

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046861.D
 Acq On : 02 Jul 2025 12:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 03 05:30:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	396691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	652365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	592225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	28658	5.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.940%#		
35) Dibromofluoromethane	5.397	113	23179	5.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.460%#		
50) Toluene-d8	8.647	98	83349	5.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.079	95	32156	5.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.840%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	17184	4.530	ug/l	99
3) Chloromethane	1.306	50	20130	4.857	ug/l	95
4) Vinyl Chloride	1.386	62	21789	4.827	ug/l	99
5) Bromomethane	1.623	94	15966	5.505	ug/l	93
6) Chloroethane	1.703	64	14497	4.864	ug/l	97
7) Trichlorofluoromethane	1.904	101	34689	4.970	ug/l	98
8) Diethyl Ether	2.148	74	12204	4.914	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	22655	5.094	ug/l	98
10) Methyl Iodide	2.465	142	18441	3.806	ug/l	95
11) Tert butyl alcohol	2.952	59	8771	25.519	ug/l	100
12) 1,1-Dichloroethene	2.337	96	22008	5.116	ug/l	100
13) Acrolein	2.245	56	14598	40.835	ug/l	98
14) Allyl chloride	2.678	41	37266	4.866	ug/l	95
15) Acrylonitrile	3.074	53	47130	23.621	ug/l	100
16) Acetone	2.385	43	41693	25.612	ug/l	94
17) Carbon Disulfide	2.526	76	56543	5.012	ug/l	98
18) Methyl Acetate	2.715	43	18796	4.381	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	58304	4.800	ug/l	96
20) Methylene Chloride	2.800	84	24790	5.150	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	22385	5.086	ug/l	98
22) Diisopropyl ether	3.763	45	72646	4.910	ug/l #	74
23) Vinyl Acetate	3.733	43	265941	23.992	ug/l	97
24) 1,1-Dichloroethane	3.617	63	42994	5.095	ug/l	97
25) 2-Butanone	4.568	43	53597	24.678	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29599	4.713	ug/l	79
27) cis-1,2-Dichloroethene	4.501	96	26549	4.940	ug/l	96
28) Bromochloromethane	4.915	49	21555	5.176	ug/l	94
29) Tetrahydrofuran	5.019	42	32120	23.200	ug/l	98
30) Chloroform	5.098	83	43886	5.091	ug/l	99
31) Cyclohexane	5.482	56	38601	5.153	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	35598	4.943	ug/l	95
36) 1,1-Dichloropropene	5.702	75	31138	5.212	ug/l	98
37) Ethyl Acetate	4.733	43	24519	4.818	ug/l #	92
38) Carbon Tetrachloride	5.690	117	32963	5.151	ug/l	93
39) Methylcyclohexane	7.385	83	38332	5.129	ug/l	99
40) Benzene	6.043	78	94260	5.216	ug/l	98

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 Data File : VX046861.D
 Acq On : 02 Jul 2025 12:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	12777	4.707	ug/l #	94
42) 1,2-Dichloroethane	6.092	62	31102	5.068	ug/l	98
43) Isopropyl Acetate	6.348	43	36681	4.706	ug/l	98
44) Trichloroethene	7.128	130	24587	5.227	ug/l	98
45) 1,2-Dichloropropane	7.433	63	22205	4.863	ug/l	91
46) Dibromomethane	7.586	93	16018	5.063	ug/l	99
47) Bromodichloromethane	7.824	83	33143	4.907	ug/l	99
48) Methyl methacrylate	7.702	41	19166	4.762	ug/l	98
49) 1,4-Dioxane	7.671	88	4647	99.650	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	110844	24.096	ug/l	100
52) Toluene	8.720	92	58295	5.206	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28142	4.668	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32562	4.732	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	21431	5.138	ug/l	96
56) Ethyl methacrylate	9.122	69	26665	4.619	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37000	5.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	76711	23.583	ug/l	99
59) 2-Hexanone	9.433	43	73995	24.251	ug/l	94
60) Dibromochloromethane	9.518	129	25465	5.101	ug/l	96
61) 1,2-Dibromoethane	9.610	107	20695	4.940	ug/l	98
64) Tetrachloroethene	9.274	164	20514	5.203	ug/l	97
65) Chlorobenzene	10.079	112	66148	5.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20533	4.770	ug/l	94
67) Ethyl Benzene	10.195	91	110637	5.046	ug/l	97
68) m/p-Xylenes	10.299	106	84083	10.176	ug/l	100
69) o-Xylene	10.640	106	40078	5.021	ug/l	99
70) Styrene	10.652	104	68250	4.998	ug/l	99
71) Bromoform	10.799	173	15461	4.831	ug/l #	99
73) Isopropylbenzene	10.963	105	106065	4.876	ug/l	98
74) N-amyl acetate	10.841	43	33387	4.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29333	4.905	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22279m	4.660	ug/l	
77) Bromobenzene	11.195	156	27534	5.082	ug/l	95
78) n-propylbenzene	11.298	91	130658	4.982	ug/l	97
79) 2-Chlorotoluene	11.359	91	78075	5.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86020	4.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7304	4.100	ug/l #	81
82) 4-Chlorotoluene	11.451	91	90236	5.049	ug/l	100
83) tert-Butylbenzene	11.713	119	88998	4.876	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	88868	4.975	ug/l	95
85) sec-Butylbenzene	11.890	105	115141	5.003	ug/l	100
86) p-Isopropyltoluene	12.006	119	97742	5.072	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51500	5.083	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	54943	5.210	ug/l	95
89) n-Butylbenzene	12.329	91	89435	4.939	ug/l	97
90) Hexachloroethane	12.536	117	16170	4.733	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	49253	5.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	4675	4.469	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	31558	4.731	ug/l	100
94) Hexachlorobutadiene	13.719	225	12292	4.886	ug/l	97
95) Naphthalene	13.774	128	78483	4.465	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29854	4.737	ug/l	99

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Acq On : 02 Jul 2025 12:37
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

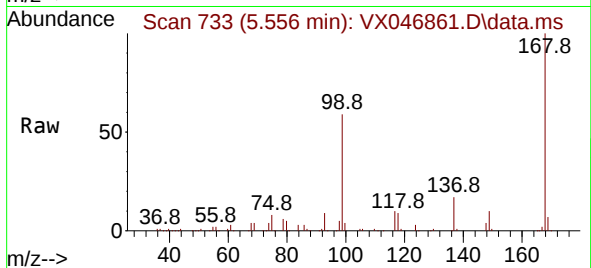
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

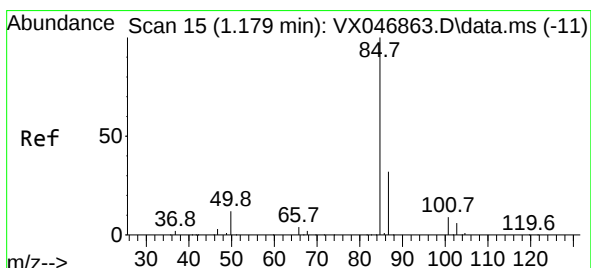
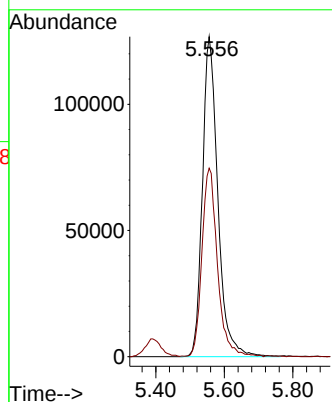
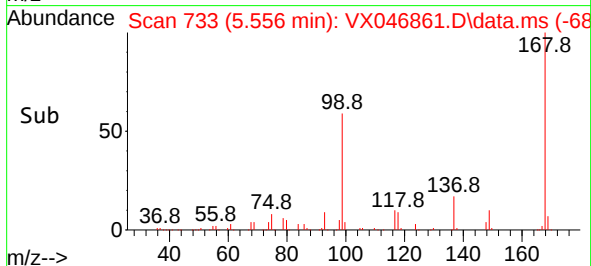
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 39669
Ion Ratio Lower Upper
168 100
99 58.8 48.8 73.2

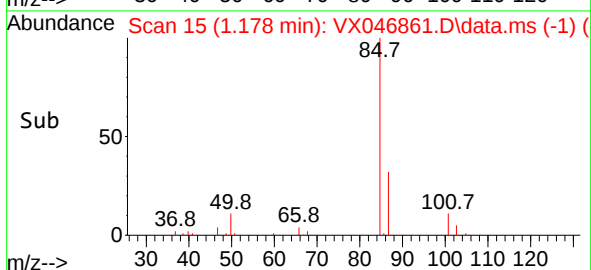
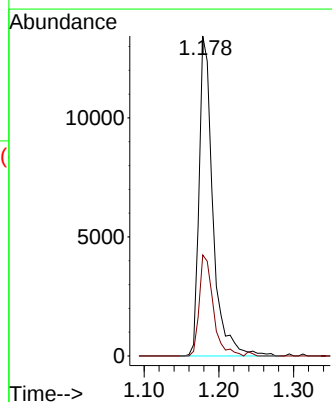
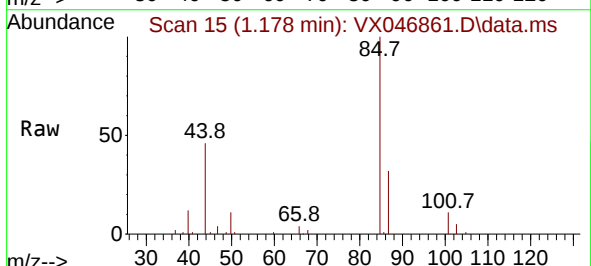
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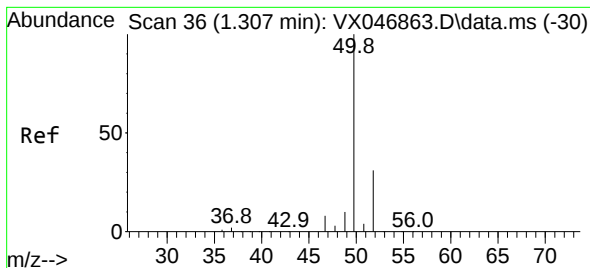
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#2
Dichlorodifluoromethane
Concen: 4.530 ug/l
RT: 1.178 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 85 Resp: 17184
Ion Ratio Lower Upper
85 100
87 31.2 16.0 47.9





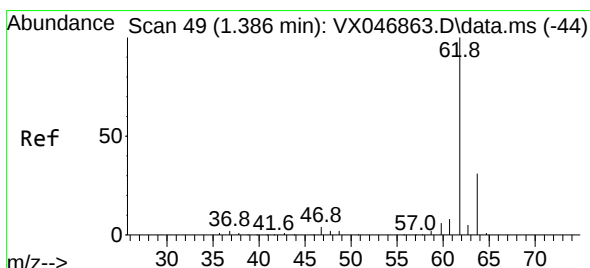
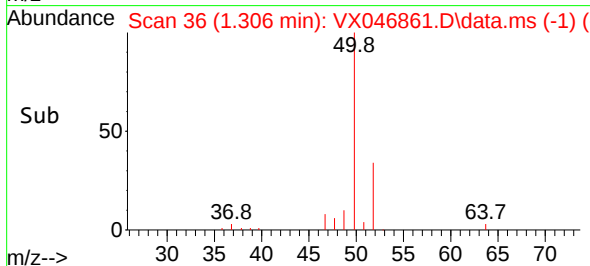
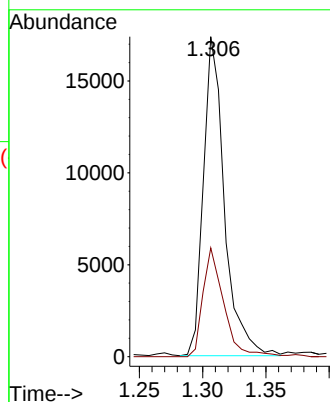
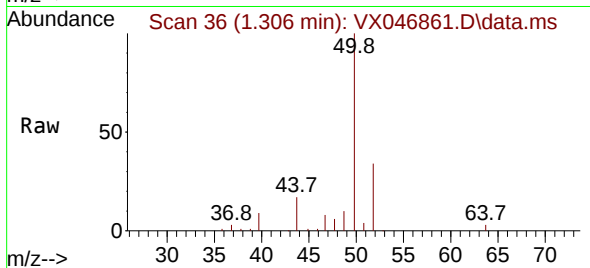
#3
Chloromethane
Concen: 4.857 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 20130
Ion Ratio Lower Upper
50 100
52 34.1 25.0 37.4

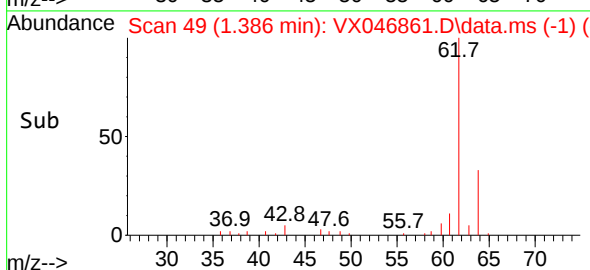
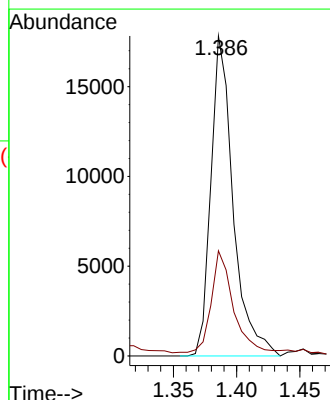
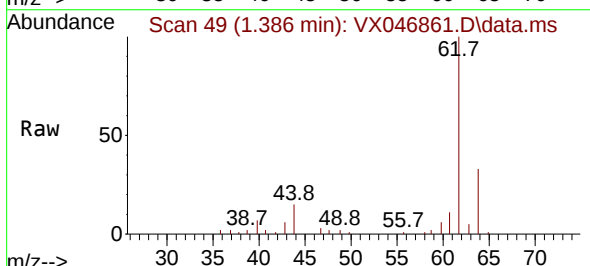
Manual Integrations
APPROVED

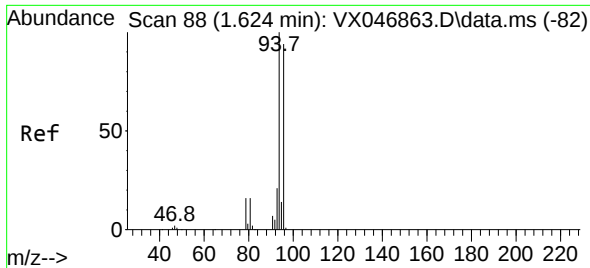
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#4
Vinyl Chloride
Concen: 4.827 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

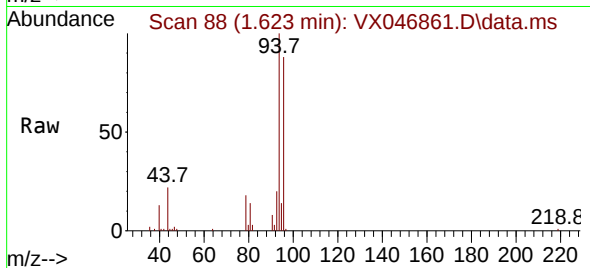
Tgt Ion: 62 Resp: 21789
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4





#5
Bromomethane
Concen: 5.505 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

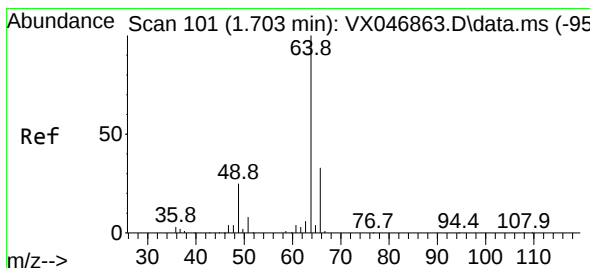
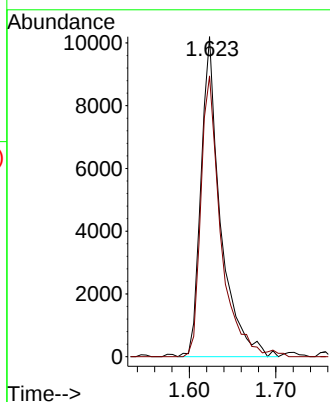
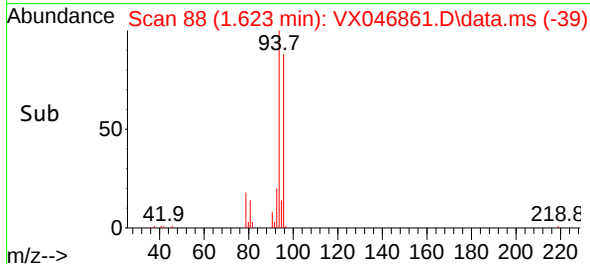
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1596
Ion Ratio Lower Upper
94 100
96 87.8 75.5 113.3

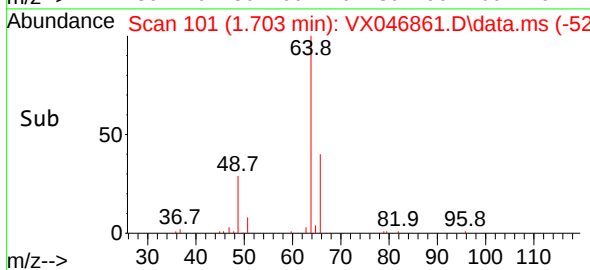
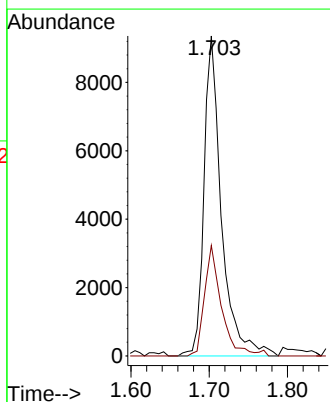
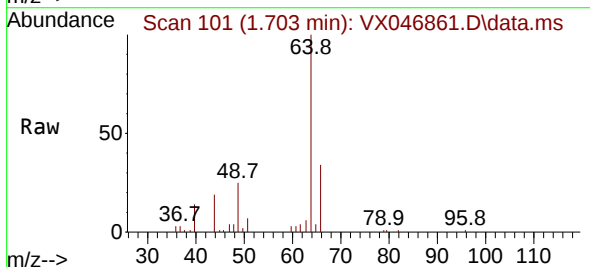
Manual Integrations
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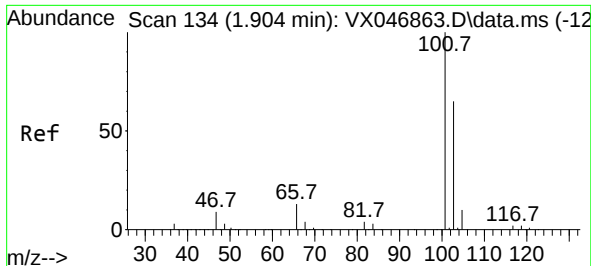
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#6
Chloroethane
Concen: 4.864 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

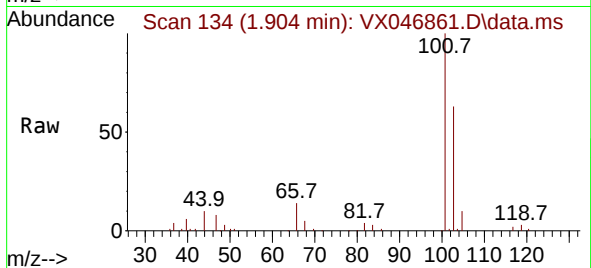
Tgt Ion: 64 Resp: 14497
Ion Ratio Lower Upper
64 100
66 34.5 26.4 39.6





#7
Trichlorofluoromethane
Concen: 4.970 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

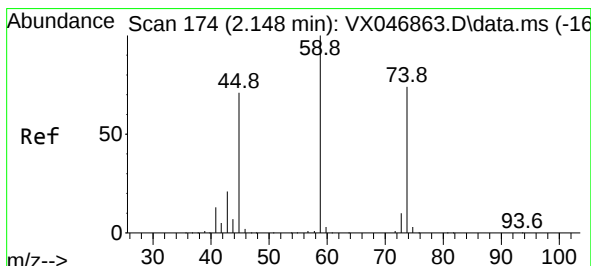
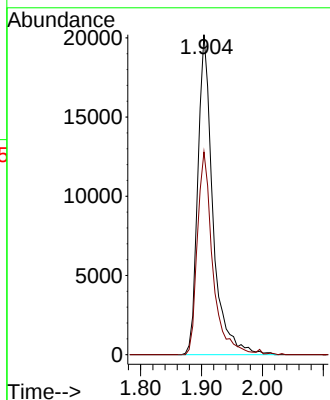
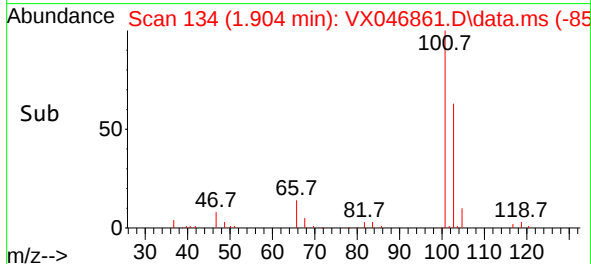
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 34689
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

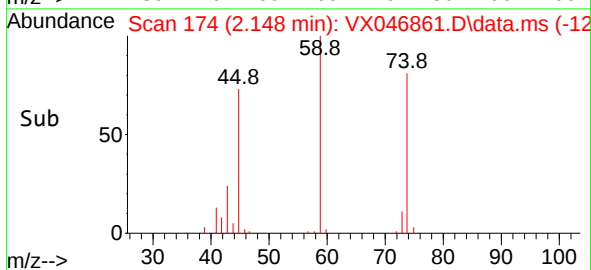
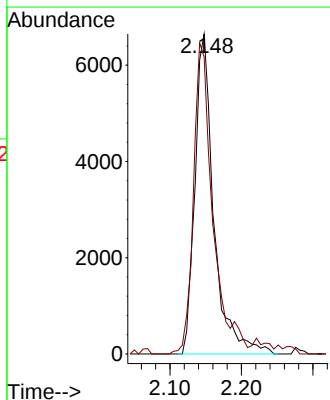
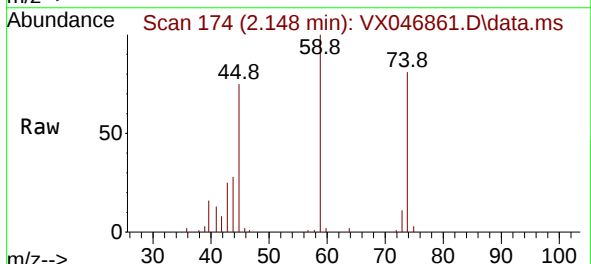
Manual Integrations
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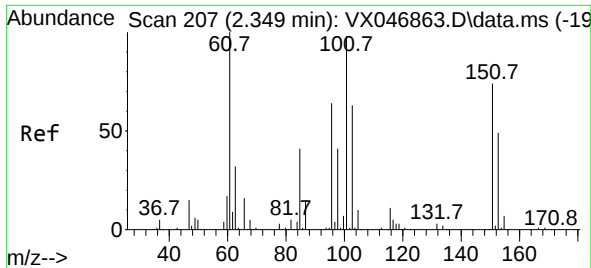
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#8
Diethyl Ether
Concen: 4.914 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

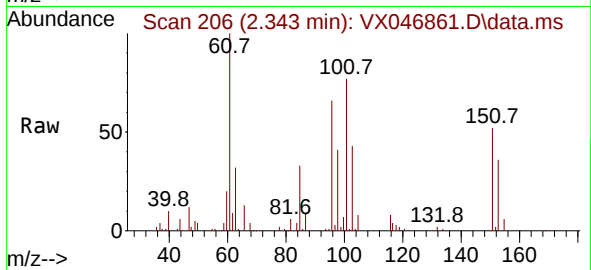
Tgt Ion: 74 Resp: 12204
Ion Ratio Lower Upper
74 100
45 99.0 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.094 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

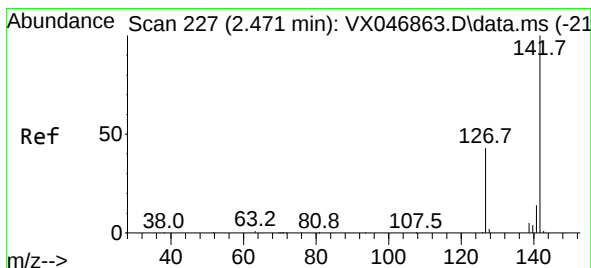
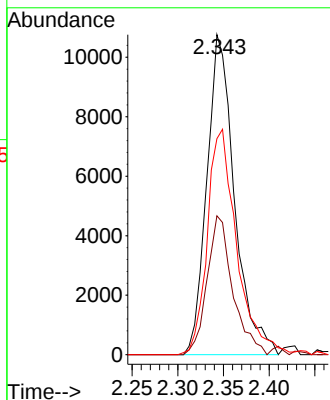
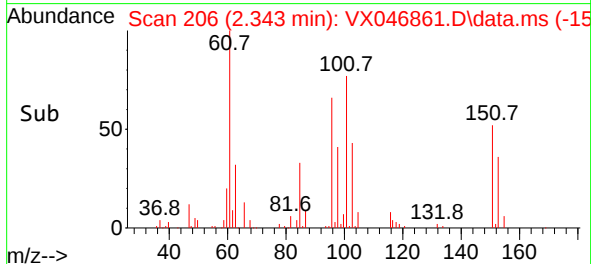
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



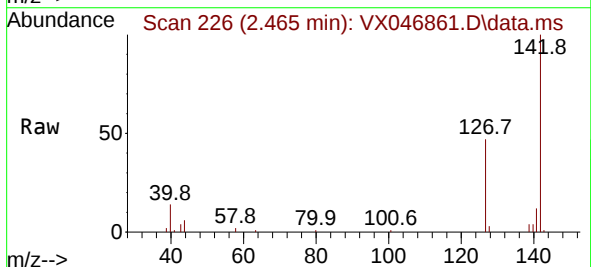
Tgt Ion:101 Resp: 2265
Ion Ratio Lower Upper
101 100
85 40.2 34.3 51.5
151 74.8 59.9 89.9

Manual Integrations
APPROVED

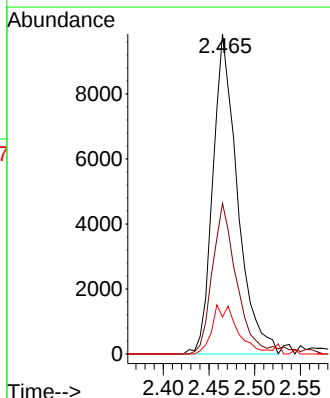
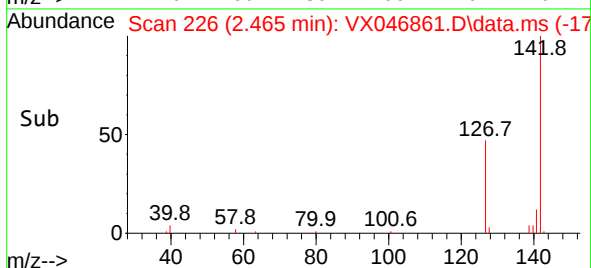
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

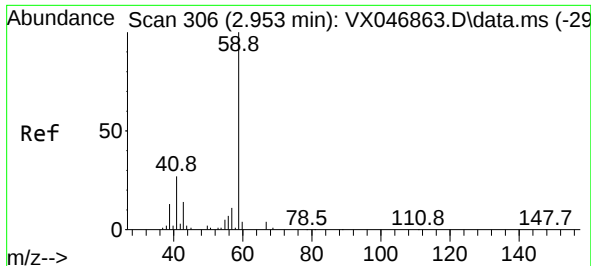


#10
Methyl Iodide
Concen: 3.806 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



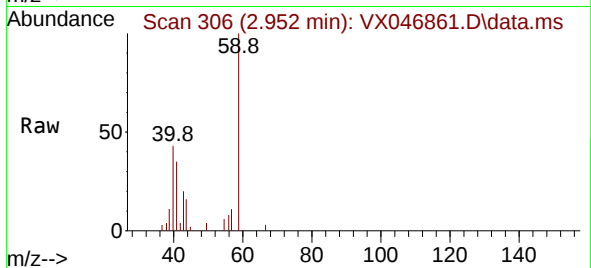
Tgt Ion:142 Resp: 18441
Ion Ratio Lower Upper
142 100
127 47.4 34.9 52.3
141 15.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 25.519 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

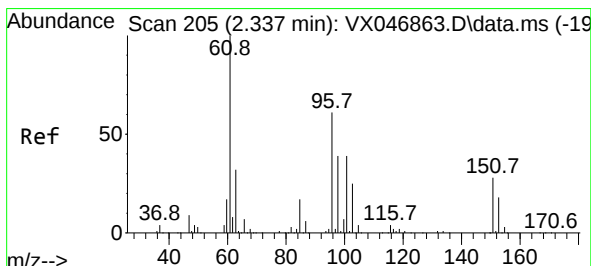
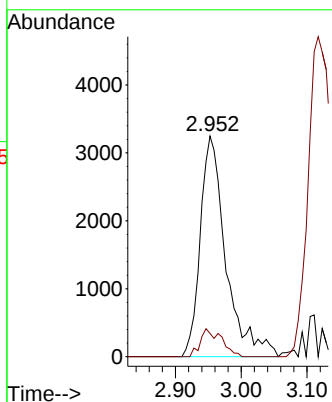
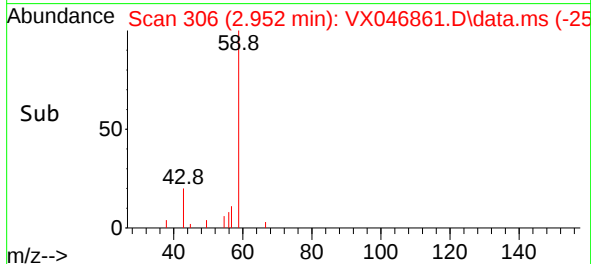
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



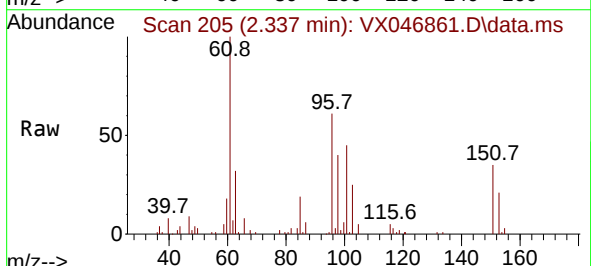
Tgt Ion: 59 Resp: 877
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

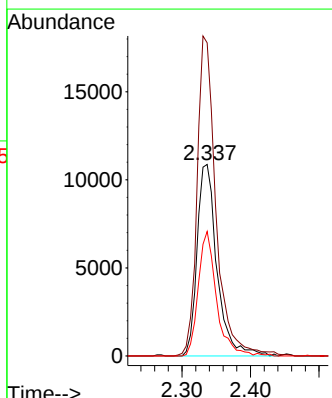
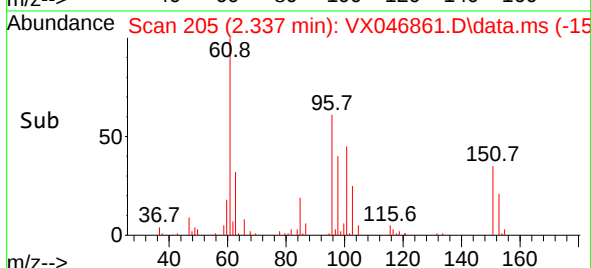
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

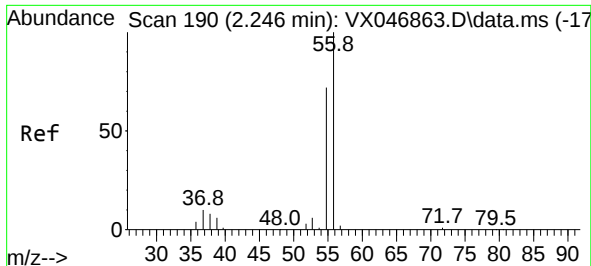


#12
1,1-Dichloroethene
Concen: 5.116 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



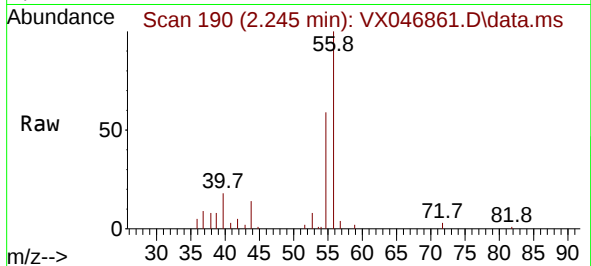
Tgt Ion: 96 Resp: 22008
Ion Ratio Lower Upper
96 100
61 163.0 130.2 195.4
98 65.0 51.3 76.9





#13
Acrolein
Concen: 40.835 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

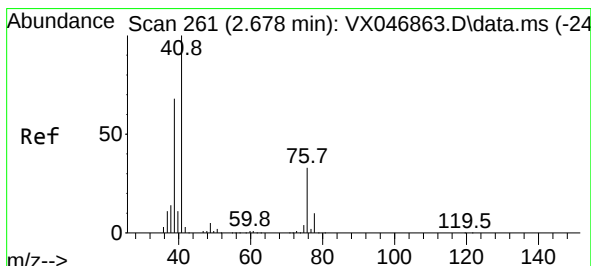
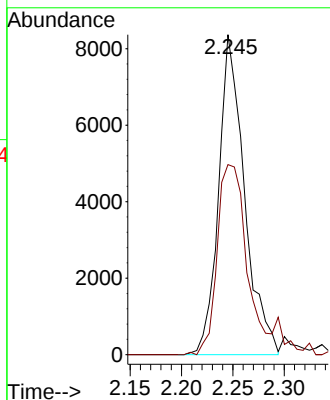
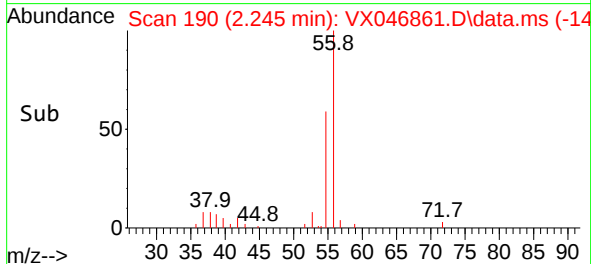
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 14598
Ion Ratio Lower Upper
56 100
55 68.0 55.5 83.3

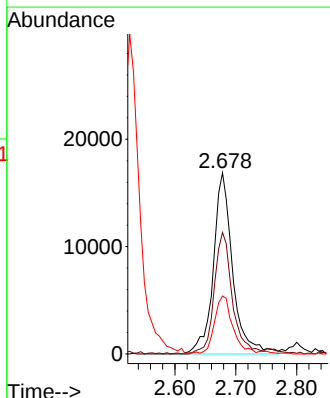
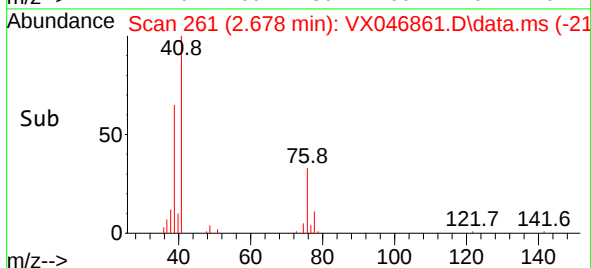
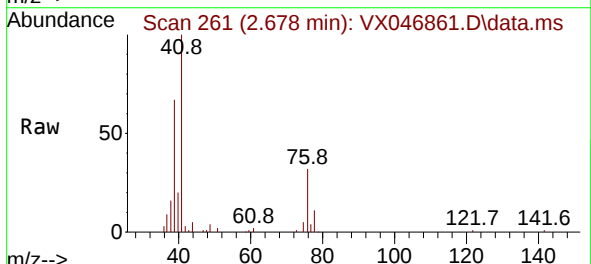
Manual Integrations
APPROVED

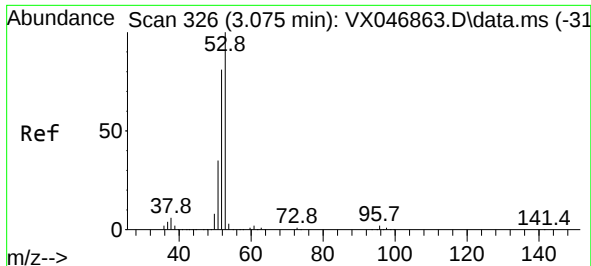
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#14
Allyl chloride
Concen: 4.866 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

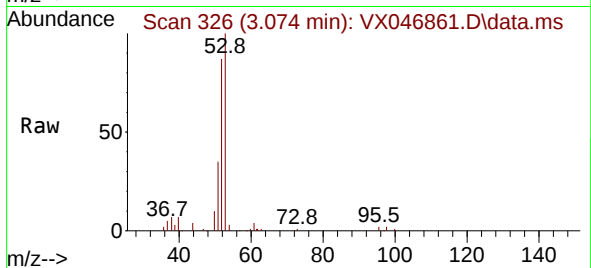
Tgt Ion: 41 Resp: 37266
Ion Ratio Lower Upper
41 100
39 62.5 52.0 78.0
76 28.6 26.2 39.2





#15
Acrylonitrile
Concen: 23.621 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

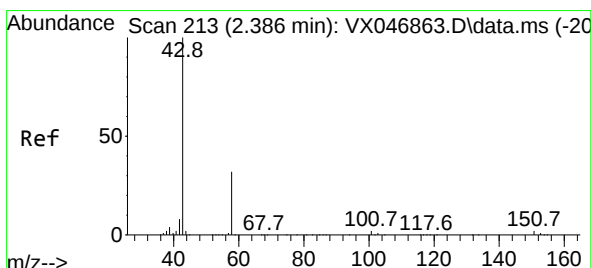
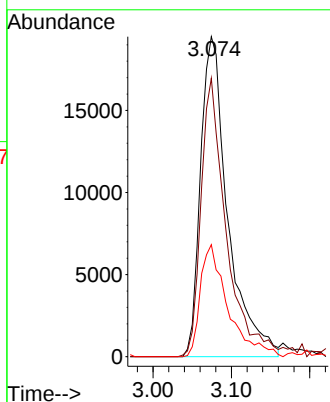
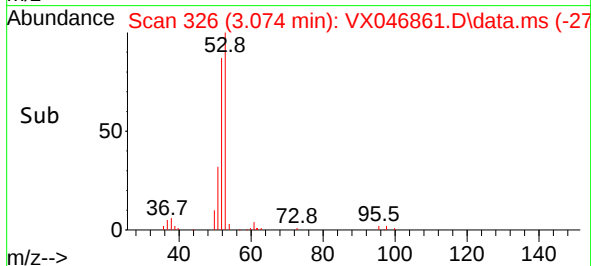
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 47130
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 35.3 28.6 43.0

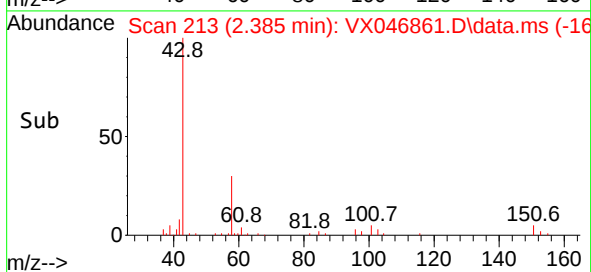
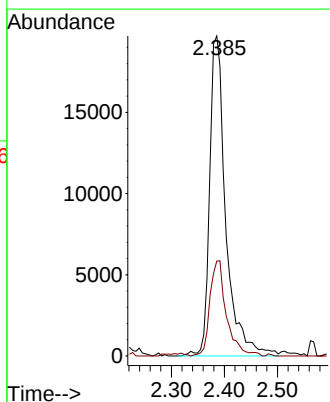
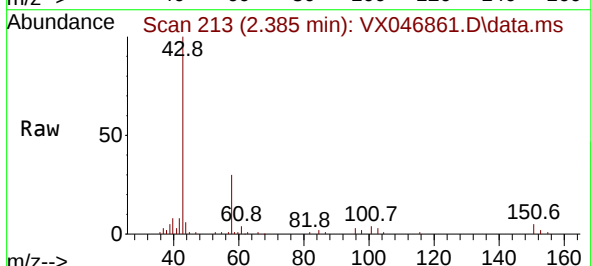
Manual Integrations
APPROVED

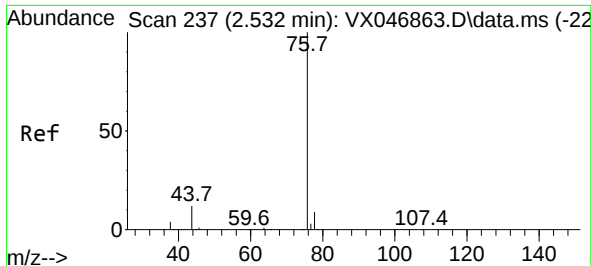
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#16
Acetone
Concen: 25.612 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 43 Resp: 41693
Ion Ratio Lower Upper
43 100
58 28.6 25.8 38.6





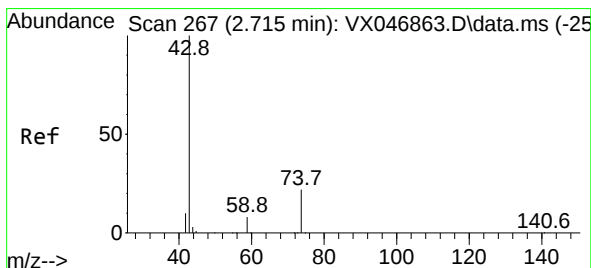
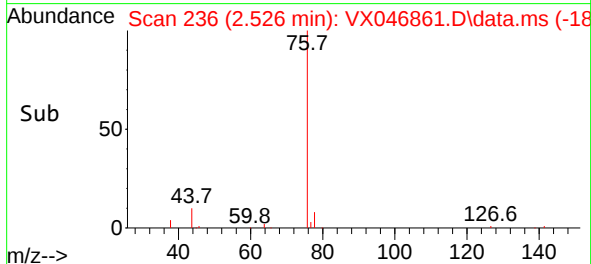
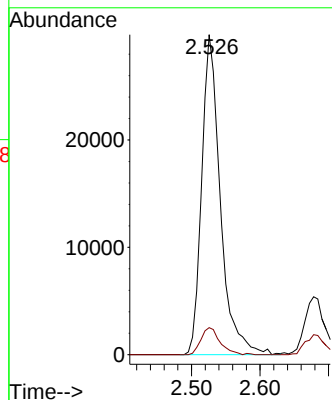
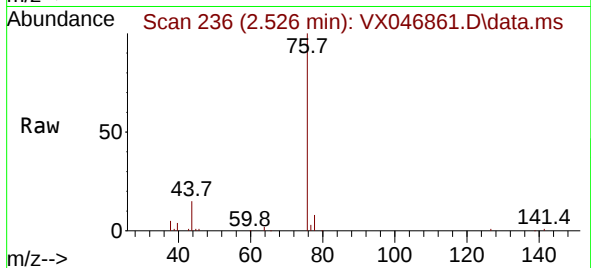
#17
Carbon Disulfide
Concen: 5.012 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 5654
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

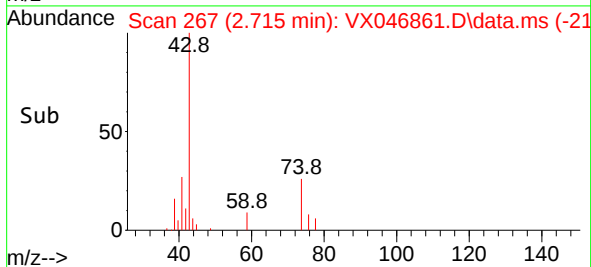
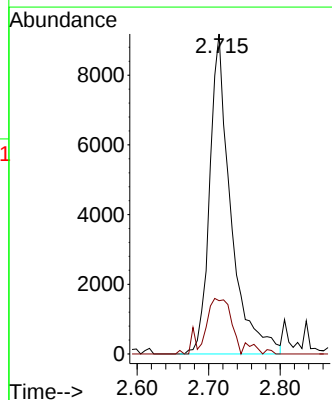
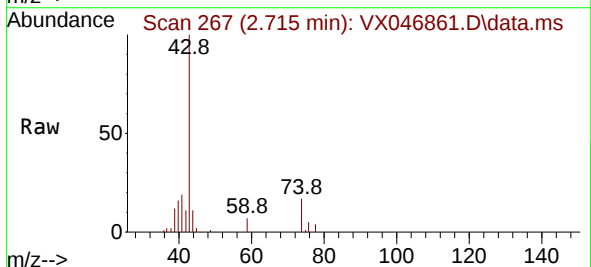
Manual Integrations
APPROVED

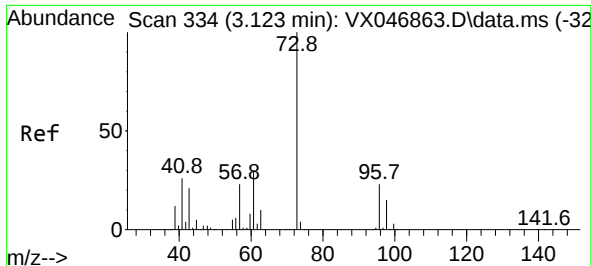
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#18
Methyl Acetate
Concen: 4.381 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 43 Resp: 18796
Ion Ratio Lower Upper
43 100
74 19.2 18.3 27.5





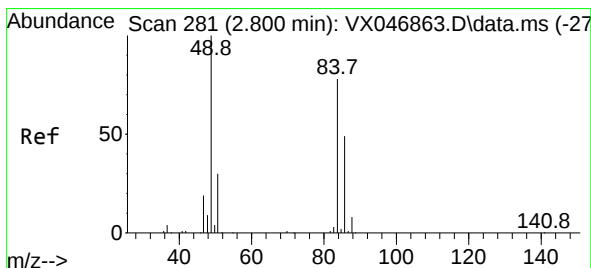
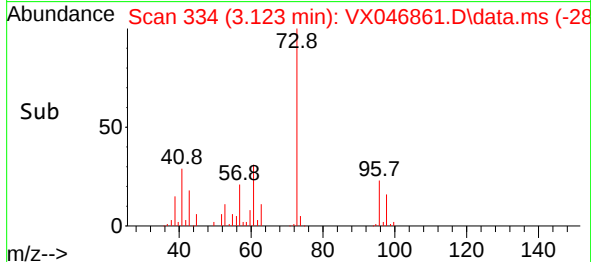
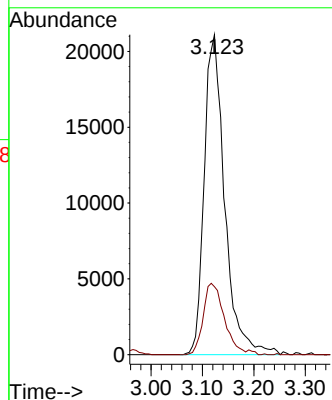
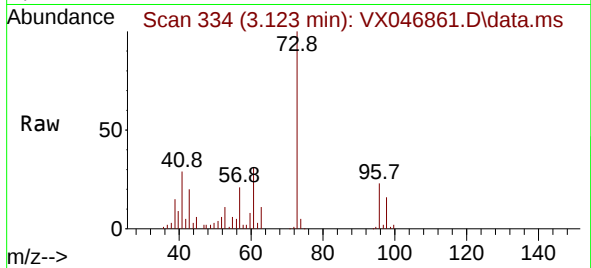
#19
Methyl tert-butyl Ether
Concen: 4.800 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 58304
Ion Ratio Lower Upper
73 100
57 21.2 18.6 28.0

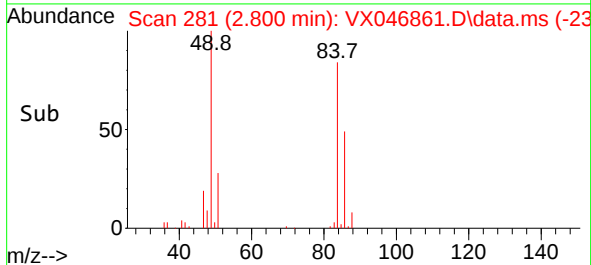
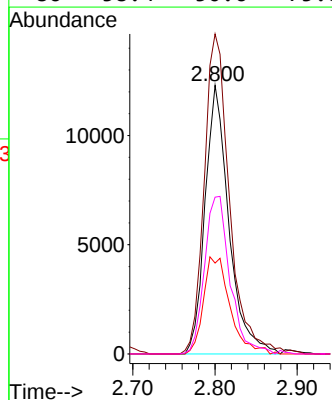
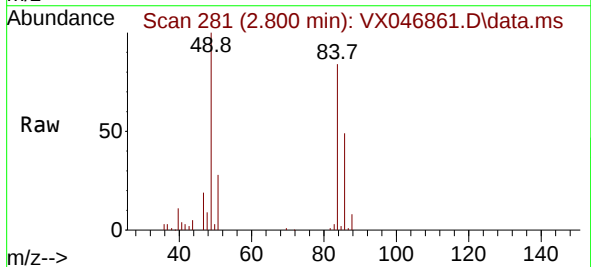
Manual Integrations
APPROVED

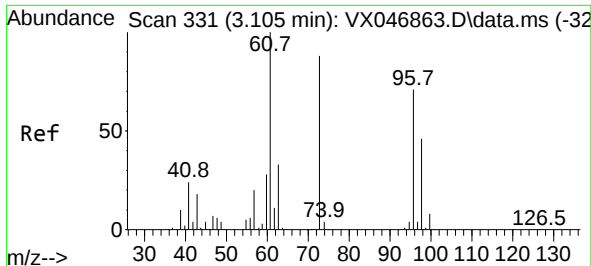
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 5.150 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

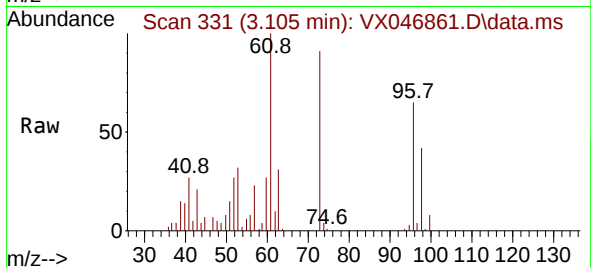
Tgt Ion: 84 Resp: 24790
Ion Ratio Lower Upper
84 100
49 119.1 102.8 154.2
51 33.8 31.1 46.7
86 58.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 5.086 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

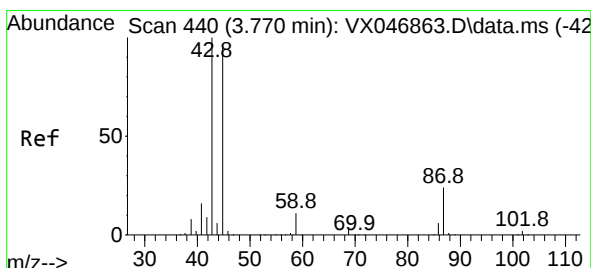
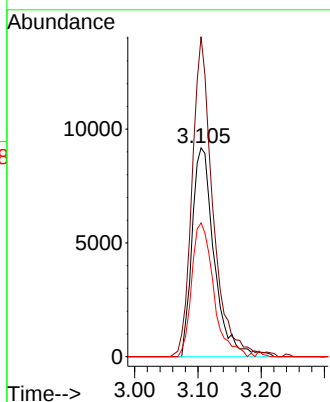
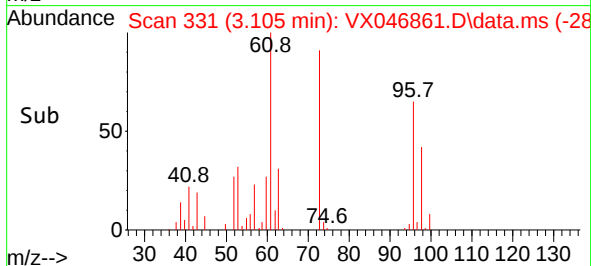
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



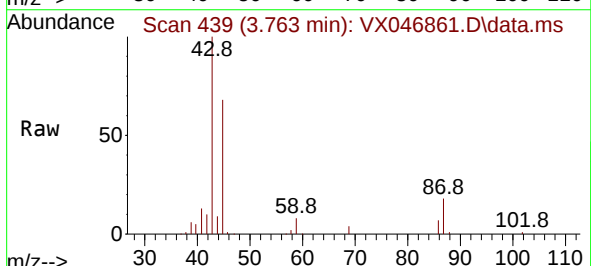
Tgt Ion: 96 Resp: 2238
Ion Ratio Lower Upper
96 100
61 143.8 113.4 170.2
98 62.3 51.8 77.6

Manual Integrations
APPROVED

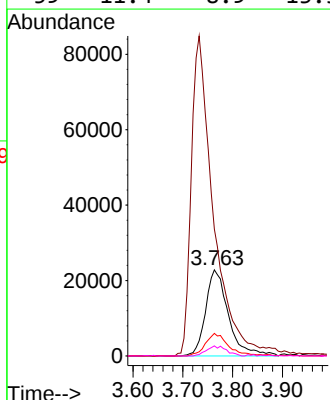
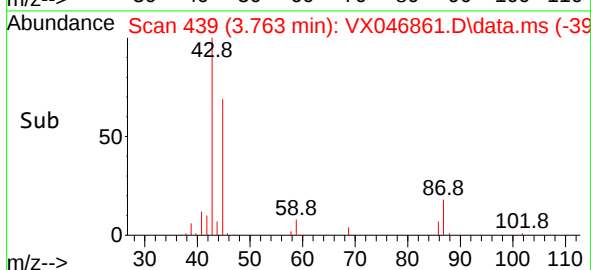
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

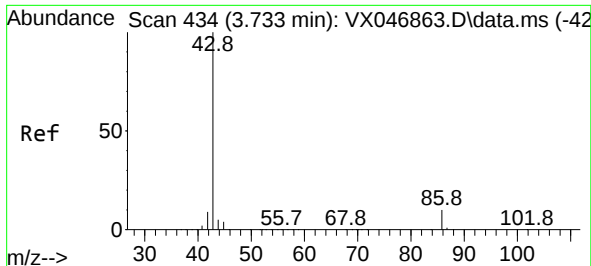


#22
Diisopropyl ether
Concen: 4.910 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



Tgt Ion: 45 Resp: 72646
Ion Ratio Lower Upper
45 100
43 141.8 84.2 126.4#
87 25.7 20.3 30.5
59 11.4 8.9 13.3





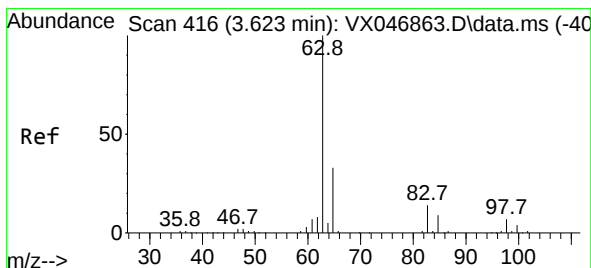
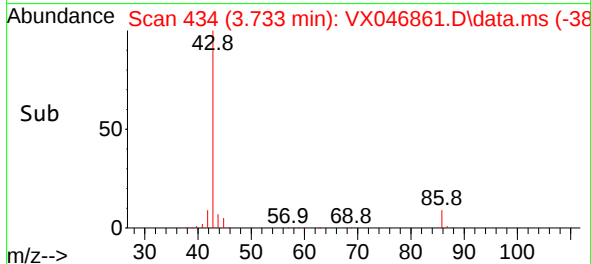
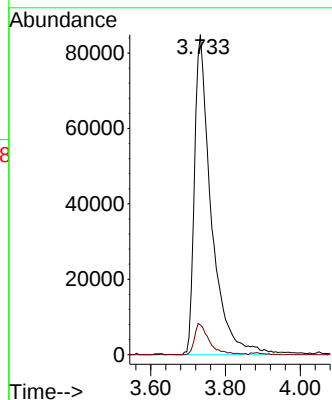
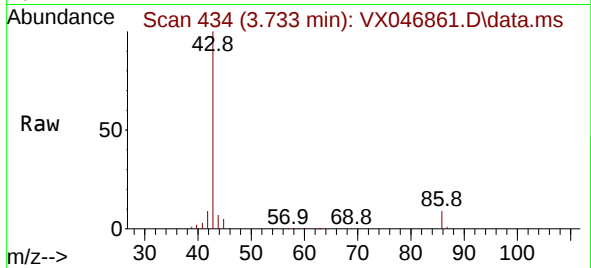
#23
 Vinyl Acetate
 Concen: 23.992 ug/l
 RT: 3.733 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: VX046861.D
 Acq: 02 Jul 2025 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 26594
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.4

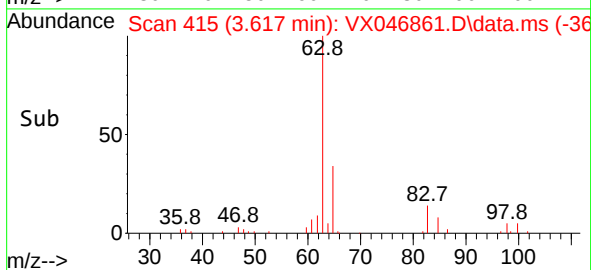
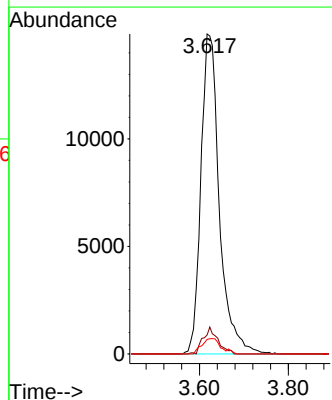
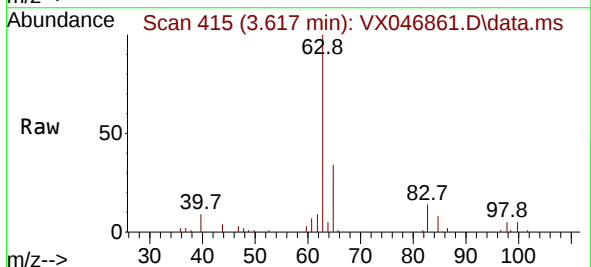
Manual Integrations
 APPROVED

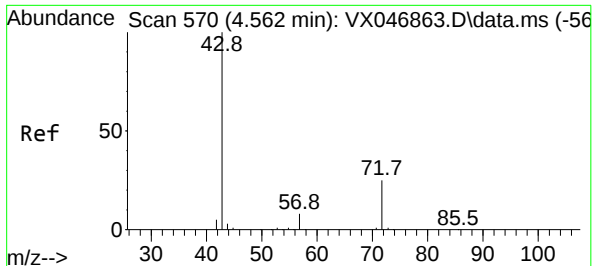
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#24
 1,1-Dichloroethane
 Concen: 5.095 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046861.D
 Acq: 02 Jul 2025 12:37

Tgt Ion: 63 Resp: 42994
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 4.6 2.3 6.9





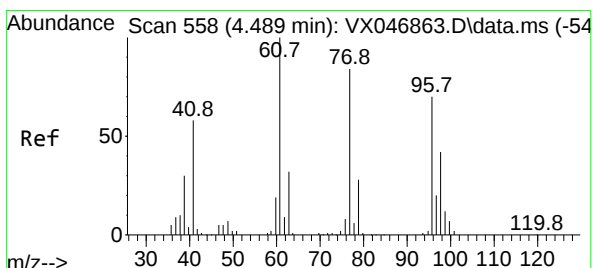
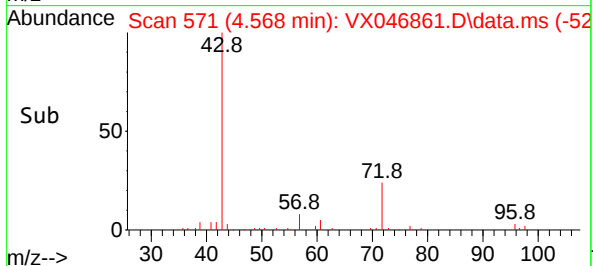
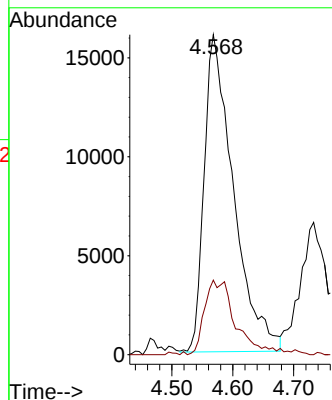
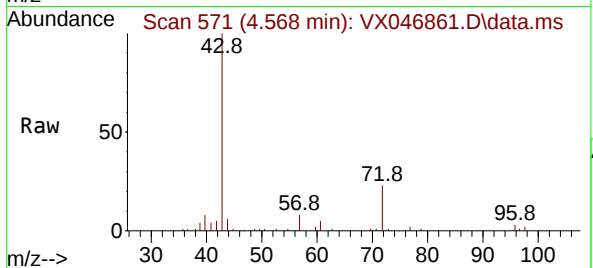
#25
2-Butanone
Concen: 24.678 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5359
Ion Ratio Lower Upper
43 100
72 24.4 20.0 30.0

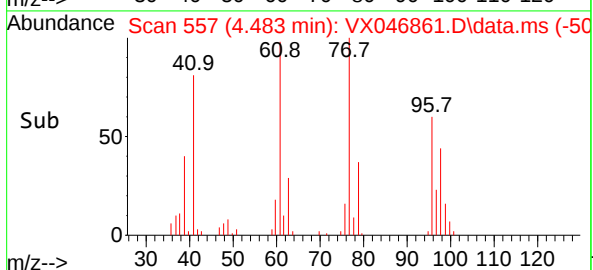
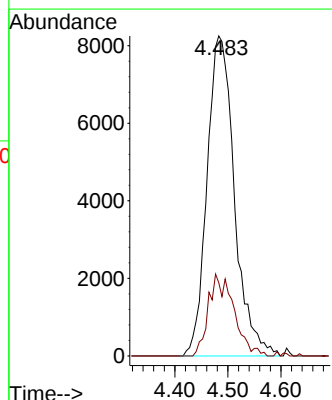
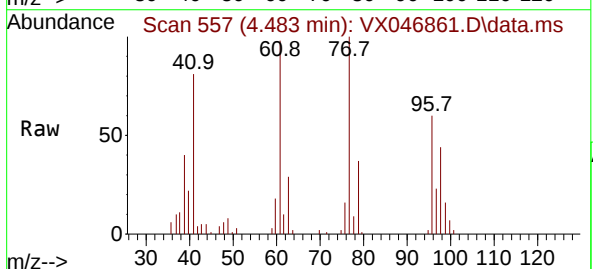
Manual Integrations
APPROVED

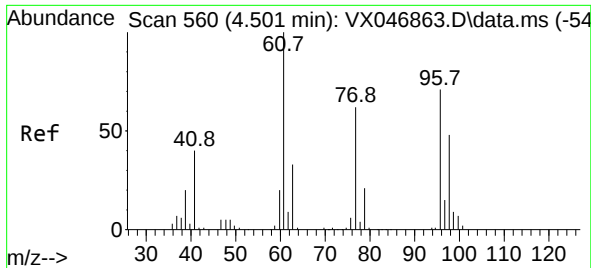
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#26
2,2-Dichloropropane
Concen: 4.713 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

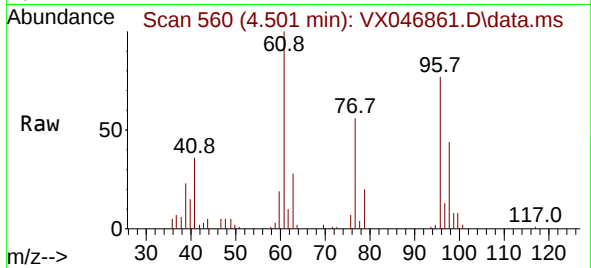
Tgt Ion: 77 Resp: 29599
Ion Ratio Lower Upper
77 100
97 12.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 4.940 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: VX046861.D
 Acq: 02 Jul 2025 12:37

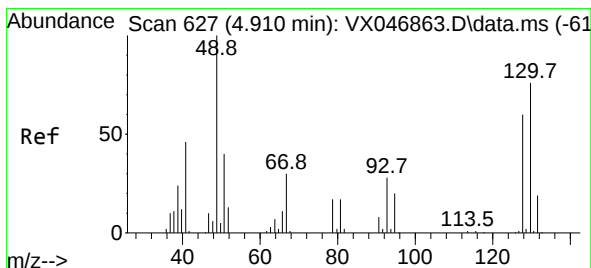
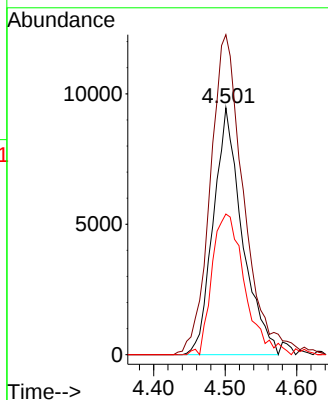
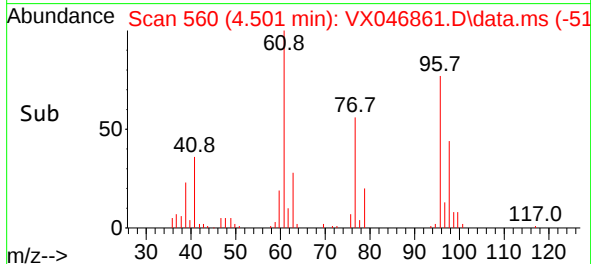
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 26549
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 288.6
 98 64.1 0.0 128.8

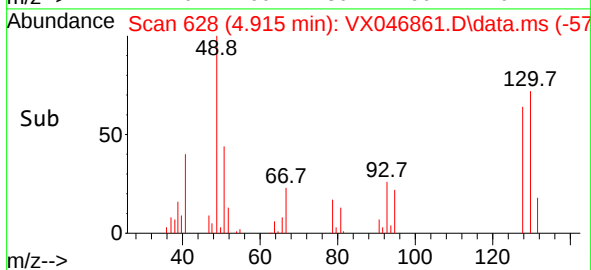
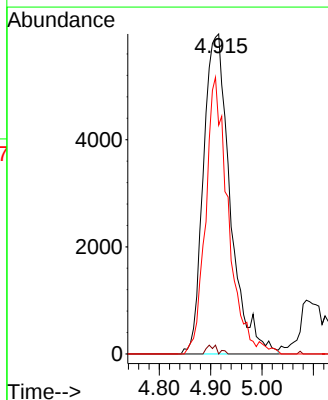
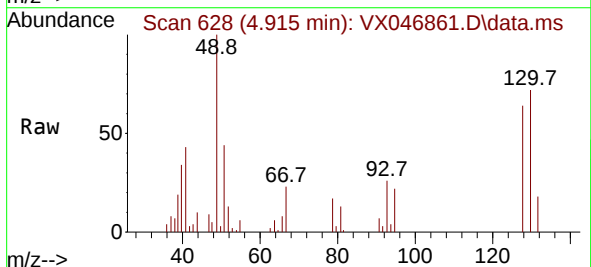
Manual Integrations
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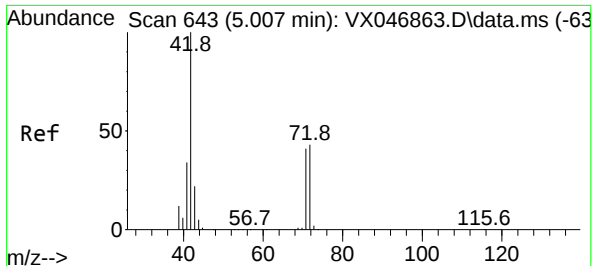
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#28
 Bromochloromethane
 Concen: 5.176 ug/l
 RT: 4.915 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VX046861.D
 Acq: 02 Jul 2025 12:37

Tgt Ion: 49 Resp: 21555
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.2
 130 72.2 61.7 92.5





#29

Tetrahydrofuran

Concen: 23.200 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

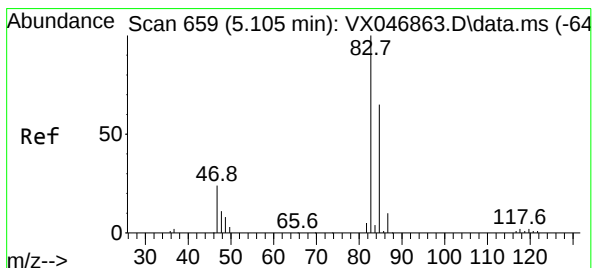
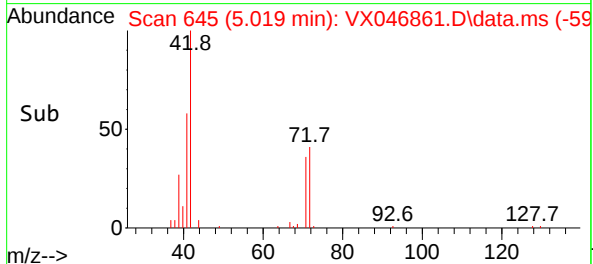
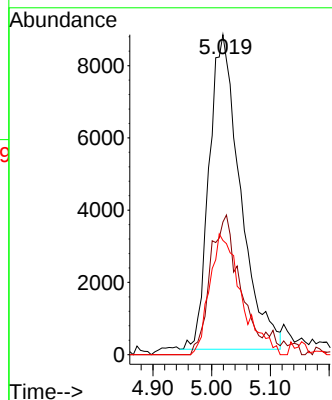
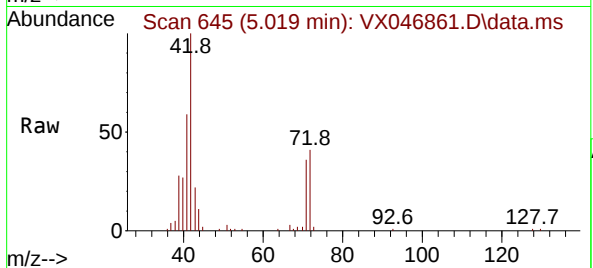
Tgt Ion:	42	Resp:	32120
Ion Ratio	Lower	Upper	
42	100		
72	41.9	35.1	52.7
71	39.0	31.9	47.9

Manual Integrations

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Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#30

Chloroform

Concen: 5.091 ug/l

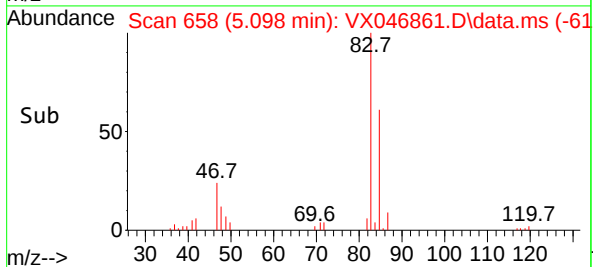
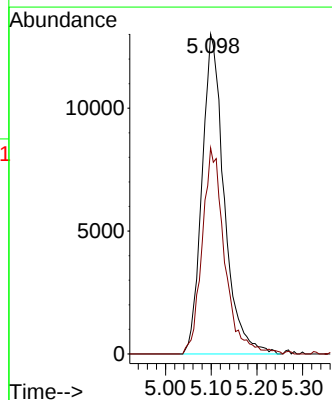
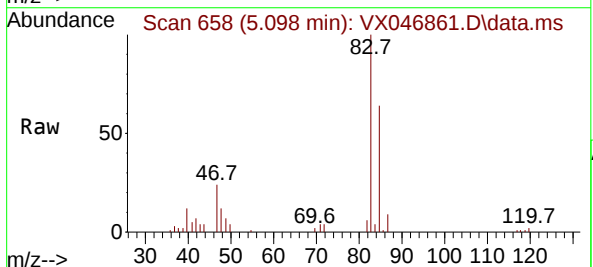
RT: 5.098 min Scan# 658

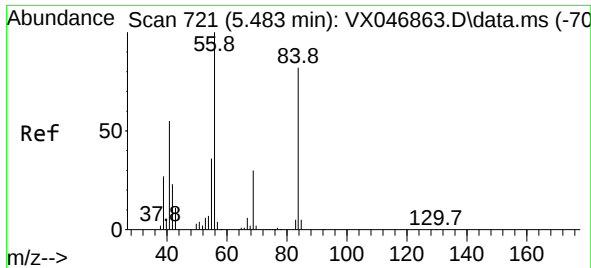
Delta R.T. -0.006 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

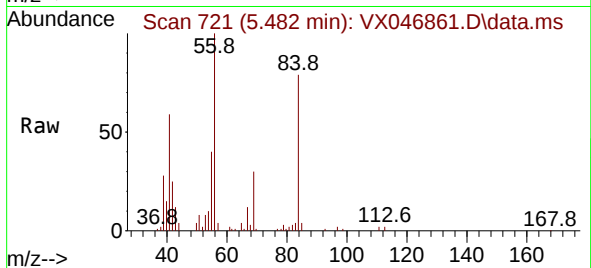
Tgt Ion:	83	Resp:	43886
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.8	77.8





#31
Cyclohexane
Concen: 5.153 ug/l
RT: 5.482 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

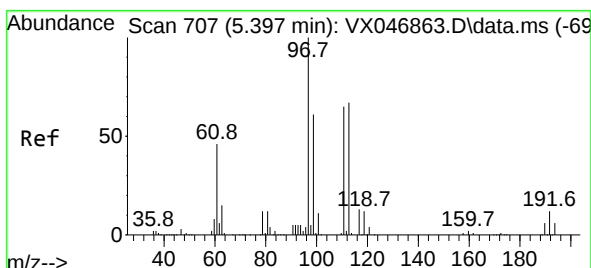
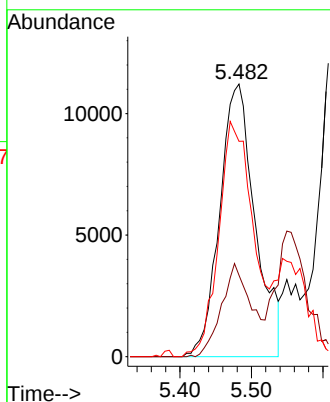
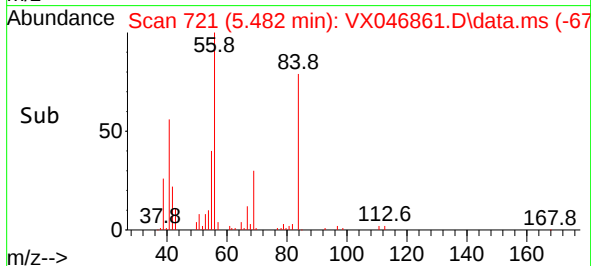
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



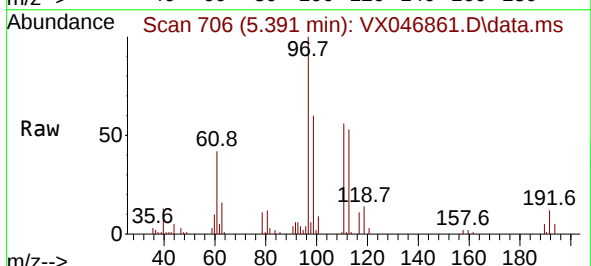
Tgt Ion: 56 Resp: 3860
Ion Ratio Lower Upper
56 100
69 31.1 24.0 36.0
84 79.0 66.5 99.7

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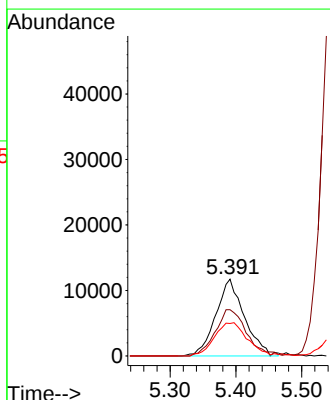
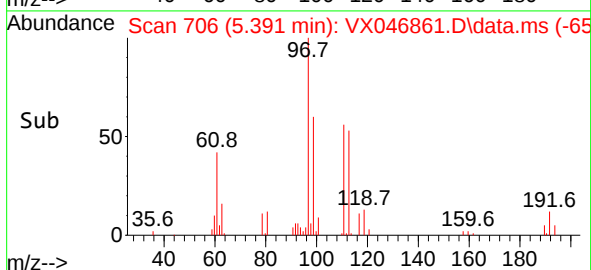
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

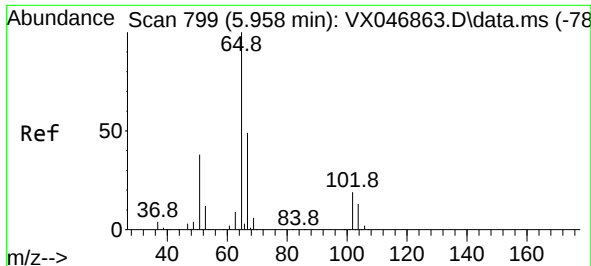


#32
1,1,1-Trichloroethane
Concen: 4.943 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



Tgt Ion: 97 Resp: 35598
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 50.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 5.468 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 2865

Ion Ratio Lower Upper

65 100

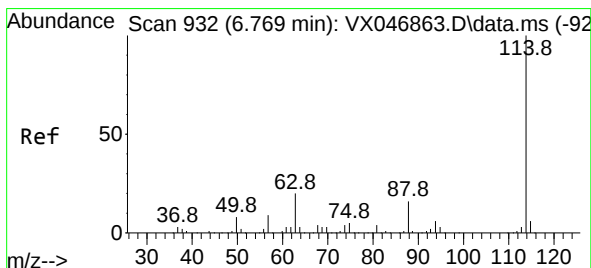
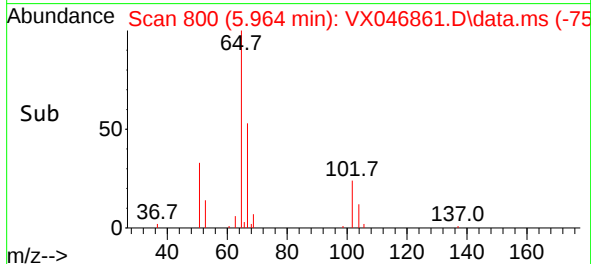
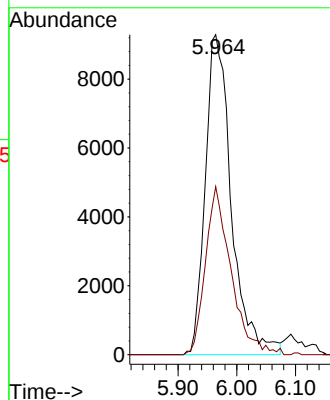
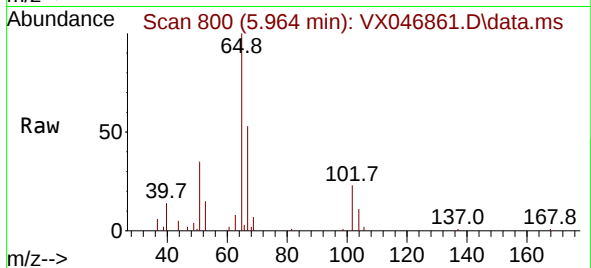
67 51.6 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

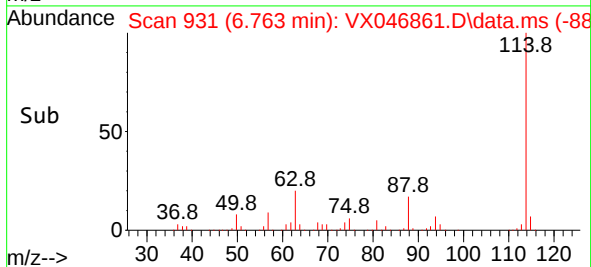
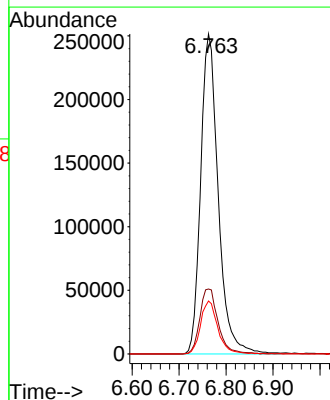
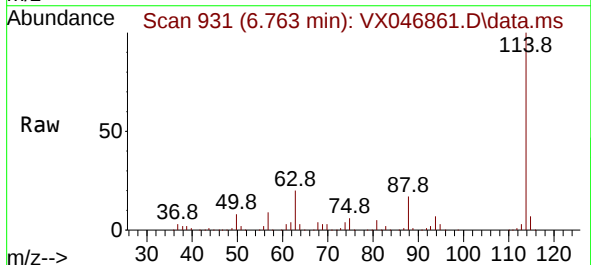
Tgt Ion:114 Resp: 652365

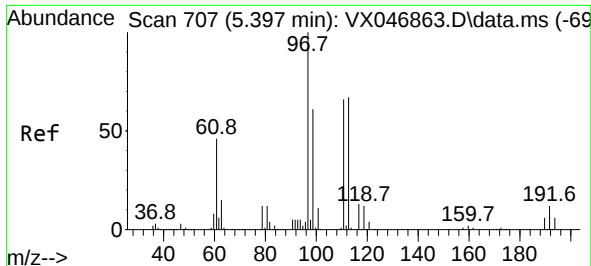
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

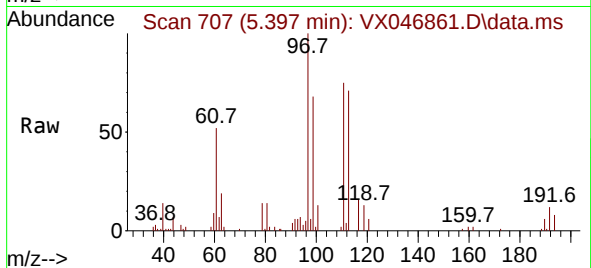
88 16.5 0.0 31.0





#35
Dibromofluoromethane
Concen: 5.234 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

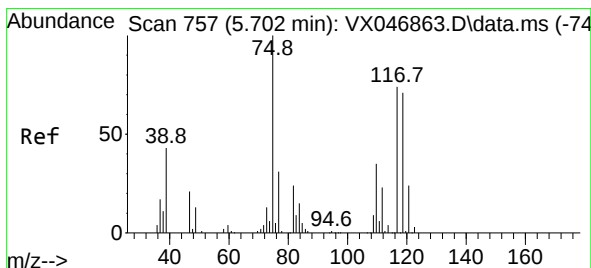
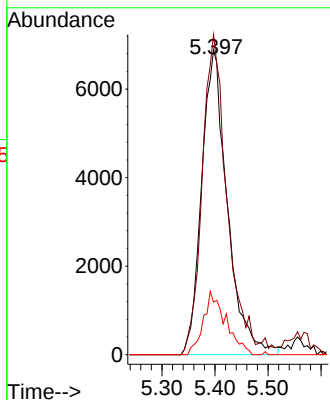
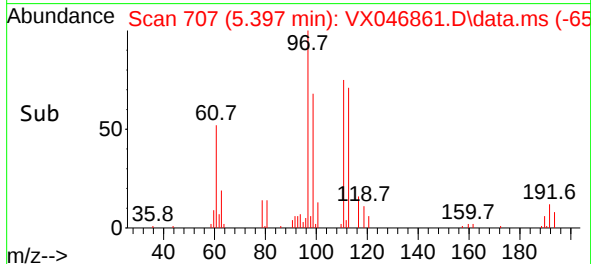
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:113 Resp: 23179
Ion Ratio Lower Upper
113 100
111 100.5 81.2 121.8
192 18.2 15.3 22.9

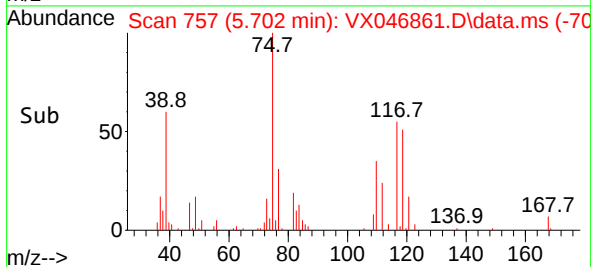
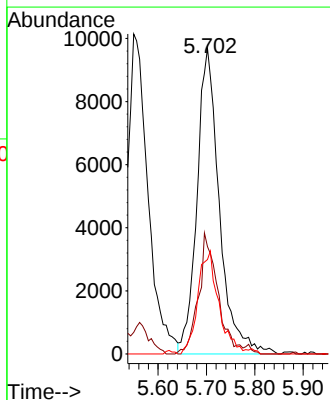
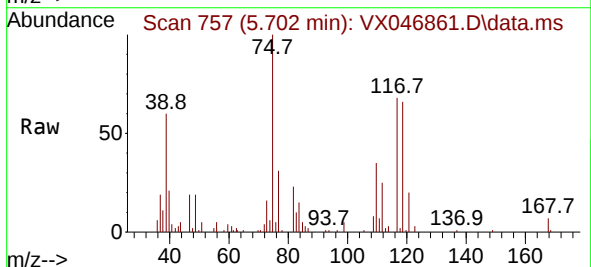
Manual Integrations
APPROVED

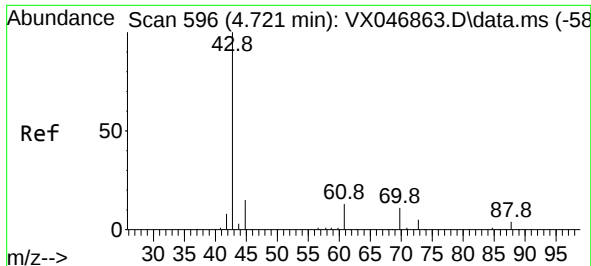
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

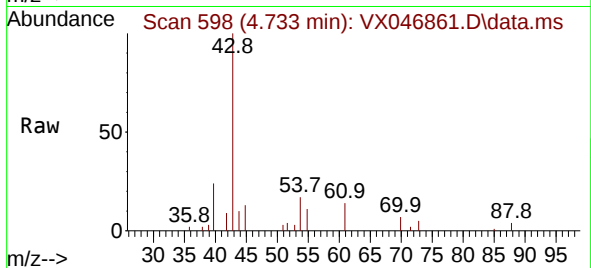
Tgt Ion: 75 Resp: 31138
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 31.6 24.2 36.4





#37
Ethyl Acetate
Concen: 4.818 ug/l
RT: 4.733 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

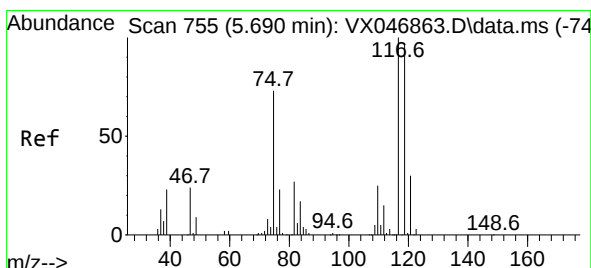
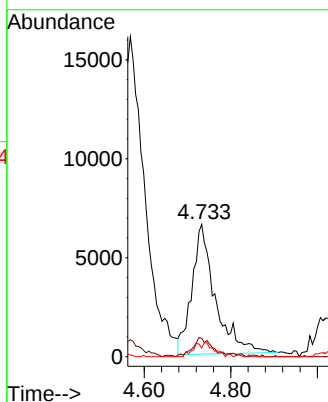
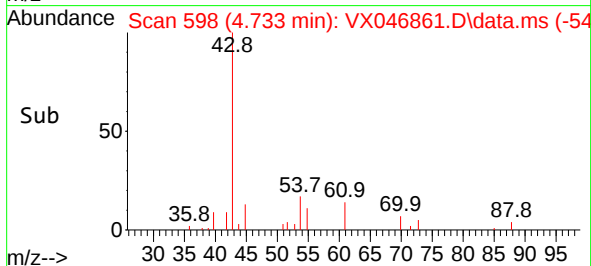
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 24519
Ion Ratio Lower Upper
43 100
61 12.2 9.7 14.5
70 4.2 8.3 12.5

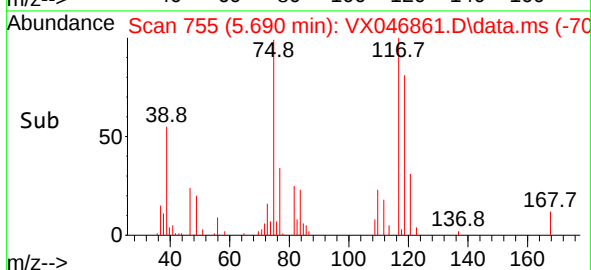
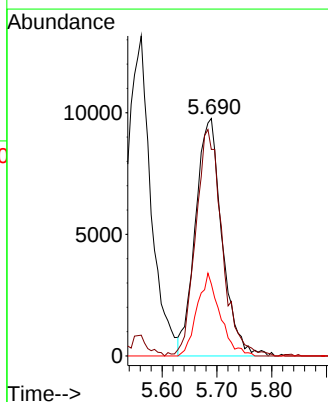
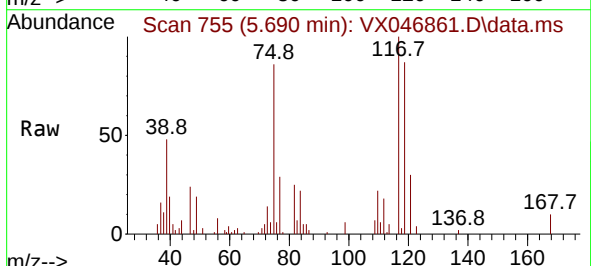
Manual Integrations
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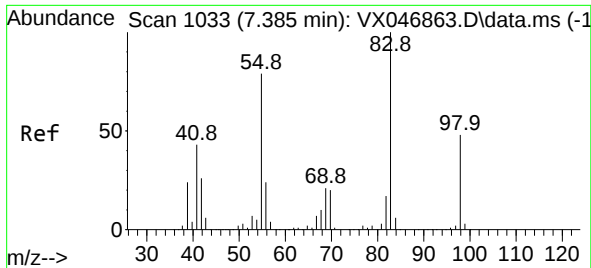
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

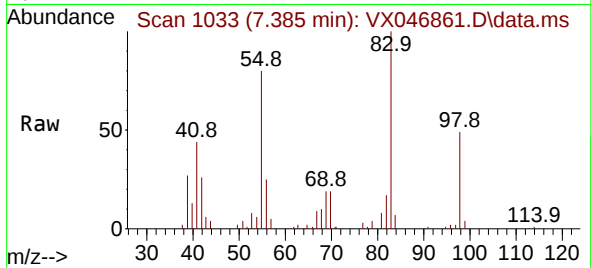
Tgt Ion:117 Resp: 32963
Ion Ratio Lower Upper
117 100
119 87.0 76.6 114.8
121 30.3 24.1 36.1





#39
Methylcyclohexane
Concen: 5.129 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

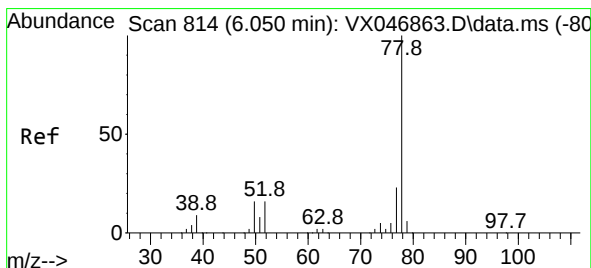
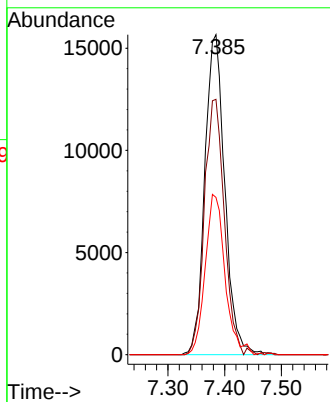
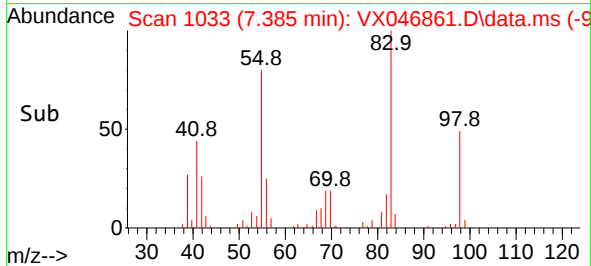
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 3833
Ion Ratio Lower Upper
83 100
55 79.8 63.0 94.4
98 49.1 38.5 57.7

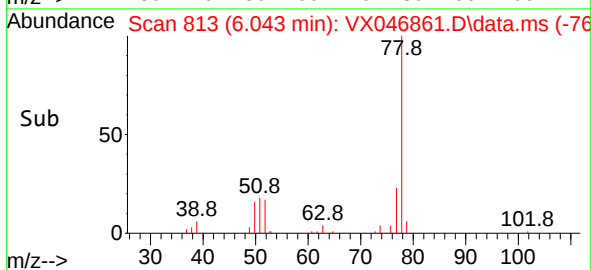
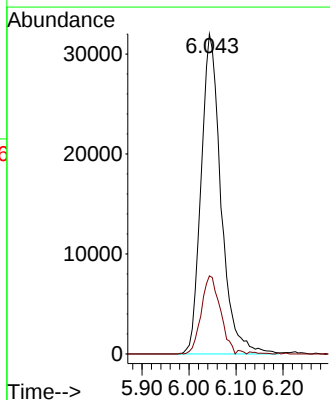
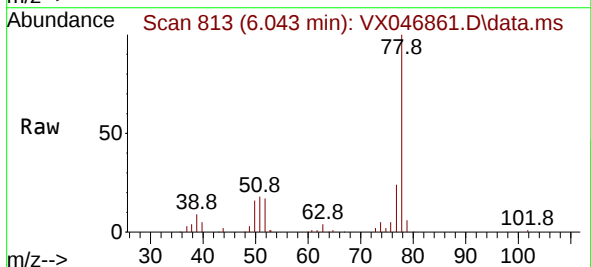
Manual Integrations
APPROVED

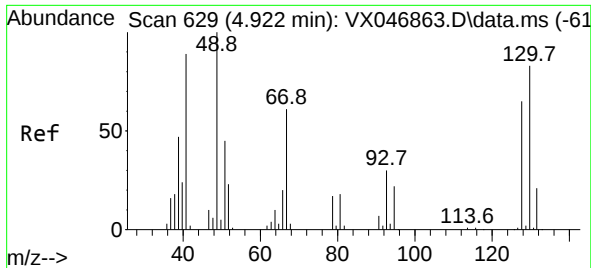
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#40
Benzene
Concen: 5.216 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

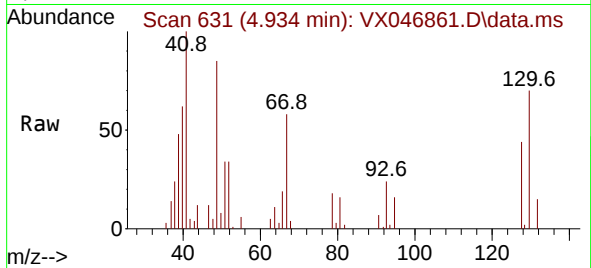
Tgt Ion: 78 Resp: 94260
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1





#41
Methacrylonitrile
Concen: 4.707 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

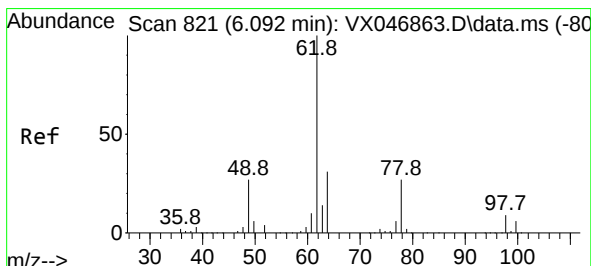
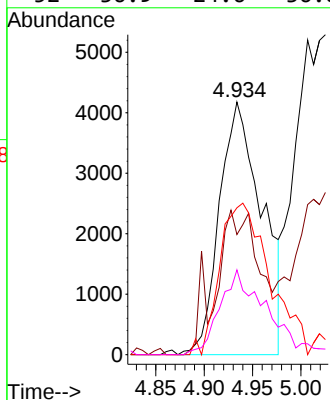
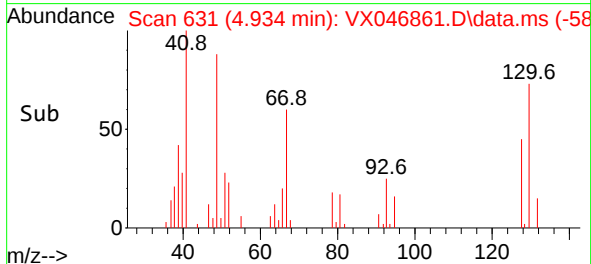
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1277
Ion Ratio Lower Upper
41 100
39 51.6 43.0 64.4
67 70.4 60.2 90.2
52 36.9 24.6 36.8#

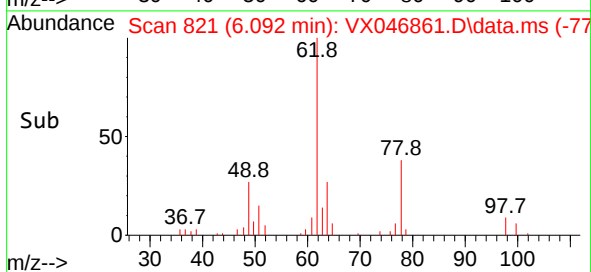
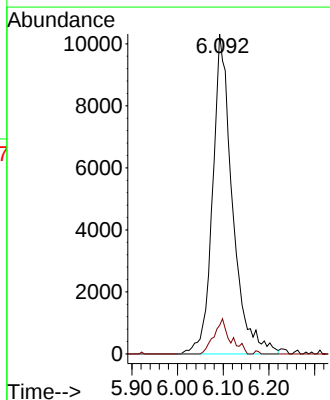
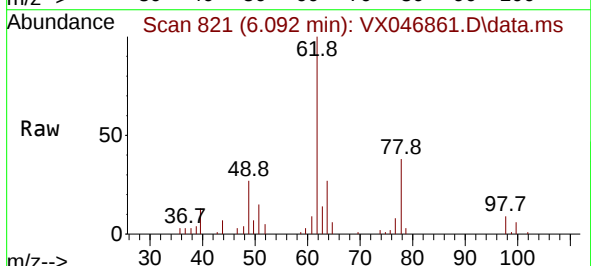
Manual Integrations
APPROVED

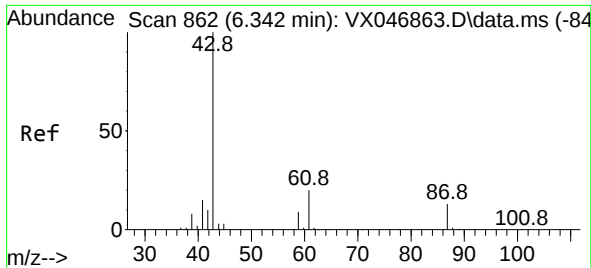
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#42
1,2-Dichloroethane
Concen: 5.068 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 62 Resp: 31102
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 4.706 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

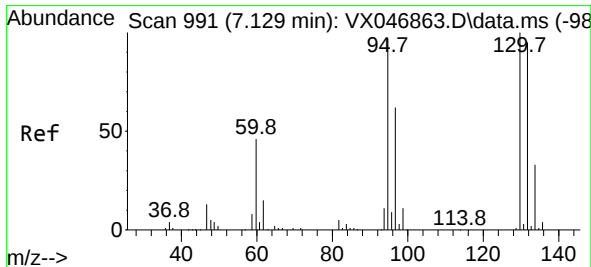
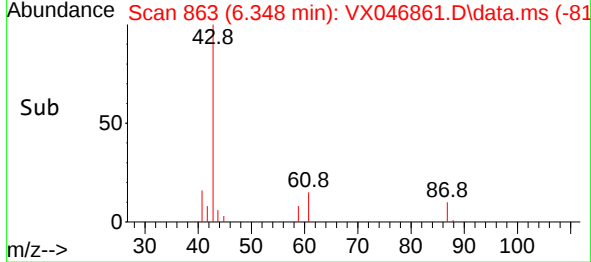
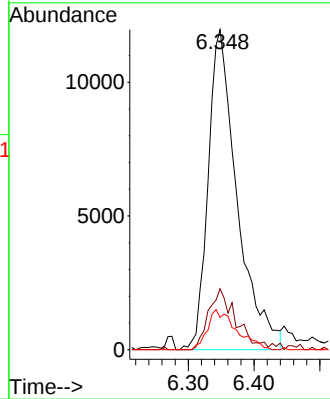
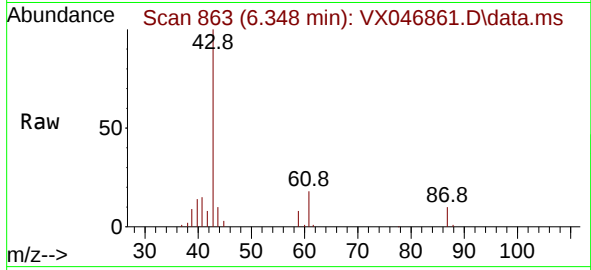
Tgt Ion: 43	Resp: 3668
Ion Ratio	Lower Upper
43 100	
61 17.9	15.7 23.5
87 12.4	10.1 15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#44

Trichloroethene

Concen: 5.227 ug/l

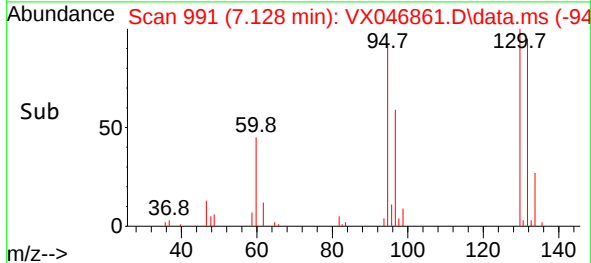
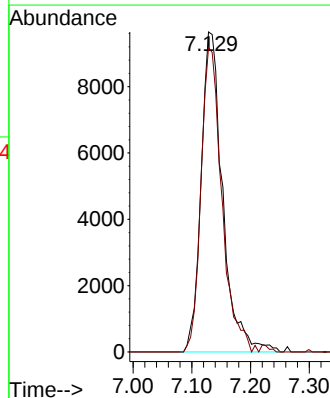
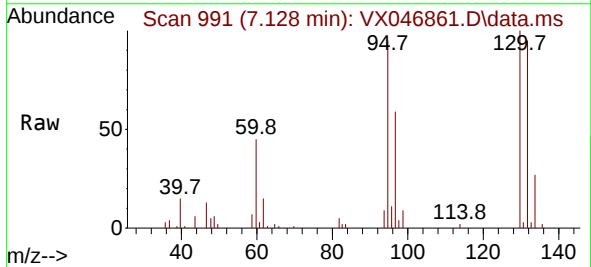
RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Tgt Ion:130	Resp: 24587
Ion Ratio	Lower Upper
130 100	
95 95.1	0.0 194.2





#45

1,2-Dichloropropane

Concen: 4.863 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2220

Ion Ratio Lower Upper

63 100

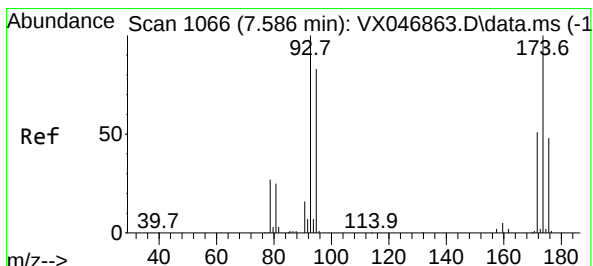
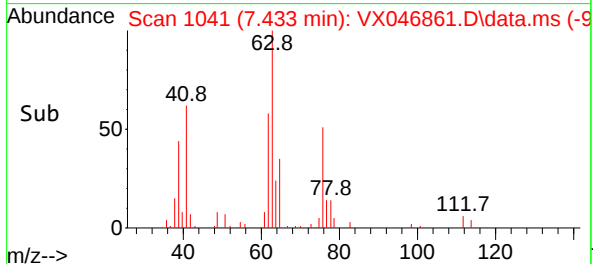
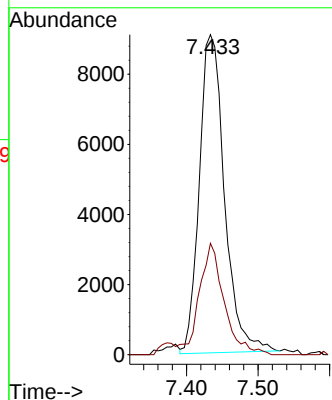
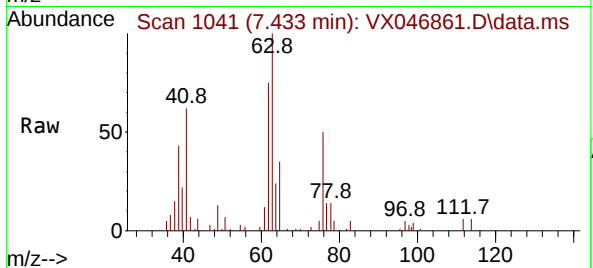
65 35.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#46

Dibromomethane

Concen: 5.063 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

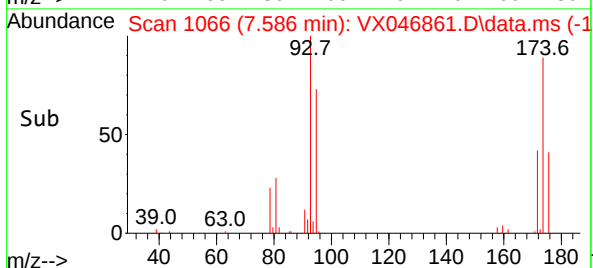
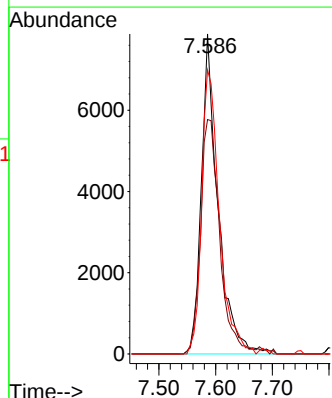
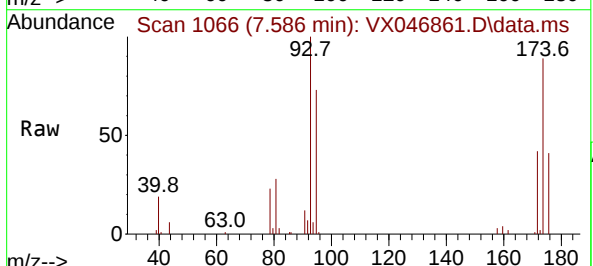
Tgt Ion: 93 Resp: 16018

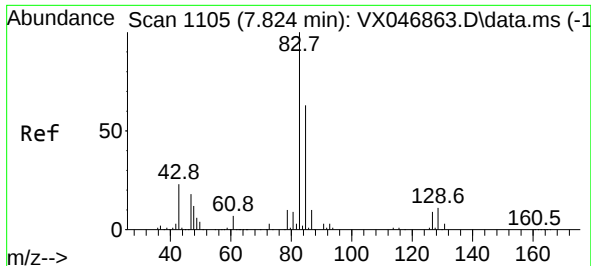
Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

174 95.1 77.4 116.2





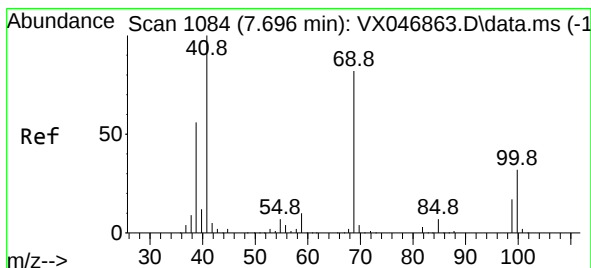
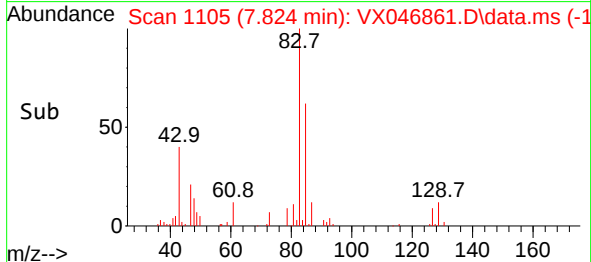
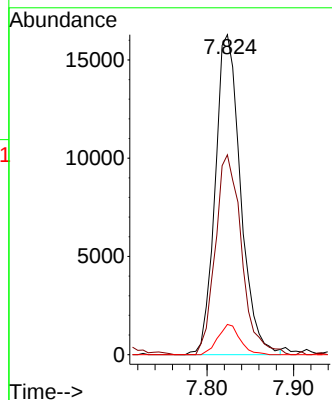
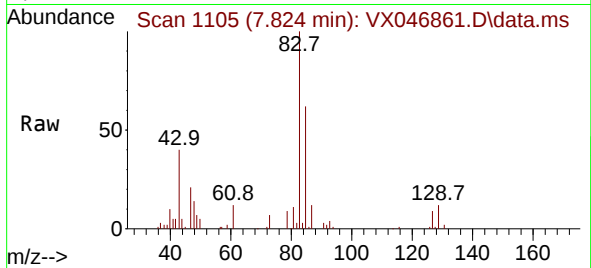
#47
Bromodichloromethane
Concen: 4.907 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 3314
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4
127 9.4 7.1 10.7

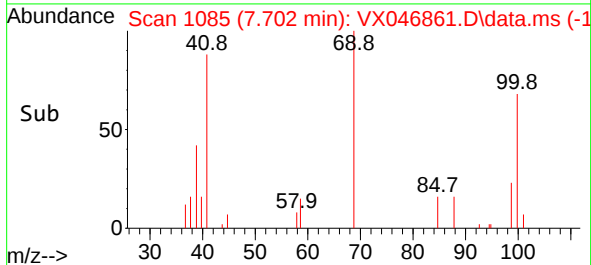
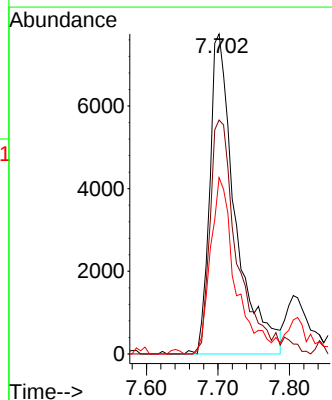
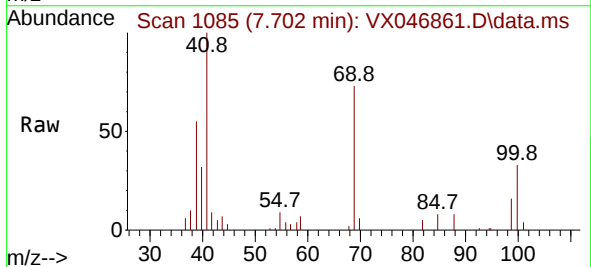
Manual Integrations
APPROVED

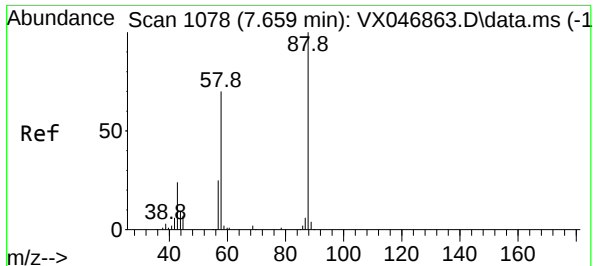
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#48
Methyl methacrylate
Concen: 4.762 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 41 Resp: 19166
Ion Ratio Lower Upper
41 100
69 79.8 65.8 98.8
39 53.6 43.8 65.6





#49

1,4-Dioxane

Concen: 99.650 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX046861.D

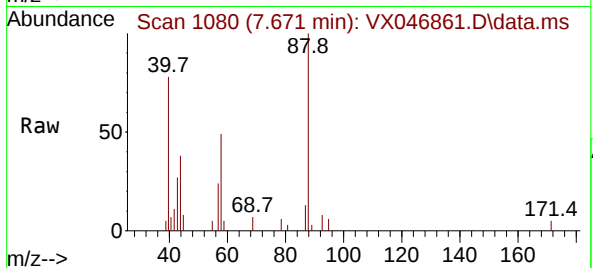
Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



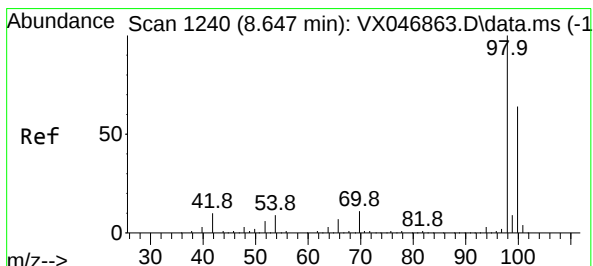
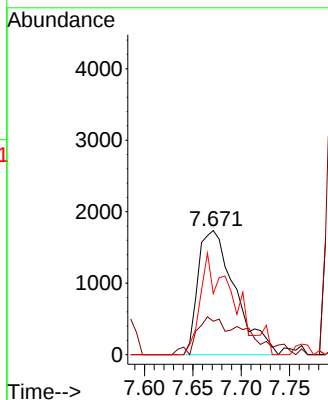
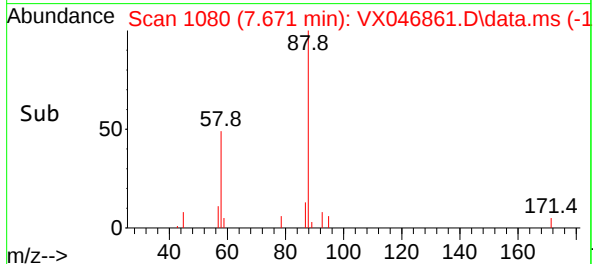
Tgt Ion:	88	Resp:	464
Ion	Ratio	Lower	Upper
88	100		
43	24.3	31.7	47.5
58	74.0	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#50

Toluene-d8

Concen: 5.335 ug/l

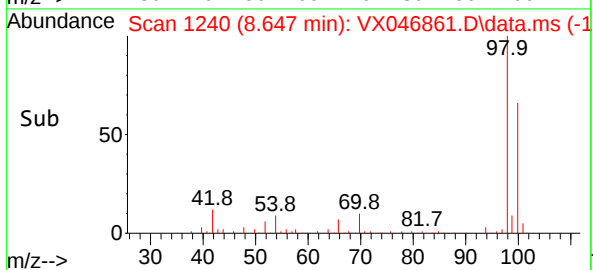
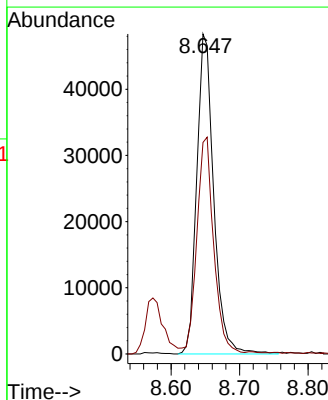
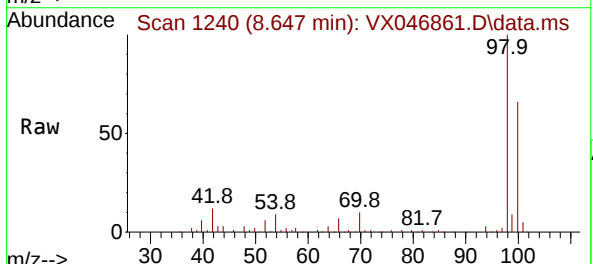
RT: 8.647 min Scan# 1240

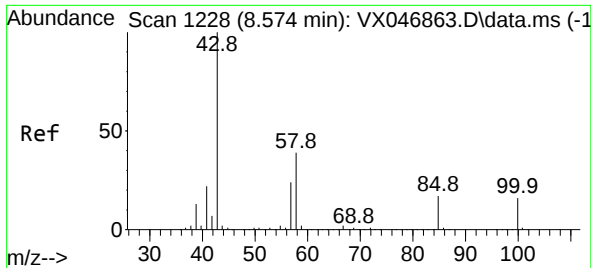
Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Tgt Ion:	98	Resp:	83349
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





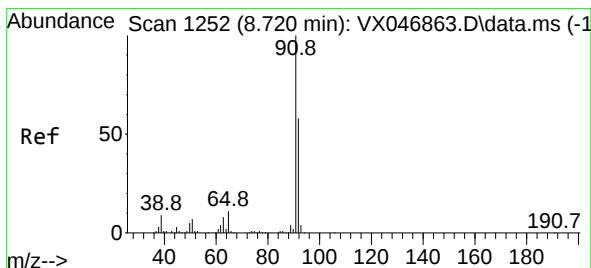
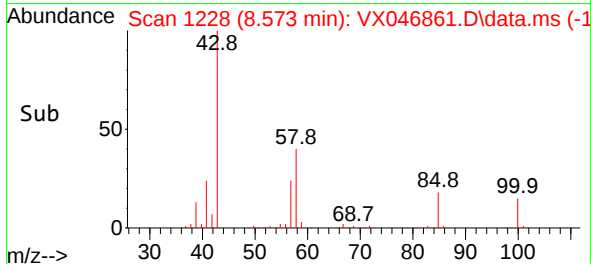
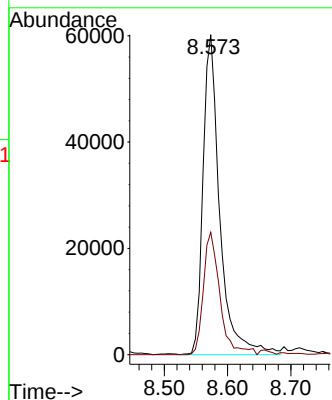
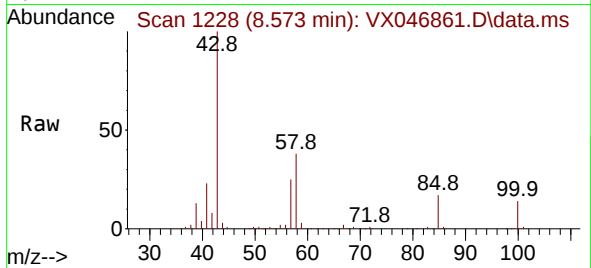
#51
4-Methyl-2-Pentanone
Concen: 24.096 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 110844
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

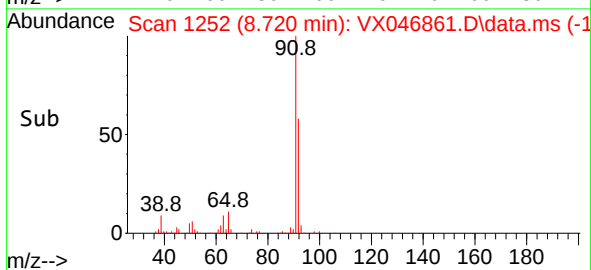
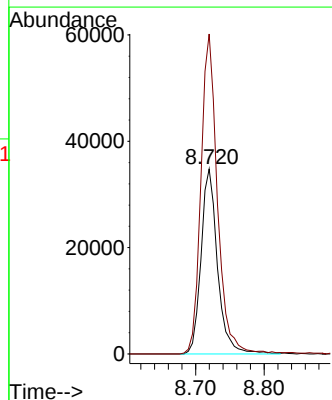
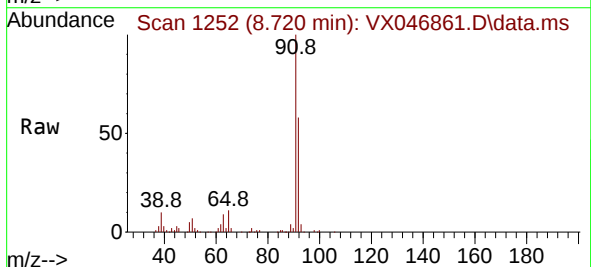
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#52
Toluene
Concen: 5.206 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 92 Resp: 58295
Ion Ratio Lower Upper
92 100
91 174.2 137.9 206.9





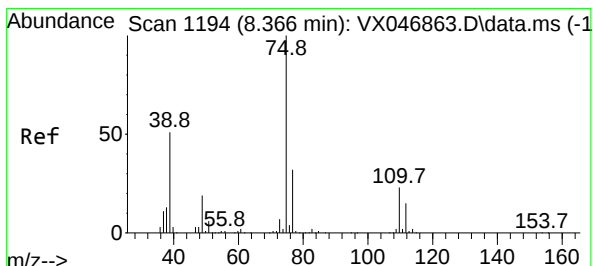
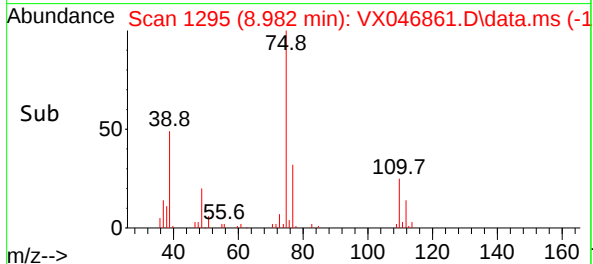
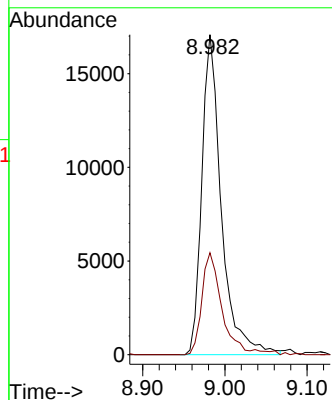
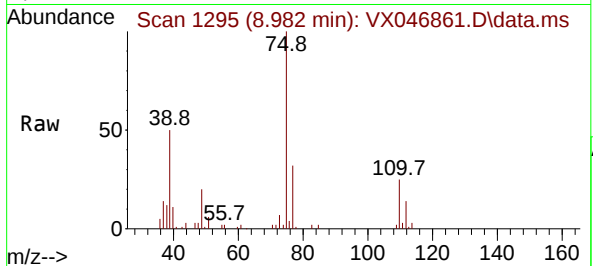
#53
t-1,3-Dichloropropene
Concen: 4.668 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2814
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6

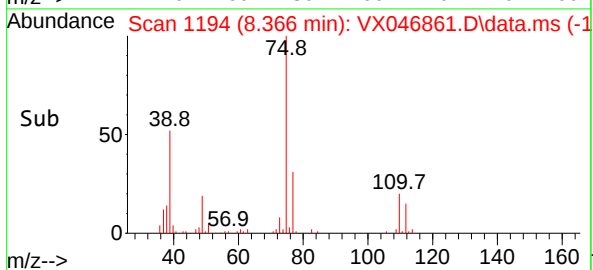
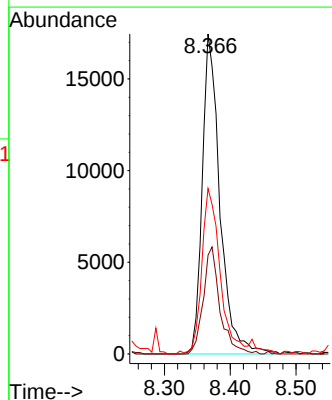
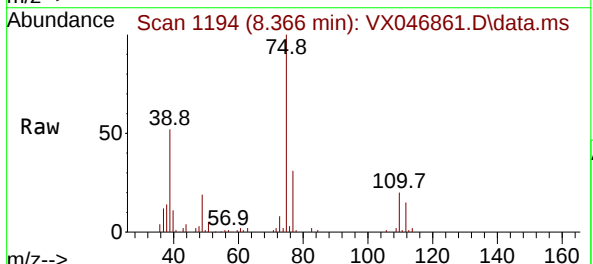
Manual Integrations
APPROVED

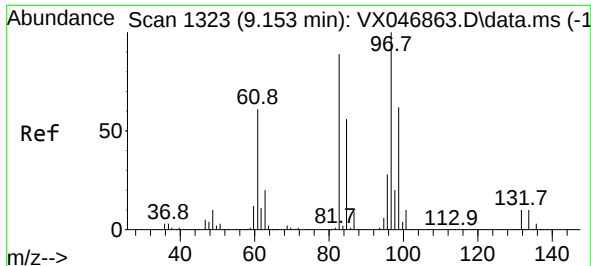
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#54
cis-1,3-Dichloropropene
Concen: 4.732 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

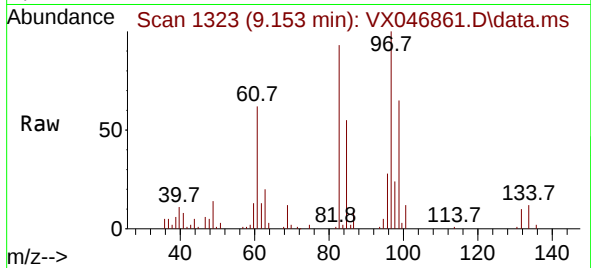
Tgt Ion: 75 Resp: 32562
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2
39 42.4 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 5.138 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

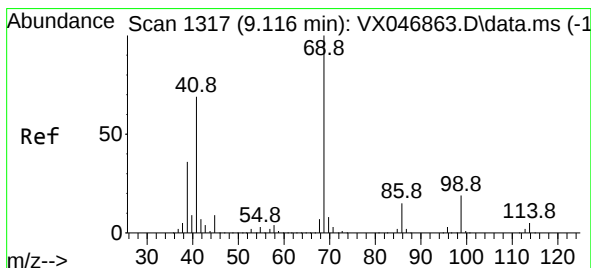
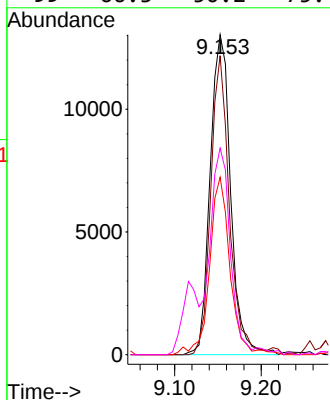
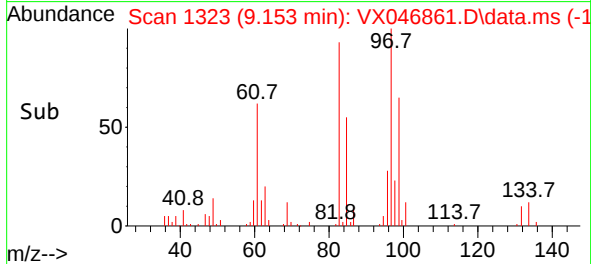
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



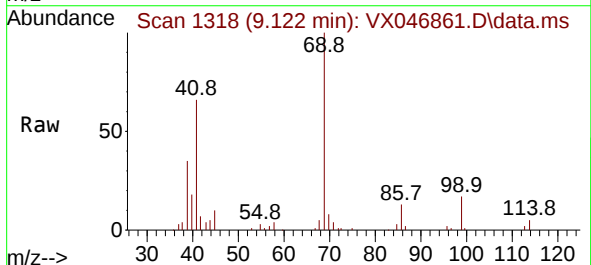
Tgt Ion: 97 Resp: 2143
Ion Ratio Lower Upper
97 100
83 93.5 70.9 106.3
85 54.9 44.6 67.0
99 66.3 50.2 75.4

Manual Integrations
APPROVED

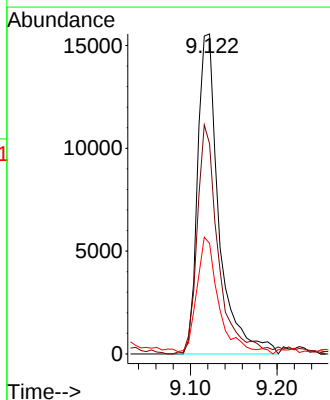
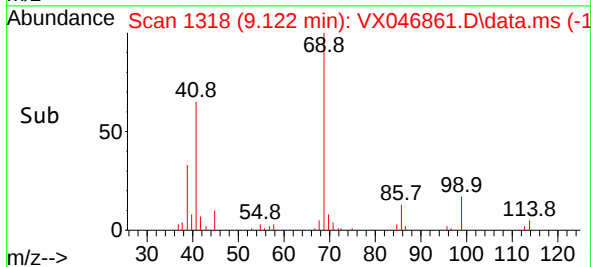
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

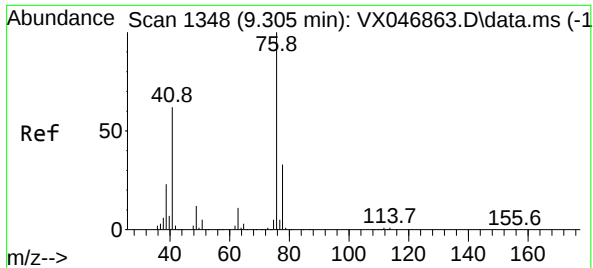


#56
Ethyl methacrylate
Concen: 4.619 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



Tgt Ion: 69 Resp: 26665
Ion Ratio Lower Upper
69 100
41 70.7 54.6 82.0
39 38.0 28.7 43.1





#57

1,3-Dichloropropane

Concen: 5.152 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 37000

Ion Ratio Lower Upper

76 100

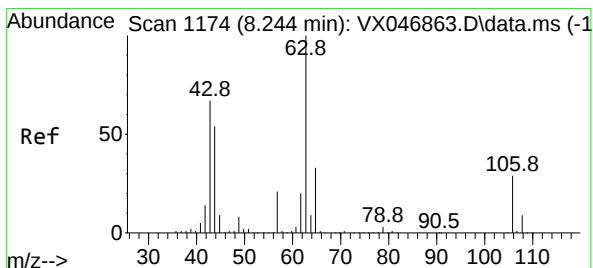
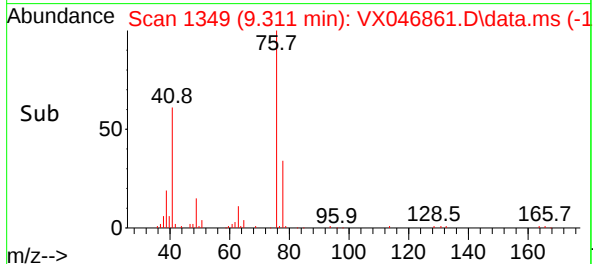
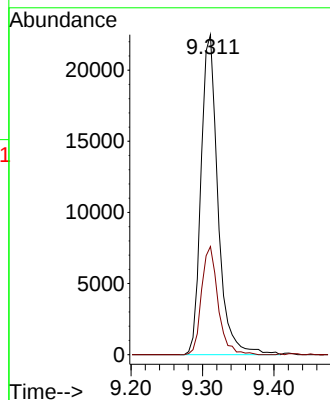
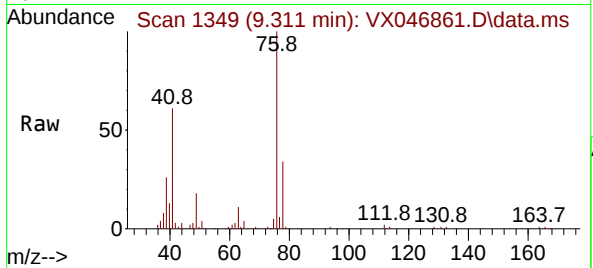
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 23.583 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046861.D

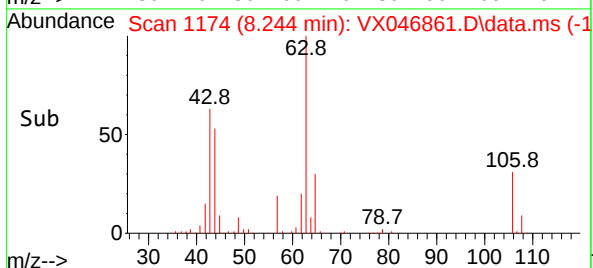
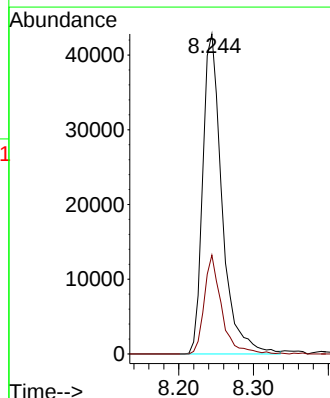
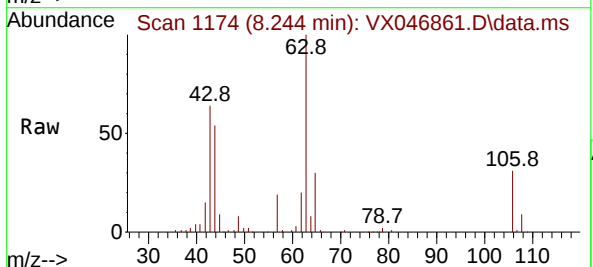
Acq: 02 Jul 2025 12:37

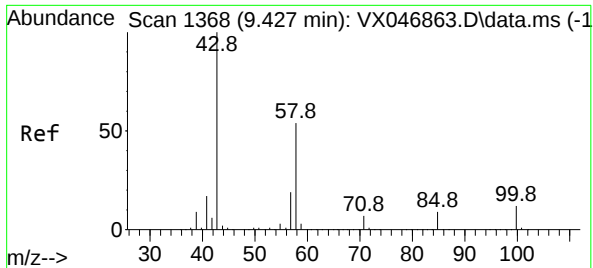
Tgt Ion: 63 Resp: 76711

Ion Ratio Lower Upper

63 100

106 27.8 22.6 33.8





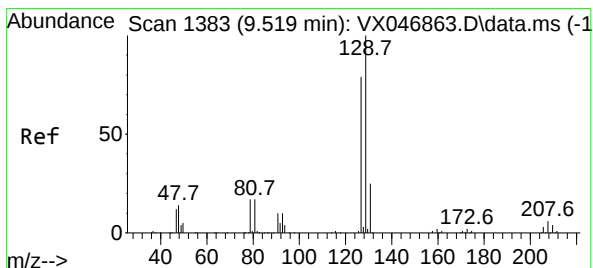
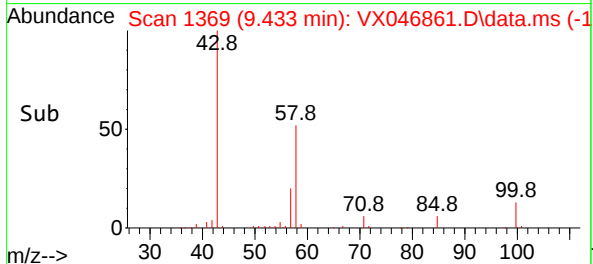
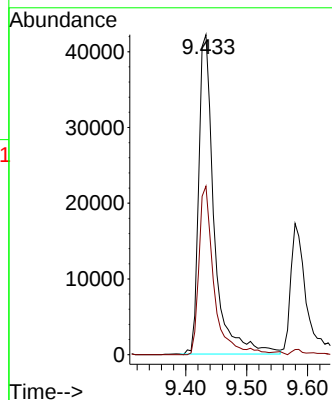
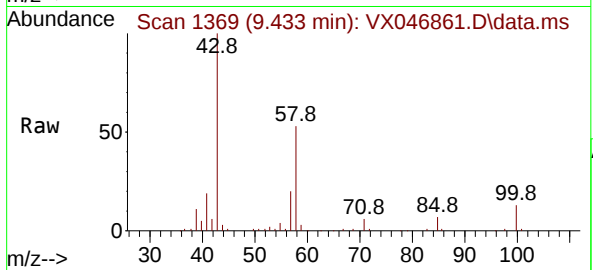
#59
2-Hexanone
Concen: 24.251 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7399
Ion Ratio Lower Upper
43 100
58 50.1 27.1 81.3

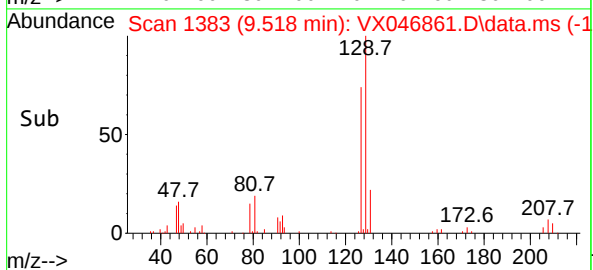
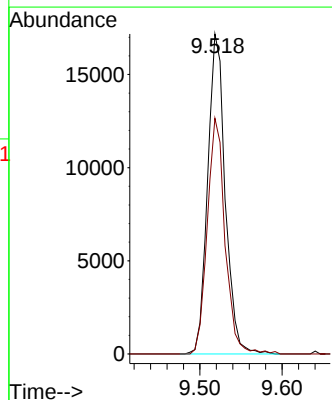
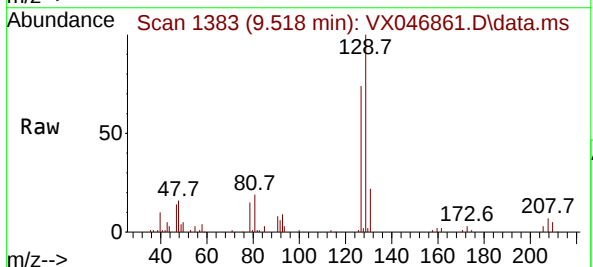
Manual Integrations
APPROVED

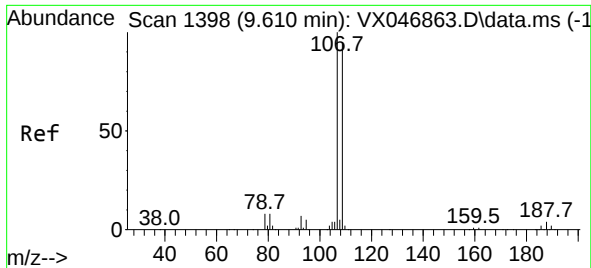
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#60
Dibromochloromethane
Concen: 5.101 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

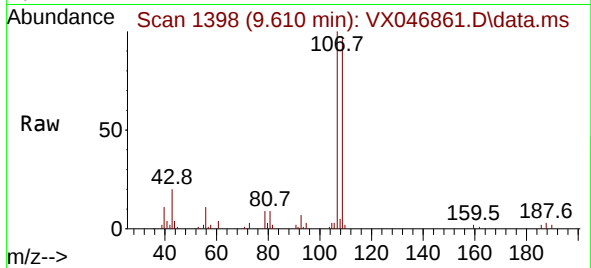
Tgt Ion:129 Resp: 25465
Ion Ratio Lower Upper
129 100
127 74.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 4.940 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

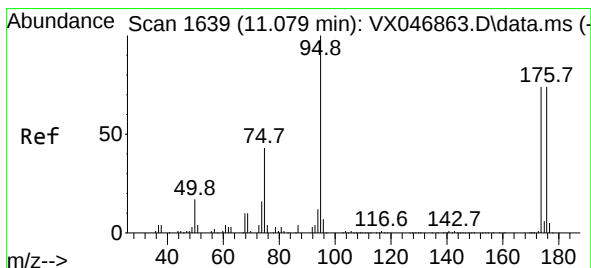
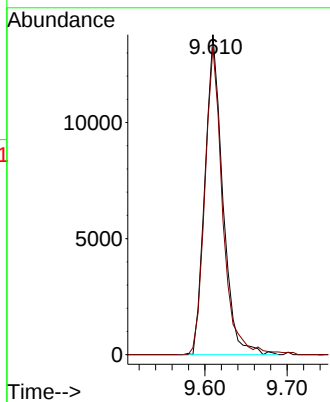
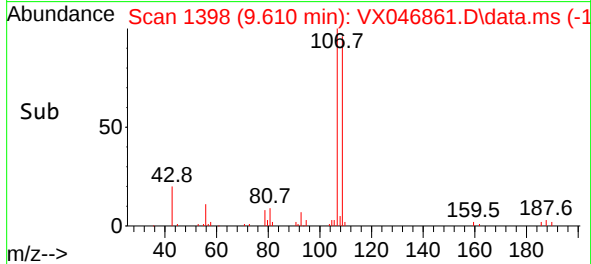
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



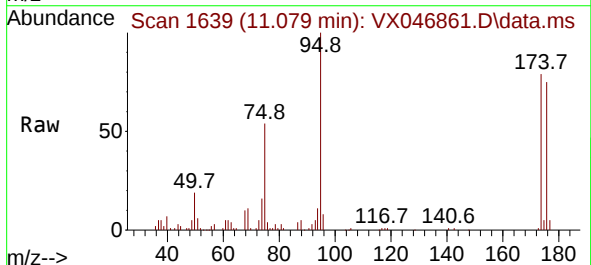
Tgt Ion:107 Resp: 2069
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2

Manual Integrations
APPROVED

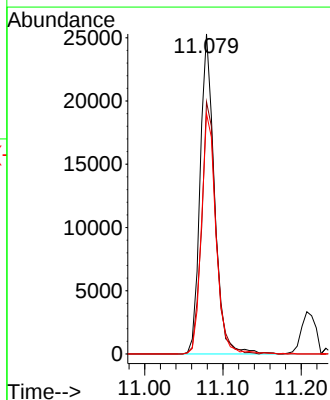
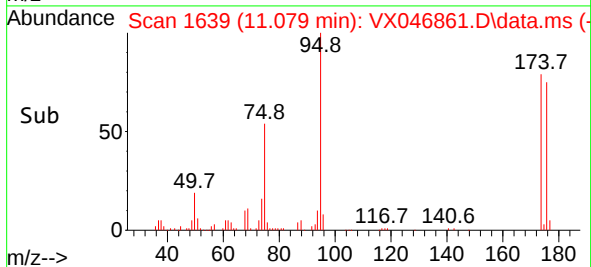
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#62
4-Bromofluorobenzene
Concen: 5.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



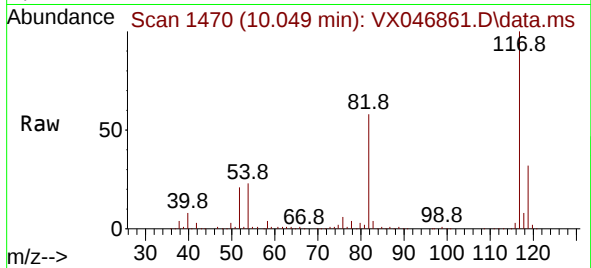
Tgt Ion: 95 Resp: 32156
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.0
176 76.4 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

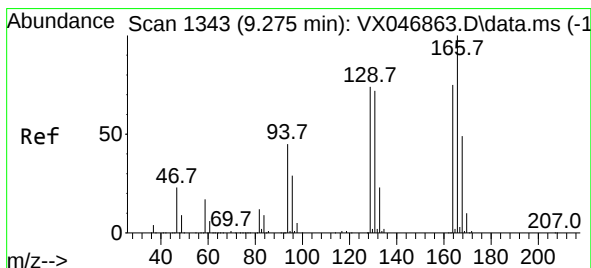
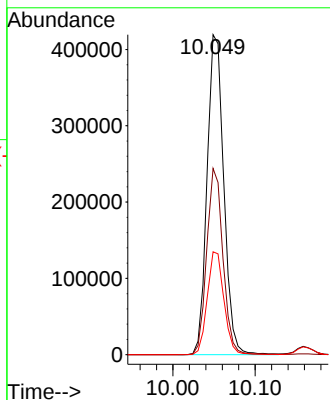
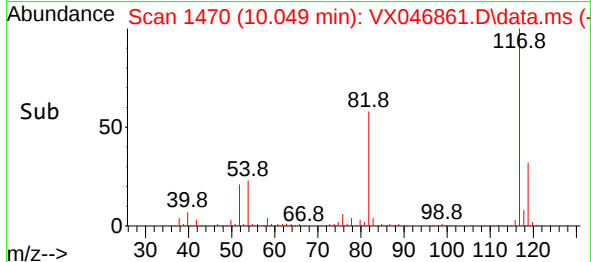
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 592225
Ion Ratio Lower Upper
117 100
82 58.2 43.3 64.9
119 32.2 26.4 39.6

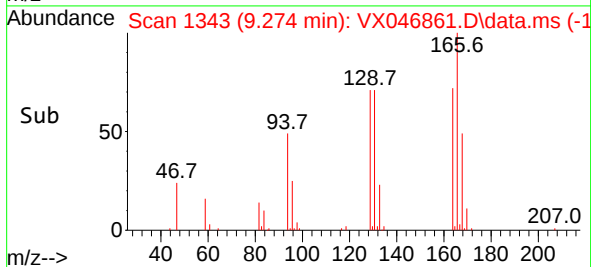
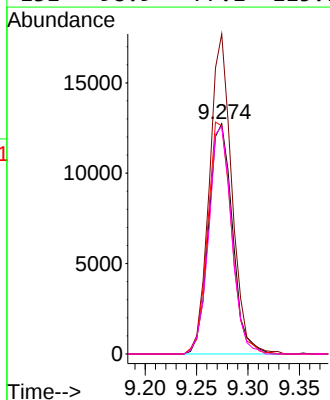
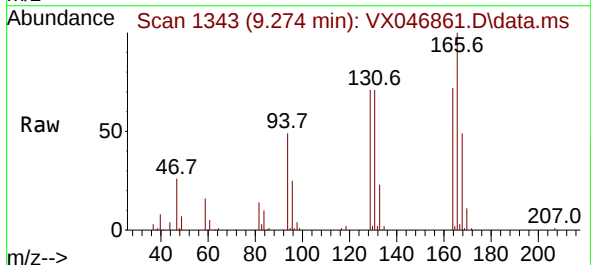
Manual Integrations
APPROVED

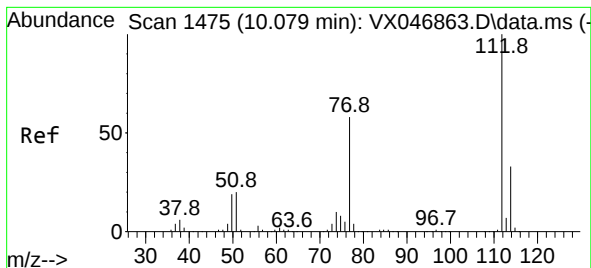
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#64
Tetrachloroethene
Concen: 5.203 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion:164 Resp: 20514
Ion Ratio Lower Upper
164 100
166 138.9 107.0 160.6
129 99.1 79.7 119.5
131 98.9 77.1 115.7





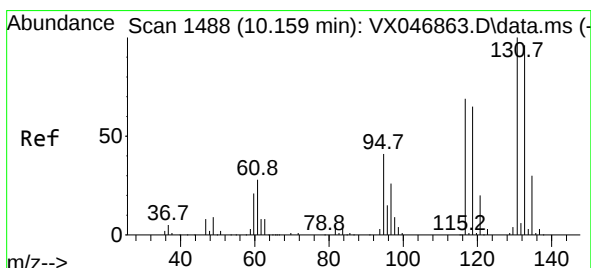
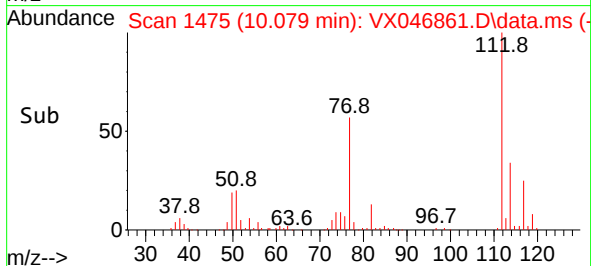
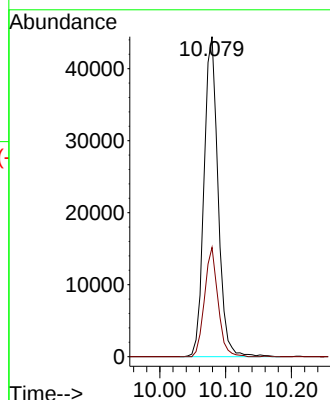
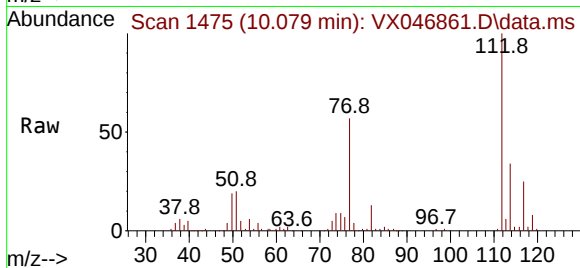
#65
Chlorobenzene
Concen: 5.166 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 66148
Ion Ratio Lower Upper
112 100
114 34.2 26.3 39.5

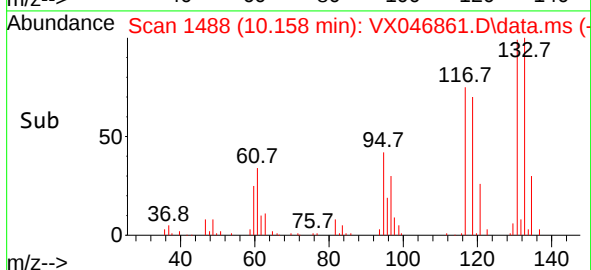
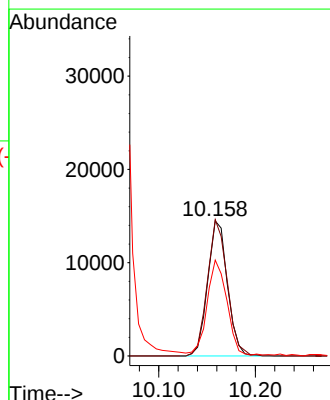
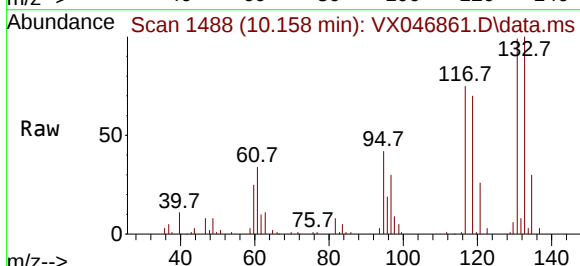
Manual Integrations
APPROVED

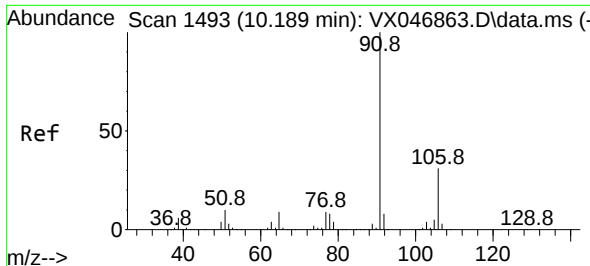
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.770 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion:131 Resp: 20533
Ion Ratio Lower Upper
131 100
133 101.0 47.6 142.9
119 70.2 32.4 97.2





#67

Ethyl Benzene

Concen: 5.046 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 11063

Ion Ratio Lower Upper

91 100

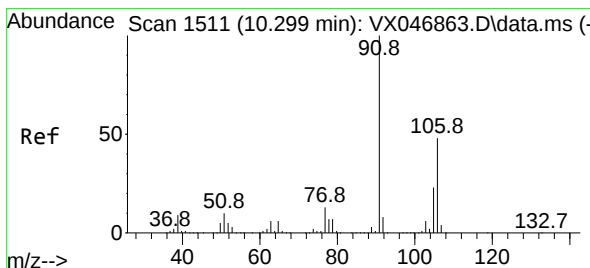
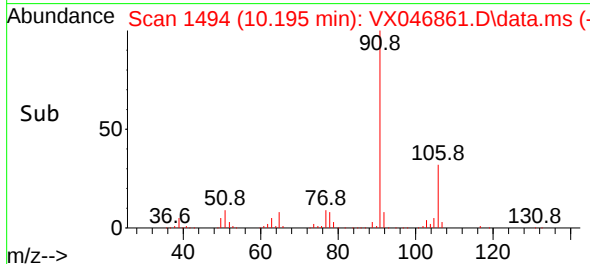
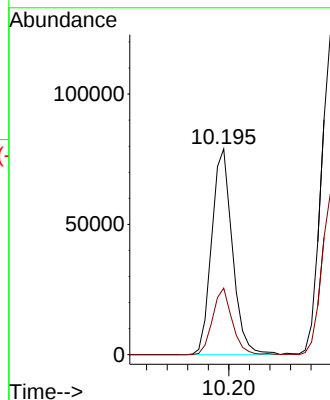
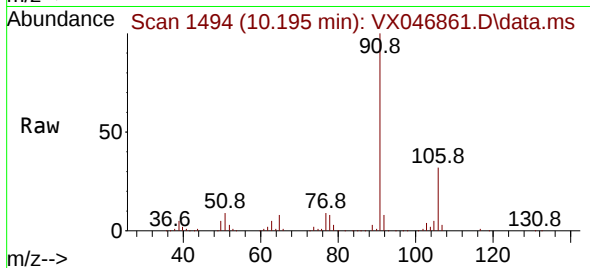
106 32.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#68

m/p-Xylenes

Concen: 10.176 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046861.D

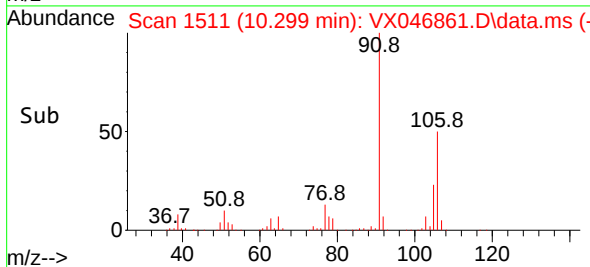
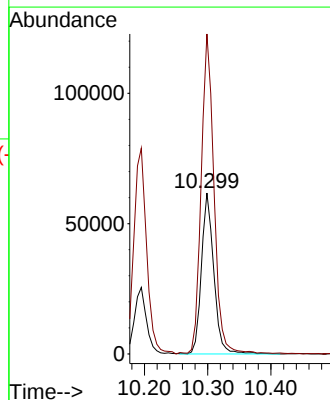
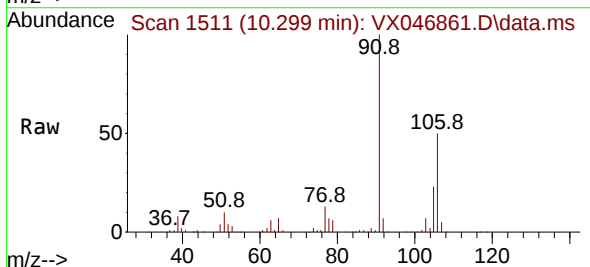
Acq: 02 Jul 2025 12:37

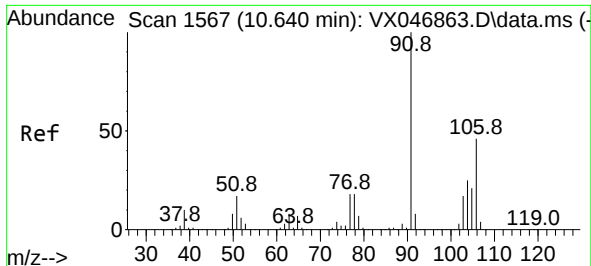
Tgt Ion:106 Resp: 84083

Ion Ratio Lower Upper

106 100

91 205.3 164.6 246.8





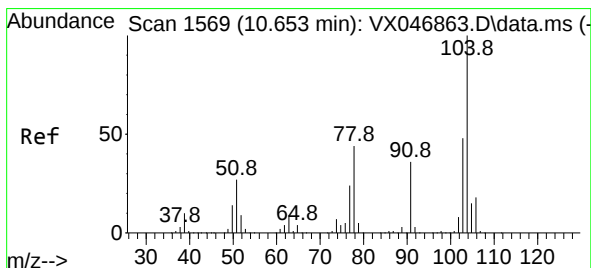
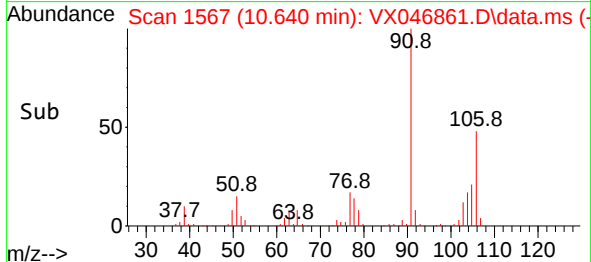
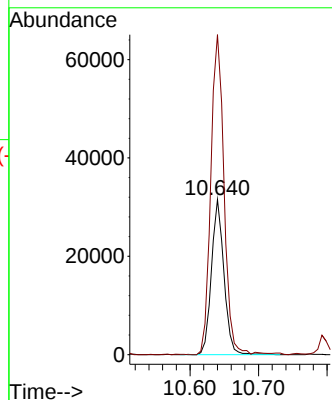
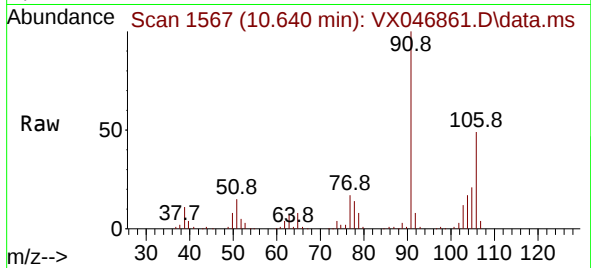
#69
o-Xylene
Concen: 5.021 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 40078
Ion Ratio Lower Upper
106 100
91 217.4 109.5 328.5

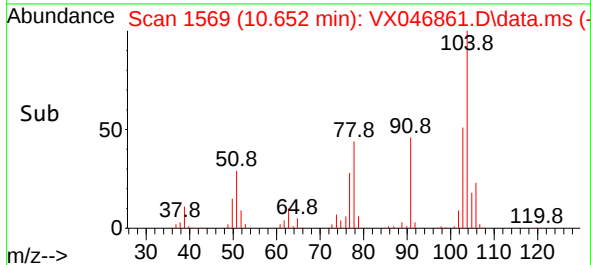
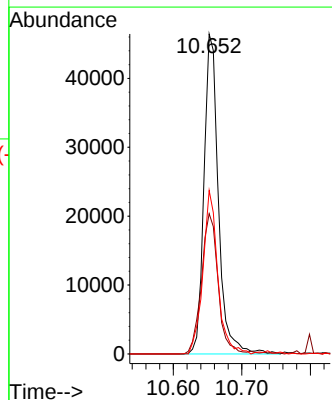
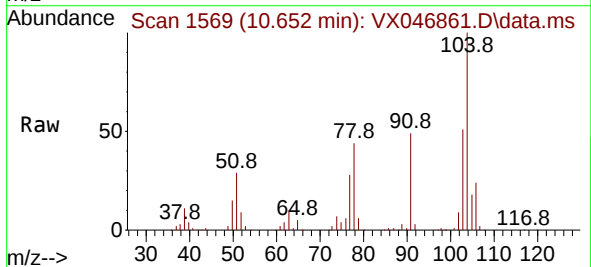
Manual Integrations
APPROVED

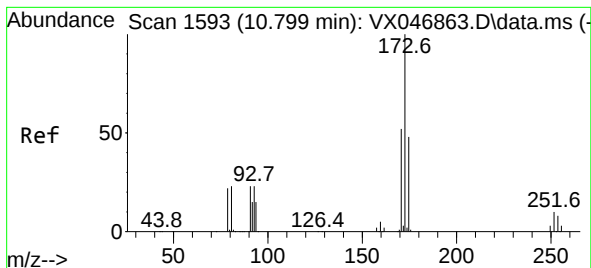
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#70
Styrene
Concen: 4.998 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion:104 Resp: 68250
Ion Ratio Lower Upper
104 100
78 51.1 40.3 60.5
103 52.6 42.8 64.2





#71

Bromoform

Concen: 4.831 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

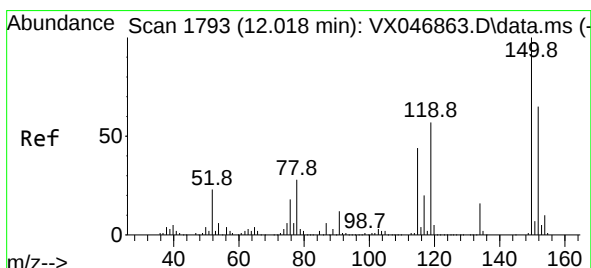
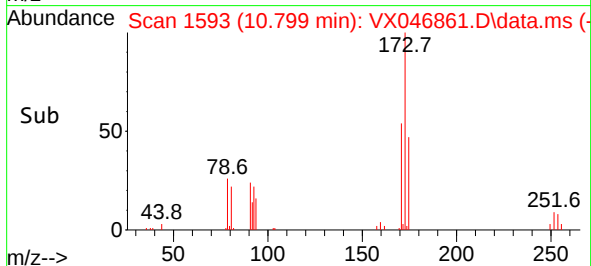
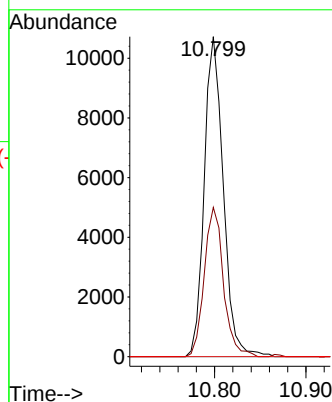
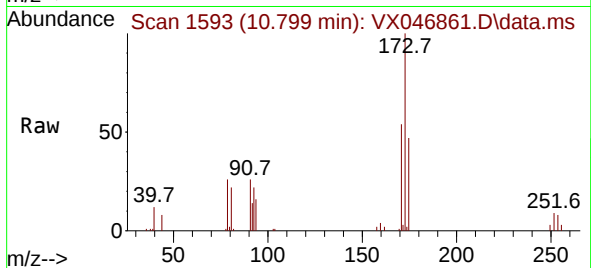
Tgt Ion:	173	Resp:	1546
Ion Ratio	Lower	Upper	
173	100		
175	47.1	23.8	71.5
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

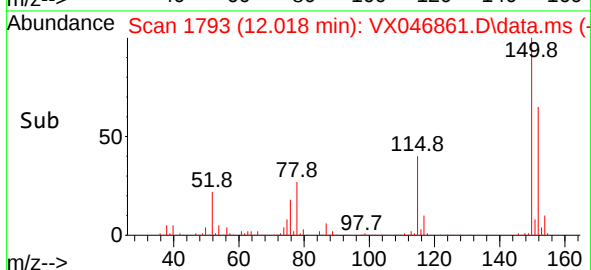
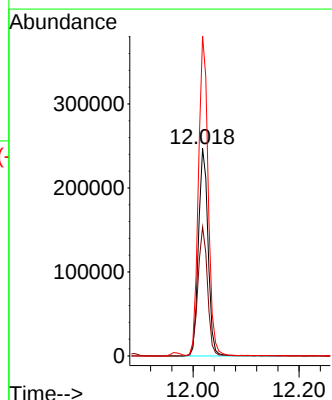
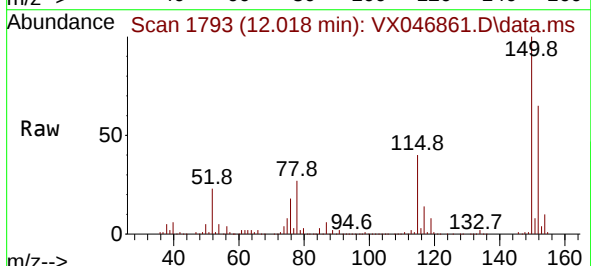
RT: 12.018 min Scan# 1793

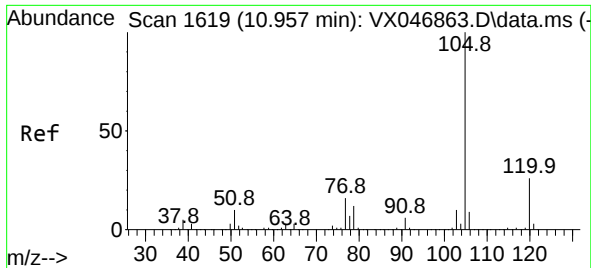
Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Tgt Ion:	152	Resp:	309407
Ion Ratio	Lower	Upper	
152	100		
115	62.9	42.4	127.1
150	155.9	0.0	349.2





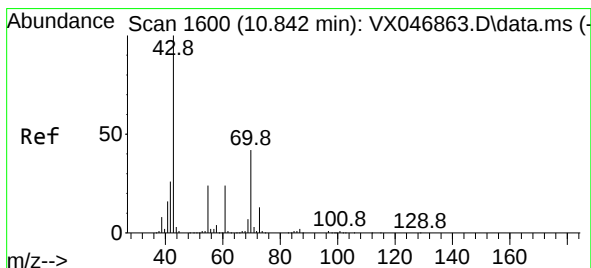
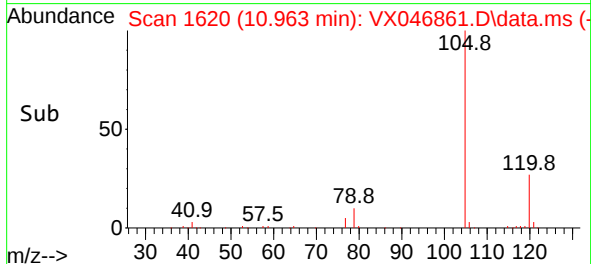
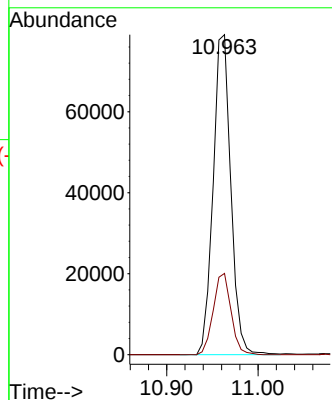
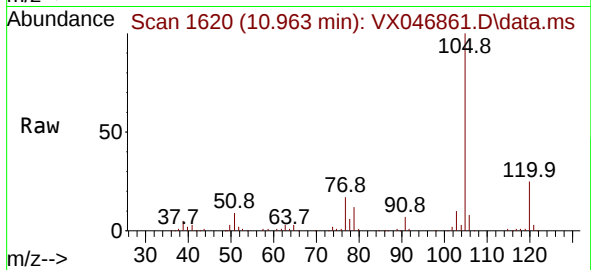
#73
Isopropylbenzene
Concen: 4.876 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 10606
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

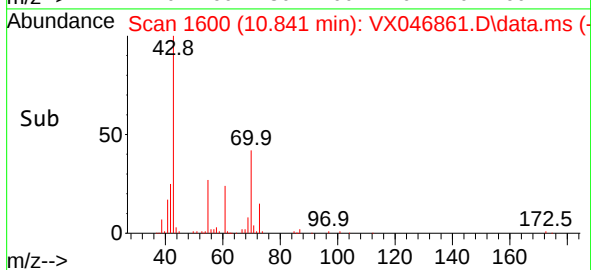
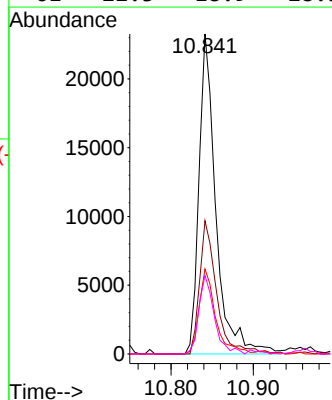
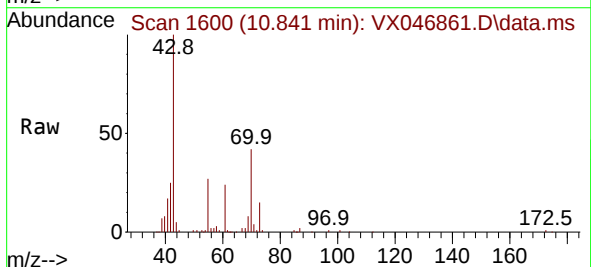
Manual Integrations
APPROVED

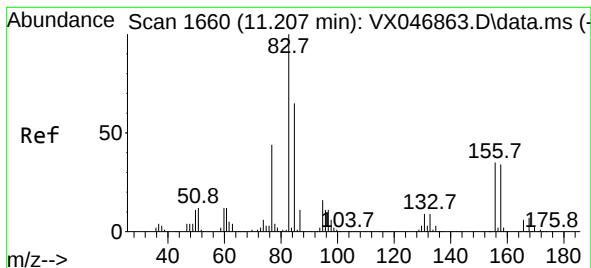
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#74
N-ethyl acetate
Concen: 4.517 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 43 Resp: 33387
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.2
55 25.9 19.6 29.4
61 22.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.905 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.000 min

Lab File: VX046861.D

Acq: 02 Jul 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2933

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

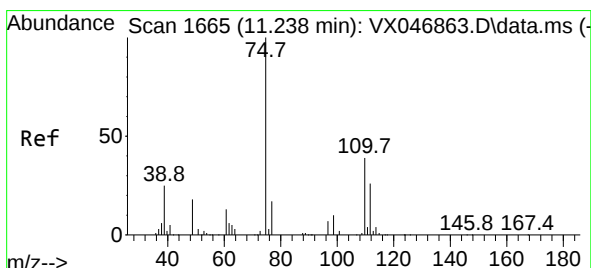
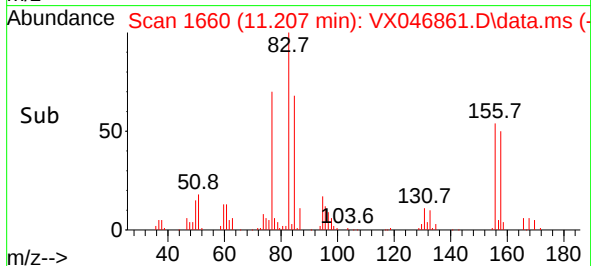
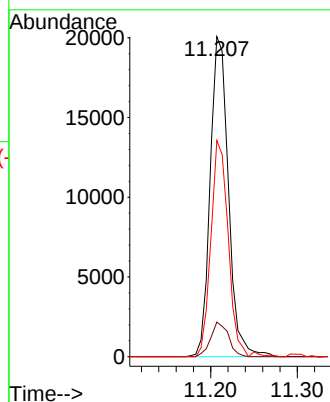
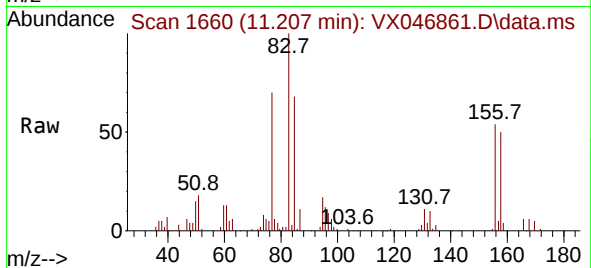
85 64.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#76

1,2,3-Trichloropropane

Concen: 4.660 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046861.D

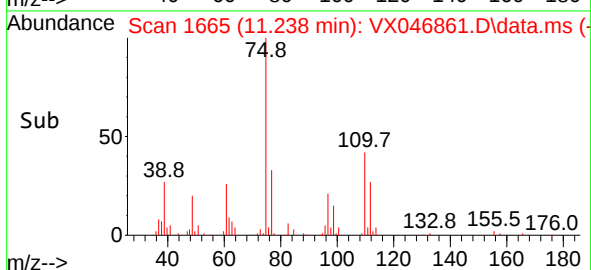
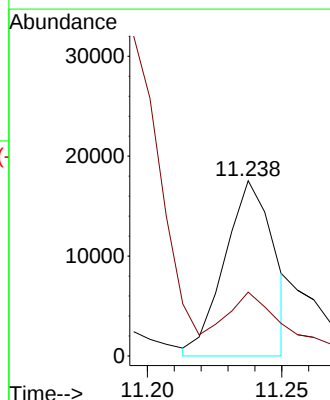
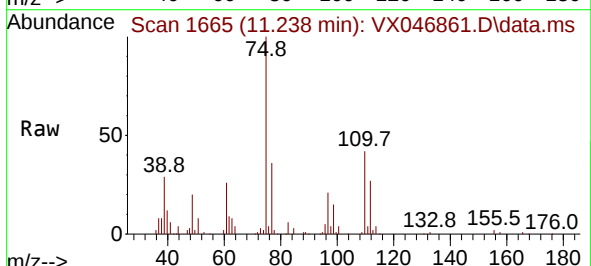
Acq: 02 Jul 2025 12:37

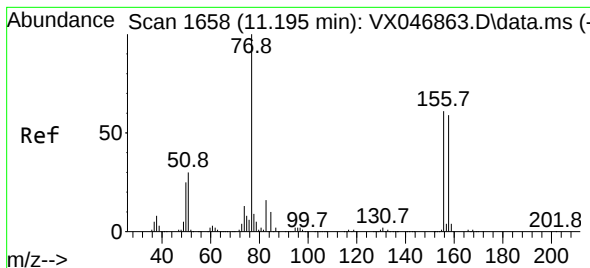
Tgt Ion: 75 Resp: 22279

Ion Ratio Lower Upper

75 100

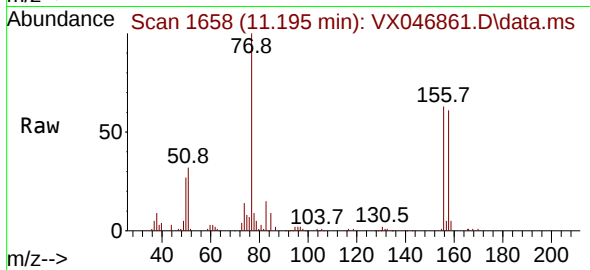
77 47.2 20.6 61.8





#77
Bromobenzene
Concen: 5.082 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

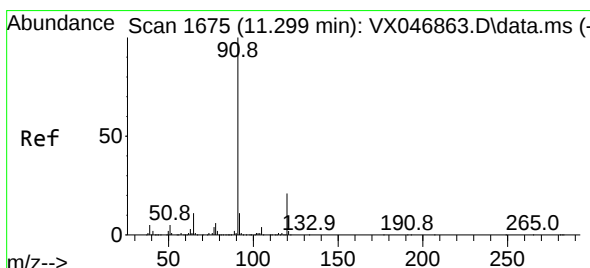
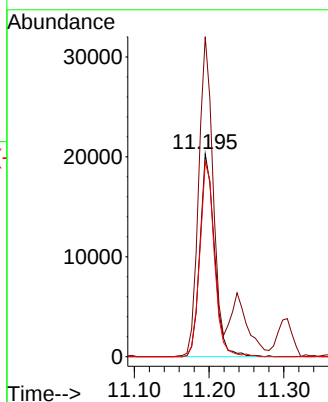
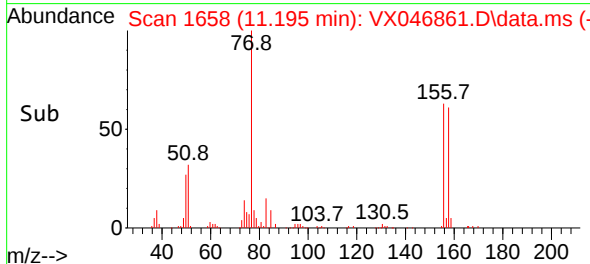
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



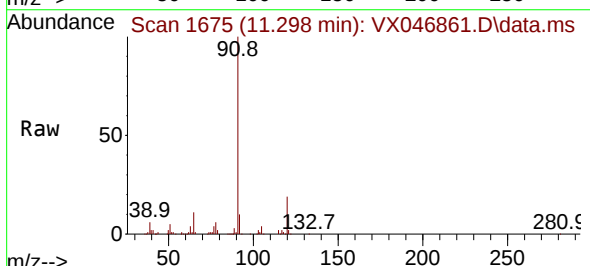
Tgt Ion:156 Resp: 27534
Ion Ratio Lower Upper
156 100
77 154.6 82.3 247.0
158 96.0 47.5 142.6

Manual Integrations
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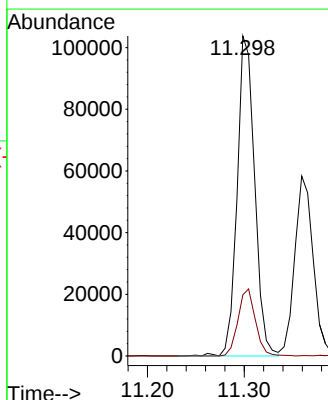
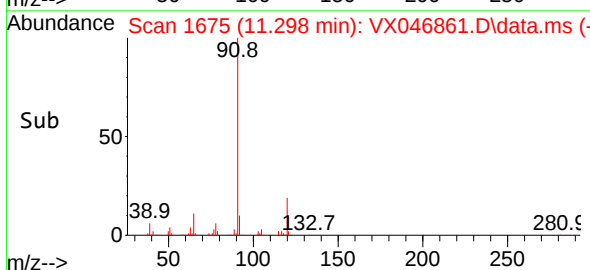
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

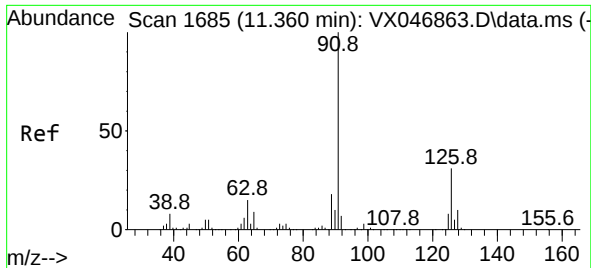


#78
n-propylbenzene
Concen: 4.982 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



Tgt Ion: 91 Resp: 130658
Ion Ratio Lower Upper
91 100
120 20.9 11.2 33.5





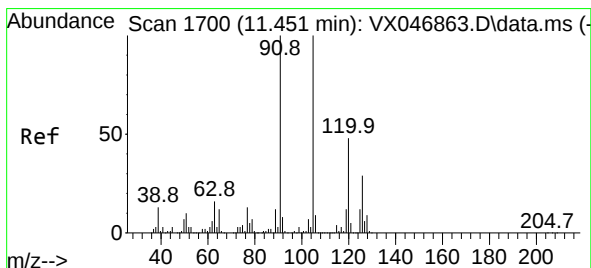
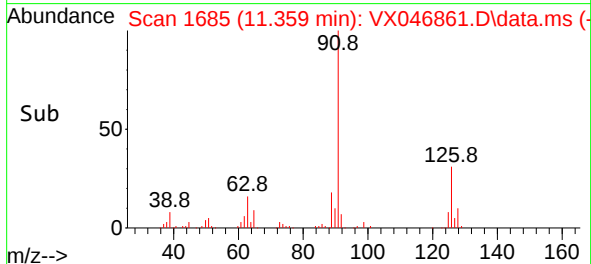
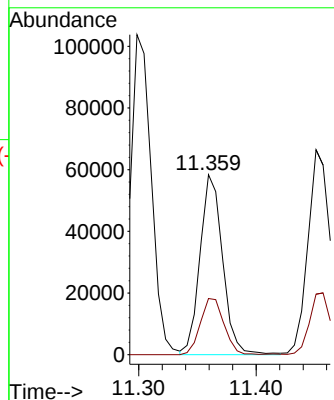
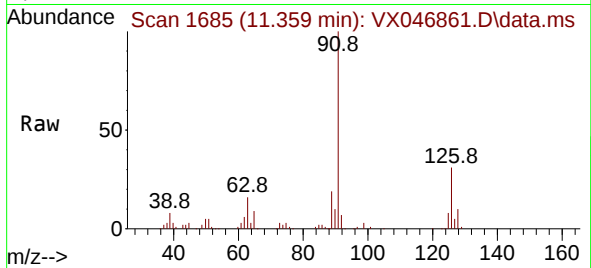
#79
2-Chlorotoluene
Concen: 5.042 ug/l
RT: 11.359 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 78075
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.8

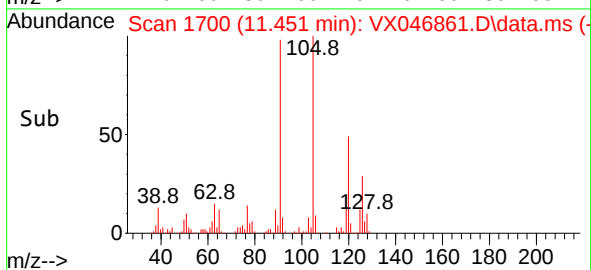
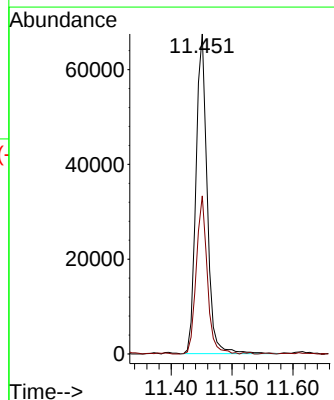
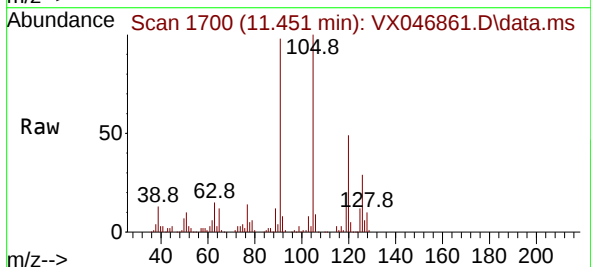
Manual Integrations
APPROVED

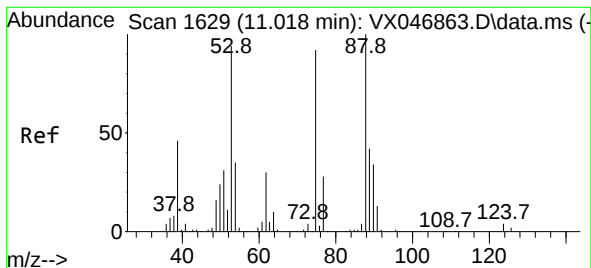
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion:105 Resp: 86020
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.4





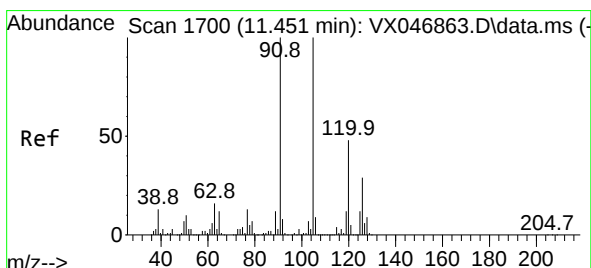
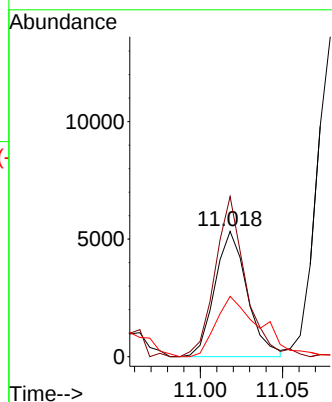
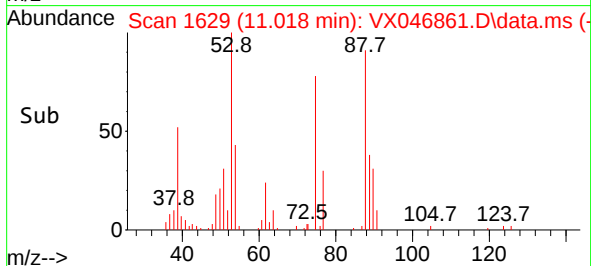
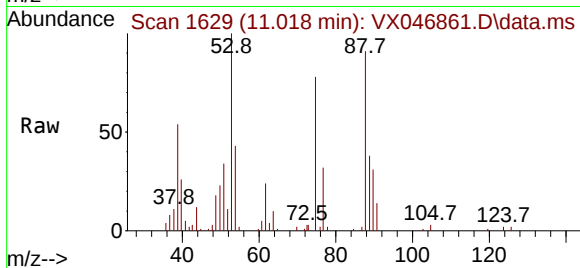
#81
trans-1,4-Dichloro-2-butene
Concen: 4.100 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 7304
Ion Ratio Lower Upper
75 100
53 120.6 83.7 125.5
89 66.3 38.2 57.2

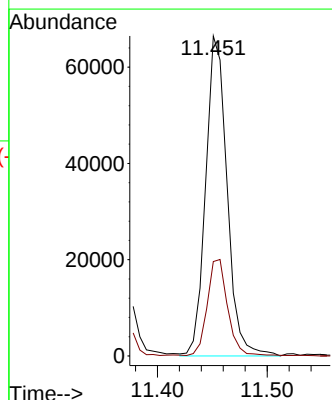
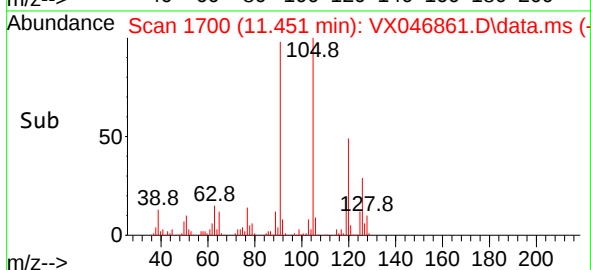
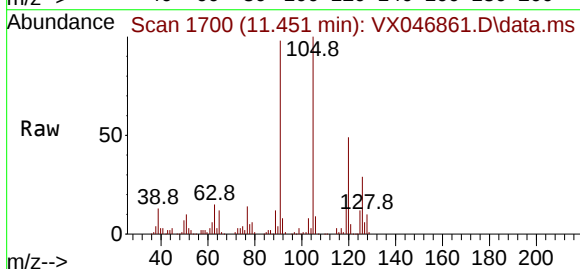
Manual Integrations
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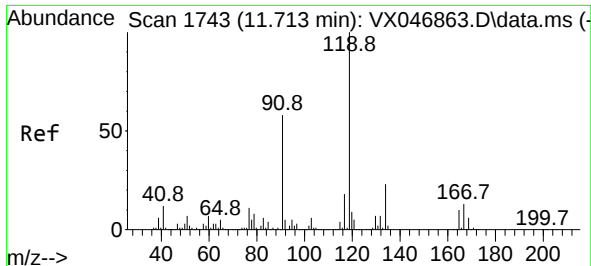
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#82
4-Chlorotoluene
Concen: 5.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion: 91 Resp: 90236
Ion Ratio Lower Upper
91 100
126 29.0 14.6 44.0





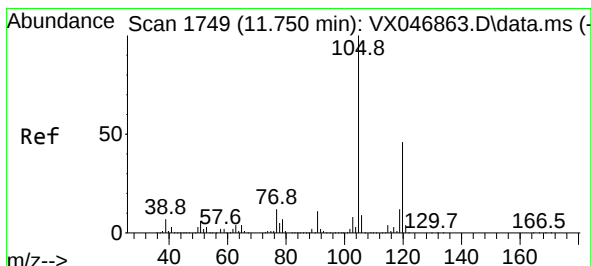
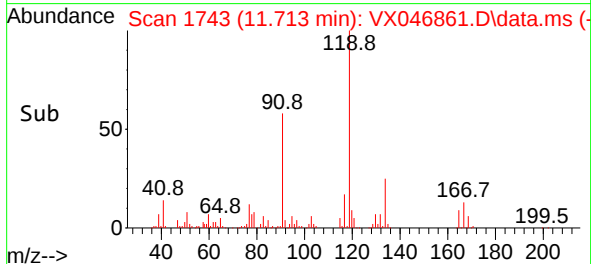
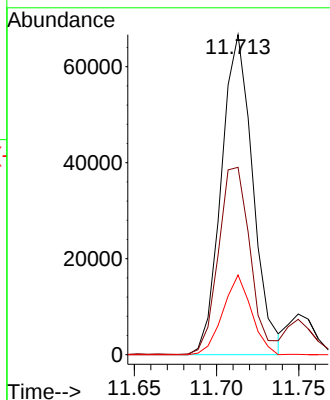
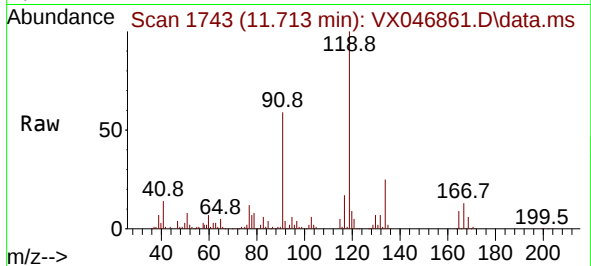
#83
tert-Butylbenzene
Concen: 4.876 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 88998
Ion Ratio Lower Upper
119 100
91 59.2 28.7 86.3
134 22.6 11.4 34.2

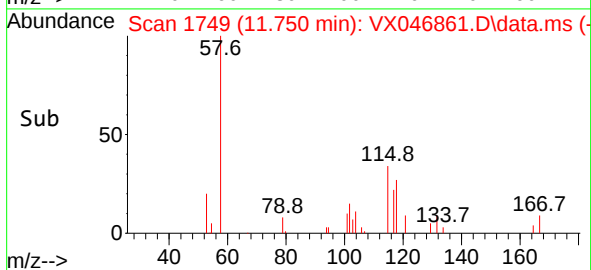
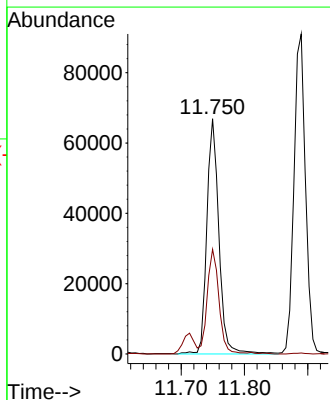
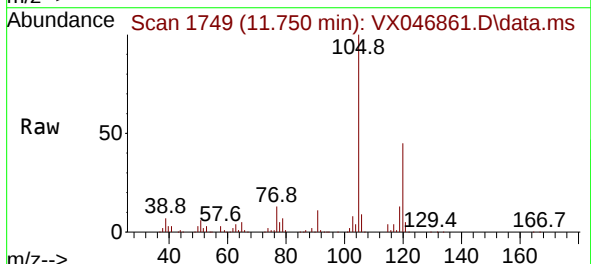
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.975 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion:105 Resp: 88868
Ion Ratio Lower Upper
105 100
120 43.0 23.3 69.8





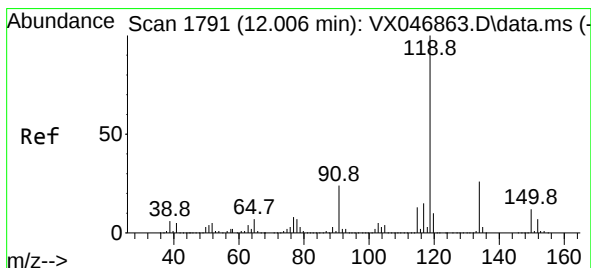
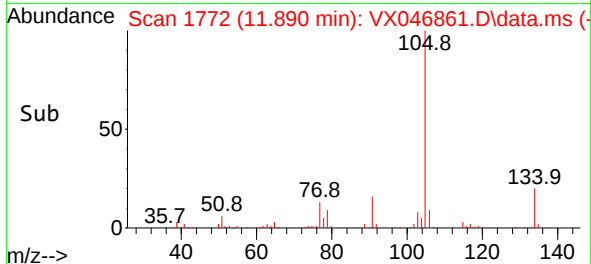
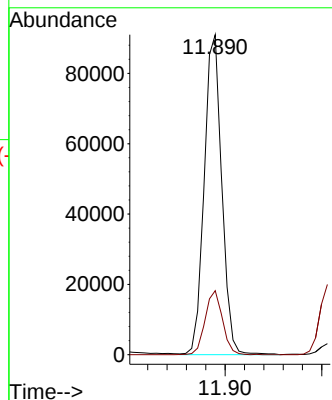
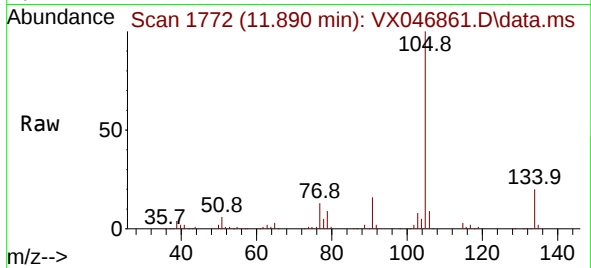
#85
 sec-Butylbenzene
 Concen: 5.003 ug/l
 RT: 11.890 min Scan# 11890
 Delta R.T. 0.006 min
 Lab File: VX046861.D
 Acq: 02 Jul 2025 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 11514
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

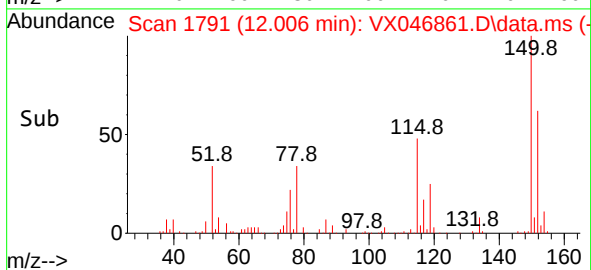
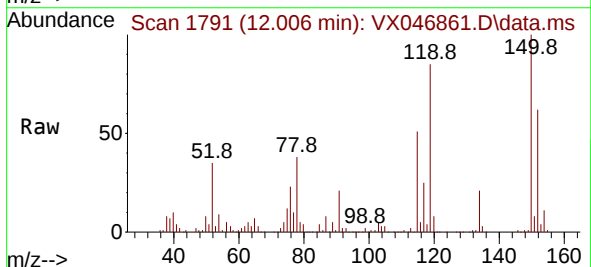
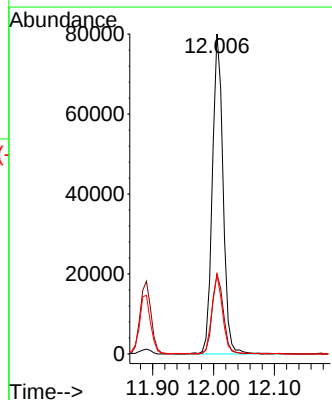
Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#86
 p-Isopropyltoluene
 Concen: 5.072 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046861.D
 Acq: 02 Jul 2025 12:37

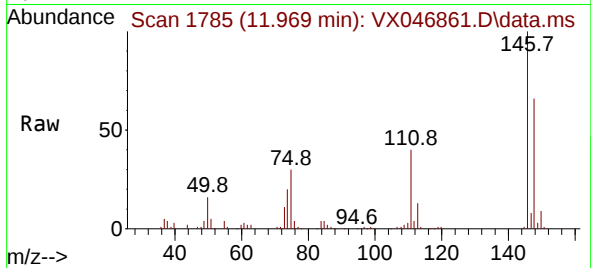
Tgt Ion:119 Resp: 97742
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.9 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 5.083 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

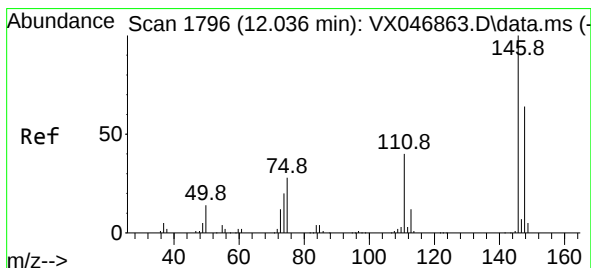
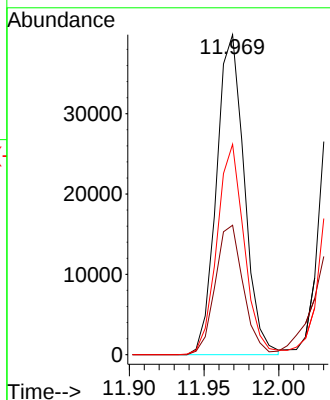
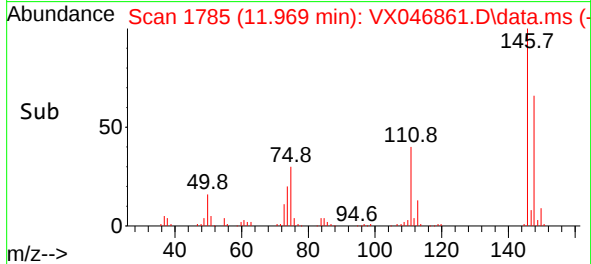
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



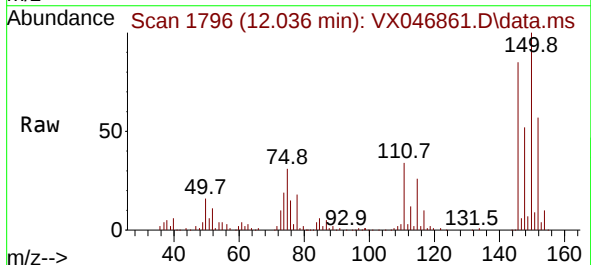
Tgt Ion:146 Resp: 51500
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 65.0 31.4 94.2

Manual Integrations
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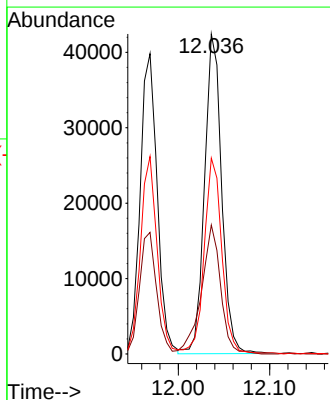
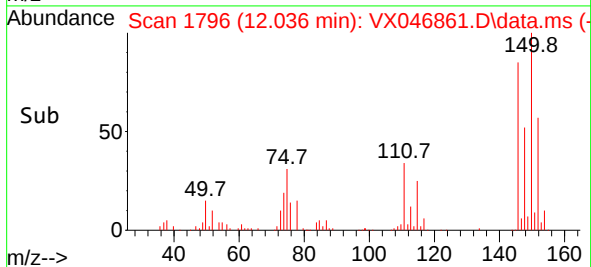
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

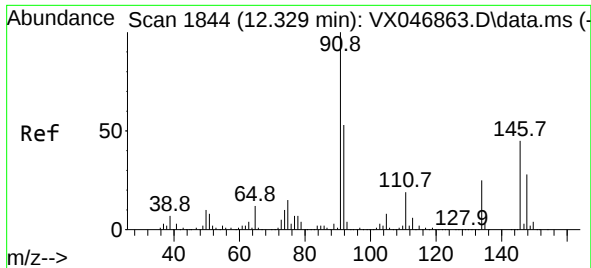


#88
1,4-Dichlorobenzene
Concen: 5.210 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



Tgt Ion:146 Resp: 54943
Ion Ratio Lower Upper
146 100
111 45.8 20.2 60.5
148 63.2 32.4 97.0





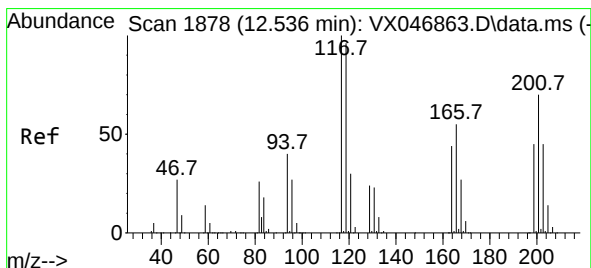
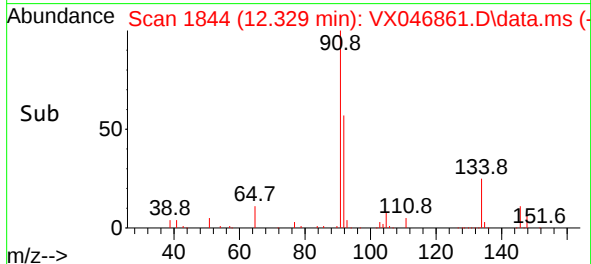
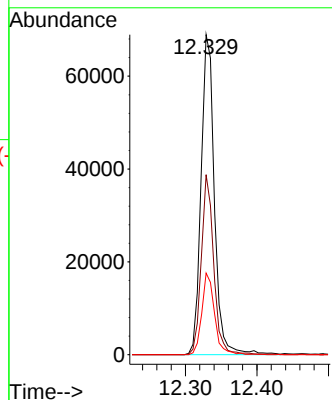
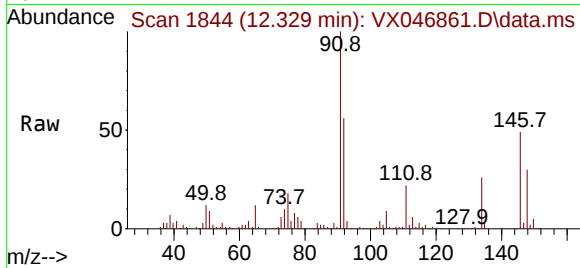
#89
n-Butylbenzene
Concen: 4.939 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8943
Ion Ratio Lower Upper
91 100
92 52.3 27.0 81.0
134 24.2 12.8 38.4

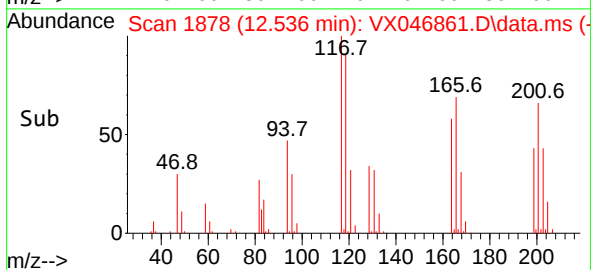
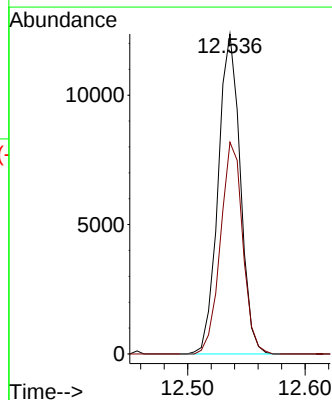
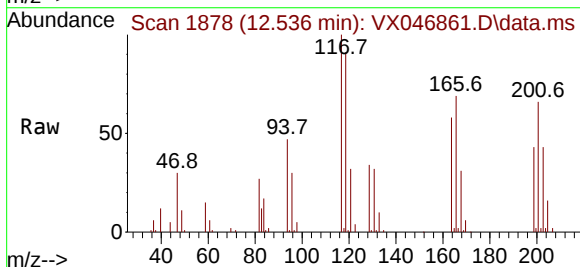
Manual Integrations
APPROVED

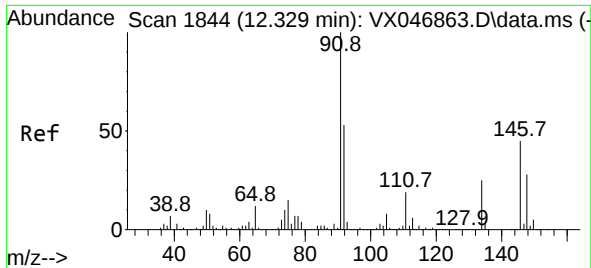
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#90
Hexachloroethane
Concen: 4.733 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Tgt Ion:117 Resp: 16170
Ion Ratio Lower Upper
117 100
201 66.6 35.8 107.4





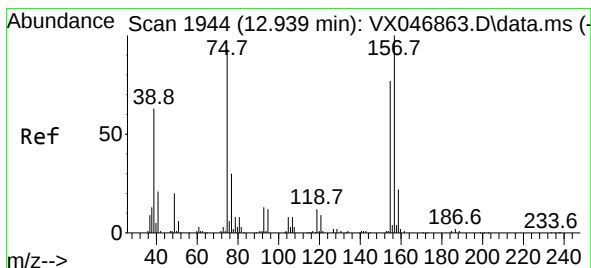
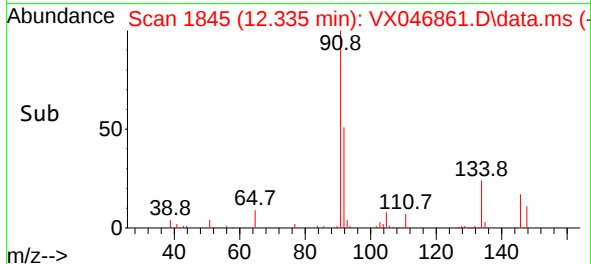
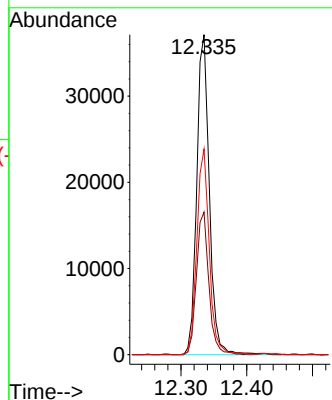
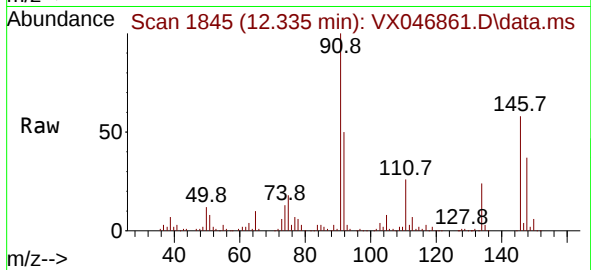
#91
1,2-Dichlorobenzene
Concen: 5.016 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 4925
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.1
148 63.4 31.6 95.0

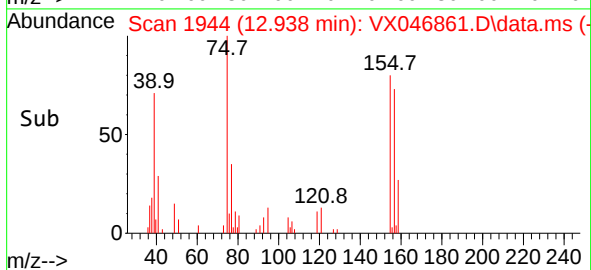
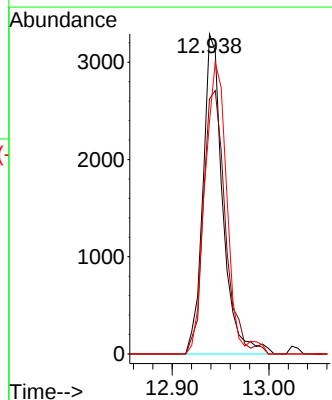
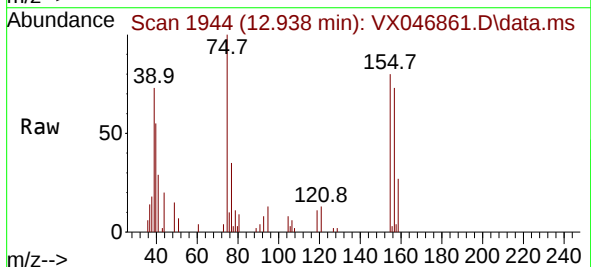
Manual Integrations
APPROVED

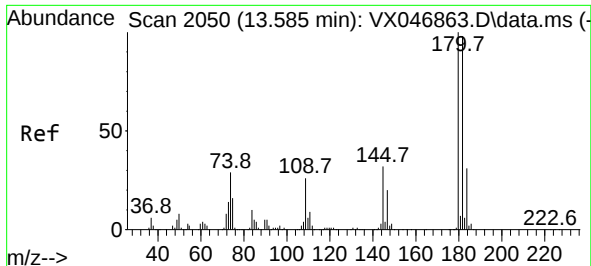
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.469 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

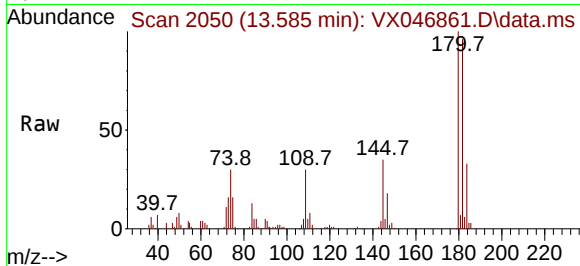
Tgt Ion: 75 Resp: 4675
Ion Ratio Lower Upper
75 100
155 91.8 43.1 129.4
157 99.1 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 4.731 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

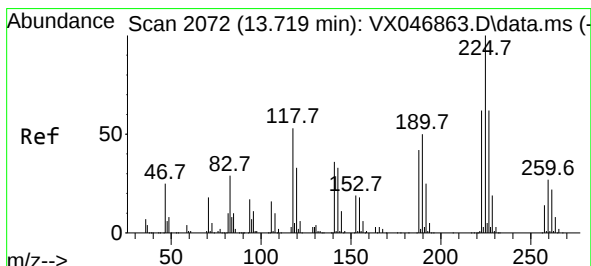
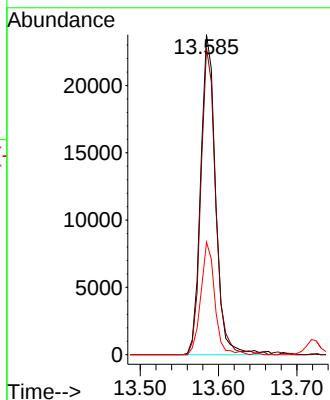
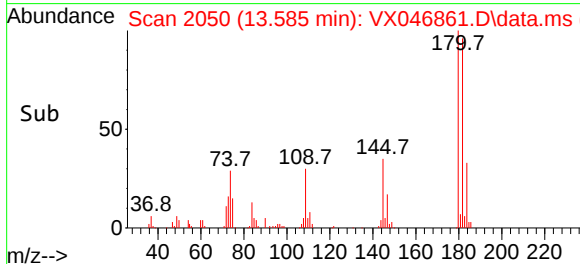
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



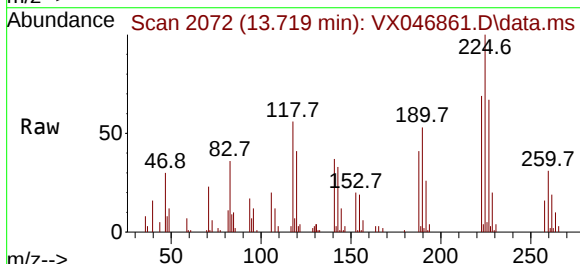
Tgt Ion:180 Resp: 31558
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 32.5 16.1 48.2

Manual Integrations
APPROVED

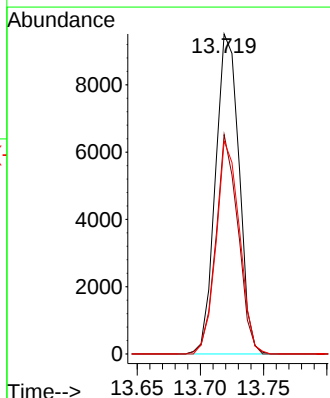
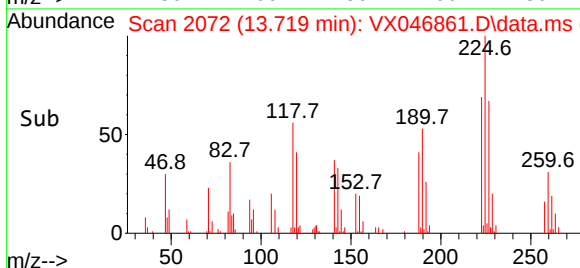
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

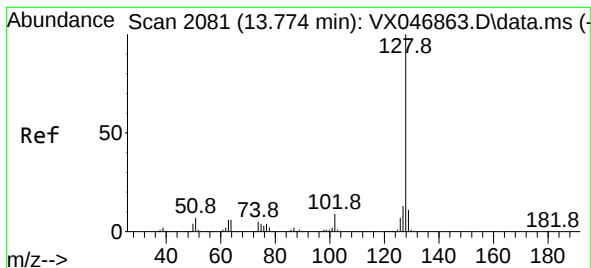


#94
Hexachlorobutadiene
Concen: 4.886 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



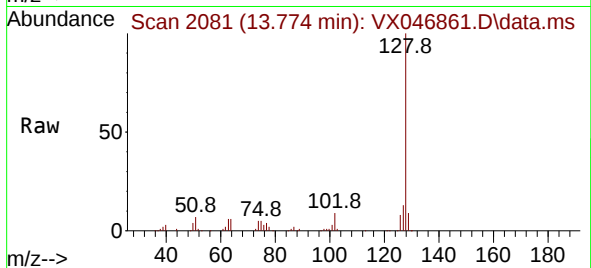
Tgt Ion:225 Resp: 12292
Ion Ratio Lower Upper
225 100
223 64.4 31.6 94.7
227 66.0 31.6 94.7





#95
Naphthalene
Concen: 4.465 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37

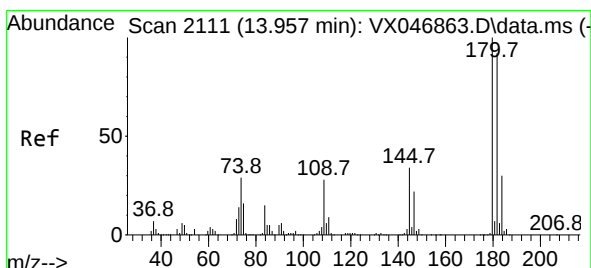
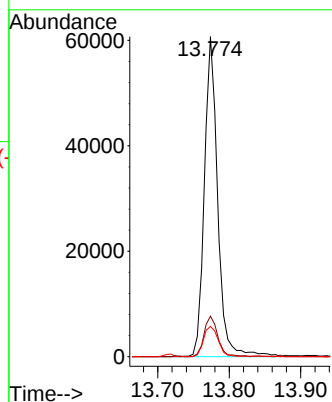
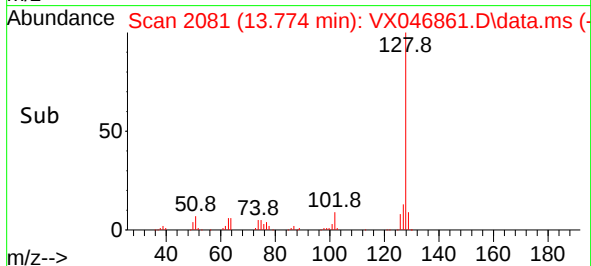
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



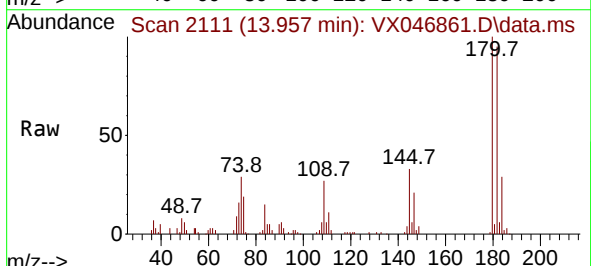
Tgt Ion:128 Resp: 7848
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.737 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046861.D
Acq: 02 Jul 2025 12:37



Tgt Ion:180 Resp: 29854
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.1
145 33.8 16.8 50.3

