

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023847.D
 Acq On : 01 Dec 2025 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:19:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	447738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	729750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	652343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	335536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	210153	48.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.400%		
35) Dibromofluoromethane	7.640	113	207697	48.045	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.100%		
50) Toluene-d8	10.109	98	829442	48.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.408	95	274629	48.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	131256	38.899	ug/l	97
3) Chloromethane	2.074	50	210764	40.829	ug/l	99
4) Vinyl Chloride	2.214	62	235867	42.238	ug/l	98
5) Bromomethane	2.604	94	171916	43.641	ug/l	97
6) Chloroethane	2.745	64	167623	46.059	ug/l	100
7) Trichlorofluoromethane	3.068	101	325896	43.166	ug/l	98
8) Diethyl Ether	3.458	74	107739	45.309	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	199137	45.193	ug/l	99
10) Methyl Iodide	4.013	142	204322	42.316	ug/l	100
11) Tert butyl alcohol	4.860	59	57331	160.094	ug/l	97
12) 1,1-Dichloroethene	3.799	96	193285	44.588	ug/l	98
13) Acrolein	3.659	56	107810	209.421	ug/l	99
14) Allyl chloride	4.391	41	328947	47.899	ug/l	98
15) Acrylonitrile	5.061	53	234863	228.846	ug/l	99
16) Acetone	3.872	43	232802	185.313	ug/l	97
17) Carbon Disulfide	4.116	76	531216	37.971	ug/l	99
18) Methyl Acetate	4.391	43	120273	49.575	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	515842	46.564	ug/l	98
20) Methylene Chloride	4.622	84	229951	43.297	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	220154	45.869	ug/l	98
22) Diisopropyl ether	6.024	45	771367	51.946	ug/l	98
23) Vinyl Acetate	5.964	43	1929686	233.689	ug/l	99
24) 1,1-Dichloroethane	5.921	63	433358	49.609	ug/l	98
25) 2-Butanone	6.896	43	305689	199.389	ug/l	100
26) 2,2-Dichloropropane	6.890	77	326551	42.173	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	270546	48.540	ug/l	99
28) Bromochloromethane	7.250	49	178541	49.135	ug/l	97
29) Tetrahydrofuran	7.268	42	192111	224.665	ug/l	97
30) Chloroform	7.427	83	441898	50.308	ug/l	100
31) Cyclohexane	7.707	56	349945	41.745	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	377245	48.383	ug/l	99
36) 1,1-Dichloropropene	7.841	75	297252	44.847	ug/l	100
37) Ethyl Acetate	6.988	43	134752	43.222	ug/l	99
38) Carbon Tetrachloride	7.823	117	331392	45.549	ug/l	99
39) Methylcyclohexane	9.109	83	369959	42.263	ug/l	99
40) Benzene	8.085	78	962435	47.184	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	71959	46.232	ug/l	96
42) 1,2-Dichloroethane	8.158	62	249714	47.488	ug/l	99
43) Isopropyl Acetate	8.201	43	261284	44.846	ug/l	99
44) Trichloroethene	8.865	130	248870	47.554	ug/l	97
45) 1,2-Dichloropropane	9.146	63	236487	49.175	ug/l	98
46) Dibromomethane	9.231	93	121543	46.576	ug/l	99
47) Bromodichloromethane	9.426	83	335239	49.156	ug/l	98
48) Methyl methacrylate	9.225	41	122803	44.768	ug/l	96
49) 1,4-Dioxane	9.231	88	24745	846.099	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	689273	224.731	ug/l	98
52) Toluene	10.170	92	608980	48.160	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	288852	46.237	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	349871	46.787	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	166917	47.750	ug/l	99
56) Ethyl methacrylate	10.444	69	211727	46.128	ug/l	98
57) 1,3-Dichloropropane	10.719	76	291822	47.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	524954	238.074	ug/l	100
59) 2-Hexanone	10.761	43	461630	203.536	ug/l	99
60) Dibromochloromethane	10.914	129	225415	48.054	ug/l	98
61) 1,2-Dibromoethane	11.018	107	149535	46.085	ug/l	98
64) Tetrachloroethene	10.652	164	319597	51.644	ug/l	97
65) Chlorobenzene	11.444	112	665068	46.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	231195	47.526	ug/l	99
67) Ethyl Benzene	11.517	91	1160113	47.432	ug/l	100
68) m/p-Xylenes	11.627	106	899744	95.464	ug/l	99
69) o-Xylene	11.956	106	422198	47.782	ug/l	99
70) Styrene	11.969	104	705730	48.485	ug/l	99
71) Bromoform	12.133	173	127435	44.910	ug/l	100
73) Isopropylbenzene	12.255	105	1118434	46.966	ug/l	100
74) N-amyl acetate	12.072	43	223669	42.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	152745	38.959	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	138344m	47.413	ug/l	
77) Bromobenzene	12.536	156	253818	45.315	ug/l	99
78) n-propylbenzene	12.596	91	1335472	46.579	ug/l	99
79) 2-Chlorotoluene	12.682	91	765194	46.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	913368	46.983	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	57217	41.448	ug/l	97
82) 4-Chlorotoluene	12.779	91	787868	46.491	ug/l	100
83) tert-Butylbenzene	12.999	119	806306	46.169	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	911928	46.938	ug/l	100
85) sec-Butylbenzene	13.176	105	1207562	46.842	ug/l	99
86) p-Isopropyltoluene	13.291	119	999259	46.374	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	508226	45.273	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	496543	44.314	ug/l	100
89) n-Butylbenzene	13.621	91	890707	45.082	ug/l	99
90) Hexachloroethane	13.883	117	209699	46.319	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	447558	45.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25925	39.504	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	244258	41.732	ug/l	98
94) Hexachlorobutadiene	15.023	225	154861	42.485	ug/l	99
95) Naphthalene	15.145	128	408305	41.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	211509	42.430	ug/l	99

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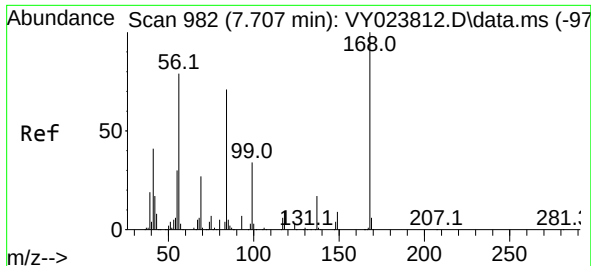
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Response via : Initial Calibration

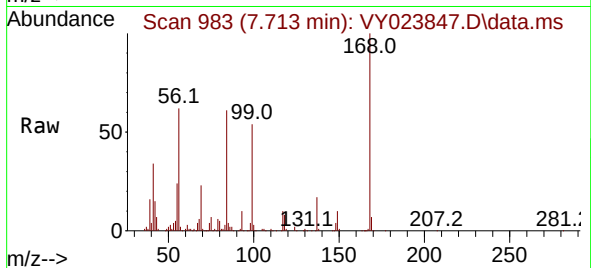
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 90
Delta R.T. 0.006 min
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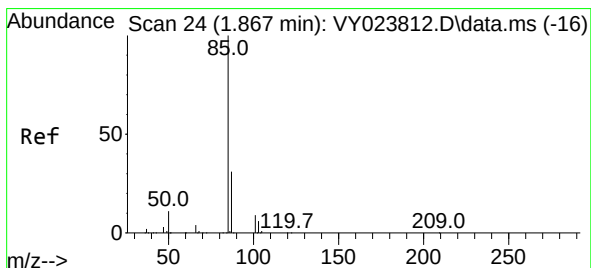
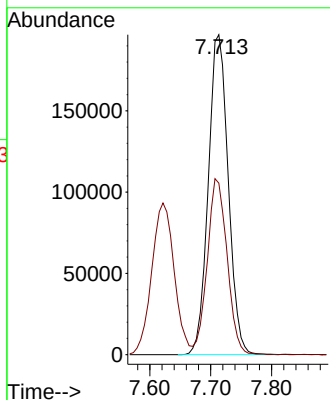
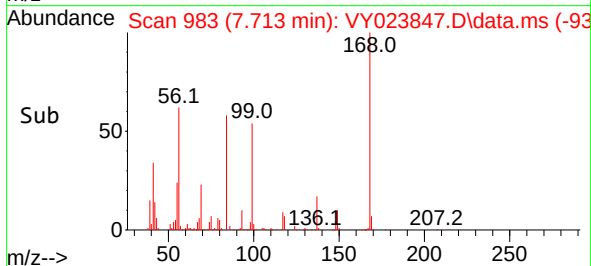
Instrument :
MSVOA_Y
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VSTDCCC050EC



Tgt Ion:168 Resp: 447738
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0

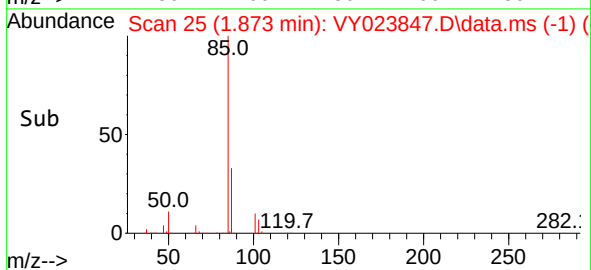
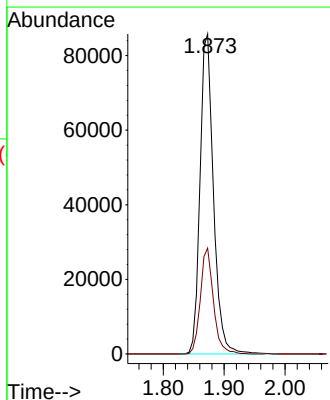
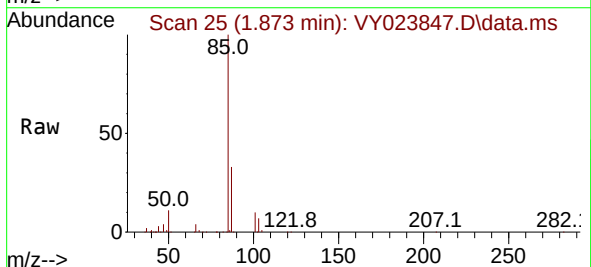
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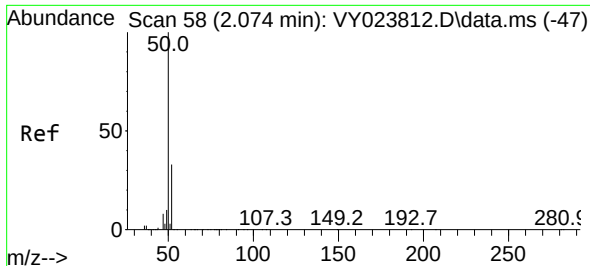
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#2
Dichlorodifluoromethane
Concen: 38.899 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

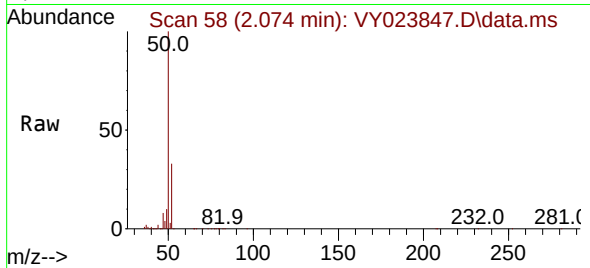
Tgt Ion: 85 Resp: 131256
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 40.829 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

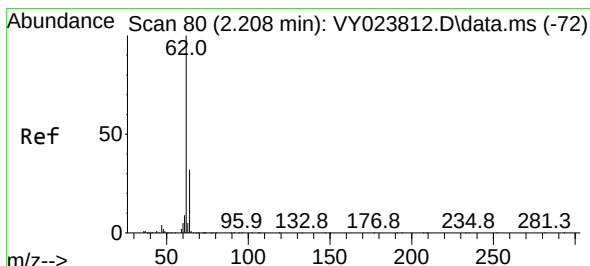
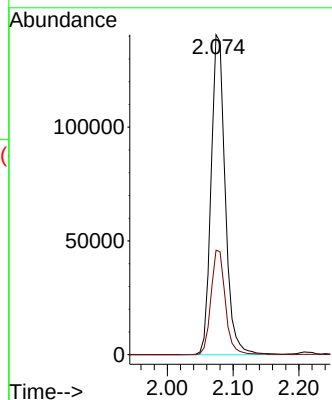
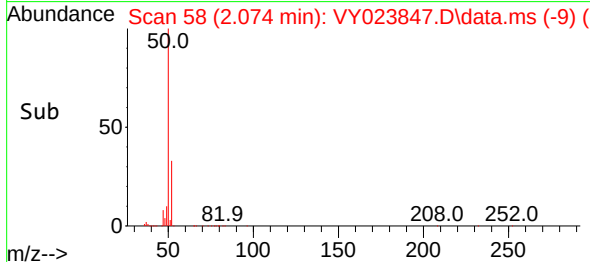
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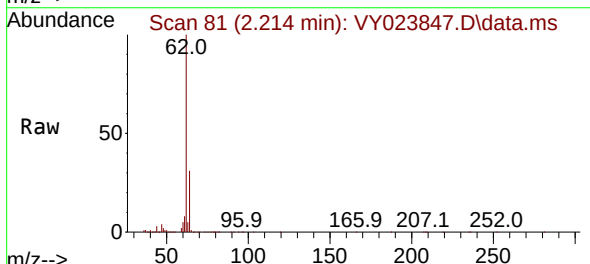
Tgt Ion: 50 Resp: 210764
Ion Ratio Lower Upper
50 100
52 32.7 26.6 39.8

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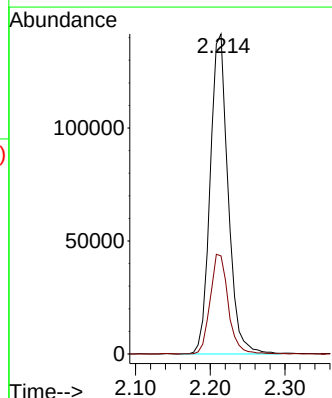
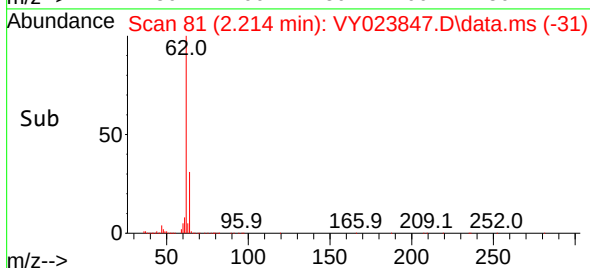
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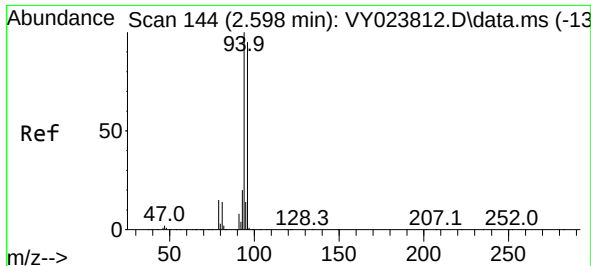


#4
Vinyl Chloride
Concen: 42.238 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023847.D
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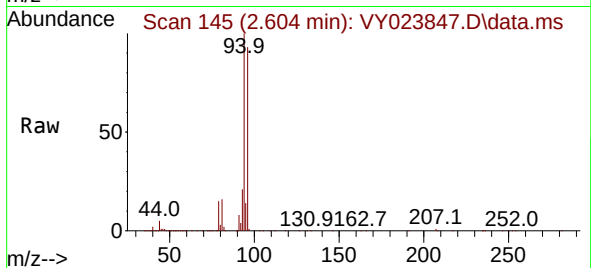
Tgt Ion: 62 Resp: 235867
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





#5
Bromomethane
Concen: 43.641 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

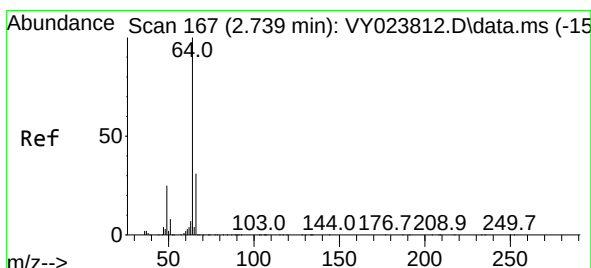
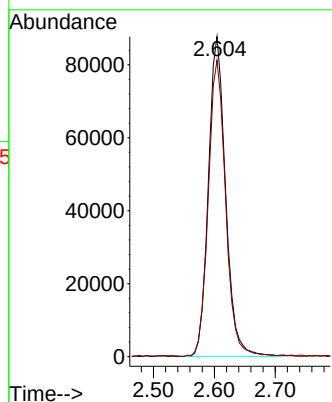
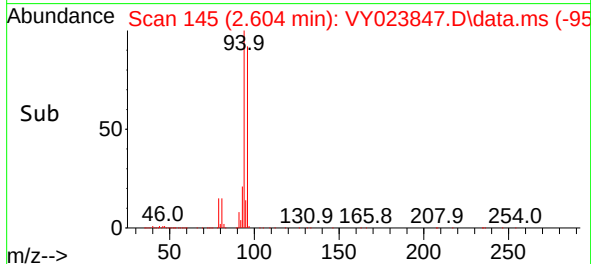
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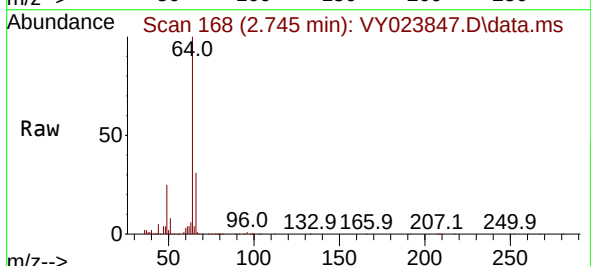
Tgt Ion: 94 Resp: 171910
Ion Ratio Lower Upper
94 100
96 92.6 76.1 114.1

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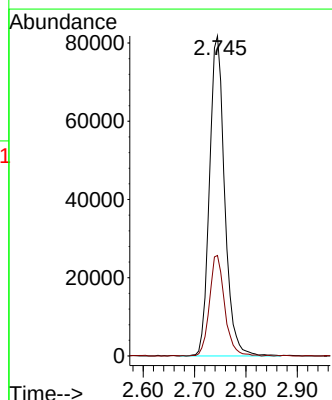
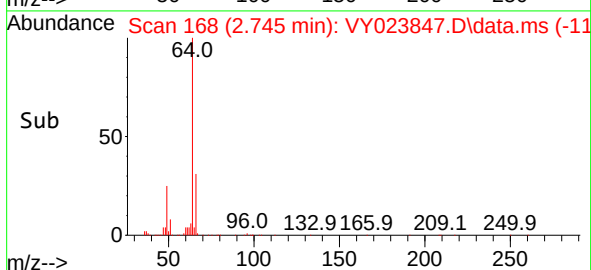
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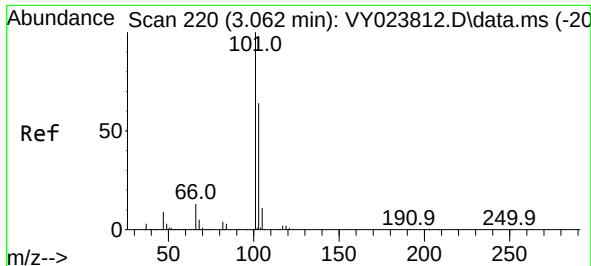


#6
Chloroethane
Concen: 46.059 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023847.D
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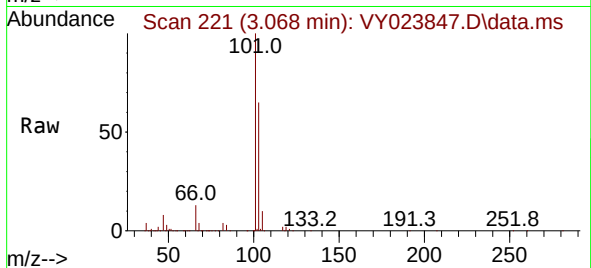
Tgt Ion: 64 Resp: 167623
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 43.166 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023847.D
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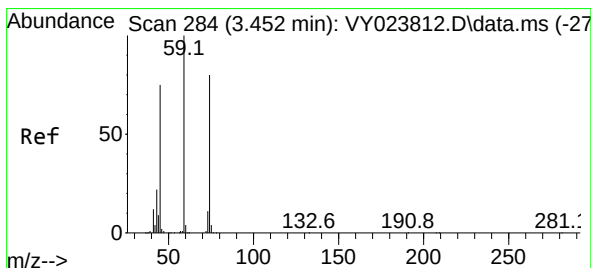
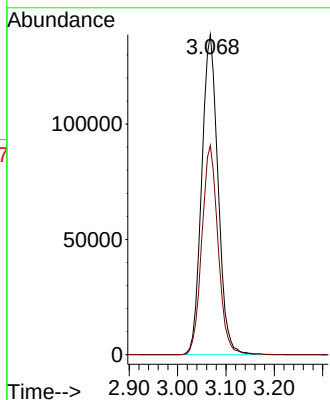
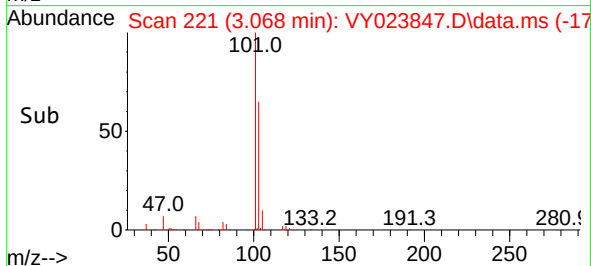
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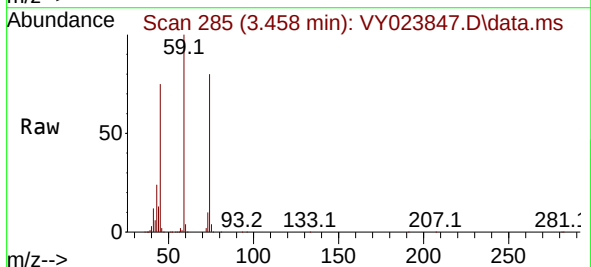
Tgt Ion:101 Resp: 325890
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.8 76.2

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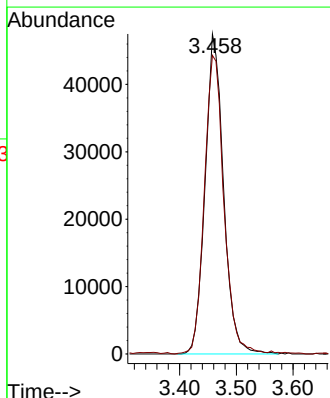
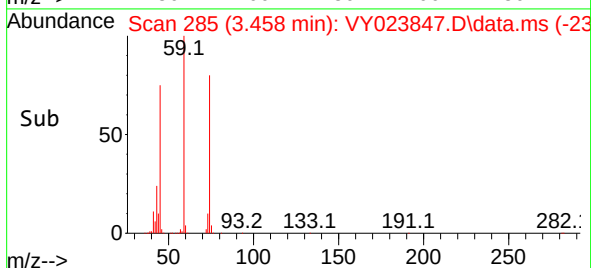
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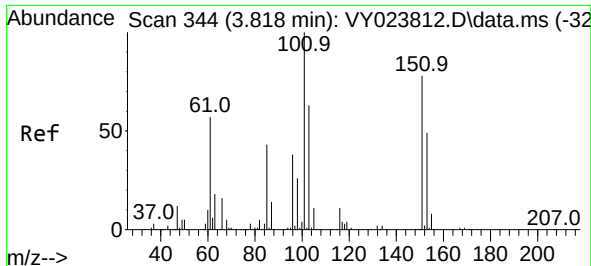


#8
 Diethyl Ether
 Concen: 45.309 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 107739
 Ion Ratio Lower Upper
 74 100
 45 98.6 47.0 141.0





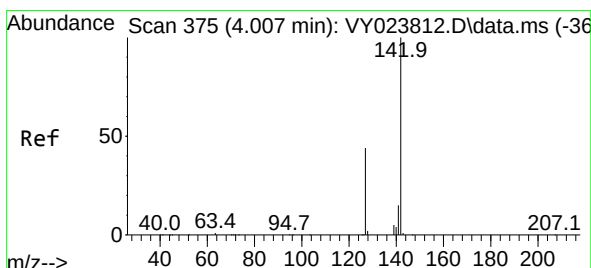
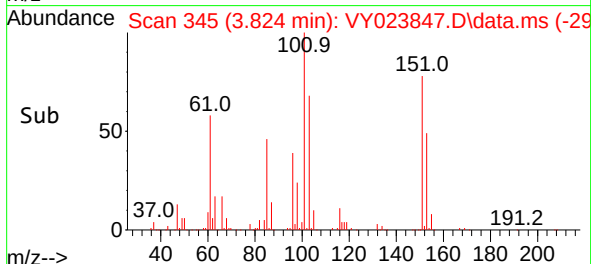
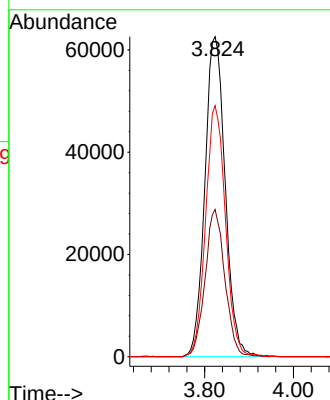
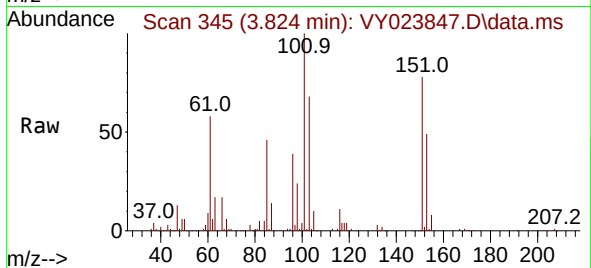
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.193 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 19913
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.8
151 76.6 62.8 94.2

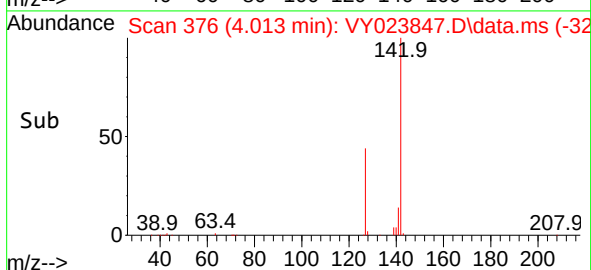
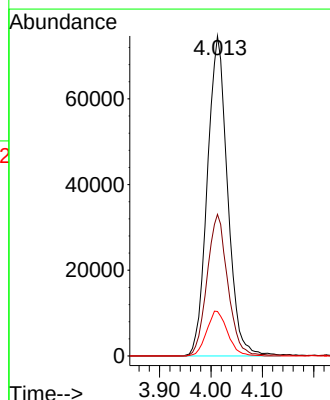
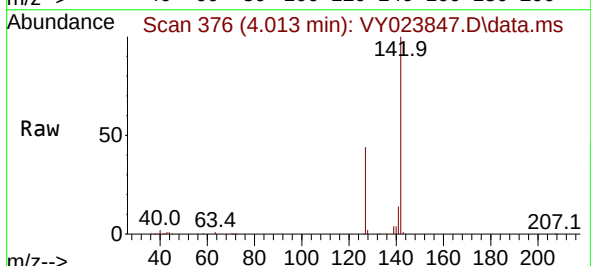
Manual Integrations
APPROVED

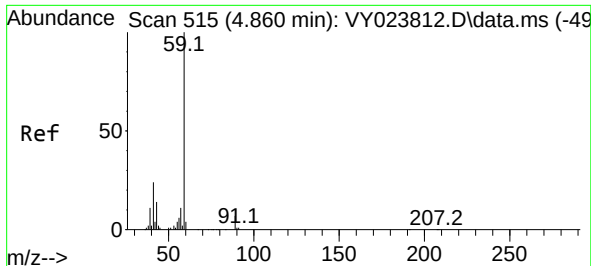
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#10
Methyl Iodide
Concen: 42.316 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

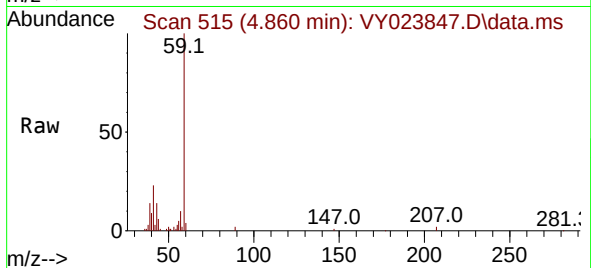
Tgt Ion:142 Resp: 204322
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 160.094 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

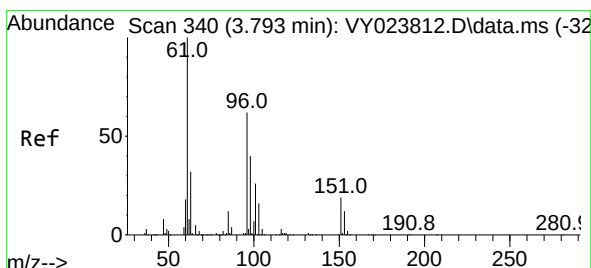
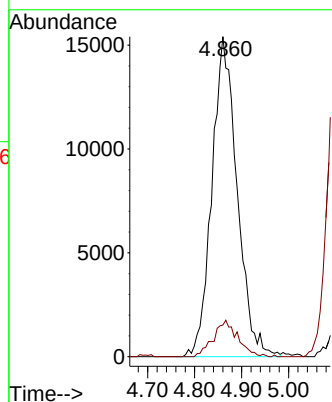
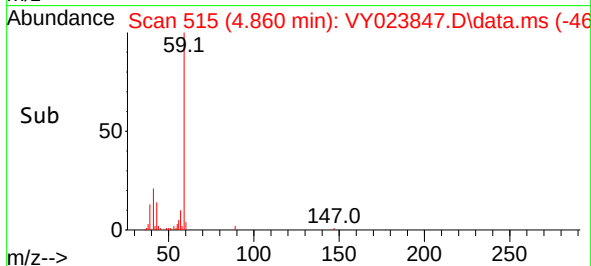
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



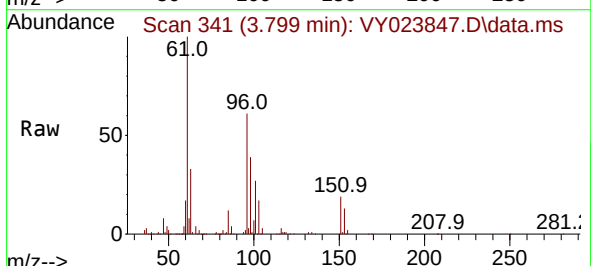
Tgt Ion: 59 Resp: 5733
Ion Ratio Lower Upper
59 100
57 11.0 8.0 12.0

Manual Integrations
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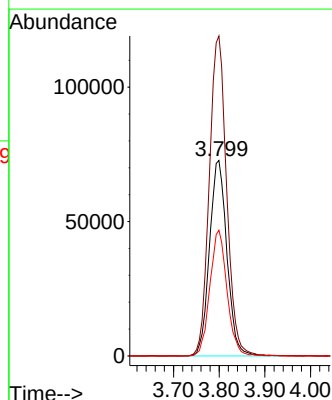
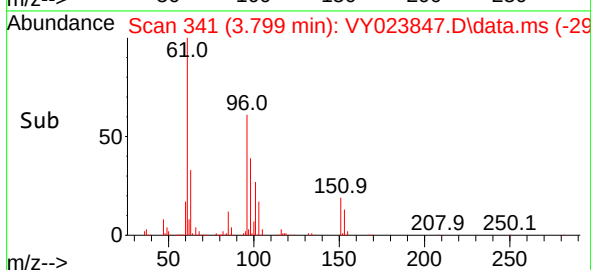
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

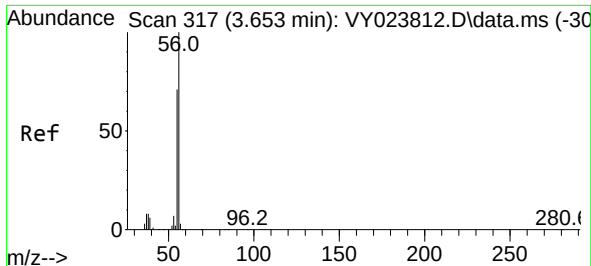


#12
1,1-Dichloroethene
Concen: 44.588 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



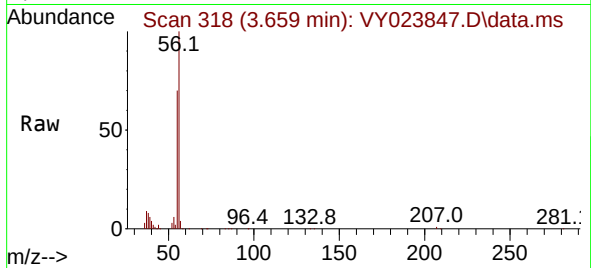
Tgt Ion: 96 Resp: 193285
Ion Ratio Lower Upper
96 100
61 163.7 128.9 193.3
98 64.4 51.8 77.6





#13
Acrolein
Concen: 209.421 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

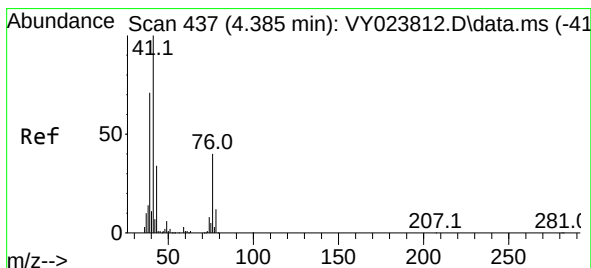
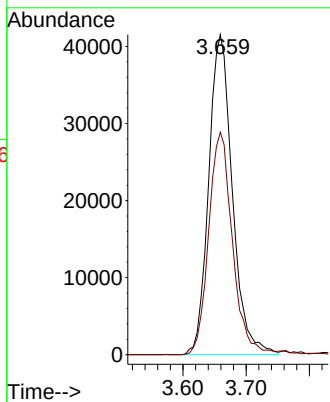
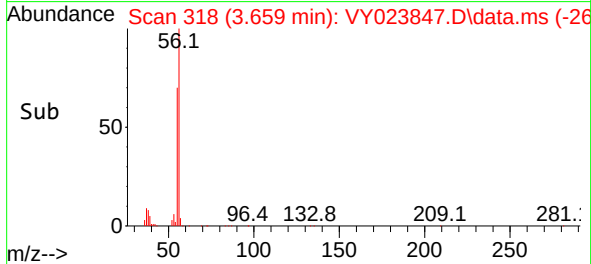
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 107810
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

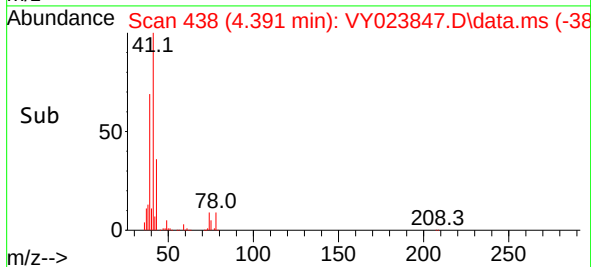
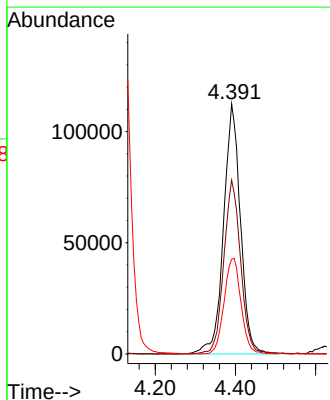
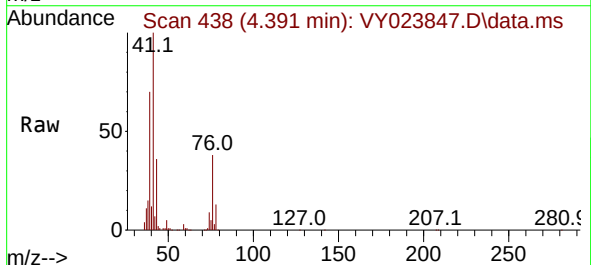
Manual Integrations
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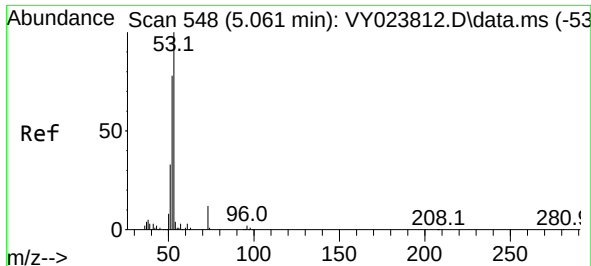
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#14
Allyl chloride
Concen: 47.899 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

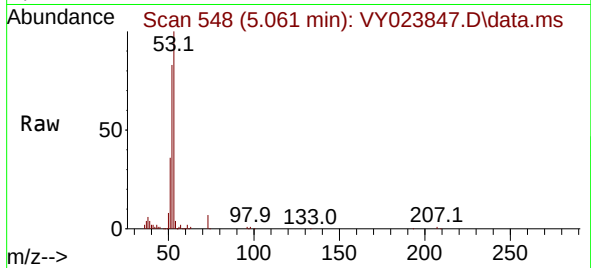
Tgt Ion: 41 Resp: 328947
Ion Ratio Lower Upper
41 100
39 69.2 54.1 81.1
76 38.3 31.0 46.6





#15
Acrylonitrile
Concen: 228.846 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

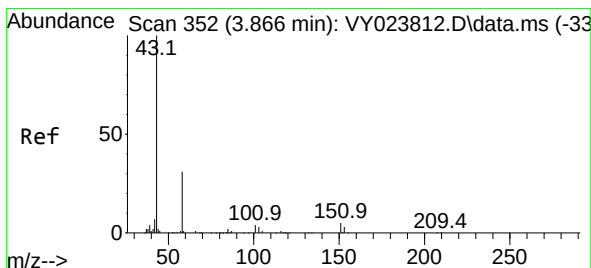
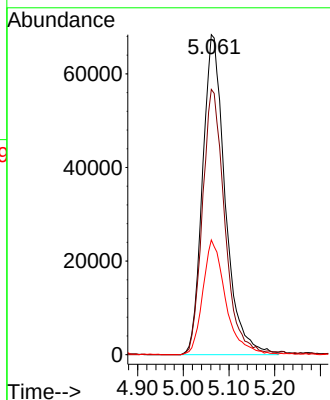
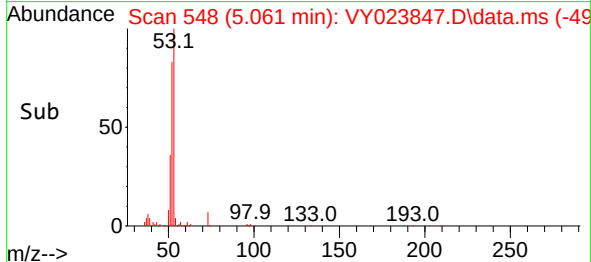
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



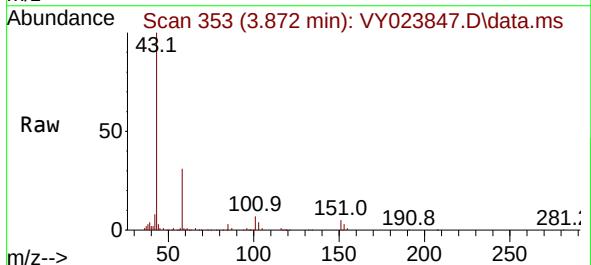
Tgt Ion: 53 Resp: 234863
Ion Ratio Lower Upper
53 100
52 81.5 64.0 96.0
51 36.3 28.7 43.1

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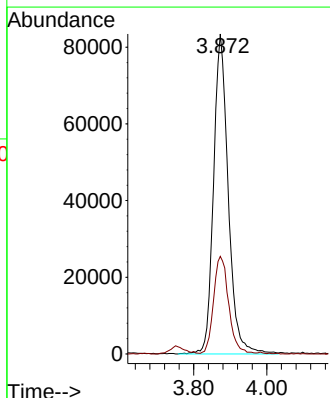
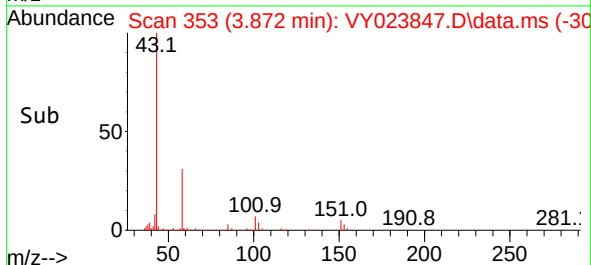
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

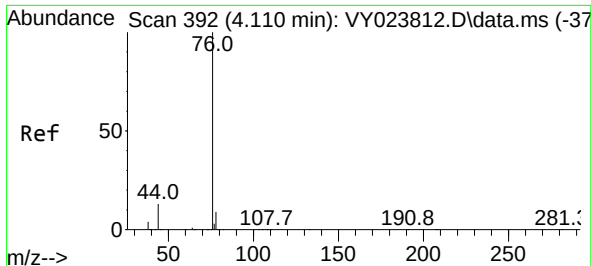


#16
Acetone
Concen: 185.313 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



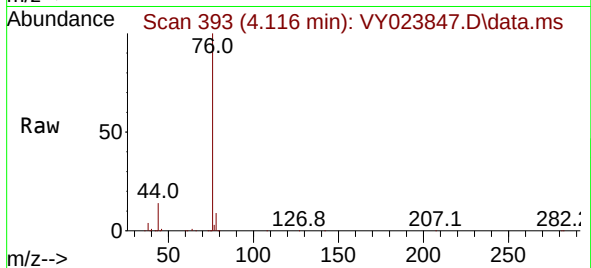
Tgt Ion: 43 Resp: 232802
Ion Ratio Lower Upper
43 100
58 30.3 25.4 38.2





#17
Carbon Disulfide
Concen: 37.971 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

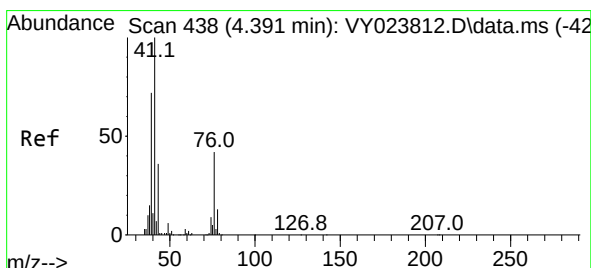
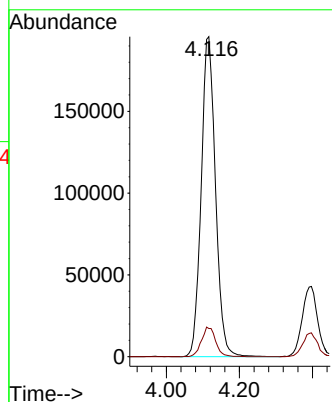
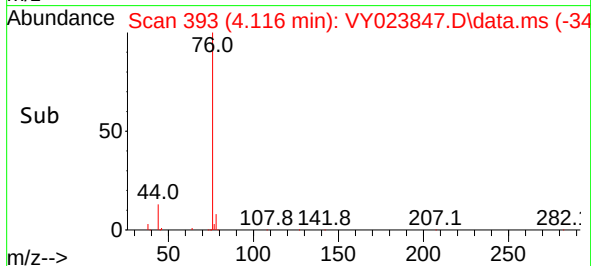
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 531210
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

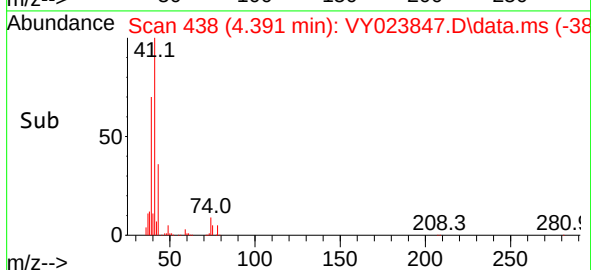
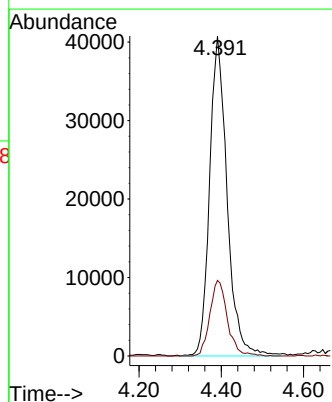
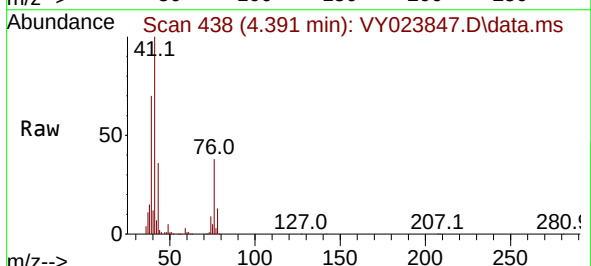
Manual Integrations
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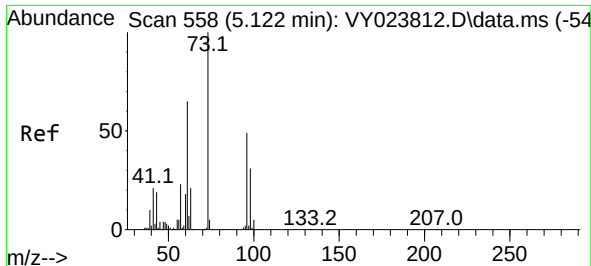
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#18
Methyl Acetate
Concen: 49.575 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 43 Resp: 120273
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 46.564 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 51584

Ion Ratio Lower Upper

73 100

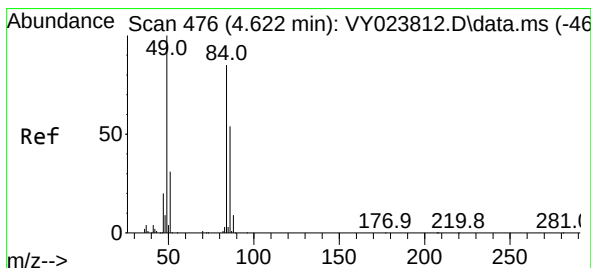
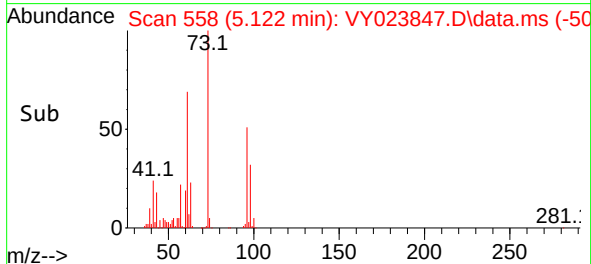
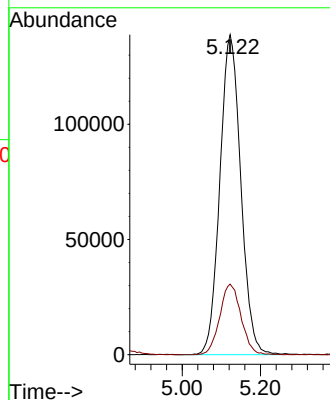
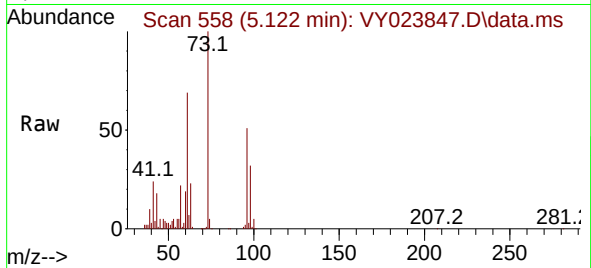
57 22.1 18.4 27.6

Manual Integrations

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Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#20

Methylene Chloride

Concen: 43.297 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion: 84 Resp: 229951

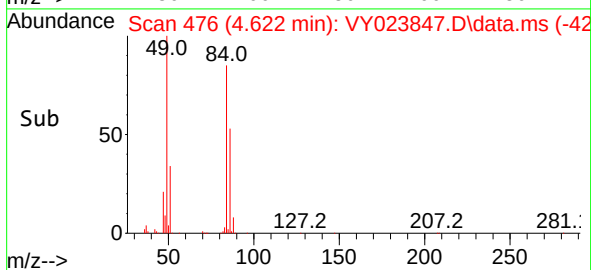
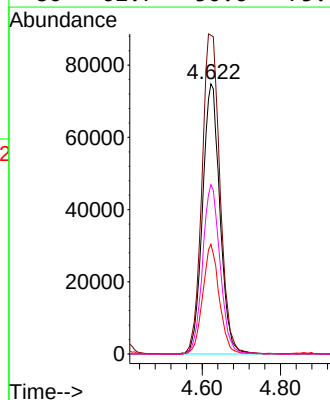
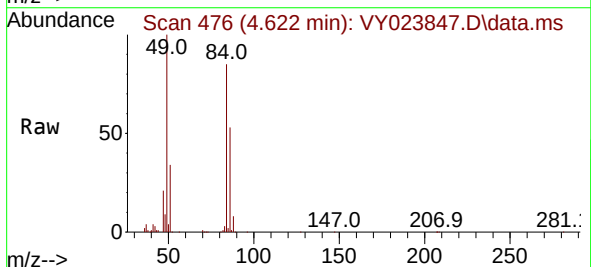
Ion Ratio Lower Upper

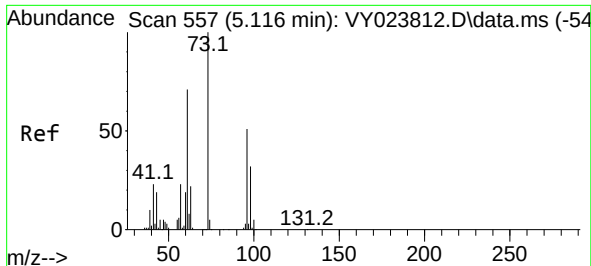
84 100

49 118.1 94.0 141.0

51 40.6 29.2 43.8

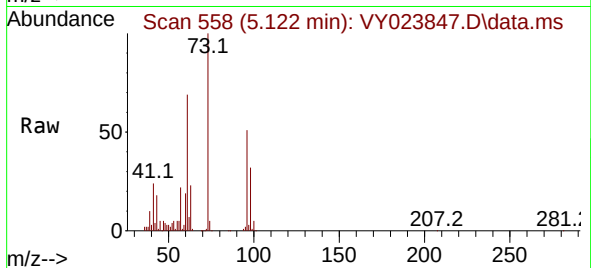
86 62.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 45.869 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

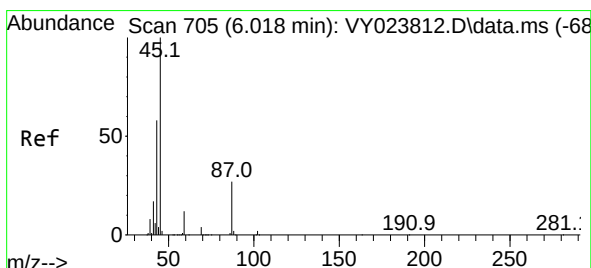
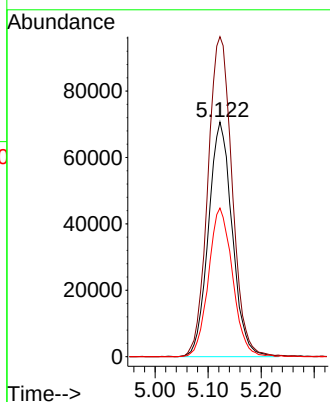
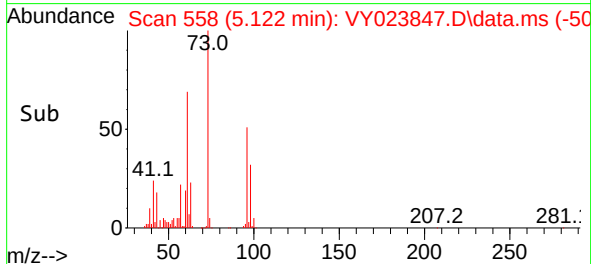
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



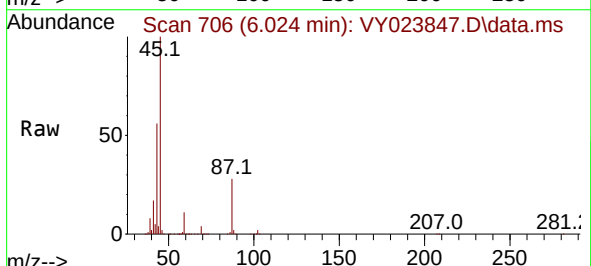
Tgt Ion: 96 Resp: 220154
Ion Ratio Lower Upper
96 100
61 136.3 111.2 166.8
98 63.3 50.5 75.7

Manual Integrations
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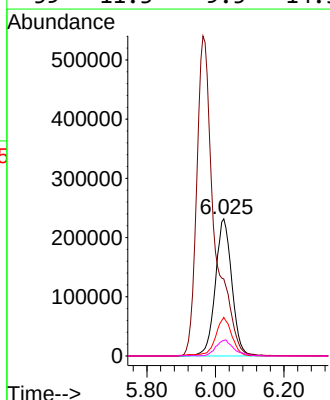
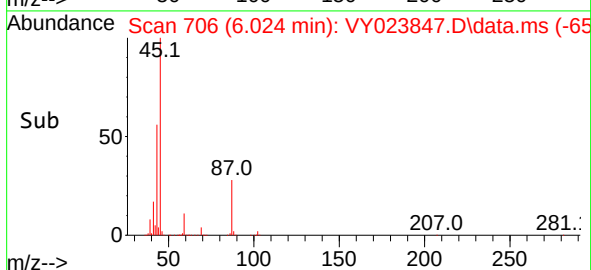
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

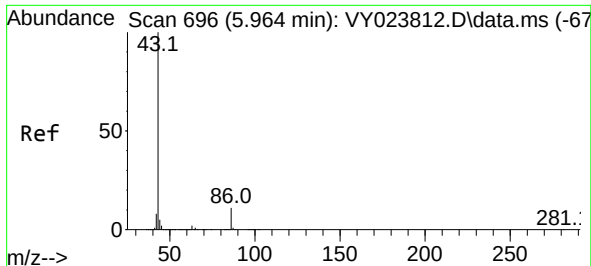


#22
Diisopropyl ether
Concen: 51.946 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



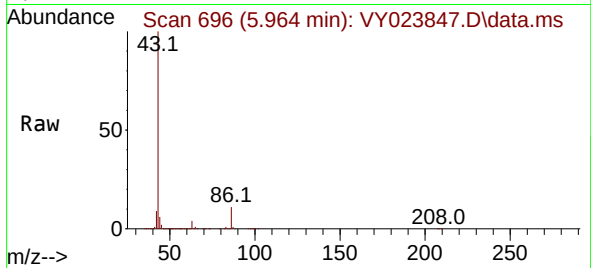
Tgt Ion: 45 Resp: 771367
Ion Ratio Lower Upper
45 100
43 56.1 46.4 69.6
87 28.2 22.1 33.1
59 11.3 9.5 14.3





#23
 Vinyl Acetate
 Concen: 233.689 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

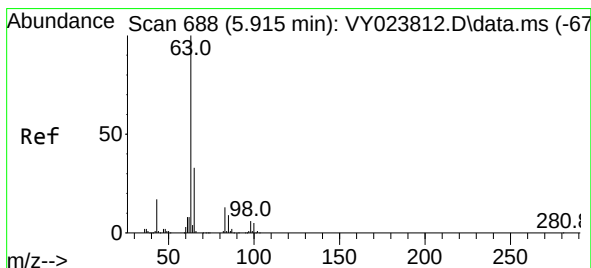
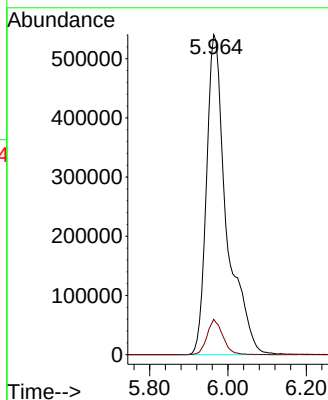
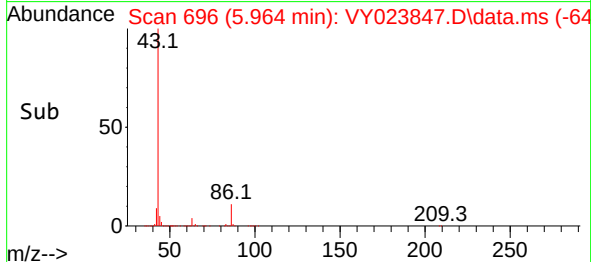
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



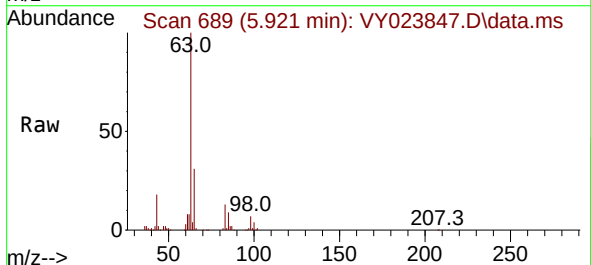
Tgt Ion: 43 Resp: 1929680
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

Manual Integrations
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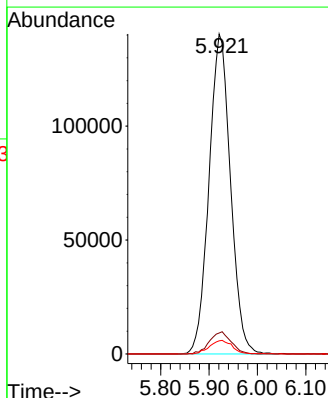
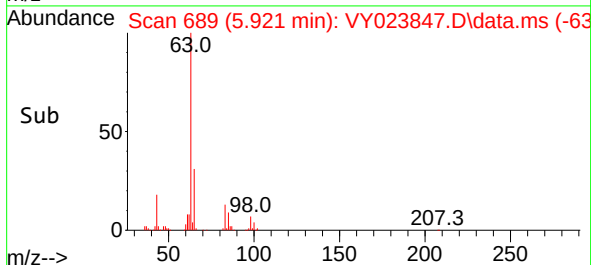
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

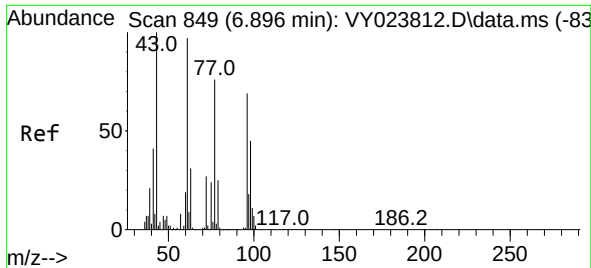


#24
 1,1-Dichloroethane
 Concen: 49.609 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47



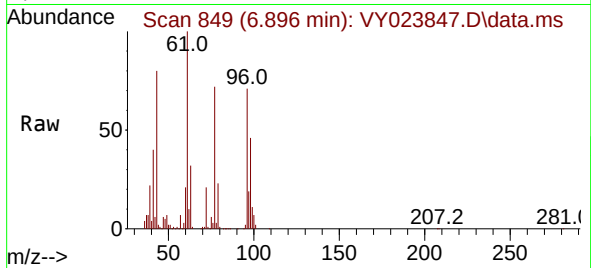
Tgt Ion: 63 Resp: 433358
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 4.1 2.3 6.9





#25
2-Butanone
Concen: 199.389 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

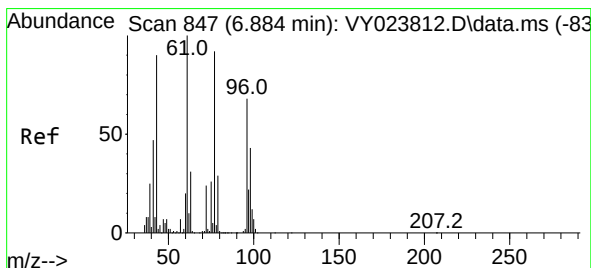
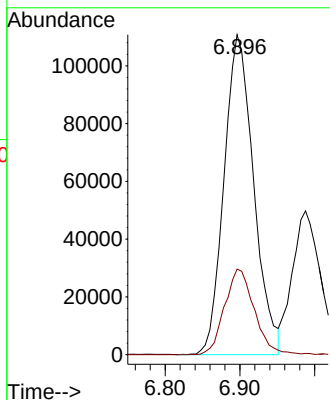
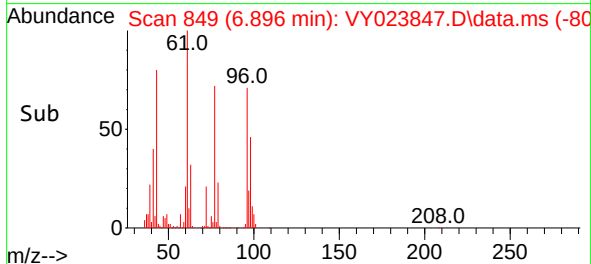
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



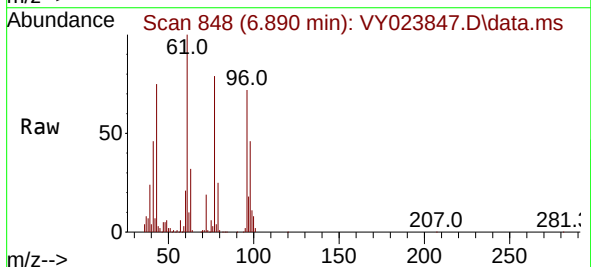
Tgt Ion: 43 Resp: 305689
Ion Ratio Lower Upper
43 100
72 26.7 21.3 31.9

Manual Integrations
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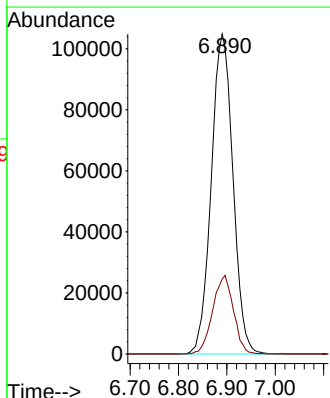
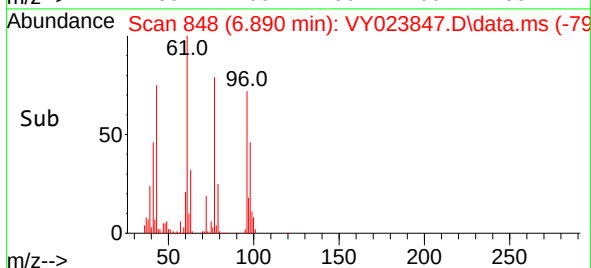
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

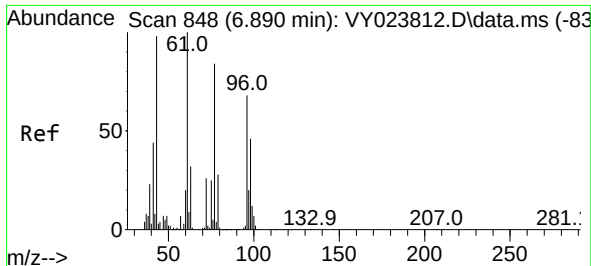


#26
2,2-Dichloropropane
Concen: 42.173 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



Tgt Ion: 77 Resp: 326551
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 48.540 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 270540

Ion Ratio Lower Upper

96 100

61 143.6 0.0 291.2

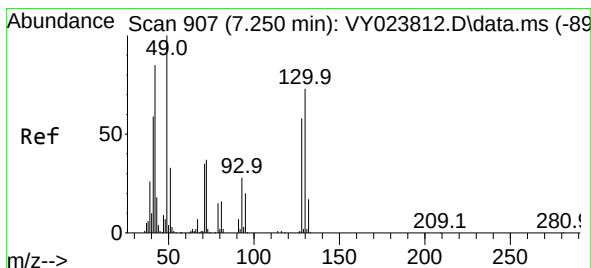
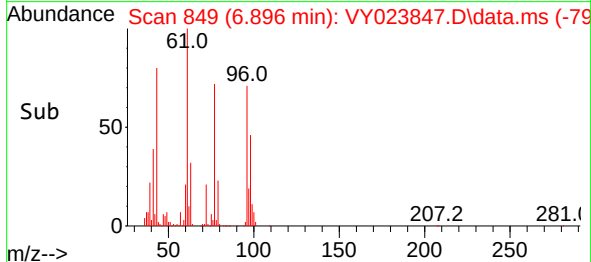
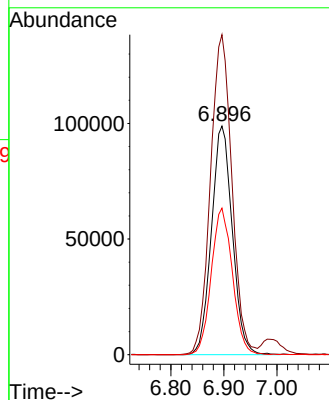
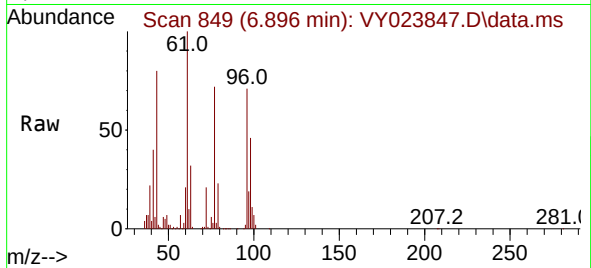
98 64.8 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#28

Bromochloromethane

Concen: 49.135 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

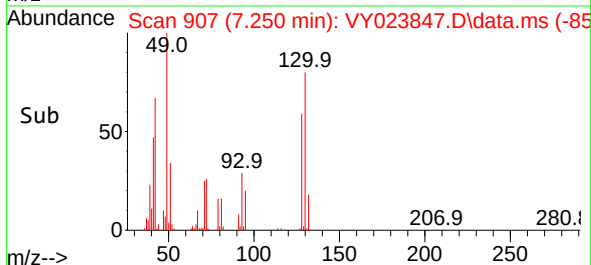
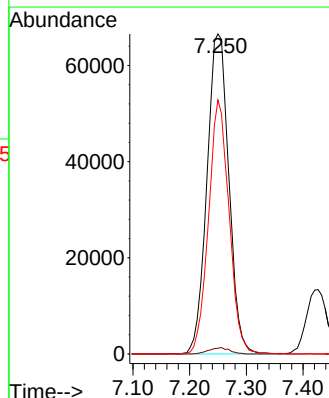
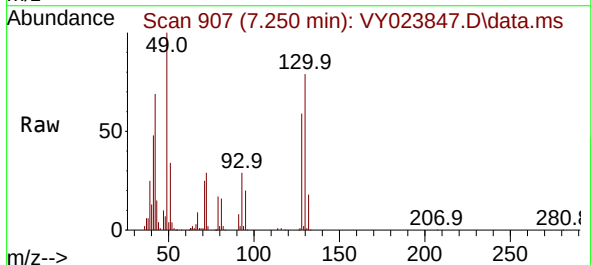
Tgt Ion: 49 Resp: 178541

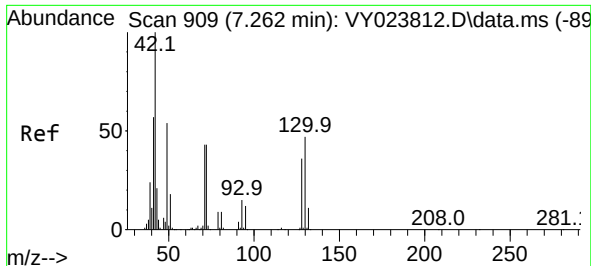
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.5 61.4 92.2





#29

Tetrahydrofuran

Concen: 224.665 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19211

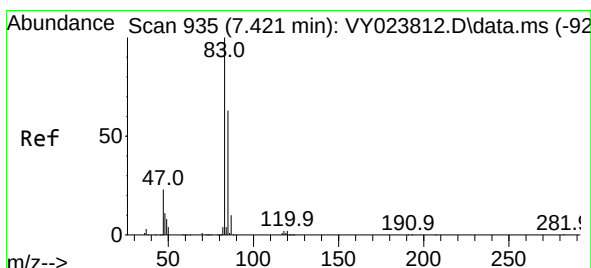
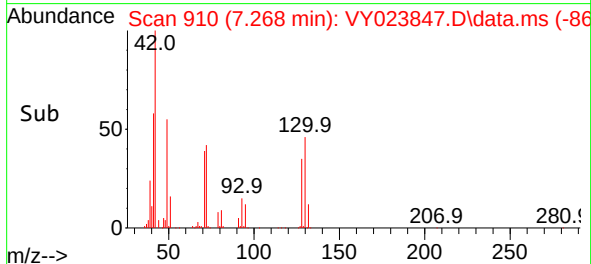
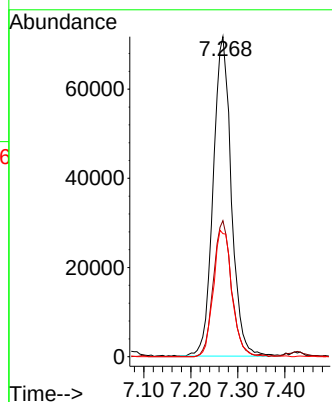
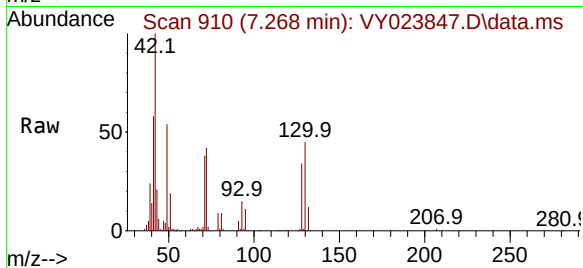
Ion	Ratio	Lower	Upper
42	100		
72	42.3	35.9	53.9
71	40.6	33.3	49.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#30

Chloroform

Concen: 50.308 ug/l

RT: 7.427 min Scan# 936

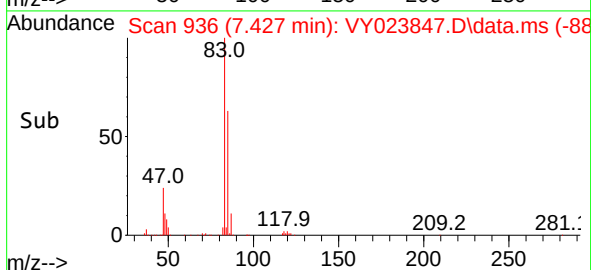
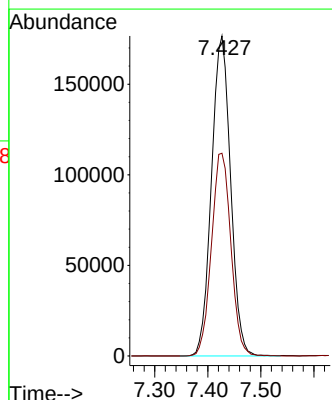
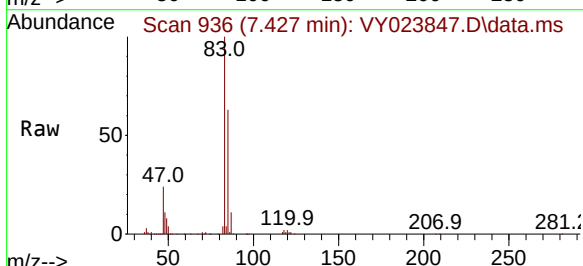
Delta R.T. 0.006 min

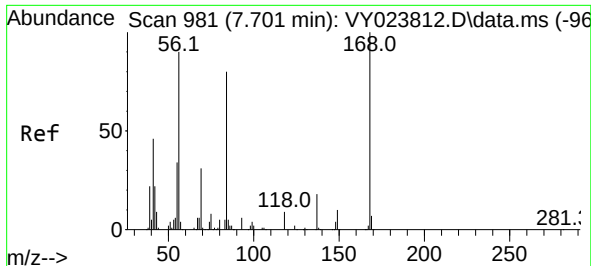
Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion: 83 Resp: 441898

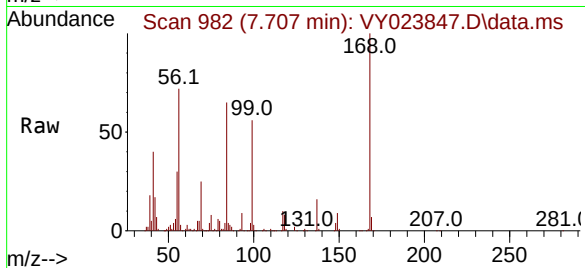
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31
Cyclohexane
Concen: 41.745 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

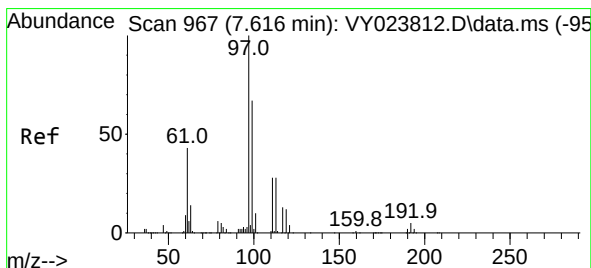
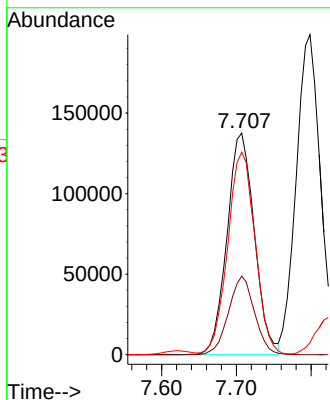
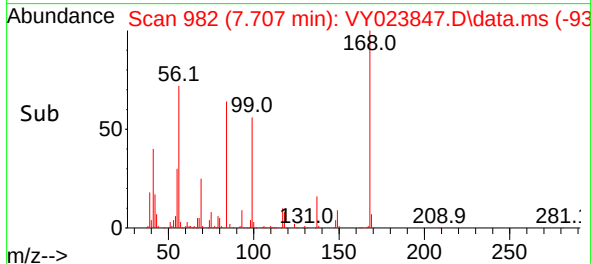
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



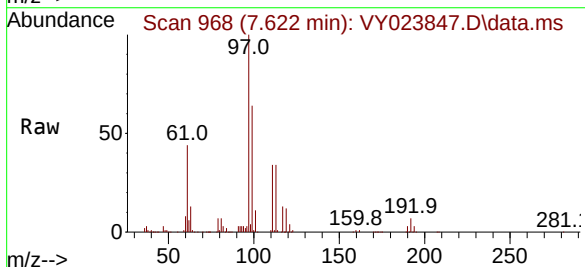
Tgt Ion: 56 Resp: 34994
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.6
84 89.6 71.8 107.8

Manual Integrations
APPROVED

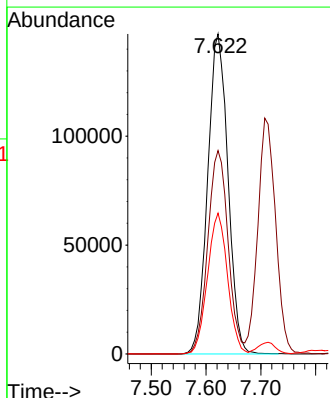
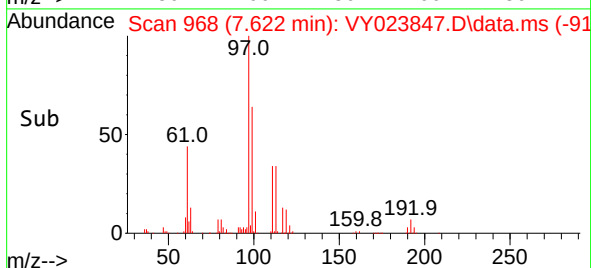
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

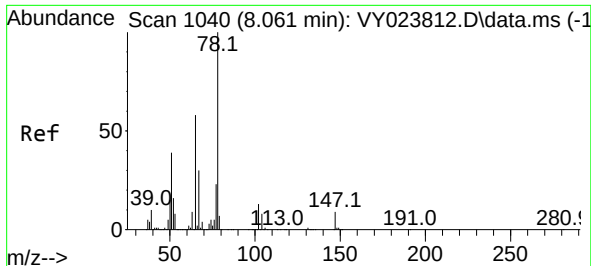


#32
1,1,1-Trichloroethane
Concen: 48.383 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



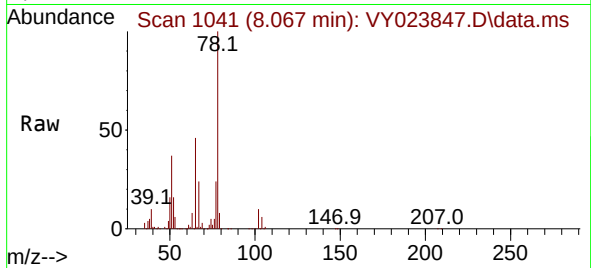
Tgt Ion: 97 Resp: 377245
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.5 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 48.197 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

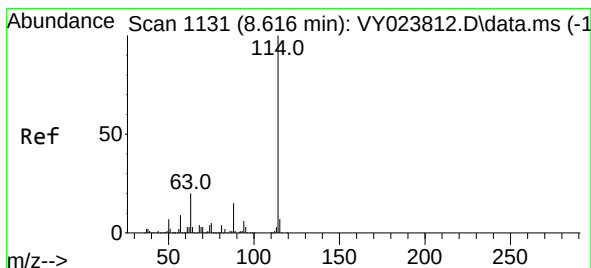
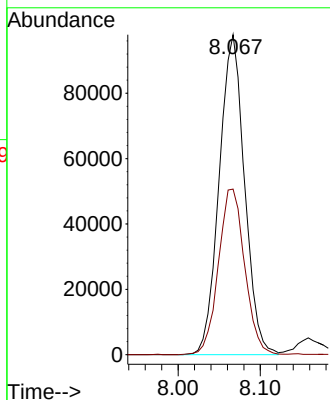
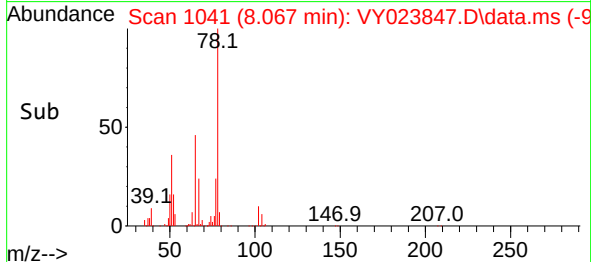
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 21015
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4

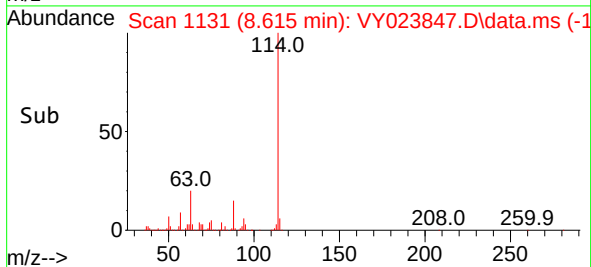
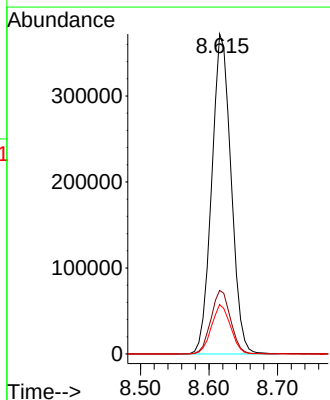
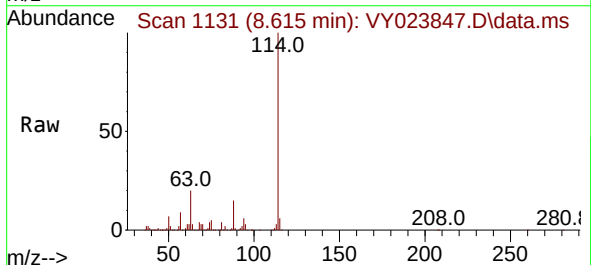
Manual Integrations
APPROVED

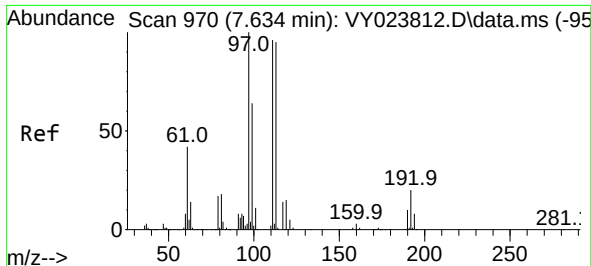
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

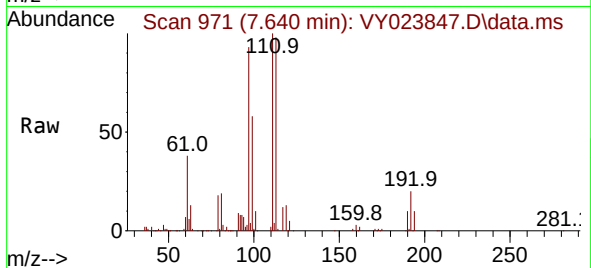
Tgt Ion:114 Resp: 729750
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.4
88 15.4 0.0 30.8





#35
Dibromofluoromethane
Concen: 48.045 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

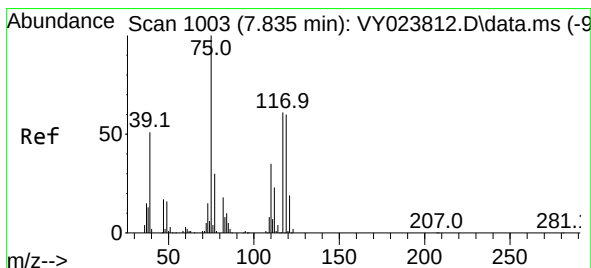
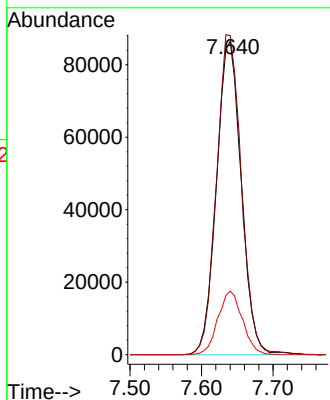
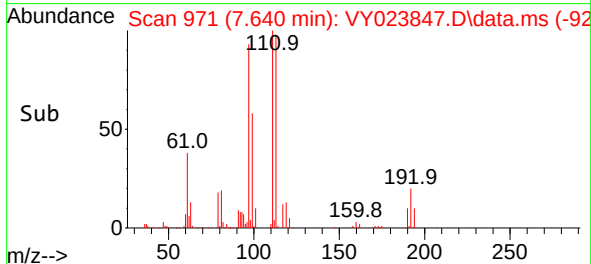
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



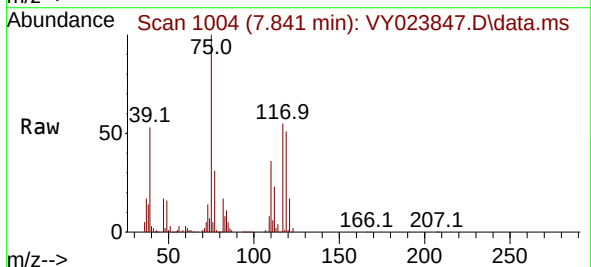
Tgt Ion:113 Resp: 20769
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 20.1 15.8 23.8

Manual Integrations
APPROVED

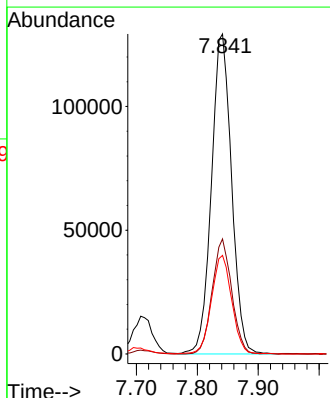
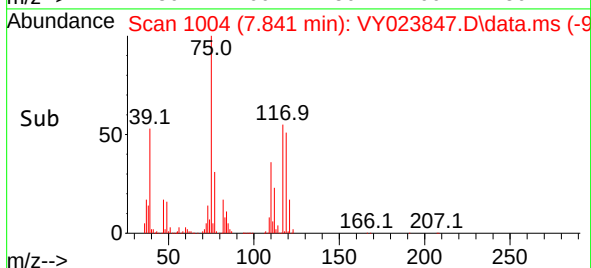
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

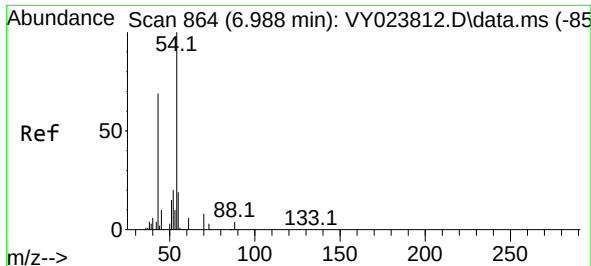


#36
1,1-Dichloropropene
Concen: 44.847 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



Tgt Ion: 75 Resp: 297252
Ion Ratio Lower Upper
75 100
110 34.8 17.6 52.8
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 43.222 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

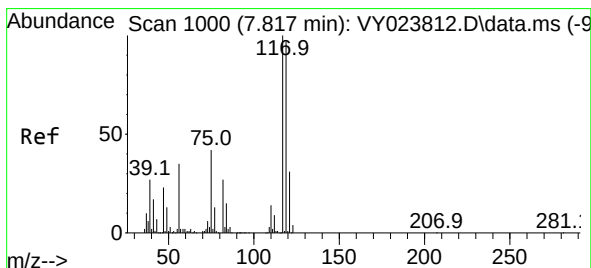
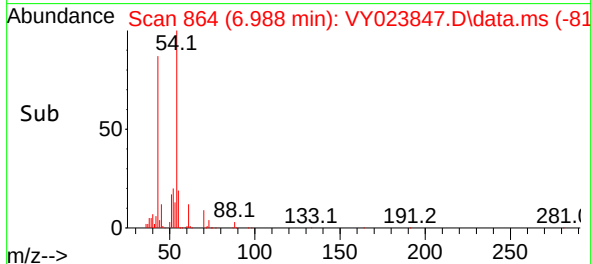
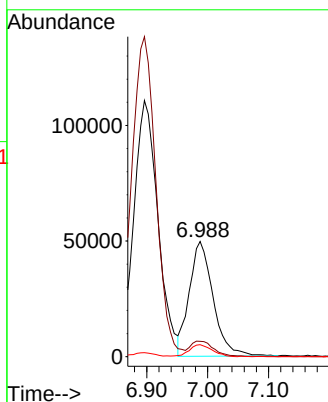
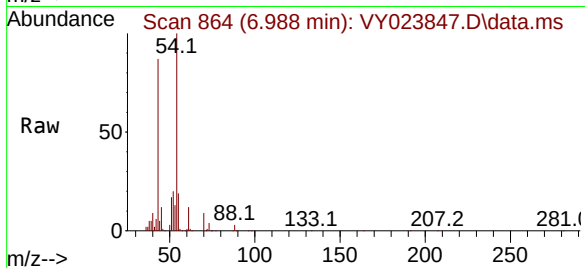
Tgt Ion: 43 Resp: 134752
 Ion Ratio Lower Upper
 43 100
 61 12.9 11.0 16.6
 70 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#38

Carbon Tetrachloride

Concen: 45.549 ug/l

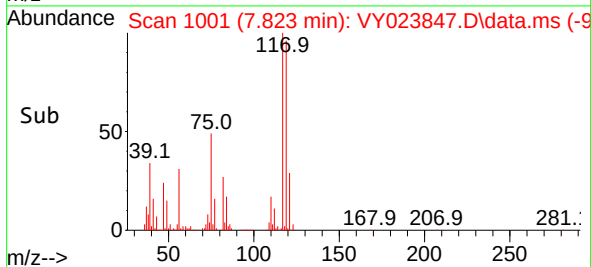
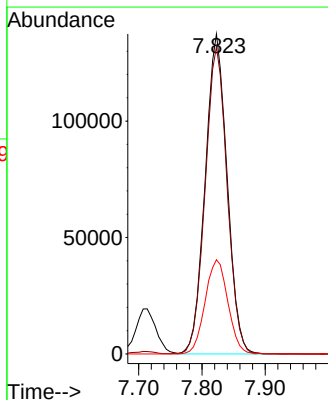
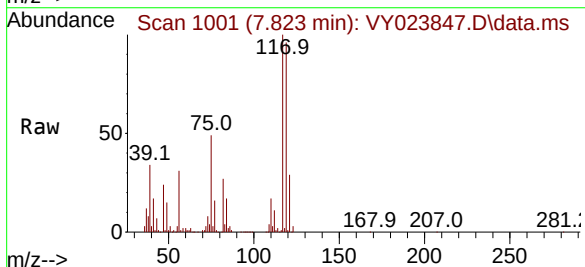
RT: 7.823 min Scan# 1001

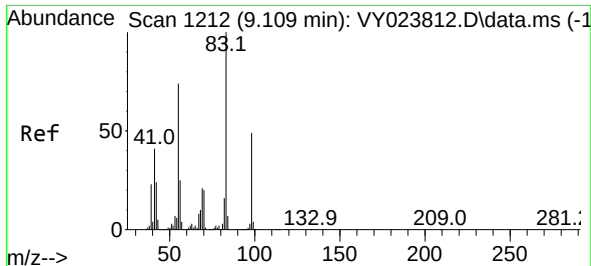
Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

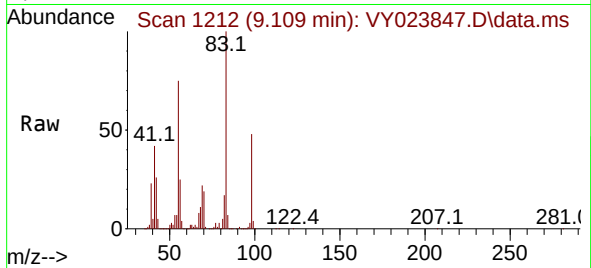
Tgt Ion:117 Resp: 331392
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.3 115.9
 121 29.5 25.0 37.6





#39
Methylcyclohexane
Concen: 42.263 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

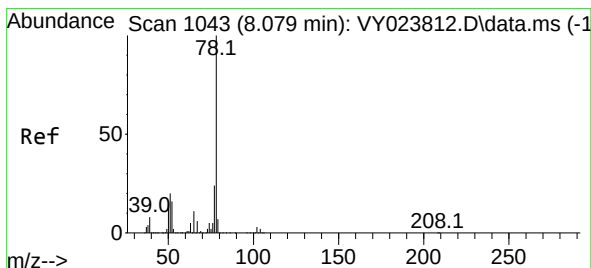
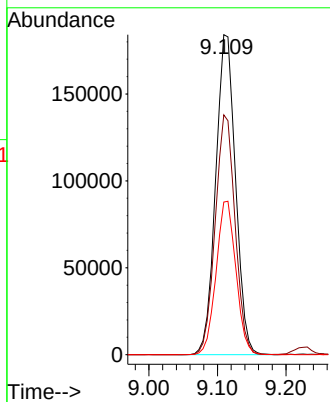
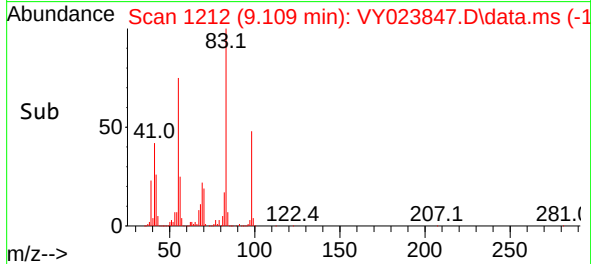
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 369959
Ion Ratio Lower Upper
83 100
55 74.9 59.4 89.2
98 47.7 39.5 59.3

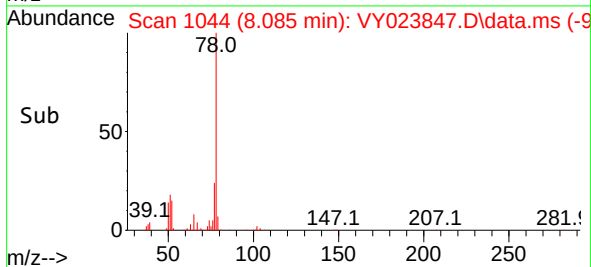
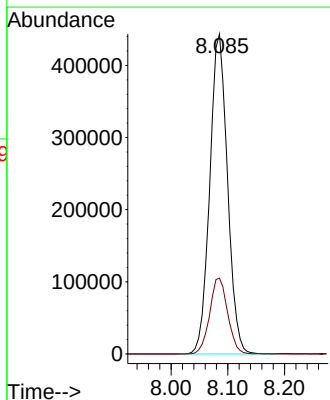
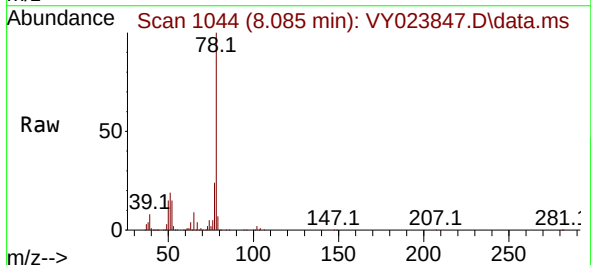
Manual Integrations
APPROVED

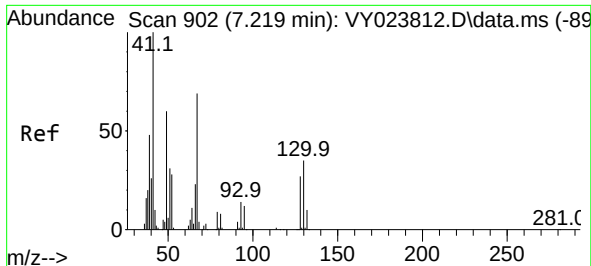
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#40
Benzene
Concen: 47.184 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

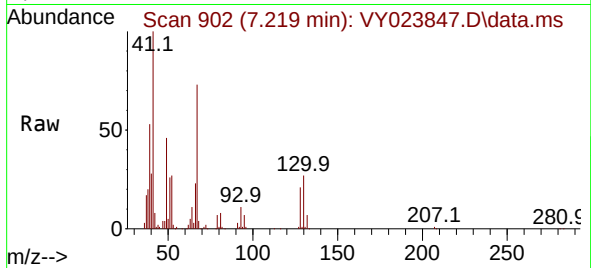
Tgt Ion: 78 Resp: 962435
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 46.232 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

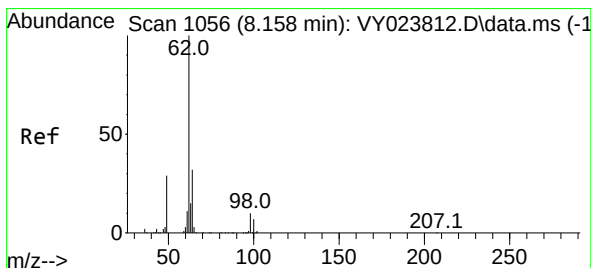
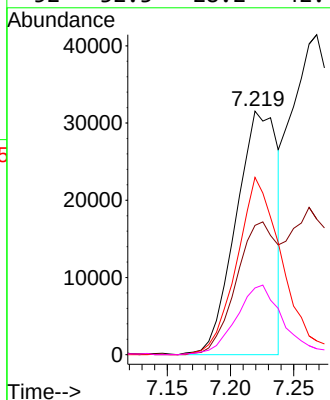
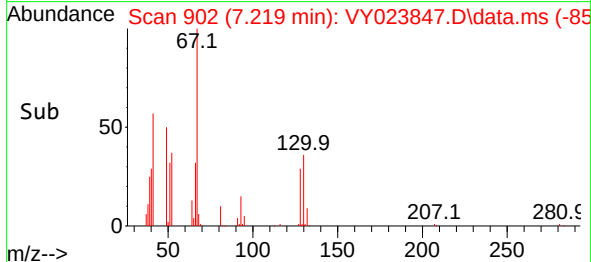
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 71959
Ion Ratio Lower Upper
41 100
39 53.6 40.6 61.0
67 80.9 67.9 101.9
52 32.3 28.2 42.4

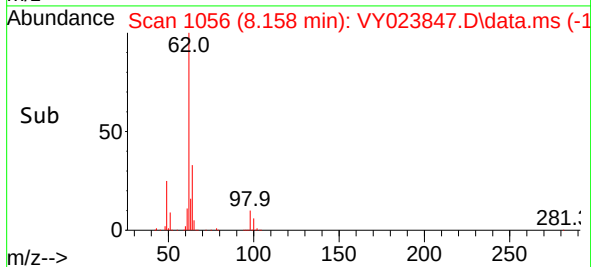
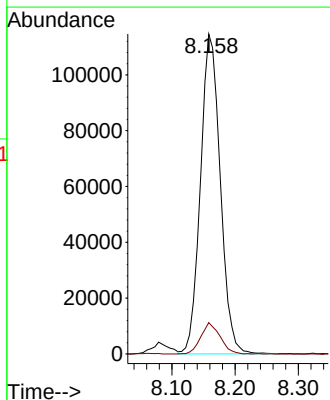
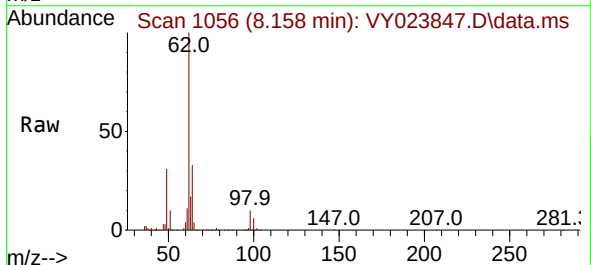
Manual Integrations
APPROVED

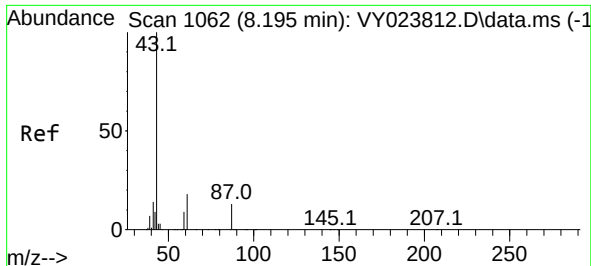
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#42
1,2-Dichloroethane
Concen: 47.488 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

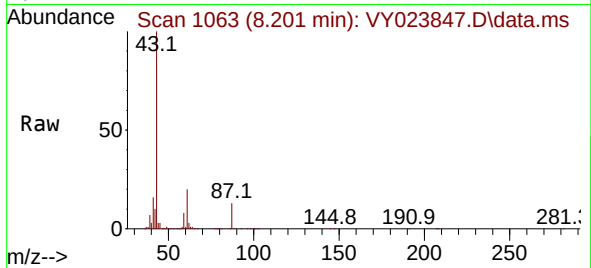
Tgt Ion: 62 Resp: 249714
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 44.846 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

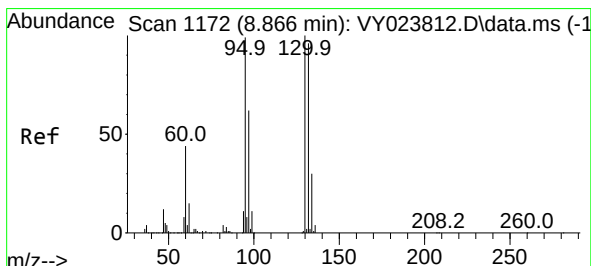
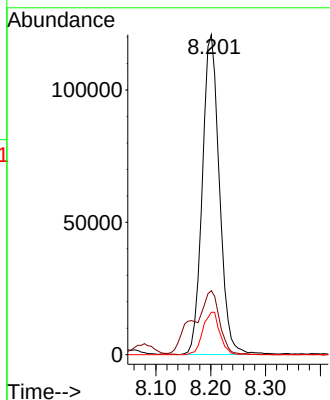
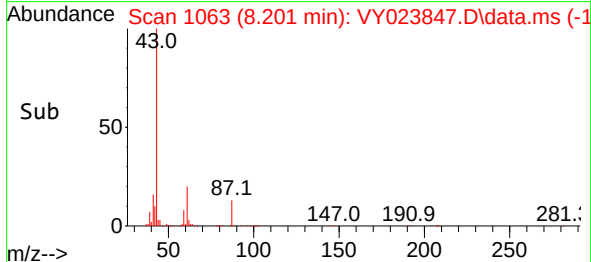
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 261284
Ion Ratio Lower Upper
43 100
61 30.2 24.3 36.5
87 13.2 11.0 16.4

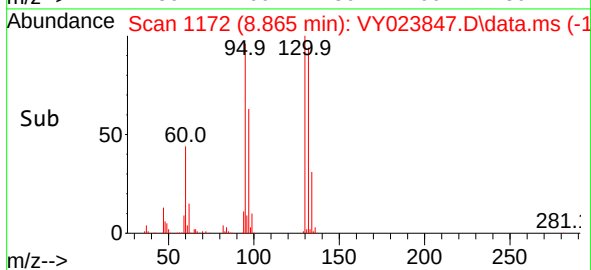
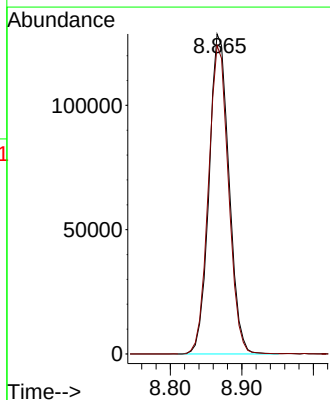
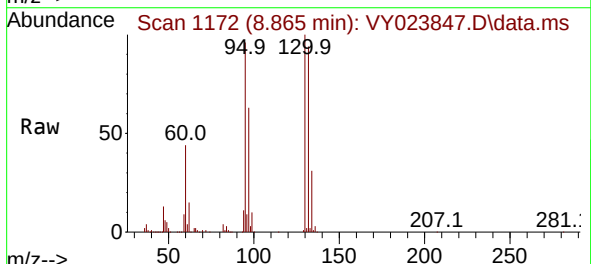
Manual Integrations
APPROVED

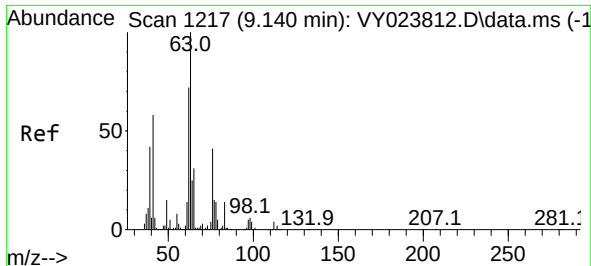
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#44
Trichloroethene
Concen: 47.554 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion:130 Resp: 248870
Ion Ratio Lower Upper
130 100
95 96.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 49.175 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 23648

Ion Ratio Lower Upper

63 100

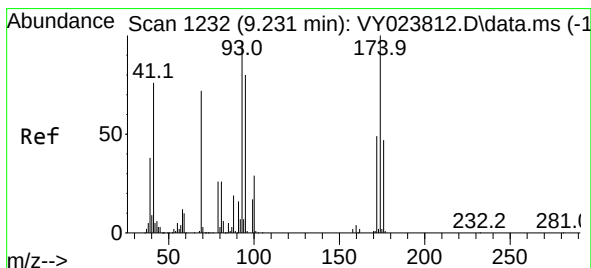
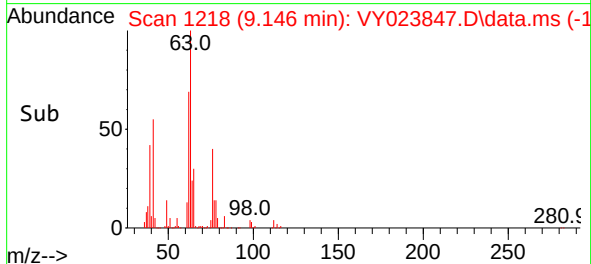
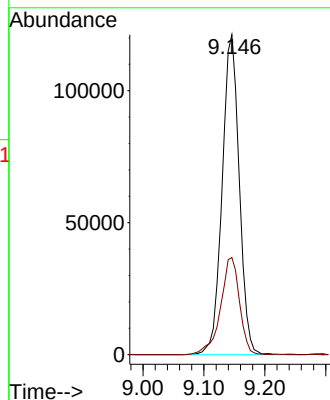
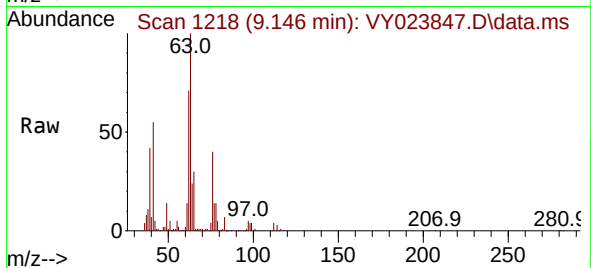
65 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#46

Dibromomethane

Concen: 46.576 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

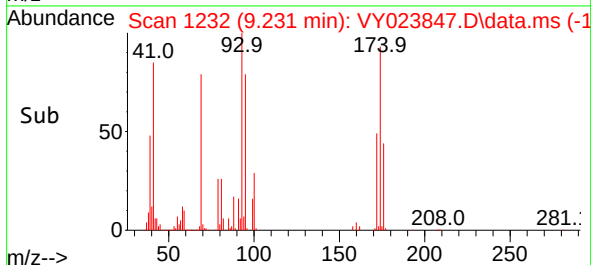
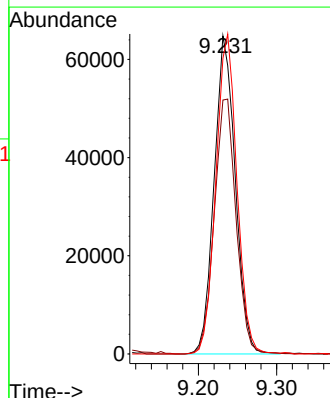
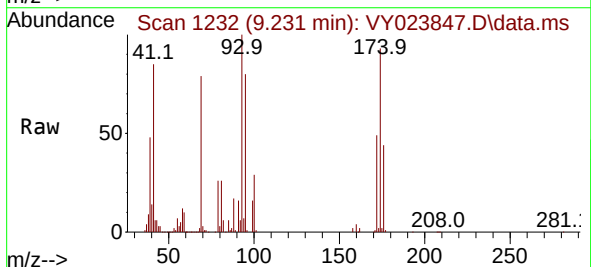
Tgt Ion: 93 Resp: 121543

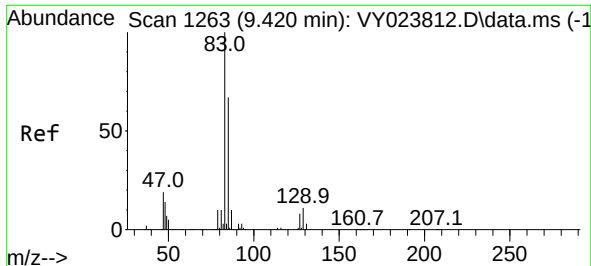
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

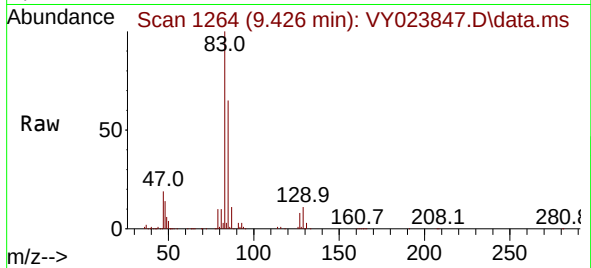
174 100.2 80.6 121.0





#47
Bromodichloromethane
Concen: 49.156 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

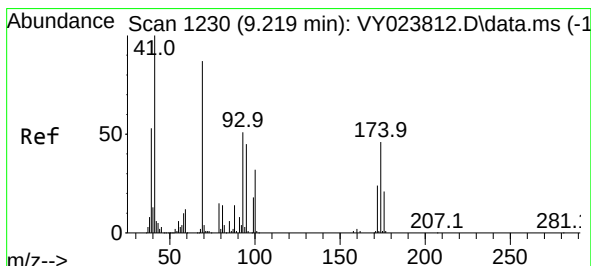
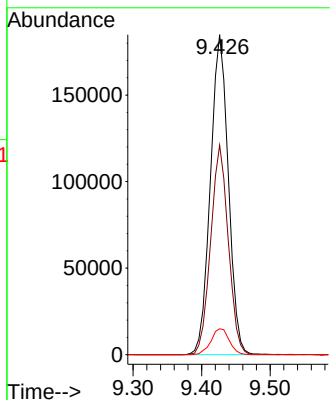
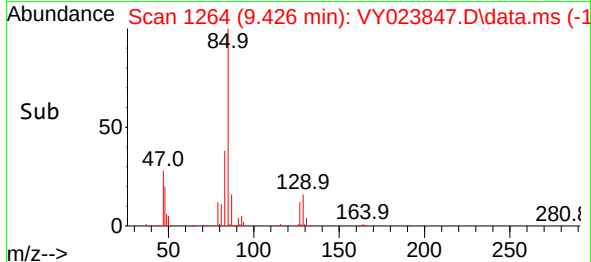
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



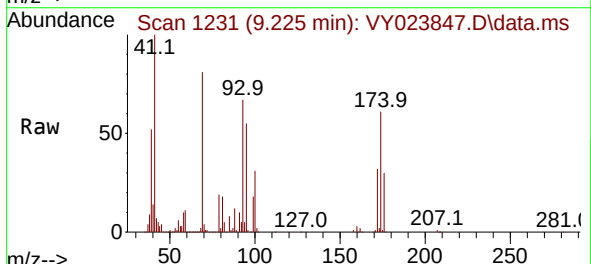
Tgt Ion: 83 Resp: 335239
Ion Ratio Lower Upper
83 100
85 65.5 53.7 80.5
127 8.1 6.6 10.0

Manual Integrations
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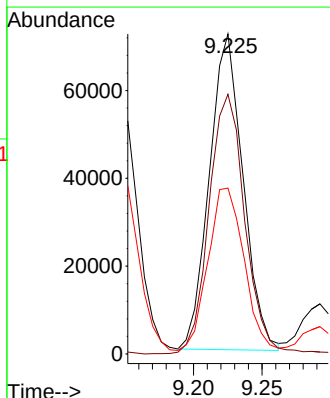
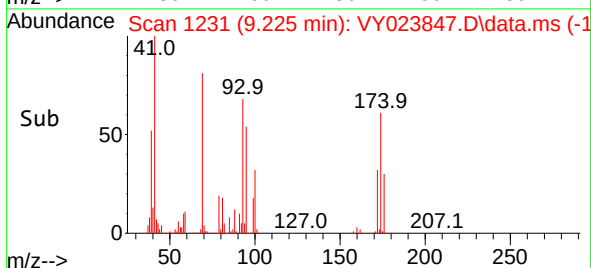
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

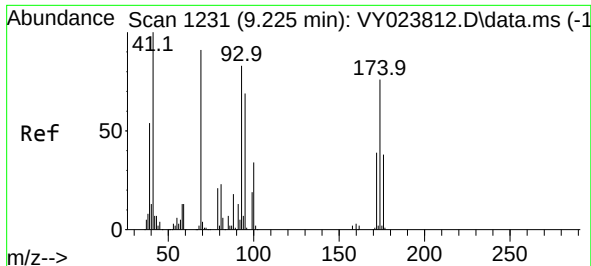


#48
Methyl methacrylate
Concen: 44.768 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



Tgt Ion: 41 Resp: 122803
Ion Ratio Lower Upper
41 100
69 87.6 69.1 103.7
39 57.1 41.2 61.8





#49

1,4-Dioxane

Concen: 846.099 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 24745

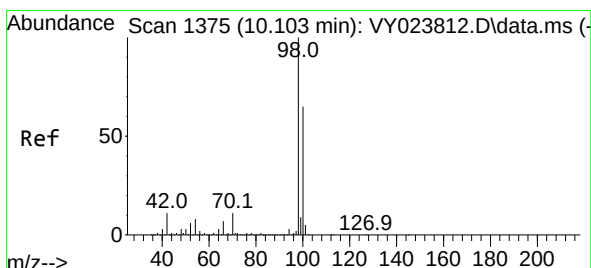
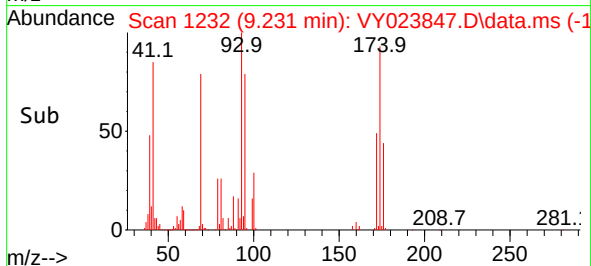
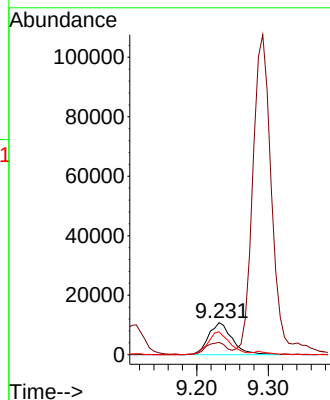
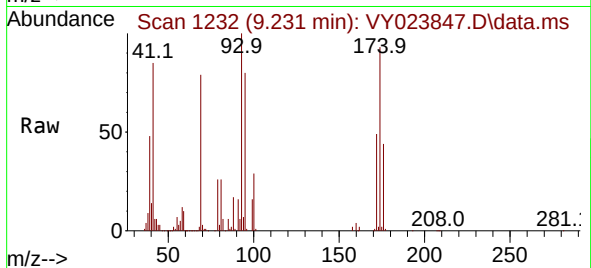
Ion	Ratio	Lower	Upper
88	100		
43	34.0	24.6	37.0
58	66.5	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#50

Toluene-d8

Concen: 48.305 ug/l

RT: 10.109 min Scan# 1376

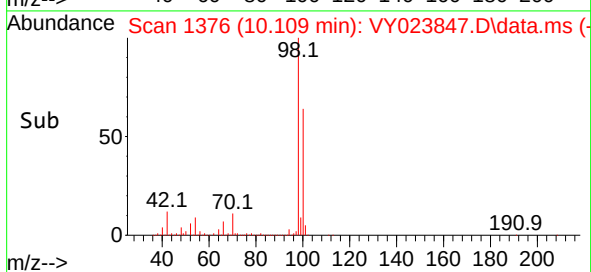
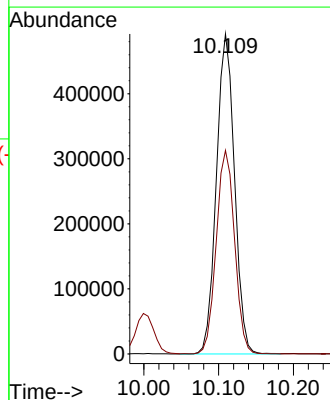
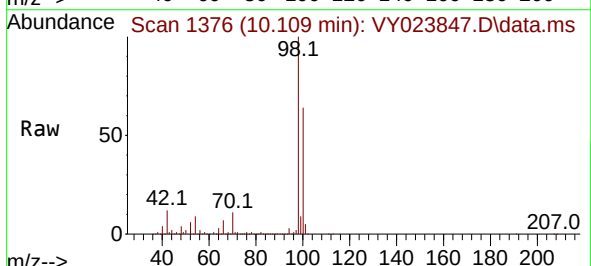
Delta R.T. 0.006 min

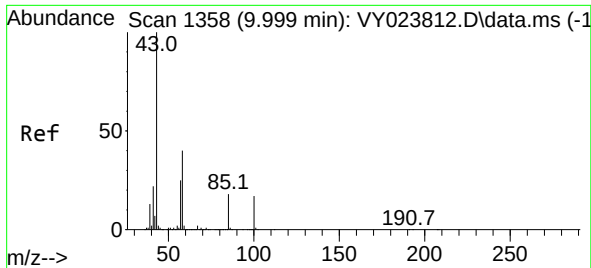
Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion: 98 Resp: 829442

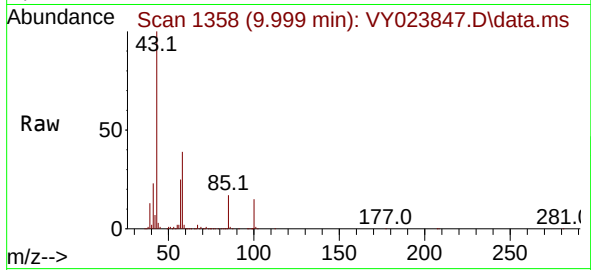
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 224.731 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

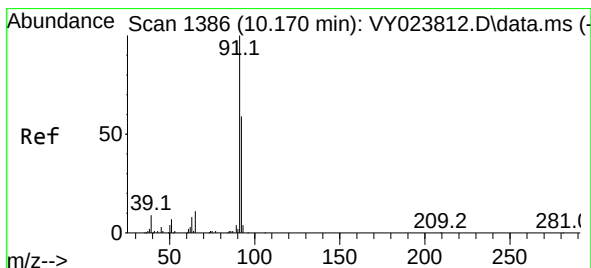
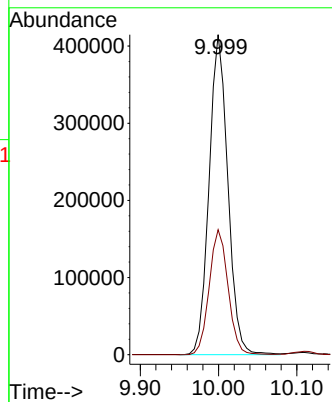
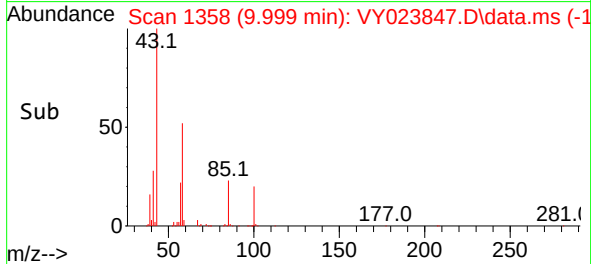
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



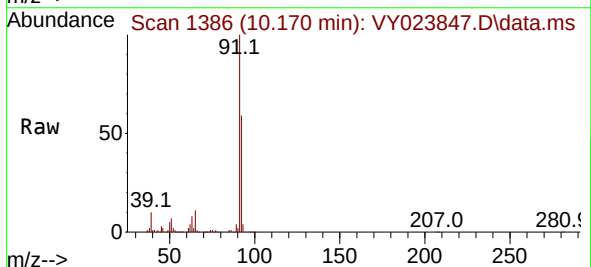
Tgt Ion: 43 Resp: 68927
Ion Ratio Lower Upper
43 100
58 39.3 32.4 48.6

Manual Integrations
APPROVED

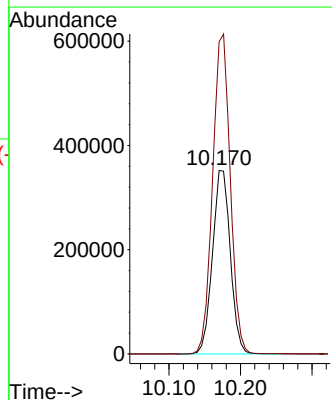
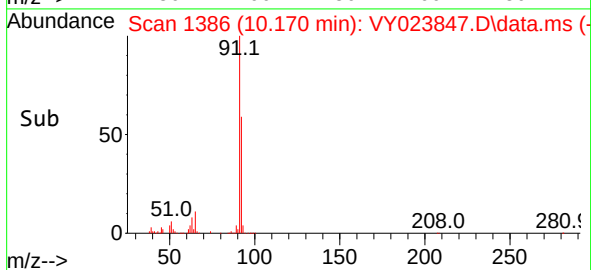
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

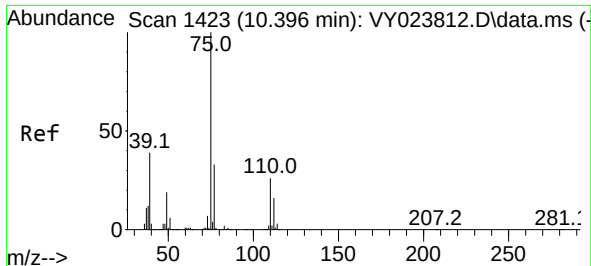


#52
Toluene
Concen: 48.160 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



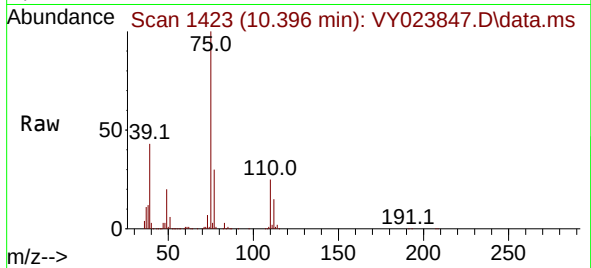
Tgt Ion: 92 Resp: 608980
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 46.237 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

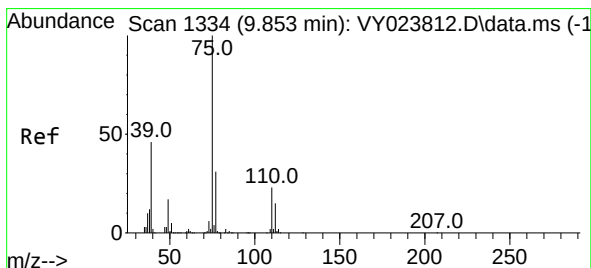
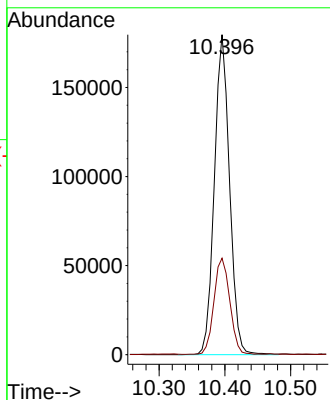
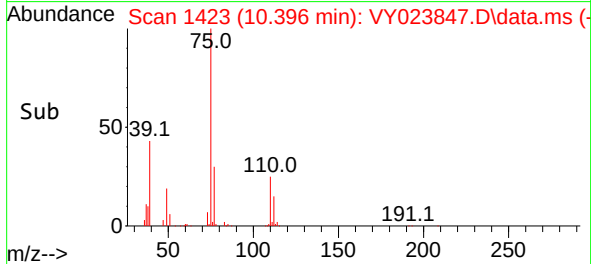
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 288852
Ion Ratio Lower Upper
75 100
77 30.0 26.2 39.2

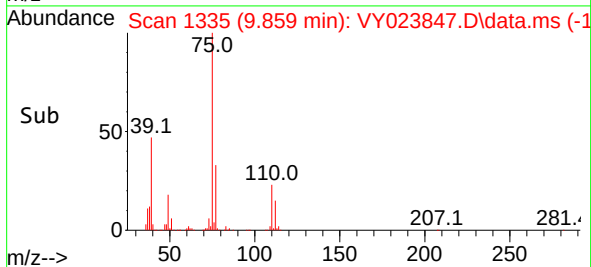
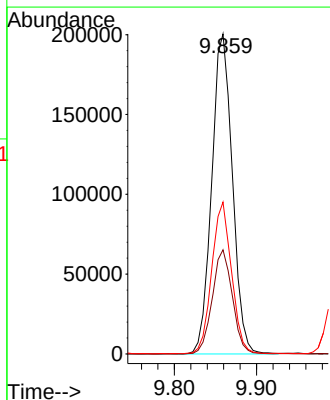
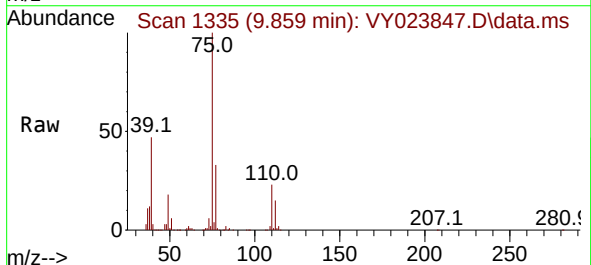
Manual Integrations
APPROVED

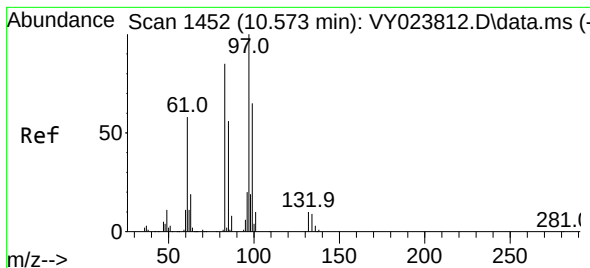
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#54
cis-1,3-Dichloropropene
Concen: 46.787 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

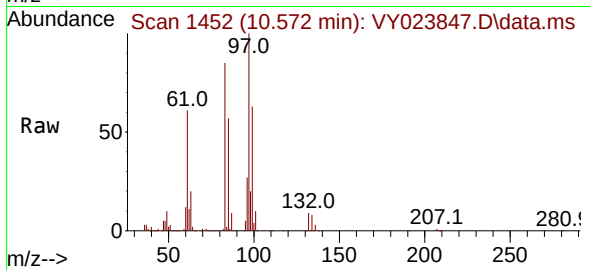
Tgt Ion: 75 Resp: 349871
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 47.3 36.6 55.0





#55
1,1,2-Trichloroethane
Concen: 47.750 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

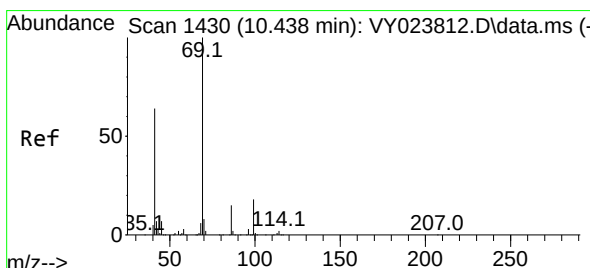
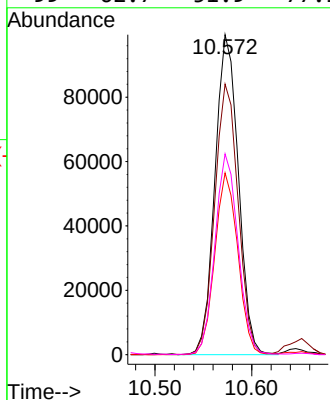
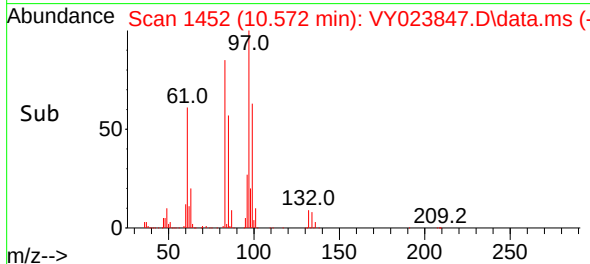


Tgt Ion: 97 Resp: 16691

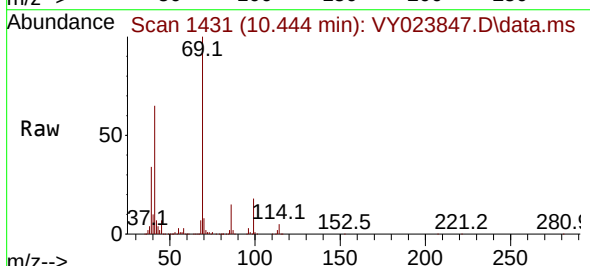
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.1	102.1
85	56.7	45.0	67.4
99	62.7	51.9	77.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

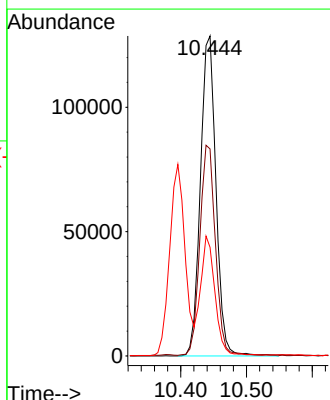
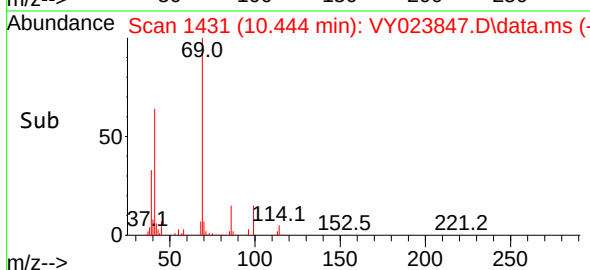


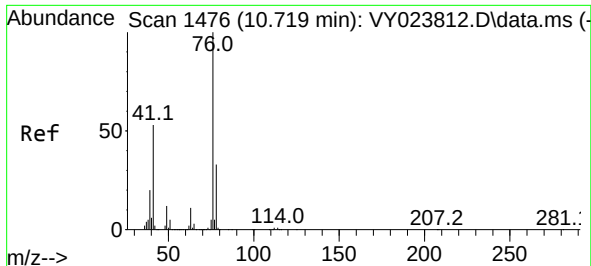
#56
Ethyl methacrylate
Concen: 46.128 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



Tgt Ion: 69 Resp: 211727

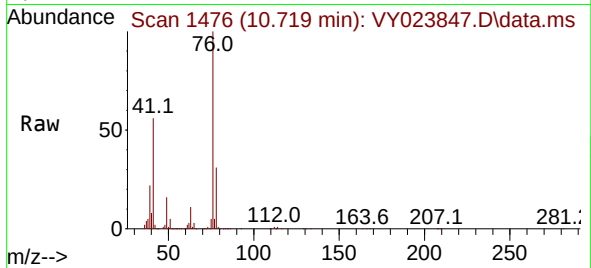
Ion	Ratio	Lower	Upper
69	100		
41	65.8	50.9	76.3
39	34.2	26.6	40.0





#57
1,3-Dichloropropane
Concen: 47.856 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

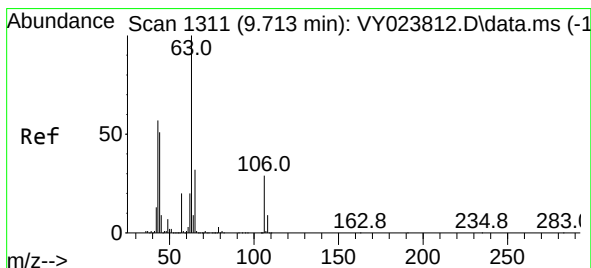
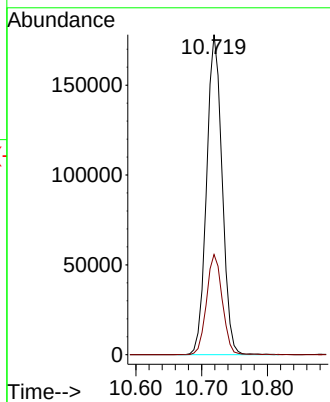
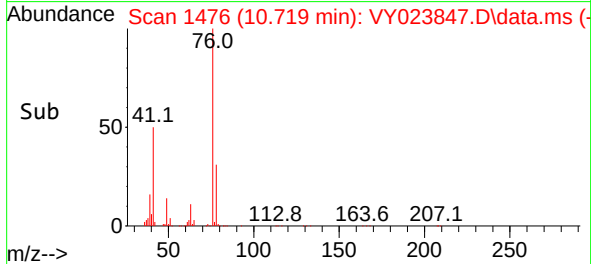
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



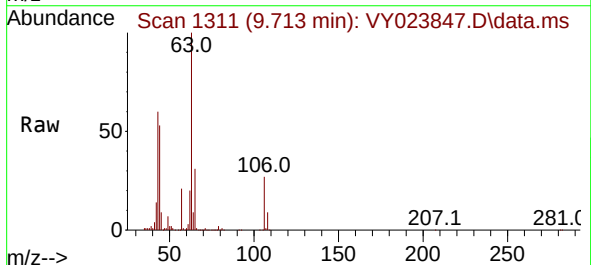
Tgt Ion: 76 Resp: 291822
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0

Manual Integrations
APPROVED

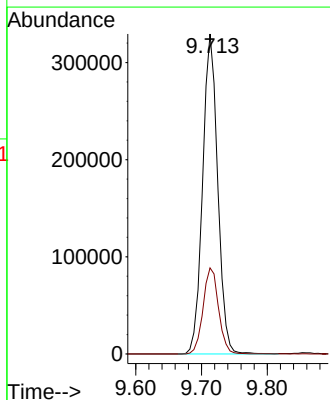
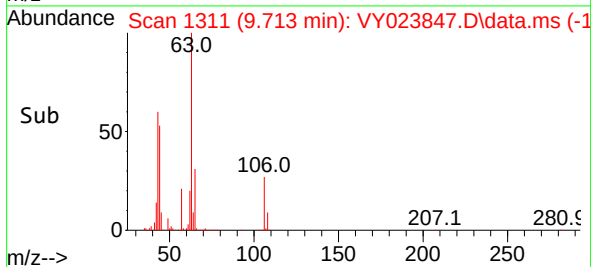
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

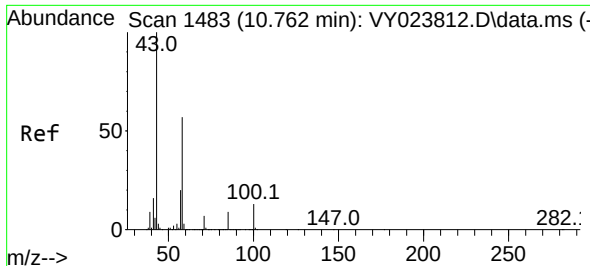


#58
2-Chloroethyl Vinyl ether
Concen: 238.074 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



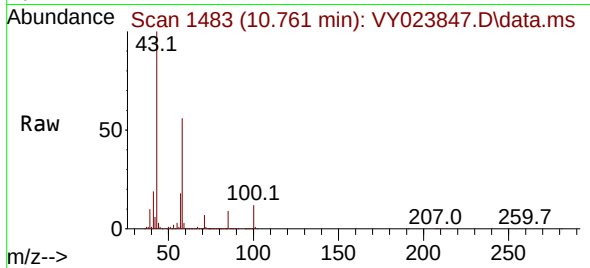
Tgt Ion: 63 Resp: 524954
Ion Ratio Lower Upper
63 100
106 27.5 22.2 33.2





#59
2-Hexanone
Concen: 203.536 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

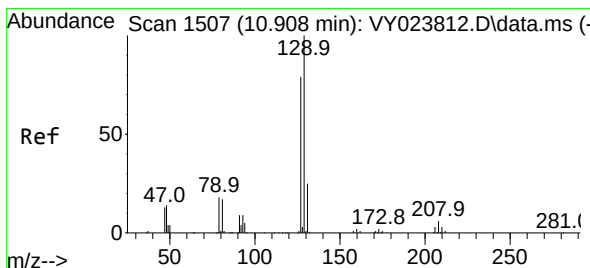
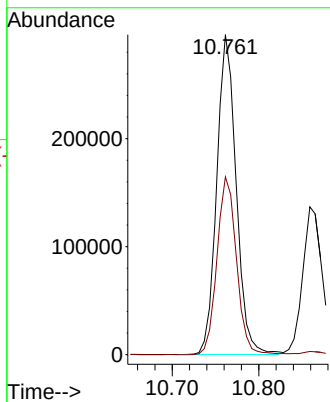
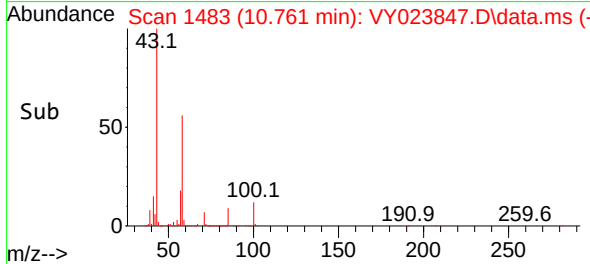
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 461630
Ion Ratio Lower Upper
43 100
58 55.8 28.3 85.0

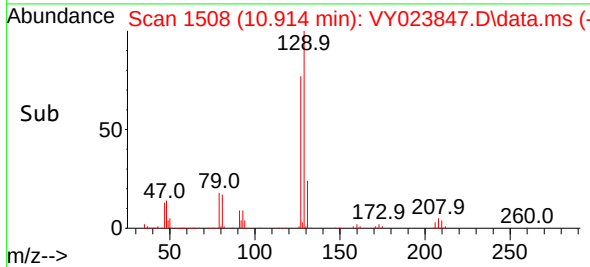
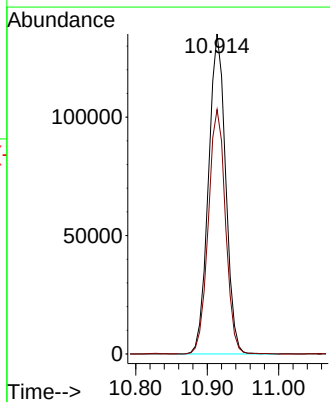
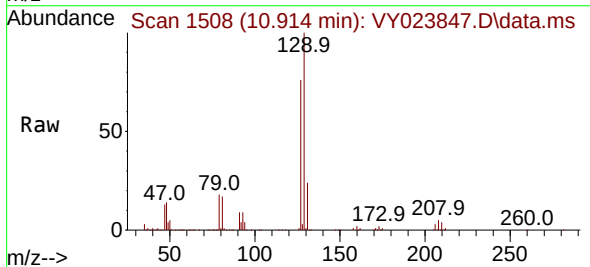
Manual Integrations
APPROVED

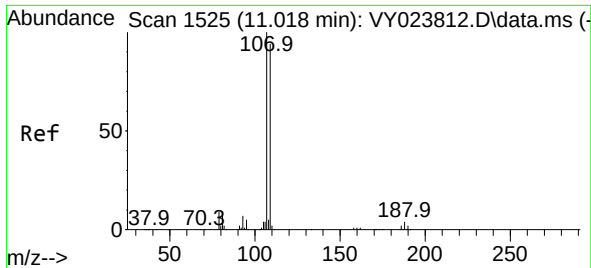
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#60
Dibromochloromethane
Concen: 48.054 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

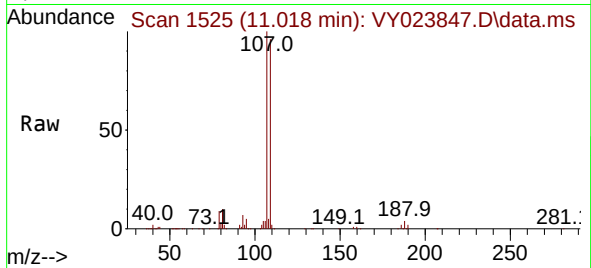
Tgt Ion:129 Resp: 225415
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 46.085 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

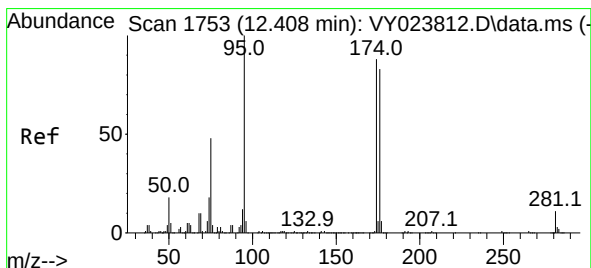
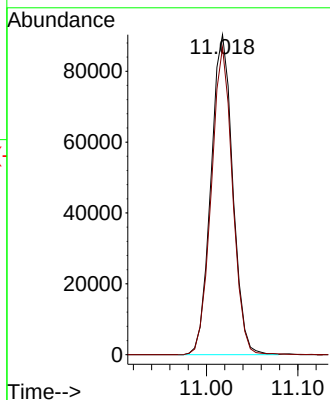
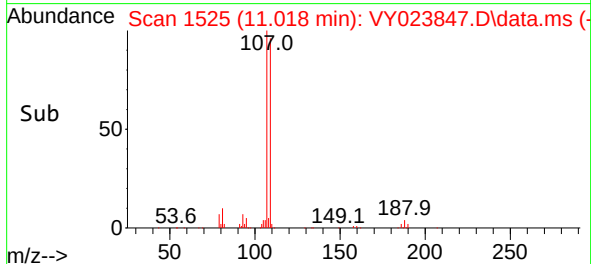
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



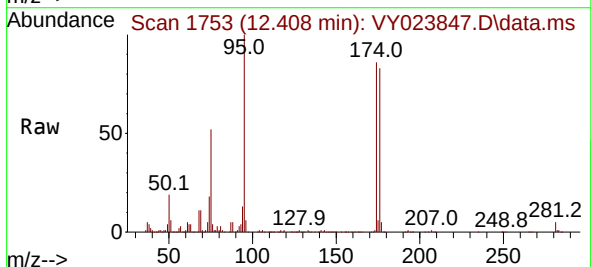
Tgt Ion:107 Resp: 149538
Ion Ratio Lower Upper
107 100
109 93.6 76.7 115.1

Manual Integrations
APPROVED

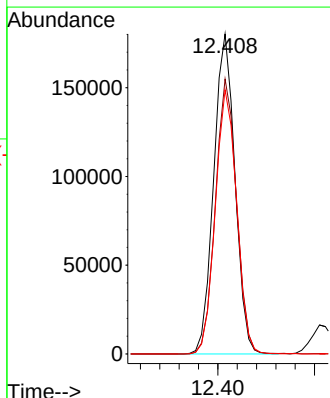
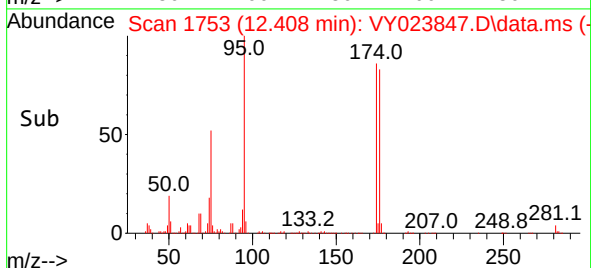
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

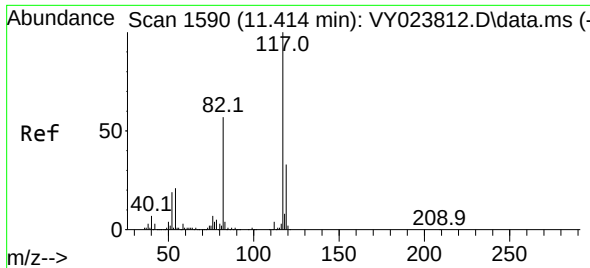


#62
4-Bromofluorobenzene
Concen: 48.609 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



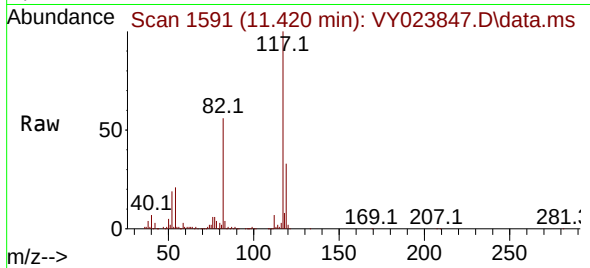
Tgt Ion: 95 Resp: 274629
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.6
176 83.0 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

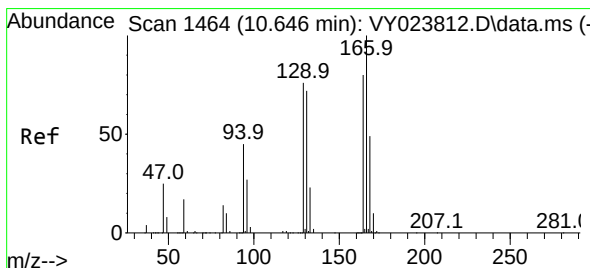
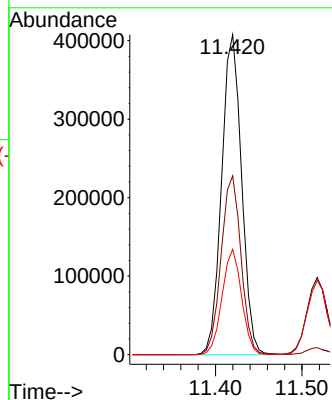
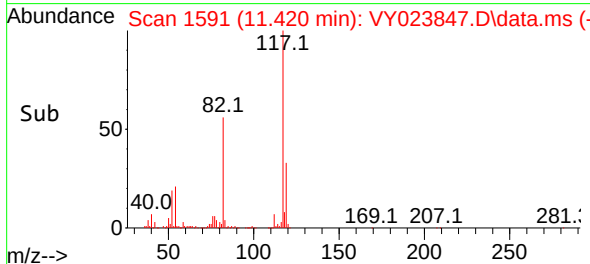
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



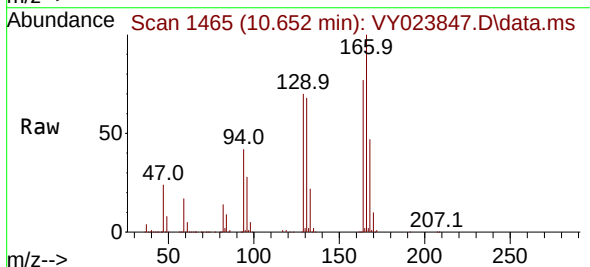
Tgt Ion:117 Resp: 65234
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 32.9 26.0 39.0

Manual Integrations
APPROVED

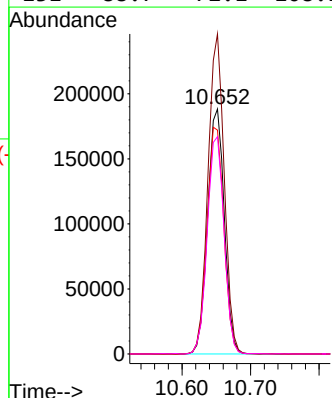
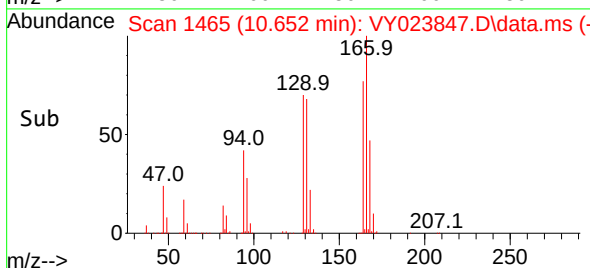
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

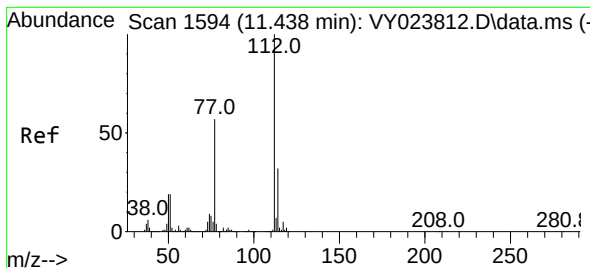


#64
Tetrachloroethene
Concen: 51.644 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



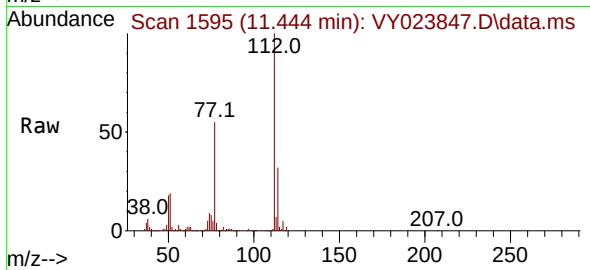
Tgt Ion:164 Resp: 319597
Ion Ratio Lower Upper
164 100
166 130.6 100.6 150.8
129 91.3 76.0 114.0
131 88.7 72.1 108.1





#65
Chlorobenzene
Concen: 46.445 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

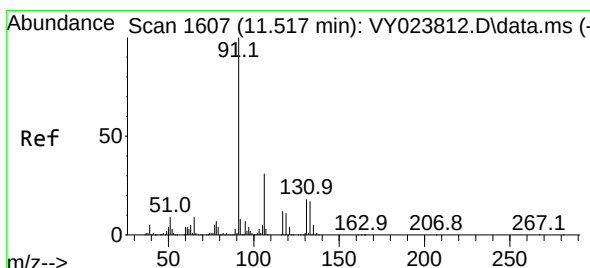
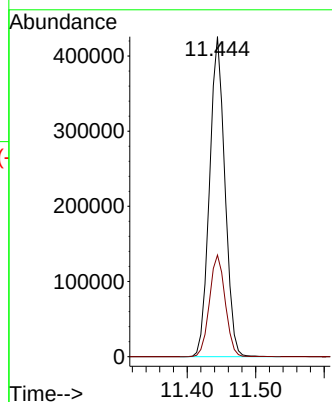
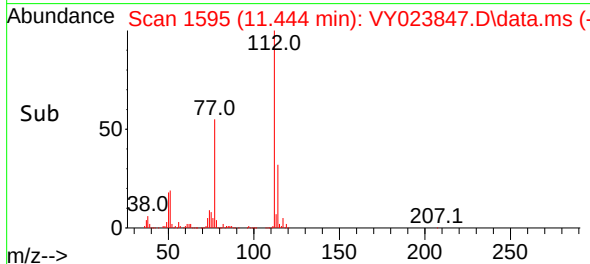
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



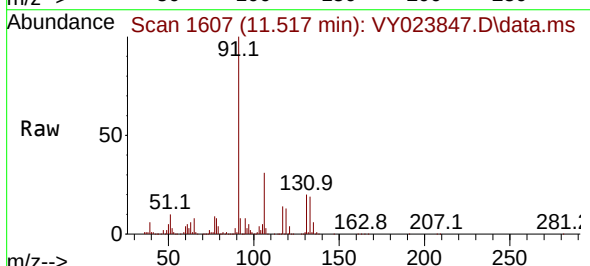
Tgt Ion:112 Resp: 665068
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

Manual Integrations
APPROVED

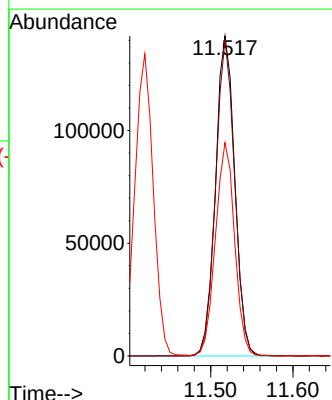
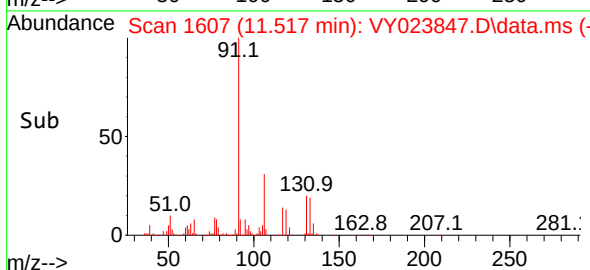
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

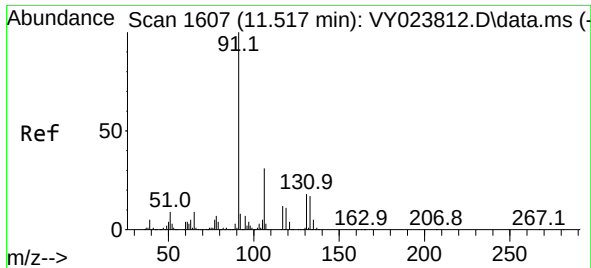


#66
1,1,1,2-Tetrachloroethane
Concen: 47.526 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



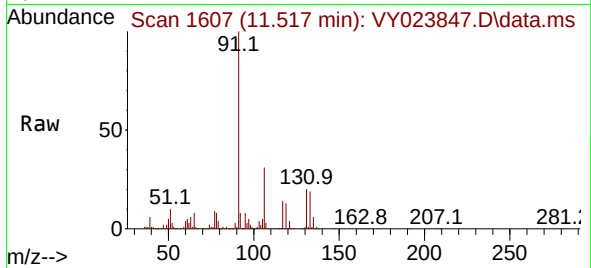
Tgt Ion:131 Resp: 231195
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 66.3 33.0 98.9





#67
Ethyl Benzene
Concen: 47.432 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

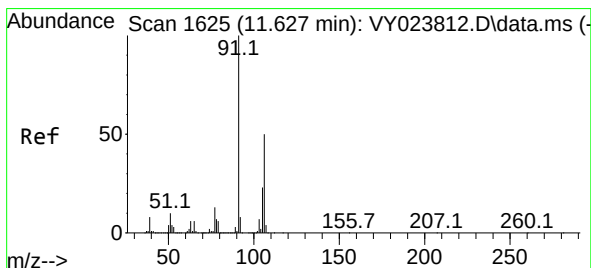
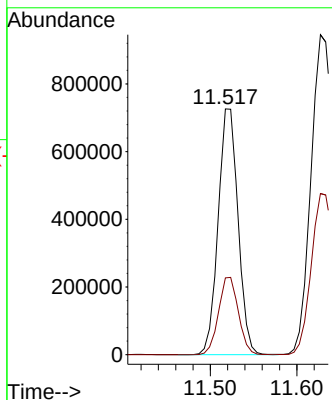
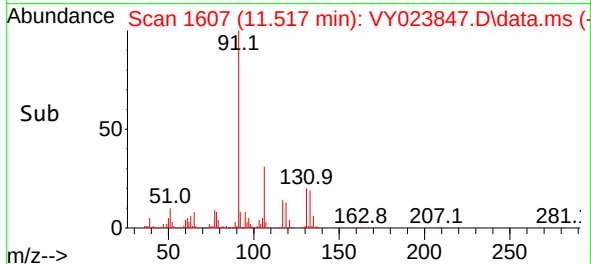
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



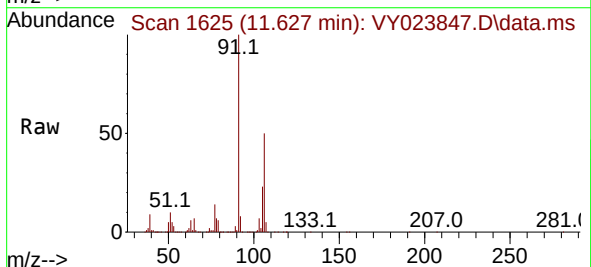
Tgt Ion: 91 Resp: 116011
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

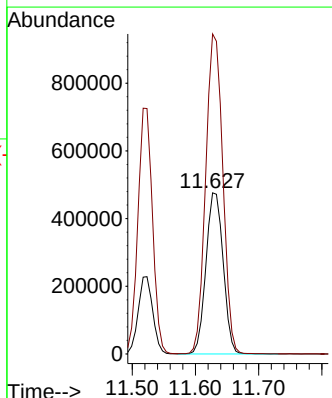
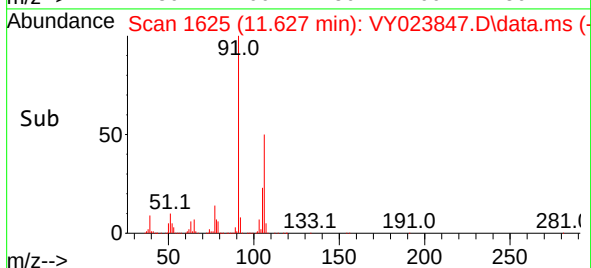
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

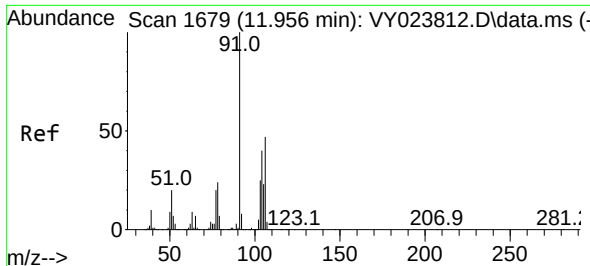


#68
m/p-Xylenes
Concen: 95.464 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



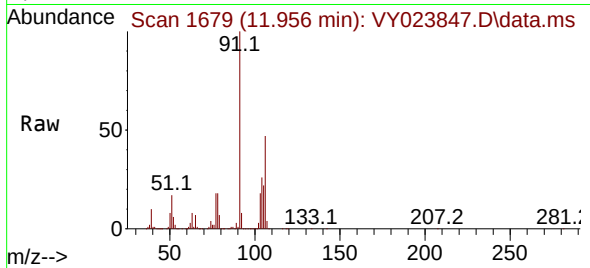
Tgt Ion:106 Resp: 899744
Ion Ratio Lower Upper
106 100
91 198.0 159.5 239.3





#69
o-Xylene
Concen: 47.782 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

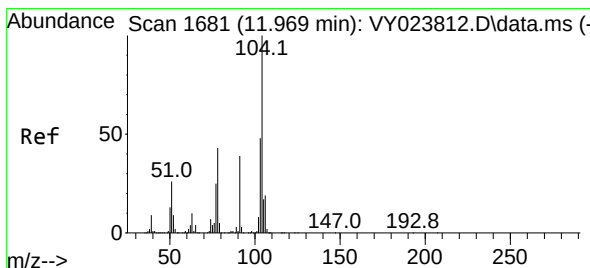
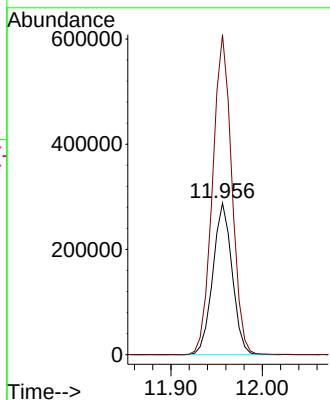
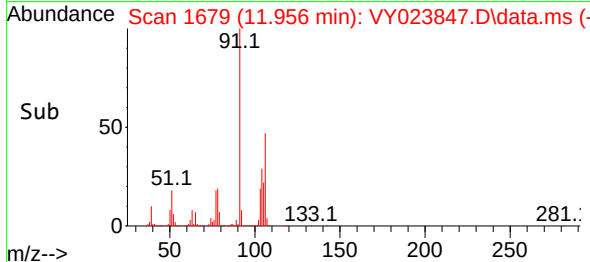
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



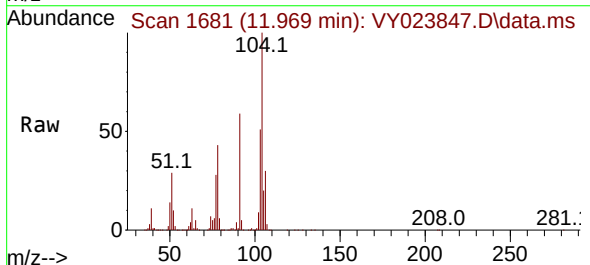
Tgt Ion:106 Resp: 422198
Ion Ratio Lower Upper
106 100
91 211.2 106.5 319.6

Manual Integrations
APPROVED

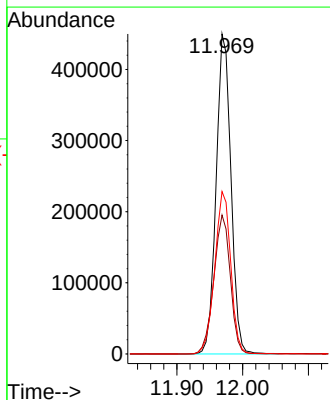
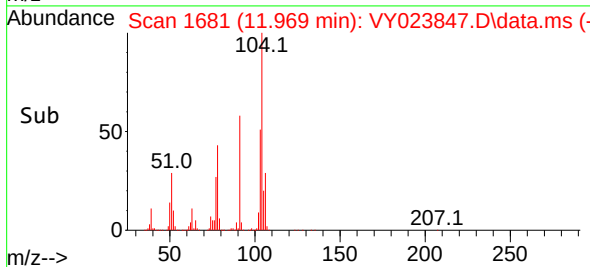
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

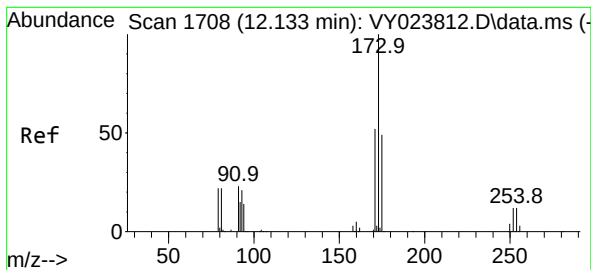


#70
Styrene
Concen: 48.485 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



Tgt Ion:104 Resp: 705730
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 54.9 43.4 65.0





#71

Bromoform

Concen: 44.910 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 127435

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

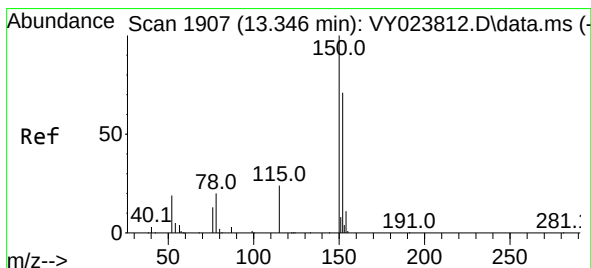
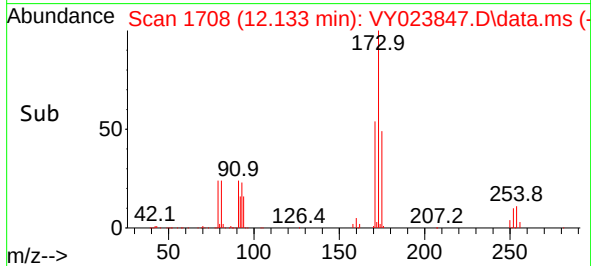
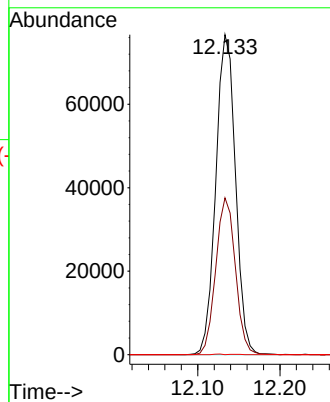
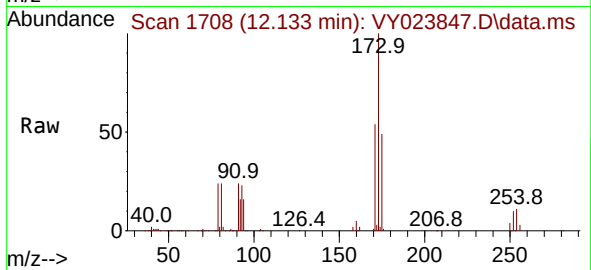
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

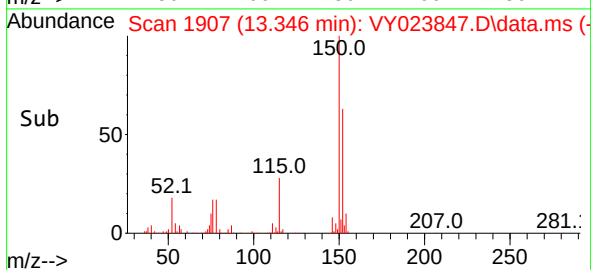
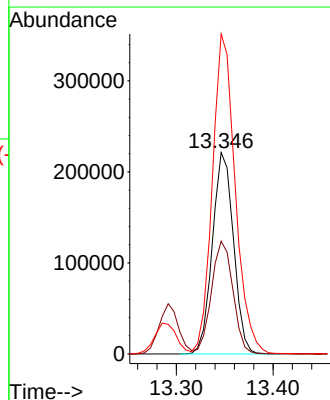
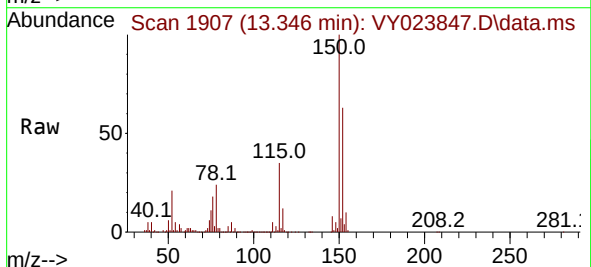
Tgt Ion:152 Resp: 335536

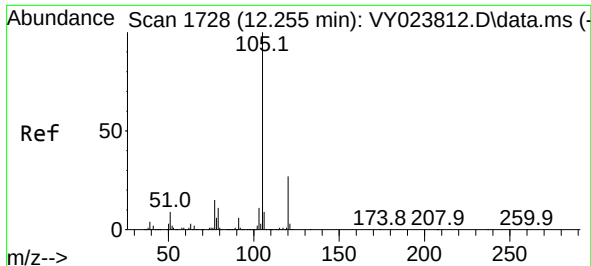
Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

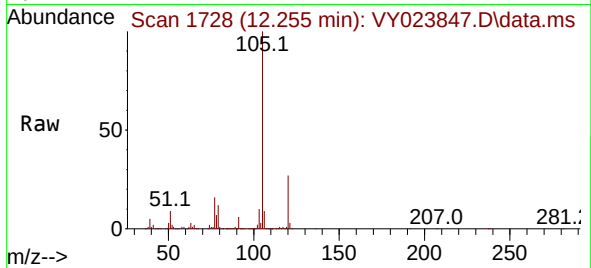
150 171.8 0.0 345.6





#73
Isopropylbenzene
Concen: 46.966 ug/l
RT: 12.255 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

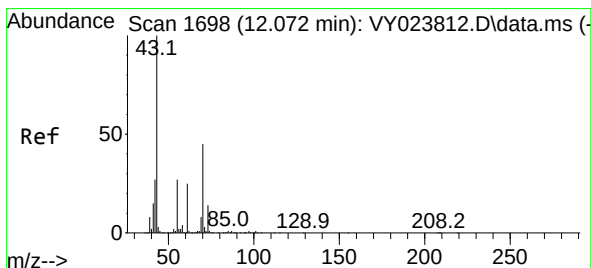
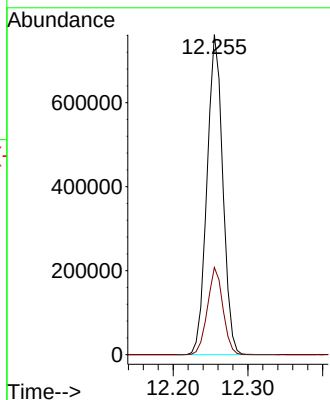
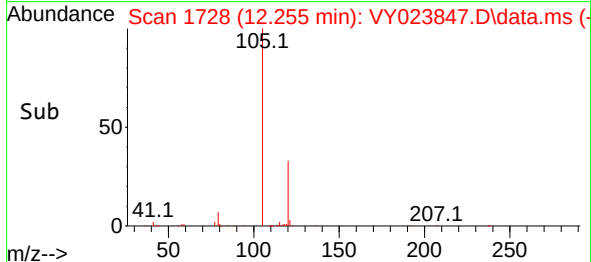
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



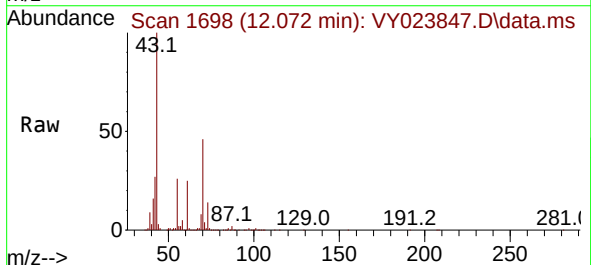
Tgt Ion:105 Resp: 1118434
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8

Manual Integrations
APPROVED

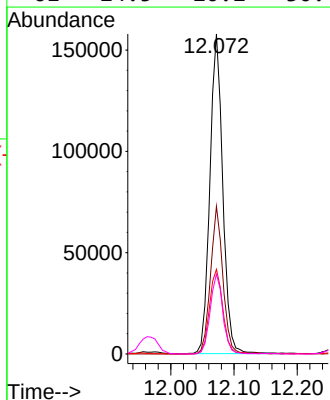
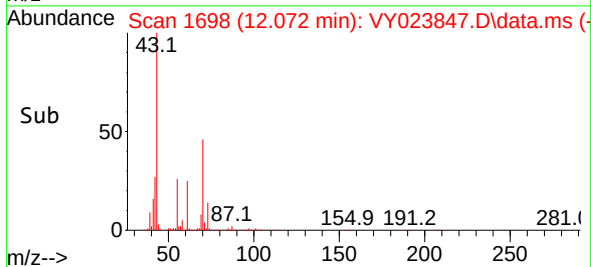
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

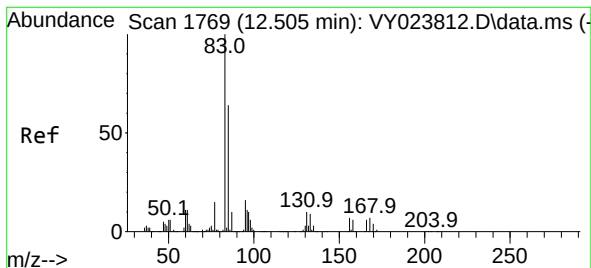


#74
N-ethyl acetate
Concen: 42.041 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



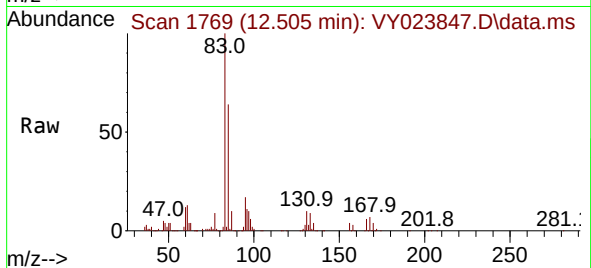
Tgt Ion: 43 Resp: 223669
Ion Ratio Lower Upper
43 100
70 44.5 36.2 54.2
55 27.4 21.8 32.8
61 24.5 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 38.959 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

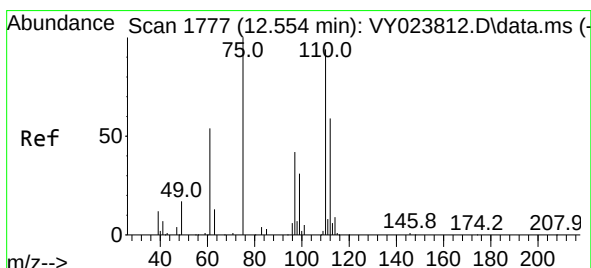
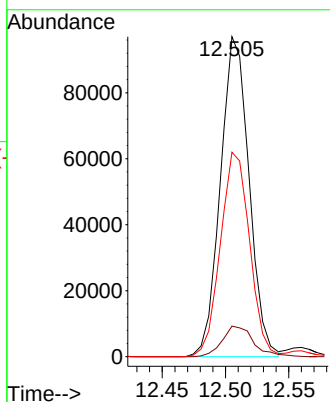
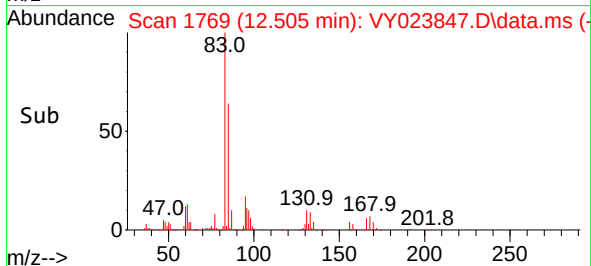
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



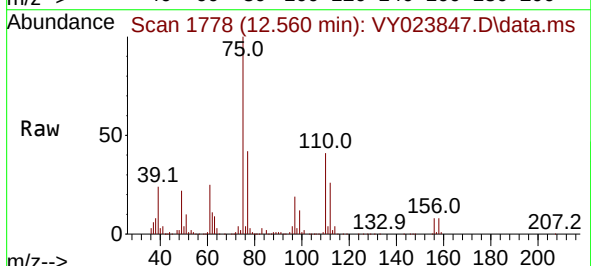
Tgt Ion: 83 Resp: 152749
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 65.1 31.9 95.5

Manual Integrations
APPROVED

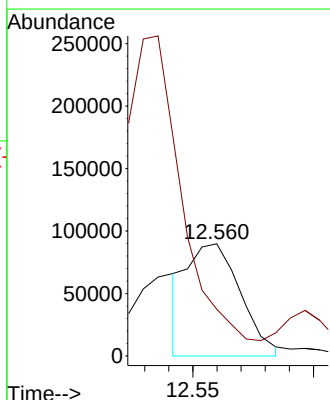
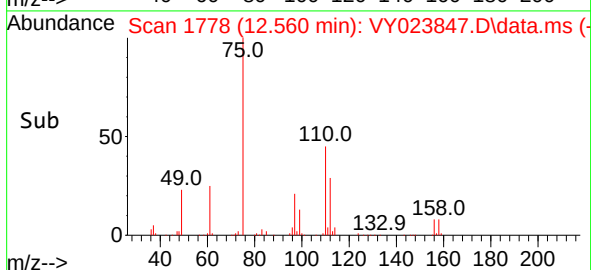
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

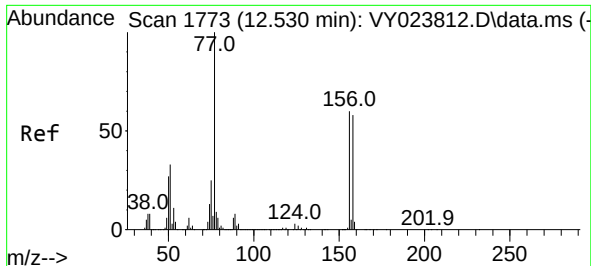


#76
1,2,3-Trichloropropane
Concen: 47.413 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



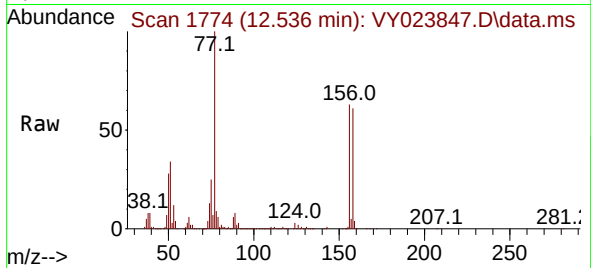
Tgt Ion: 75 Resp: 138344
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 45.315 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

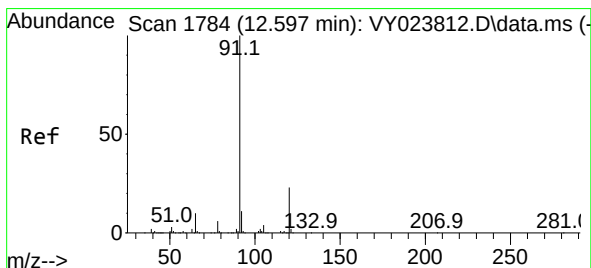
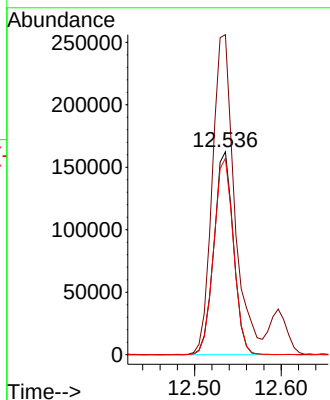
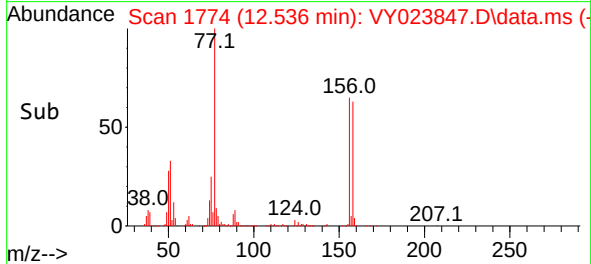
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 253818
Ion Ratio Lower Upper
156 100
77 180.1 90.8 272.3
158 98.1 48.4 145.3

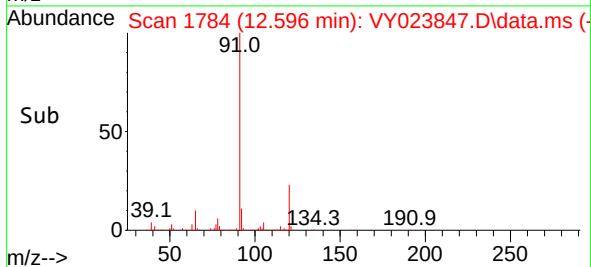
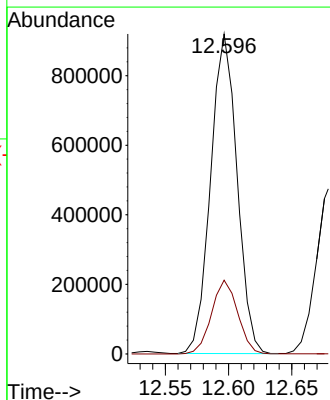
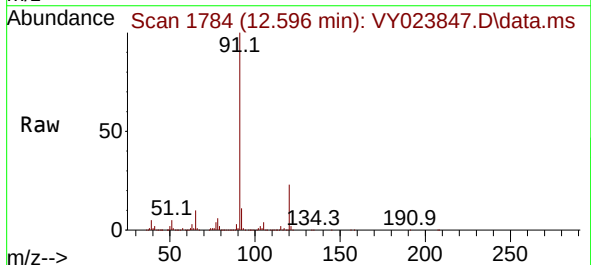
Manual Integrations
APPROVED

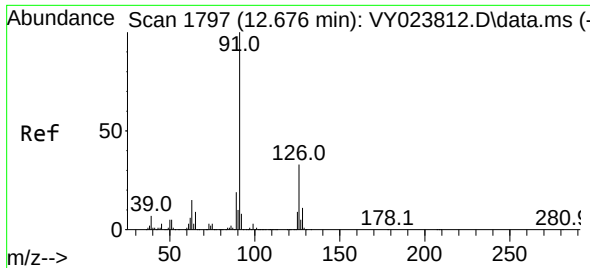
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#78
n-propylbenzene
Concen: 46.579 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

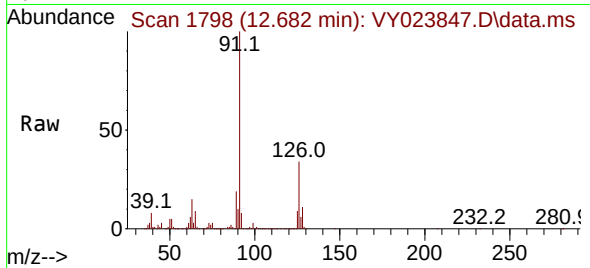
Tgt Ion: 91 Resp: 1335472
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





#79
2-Chlorotoluene
Concen: 46.372 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

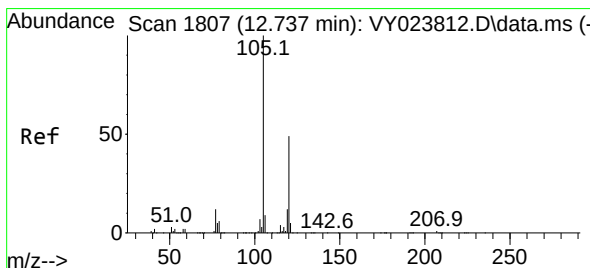
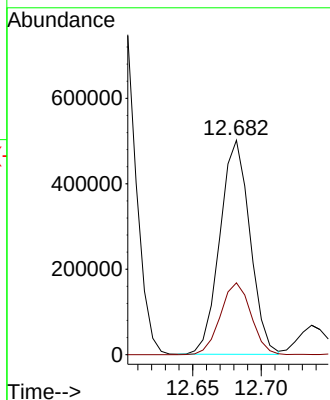
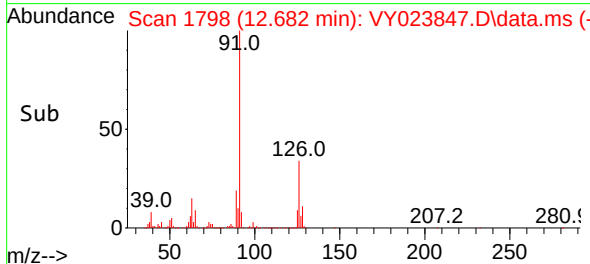
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



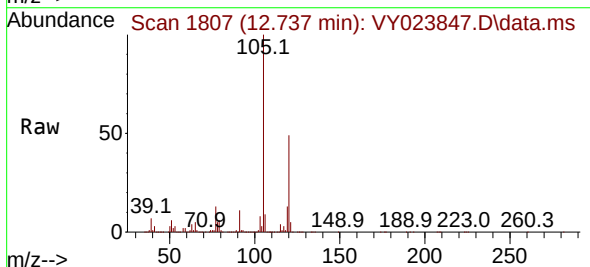
Tgt Ion: 91 Resp: 765194
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9

Manual Integrations
APPROVED

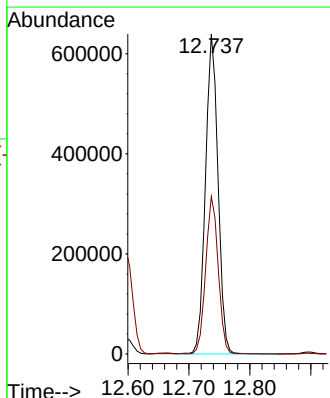
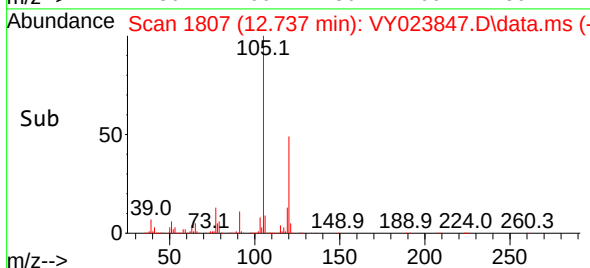
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

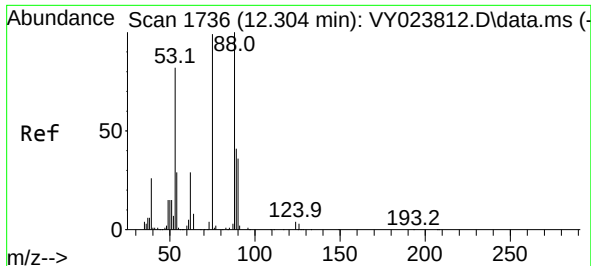


#80
1,3,5-Trimethylbenzene
Concen: 46.983 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



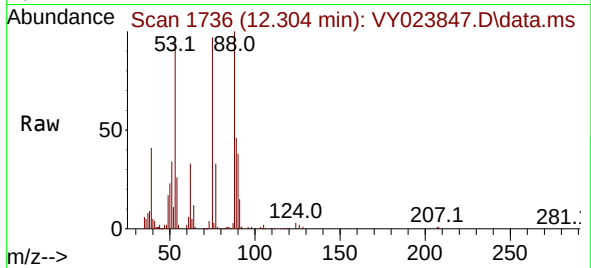
Tgt Ion:105 Resp: 913368
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.448 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

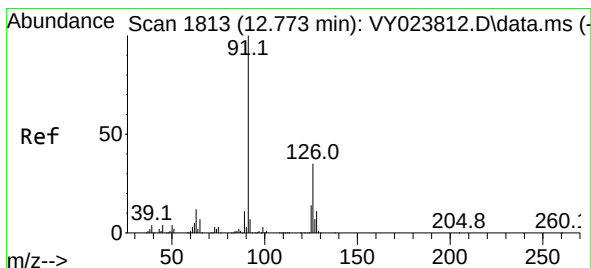
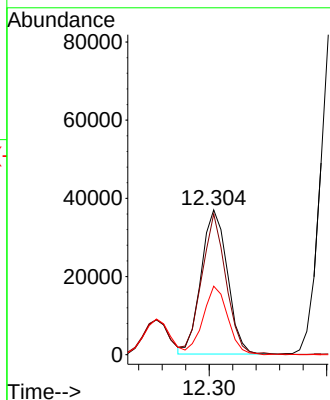
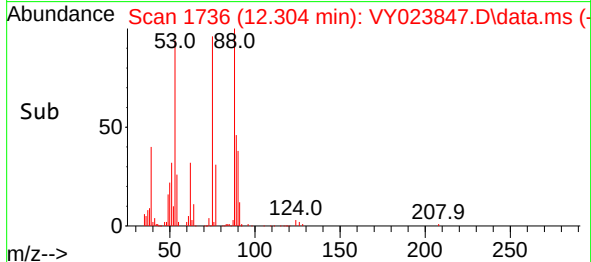
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5721
Ion Ratio Lower Upper
75 100
53 91.6 71.3 106.9
89 44.4 37.0 55.4

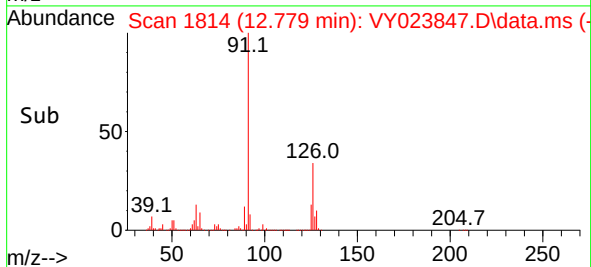
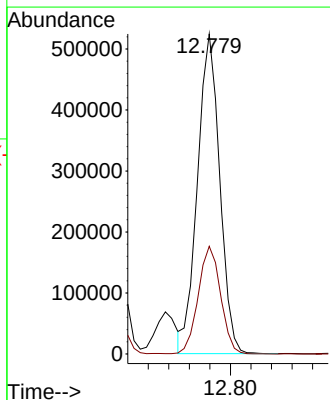
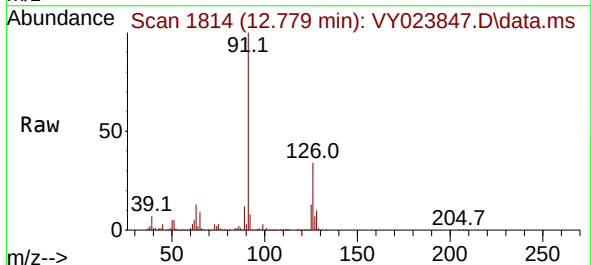
Manual Integrations
APPROVED

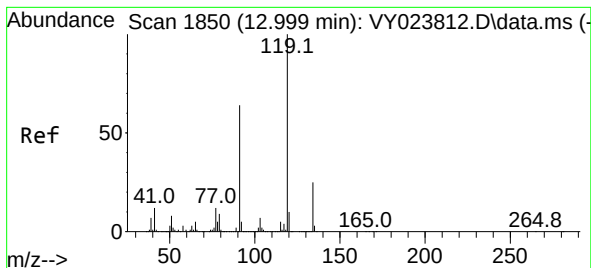
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#82
4-Chlorotoluene
Concen: 46.491 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

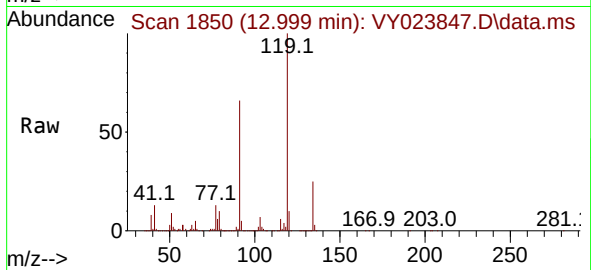
Tgt Ion: 91 Resp: 787868
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 46.169 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

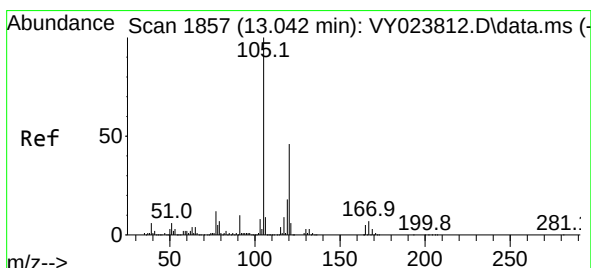
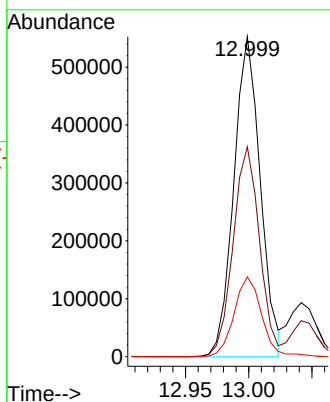
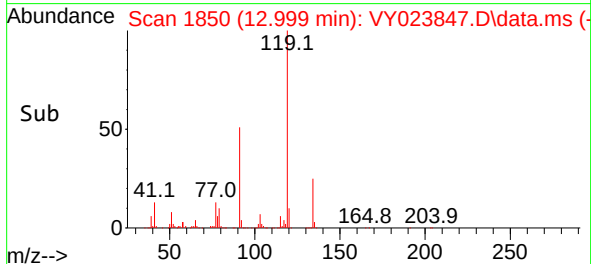
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



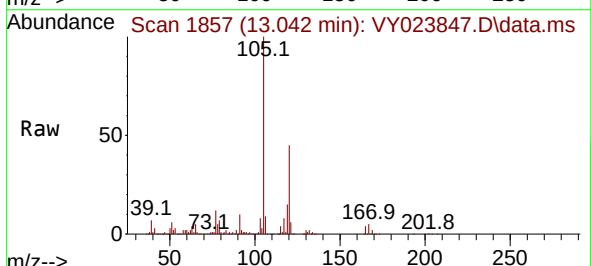
Tgt Ion:119 Resp: 806300
Ion Ratio Lower Upper
119 100
91 65.3 32.0 96.0
134 26.0 12.8 38.4

Manual Integrations
APPROVED

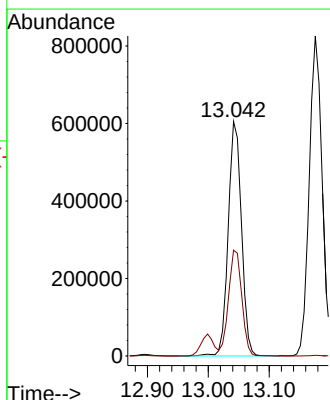
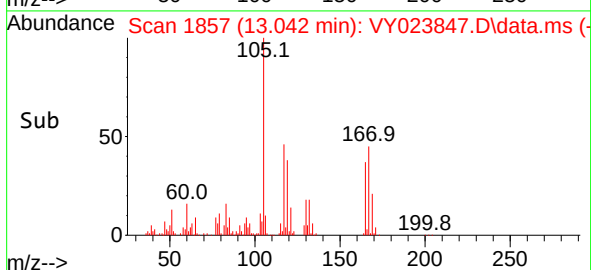
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

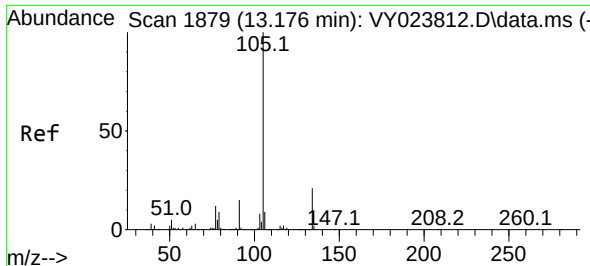


#84
1,2,4-Trimethylbenzene
Concen: 46.938 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



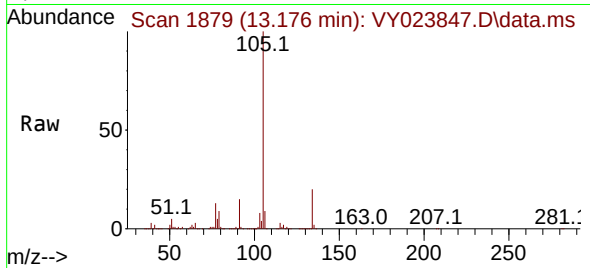
Tgt Ion:105 Resp: 911928
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 46.842 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

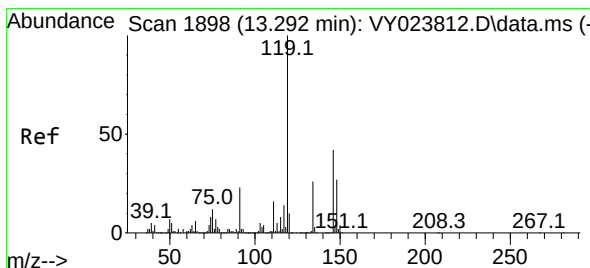
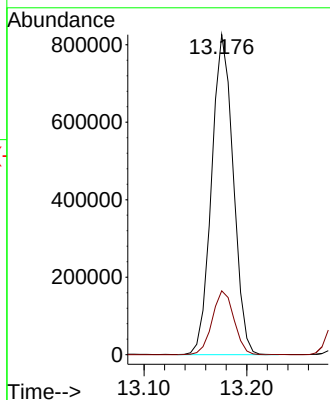
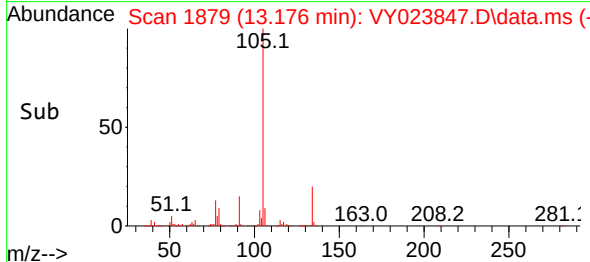
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



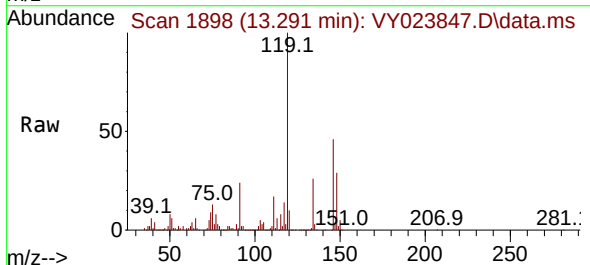
Tgt Ion:105 Resp: 1207562
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

Manual Integrations
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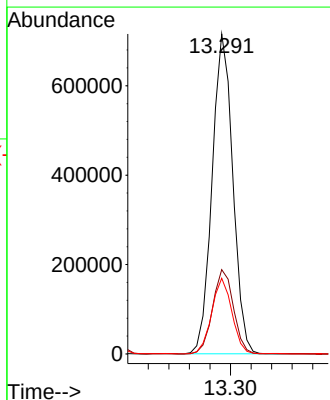
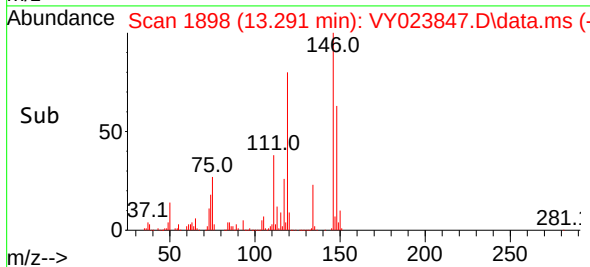
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

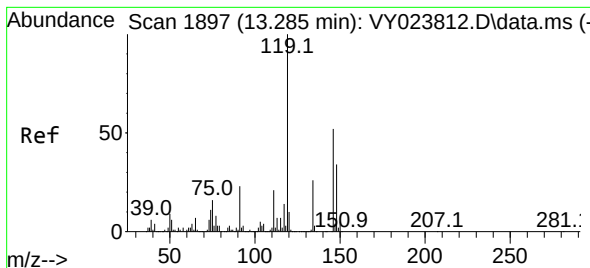


#86
 p-Isopropyltoluene
 Concen: 46.374 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47



Tgt Ion:119 Resp: 999259
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.0 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 45.273 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 508220

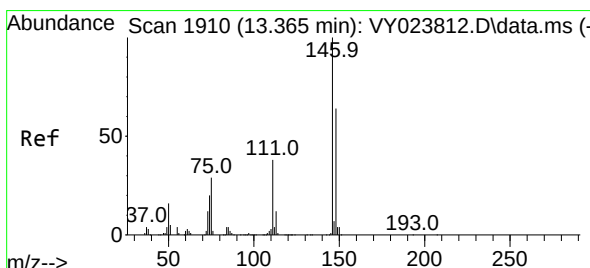
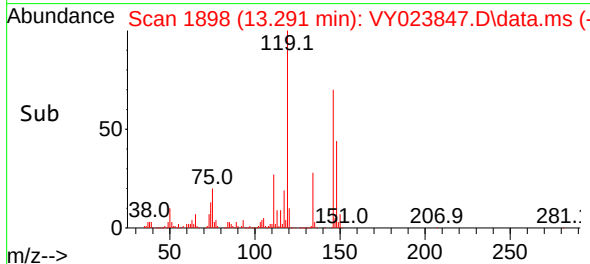
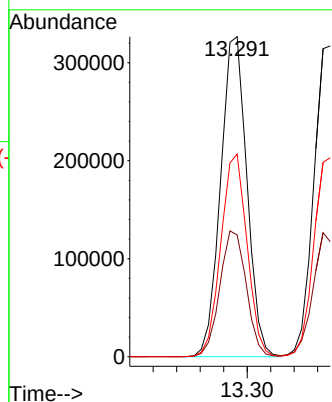
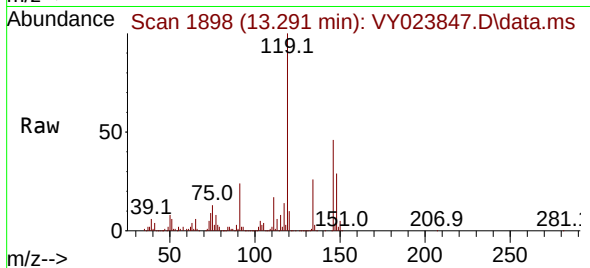
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	63.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#88

1,4-Dichlorobenzene

Concen: 44.314 ug/l

RT: 13.371 min Scan# 1911

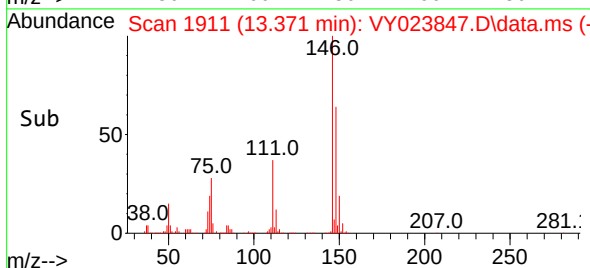
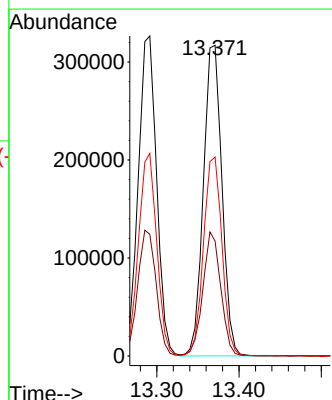
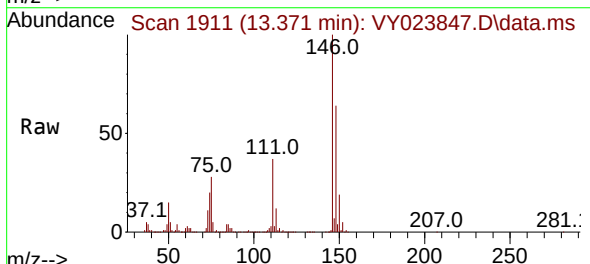
Delta R.T. 0.006 min

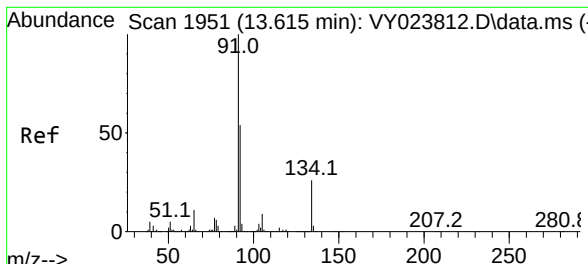
Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion:146 Resp: 496543

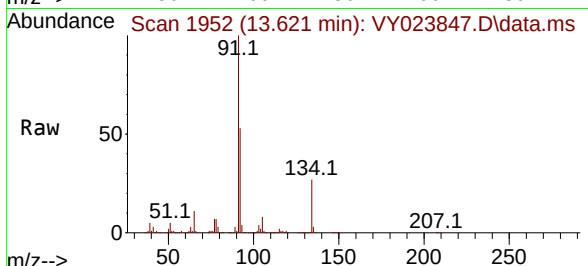
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.9	32.0	96.0





#89
n-Butylbenzene
Concen: 45.082 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

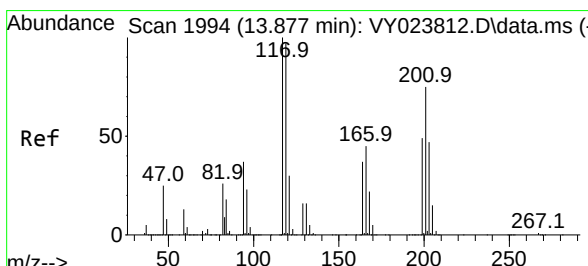
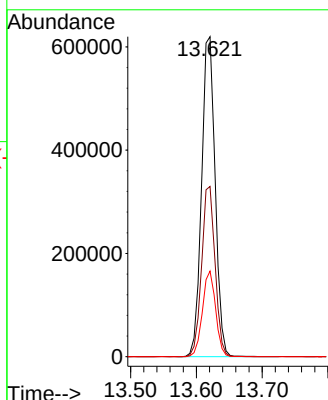
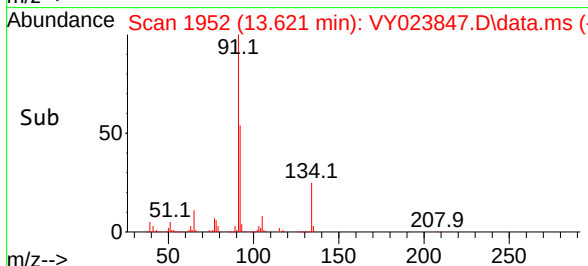
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 89070
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 26.0 13.0 39.0

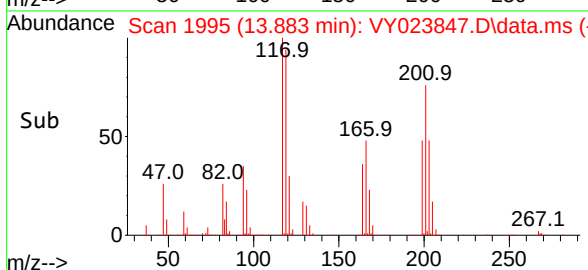
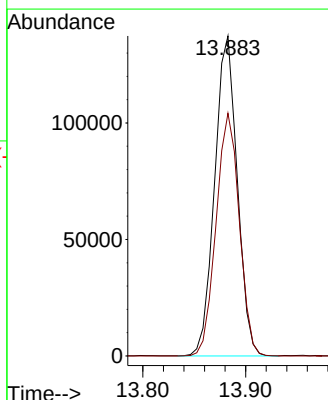
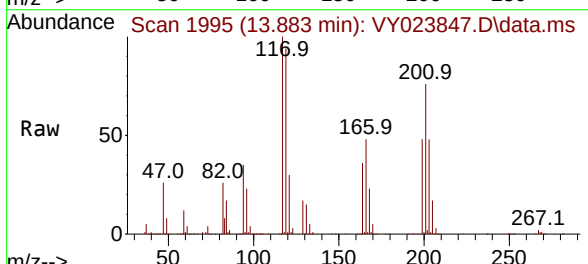
Manual Integrations
APPROVED

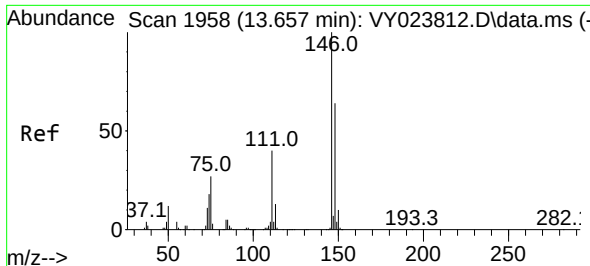
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#90
Hexachloroethane
Concen: 46.319 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

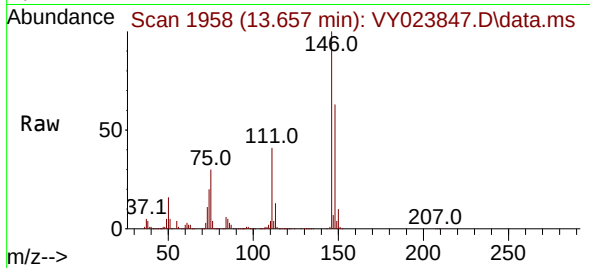
Tgt Ion:117 Resp: 209699
Ion Ratio Lower Upper
117 100
201 77.6 38.6 115.8





#91
1,2-Dichlorobenzene
Concen: 45.591 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

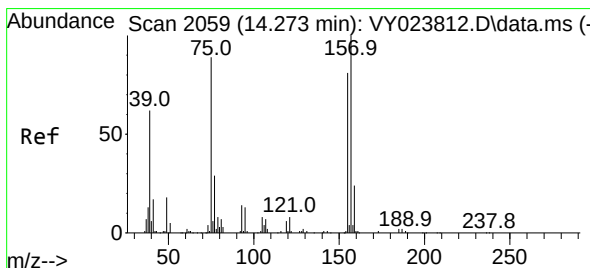
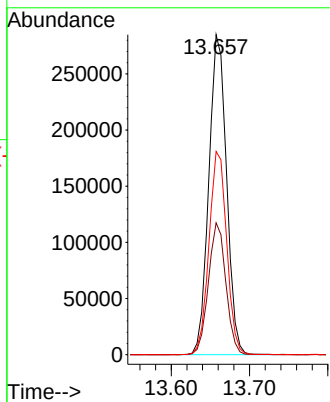
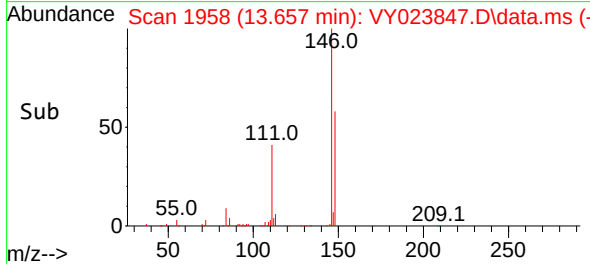
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



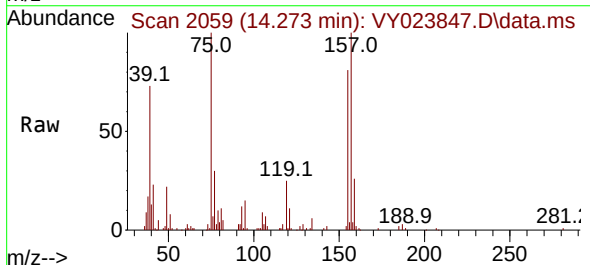
Tgt Ion:146 Resp: 447558
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.5
148 63.4 32.1 96.5

Manual Integrations
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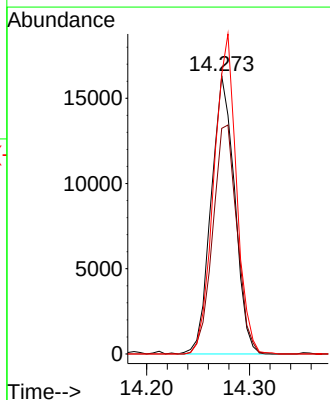
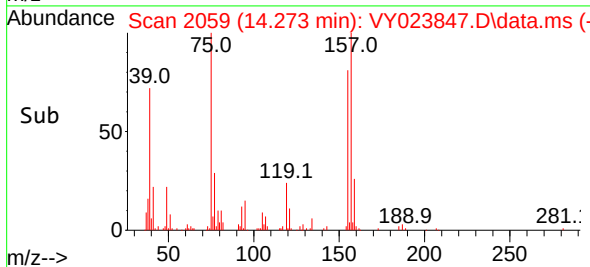
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

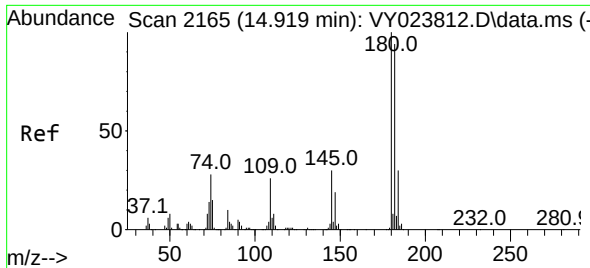


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.504 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47



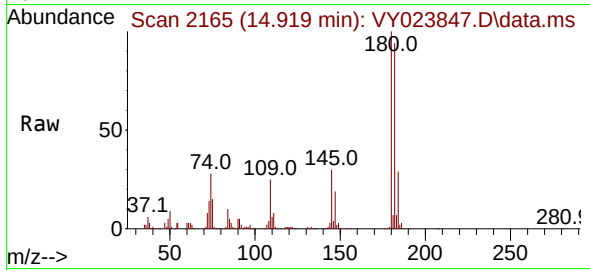
Tgt Ion: 75 Resp: 25925
Ion Ratio Lower Upper
75 100
155 84.5 44.0 132.1
157 110.0 54.6 163.8





#93
1,2,4-Trichlorobenzene
Concen: 41.732 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

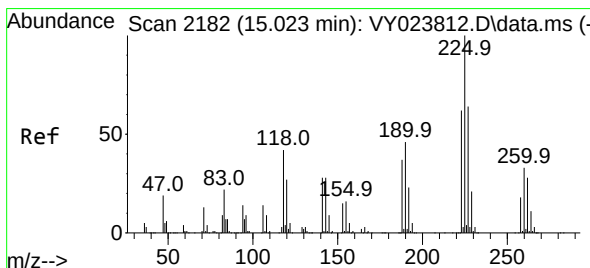
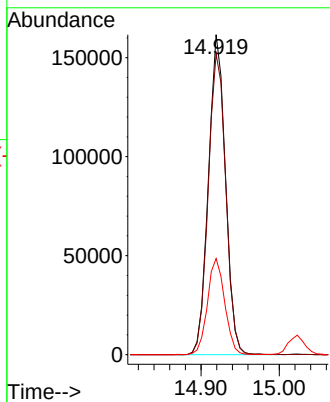
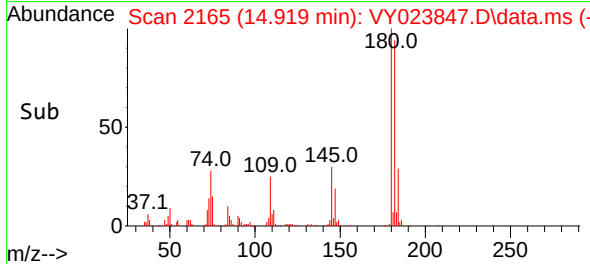
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 244258
Ion Ratio Lower Upper
180 100
182 96.6 47.2 141.6
145 30.4 15.4 46.2

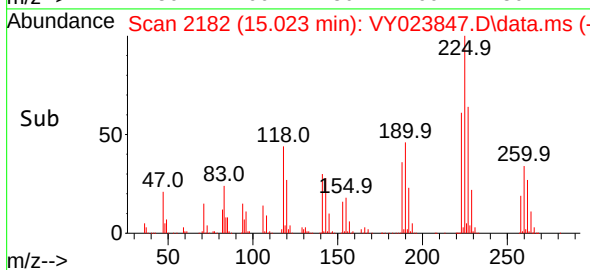
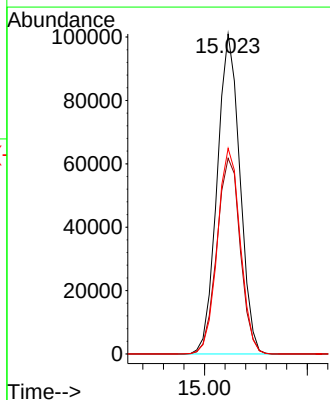
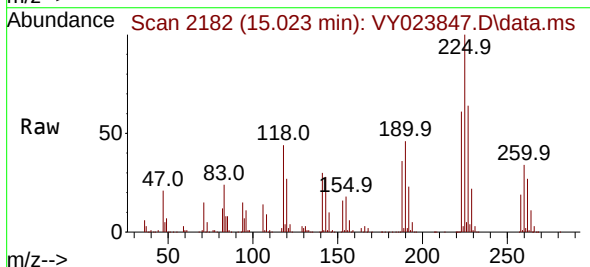
Manual Integrations
APPROVED

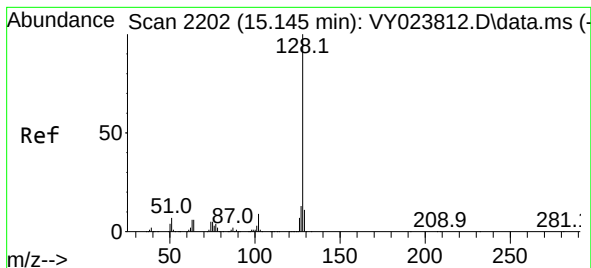
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#94
Hexachlorobutadiene
Concen: 42.485 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

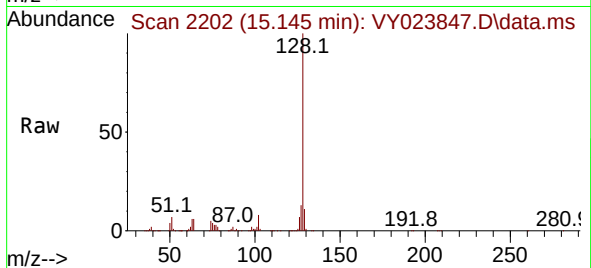
Tgt Ion:225 Resp: 154861
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 64.6 32.8 98.3





#95
Naphthalene
Concen: 41.364 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

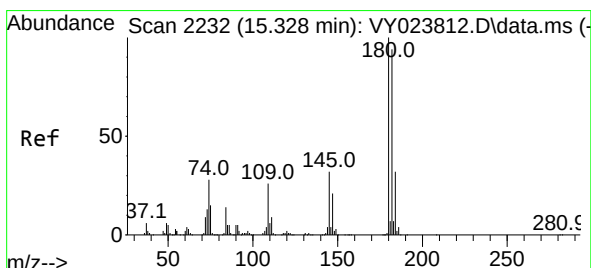
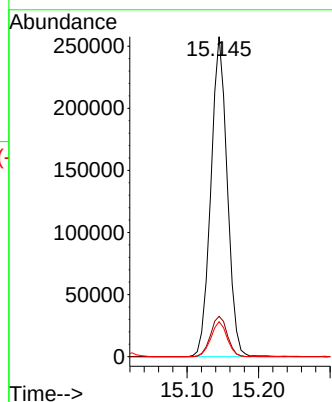
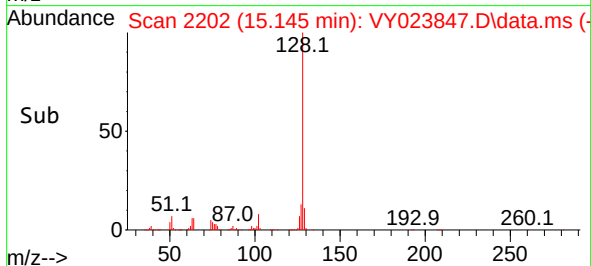
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 408309
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.430 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion:180 Resp: 211509
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 31.9 16.5 49.5

