

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023139.D
 Acq On : 19 Aug 2025 10:19
 Operator : SY/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 20 01:24:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	517532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	816918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	707204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	352720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	233623	47.365	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.720%		
35) Dibromofluoromethane	7.634	113	237406	48.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.140%		
50) Toluene-d8	10.109	98	947313	49.608	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.401	95	298119	48.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	87281	20.661	ug/l	100
3) Chloromethane	2.074	50	138015	20.171	ug/l	100
4) Vinyl Chloride	2.208	62	173827	20.552	ug/l	99
5) Bromomethane	2.592	94	146241	23.152	ug/l	98
6) Chloroethane	2.738	64	116717	20.757	ug/l	99
7) Trichlorofluoromethane	3.055	101	205259	19.958	ug/l	98
8) Diethyl Ether	3.458	74	54043	19.862	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	109139	21.510	ug/l	99
10) Methyl Iodide	4.006	142	105447	19.260	ug/l	99
11) Tert butyl alcohol	4.860	59	29364	86.885	ug/l	100
12) 1,1-Dichloroethene	3.793	96	103754	20.804	ug/l	91
13) Acrolein	3.653	56	35491	71.706	ug/l	96
14) Allyl chloride	4.384	41	138299	18.846	ug/l	96
15) Acrylonitrile	5.055	53	104521	94.488	ug/l	98
16) Acetone	3.872	43	120414	112.685	ug/l	98
17) Carbon Disulfide	4.104	76	323680	19.905	ug/l	99
18) Methyl Acetate	4.384	43	55412	17.426	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	254848	19.720	ug/l	97
20) Methylene Chloride	4.616	84	114203	18.875	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	117658	20.993	ug/l	96
22) Diisopropyl ether	6.018	45	314582	19.728	ug/l	95
23) Vinyl Acetate	5.963	43	837107	94.938	ug/l	97
24) 1,1-Dichloroethane	5.921	63	194782	19.979	ug/l	100
25) 2-Butanone	6.890	43	146563	100.847	ug/l	99
26) 2,2-Dichloropropane	6.890	77	179625	21.352	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	133354	20.582	ug/l	97
28) Bromochloromethane	7.244	49	75324	19.474	ug/l	96
29) Tetrahydrofuran	7.262	42	81427	90.389	ug/l	98
30) Chloroform	7.426	83	208029	20.690	ug/l	100
31) Cyclohexane	7.701	56	180441	19.640	ug/l	94
32) 1,1,1-Trichloroethane	7.615	97	185862	20.833	ug/l	99
36) 1,1-Dichloropropene	7.835	75	149696	20.606	ug/l	99
37) Ethyl Acetate	6.981	43	56943	18.660	ug/l	98
38) Carbon Tetrachloride	7.817	117	169089	21.430	ug/l	99
39) Methylcyclohexane	9.109	83	199011	20.803	ug/l	99
40) Benzene	8.079	78	471421	21.055	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32549m	18.482	ug/l	
42) 1,2-Dichloroethane	8.158	62	117552	20.187	ug/l	100
43) Isopropyl Acetate	8.195	43	113681	18.431	ug/l	99
44) Trichloroethene	8.865	130	122590	21.187	ug/l	98
45) 1,2-Dichloropropane	9.140	63	105641	20.506	ug/l	99
46) Dibromomethane	9.231	93	62014	20.972	ug/l	97
47) Bromodichloromethane	9.420	83	157692	20.725	ug/l	98
48) Methyl methacrylate	9.219	41	54599	18.499	ug/l	93
49) 1,4-Dioxane	9.231	88	13295	383.459	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	298177	93.721	ug/l	99
52) Toluene	10.170	92	299030	21.028	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	138793	20.144	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	166637	20.453	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	80520	20.350	ug/l	95
56) Ethyl methacrylate	10.438	69	94888	18.741	ug/l	99
57) 1,3-Dichloropropane	10.718	76	138195	20.594	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	226098	94.672	ug/l	98
59) 2-Hexanone	10.761	43	214547	99.034	ug/l	100
60) Dibromochloromethane	10.907	129	107311	20.554	ug/l	100
61) 1,2-Dibromoethane	11.017	107	75418	20.280	ug/l	100
64) Tetrachloroethene	10.645	164	129655	20.532	ug/l	99
65) Chlorobenzene	11.438	112	325629	21.346	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	109752	21.199	ug/l	98
67) Ethyl Benzene	11.517	91	545176	20.767	ug/l	98
68) m/p-Xylenes	11.627	106	430120	41.951	ug/l	100
69) o-Xylene	11.956	106	201847	21.020	ug/l	100
70) Styrene	11.968	104	330216	21.028	ug/l	99
71) Bromoform	12.127	173	62105	20.525	ug/l #	99
73) Isopropylbenzene	12.255	105	527385	21.185	ug/l	99
74) N-amyl acetate	12.066	43	98366	18.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	87962	20.694	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61598m	18.095	ug/l	
77) Bromobenzene	12.529	156	122298	20.592	ug/l	99
78) n-propylbenzene	12.596	91	629976	21.255	ug/l	99
79) 2-Chlorotoluene	12.675	91	356441	20.990	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	422945	21.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27897	19.838	ug/l	98
82) 4-Chlorotoluene	12.773	91	366476	20.803	ug/l	99
83) tert-Butylbenzene	12.992	119	383813	21.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	426567	21.298	ug/l	99
85) sec-Butylbenzene	13.175	105	572911	21.463	ug/l	100
86) p-Isopropyltoluene	13.291	119	473600	21.375	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	245224	20.938	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	241992	20.829	ug/l	99
89) n-Butylbenzene	13.614	91	427124	20.989	ug/l	99
90) Hexachloroethane	13.876	117	97949	21.595	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	210816	20.524	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12905	19.499	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	122439	20.157	ug/l	98
94) Hexachlorobutadiene	15.023	225	75487	21.149	ug/l	99
95) Naphthalene	15.145	128	198080	19.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	105286	20.115	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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

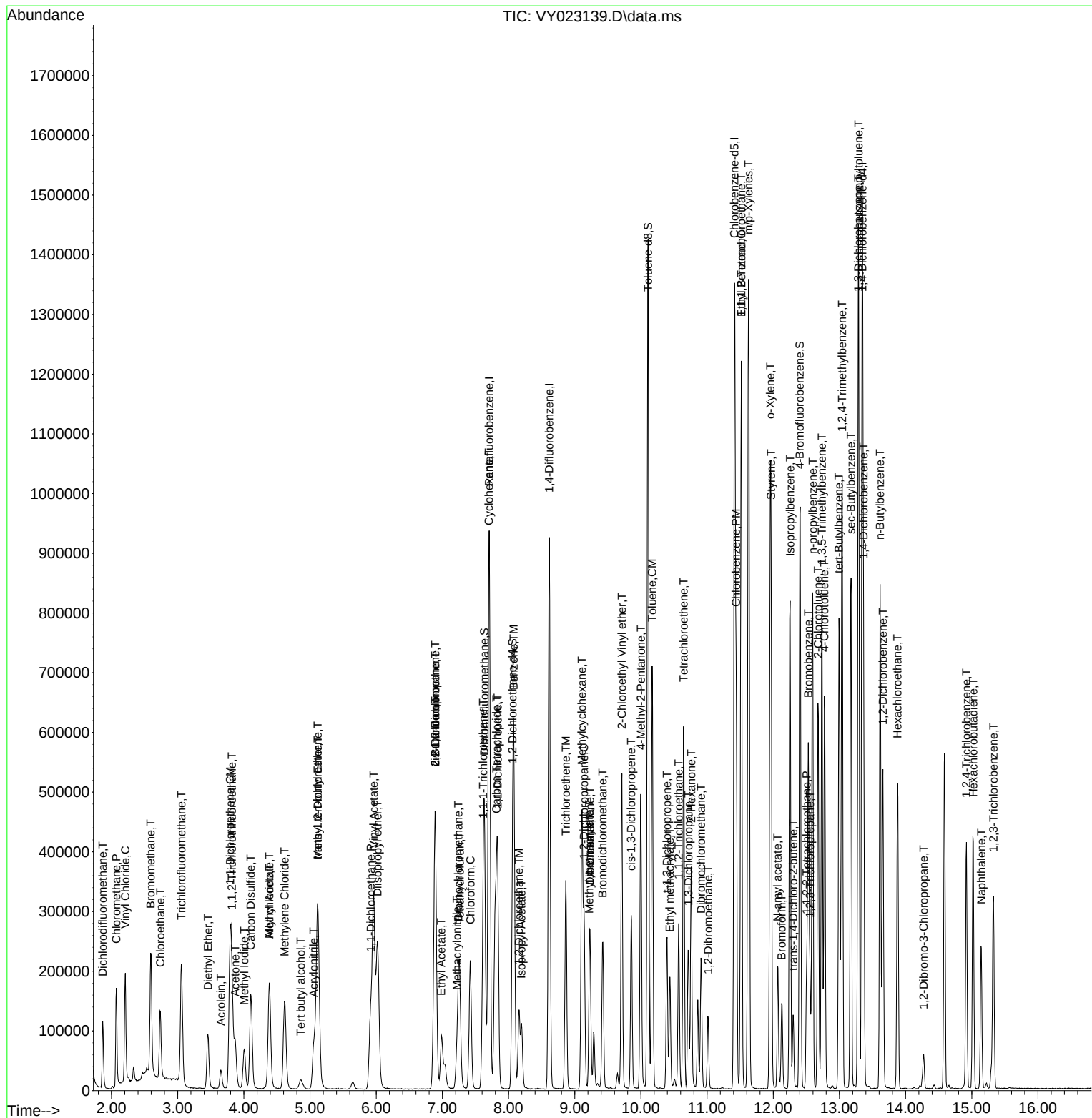
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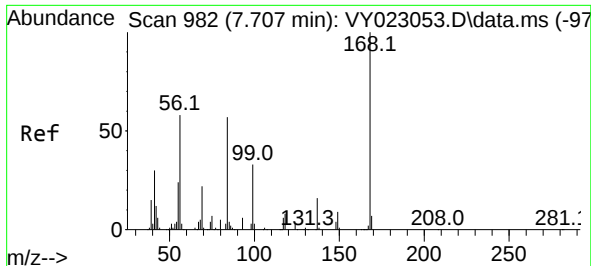
Instrument :
MSVOA_Y
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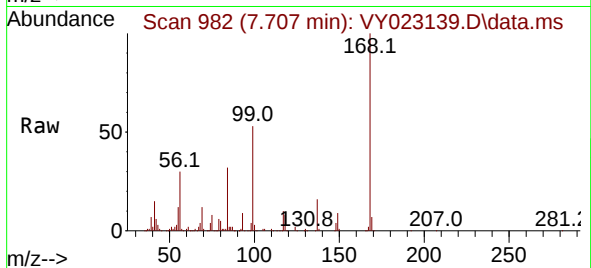
Reviewed By : John Carlone 08/20/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023139.D
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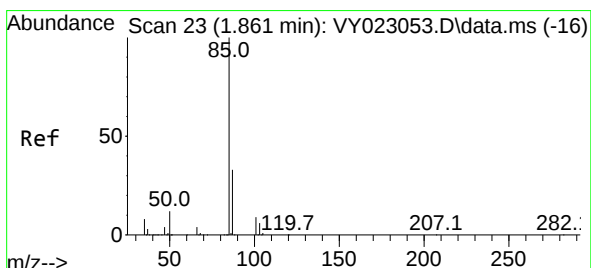
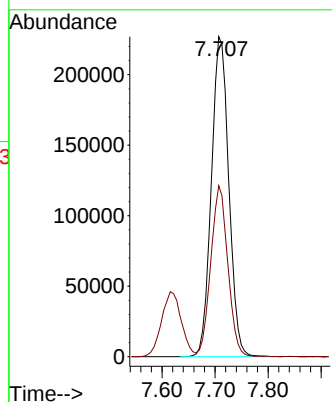
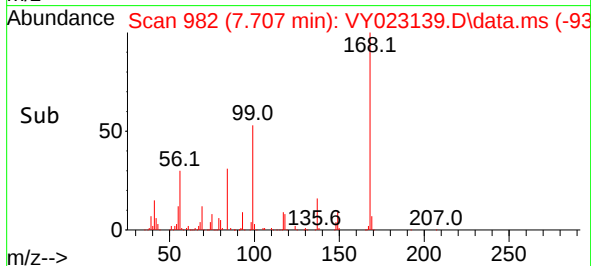
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:168 Resp: 51753
Ion Ratio Lower Upper
168 100
99 53.4 42.8 64.2

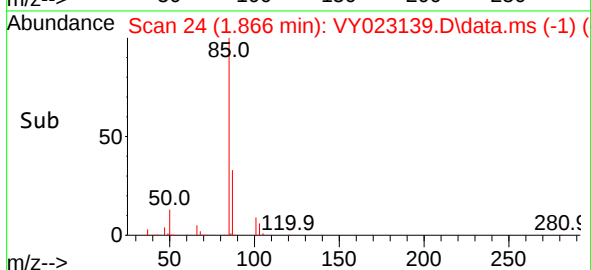
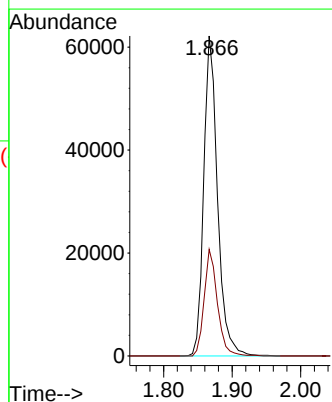
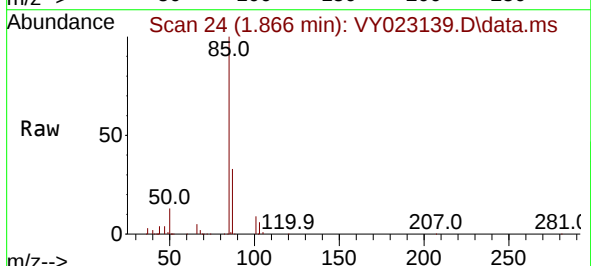
Manual Integrations
APPROVED

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#2
Dichlorodifluoromethane
Concen: 20.661 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion: 85 Resp: 87281
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8





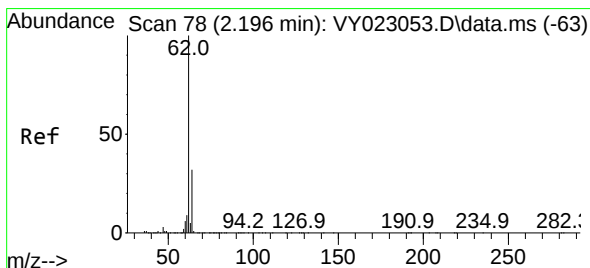
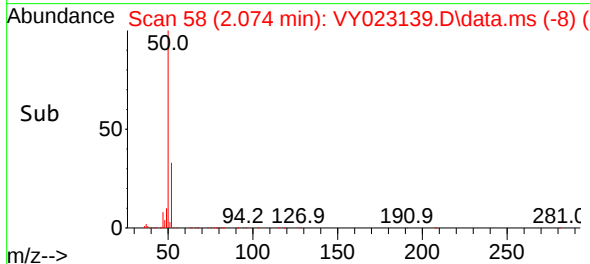
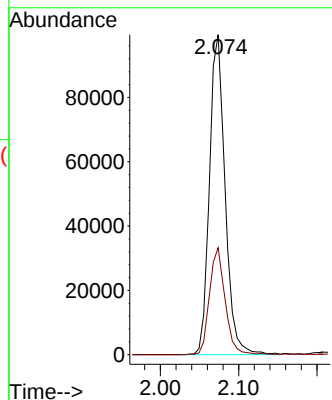
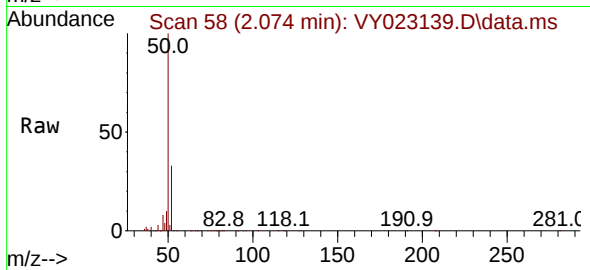
#3
Chloromethane
Concen: 20.171 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 50 Resp: 138015
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1

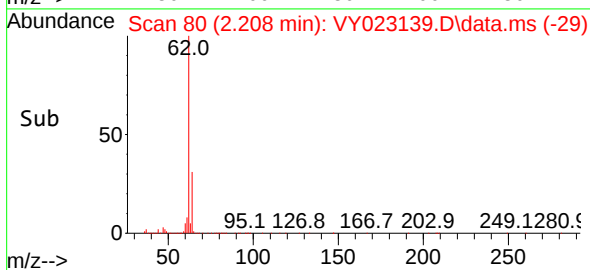
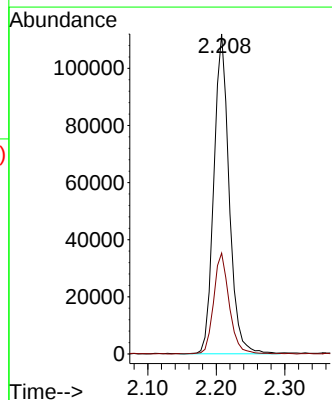
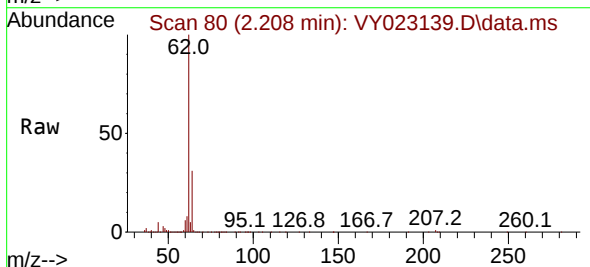
Manual Integrations
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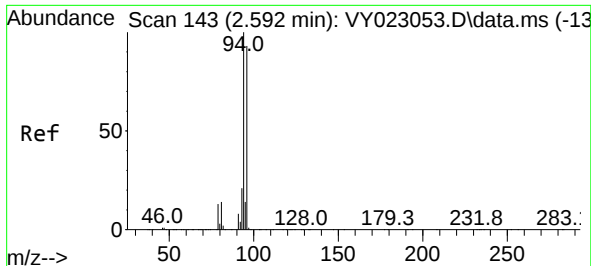
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#4
Vinyl Chloride
Concen: 20.552 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

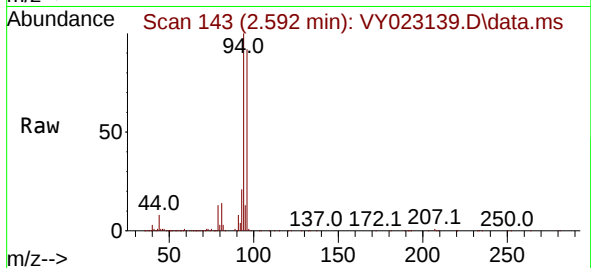
Tgt Ion: 62 Resp: 173827
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 23.152 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

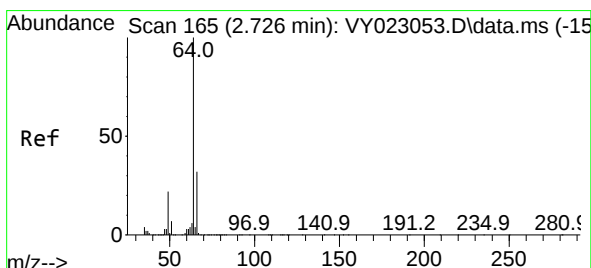
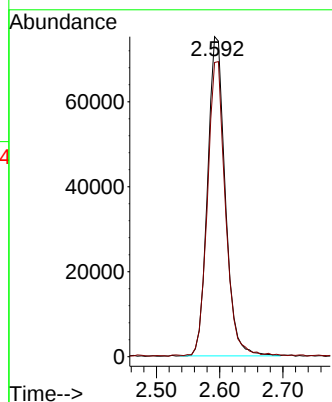
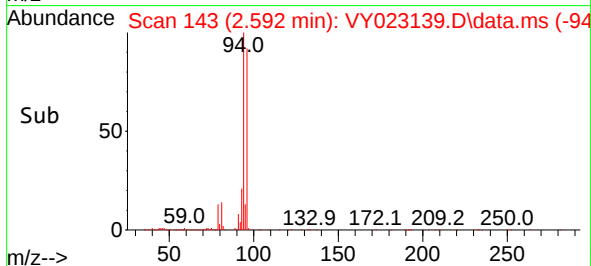
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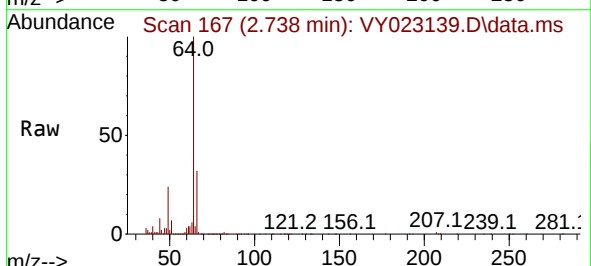
Tgt Ion: 94 Resp: 14624
Ion Ratio Lower Upper
94 100
96 91.7 74.6 112.0

Manual Integrations
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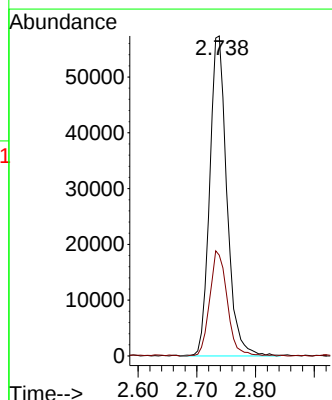
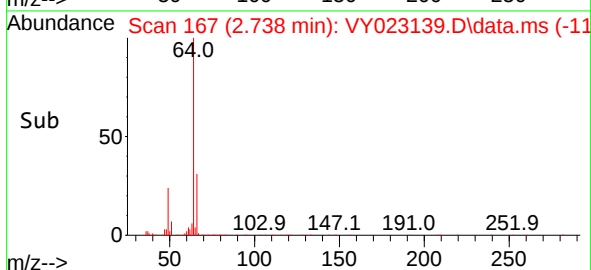
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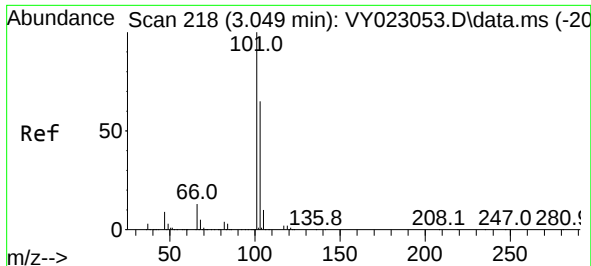


#6
Chloroethane
Concen: 20.757 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



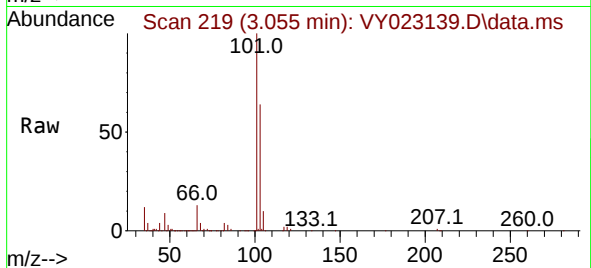
Tgt Ion: 64 Resp: 116717
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 19.958 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

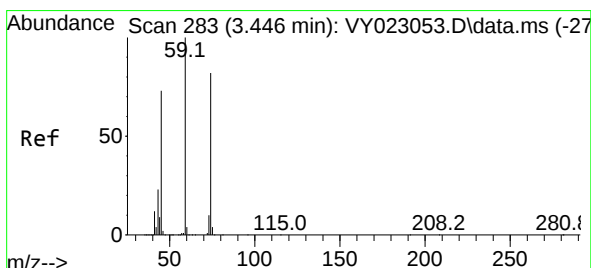
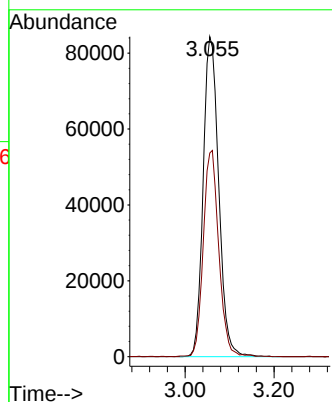
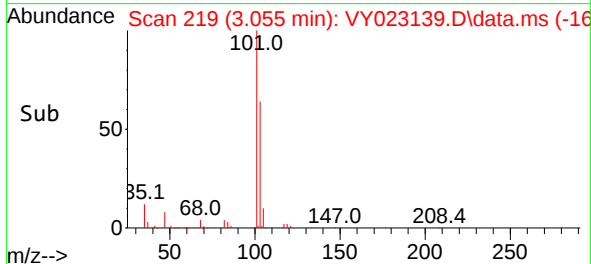
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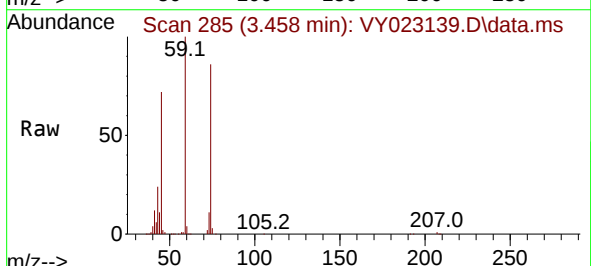
Tgt Ion:101 Resp: 205259
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9

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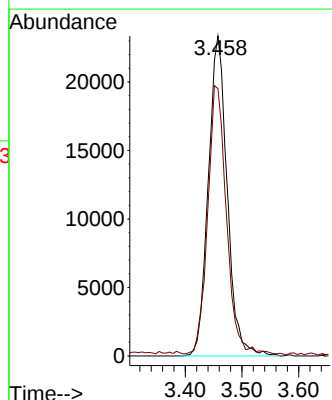
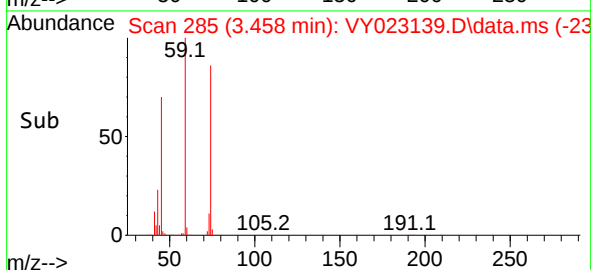
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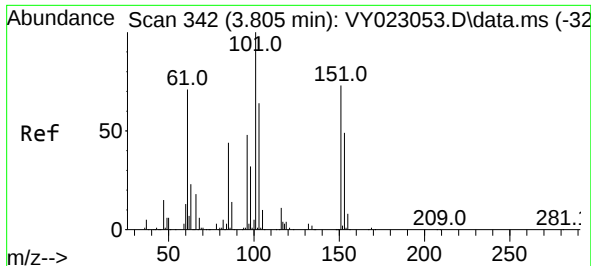


#8
Diethyl Ether
Concen: 19.862 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion: 74 Resp: 54043
Ion Ratio Lower Upper
74 100
45 83.3 44.4 133.2





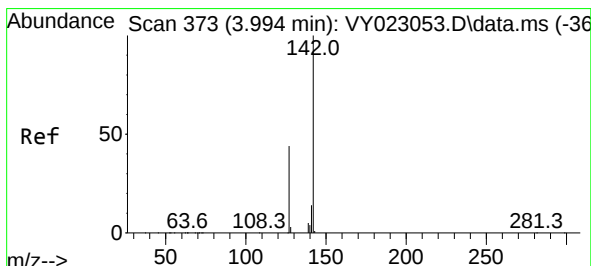
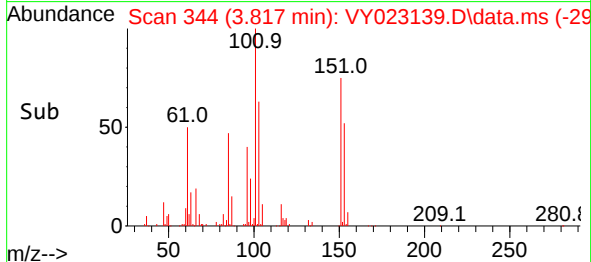
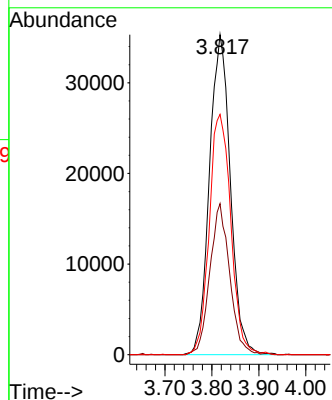
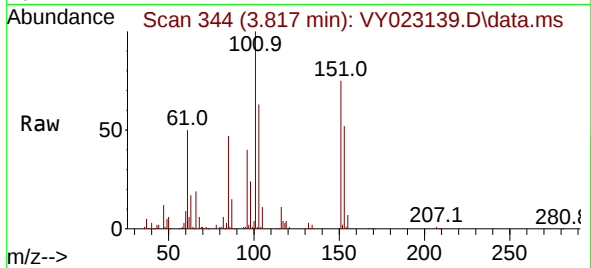
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.510 ug/l
RT: 3.817 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:101 Resp: 109139
Ion Ratio Lower Upper
101 100
85 44.6 36.3 54.5
151 77.5 61.5 92.3

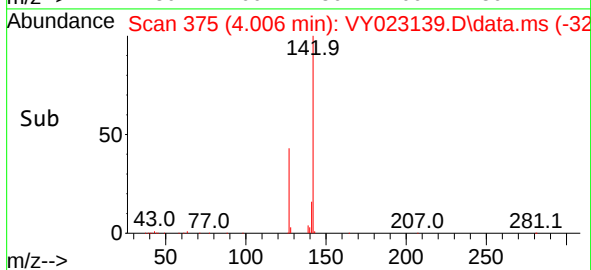
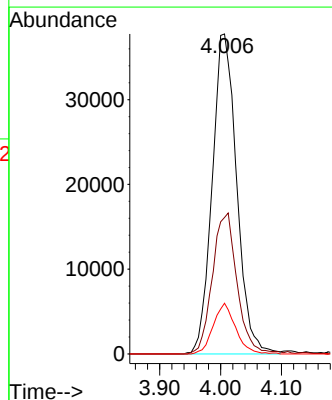
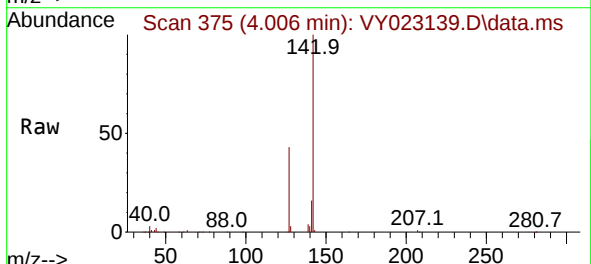
Manual Integrations
APPROVED

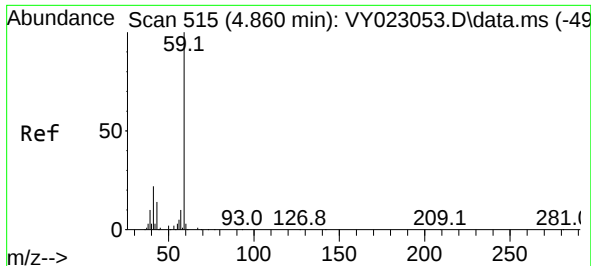
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 19.260 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion:142 Resp: 105447
Ion Ratio Lower Upper
142 100
127 44.5 34.9 52.3
141 14.5 11.3 16.9





#11

Tert butyl alcohol

Concen: 86.885 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 59 Resp: 29364

Ion Ratio Lower Upper

59 100

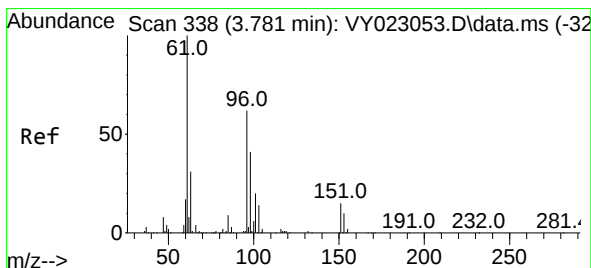
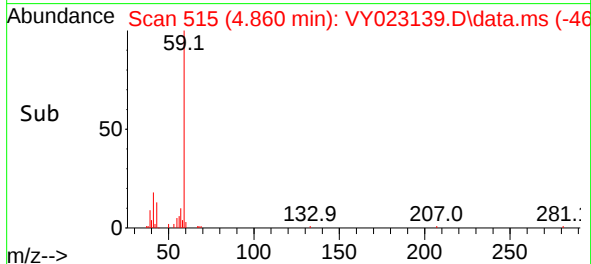
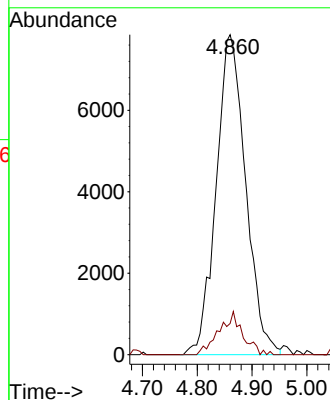
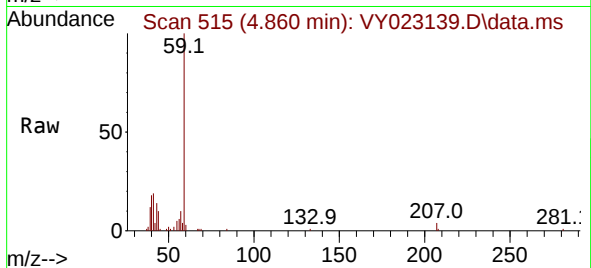
57 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#12

1,1-Dichloroethene

Concen: 20.804 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

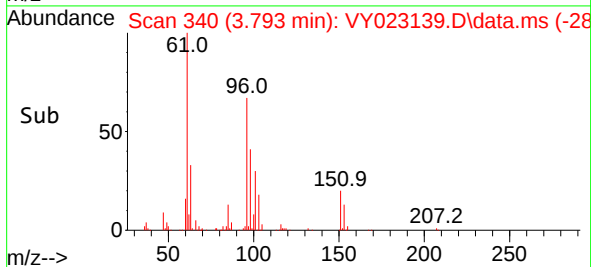
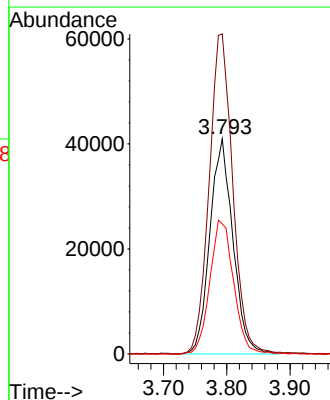
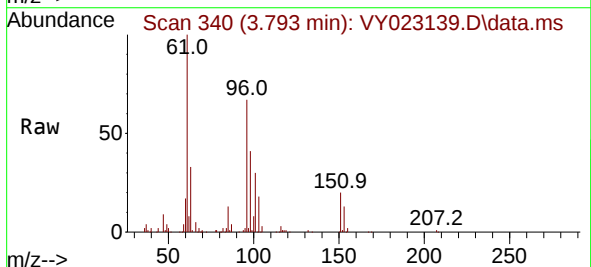
Tgt Ion: 96 Resp: 103754

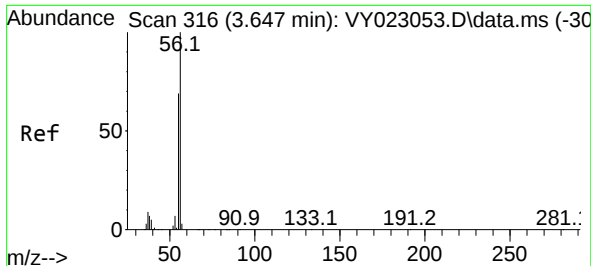
Ion Ratio Lower Upper

96 100

61 148.7 129.4 194.2

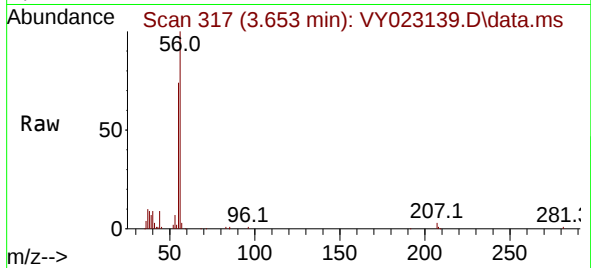
98 60.4 52.8 79.2





#13
Acrolein
Concen: 71.706 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

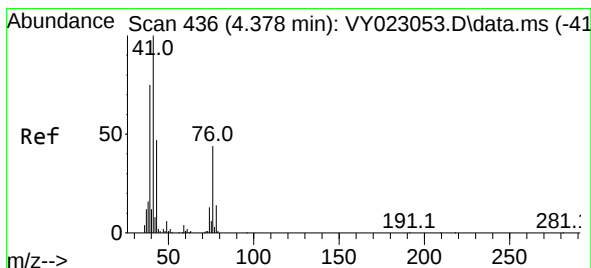
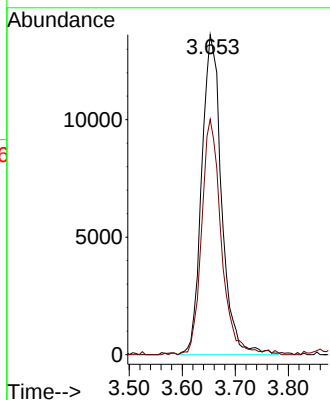
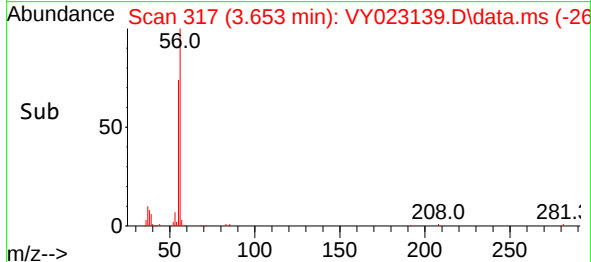
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



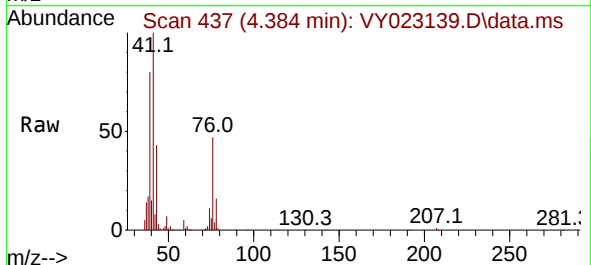
Tgt Ion: 56 Resp: 3549
Ion Ratio Lower Upper
56 100
55 72.0 55.2 82.8

Manual Integrations
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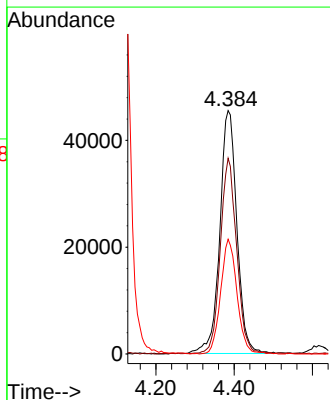
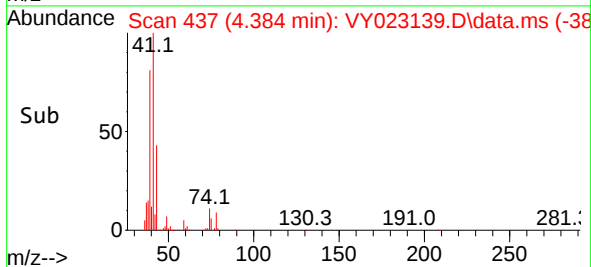
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

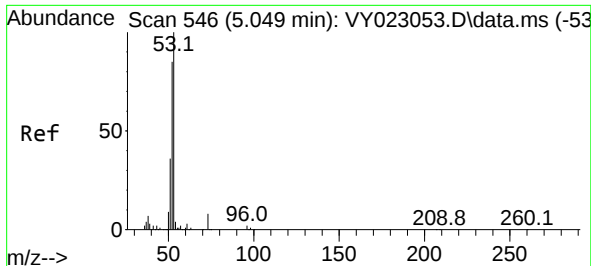


#14
Allyl chloride
Concen: 18.846 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



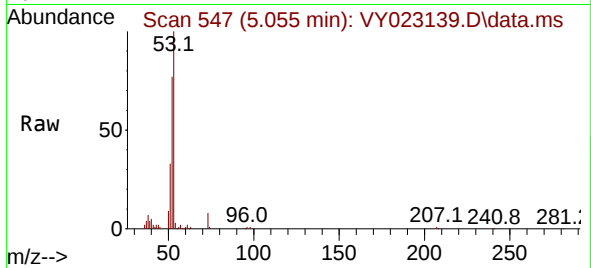
Tgt Ion: 41 Resp: 138299
Ion Ratio Lower Upper
41 100
39 77.1 59.8 89.6
76 45.1 33.7 50.5





#15
Acrylonitrile
Concen: 94.488 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

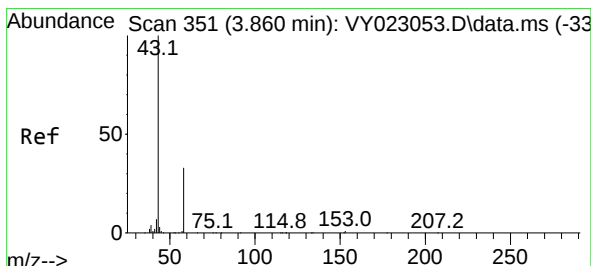
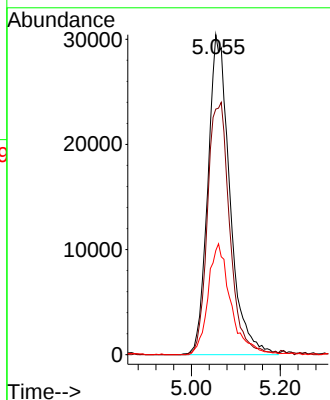
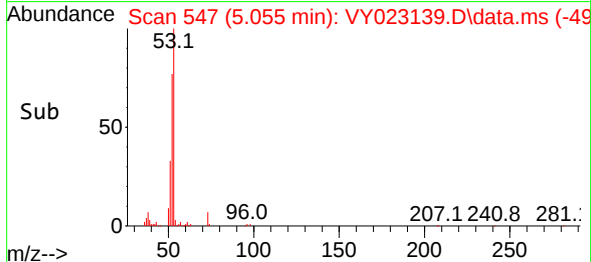
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



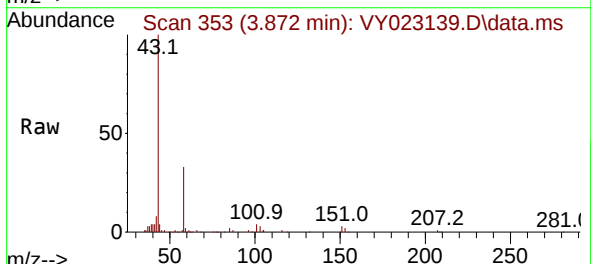
Tgt Ion: 53 Resp: 10452
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 35.9 29.5 44.3

Manual Integrations
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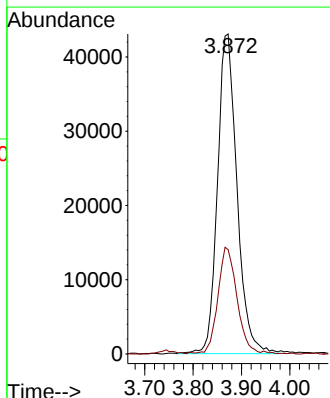
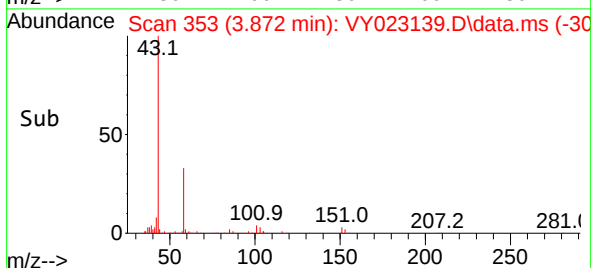
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

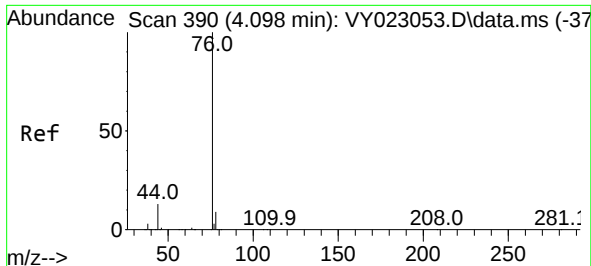


#16
Acetone
Concen: 112.685 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion: 43 Resp: 120414
Ion Ratio Lower Upper
43 100
58 32.5 27.1 40.7





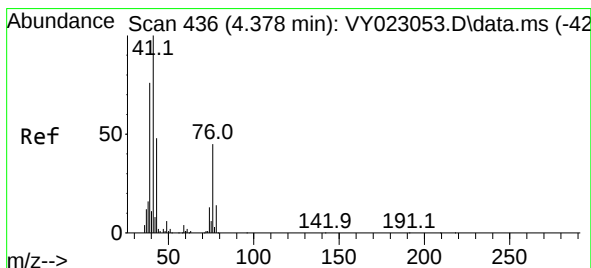
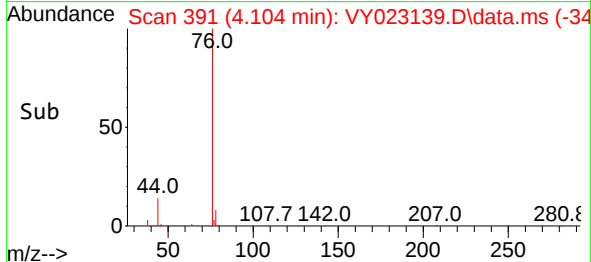
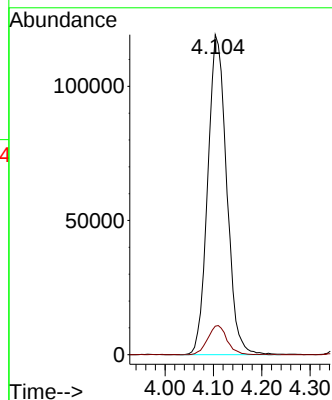
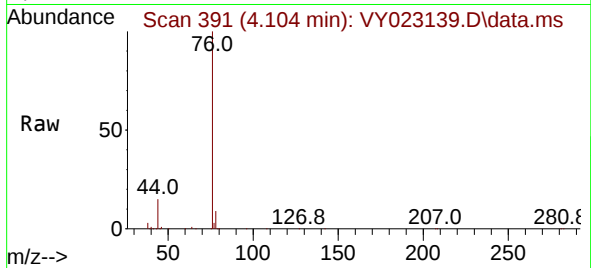
#17
Carbon Disulfide
Concen: 19.905 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 76 Resp: 323680
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

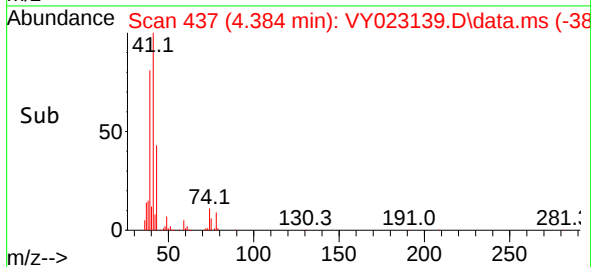
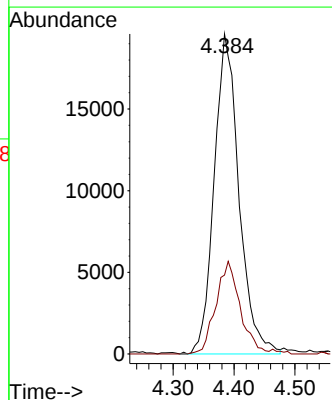
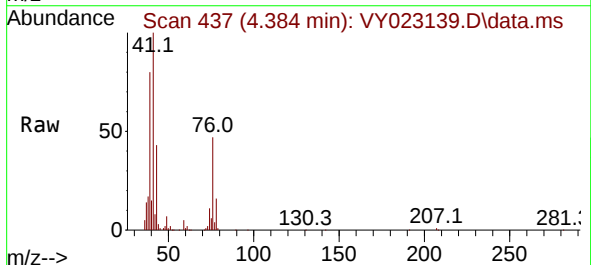
Manual Integrations
APPROVED

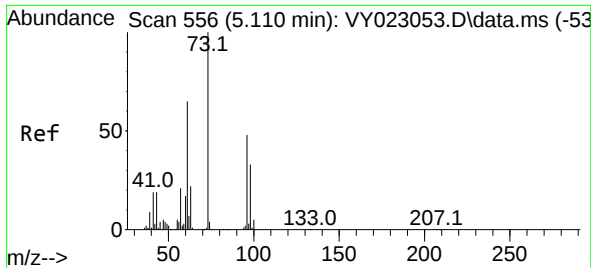
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 17.426 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

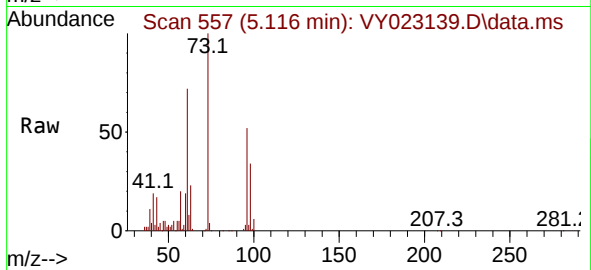
Tgt Ion: 43 Resp: 55412
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 19.720 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

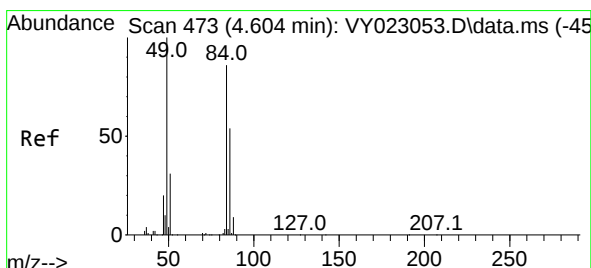
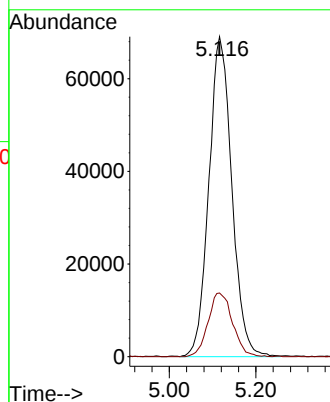
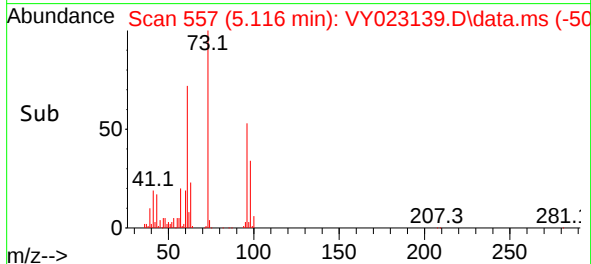
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 73 Resp: 25484
Ion Ratio Lower Upper
73 100
57 19.9 17.1 25.7

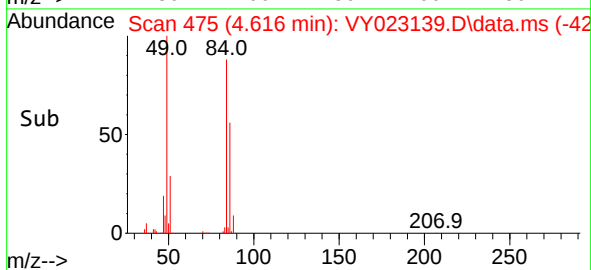
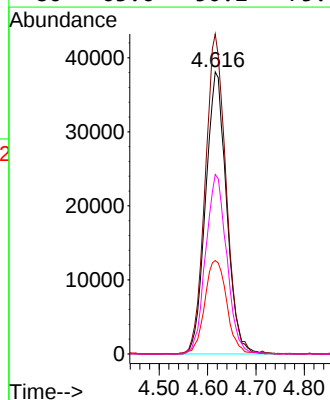
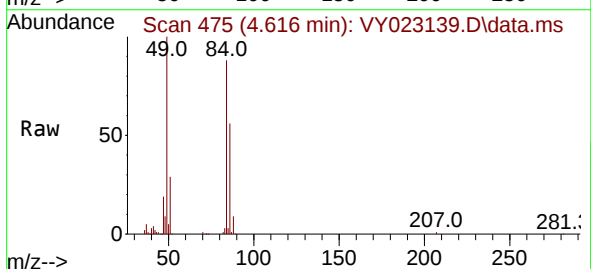
Manual Integrations
APPROVED

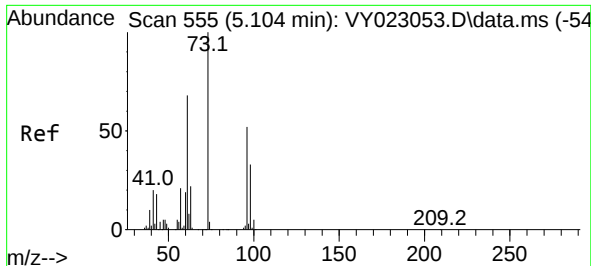
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 18.875 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

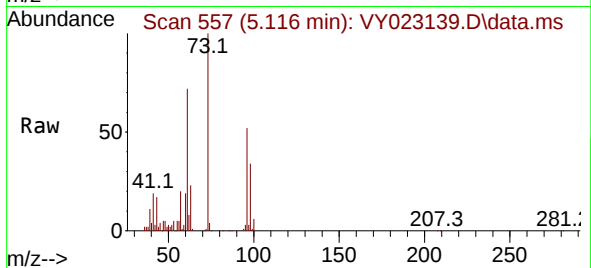
Tgt Ion: 84 Resp: 114203
Ion Ratio Lower Upper
84 100
49 113.2 93.0 139.6
51 33.1 29.0 43.4
86 63.6 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.993 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

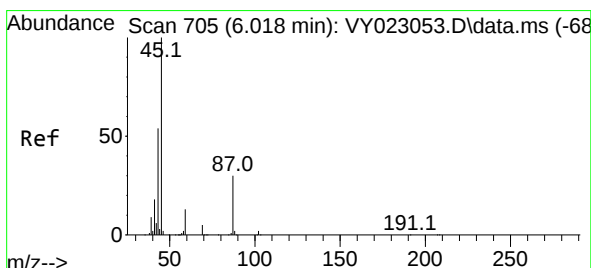
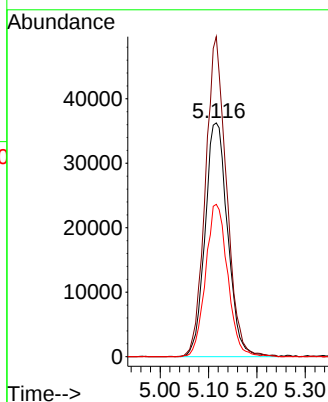
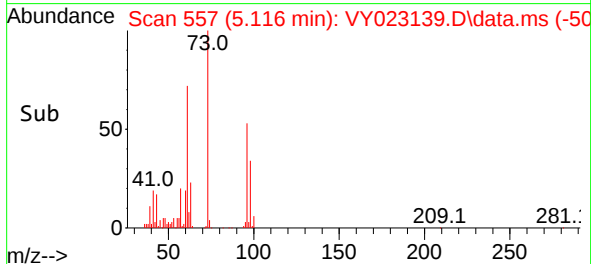
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 96 Resp: 117658
Ion Ratio Lower Upper
96 100
61 136.8 104.8 157.2
98 65.2 50.1 75.1

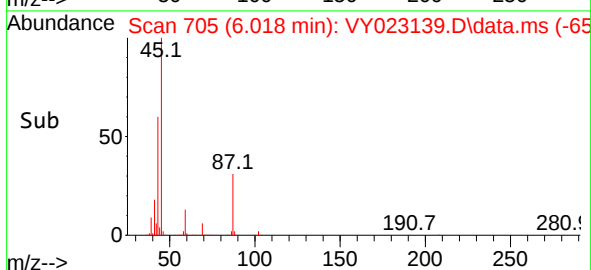
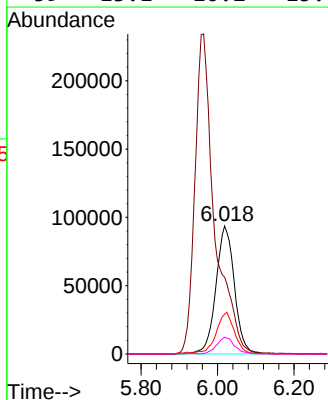
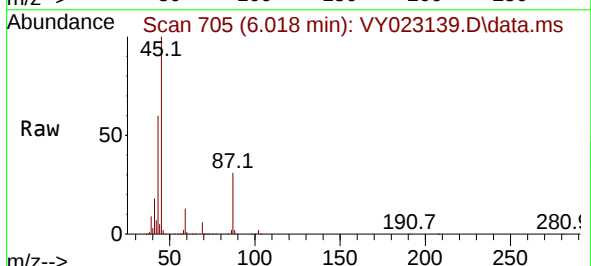
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 19.728 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

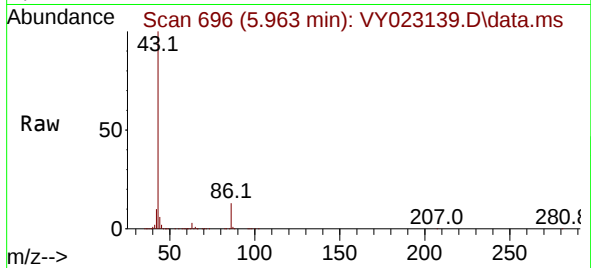
Tgt Ion: 45 Resp: 314582
Ion Ratio Lower Upper
45 100
43 59.6 43.4 65.0
87 31.1 24.4 36.6
59 13.1 10.2 15.4





#23
 Vinyl Acetate
 Concen: 94.938 ug/l
 RT: 5.963 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

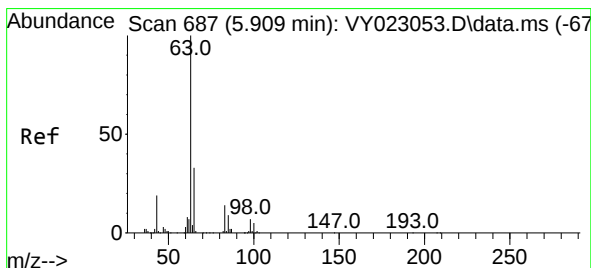
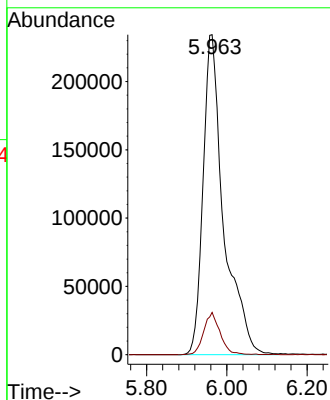
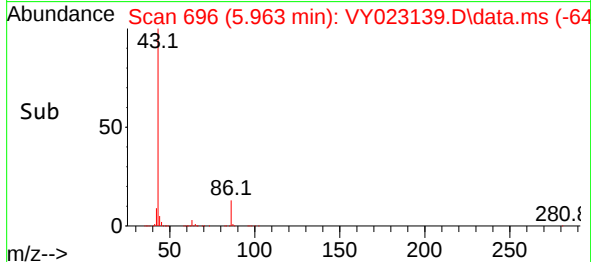
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



Tgt Ion: 43 Resp: 83710
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.6 14.4

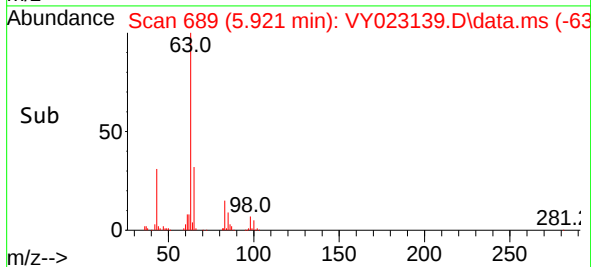
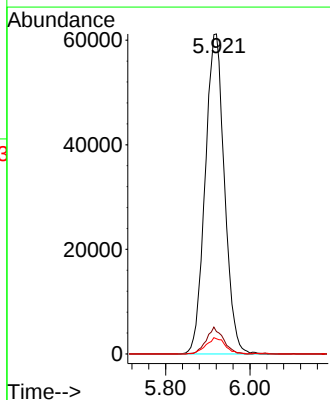
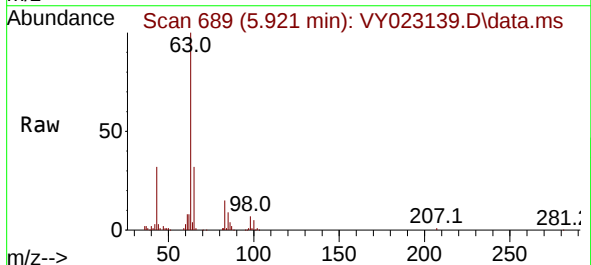
Manual Integrations
 APPROVED

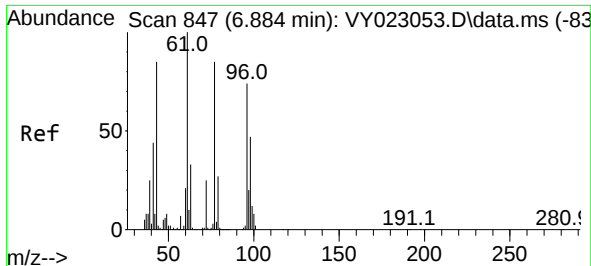
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#24
 1,1-Dichloroethane
 Concen: 19.979 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

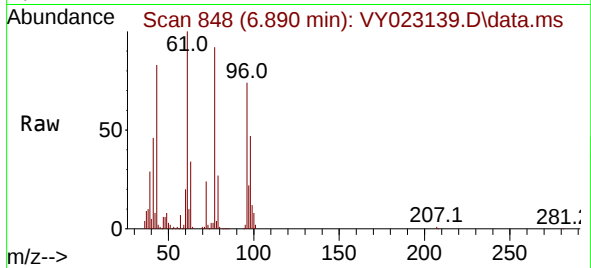
Tgt Ion: 63 Resp: 194782
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 100.847 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

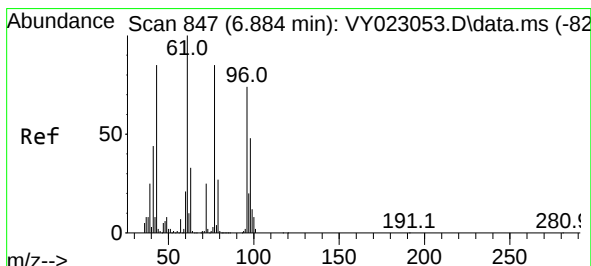
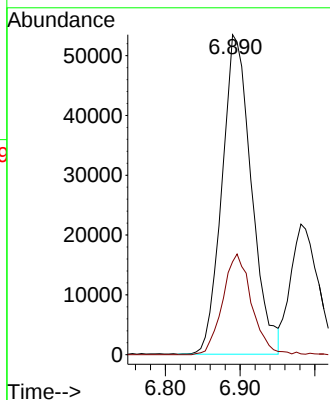
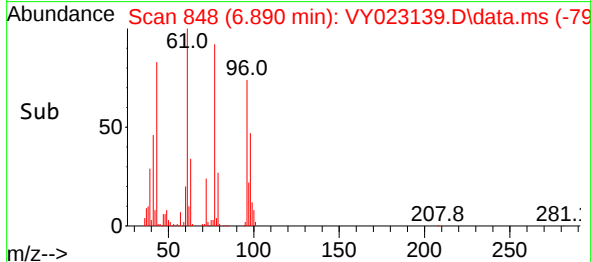
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



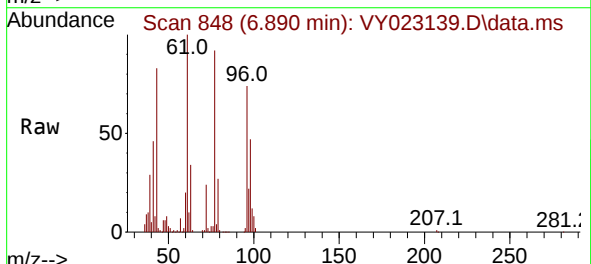
Tgt Ion: 43 Resp: 14656
Ion Ratio Lower Upper
43 100
72 29.1 23.5 35.3

Manual Integrations
APPROVED

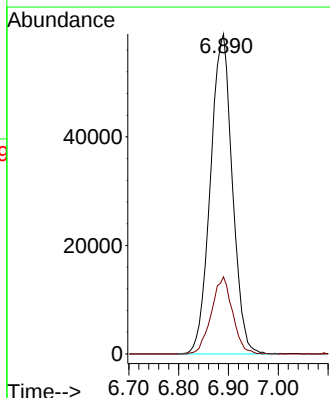
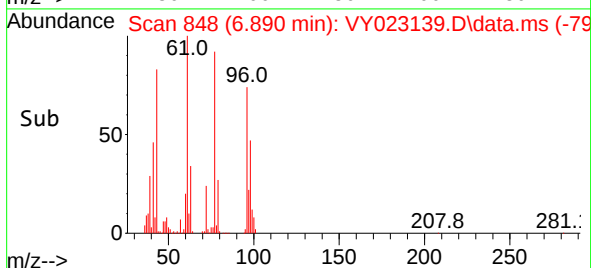
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

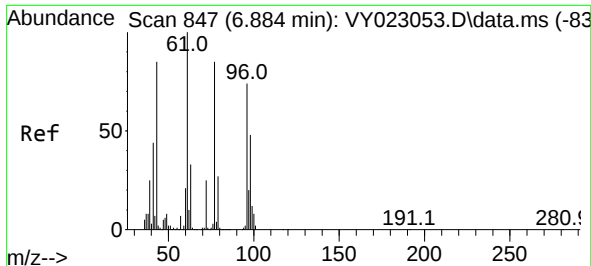


#26
2,2-Dichloropropane
Concen: 21.352 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion: 77 Resp: 179625
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.582 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

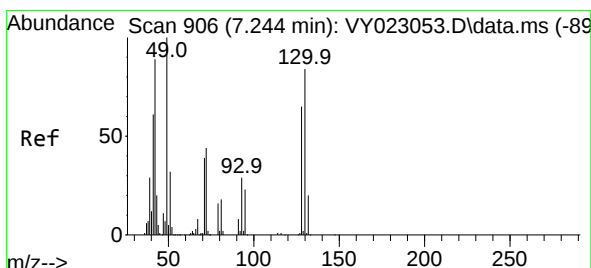
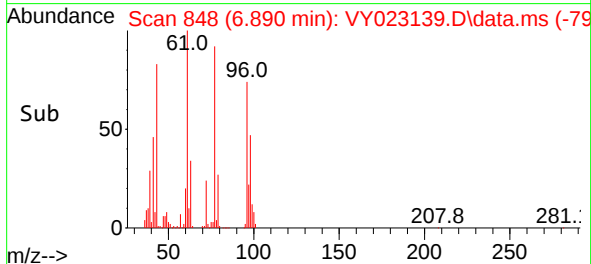
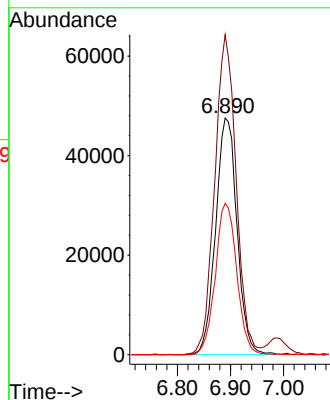
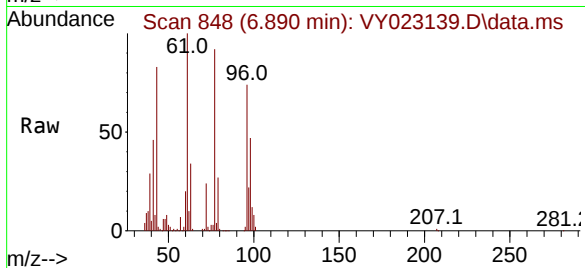
Tgt Ion:	96	Resp:	133354
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	278.6
98	64.1	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#28

Bromochloromethane

Concen: 19.474 ug/l

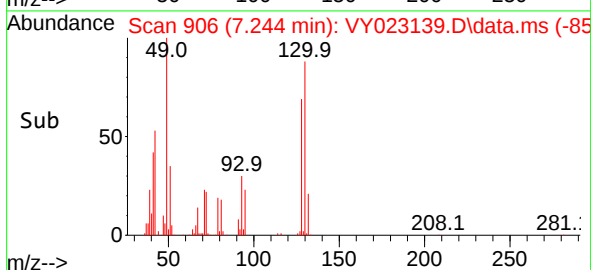
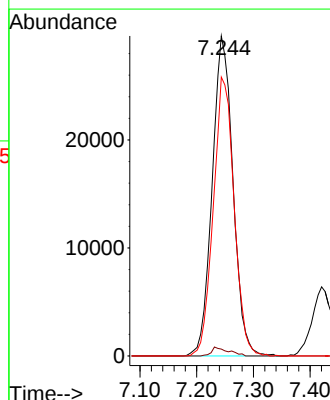
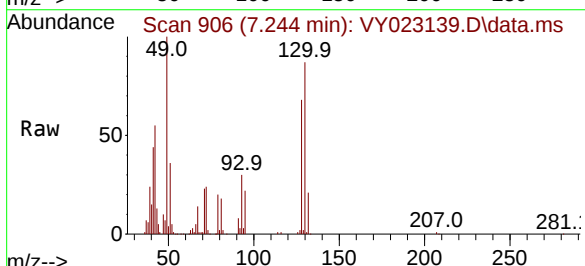
RT: 7.244 min Scan# 906

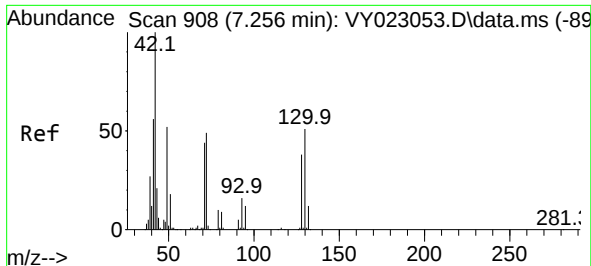
Delta R.T. -0.000 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion:	49	Resp:	75324
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	87.0	66.4	99.6





#29

Tetrahydrofuran

Concen: 90.389 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

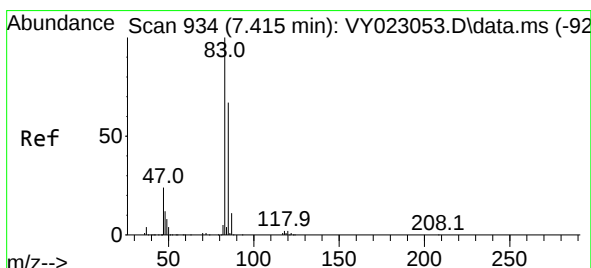
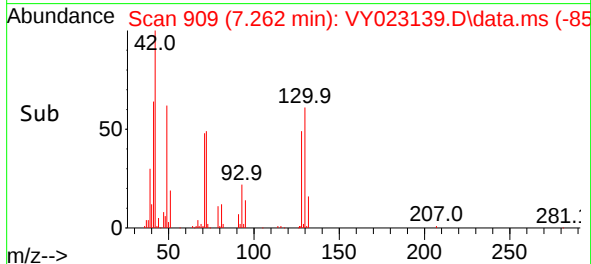
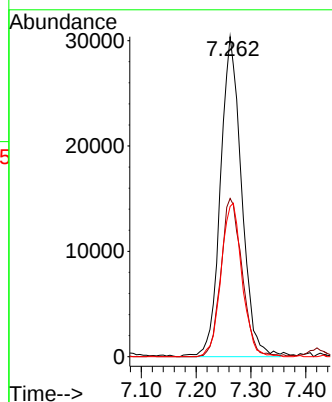
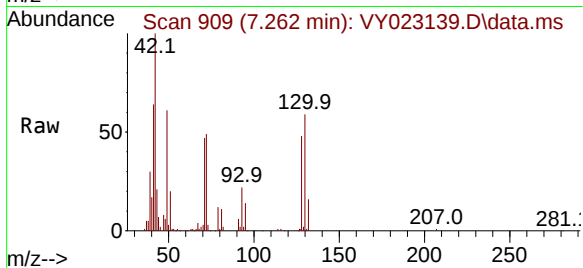
Tgt Ion:	42	Resp:	8142
Ion Ratio	Lower	Upper	
42	100		
72	49.9	39.4	59.2
71	47.8	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 20.690 ug/l

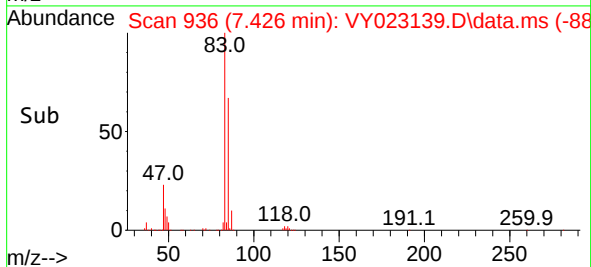
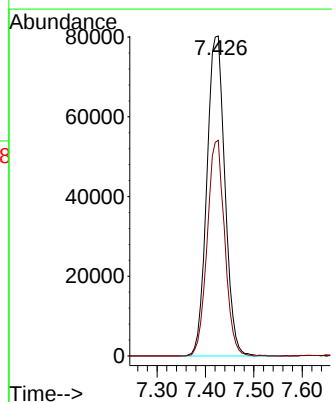
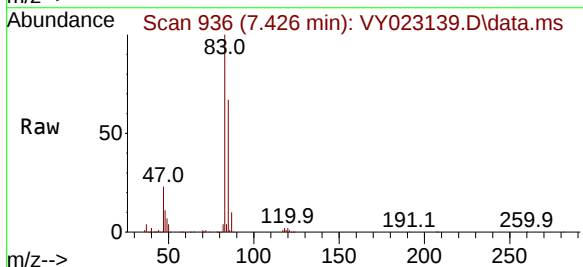
RT: 7.426 min Scan# 936

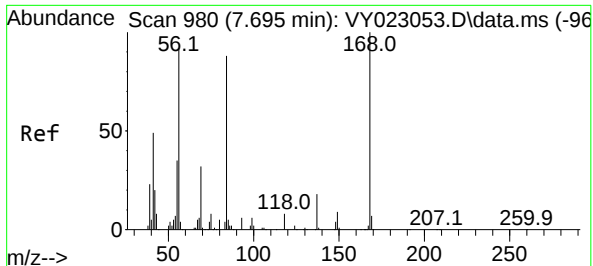
Delta R.T. 0.012 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

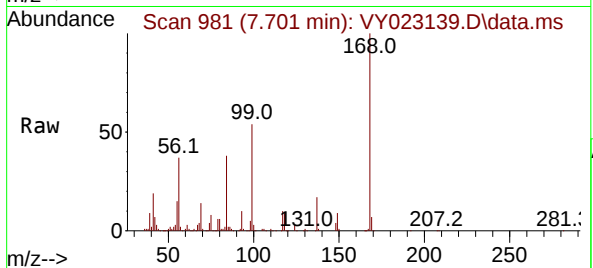
Tgt Ion:	83	Resp:	208029
Ion Ratio	Lower	Upper	
83	100		
85	67.4	53.8	80.8





#31
Cyclohexane
Concen: 19.640 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

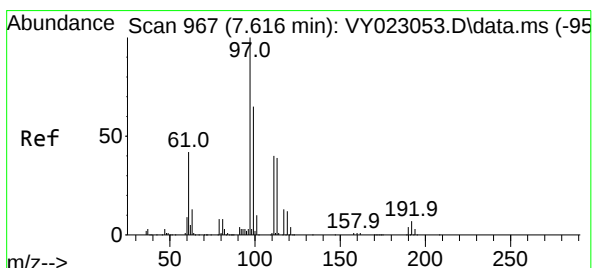
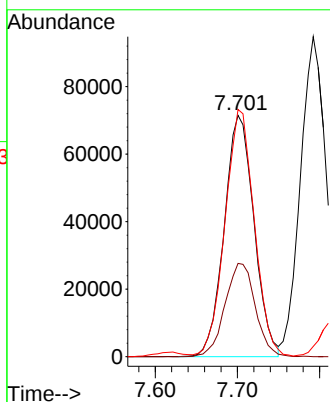
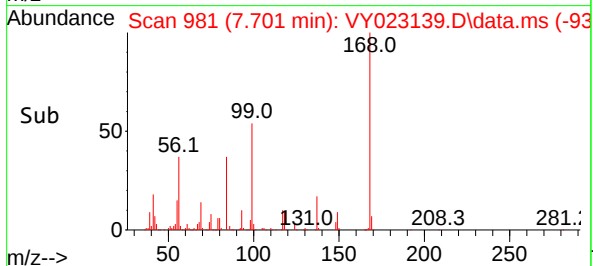
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



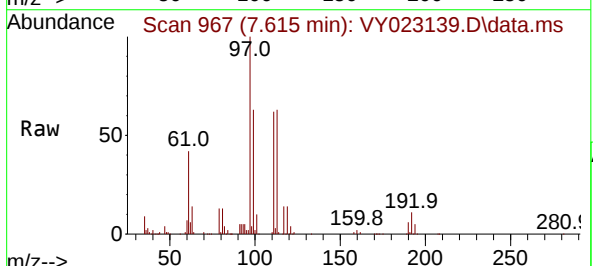
Tgt Ion: 56 Resp: 18044
Ion Ratio Lower Upper
56 100
69 38.6 28.2 42.2
84 101.0 76.6 114.8

Manual Integrations
APPROVED

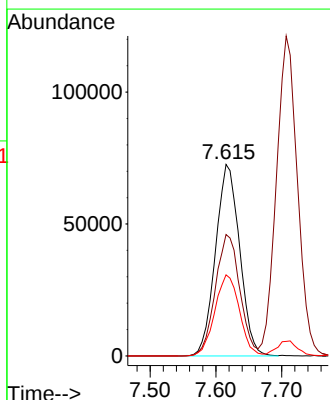
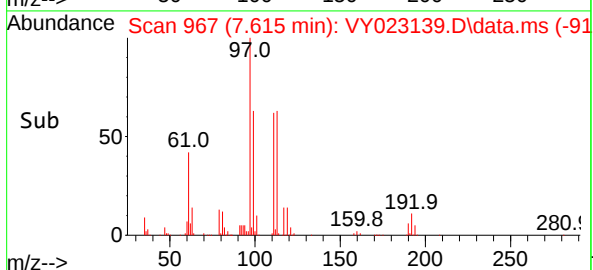
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 20.833 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion: 97 Resp: 185862
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 43.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.365 ug/l

RT: 8.060 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 65 Resp: 23362

Ion Ratio Lower Upper

65 100

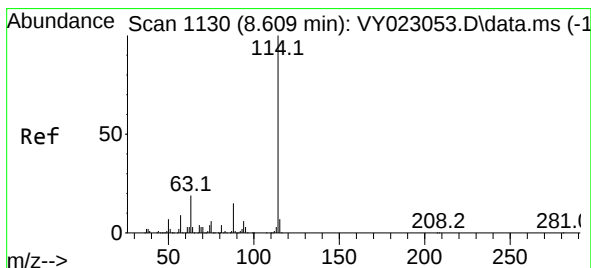
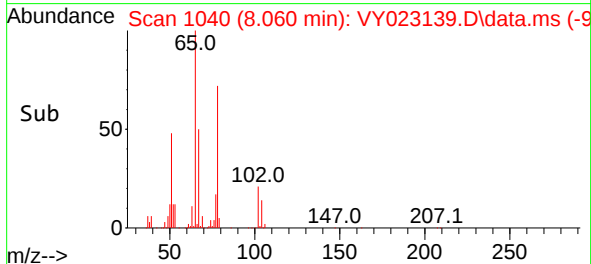
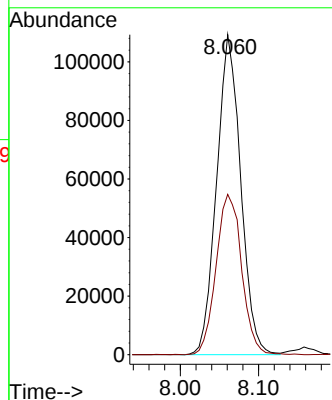
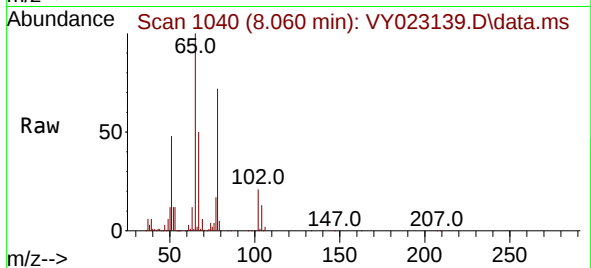
67 53.2 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

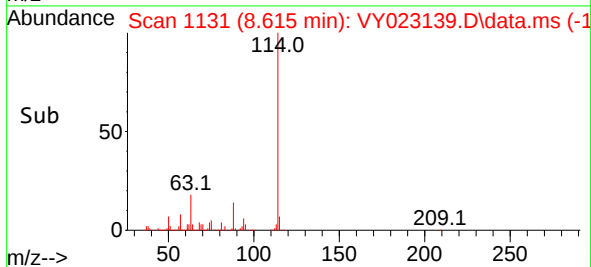
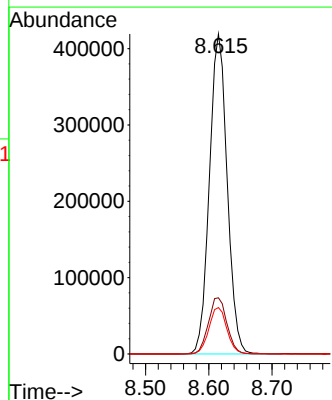
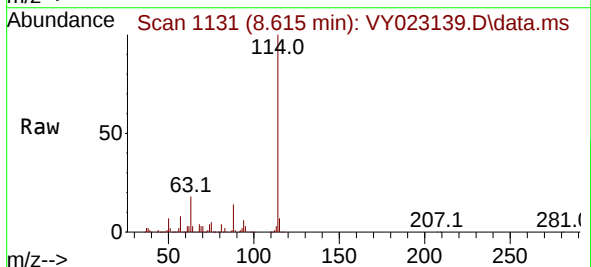
Tgt Ion:114 Resp: 816918

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

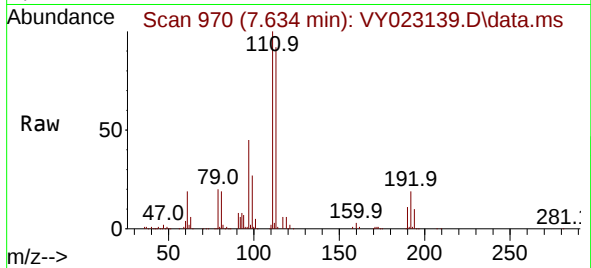
88 14.5 0.0 30.0





#35
Dibromofluoromethane
Concen: 48.567 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

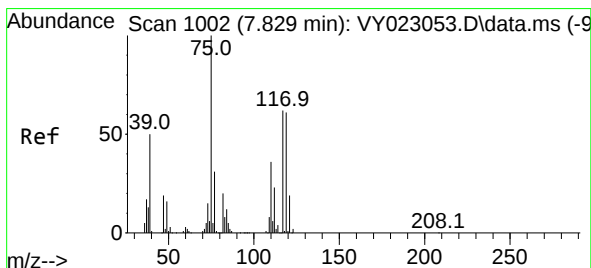
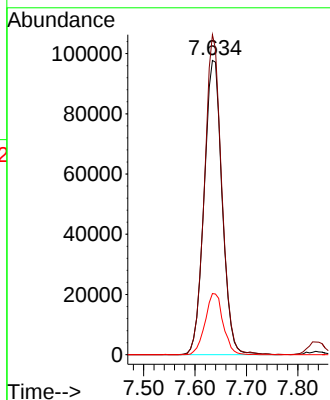
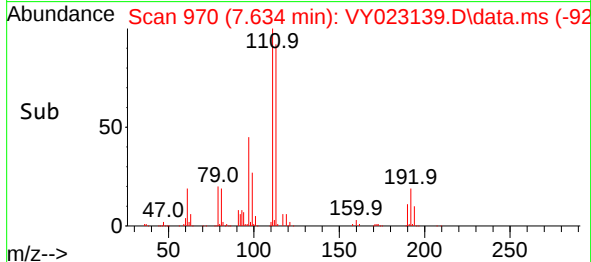
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 113 Resp: 237400
Ion Ratio Lower Upper
113 100
111 104.2 81.1 121.7
192 20.8 16.2 24.4

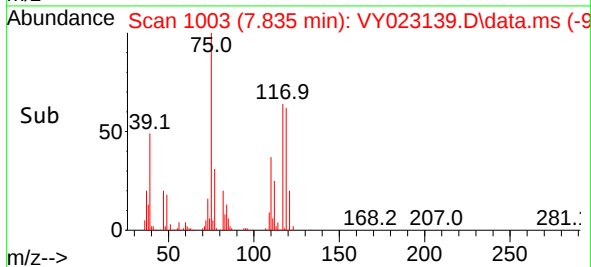
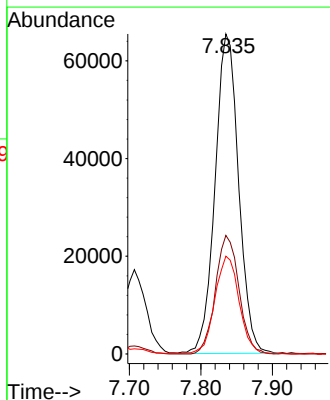
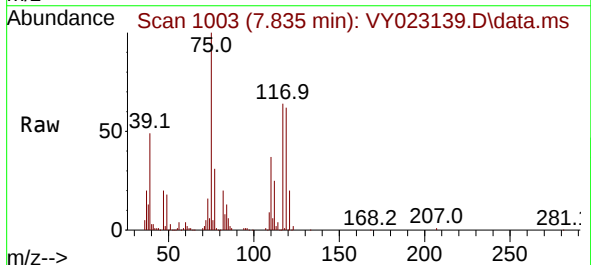
Manual Integrations
APPROVED

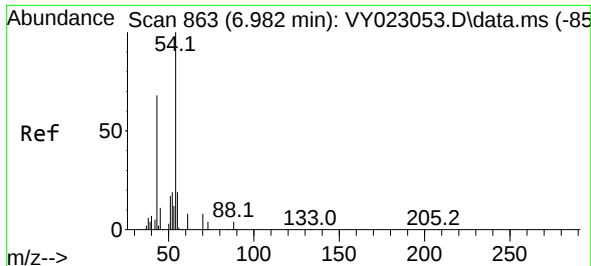
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 20.606 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion: 75 Resp: 149696
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 18.660 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 43 Resp: 5694

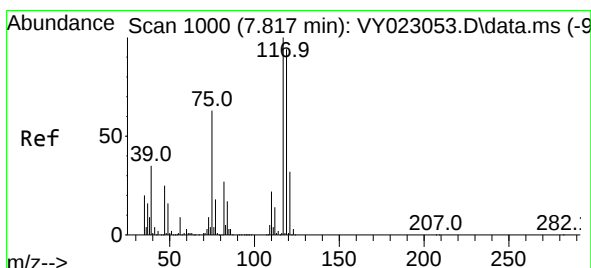
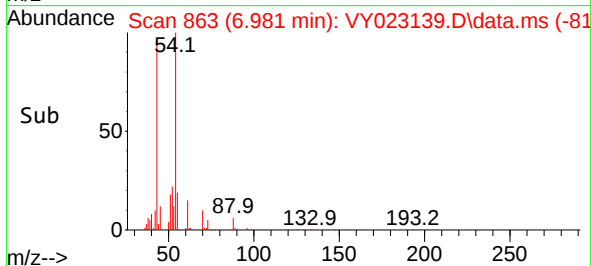
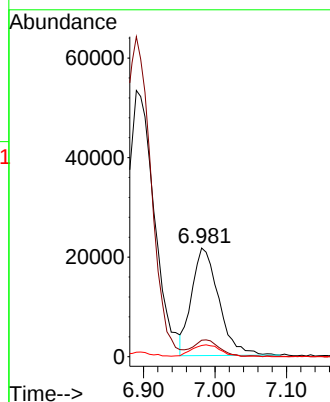
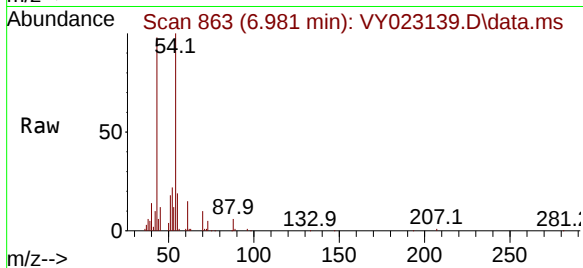
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	12.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Carbon Tetrachloride

Concen: 21.430 ug/l

RT: 7.817 min Scan# 1000

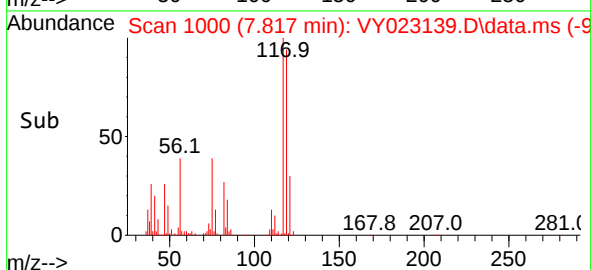
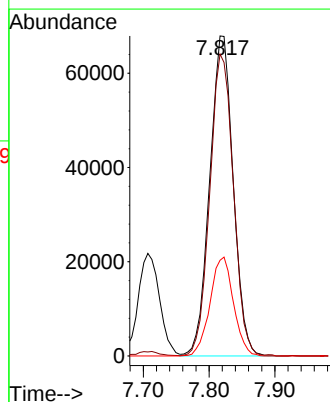
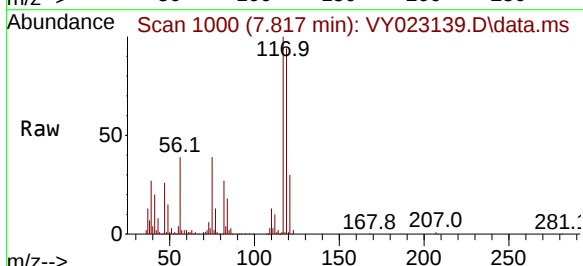
Delta R.T. -0.000 min

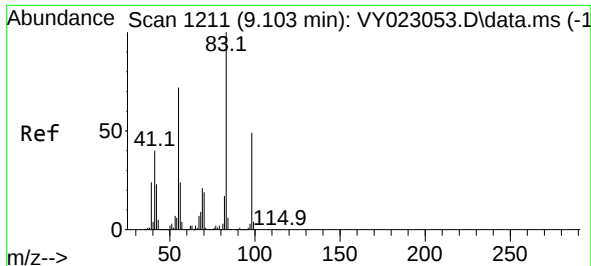
Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion:117 Resp: 169089

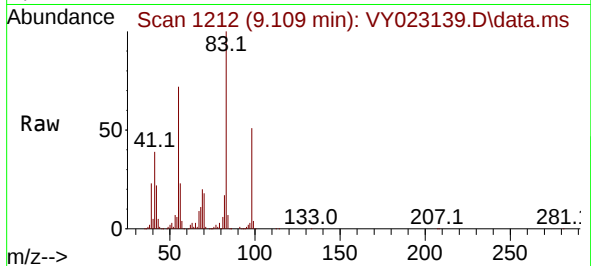
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.6	113.4
121	29.9	25.8	38.8





#39
Methylcyclohexane
Concen: 20.803 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

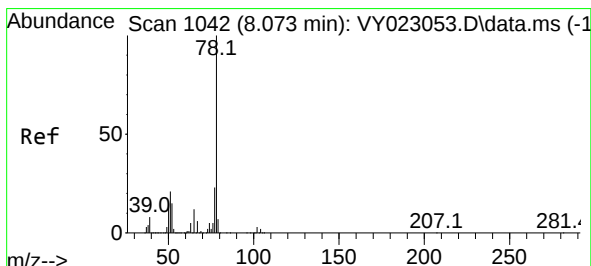
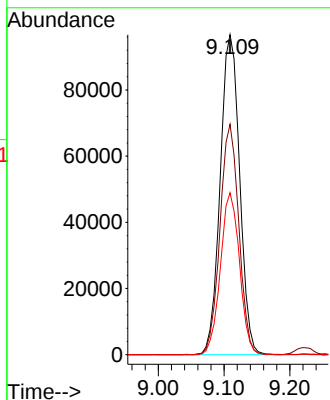
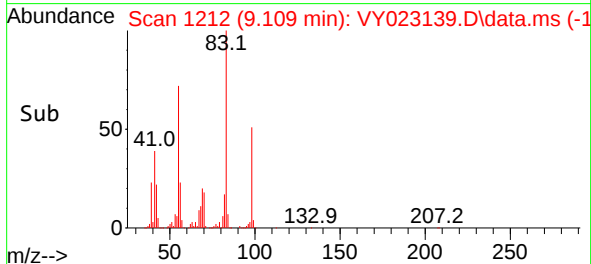
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



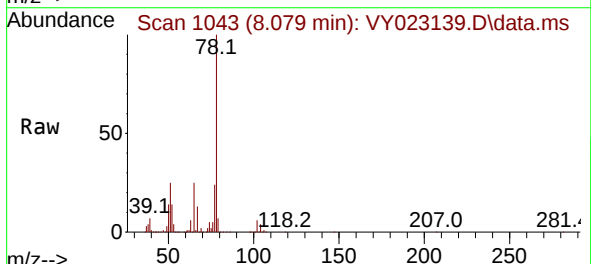
Tgt Ion: 83 Resp: 19901
Ion Ratio Lower Upper
83 100
55 72.0 57.6 86.4
98 50.6 39.2 58.8

Manual Integrations
APPROVED

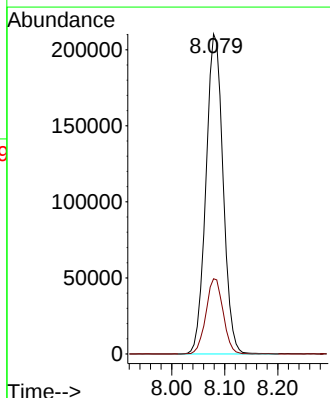
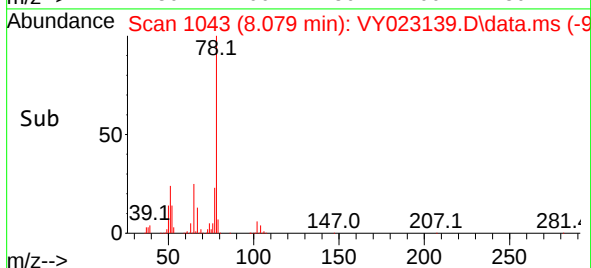
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

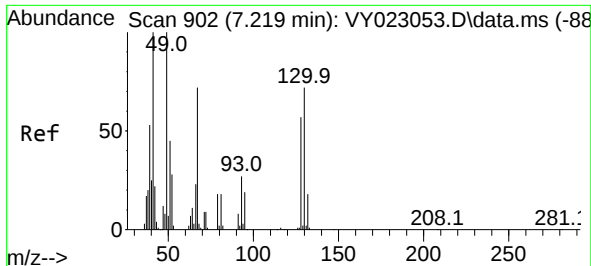


#40
Benzene
Concen: 21.055 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



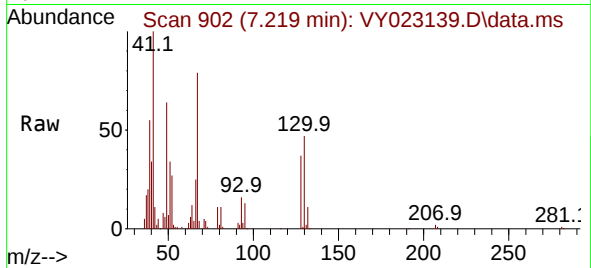
Tgt Ion: 78 Resp: 471421
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0





#41
Methacrylonitrile
Concen: 18.482 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

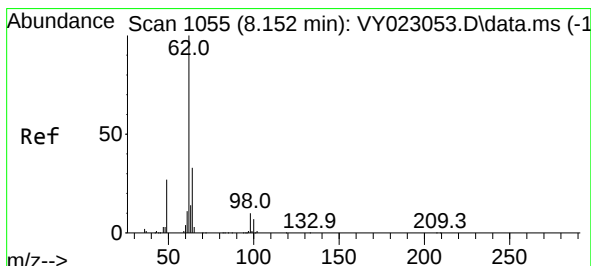
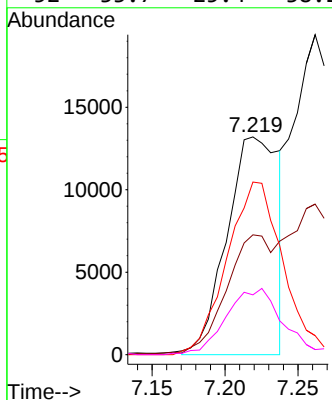
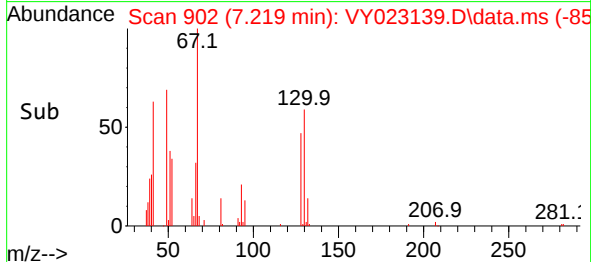
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:	41	Resp:	32549
Ion Ratio	100	Lower	Upper
39	47.7	43.4	65.2
67	86.5	63.6	95.4
52	33.7	25.4	38.2

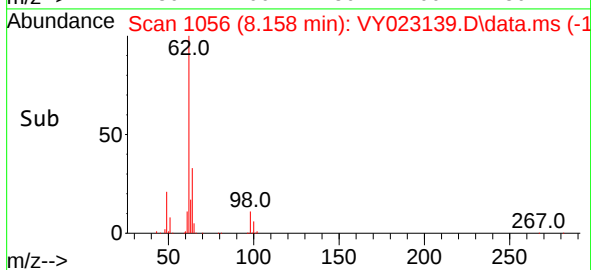
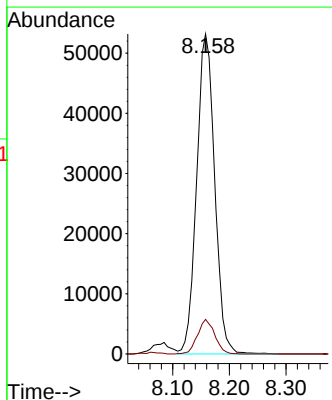
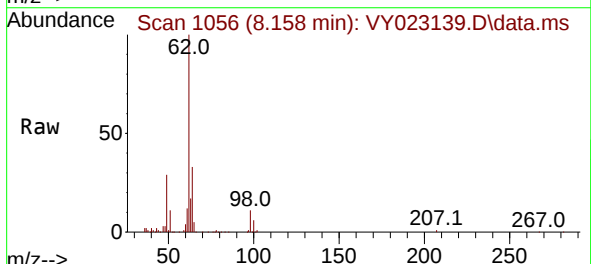
Manual Integrations
APPROVED

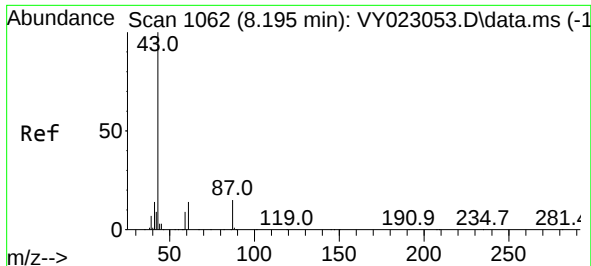
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 20.187 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

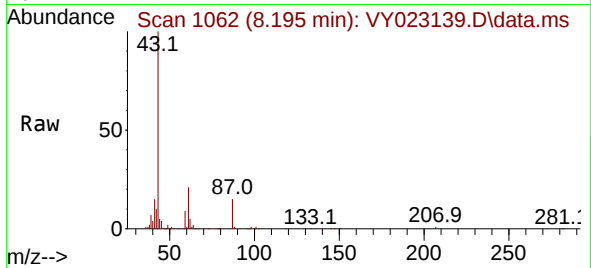
Tgt Ion:	62	Resp:	117552
Ion Ratio	100	Lower	Upper
98	10.4	0.0	20.6





#43
Isopropyl Acetate
Concen: 18.431 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

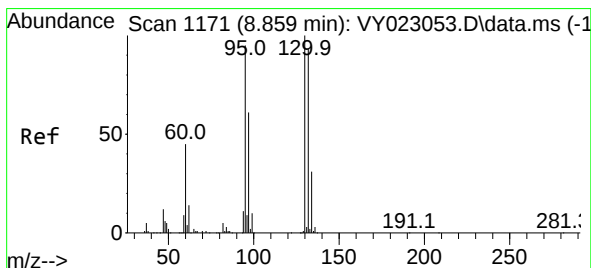
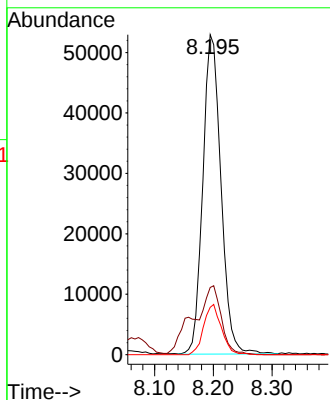
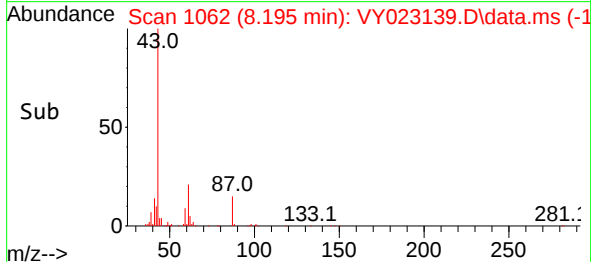
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



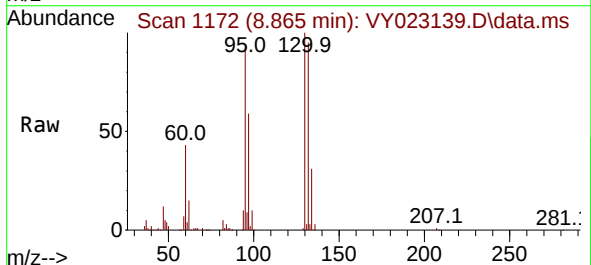
Tgt Ion: 43 Resp: 11368
Ion Ratio Lower Upper
43 100
61 20.5 16.4 24.6
87 15.4 11.8 17.6

Manual Integrations
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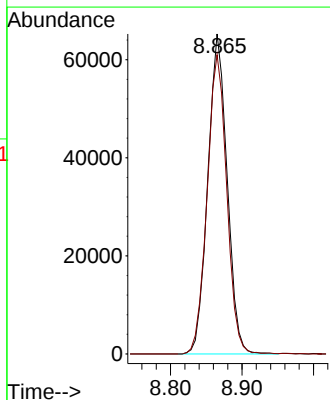
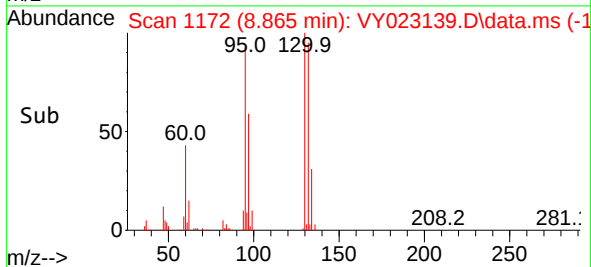
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Trichloroethene
Concen: 21.187 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion:130 Resp: 122590
Ion Ratio Lower Upper
130 100
95 93.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.506 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 63 Resp: 10564

Ion Ratio Lower Upper

63 100

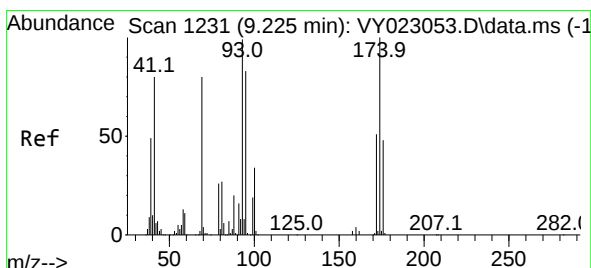
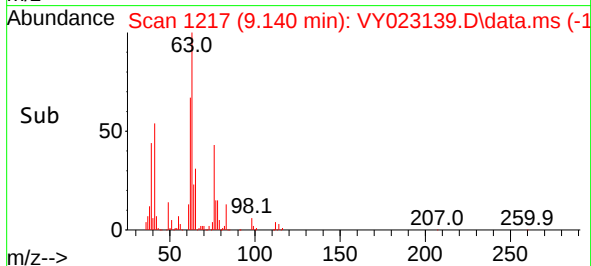
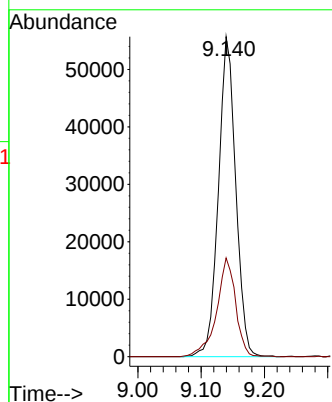
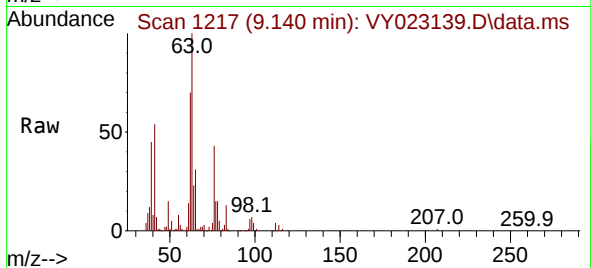
65 30.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Dibromomethane

Concen: 20.972 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

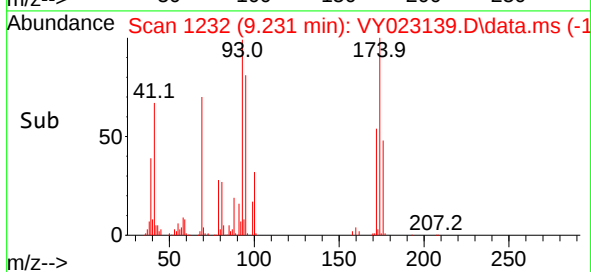
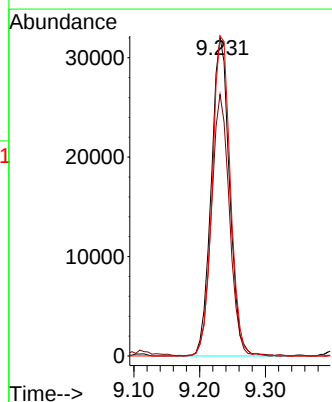
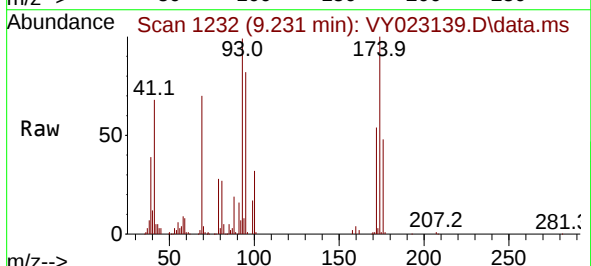
Tgt Ion: 93 Resp: 62014

Ion Ratio Lower Upper

93 100

95 81.1 66.5 99.7

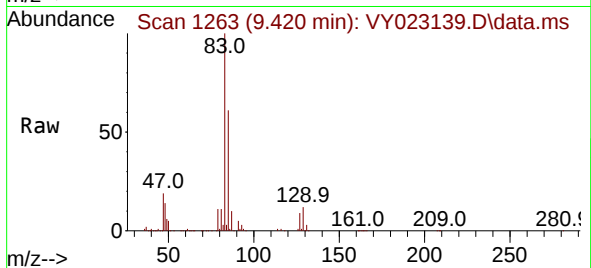
174 99.4 81.8 122.8





#47
Bromodichloromethane
Concen: 20.725 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

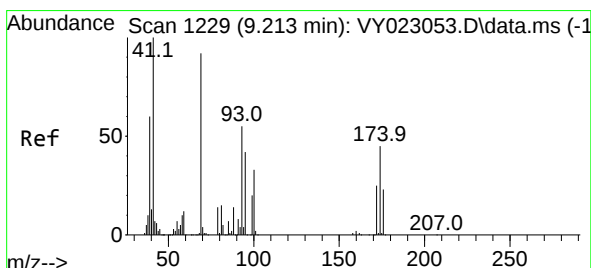
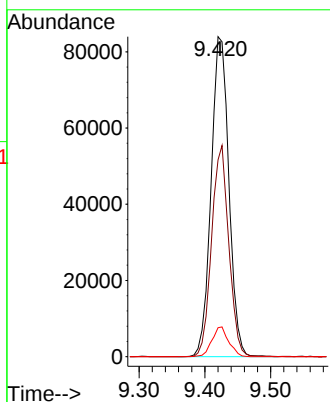
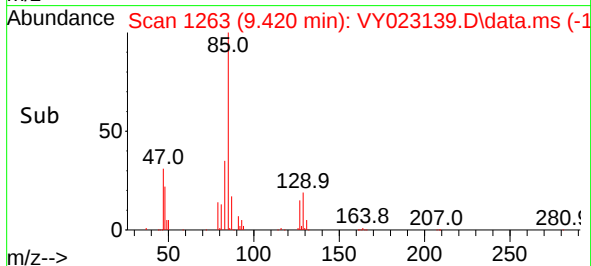
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 83 Resp: 157692
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 9.1 6.6 10.0

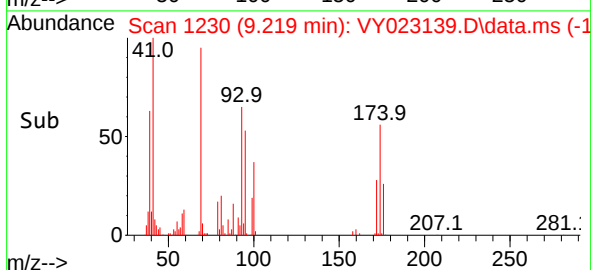
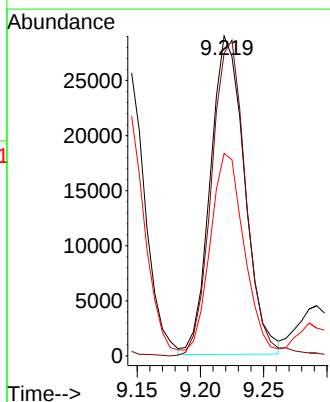
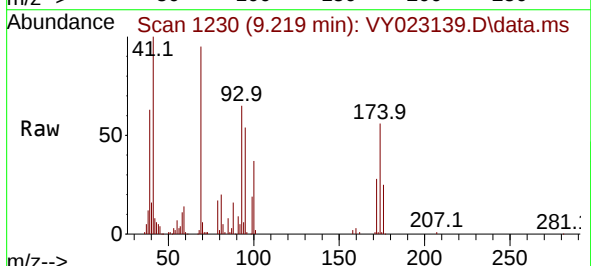
Manual Integrations
APPROVED

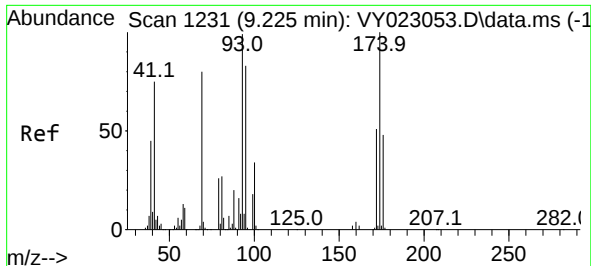
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 18.499 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion: 41 Resp: 54599
Ion Ratio Lower Upper
41 100
69 99.3 73.2 109.8
39 62.8 47.0 70.4





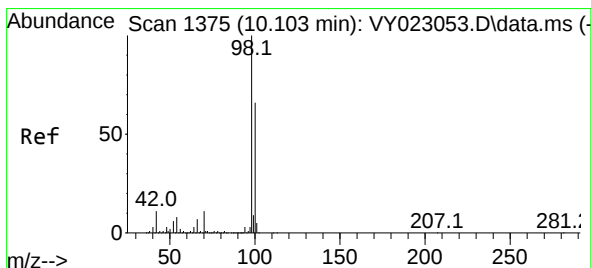
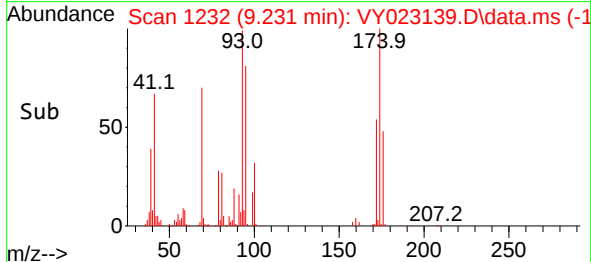
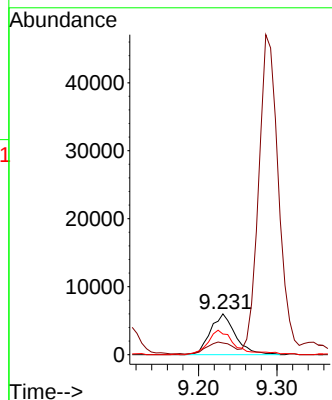
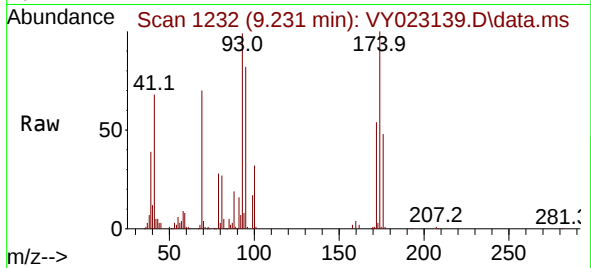
#49
1,4-Dioxane
Concen: 383.459 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 88 Resp: 1329
Ion Ratio Lower Upper
88 100
43 29.3 24.3 36.5
58 65.0 55.4 83.0

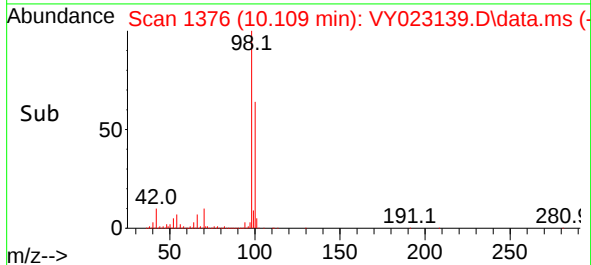
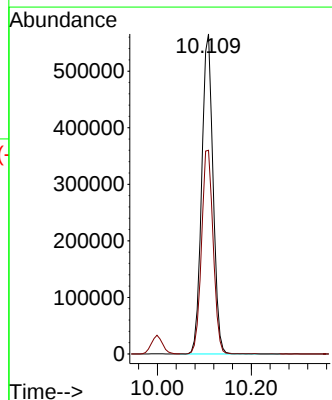
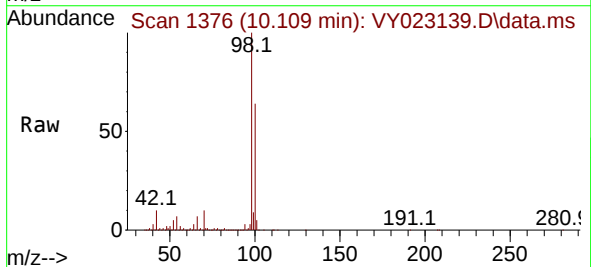
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#50
Toluene-d8
Concen: 49.608 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion: 98 Resp: 947313
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5





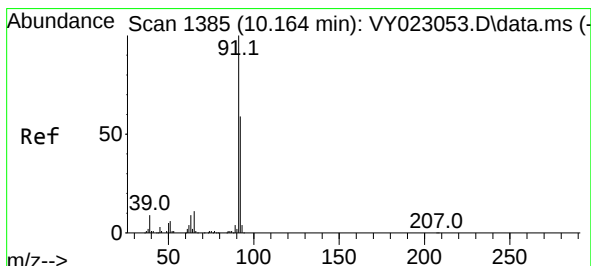
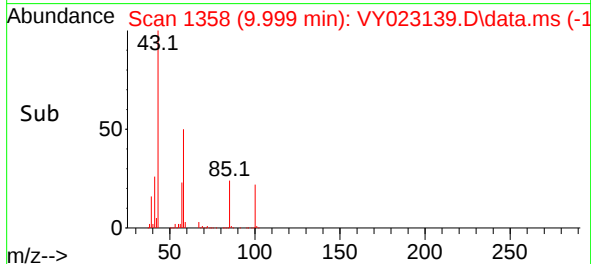
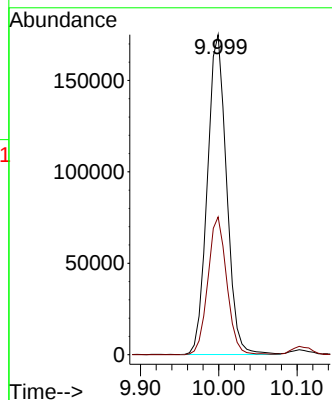
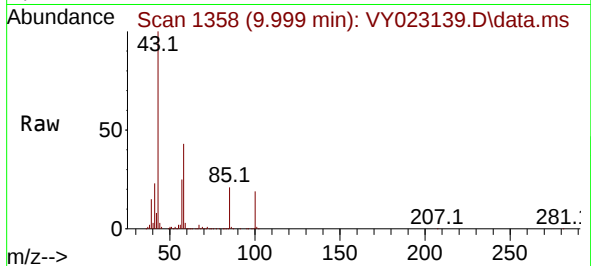
#51
4-Methyl-2-Pentanone
Concen: 93.721 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 43 Resp: 29817
Ion Ratio Lower Upper
43 100
58 42.3 33.5 50.3

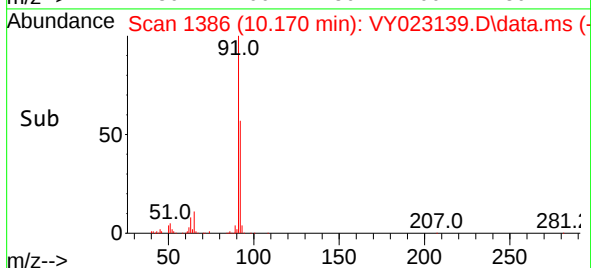
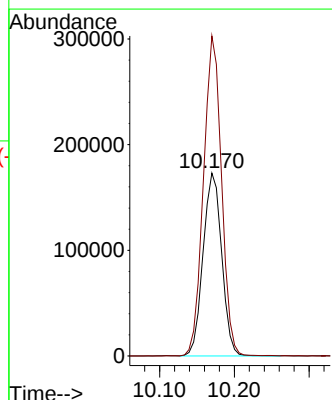
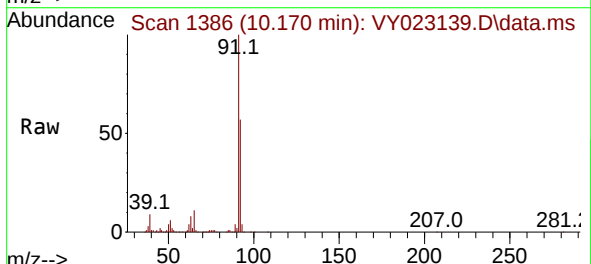
Manual Integrations
APPROVED

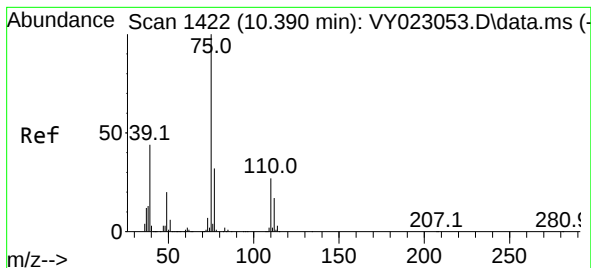
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
Toluene
Concen: 21.028 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

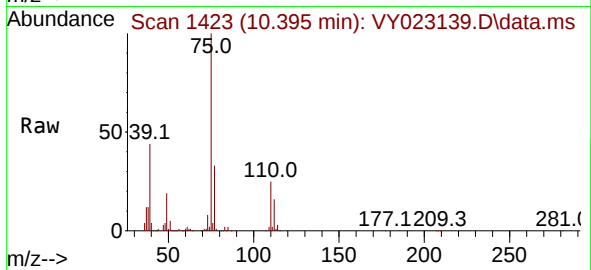
Tgt Ion: 92 Resp: 299030
Ion Ratio Lower Upper
92 100
91 169.8 136.4 204.6





#53
 t-1,3-Dichloropropene
 Concen: 20.144 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

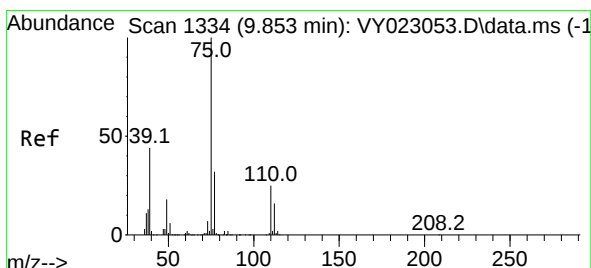
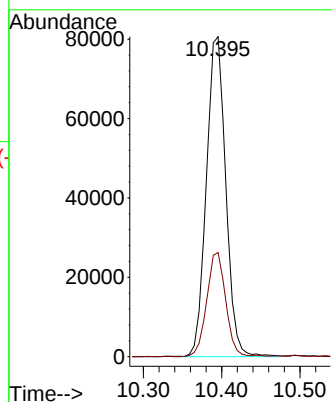
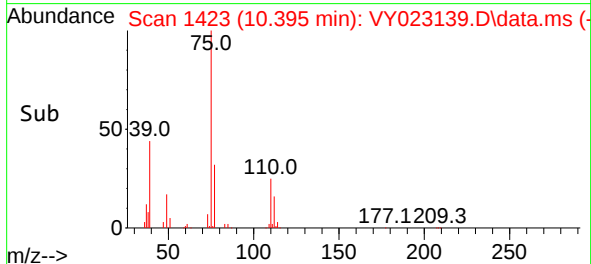
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



Tgt Ion: 75 Resp: 138793
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5

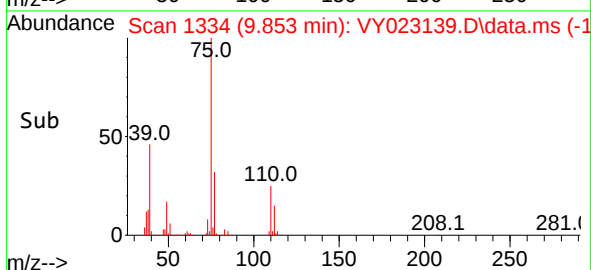
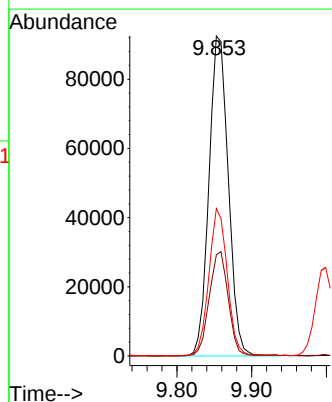
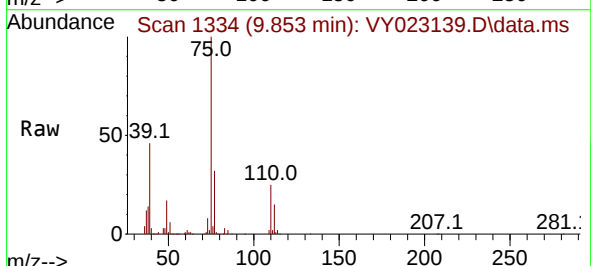
Manual Integrations
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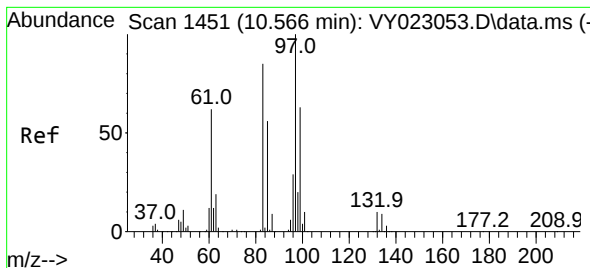
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.453 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

Tgt Ion: 75 Resp: 166637
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 46.0 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 20.350 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 97 Resp: 80520

Ion Ratio Lower Upper

97 100

83 90.7 67.7 101.5

85 60.3 44.5 66.7

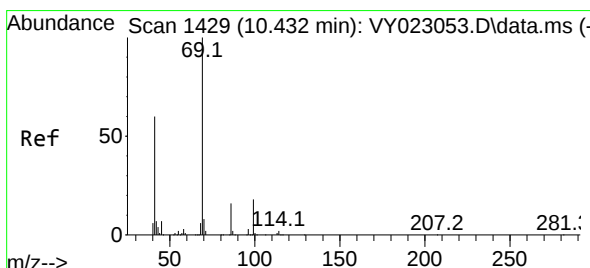
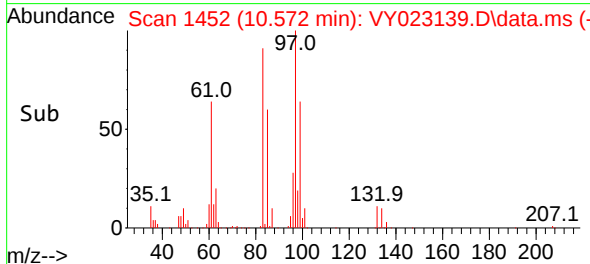
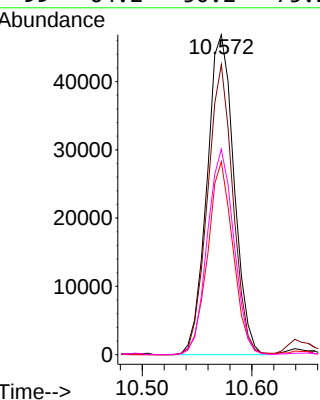
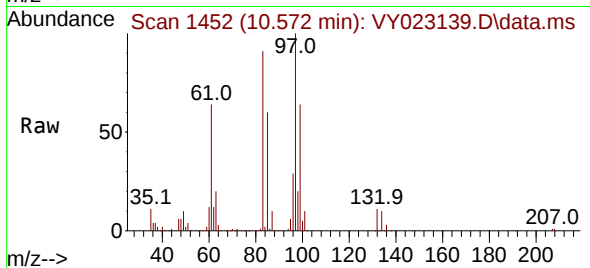
99 64.2 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#56

Ethyl methacrylate

Concen: 18.741 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

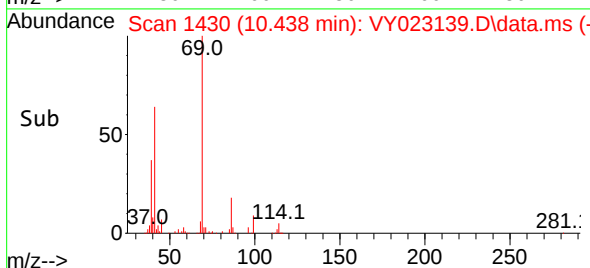
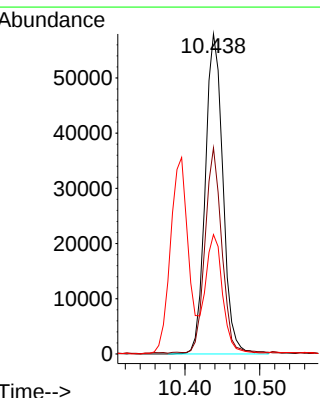
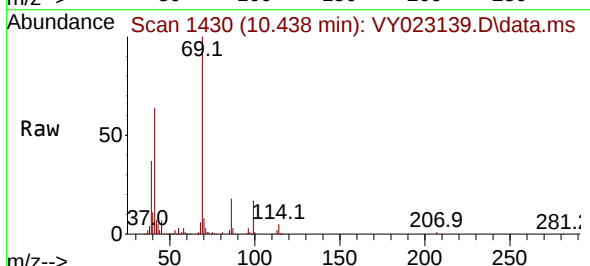
Tgt Ion: 69 Resp: 94888

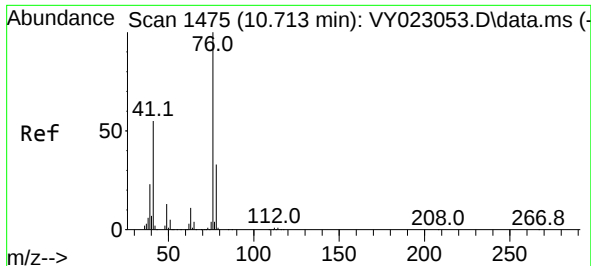
Ion Ratio Lower Upper

69 100

41 61.1 48.6 72.8

39 34.5 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.594 ug/l

RT: 10.718 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 76 Resp: 13819

Ion Ratio Lower Upper

76 100

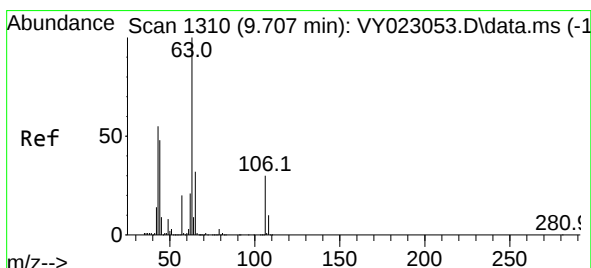
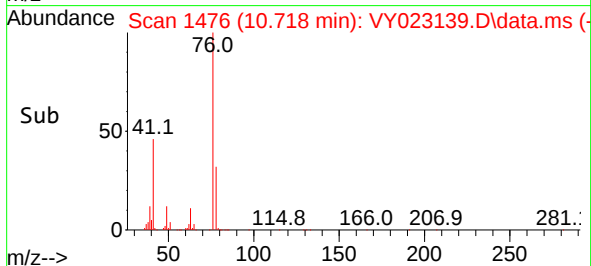
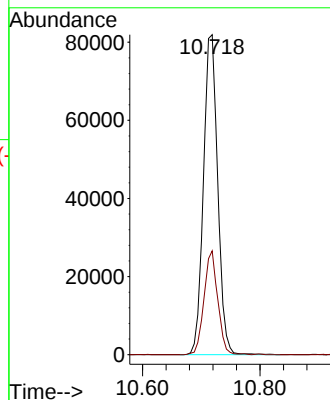
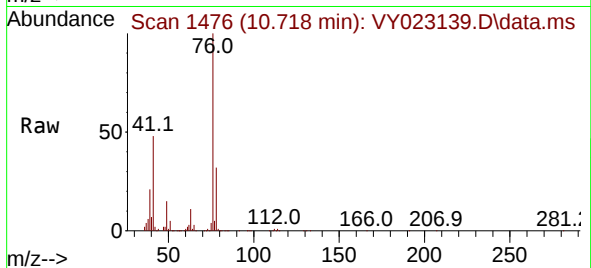
78 31.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.672 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023139.D

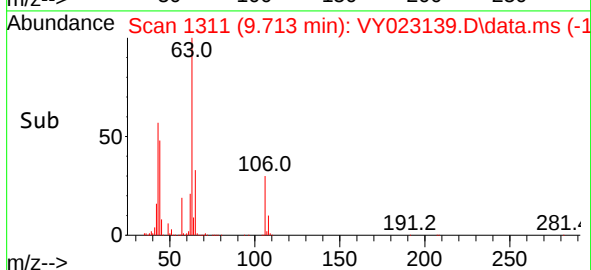
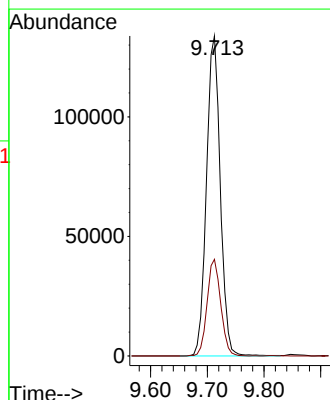
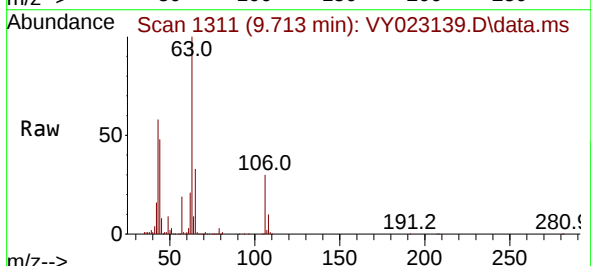
Acq: 19 Aug 2025 10:19

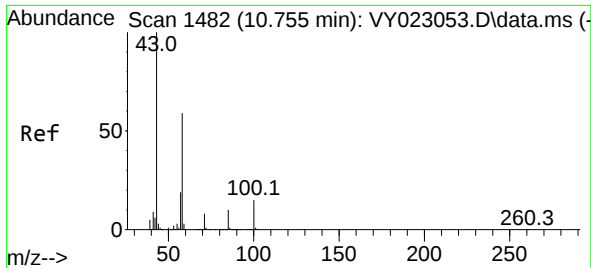
Tgt Ion: 63 Resp: 226098

Ion Ratio Lower Upper

63 100

106 29.8 23.2 34.8





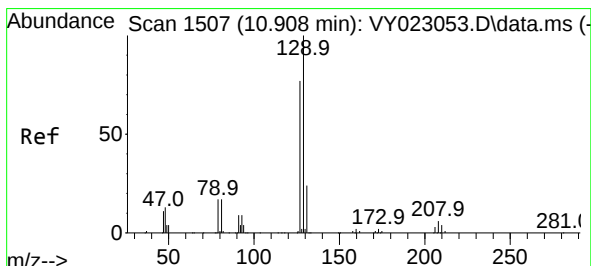
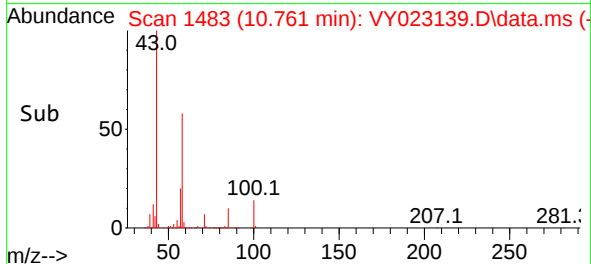
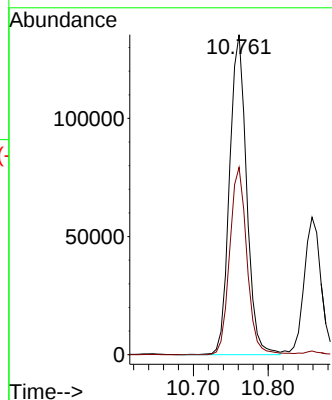
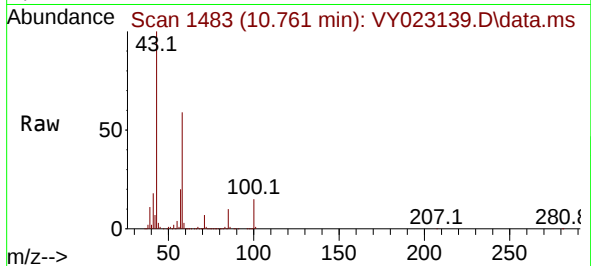
#59
2-Hexanone
Concen: 99.034 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 43 Resp: 21454
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5

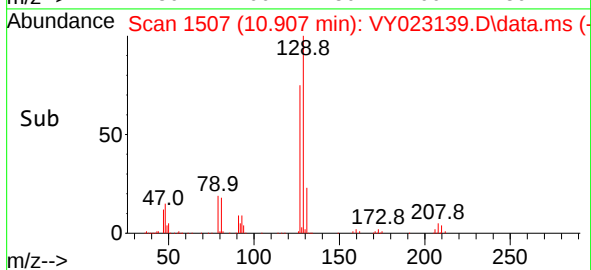
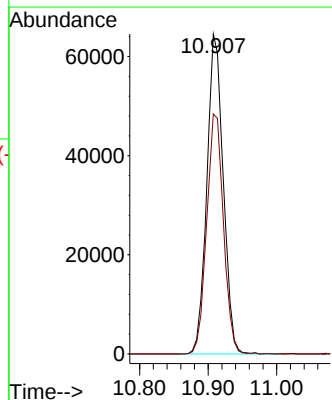
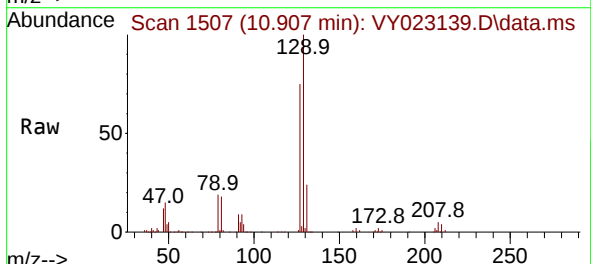
Manual Integrations
APPROVED

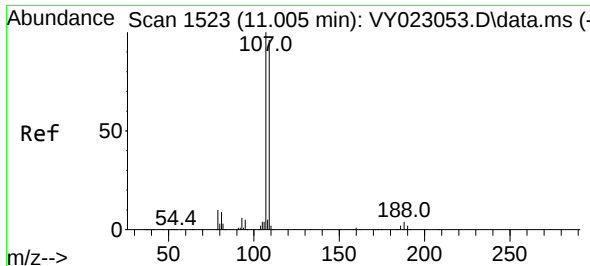
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 20.554 ug/l
RT: 10.907 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

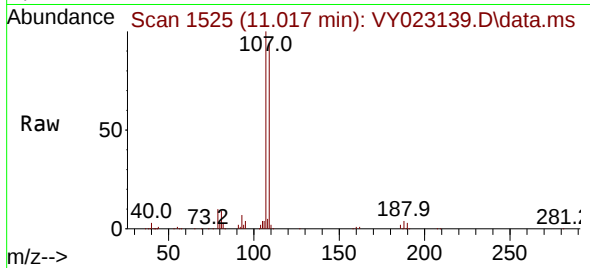
Tgt Ion:129 Resp: 107311
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.280 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

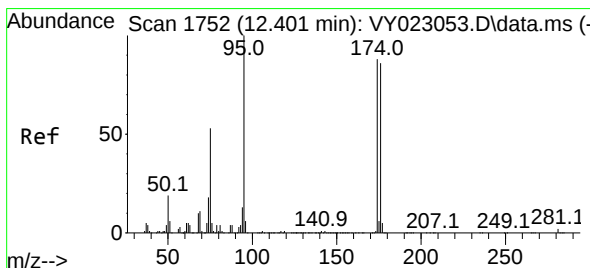
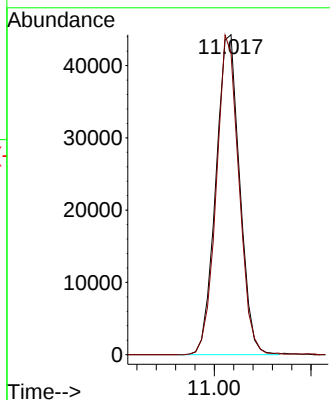
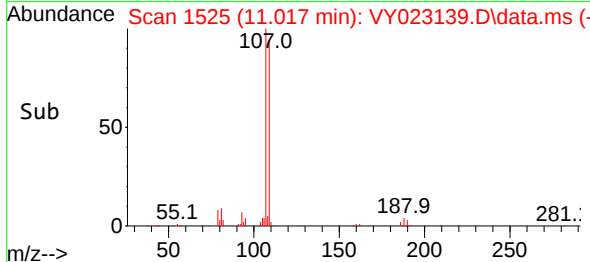
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:107 Resp: 75418
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

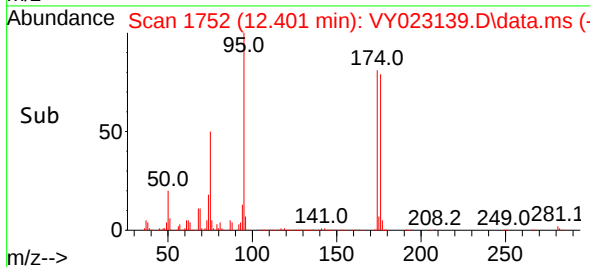
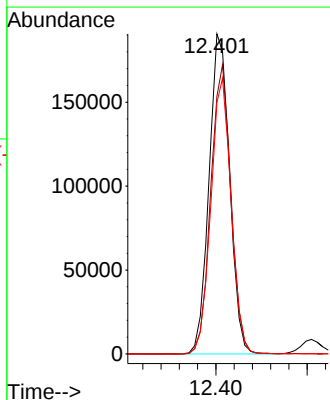
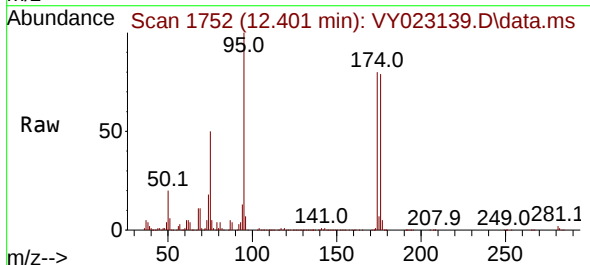
Manual Integrations
APPROVED

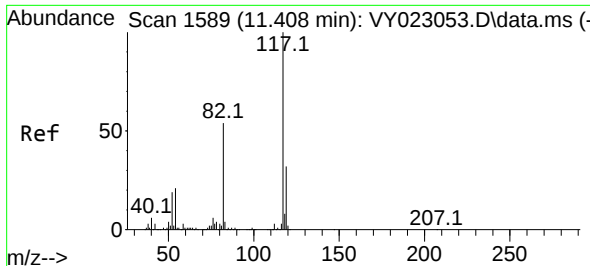
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#62
4-Bromofluorobenzene
Concen: 48.544 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

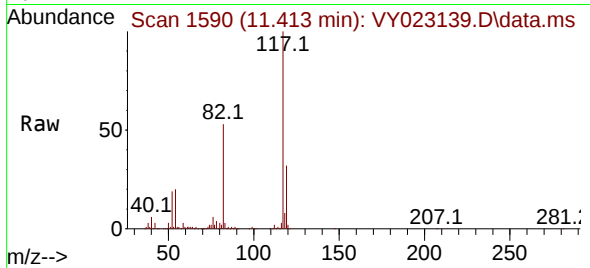
Tgt Ion: 95 Resp: 298119
Ion Ratio Lower Upper
95 100
174 88.9 0.0 171.6
176 85.0 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

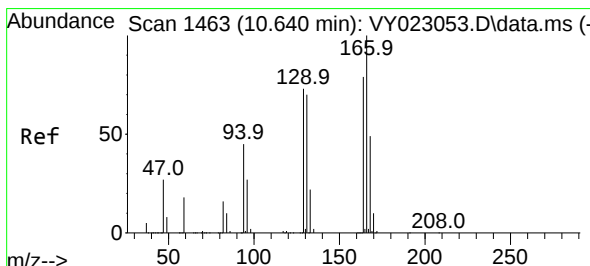
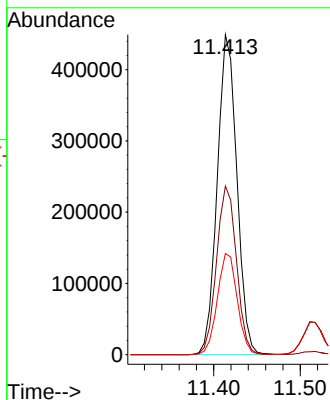
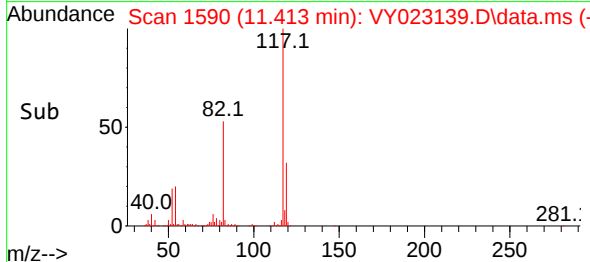
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:117 Resp: 707204
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.6 25.6 38.4

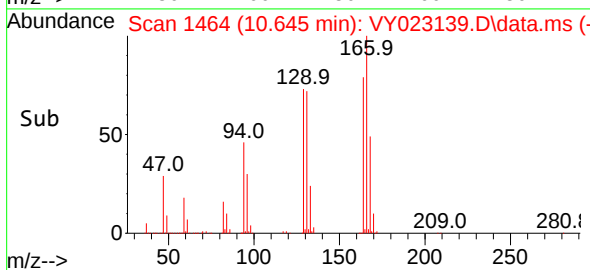
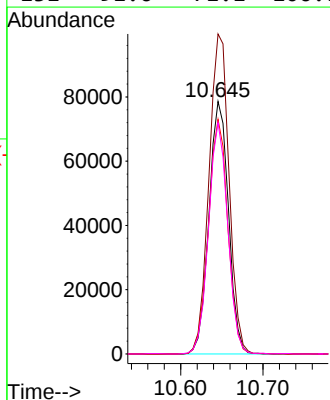
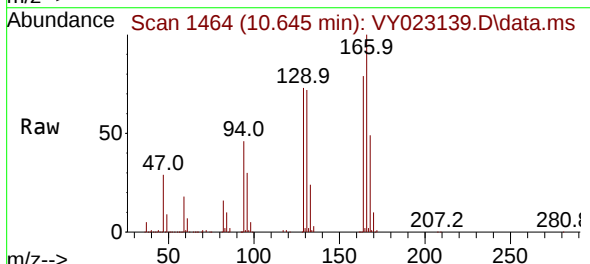
Manual Integrations
APPROVED

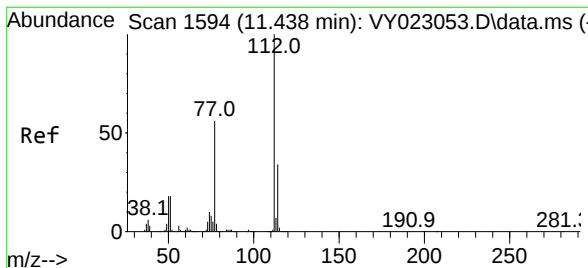
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 20.532 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

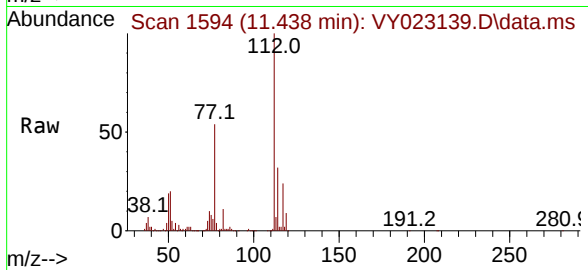
Tgt Ion:164 Resp: 129655
Ion Ratio Lower Upper
164 100
166 126.7 101.1 151.7
129 92.9 74.0 111.0
131 91.6 71.1 106.7





#65
Chlorobenzene
Concen: 21.346 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

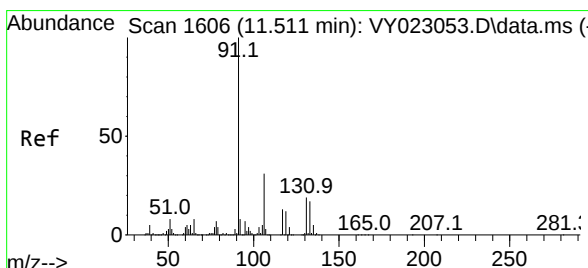
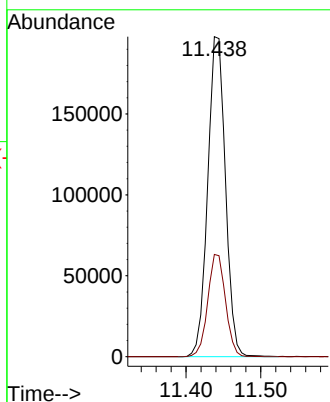
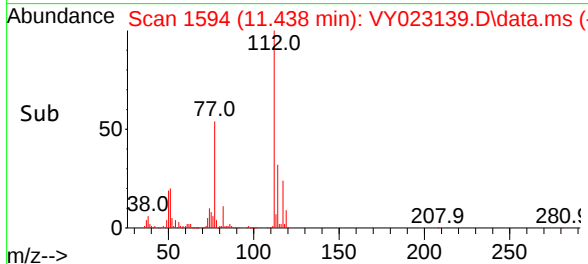
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



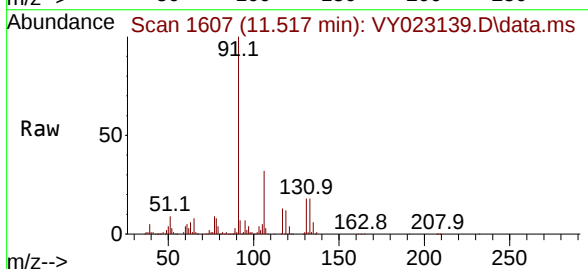
Tgt Ion:112 Resp: 325629
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.4

Manual Integrations
APPROVED

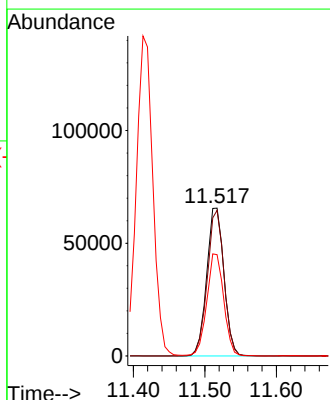
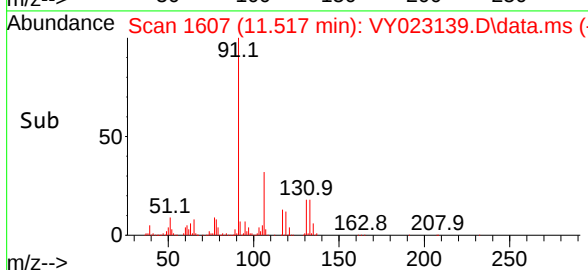
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

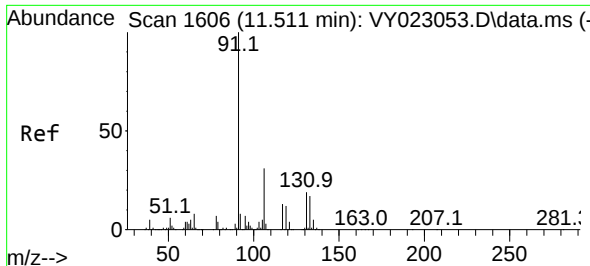


#66
1,1,1,2-Tetrachloroethane
Concen: 21.199 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



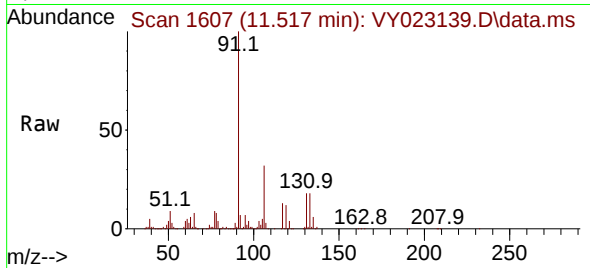
Tgt Ion:131 Resp: 109752
Ion Ratio Lower Upper
131 100
133 95.3 46.9 140.6
119 67.9 33.2 99.6





#67
Ethyl Benzene
Concen: 20.767 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

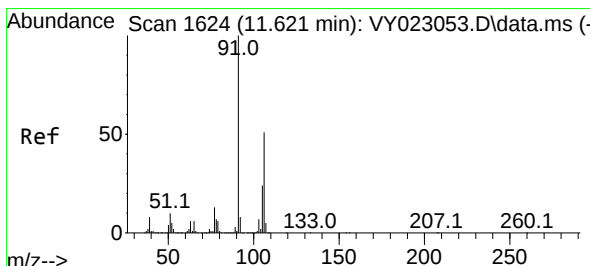
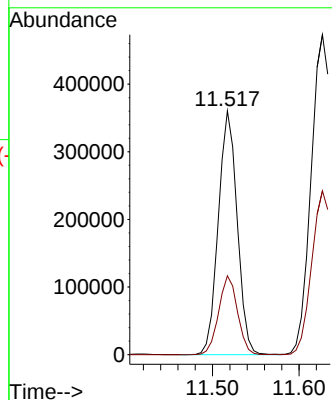
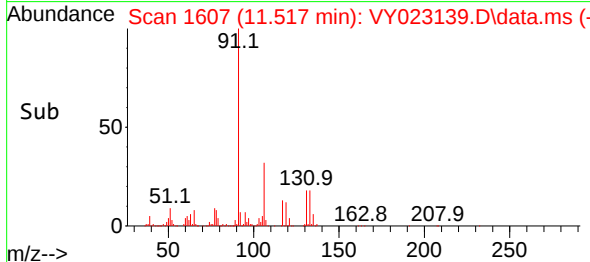
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



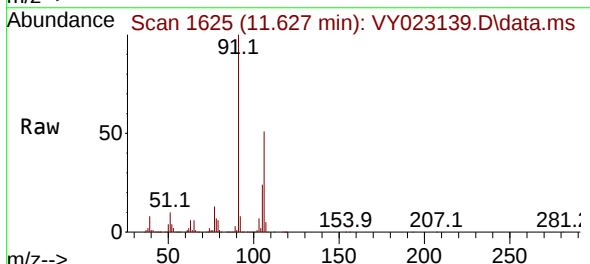
Tgt Ion: 91 Resp: 545170
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4

Manual Integrations
APPROVED

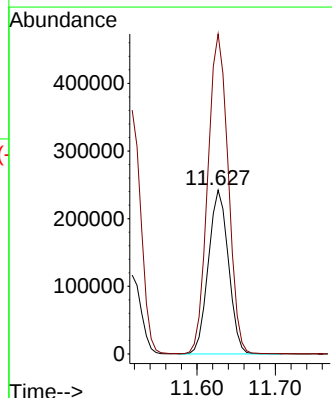
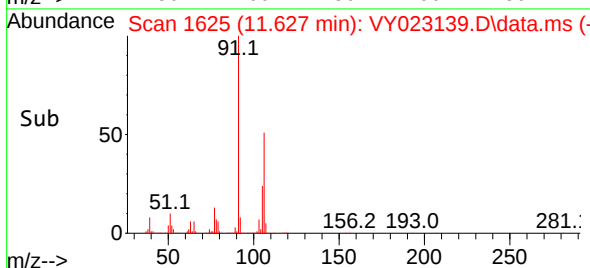
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

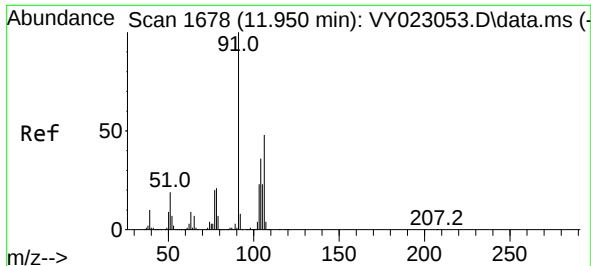


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion:106 Resp: 430120
Ion Ratio Lower Upper
106 100
91 198.8 158.6 238.0





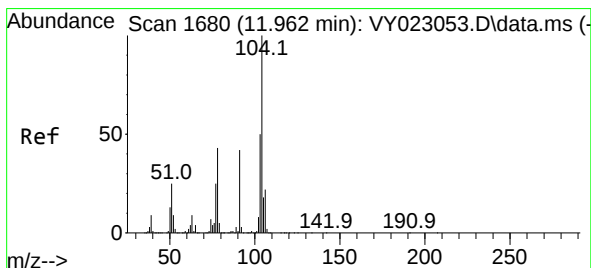
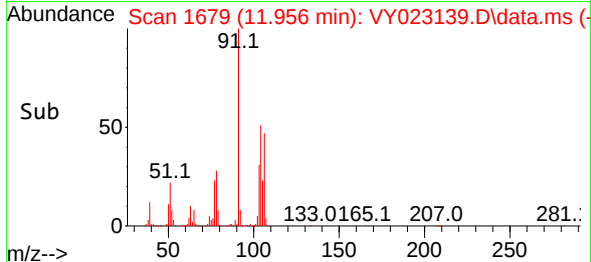
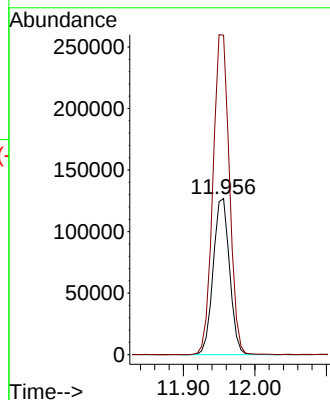
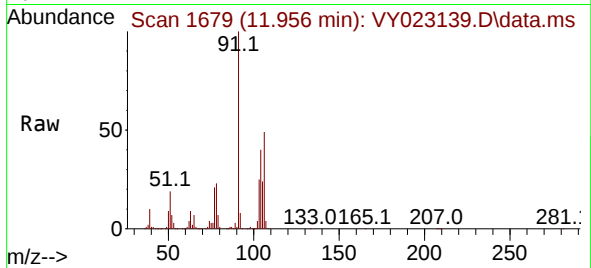
#69
o-Xylene
Concen: 21.020 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:106 Resp: 20184
Ion Ratio Lower Upper
106 100
91 206.0 103.2 309.4

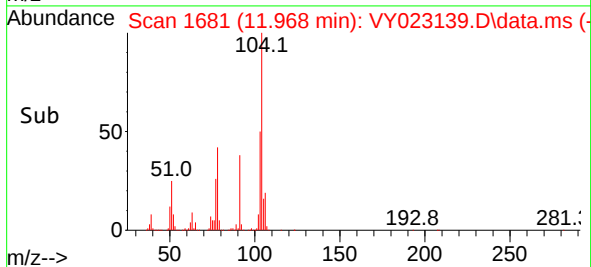
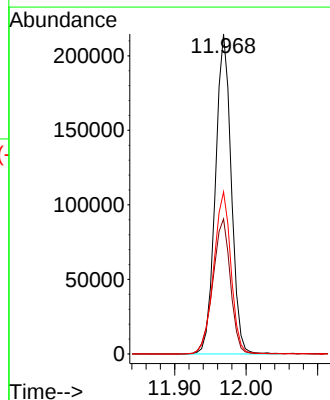
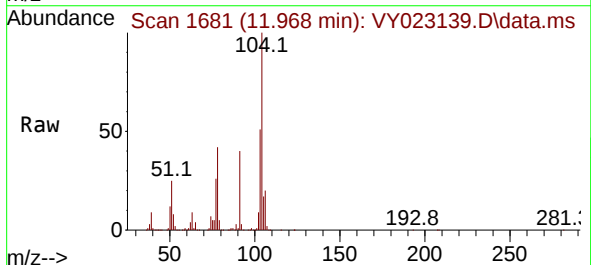
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 21.028 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion:104 Resp: 330216
Ion Ratio Lower Upper
104 100
78 46.9 38.5 57.7
103 55.0 43.7 65.5





#71

Bromoform

Concen: 20.525 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

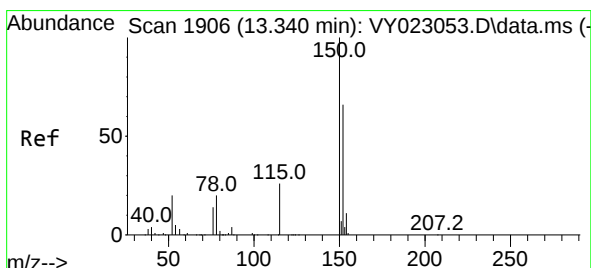
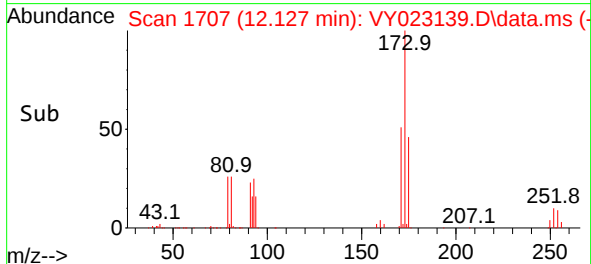
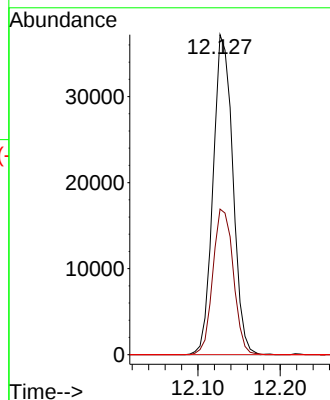
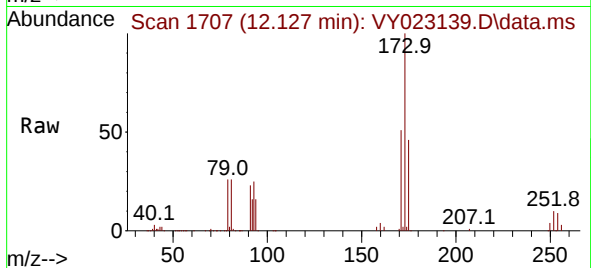
Tgt Ion:173 Resp: 6210
 Ion Ratio Lower Upper
 173 100
 175 47.2 23.9 71.7
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

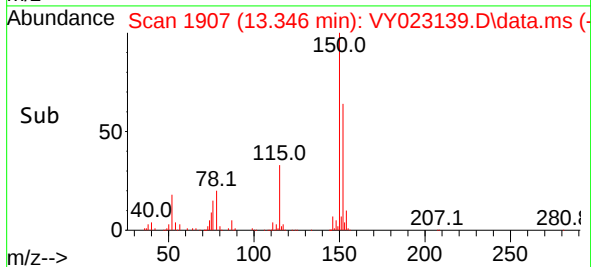
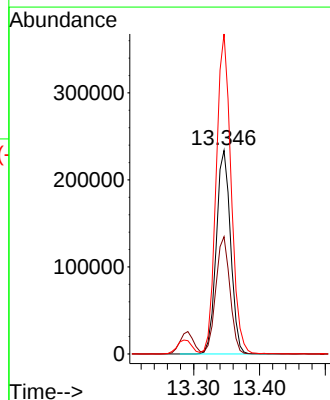
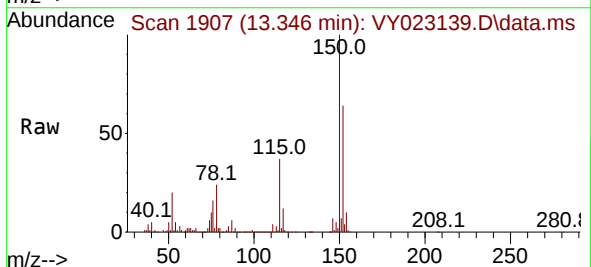
RT: 13.346 min Scan# 1907

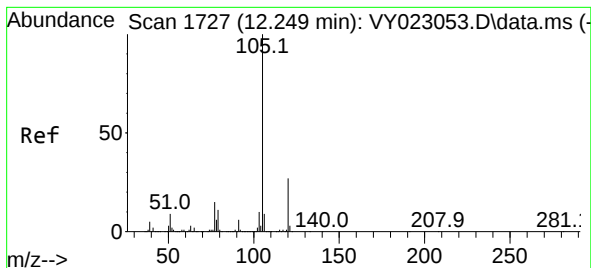
Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion:152 Resp: 352720
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.6
 150 164.2 0.0 348.0





#73

Isopropylbenzene

Concen: 21.185 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:105 Resp: 52738

Ion Ratio Lower Upper

105 100

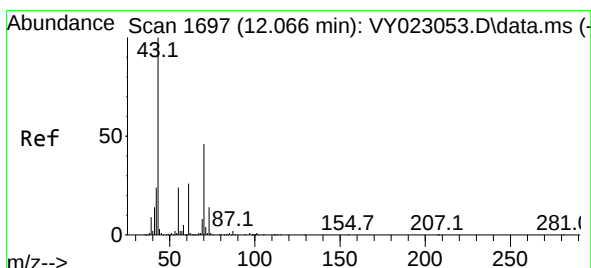
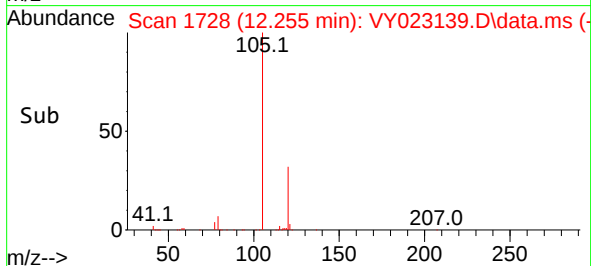
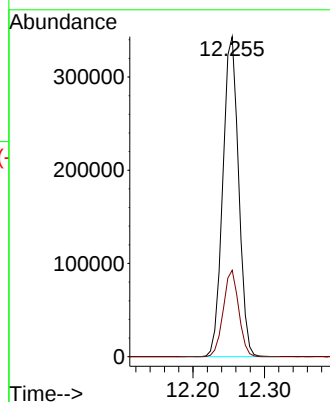
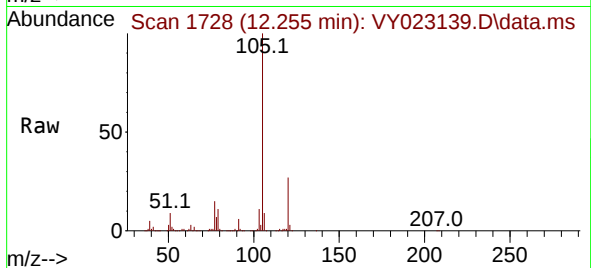
120 26.4 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#74

N-ethyl acetate

Concen: 18.632 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion: 43 Resp: 98366

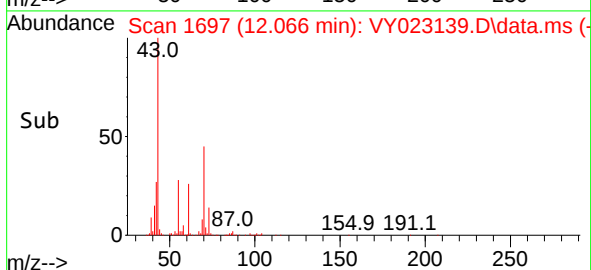
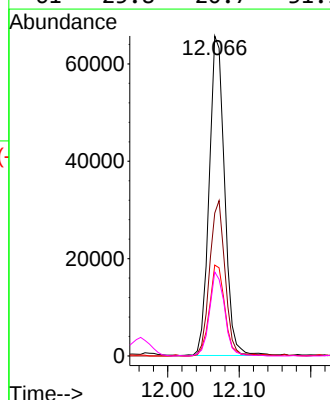
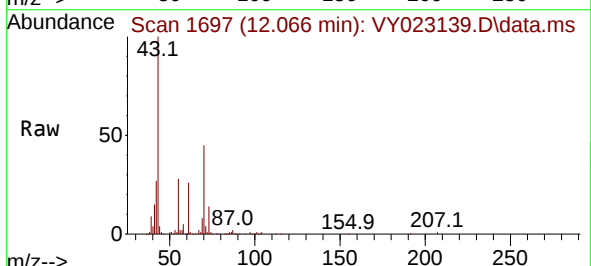
Ion Ratio Lower Upper

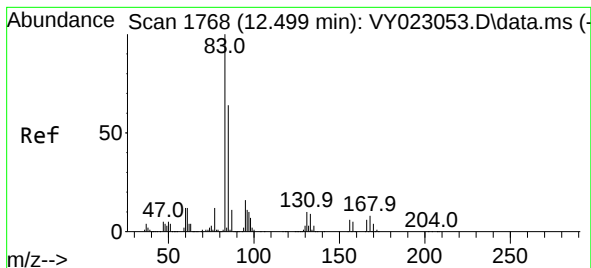
43 100

70 48.9 37.5 56.3

55 28.7 20.7 31.1

61 25.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.694 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

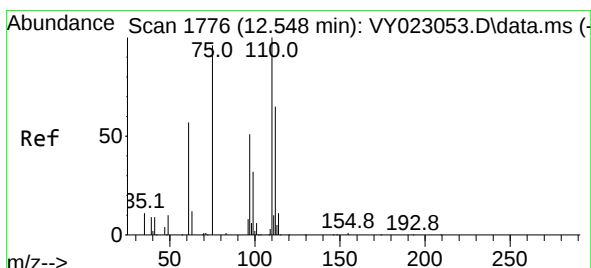
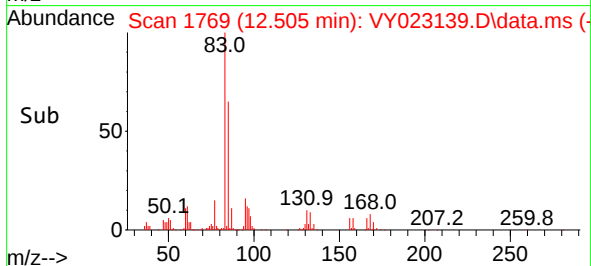
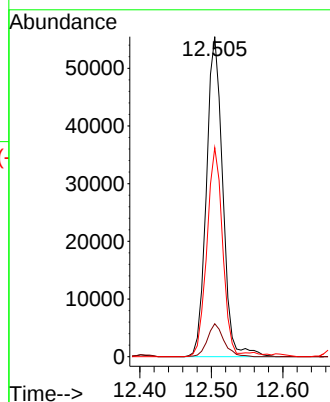
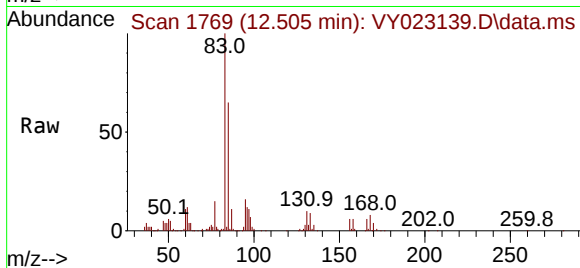
Tgt Ion: 83	Resp: 87962
Ion Ratio	Lower Upper
83 100	
131 10.4	5.1 15.3
85 62.7	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#76

1,2,3-Trichloropropane

Concen: 18.095 ug/l m

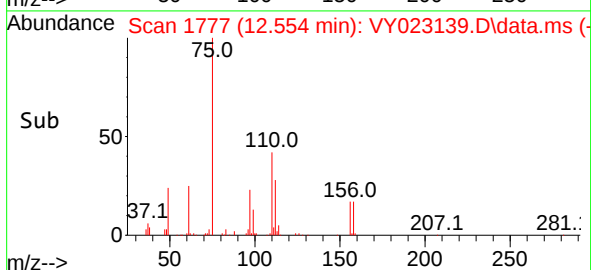
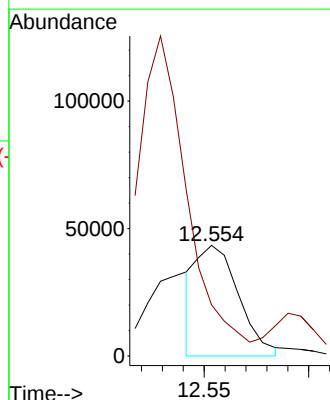
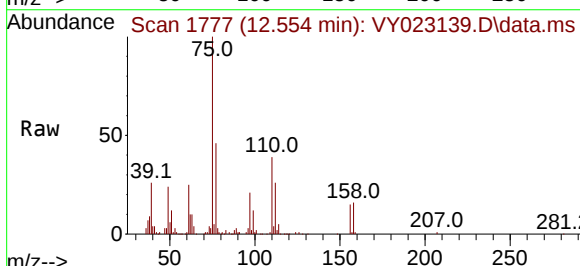
RT: 12.554 min Scan# 1777

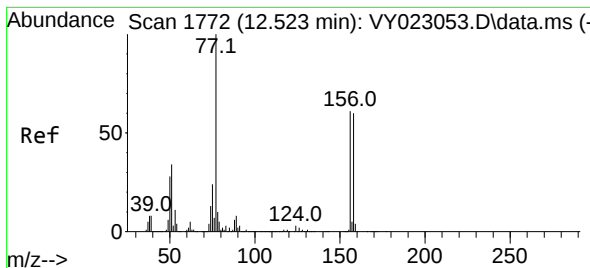
Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion: 75	Resp: 61598
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 20.592 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:156 Resp: 122298

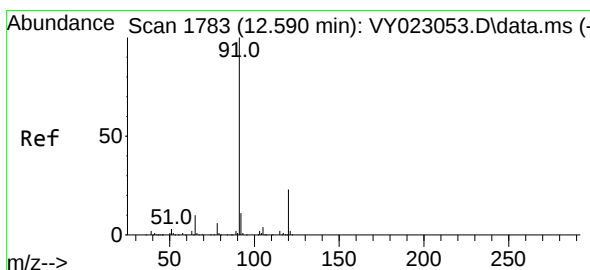
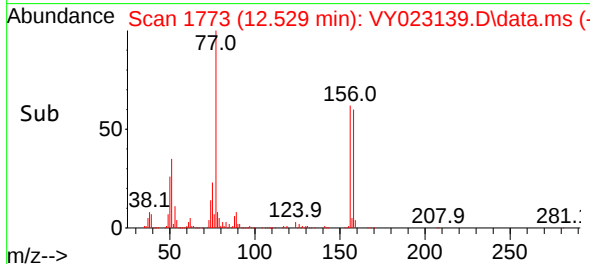
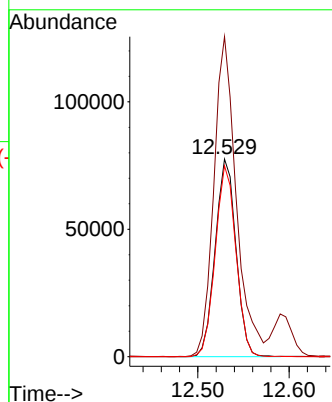
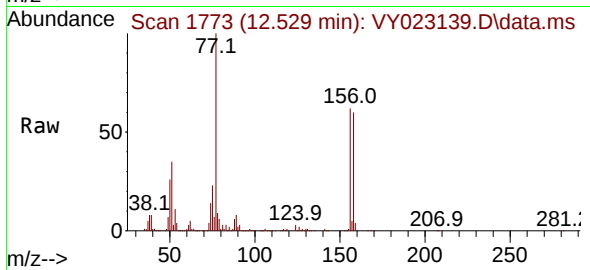
Ion	Ratio	Lower	Upper
156	100		
77	174.9	88.1	264.4
158	96.4	48.0	144.0

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#78

n-propylbenzene

Concen: 21.255 ug/l

RT: 12.596 min Scan# 1784

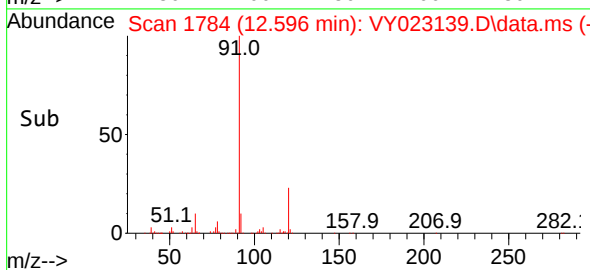
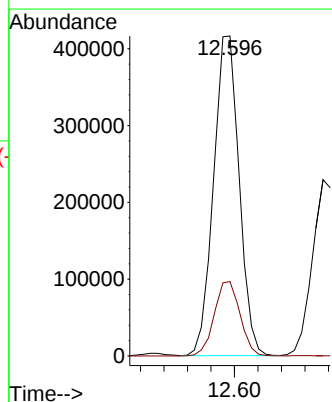
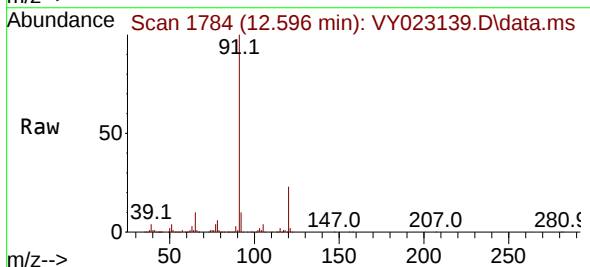
Delta R.T. 0.006 min

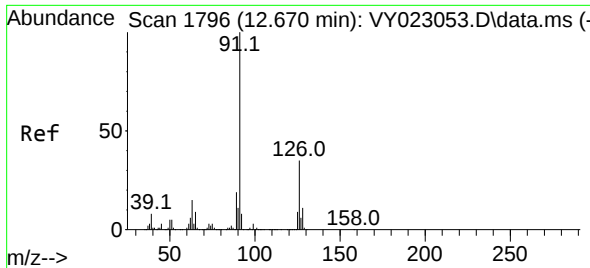
Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion: 91 Resp: 629976

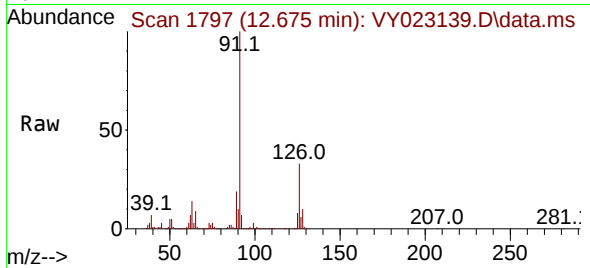
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.5





#79
2-Chlorotoluene
Concen: 20.990 ug/l
RT: 12.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

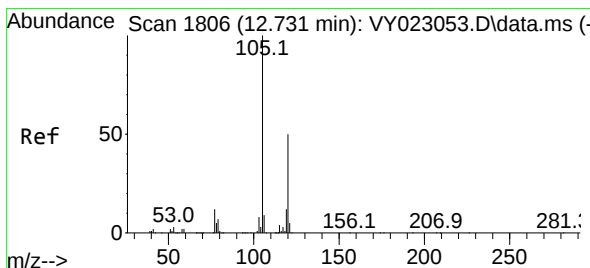
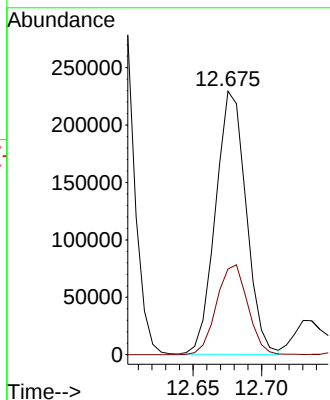
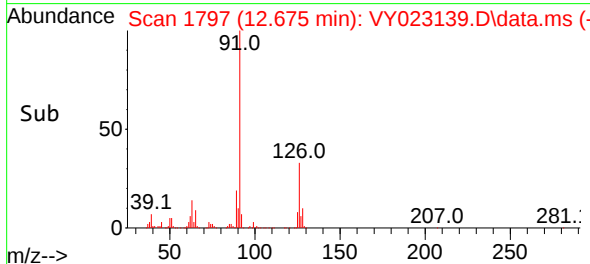
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



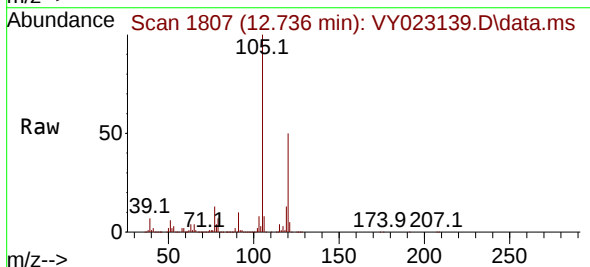
Tgt Ion: 91 Resp: 35644
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3

Manual Integrations
APPROVED

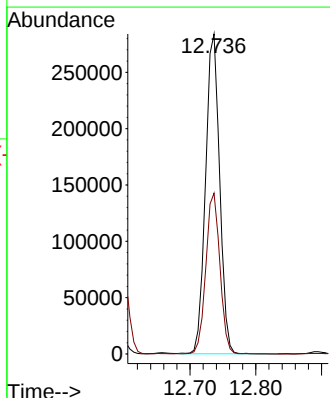
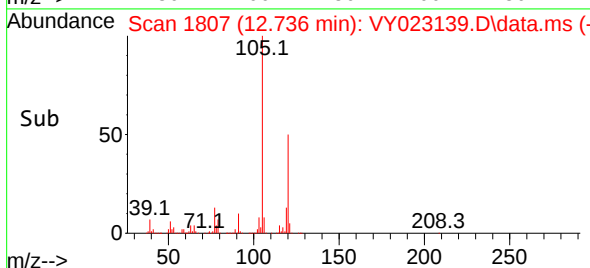
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

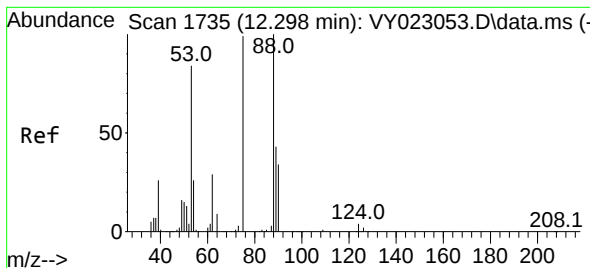


#80
1,3,5-Trimethylbenzene
Concen: 21.022 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion:105 Resp: 422945
Ion Ratio Lower Upper
105 100
120 50.1 24.8 74.4





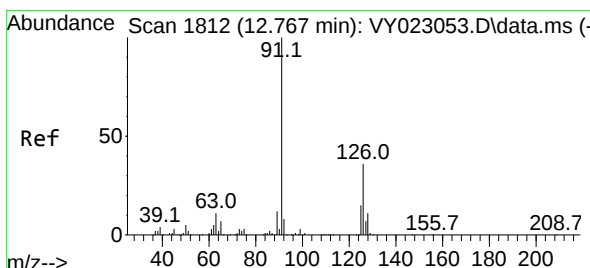
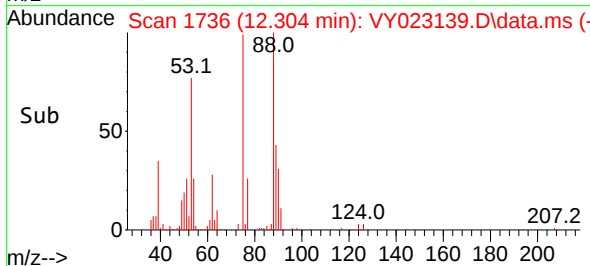
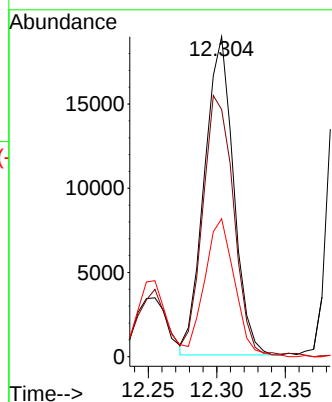
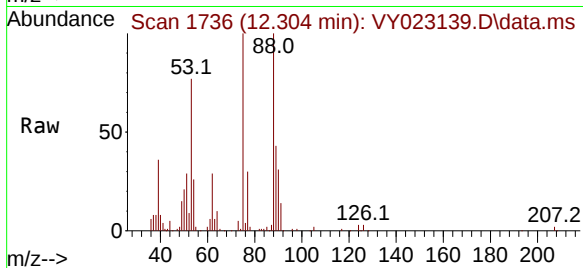
#81
trans-1,4-Dichloro-2-butene
Concen: 19.838 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 75 Resp: 2789
Ion Ratio Lower Upper
75 100
53 88.5 70.8 106.2
89 44.3 38.1 57.1

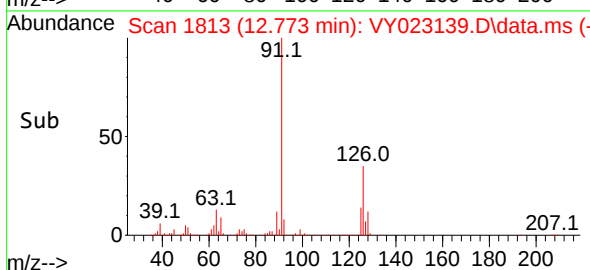
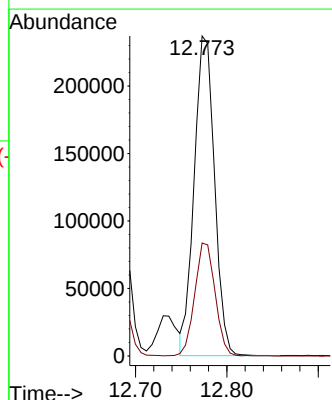
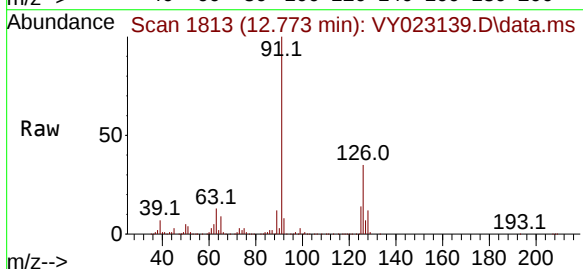
Manual Integrations
APPROVED

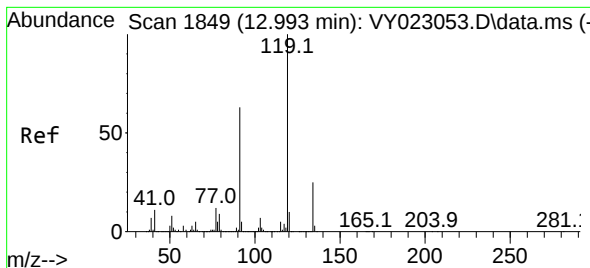
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#82
4-Chlorotoluene
Concen: 20.803 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

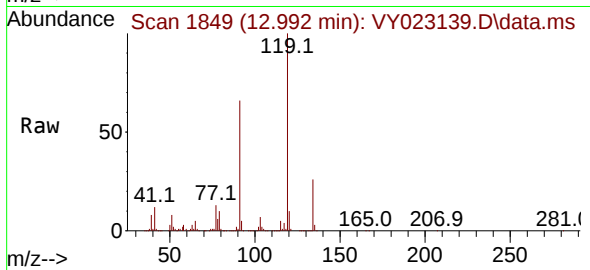
Tgt Ion: 91 Resp: 366476
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0





#83
 tert-Butylbenzene
 Concen: 21.122 ug/l
 RT: 12.992 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

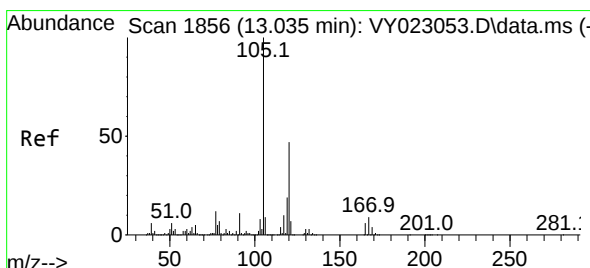
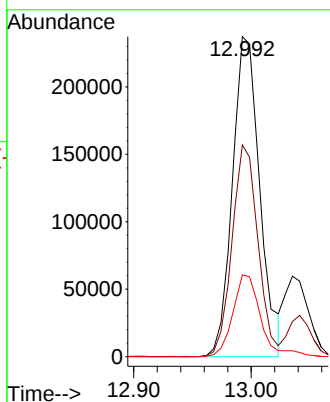
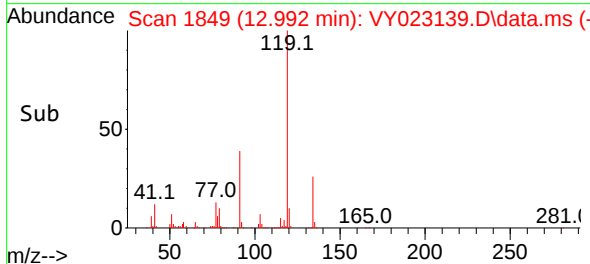
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



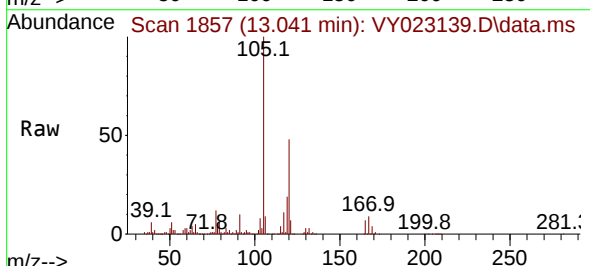
Tgt Ion:119 Resp: 383811
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.6 94.8
 134 26.1 12.9 38.7

Manual Integrations
 APPROVED

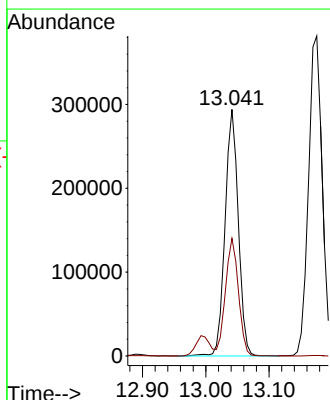
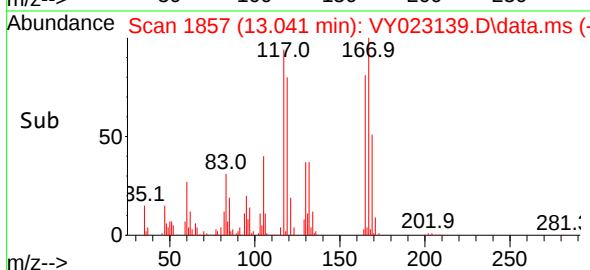
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

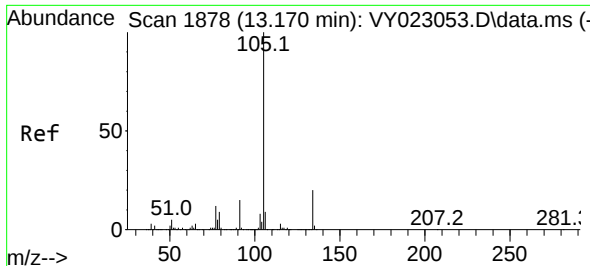


#84
 1,2,4-Trimethylbenzene
 Concen: 21.298 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19



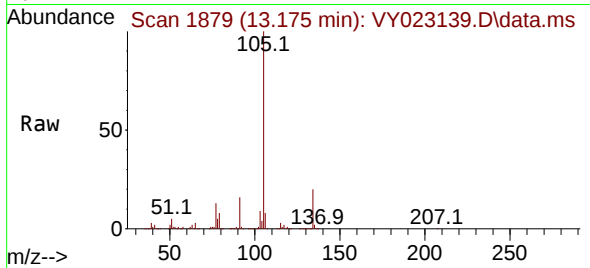
Tgt Ion:105 Resp: 426567
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 21.463 ug/l
 RT: 13.175 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

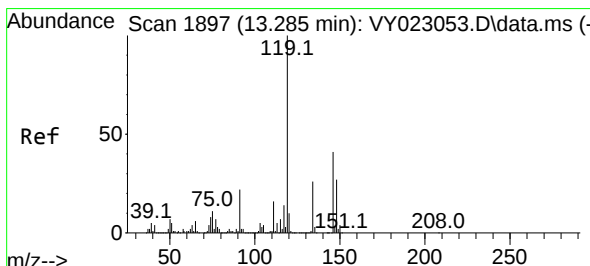
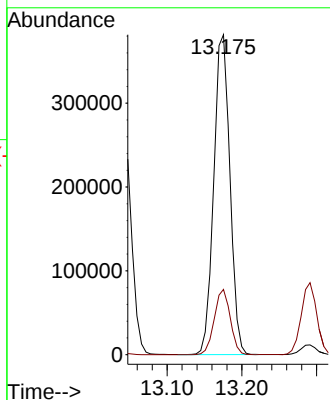
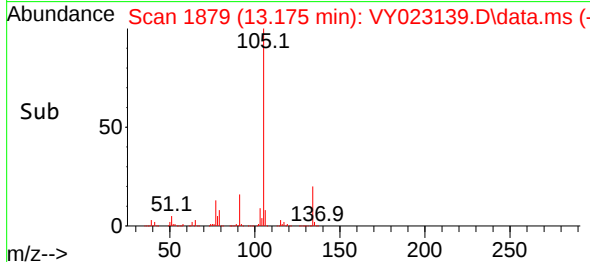
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



Tgt Ion:105 Resp: 57291
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

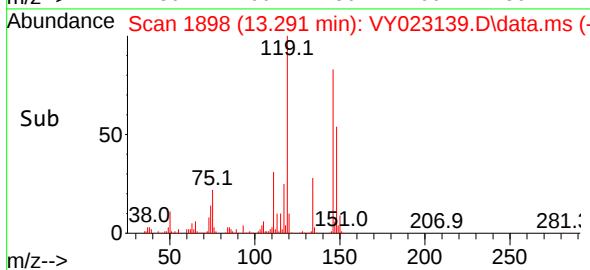
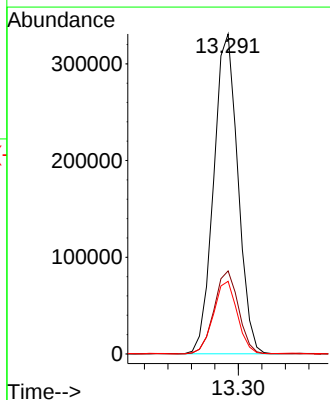
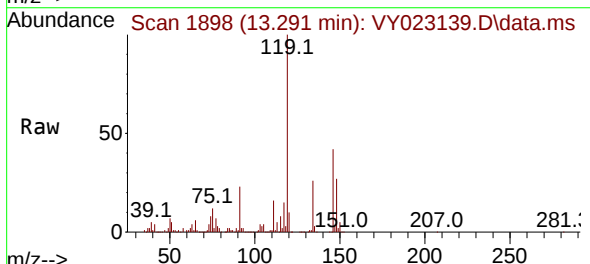
Manual Integrations
 APPROVED

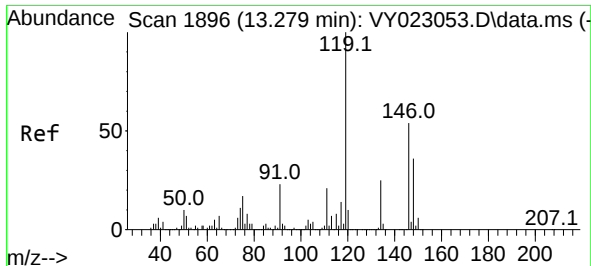
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#86
 p-Isopropyltoluene
 Concen: 21.375 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023139.D
 Acq: 19 Aug 2025 10:19

Tgt Ion:119 Resp: 473600
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 22.3 11.3 33.8





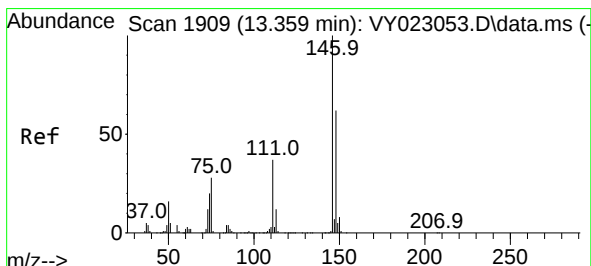
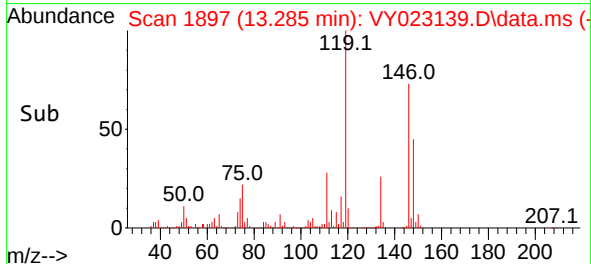
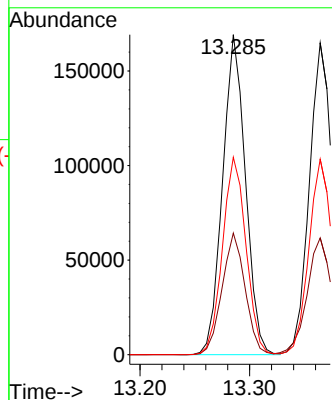
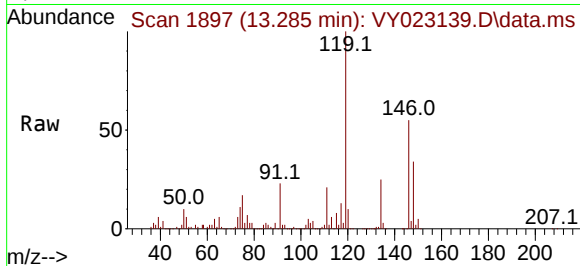
#87
1,3-Dichlorobenzene
Concen: 20.938 ug/l
RT: 13.285 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:146 Resp: 245224
Ion Ratio Lower Upper
146 100
111 38.4 19.6 58.7
148 63.6 32.5 97.5

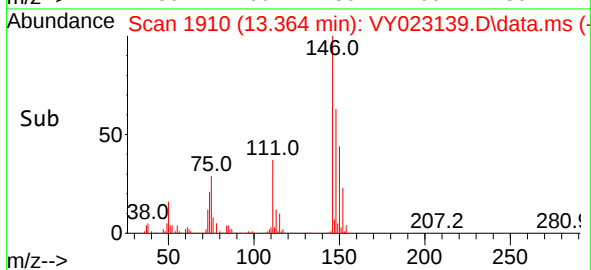
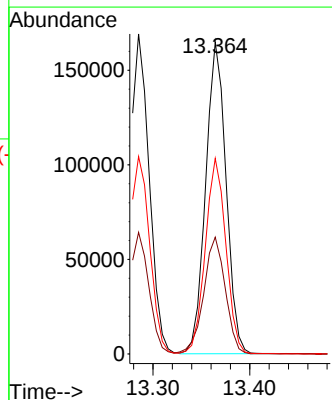
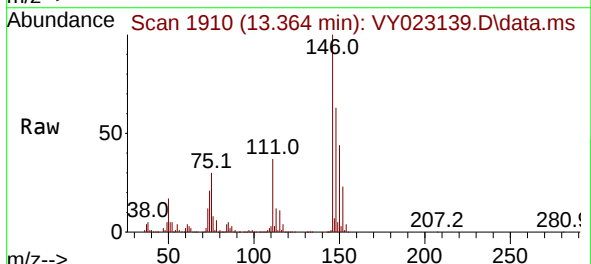
Manual Integrations
APPROVED

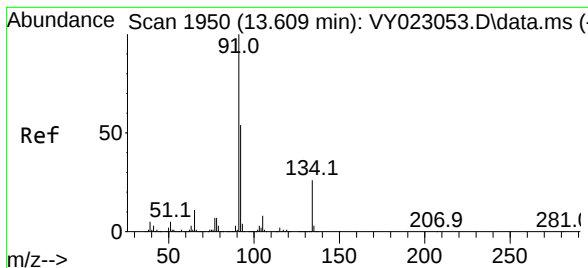
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#88
1,4-Dichlorobenzene
Concen: 20.829 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

Tgt Ion:146 Resp: 241992
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 20.989 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

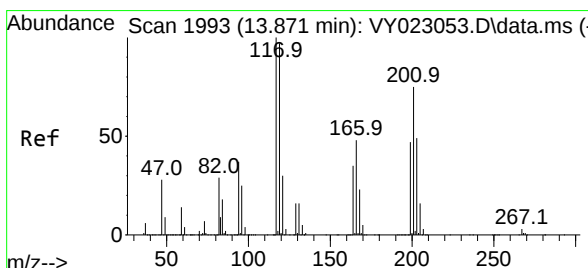
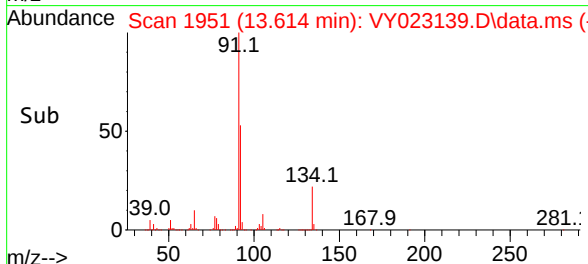
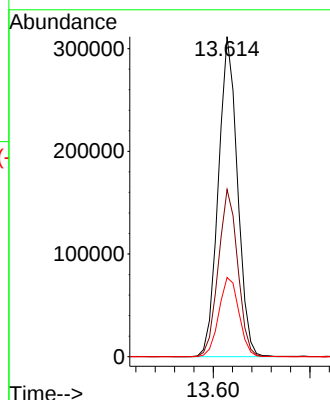
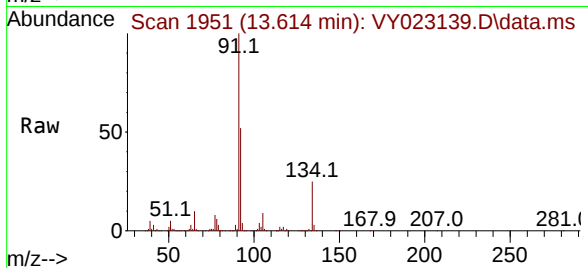
Tgt Ion: 91 Resp: 427124
 Ion Ratio Lower Upper
 91 100
 92 53.0 26.9 80.7
 134 26.0 13.2 39.5

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#90

Hexachloroethane

Concen: 21.595 ug/l

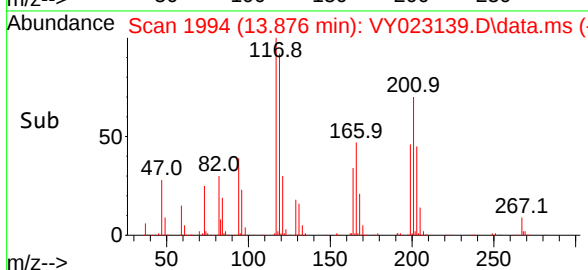
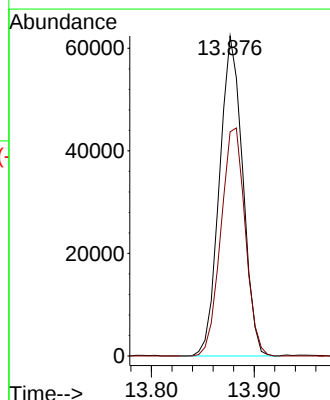
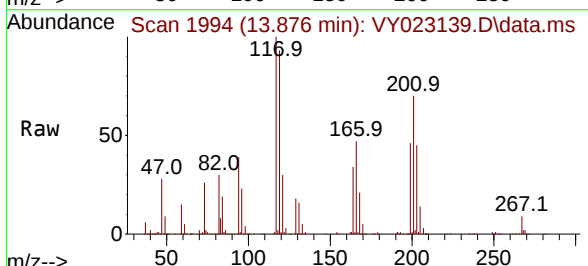
RT: 13.876 min Scan# 1994

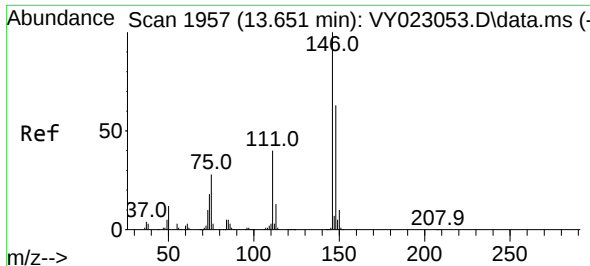
Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

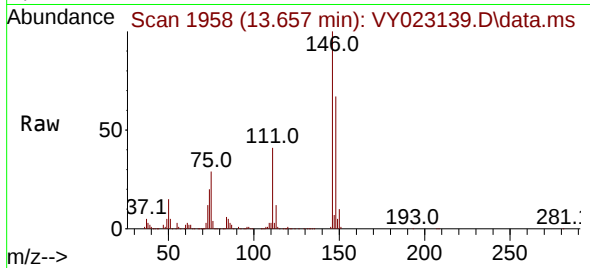
Tgt Ion:117 Resp: 97949
 Ion Ratio Lower Upper
 117 100
 201 74.7 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 20.524 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19

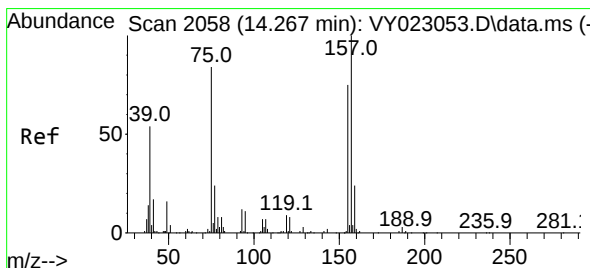
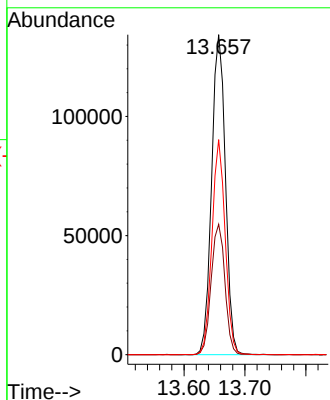
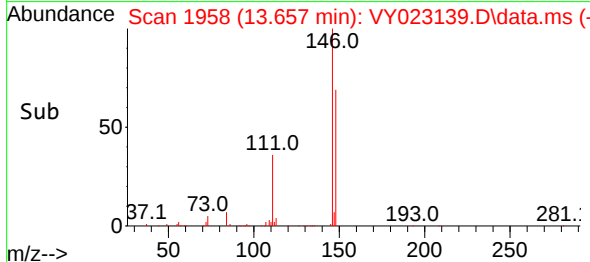
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



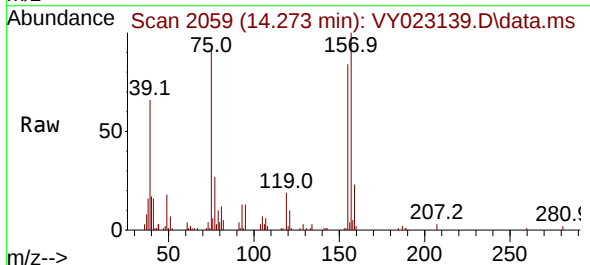
Tgt Ion:146 Resp: 210810
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 64.5 32.2 96.6

Manual Integrations
APPROVED

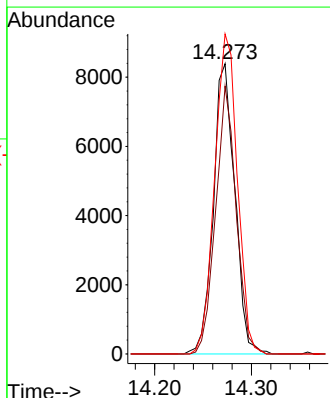
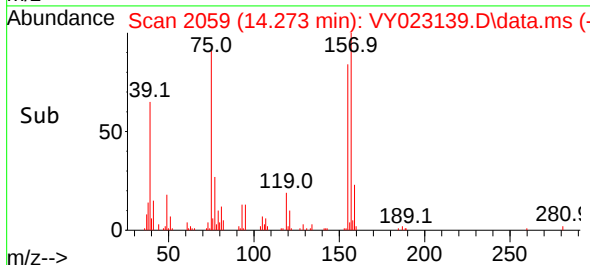
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.499 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023139.D
Acq: 19 Aug 2025 10:19



Tgt Ion: 75 Resp: 12905
Ion Ratio Lower Upper
75 100
155 88.5 43.9 131.6
157 116.6 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.157 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:180 Resp: 122439

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

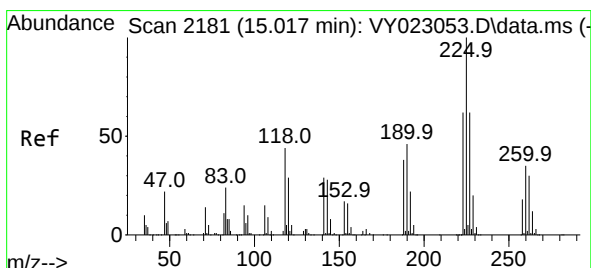
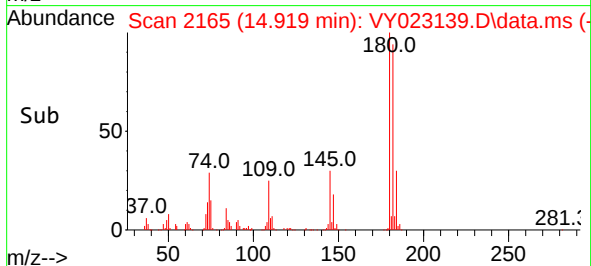
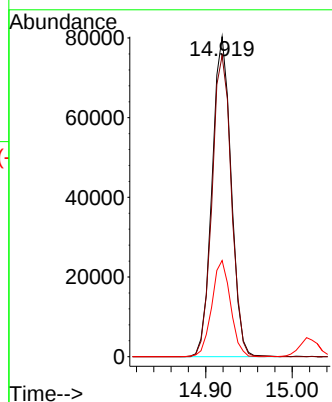
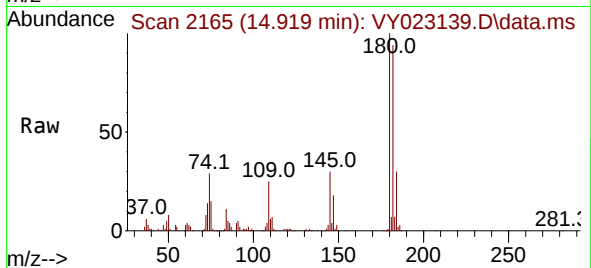
145 29.7 14.4 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#94

Hexachlorobutadiene

Concen: 21.149 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

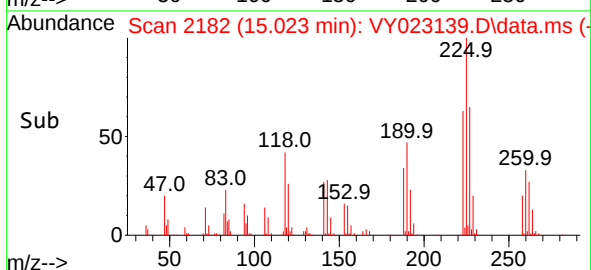
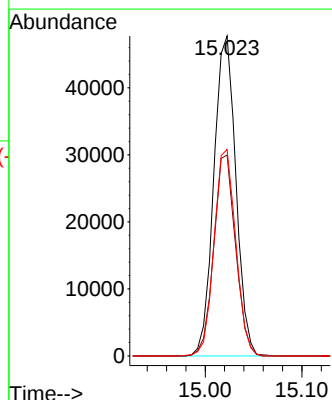
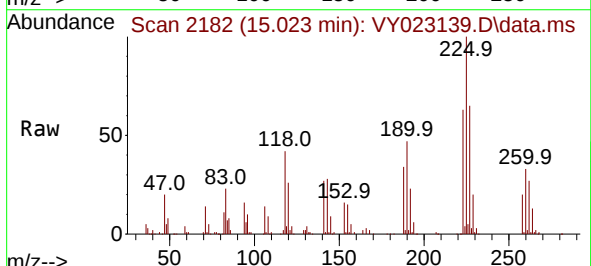
Tgt Ion:225 Resp: 75487

Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

227 63.6 31.5 94.5





#95

Naphthalene

Concen: 19.124 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:128 Resp: 198080

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

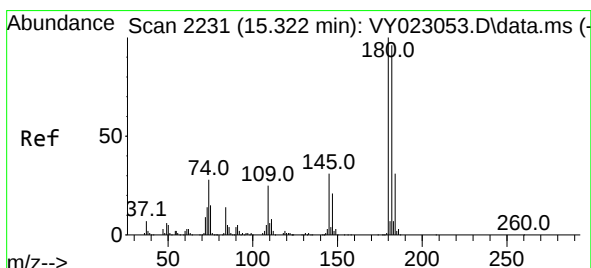
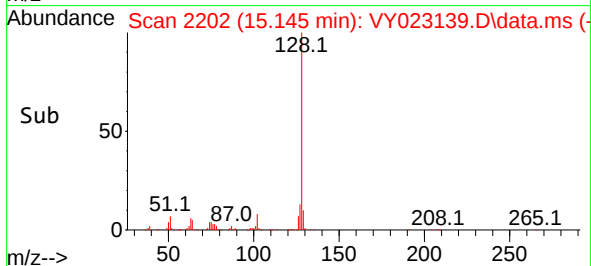
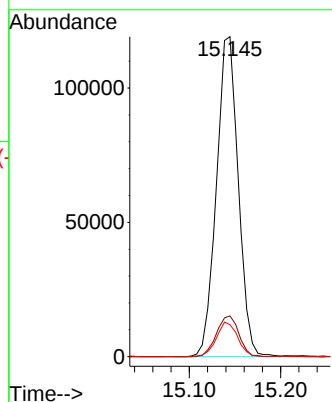
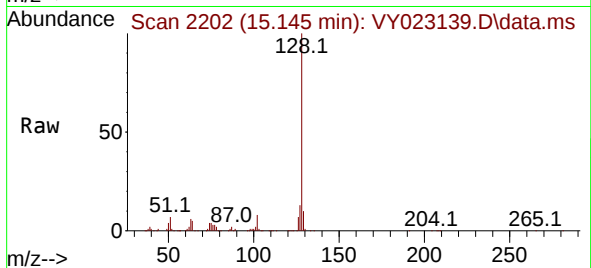
129 10.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.115 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023139.D

Acq: 19 Aug 2025 10:19

Tgt Ion:180 Resp: 105286

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.9 15.9 47.7

