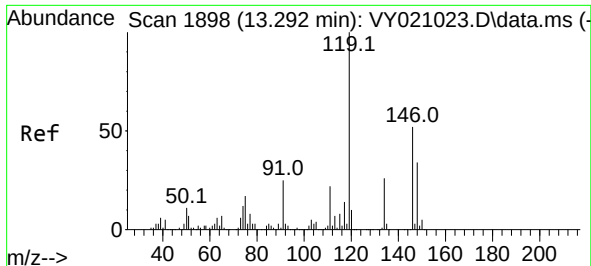
Reviewed By :Romaben Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#86
 p-Isopropyltoluene
 Concen: 19.904 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021166.D
 Acq: 11 Feb 2025 11:25

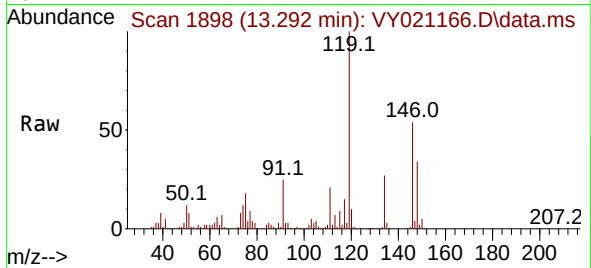
Tgt Ion:119 Resp: 129201
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.5 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 19.122 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

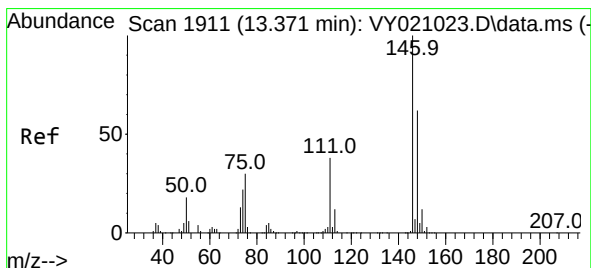
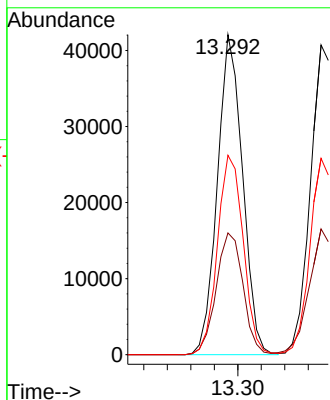
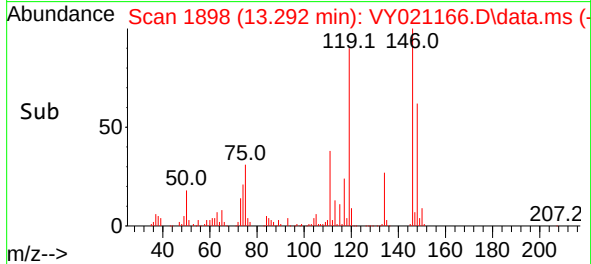
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



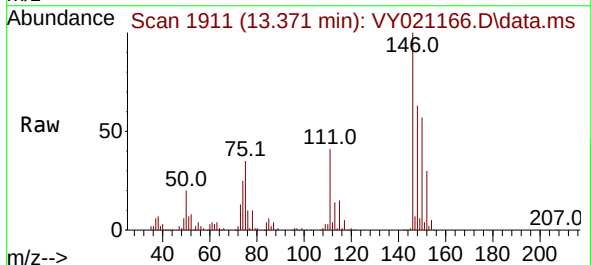
Tgt Ion:146 Resp: 62764
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.5
148 63.8 31.9 95.9

Manual Integrations
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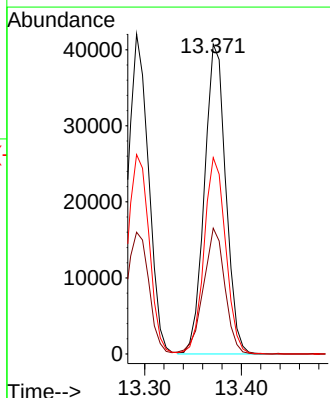
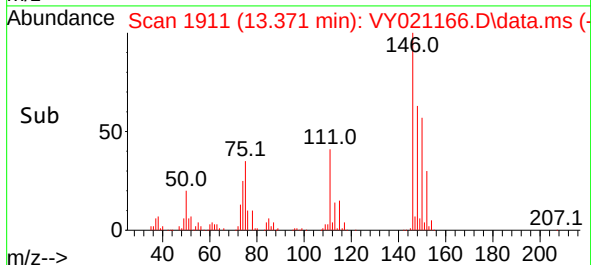
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

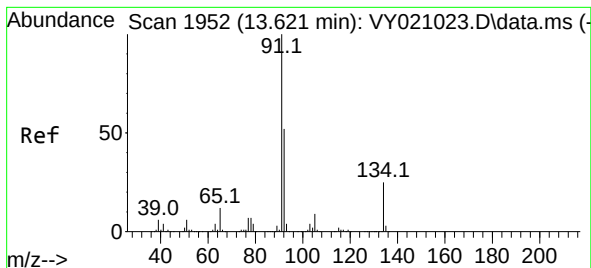


#88
1,4-Dichlorobenzene
Concen: 19.322 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion:146 Resp: 62444
Ion Ratio Lower Upper
146 100
111 40.9 19.3 57.9
148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 20.200 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

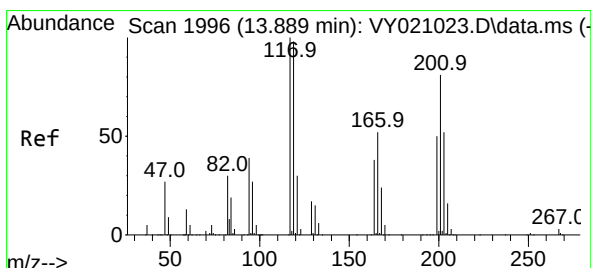
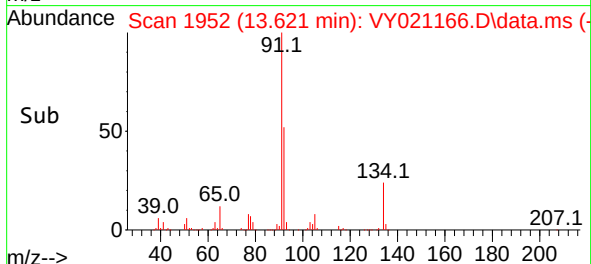
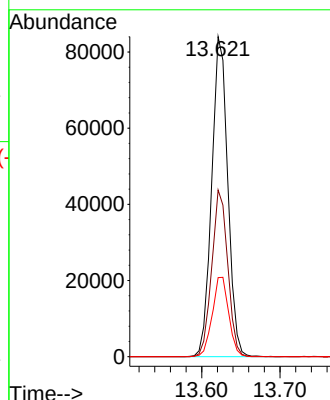
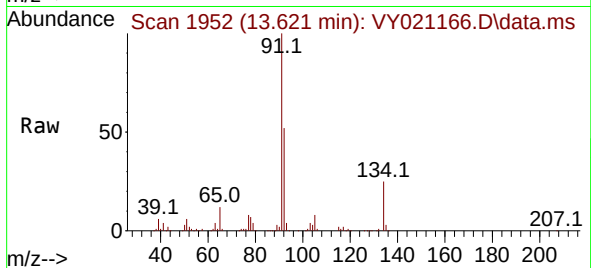
VY0211SBS01

Tgt Ion:	91	Resp:	11962
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.4	79.2
134	25.5	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#90

Hexachloroethane

Concen: 19.464 ug/l

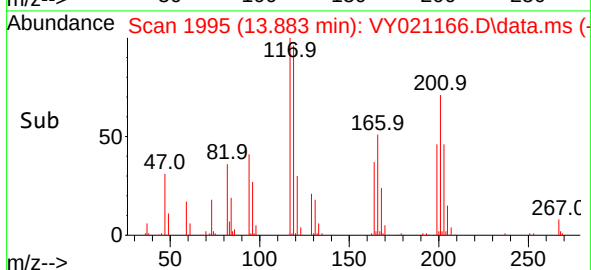
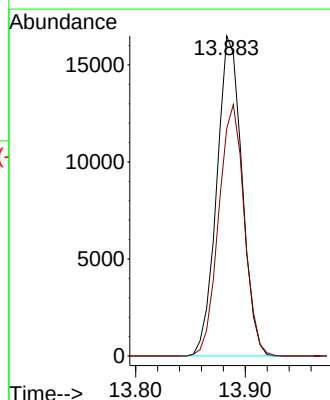
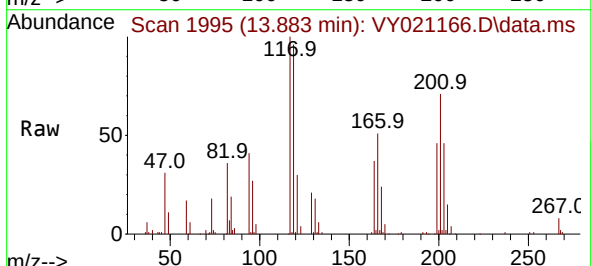
RT: 13.883 min Scan# 1995

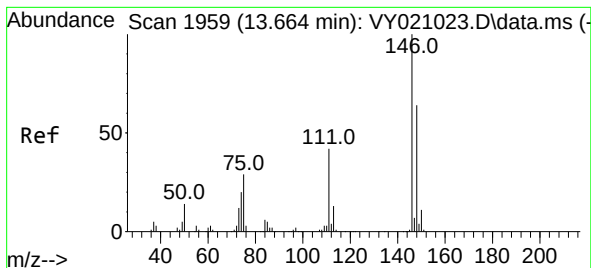
Delta R.T. -0.006 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Tgt Ion:	117	Resp:	26358
Ion Ratio	Lower	Upper	
117	100		
201	79.5	33.4	100.1





#91

1,2-Dichlorobenzene

Concen: 19.410 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

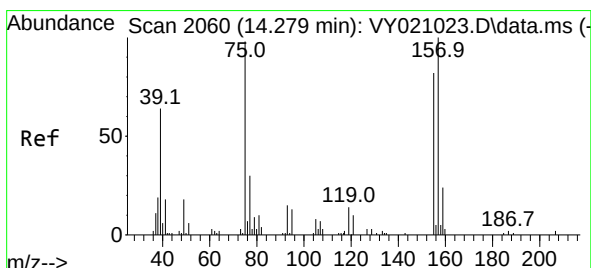
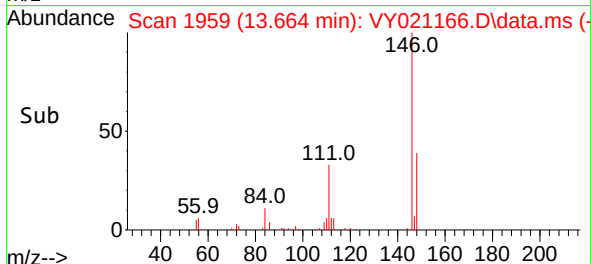
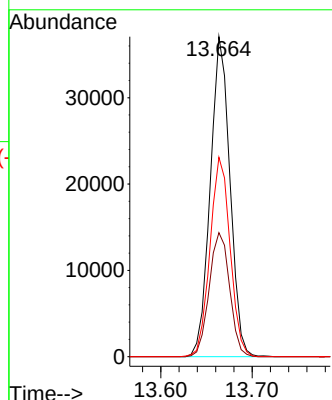
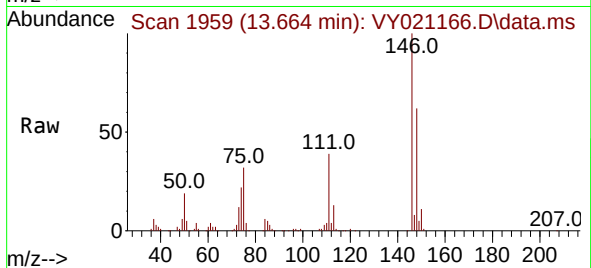
VY0211SBS01

Tgt Ion:	146	Resp:	55290
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.6
148	63.8	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.822 ug/l

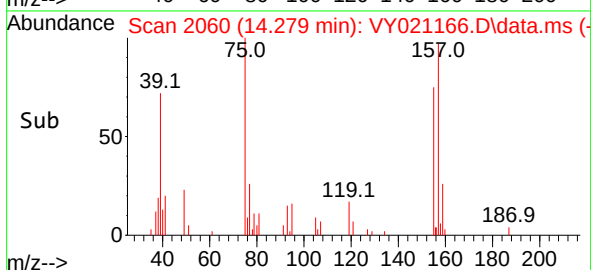
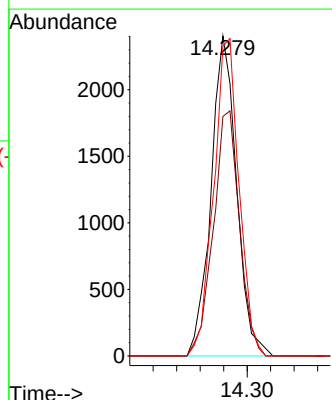
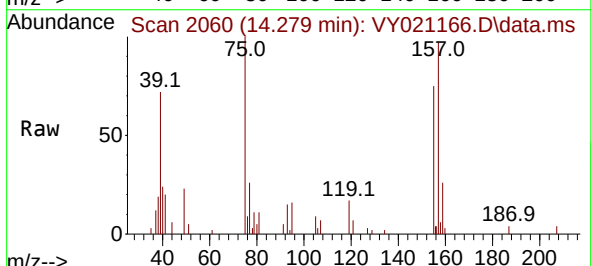
RT: 14.279 min Scan# 2060

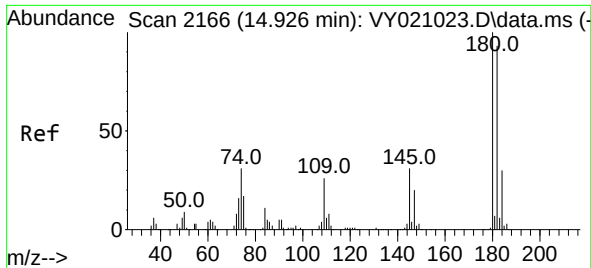
Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

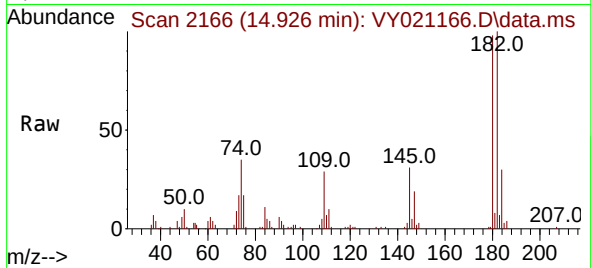
Tgt Ion:	75	Resp:	3629
Ion	Ratio	Lower	Upper
75	100		
155	78.5	42.1	126.3
157	98.8	55.8	167.4





#93
1,2,4-Trichlorobenzene
Concen: 18.289 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25

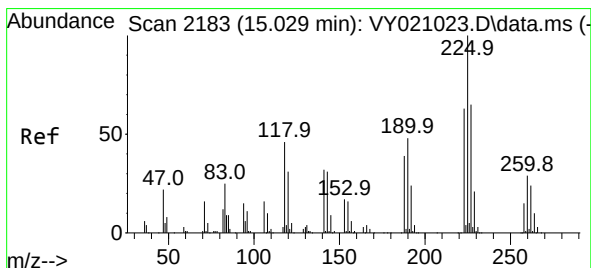
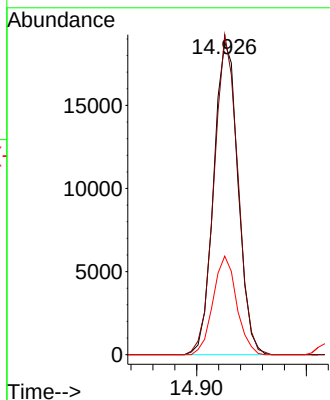
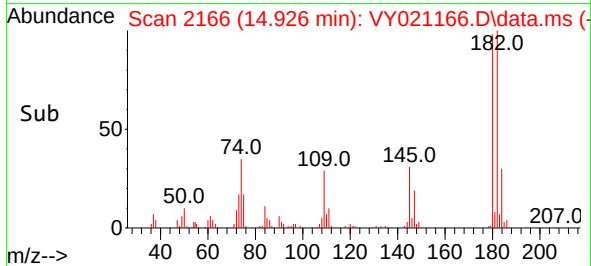
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01



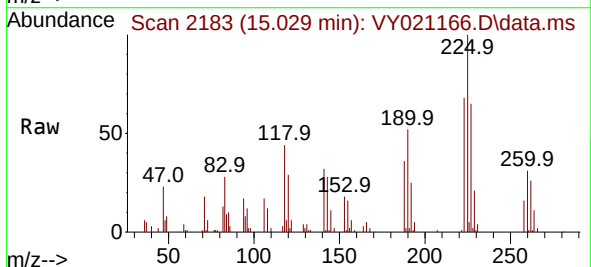
Tgt Ion:180 Resp: 2900
Ion Ratio Lower Upper
180 100
182 99.6 47.9 143.7
145 30.5 15.9 47.7

Manual Integrations
APPROVED

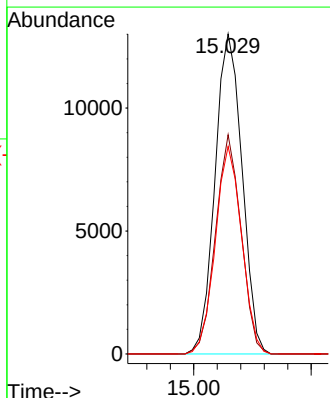
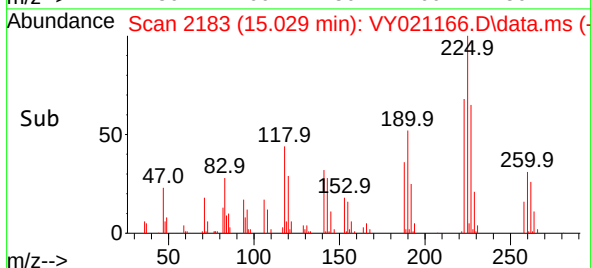
Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

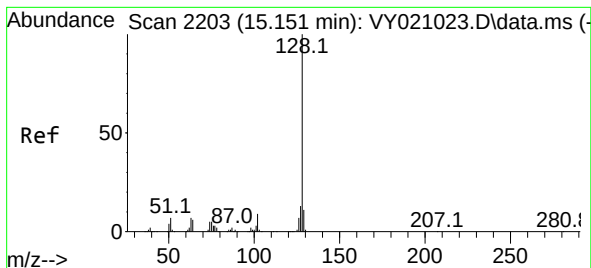


#94
Hexachlorobutadiene
Concen: 19.823 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY021166.D
Acq: 11 Feb 2025 11:25



Tgt Ion:225 Resp: 20831
Ion Ratio Lower Upper
225 100
223 64.5 31.4 94.3
227 63.0 32.3 96.8





#95

Naphthalene

Concen: 18.180 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

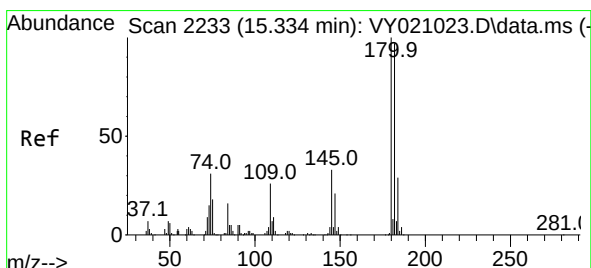
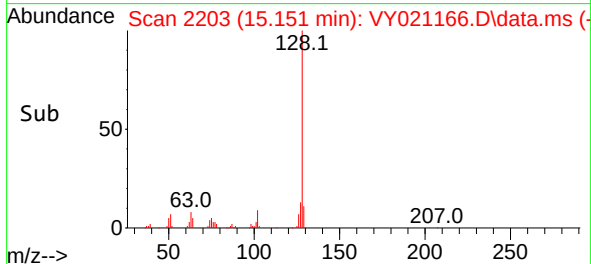
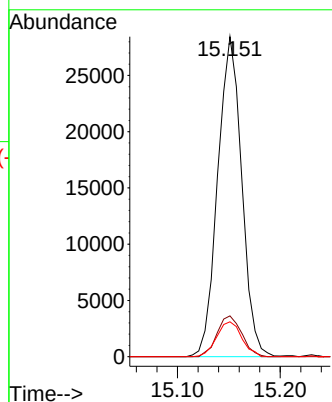
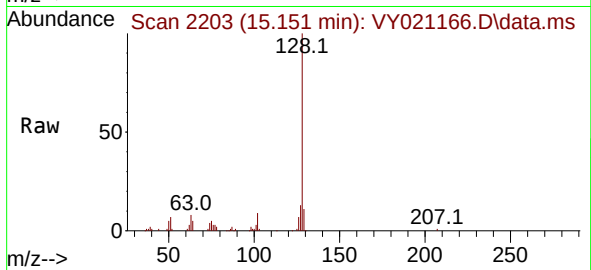
VY0211SBS01

Tgt Ion:	128	Resp:	4612
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.5	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.515 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021166.D

Acq: 11 Feb 2025 11:25

Tgt Ion:	180	Resp:	24434
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.3	138.8
145	32.8	16.1	48.2

