

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046046.D
 Acq On : 05 May 2025 16:04
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 06 06:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	96964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	168484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	9067	3.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	6.280%#		
35) Dibromofluoromethane	5.373	113	5969	3.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	6.320%#		
50) Toluene-d8	8.647	98	20566	3.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.460%#		
62) 4-Bromofluorobenzene	11.079	95	7822	3.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	6.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6195	2.894	ug/l	95
3) Chloromethane	1.307	50	6587	3.125	ug/l	99
4) Vinyl Chloride	1.374	62	5999	3.249	ug/l	96
5) Bromomethane	1.593	94	2962	3.164	ug/l	88
6) Chloroethane	1.666	64	3567	3.750	ug/l	94
7) Trichlorofluoromethane	1.874	101	9599	3.413	ug/l	88
8) Diethyl Ether	2.130	74	3020	3.266	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	5911	3.517	ug/l	99
10) Methyl Iodide	2.441	142	5900	2.990	ug/l	99
11) Tert butyl alcohol	2.965	59	5539	16.111	ug/l	98
12) 1,1-Dichloroethene	2.306	96	5496	3.359	ug/l	97
13) Acrolein	2.233	56	5673	14.206	ug/l	95
14) Allyl chloride	2.654	41	10262	3.319	ug/l	98
15) Acrylonitrile	3.062	53	16746	16.282	ug/l	97
16) Acetone	2.380	43	19773	20.036	ug/l	98
17) Carbon Disulfide	2.501	76	11068	2.919	ug/l	96
18) Methyl Acetate	2.703	43	7909	3.357	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	18497	3.241	ug/l	97
20) Methylene Chloride	2.782	84	6680	3.341	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	5402	3.234	ug/l	100
22) Diisopropyl ether	3.751	45	18657	3.230	ug/l #	65
23) Vinyl Acetate	3.715	43	82328	16.127	ug/l	99
24) 1,1-Dichloroethane	3.605	63	11193	3.297	ug/l	99
25) 2-Butanone	4.562	43	26125	18.340	ug/l	98
26) 2,2-Dichloropropane	4.465	77	8245	3.205	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	6222	3.089	ug/l	95
28) Bromochloromethane	4.891	49	5360	2.969	ug/l #	100
29) Tetrahydrofuran	5.001	42	15431	16.680	ug/l	98
30) Chloroform	5.080	83	11624	3.294	ug/l	89
31) Cyclohexane	5.458	56	10269	3.588	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	9827	3.229	ug/l	97
36) 1,1-Dichloropropene	5.678	75	7787	3.551	ug/l	98
37) Ethyl Acetate	4.721	43	9806m	3.565	ug/l	
38) Carbon Tetrachloride	5.659	117	8505	3.376	ug/l	97
39) Methylcyclohexane	7.373	83	9882	3.597	ug/l	93
40) Benzene	6.031	78	22528	3.315	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	4851	3.174	ug/l #	65
42) 1,2-Dichloroethane	6.080	62	10011	3.563	ug/l	100
43) Isopropyl Acetate	6.348	43	13914	3.309	ug/l	96
44) Trichloroethene	7.123	130	5313	3.307	ug/l	94
45) 1,2-Dichloropropane	7.427	63	5451	3.228	ug/l #	89
46) Dibromomethane	7.580	93	4417	3.318	ug/l	98
47) Bromodichloromethane	7.818	83	8394	3.254	ug/l	98
48) Methyl methacrylate	7.696	41	7171	3.321	ug/l	97
49) 1,4-Dioxane	7.659	88	2907	67.721	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	46794	16.967	ug/l	98
52) Toluene	8.714	92	14126	3.505	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	6834	3.155	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	7908	3.129	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	5685	3.490	ug/l	98
56) Ethyl methacrylate	9.116	69	8555	3.390	ug/l	98
57) 1,3-Dichloropropane	9.305	76	10127	3.508	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.238	63	20809	18.346	ug/l	99
59) 2-Hexanone	9.427	43	34853	16.651	ug/l	97
60) Dibromochloromethane	9.518	129	5500	3.102	ug/l	98
61) 1,2-Dibromoethane	9.604	107	5614	3.356	ug/l	99
64) Tetrachloroethene	9.269	164	4752	3.162	ug/l	96
65) Chlorobenzene	10.079	112	15391	3.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	5024	3.326	ug/l	99
67) Ethyl Benzene	10.195	91	26732	3.463	ug/l	99
68) m/p-Xylenes	10.299	106	19957	7.156	ug/l	98
69) o-Xylene	10.640	106	9398	3.343	ug/l	95
70) Styrene	10.652	104	14900	3.312	ug/l	99
71) Bromoform	10.799	173	3470	3.059	ug/l #	99
73) Isopropylbenzene	10.957	105	24201	3.266	ug/l	98
74) N-amyl acetate	10.841	43	11224	3.038	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	9170	3.479	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	7928m	2.799	ug/l	
77) Bromobenzene	11.195	156	5857	3.417	ug/l	96
78) n-propylbenzene	11.299	91	28436	3.424	ug/l	100
79) 2-Chlorotoluene	11.360	91	18672	3.336	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	20742	3.372	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1828	2.686	ug/l	99
82) 4-Chlorotoluene	11.451	91	19966	3.245	ug/l	98
83) tert-Butylbenzene	11.713	119	21049	3.484	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	20613	3.355	ug/l	97
85) sec-Butylbenzene	11.890	105	25590	3.412	ug/l	99
86) p-Isopropyltoluene	12.006	119	20955	3.460	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	10585	3.315	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	10908	3.486	ug/l	90
89) n-Butylbenzene	12.329	91	18004	3.419	ug/l	94
90) Hexachloroethane	12.536	117	3553	3.153	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	10712	3.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1687	2.812	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	5720	3.359	ug/l	96
94) Hexachlorobutadiene	13.719	225	2816	3.535	ug/l	96
95) Naphthalene	13.774	128	19902	3.209	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	5745	3.217	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

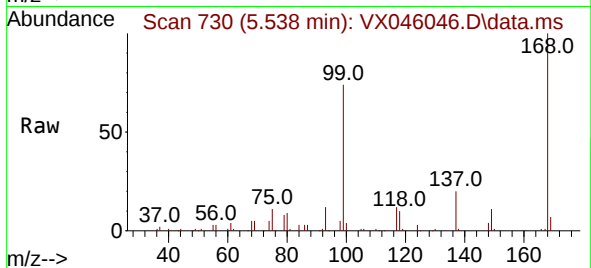
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

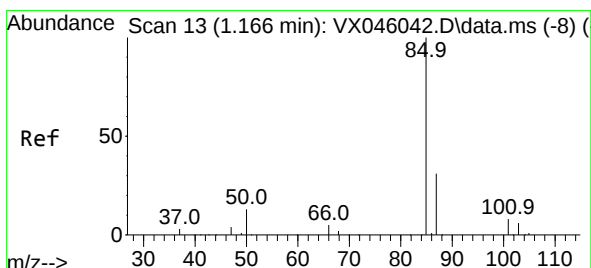
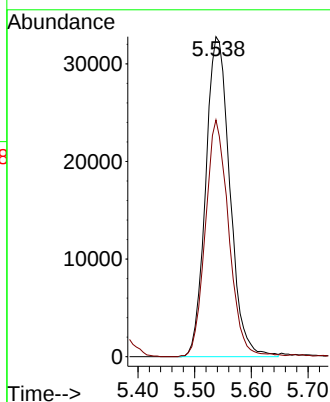
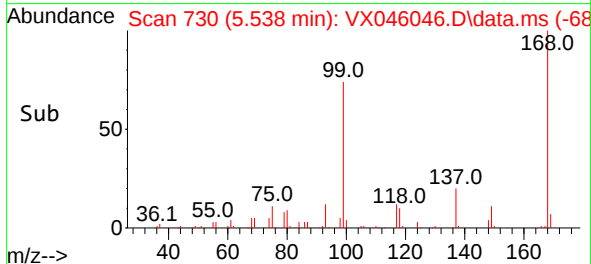
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 9696
Ion Ratio Lower Upper
168 100
99 74.0 54.9 82.3

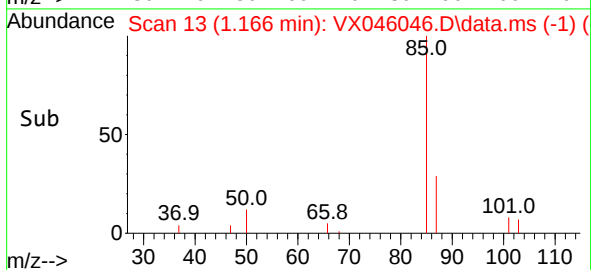
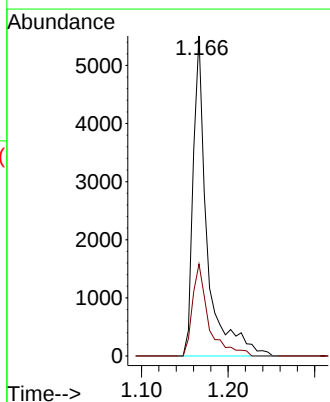
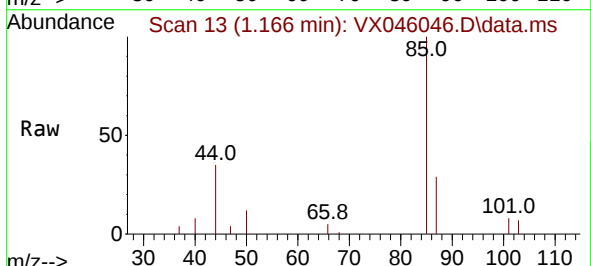
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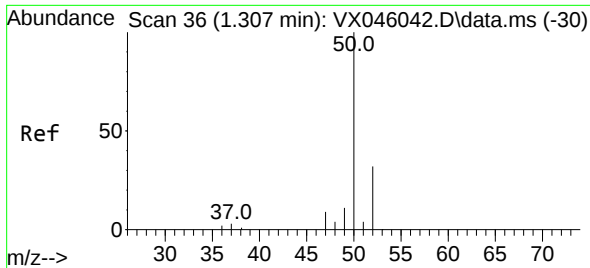
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 2.894 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

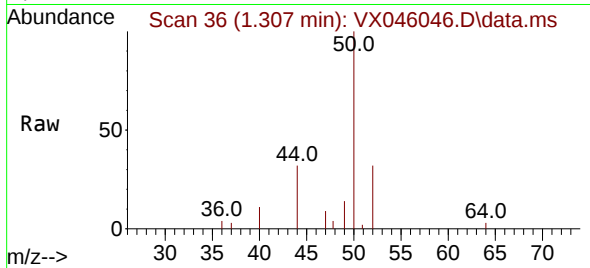
Tgt Ion: 85 Resp: 6195
Ion Ratio Lower Upper
85 100
87 28.7 15.7 47.1





#3
Chloromethane
Concen: 3.125 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

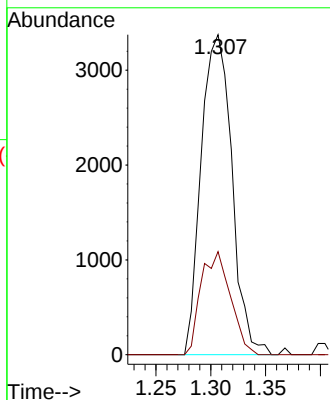
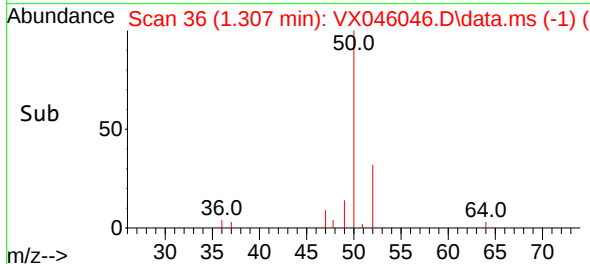
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

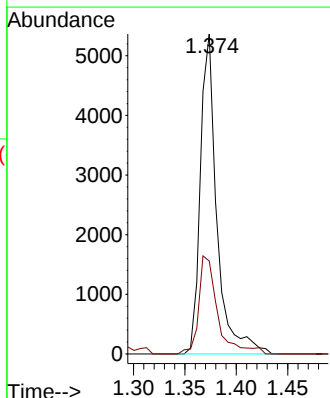
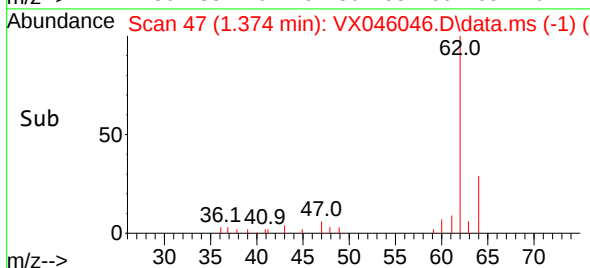
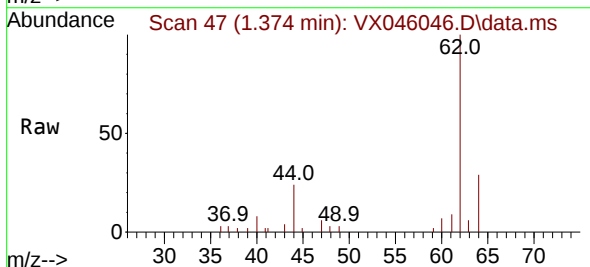
Manual Integrations
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#4
Vinyl Chloride
Concen: 3.249 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

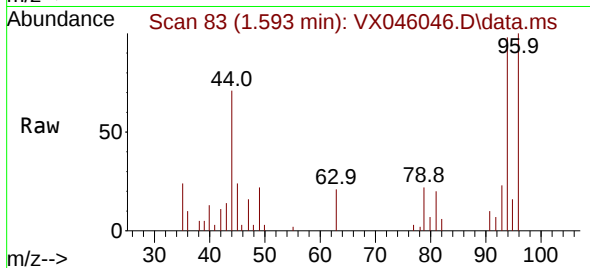
Tgt Ion: 62 Resp: 5999
Ion Ratio Lower Upper
62 100
64 29.1 25.2 37.8





#5
Bromomethane
Concen: 3.164 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

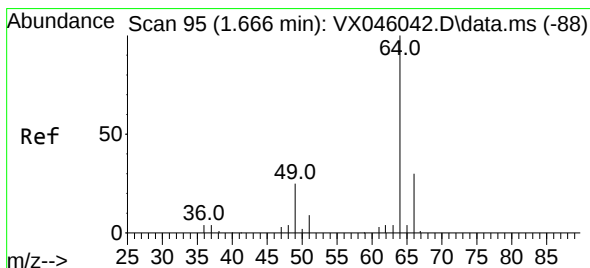
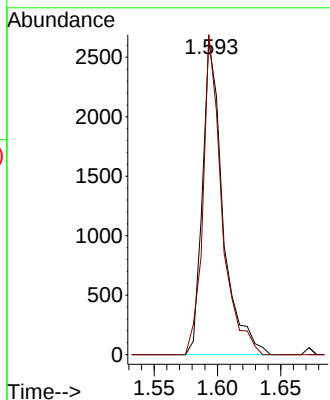
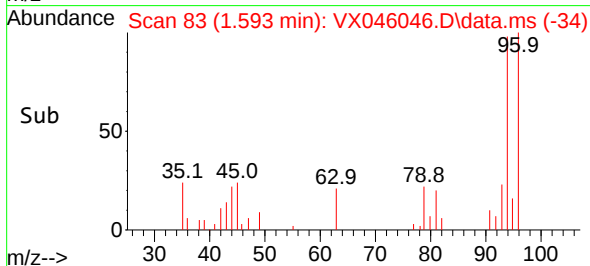
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2962
Ion Ratio Lower Upper
94 100
96 102.2 72.8 109.2

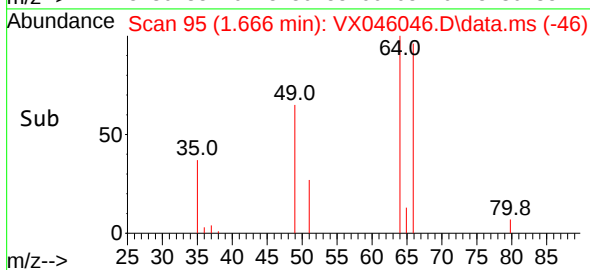
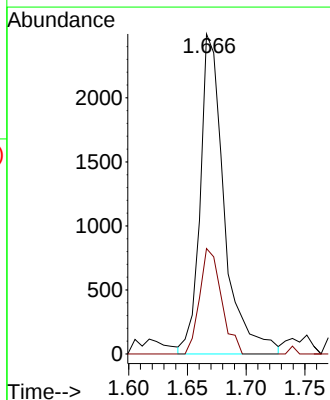
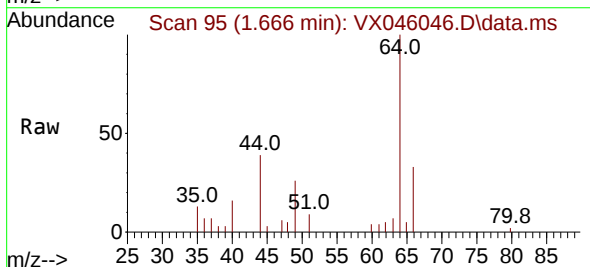
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#6
Chloroethane
Concen: 3.750 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 64 Resp: 3567
Ion Ratio Lower Upper
64 100
66 33.7 24.3 36.5





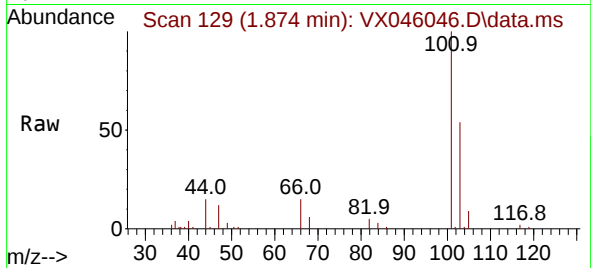
#7
Trichlorofluoromethane
Concen: 3.413 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



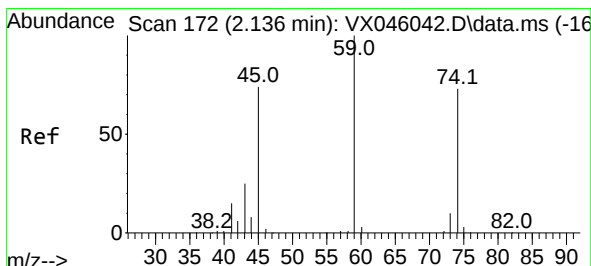
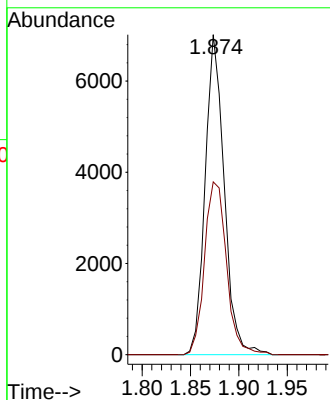
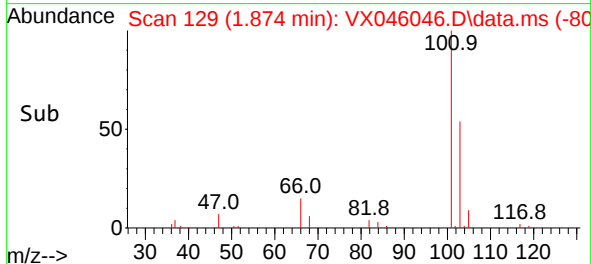
Tgt Ion:101 Resp: 959
Ion Ratio Lower Upper
101 100
103 54.0 51.0 76.4

Manual Integrations

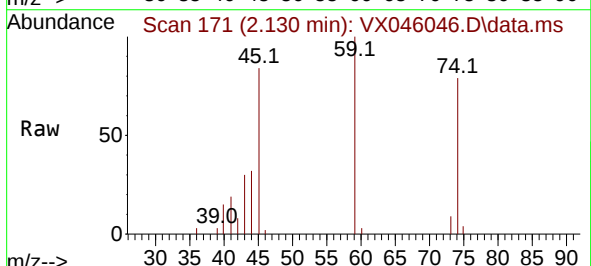
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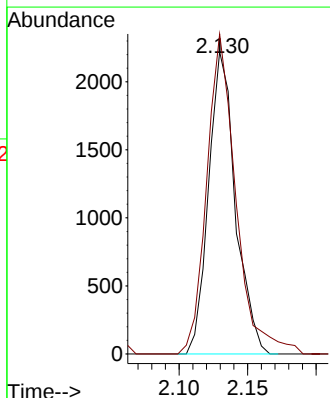
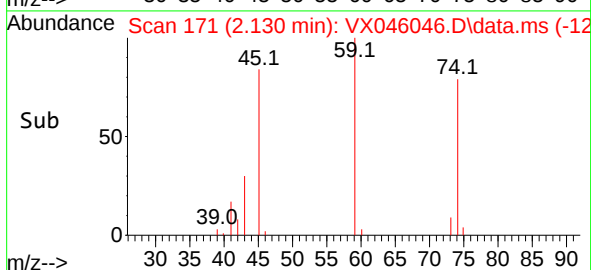
Supervised By :Mahesh Dadoda 05/06/2025



#8
Diethyl Ether
Concen: 3.266 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 74 Resp: 3020
Ion Ratio Lower Upper
74 100
45 115.1 54.9 164.8





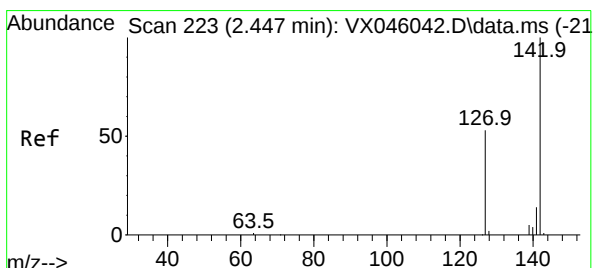
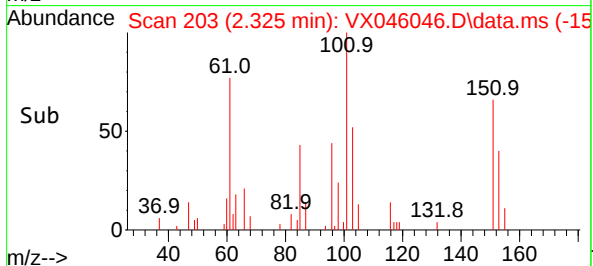
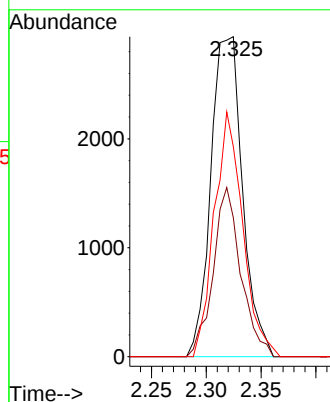
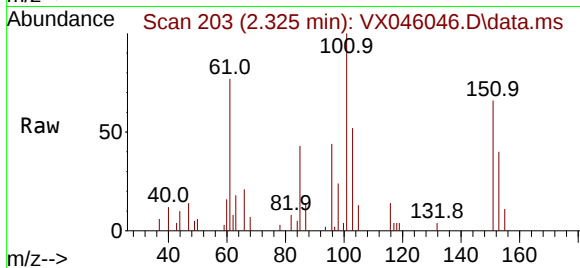
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.517 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 591
Ion Ratio Lower Upper
101 100
85 46.3 38.6 58.0
151 68.8 55.2 82.8

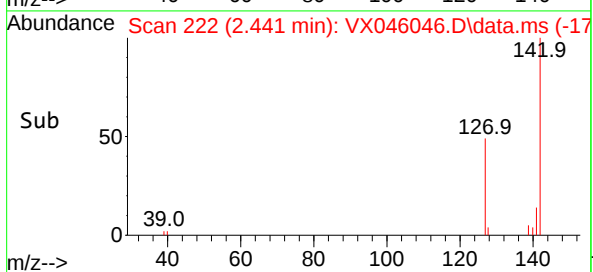
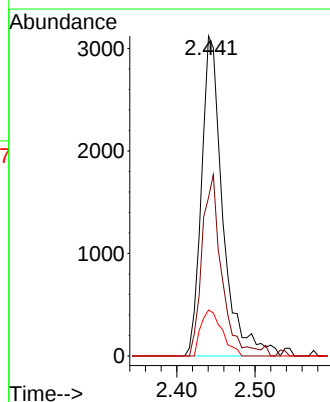
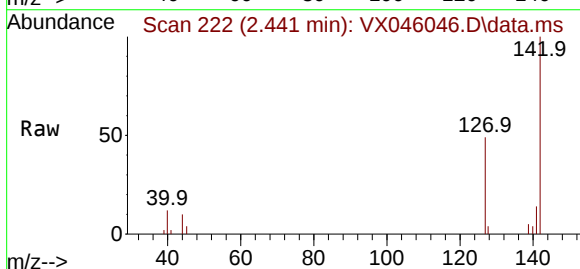
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#10
Methyl Iodide
Concen: 2.990 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:142 Resp: 5900
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 14.3 11.5 17.3





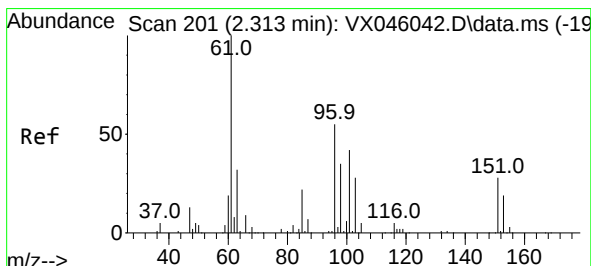
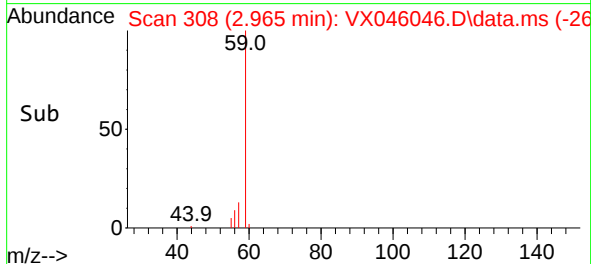
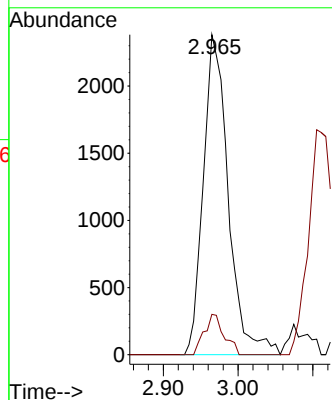
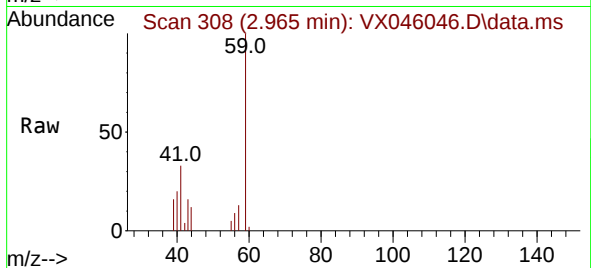
#11
Tert butyl alcohol
Concen: 16.111 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 553
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

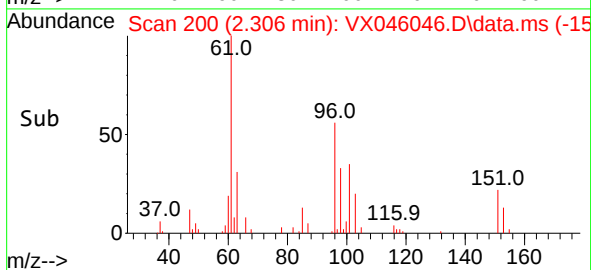
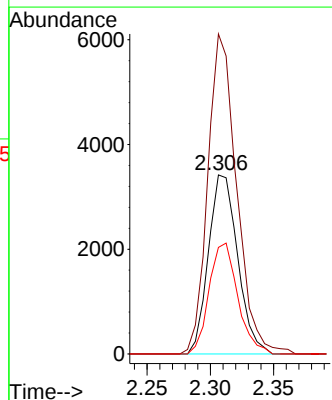
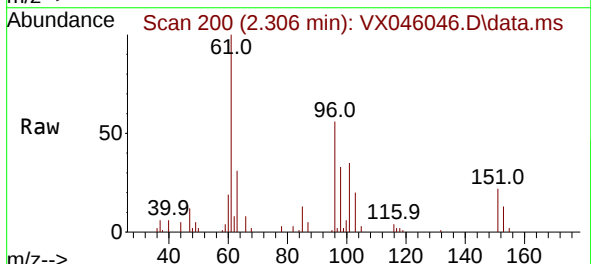
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#12
1,1-Dichloroethene
Concen: 3.359 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 96 Resp: 5496
Ion Ratio Lower Upper
96 100
61 178.7 146.2 219.2
98 59.5 51.0 76.6





#13

Acrolein

Concen: 14.206 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 567

Ion Ratio Lower Upper

56 100

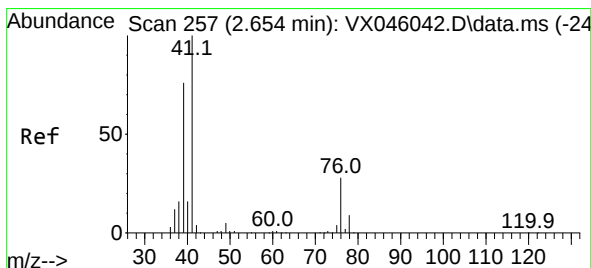
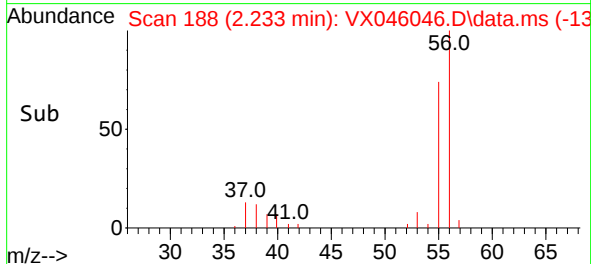
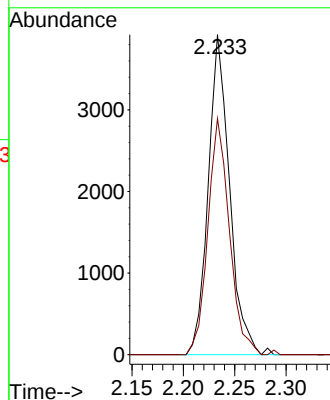
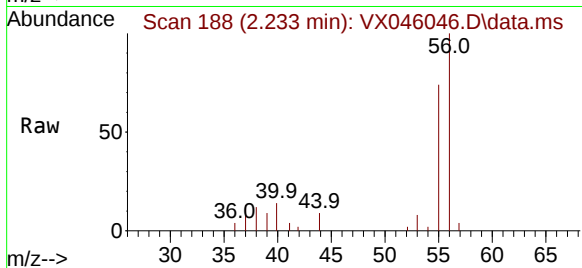
55 74.5 56.2 84.4

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#14

Allyl chloride

Concen: 3.319 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

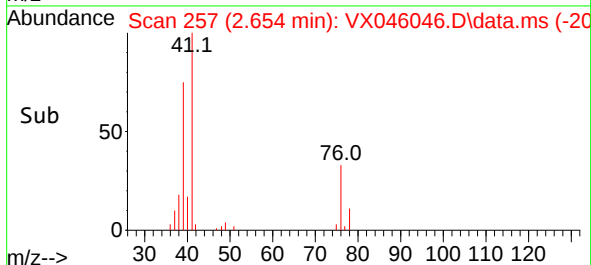
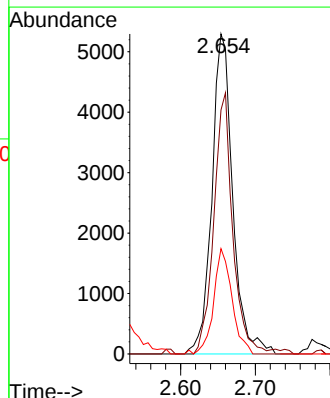
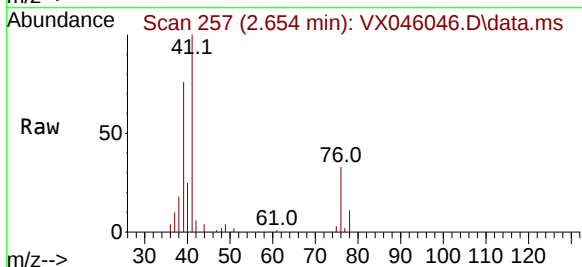
Tgt Ion: 41 Resp: 10262

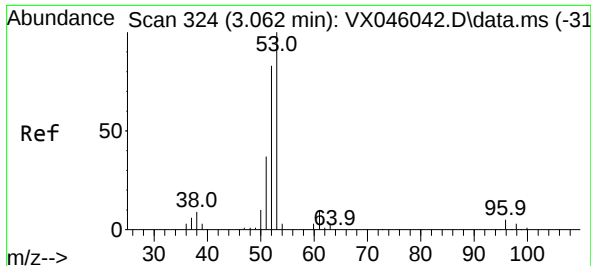
Ion Ratio Lower Upper

41 100

39 74.1 60.6 90.8

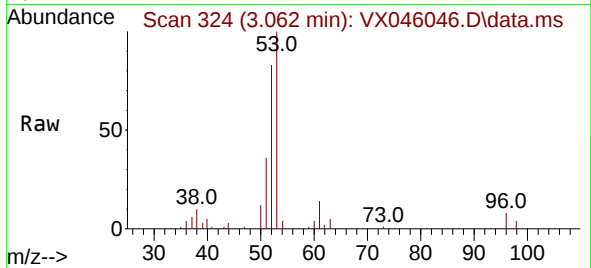
76 29.1 24.9 37.3





#15
Acrylonitrile
Concen: 16.282 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

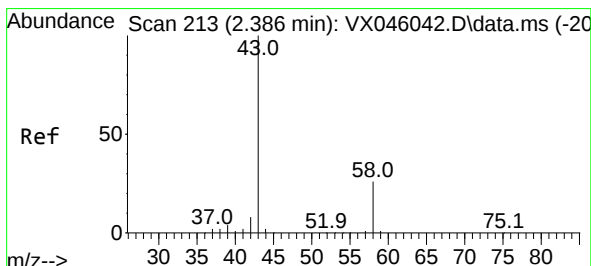
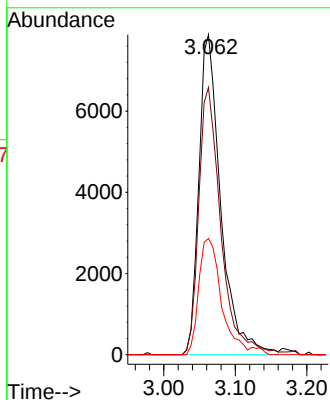
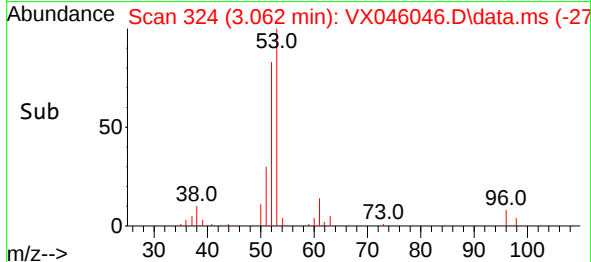
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



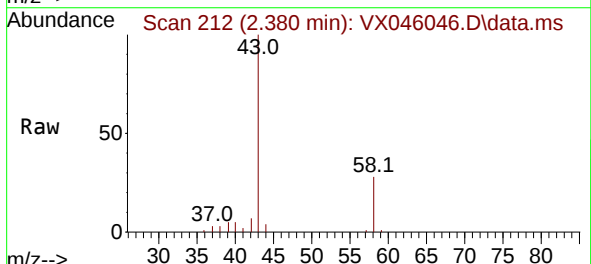
Tgt Ion: 53 Resp: 16740
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 38.5 29.8 44.8

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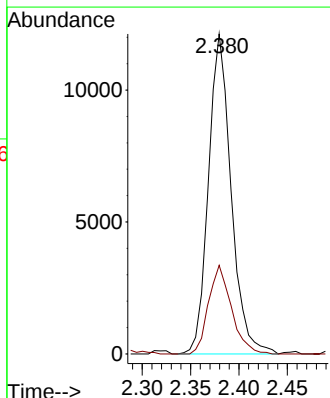
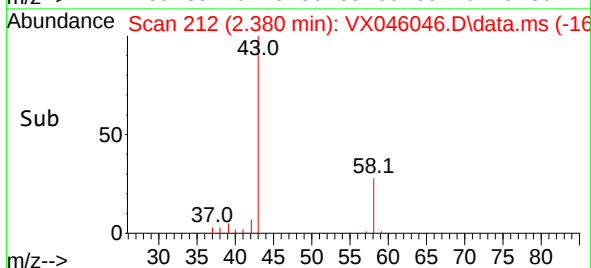
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

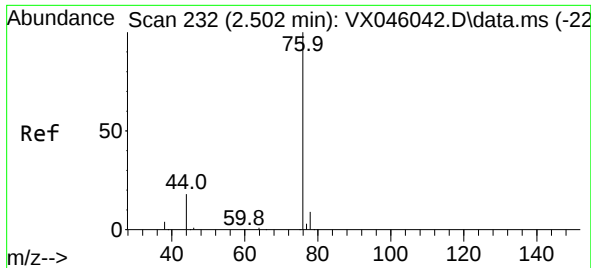


#16
Acetone
Concen: 20.036 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 43 Resp: 19773
Ion Ratio Lower Upper
43 100
58 27.7 21.2 31.8





#17

Carbon Disulfide

Concen: 2.919 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1106

Ion Ratio Lower Upper

76 100

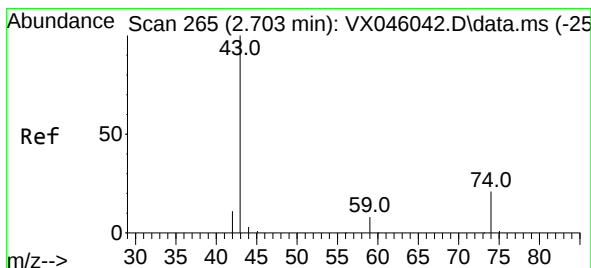
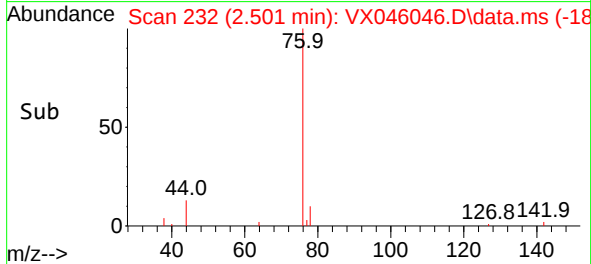
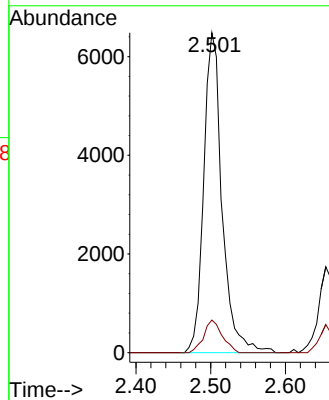
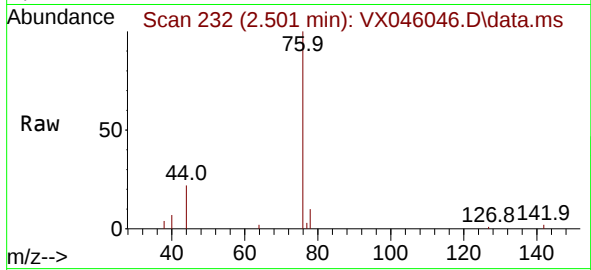
78 10.2 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#18

Methyl Acetate

Concen: 3.357 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046046.D

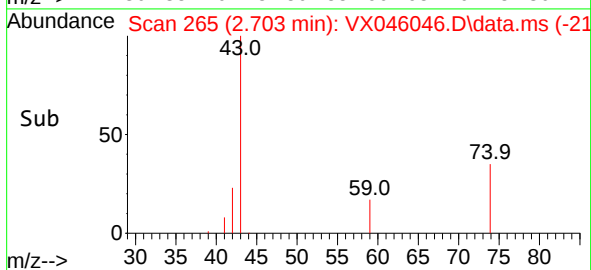
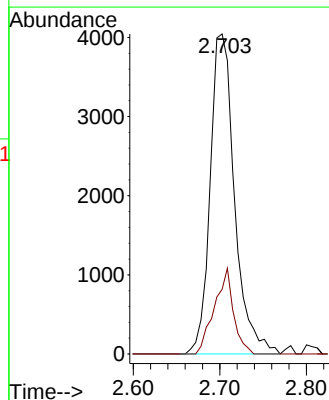
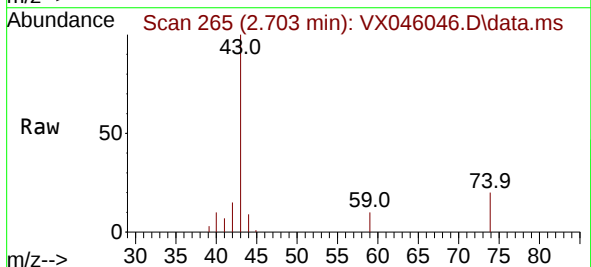
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 7909

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1





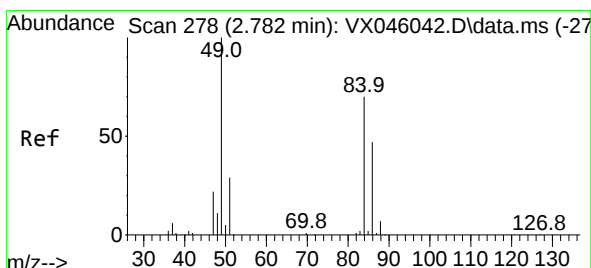
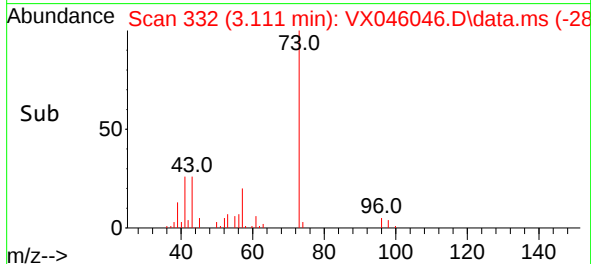
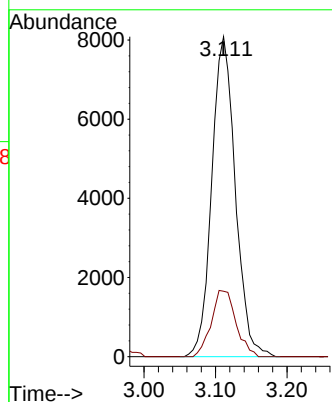
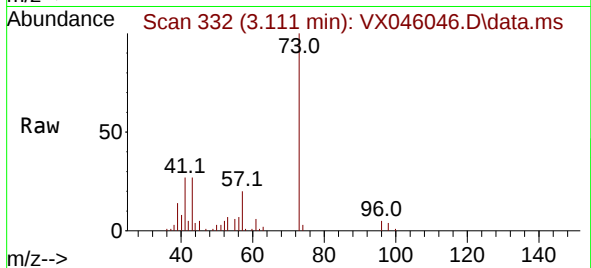
#19
Methyl tert-butyl Ether
Concen: 3.241 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1849
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

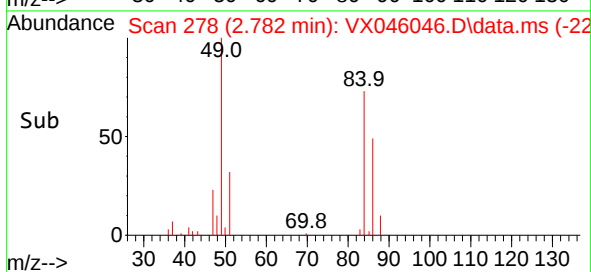
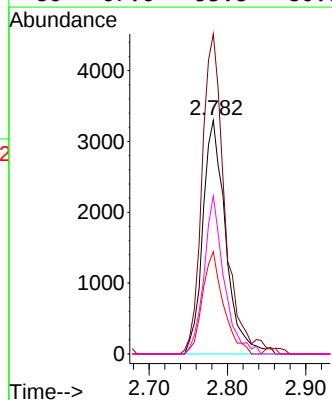
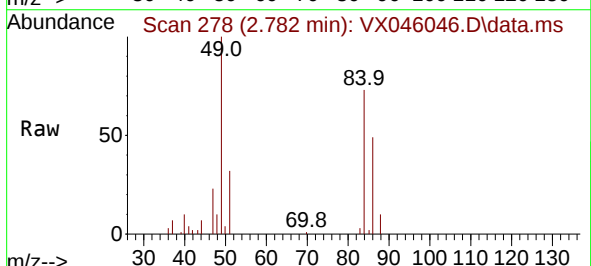
Manual Integrations
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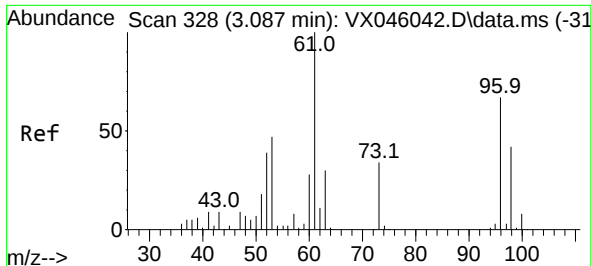
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 3.341 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

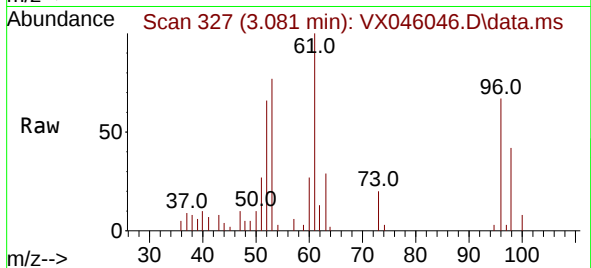
Tgt Ion: 84 Resp: 6680
Ion Ratio Lower Upper
84 100
49 137.0 113.9 170.9
51 43.8 33.5 50.3
86 67.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 3.234 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

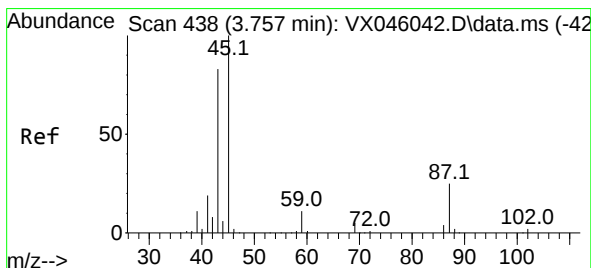
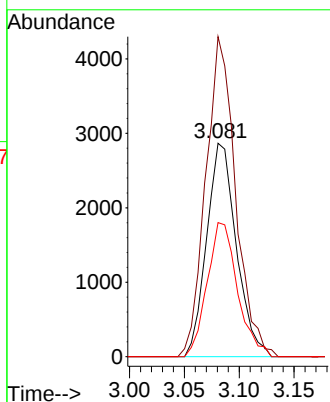
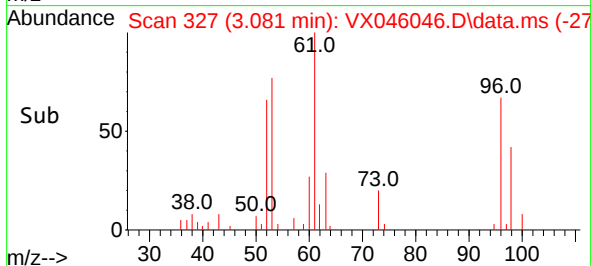
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 540
Ion Ratio Lower Upper
96 100
61 149.9 119.5 179.3
98 62.9 50.0 75.0

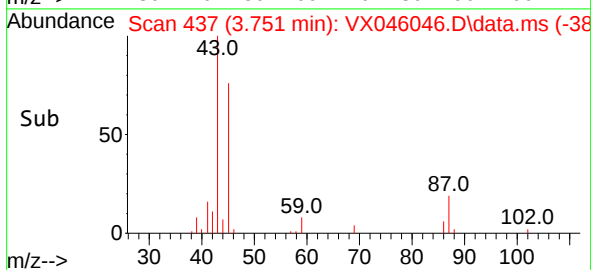
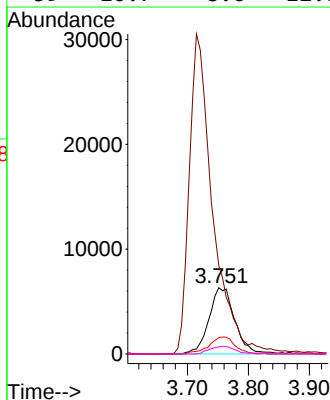
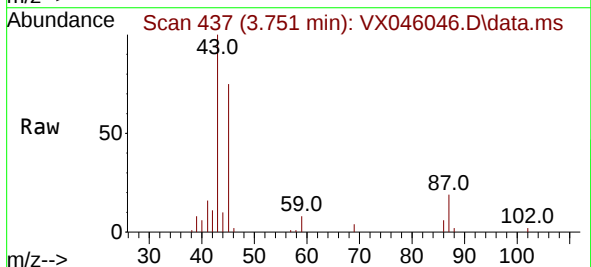
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#22
Diisopropyl ether
Concen: 3.230 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 45 Resp: 18657
Ion Ratio Lower Upper
45 100
43 128.0 66.6 100.0#
87 24.7 19.8 29.6
59 10.7 8.6 12.8





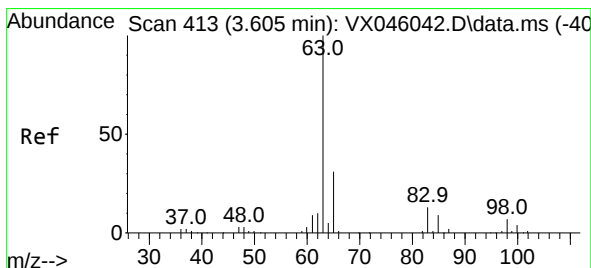
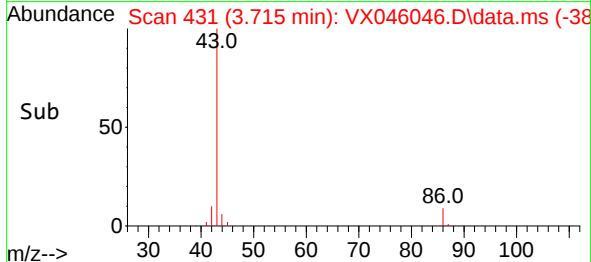
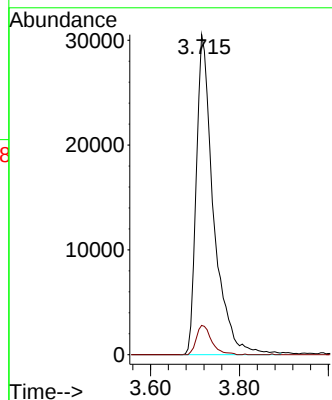
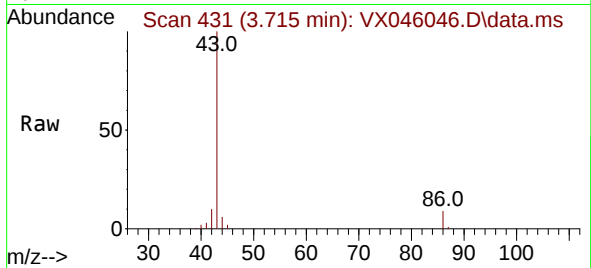
#23
 Vinyl Acetate
 Concen: 16.127 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 82328
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

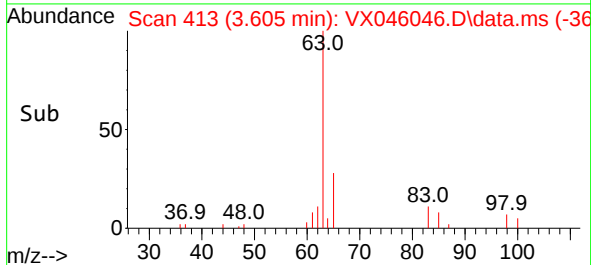
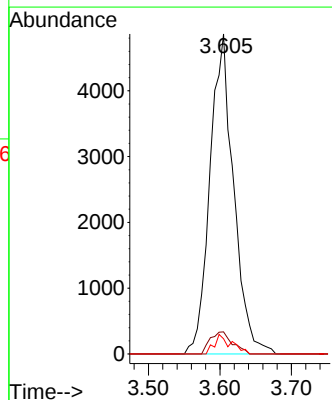
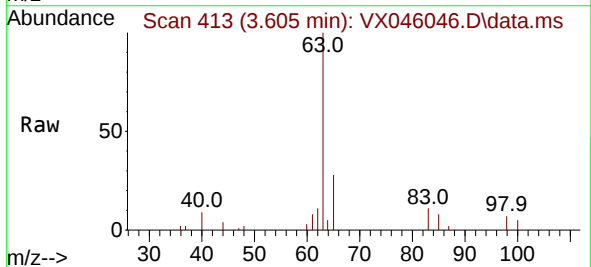
Manual Integrations
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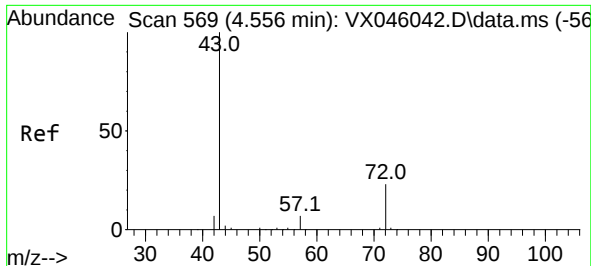
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 3.297 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 11193
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.7 2.1 6.3





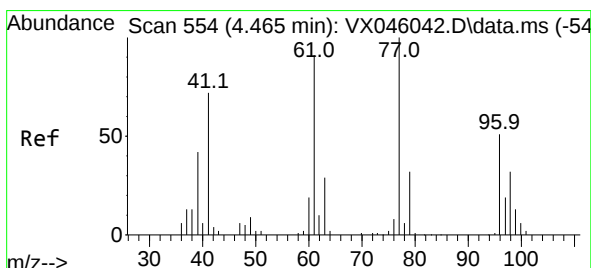
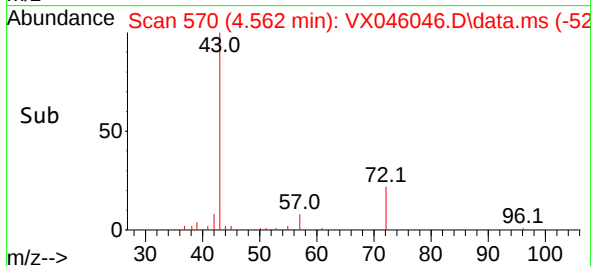
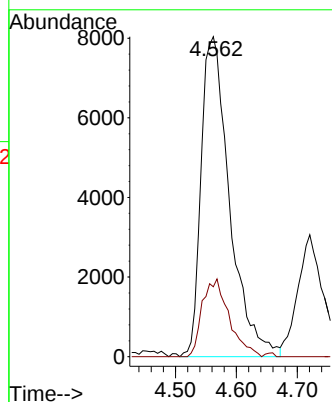
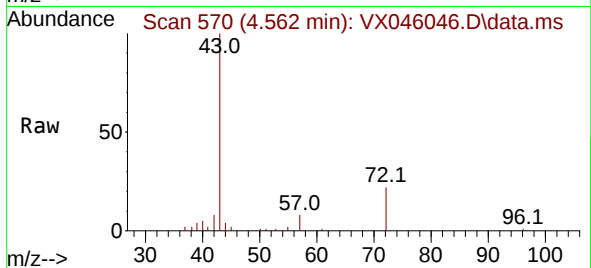
#25
2-Butanone
Concen: 18.340 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2612
Ion Ratio Lower Upper
43 100
72 21.8 18.4 27.6

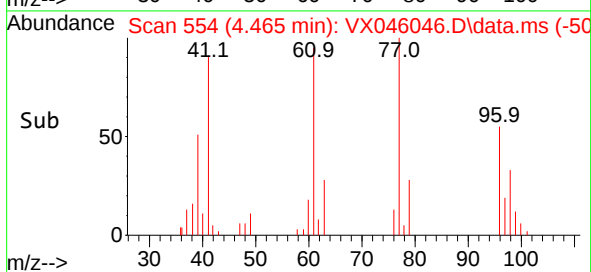
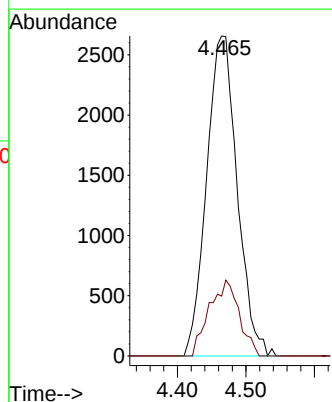
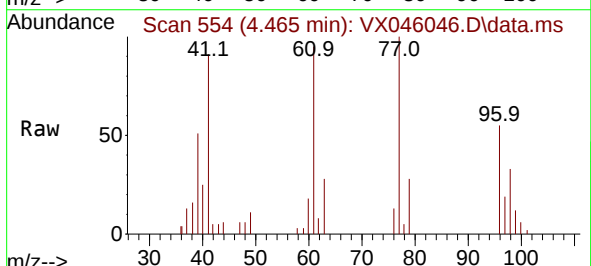
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 3.205 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 77 Resp: 8245
Ion Ratio Lower Upper
77 100
97 23.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 3.089 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 622

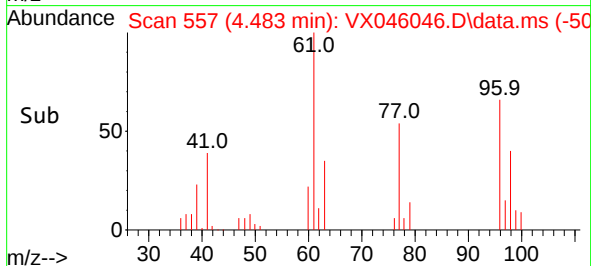
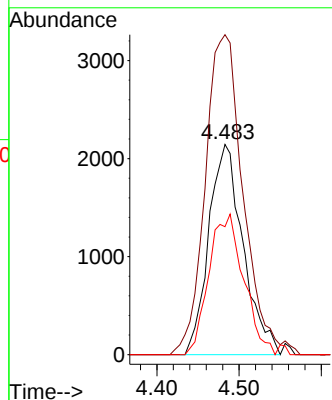
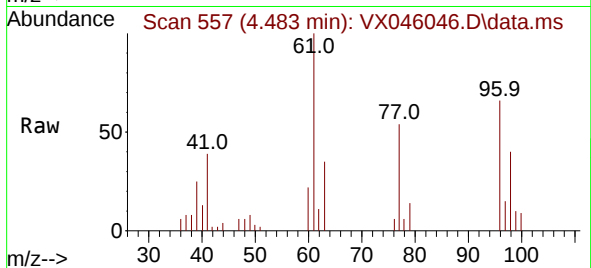
Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	322.8
98	67.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#28

Bromochloromethane

Concen: 2.969 ug/l

RT: 4.891 min Scan# 624

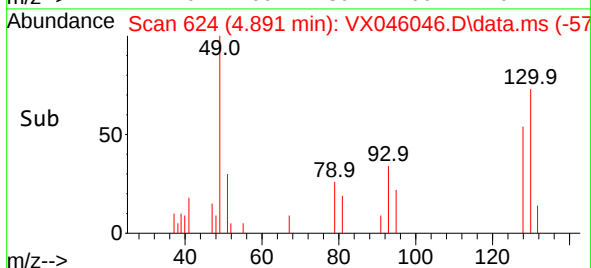
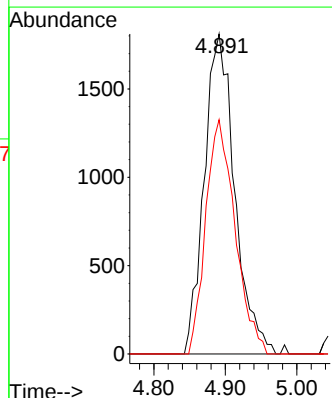
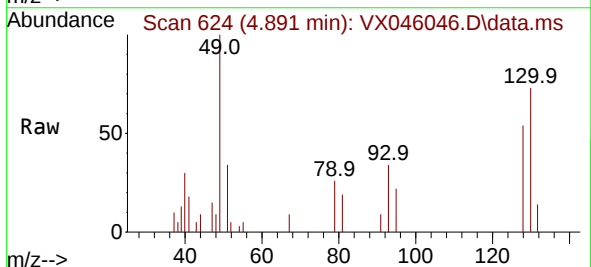
Delta R.T. -0.006 min

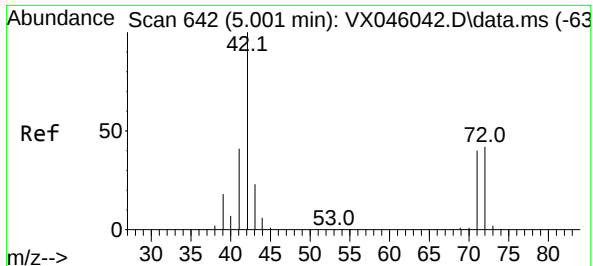
Lab File: VX046046.D

Acq: 05 May 2025 16:04

Tgt Ion: 49 Resp: 5360

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	70.5	56.2	84.2





#29

Tetrahydrofuran

Concen: 16.680 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

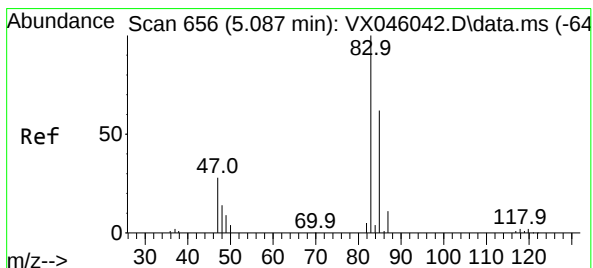
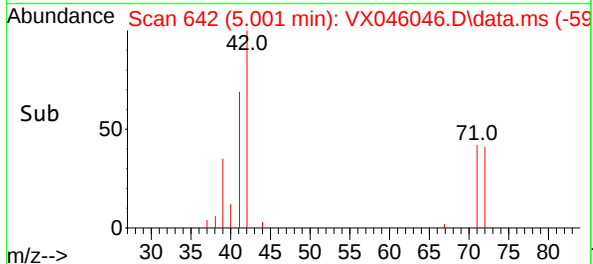
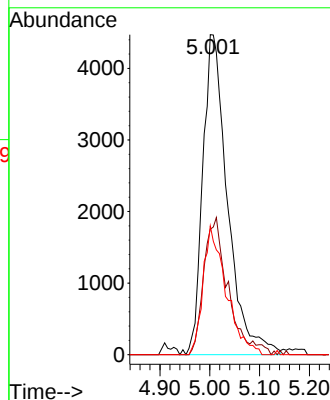
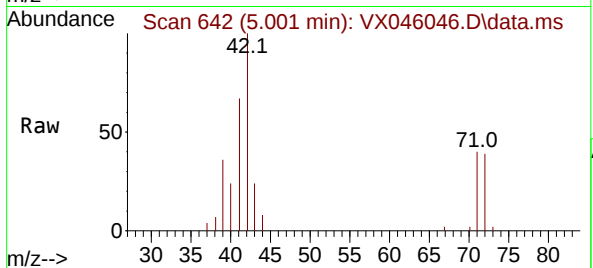
Tgt Ion:	42	Resp:	1543
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.7	50.5
71	37.4	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 3.294 ug/l

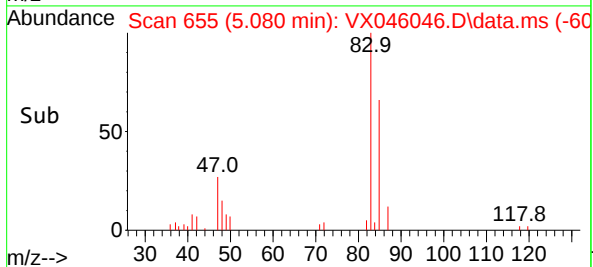
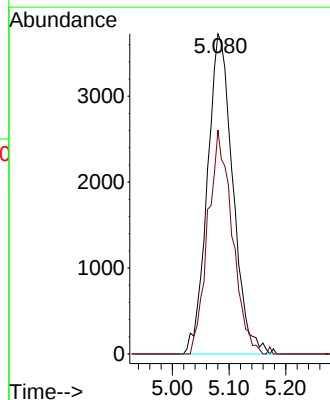
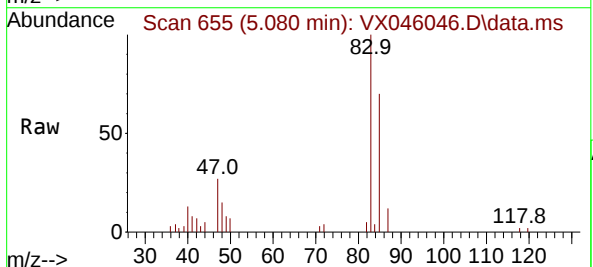
RT: 5.080 min Scan# 655

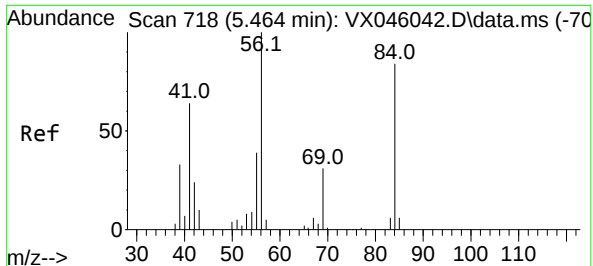
Delta R.T. -0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

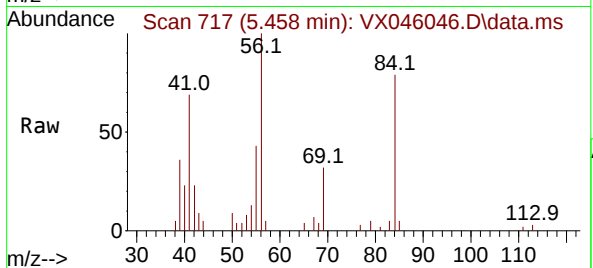
Tgt Ion:	83	Resp:	11624
Ion	Ratio	Lower	Upper
83	100		
85	69.9	49.3	73.9





#31
Cyclohexane
Concen: 3.588 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

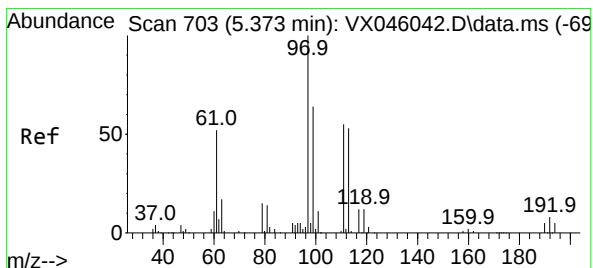
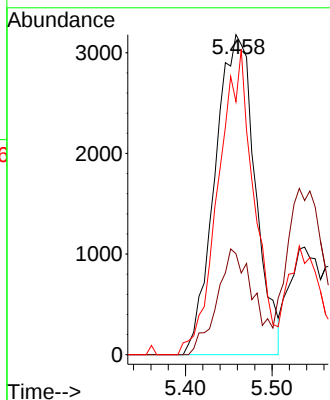
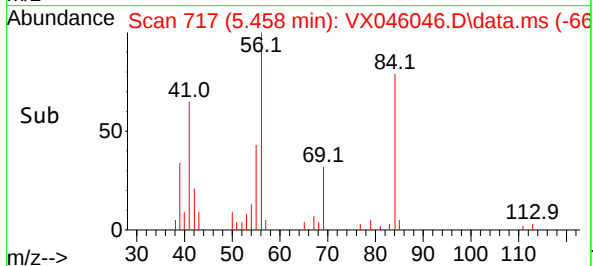
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 10269
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 79.1 66.9 100.3

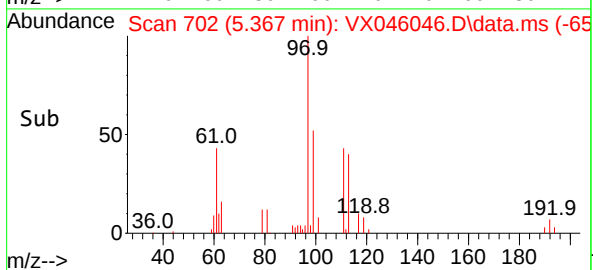
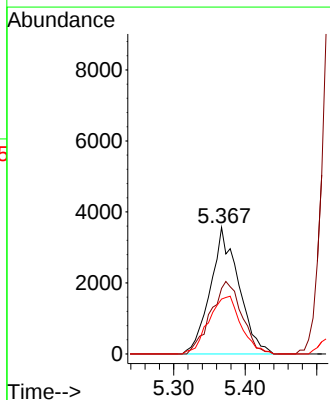
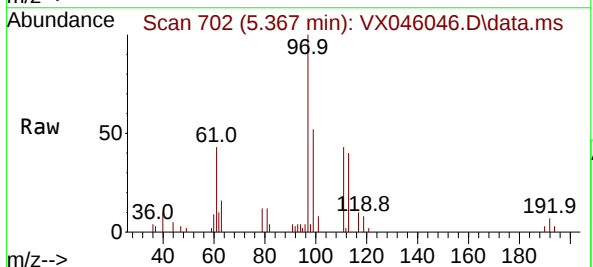
Manual Integrations
APPROVED

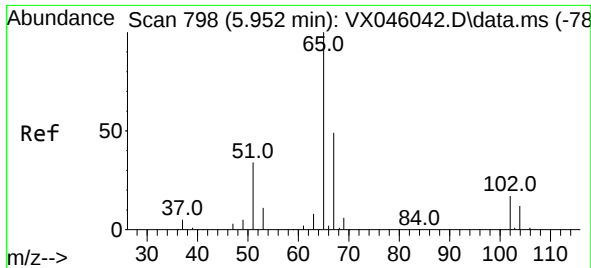
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#32
1,1,1-Trichloroethane
Concen: 3.229 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 97 Resp: 9827
Ion Ratio Lower Upper
97 100
99 62.6 51.8 77.6
61 51.8 40.1 60.1





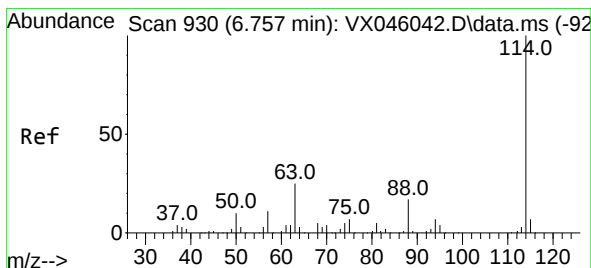
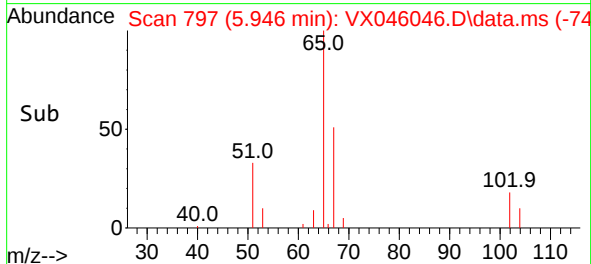
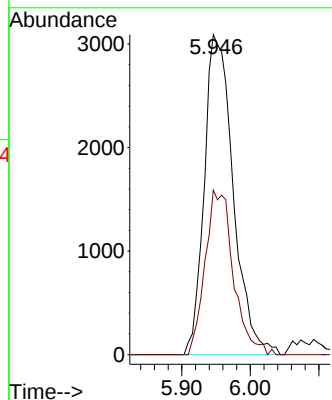
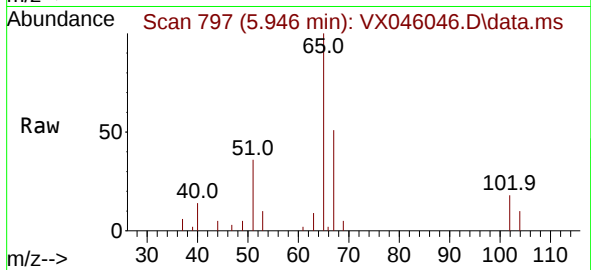
#33
1,2-Dichloroethane-d4
Concen: 3.143 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 906
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

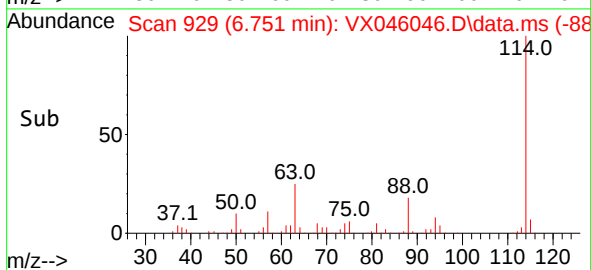
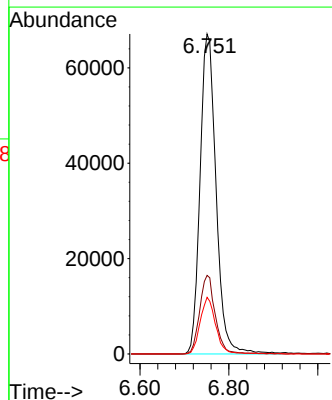
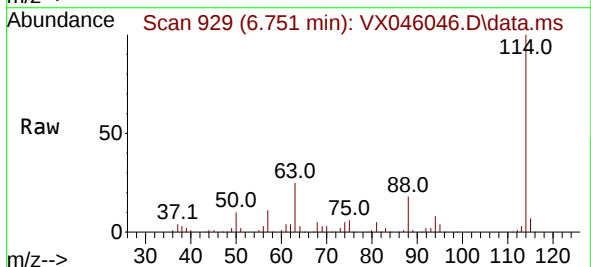
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

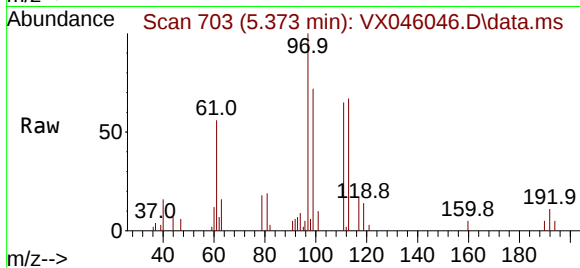
Tgt Ion:114 Resp: 168484
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 17.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 3.161 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

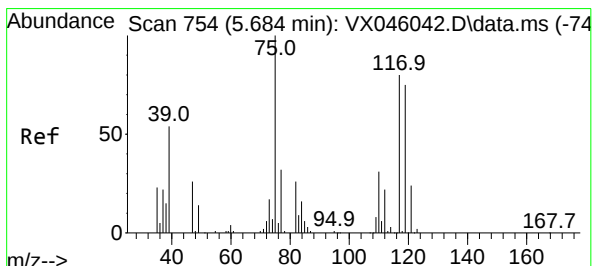
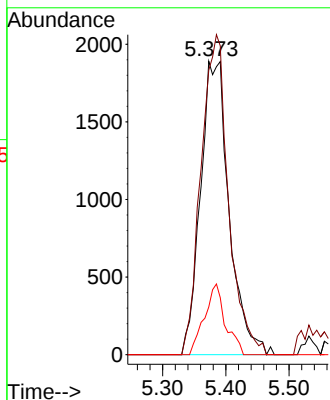
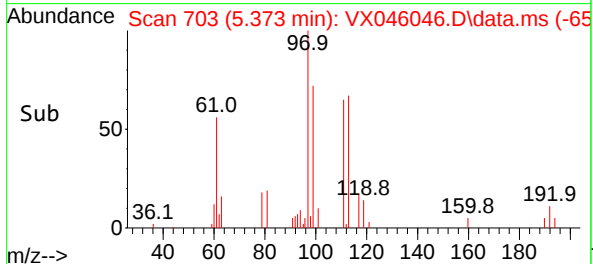
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 596
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 17.5 13.3 19.9

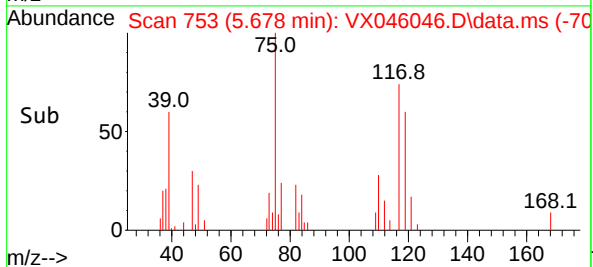
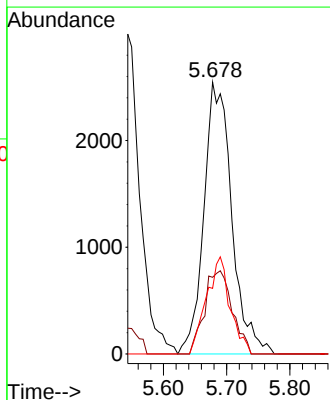
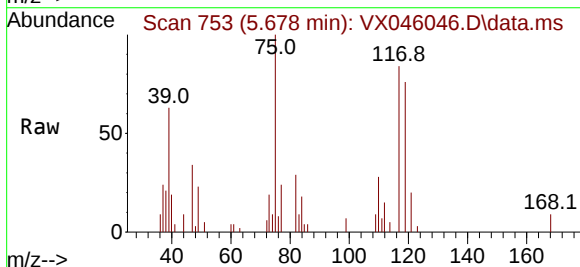
Manual Integrations
APPROVED

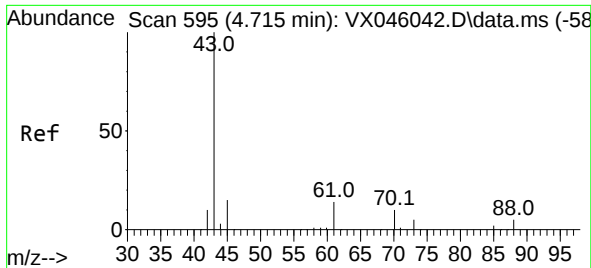
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#36
1,1-Dichloropropene
Concen: 3.551 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

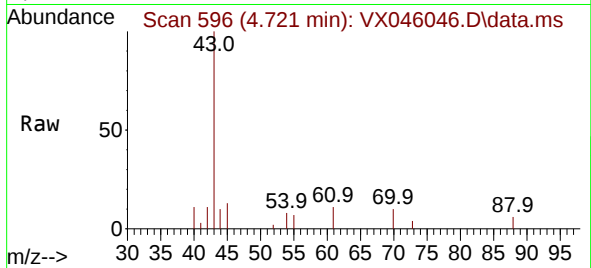
Tgt Ion: 75 Resp: 7787
Ion Ratio Lower Upper
75 100
110 30.6 16.3 48.9
77 30.5 24.3 36.5





#37
Ethyl Acetate
Concen: 3.565 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

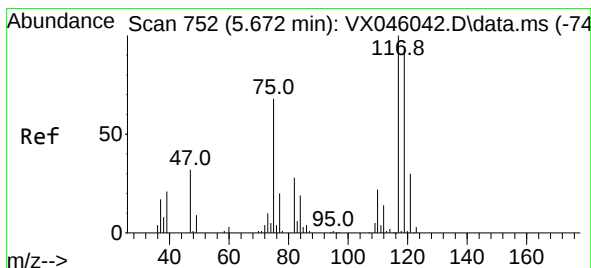
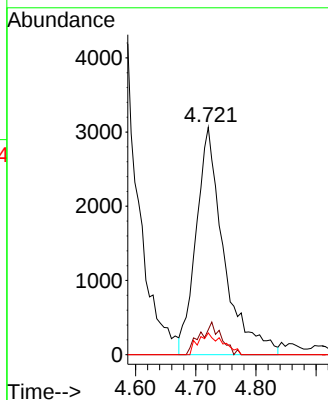
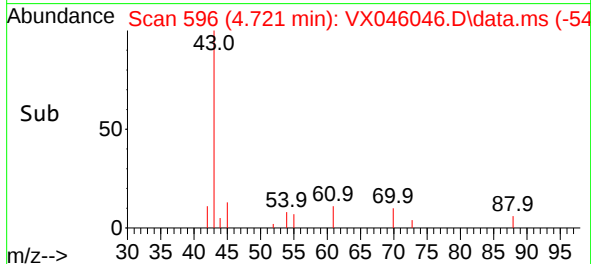
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 9800
Ion Ratio Lower Upper
43 100
61 11.0 10.3 15.5
70 8.4 7.9 11.9

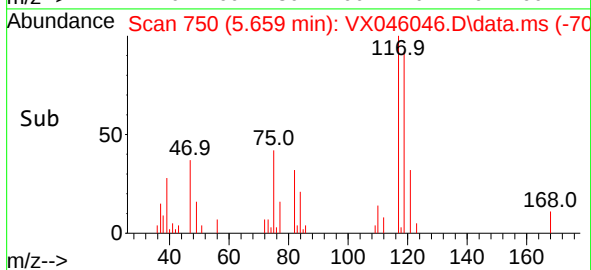
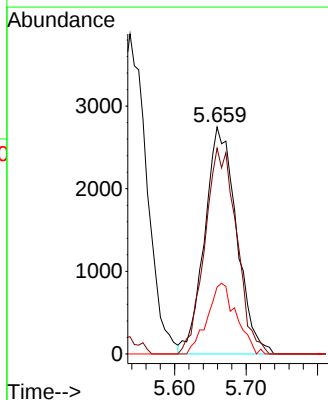
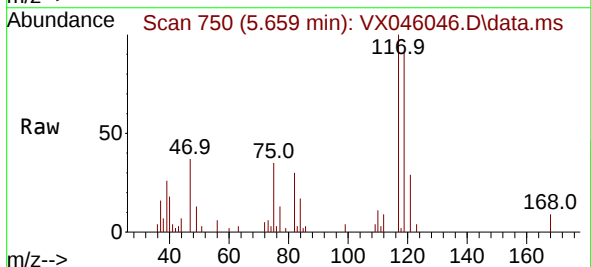
Manual Integrations
APPROVED

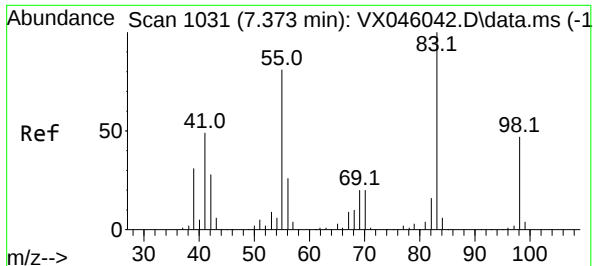
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#38
Carbon Tetrachloride
Concen: 3.376 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 8505
Ion Ratio Lower Upper
117 100
119 90.6 75.2 112.8
121 29.5 24.2 36.4





#39

Methylcyclohexane

Concen: 3.597 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

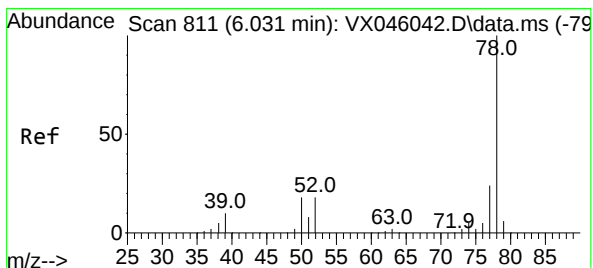
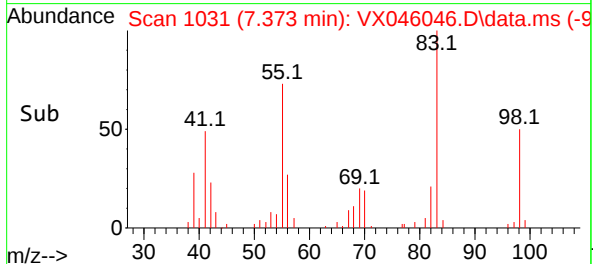
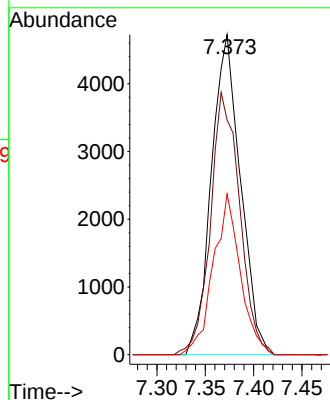
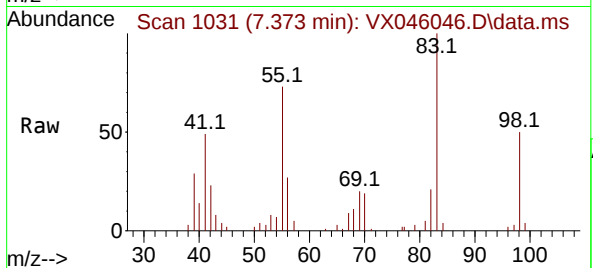
Tgt Ion: 83	Resp: 988
Ion Ratio	Lower Upper
83	100
55	73.3 64.7 97.1
98	50.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#40

Benzene

Concen: 3.315 ug/l

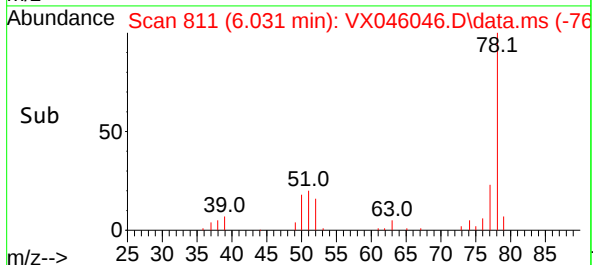
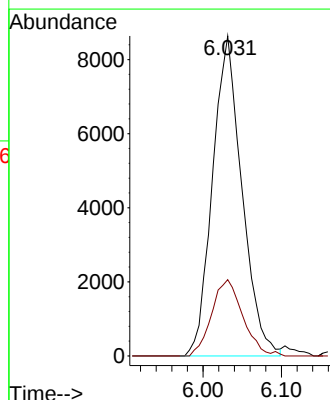
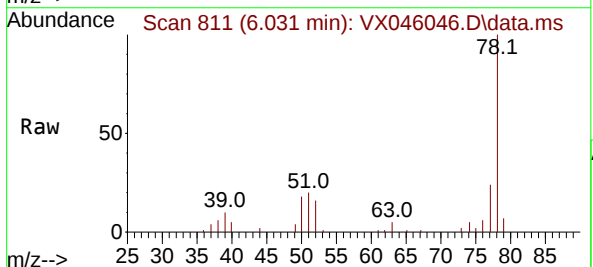
RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

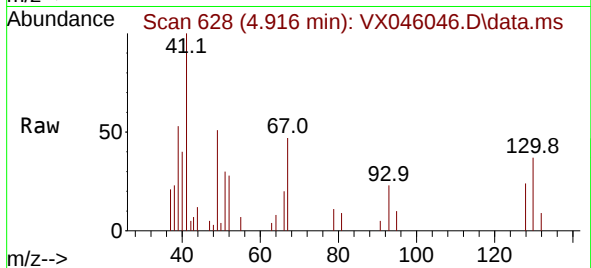
Tgt Ion: 78	Resp: 22528
Ion Ratio	Lower Upper
78	100
77	23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 3.174 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

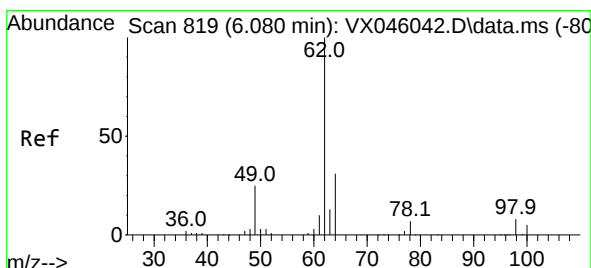
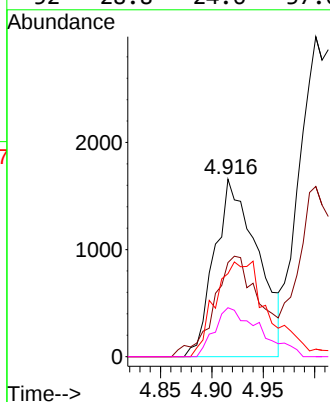
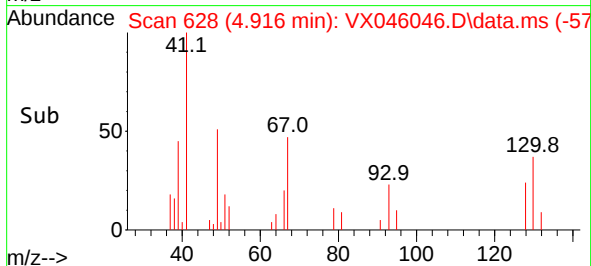
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



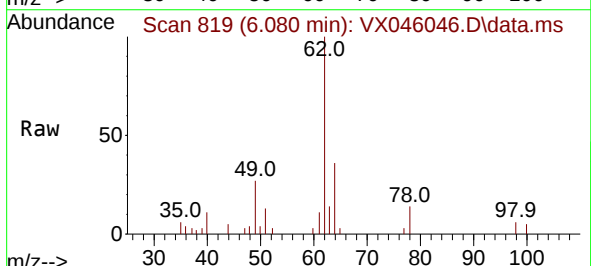
Tgt Ion: 41 Resp: 485
Ion Ratio Lower Upper
41 100
39 59.7 47.2 70.8
67 0.0 50.7 76.1
52 28.8 24.6 37.0

Manual Integrations
APPROVED

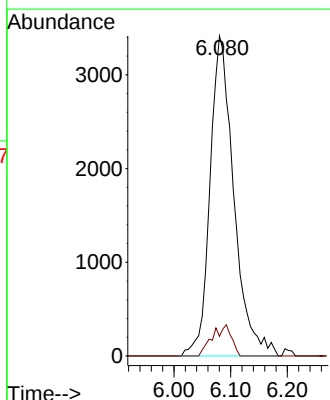
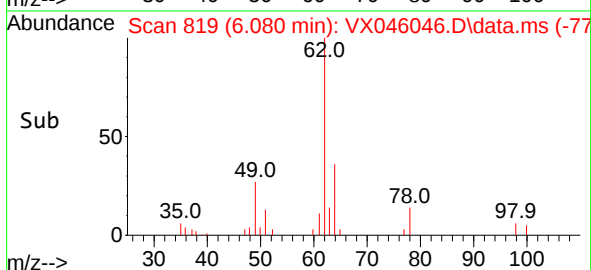
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 3.563 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 62 Resp: 10011
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43

Isopropyl Acetate

Concen: 3.309 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

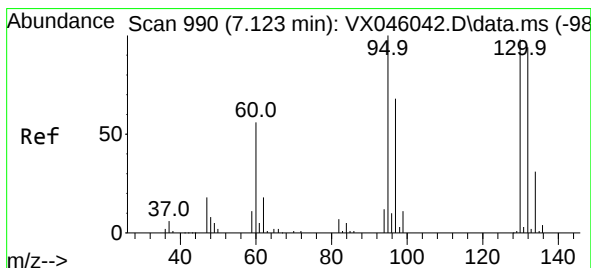
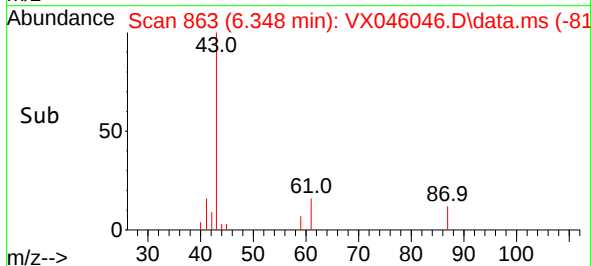
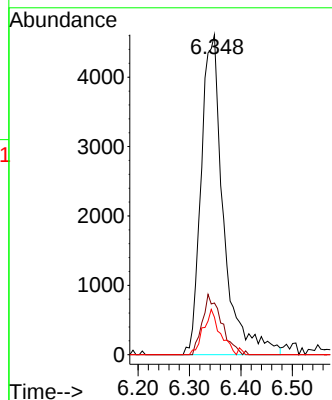
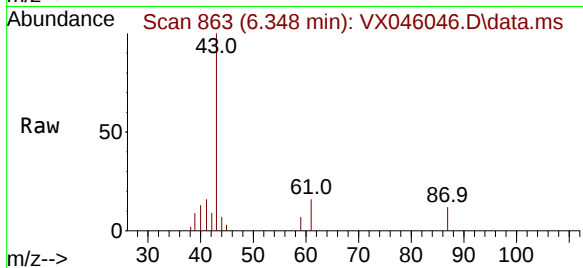
Tgt Ion: 43 Resp: 13914
 Ion Ratio Lower Upper
 43 100
 61 16.2 14.3 21.5
 87 10.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#44

Trichloroethene

Concen: 3.307 ug/l

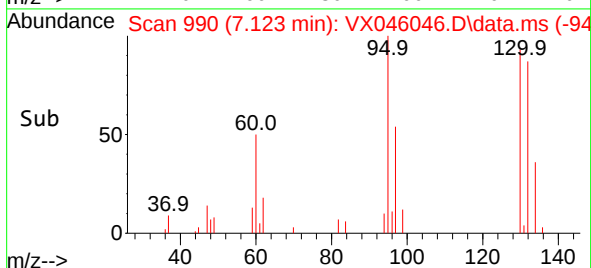
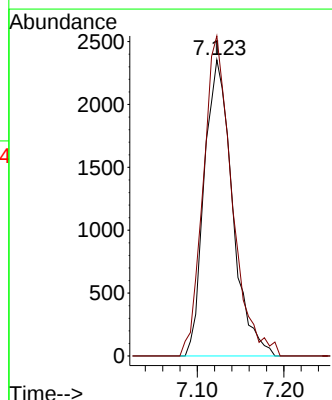
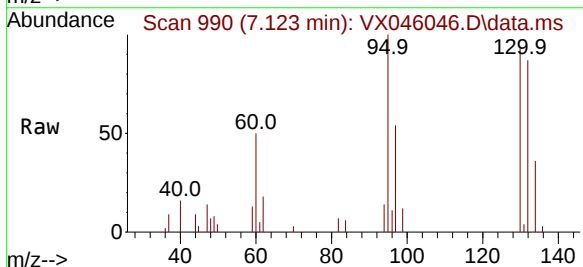
RT: 7.123 min Scan# 990

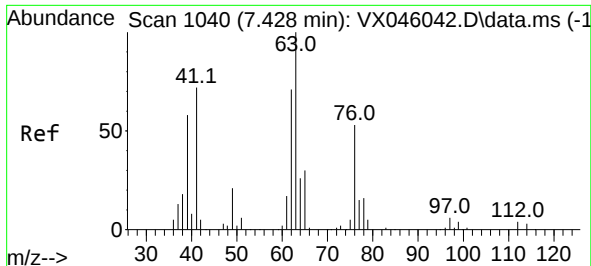
Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Tgt Ion:130 Resp: 5313
 Ion Ratio Lower Upper
 130 100
 95 108.1 0.0 204.2





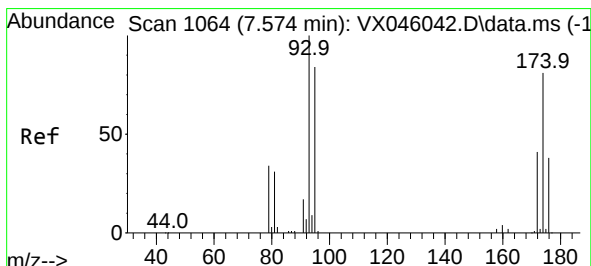
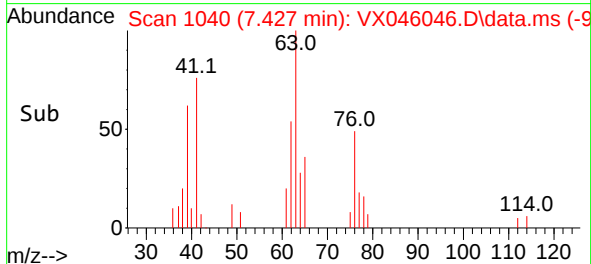
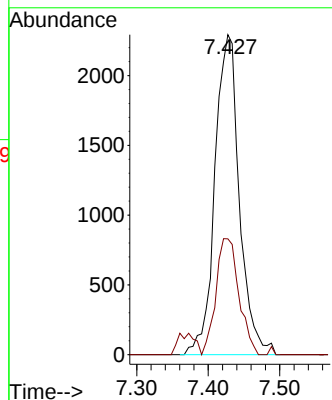
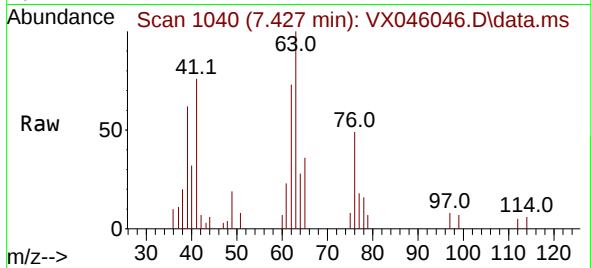
#45
1,2-Dichloropropane
Concen: 3.228 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 545
Ion Ratio Lower Upper
63 100
65 36.2 24.1 36.1

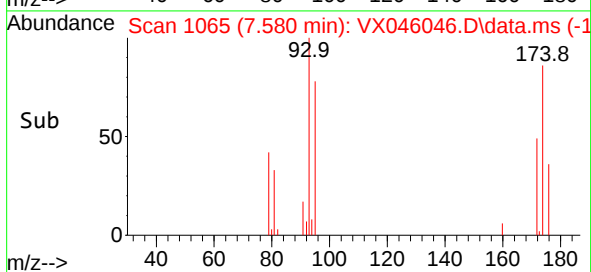
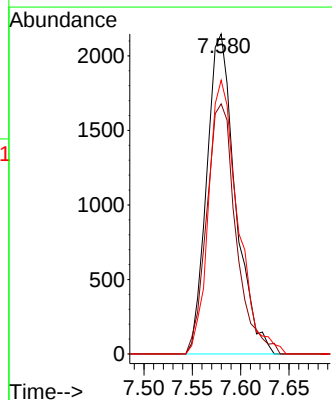
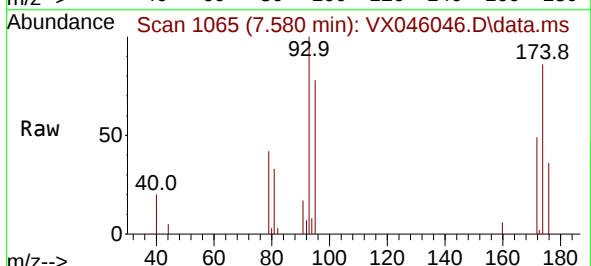
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#46
Dibromomethane
Concen: 3.318 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

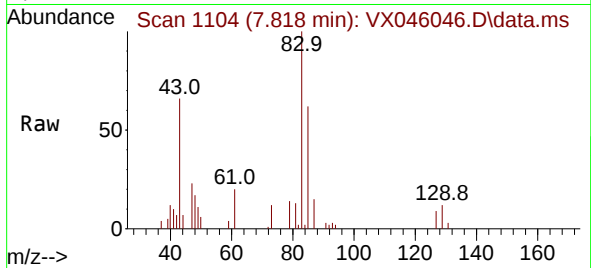
Tgt Ion: 93 Resp: 4417
Ion Ratio Lower Upper
93 100
95 80.1 65.6 98.4
174 87.6 68.2 102.2





#47
Bromodichloromethane
Concen: 3.254 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

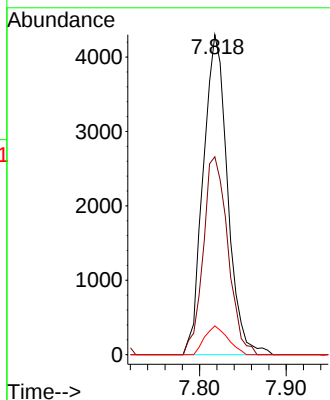
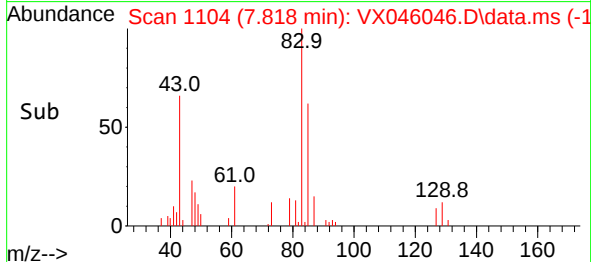
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



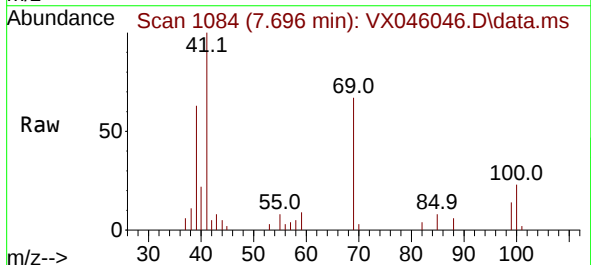
Tgt Ion: 83 Resp: 8394
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 9.0 6.5 9.7

Manual Integrations
APPROVED

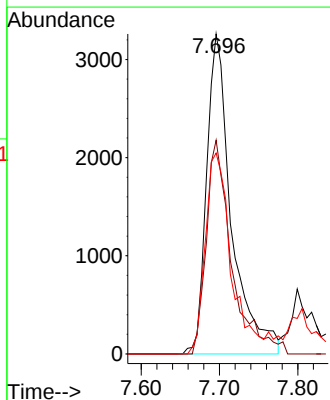
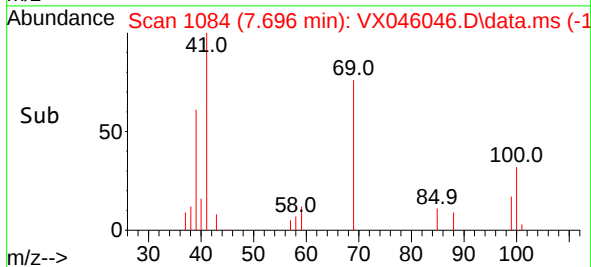
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

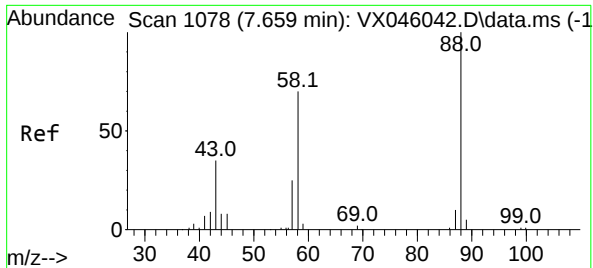


#48
Methyl methacrylate
Concen: 3.321 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 41 Resp: 7171
Ion Ratio Lower Upper
41 100
69 68.4 58.5 87.7
39 65.1 51.7 77.5





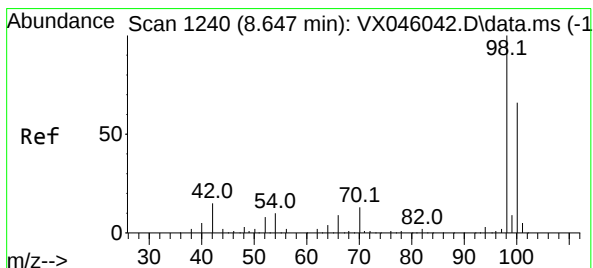
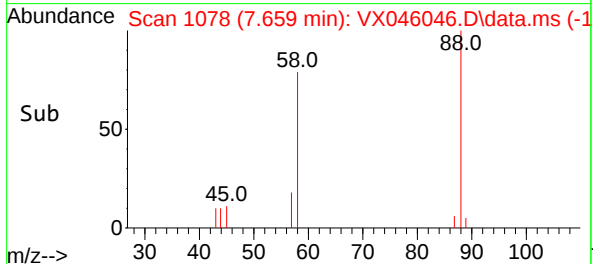
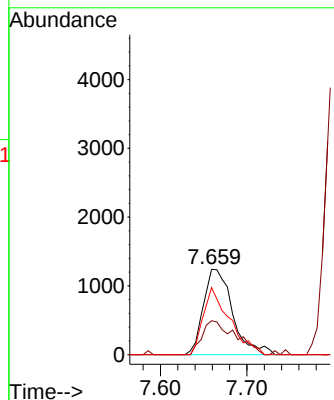
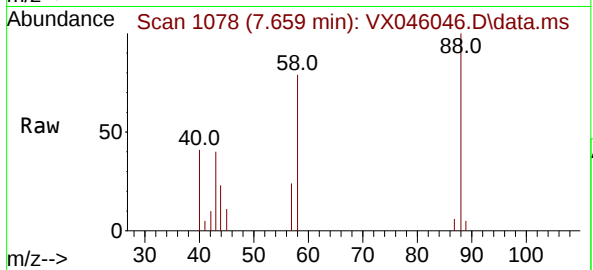
#49
1,4-Dioxane
Concen: 67.721 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
43 45.3 33.4 50.2
58 71.0 58.6 88.0

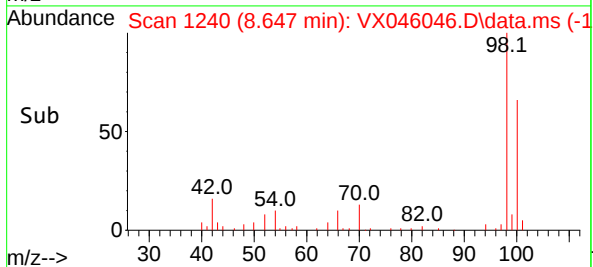
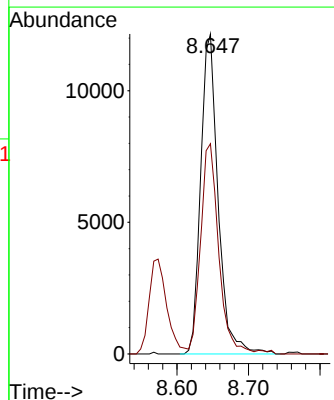
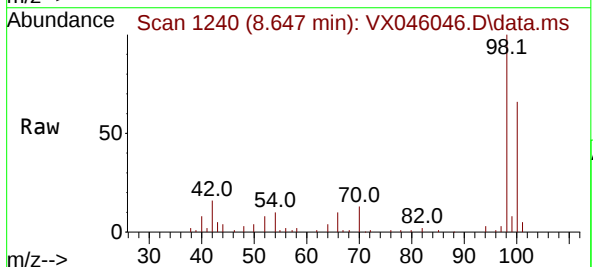
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 3.232 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 98 Resp: 20566
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3





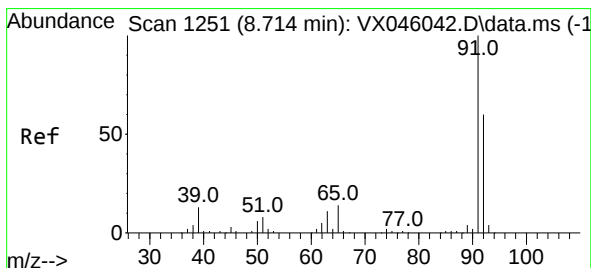
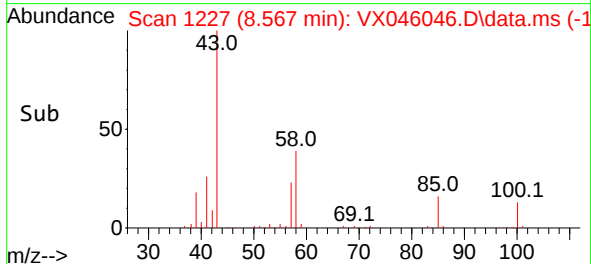
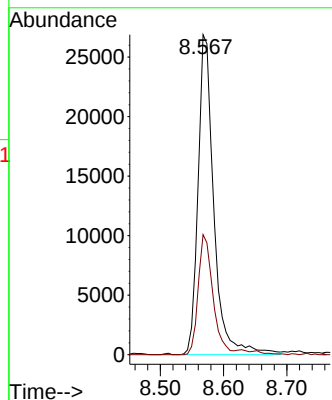
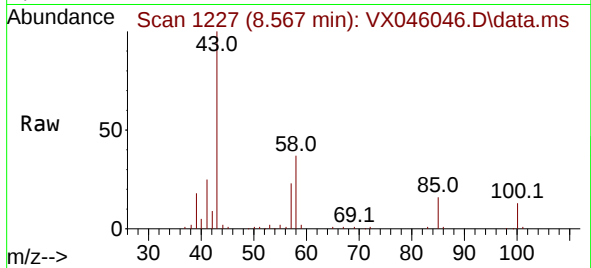
#51
4-Methyl-2-Pentanone
Concen: 16.967 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 46794
Ion Ratio Lower Upper
43 100
58 34.8 28.9 43.3

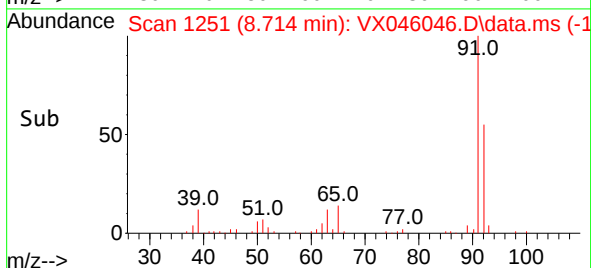
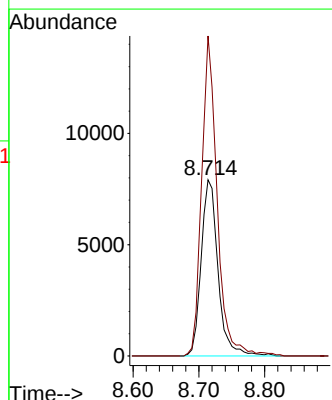
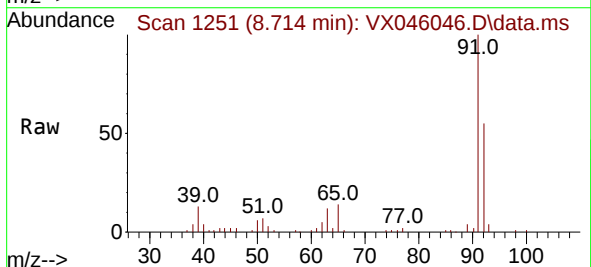
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 3.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 92 Resp: 14126
Ion Ratio Lower Upper
92 100
91 167.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 3.155 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 6834

Ion Ratio Lower Upper

75 100

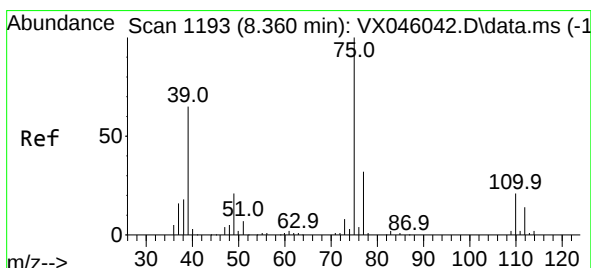
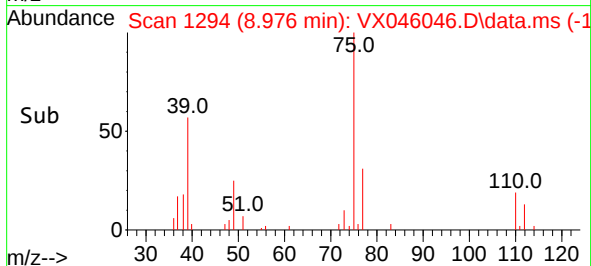
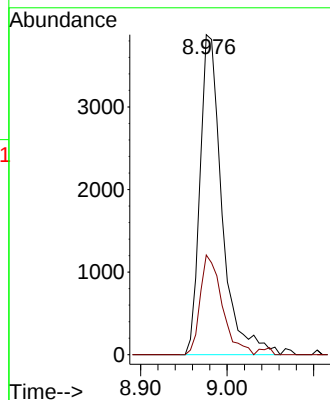
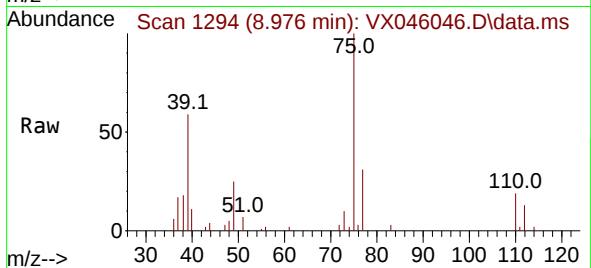
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#54

cis-1,3-Dichloropropene

Concen: 3.129 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

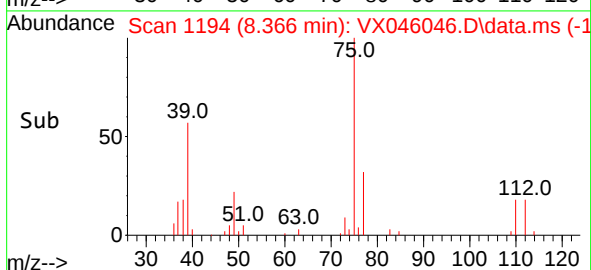
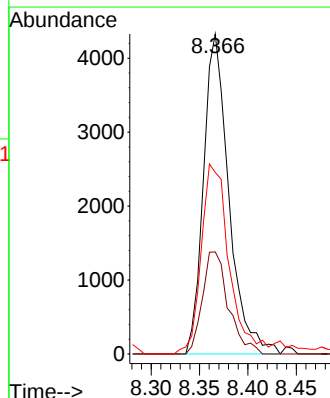
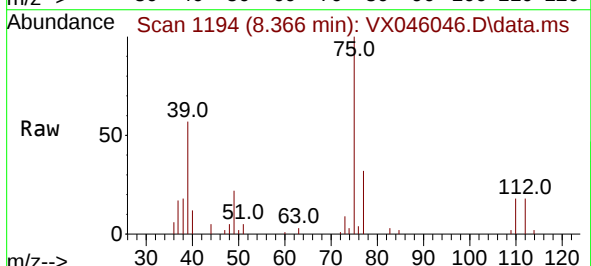
Tgt Ion: 75 Resp: 7908

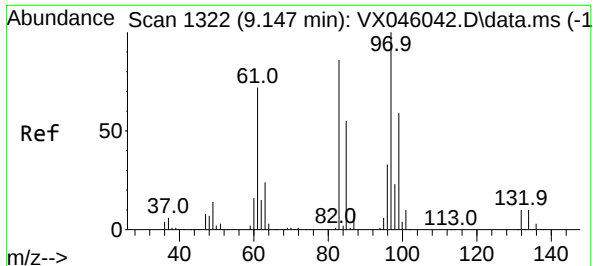
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 55.3 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 3.490 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

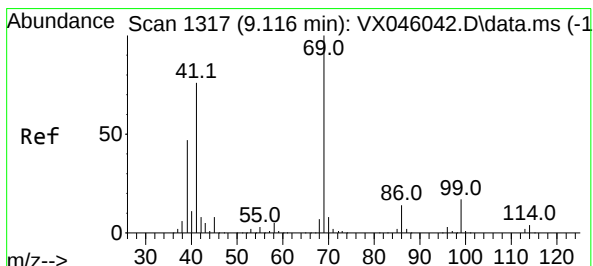
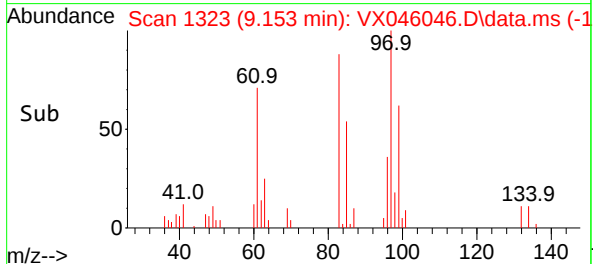
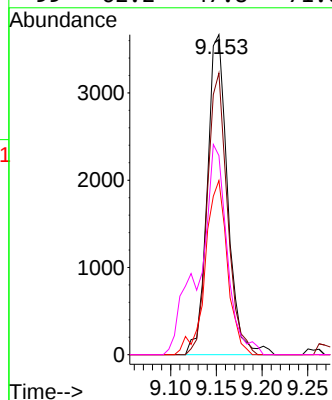
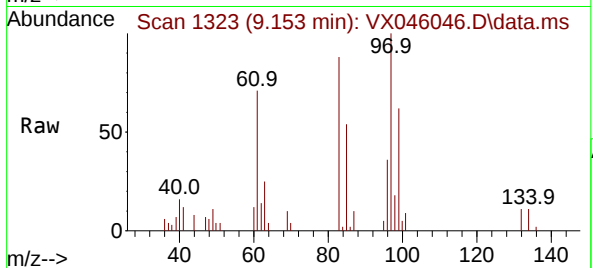
VSTDIC005

Tgt Ion: 97 Resp: 568
Ion Ratio Lower Upper
97 100
83 88.0 69.0 103.6
85 54.4 44.3 66.5
99 62.2 47.8 71.6

Manual Integrations

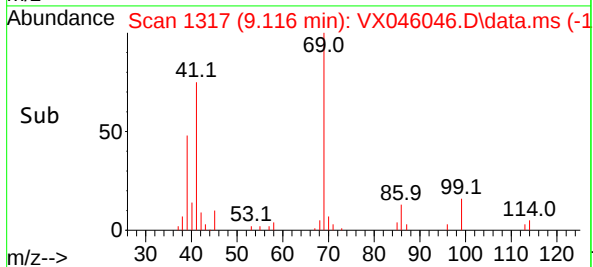
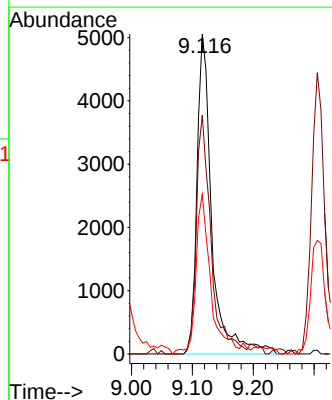
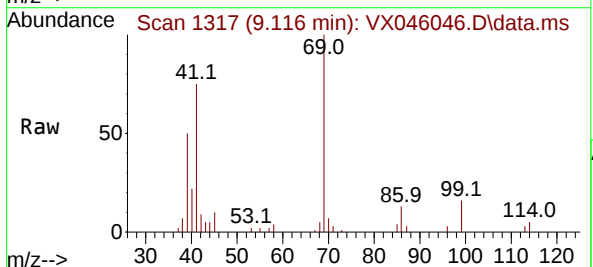
APPROVED

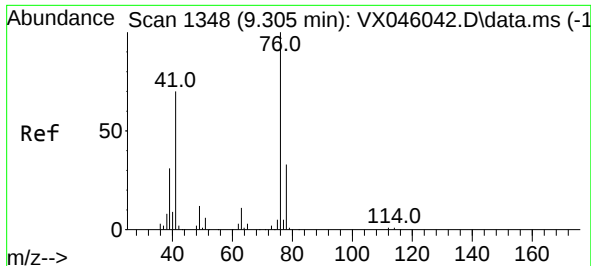
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#56
Ethyl methacrylate
Concen: 3.390 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 69 Resp: 8555
Ion Ratio Lower Upper
69 100
41 73.7 60.8 91.2
39 49.3 39.0 58.6





#57

1,3-Dichloropropane

Concen: 3.508 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1012

Ion Ratio Lower Upper

76 100

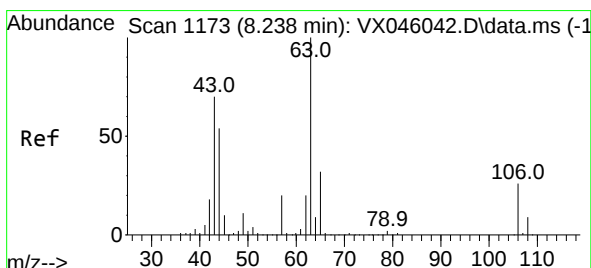
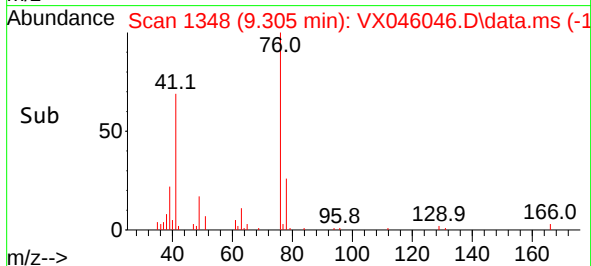
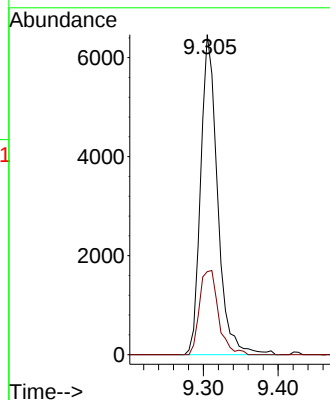
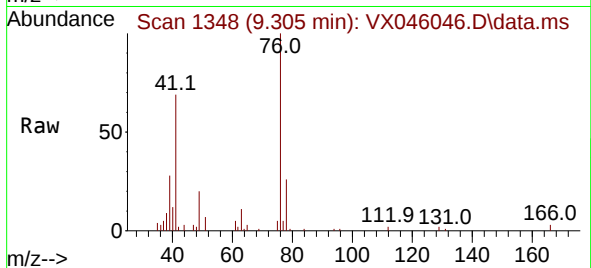
78 29.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 18.346 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046046.D

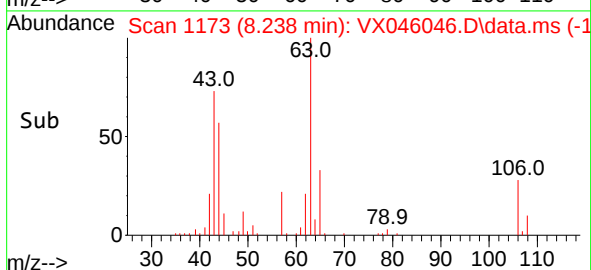
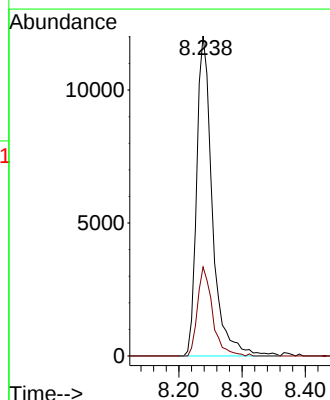
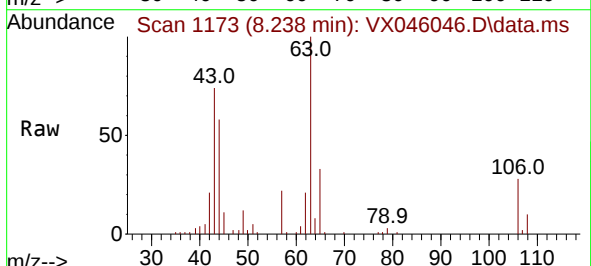
Acq: 05 May 2025 16:04

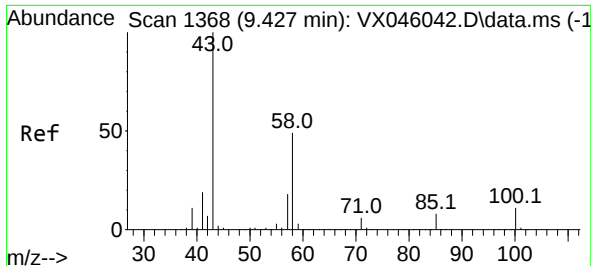
Tgt Ion: 63 Resp: 20809

Ion Ratio Lower Upper

63 100

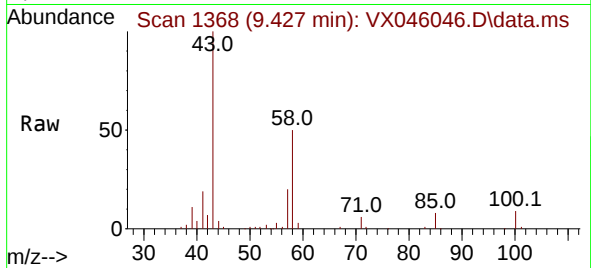
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 16.651 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

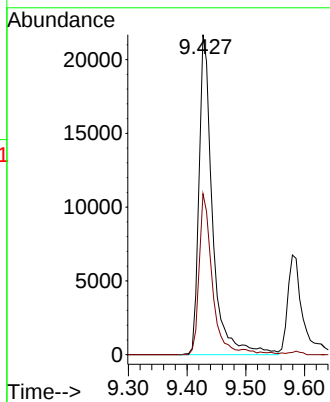
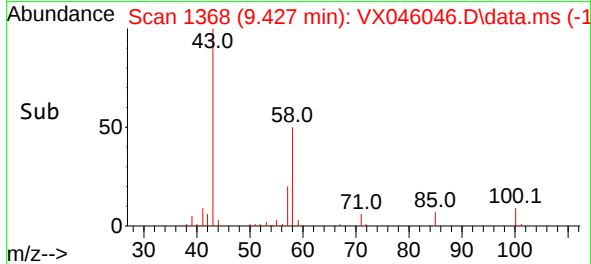
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3485
Ion Ratio Lower Upper
43 100
58 47.5 24.9 74.6

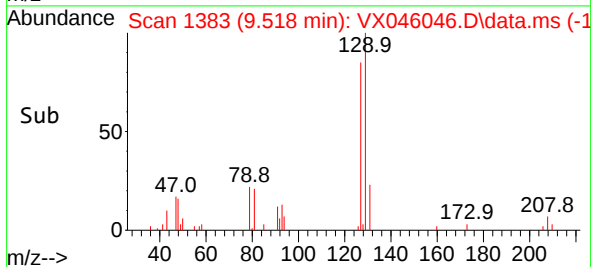
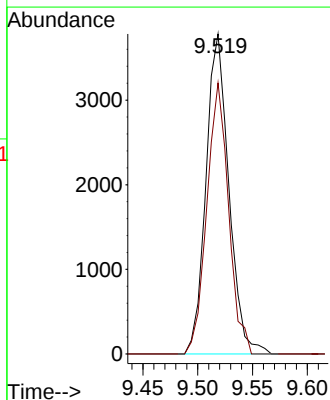
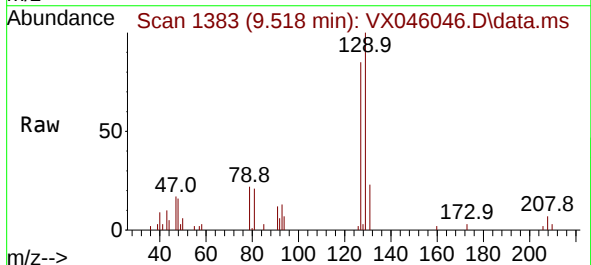
Manual Integrations
APPROVED

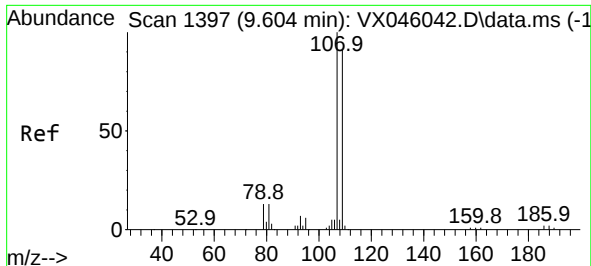
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#60
Dibromochloromethane
Concen: 3.102 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

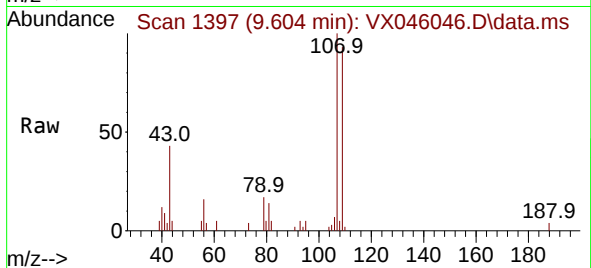
Tgt Ion:129 Resp: 5500
Ion Ratio Lower Upper
129 100
127 80.4 39.3 117.8





#61
1,2-Dibromoethane
Concen: 3.356 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

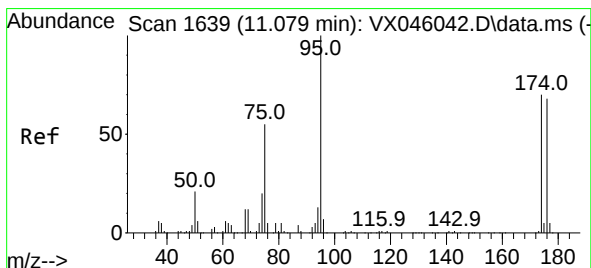
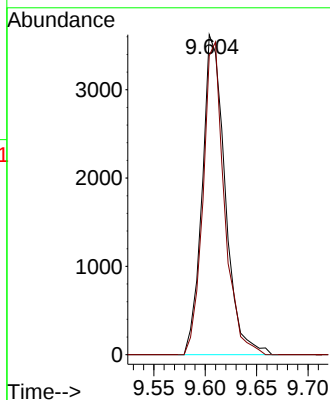
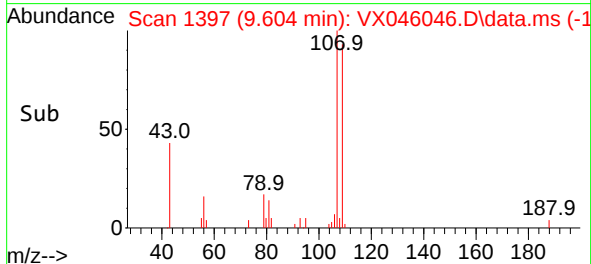
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



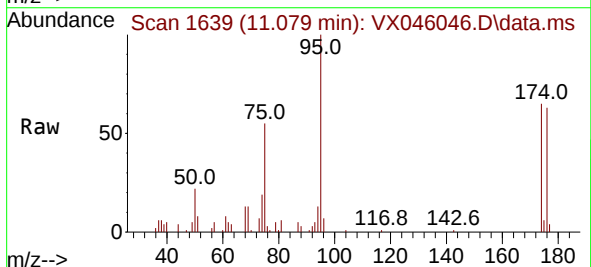
Tgt Ion:107 Resp: 5614
Ion Ratio Lower Upper
107 100
109 91.0 73.3 109.9

Manual Integrations
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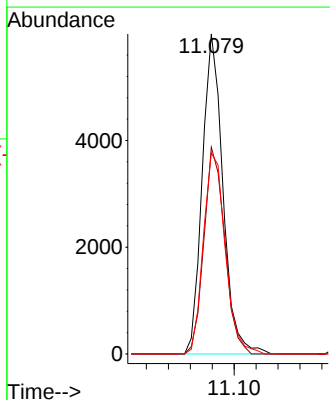
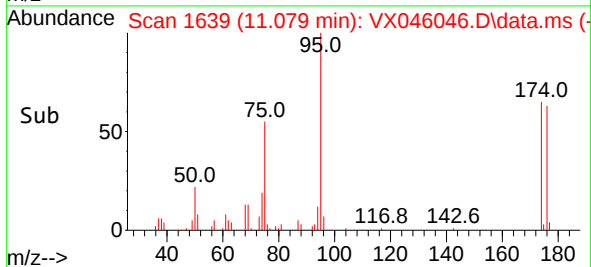
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

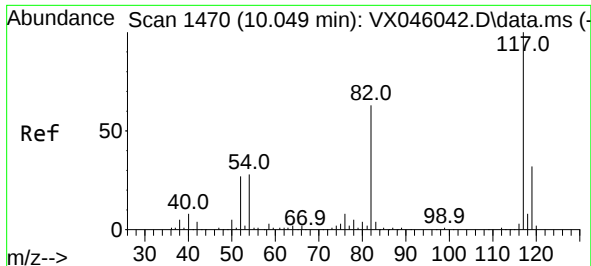


#62
4-Bromofluorobenzene
Concen: 3.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



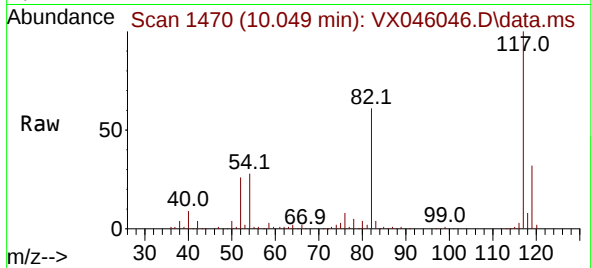
Tgt Ion: 95 Resp: 7822
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.8
176 66.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

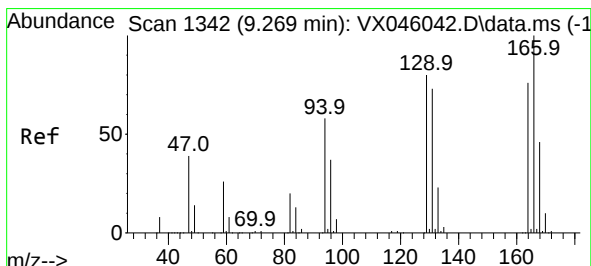
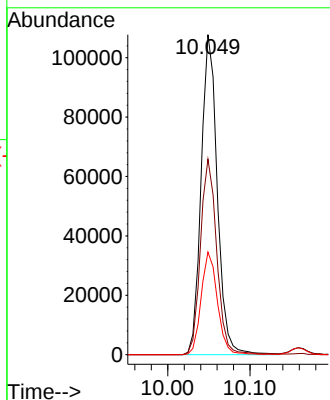
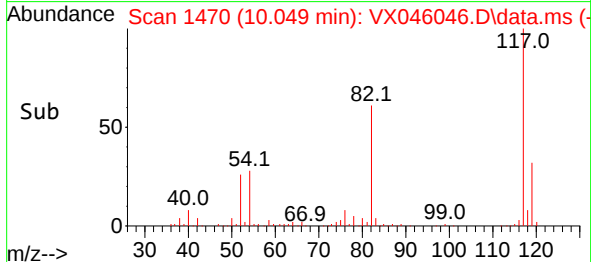
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 14716
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 32.1 25.8 38.6

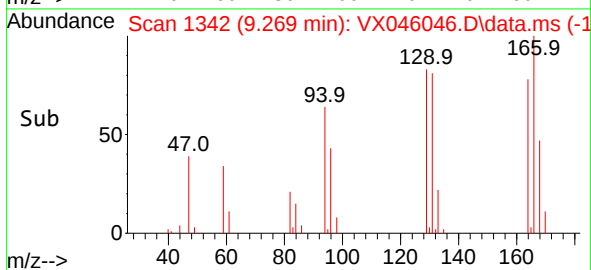
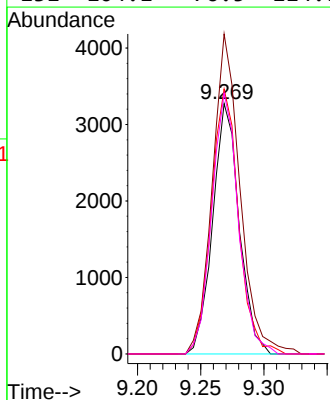
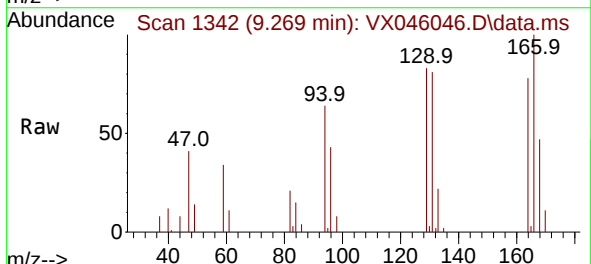
Manual Integrations
APPROVED

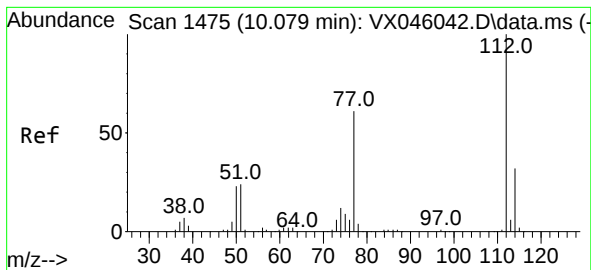
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 3.162 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:164 Resp: 4752
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.6
129 105.8 83.5 125.3
131 104.1 76.5 114.7





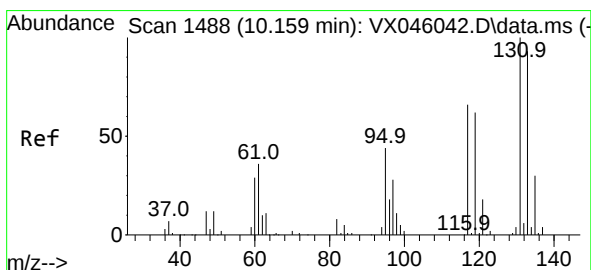
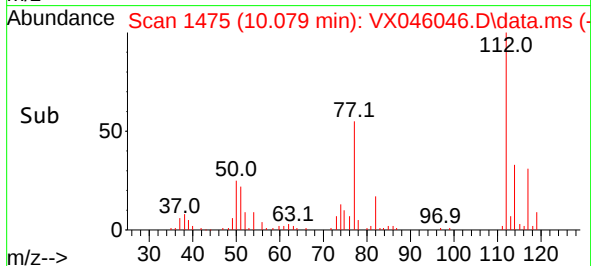
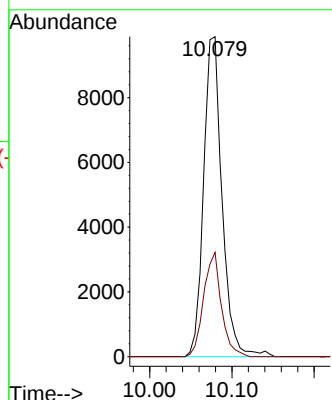
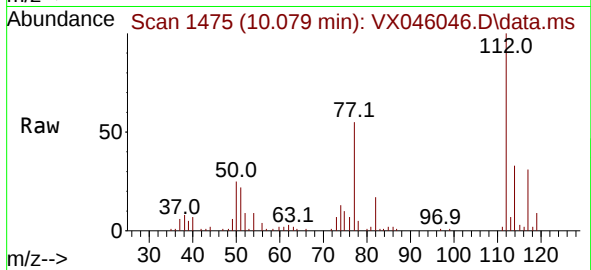
#65
Chlorobenzene
Concen: 3.399 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 1539
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

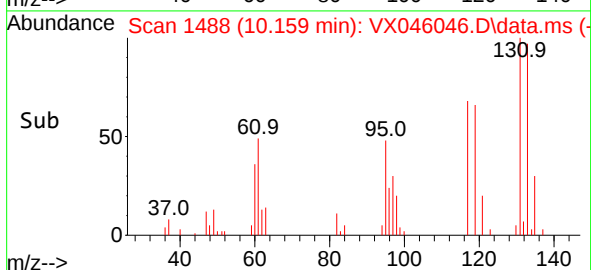
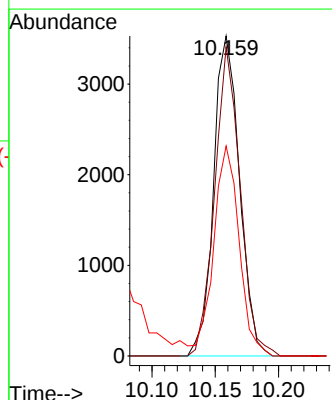
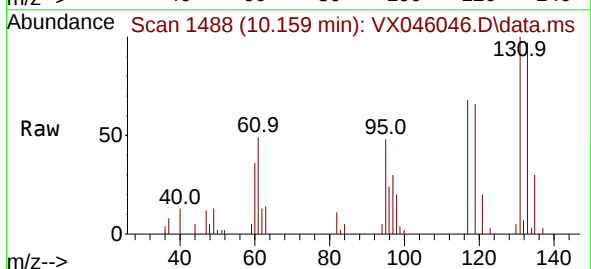
Manual Integrations
APPROVED

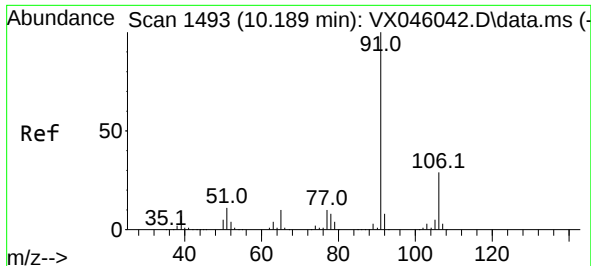
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 3.326 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:131 Resp: 5024
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.9
119 64.8 31.6 95.0





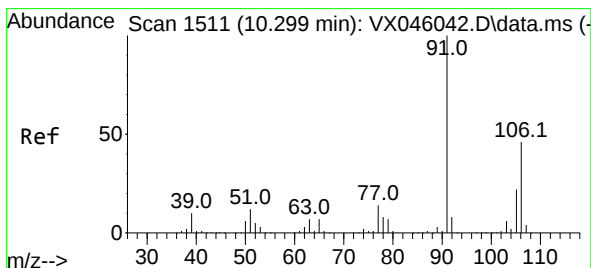
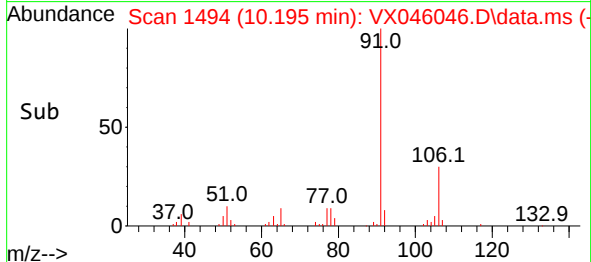
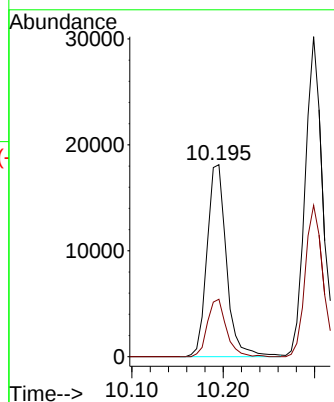
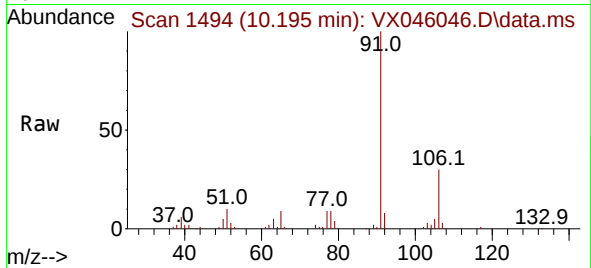
#67
Ethyl Benzene
Concen: 3.463 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 26732
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2

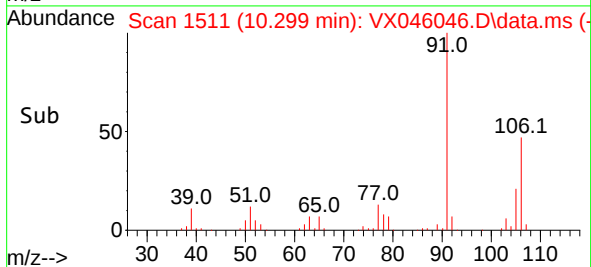
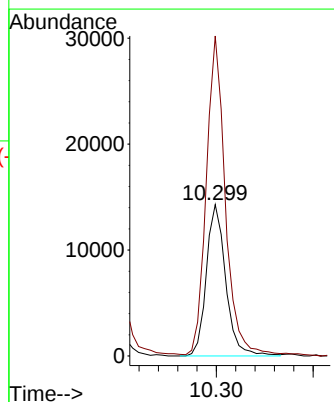
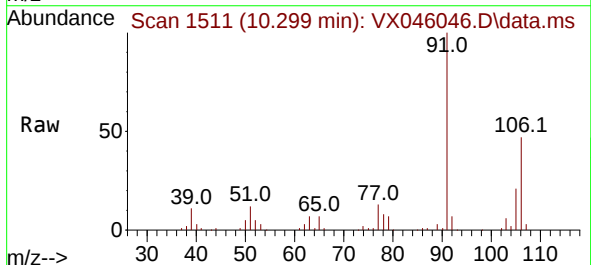
Manual Integrations
APPROVED

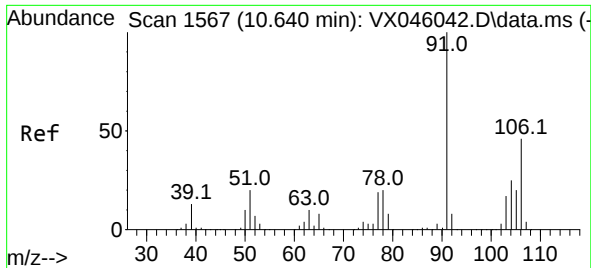
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#68
m/p-Xylenes
Concen: 7.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:106 Resp: 19957
Ion Ratio Lower Upper
106 100
91 210.1 171.2 256.8





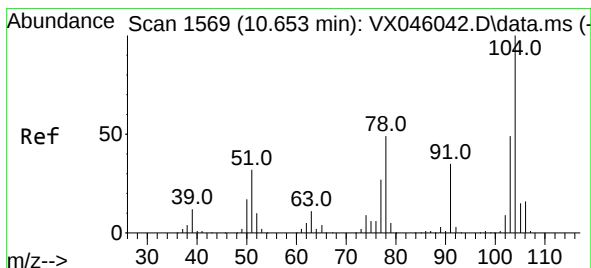
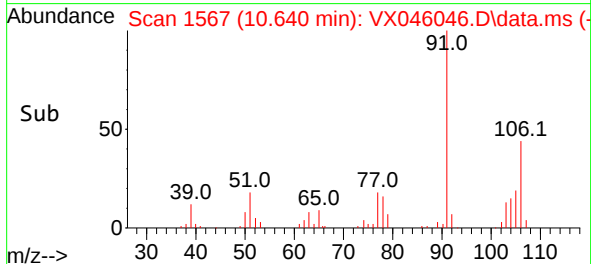
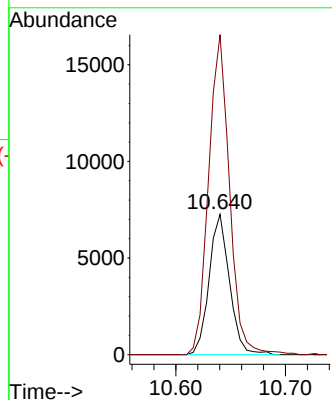
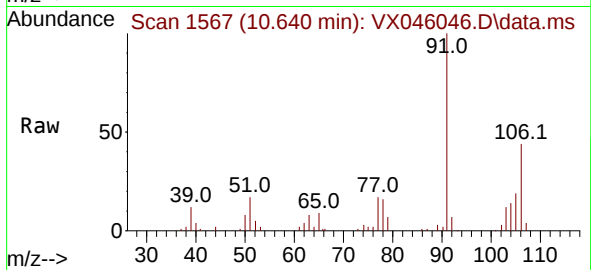
#69
o-Xylene
Concen: 3.343 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9398
Ion Ratio Lower Upper
106 100
91 233.6 112.7 338.1

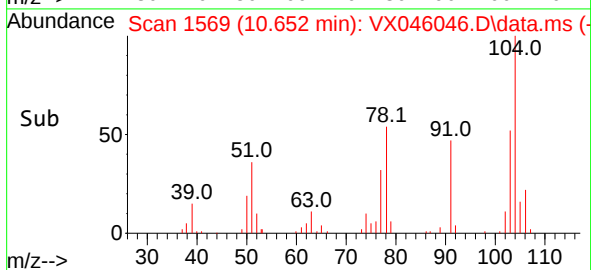
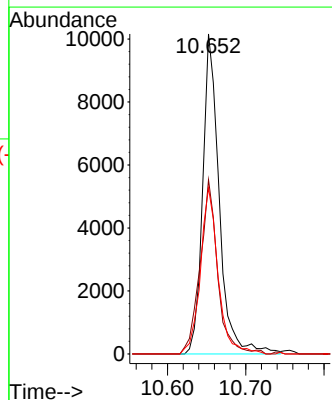
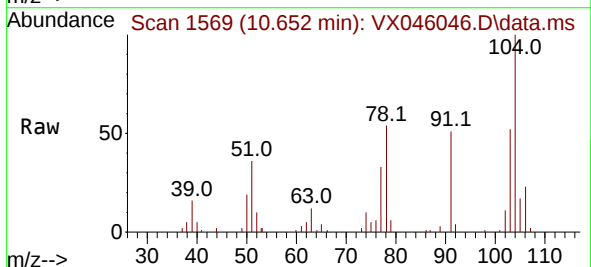
Manual Integrations
APPROVED

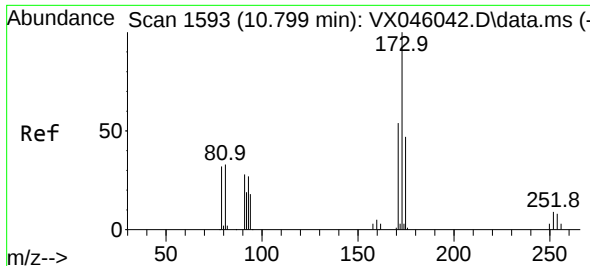
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 3.312 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

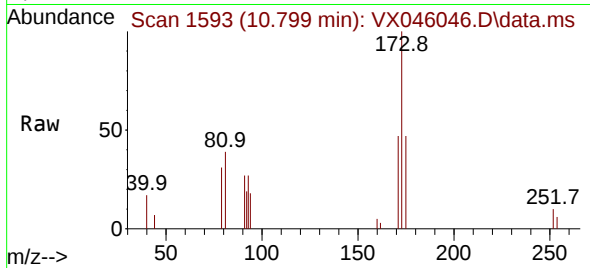
Tgt Ion:104 Resp: 14900
Ion Ratio Lower Upper
104 100
78 57.9 45.7 68.5
103 55.6 43.7 65.5





#71
Bromoform
Concen: 3.059 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

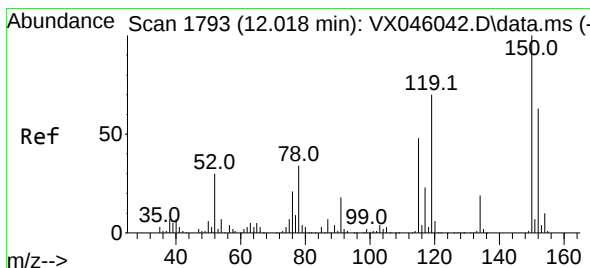
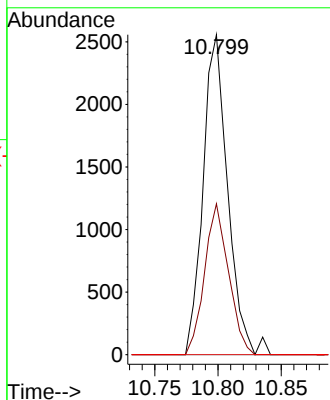
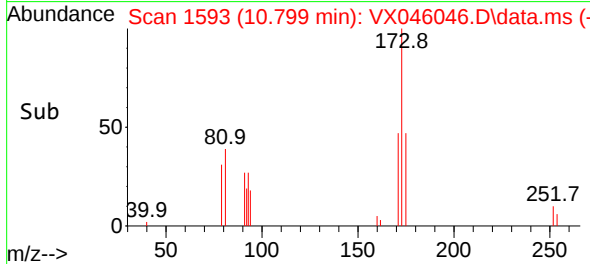
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 3470
Ion Ratio Lower Upper
173 100
175 45.8 23.4 70.0
254 0.0 0.0 0.0

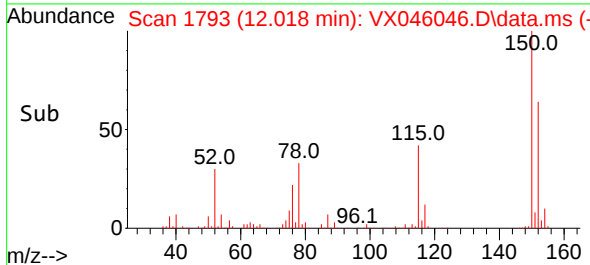
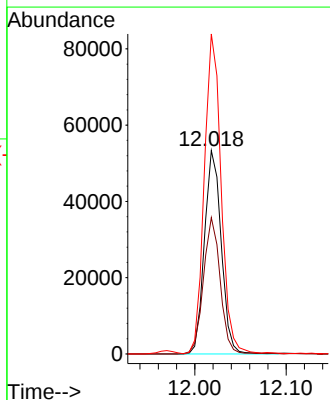
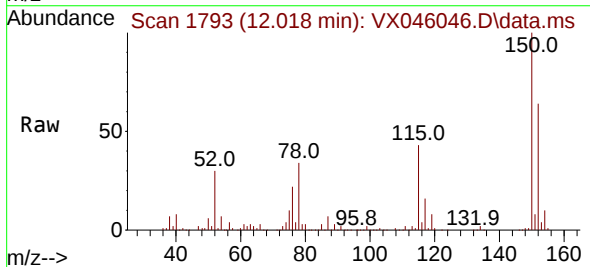
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:152 Resp: 67939
Ion Ratio Lower Upper
152 100
115 66.8 46.9 140.7
150 157.5 0.0 351.0





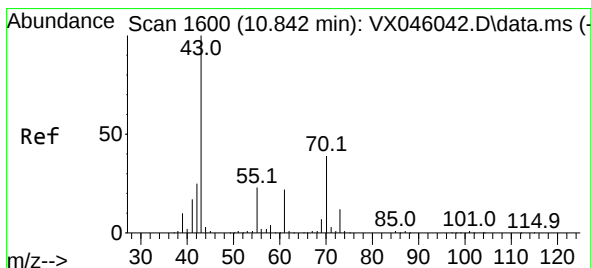
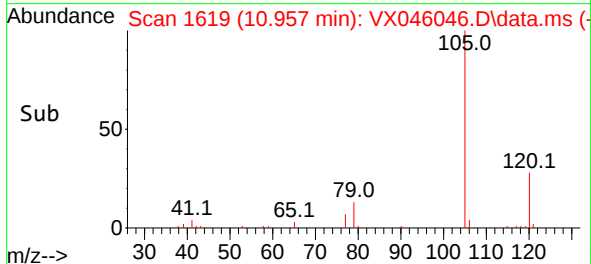
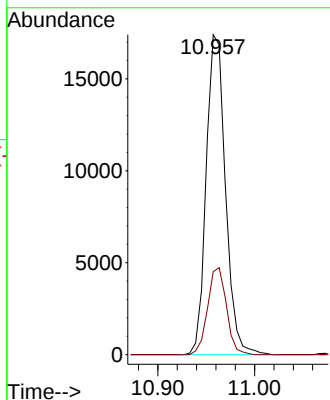
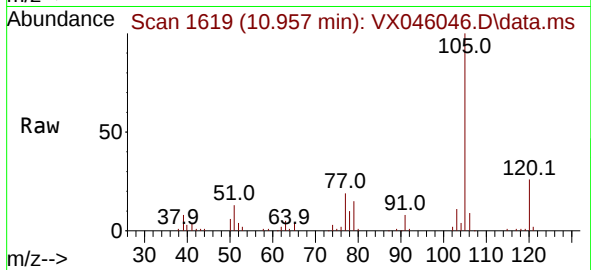
#73
Isopropylbenzene
Concen: 3.266 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 105 Resp: 2420
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.4

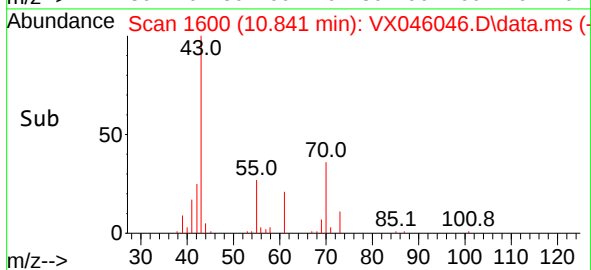
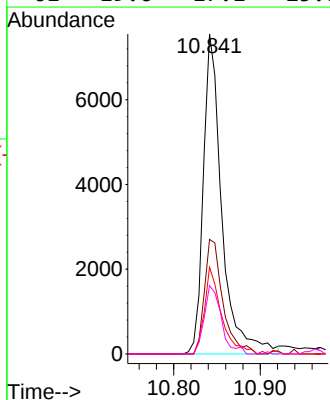
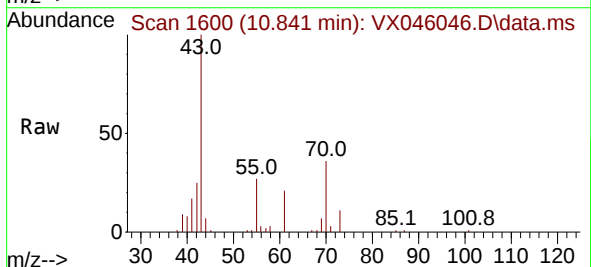
Manual Integrations
APPROVED

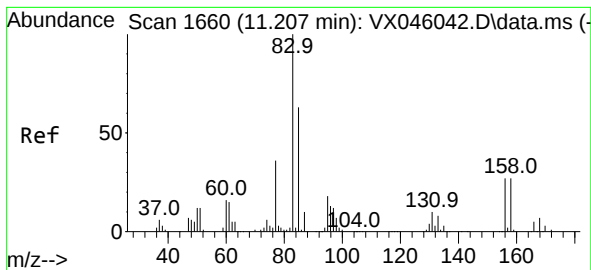
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#74
N-ethyl acetate
Concen: 3.038 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 11224
Ion Ratio Lower Upper
43 100
70 35.4 30.9 46.3
55 25.0 18.7 28.1
61 19.6 17.1 25.7





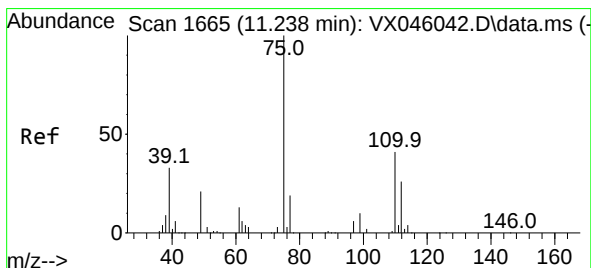
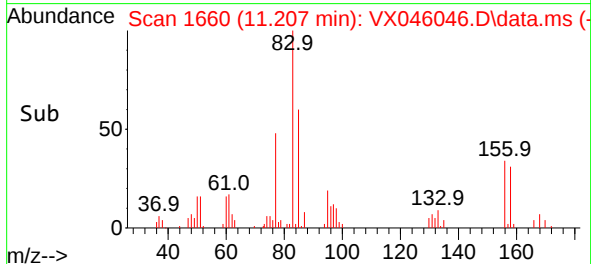
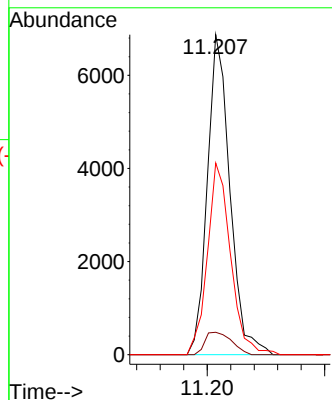
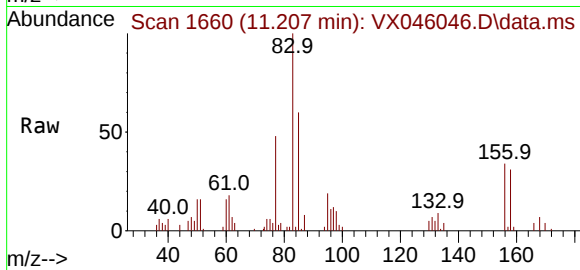
#75
1,1,2,2-Tetrachloroethane
Concen: 3.479 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 9170
Ion Ratio Lower Upper
83 100
131 8.3 5.0 14.9
85 61.7 31.9 95.7

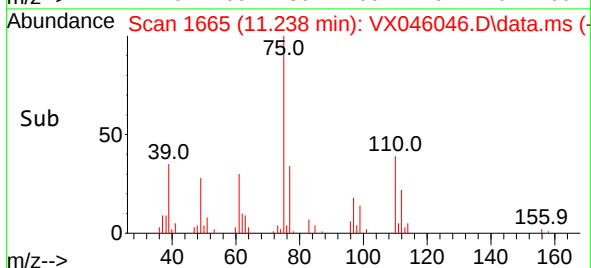
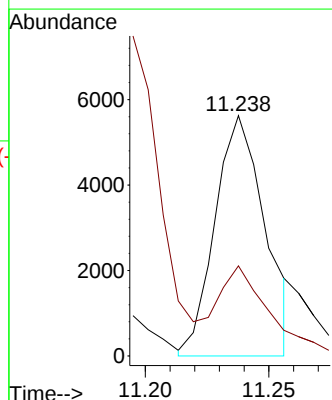
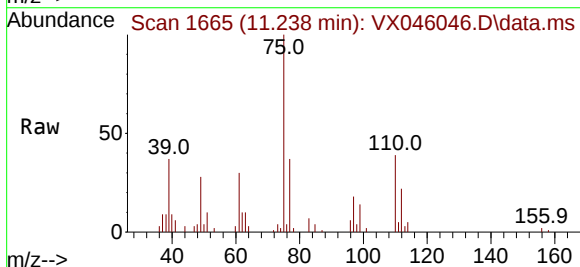
Manual Integrations
APPROVED

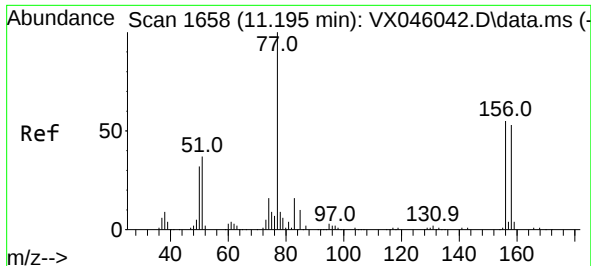
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 2.799 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

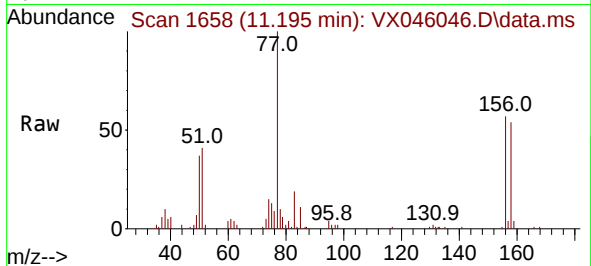
Tgt Ion: 75 Resp: 7928
Ion Ratio Lower Upper
75 100
77 40.6 20.5 61.5





#77
Bromobenzene
Concen: 3.417 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

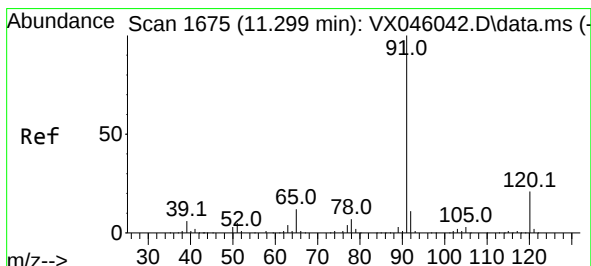
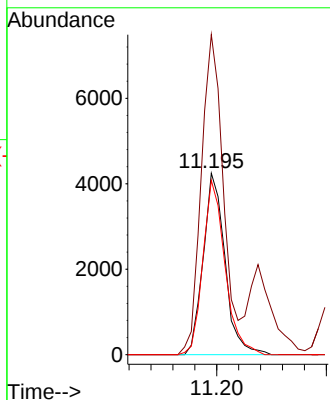
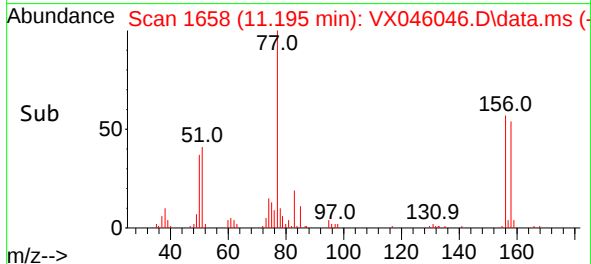
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



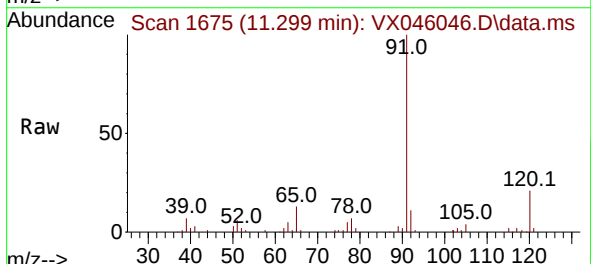
Tgt Ion:156 Resp: 585
Ion Ratio Lower Upper
156 100
77 177.0 92.8 278.3
158 97.7 48.8 146.3

Manual Integrations
APPROVED

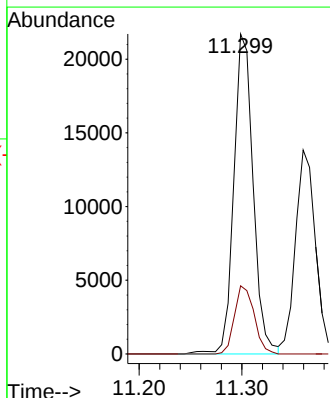
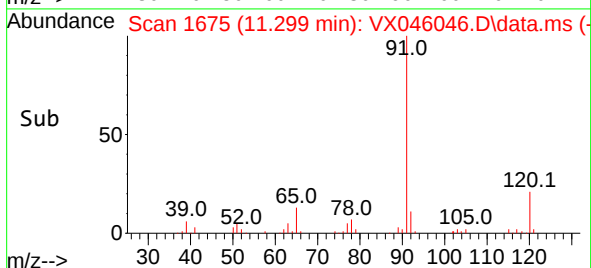
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

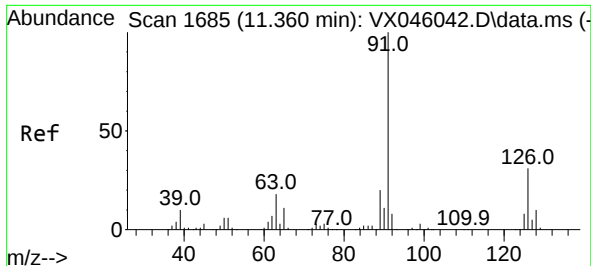


#78
n-propylbenzene
Concen: 3.424 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 91 Resp: 28436
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





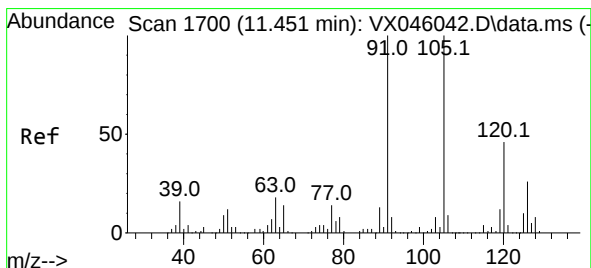
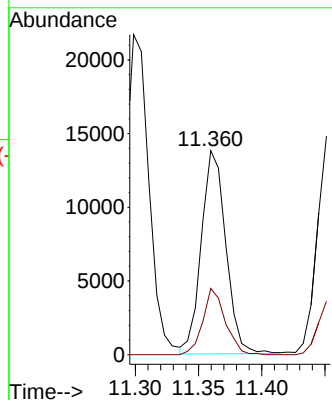
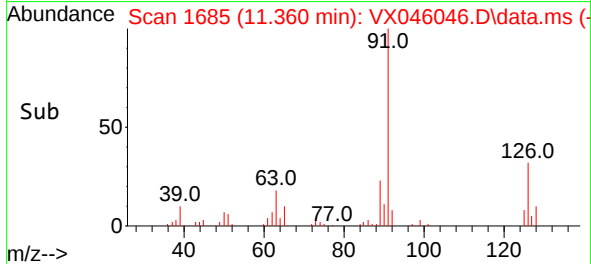
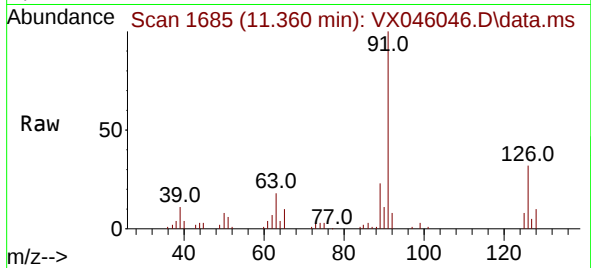
#79
2-Chlorotoluene
Concen: 3.336 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 18672
Ion Ratio Lower Upper
91 100
126 29.7 15.6 46.7

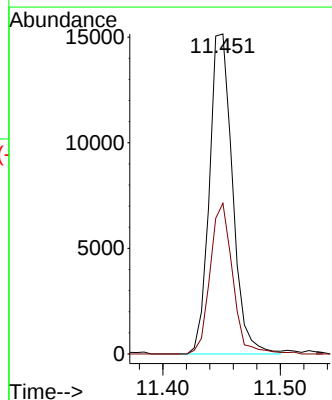
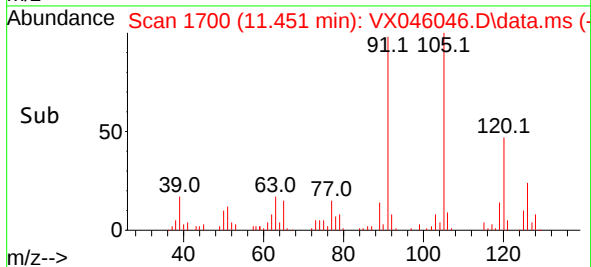
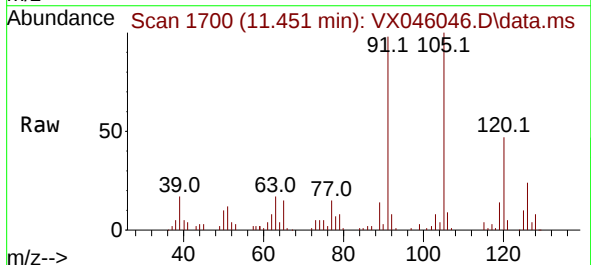
Manual Integrations
APPROVED

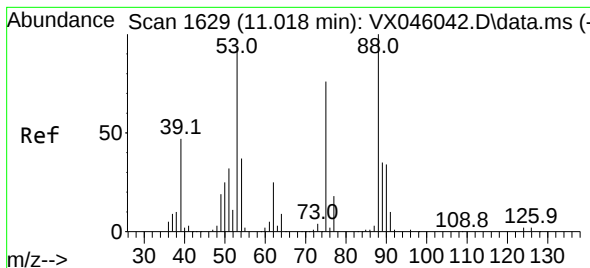
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

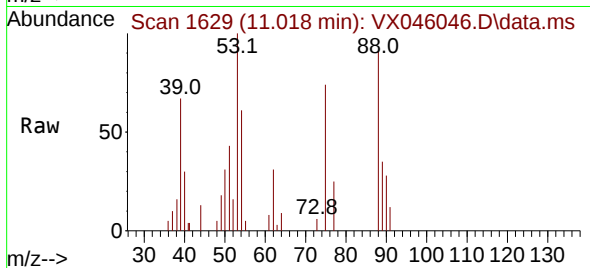
Tgt Ion:105 Resp: 20742
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.686 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

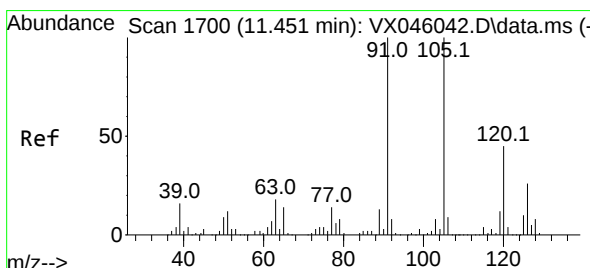
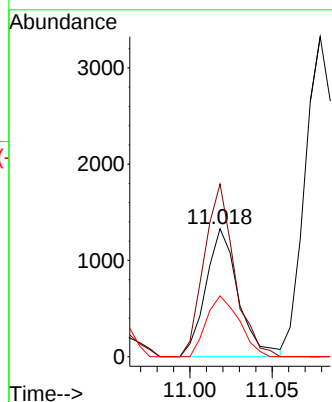
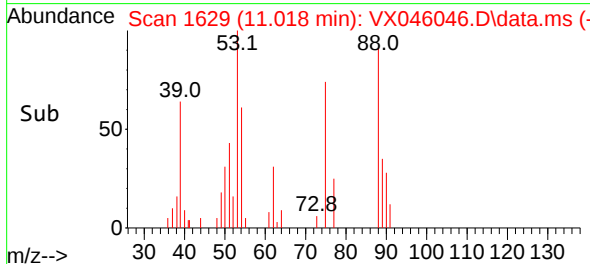
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1828
Ion Ratio Lower Upper
75 100
53 125.8 100.5 150.7
89 47.9 37.0 55.6

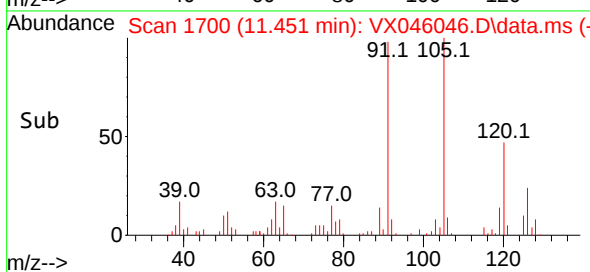
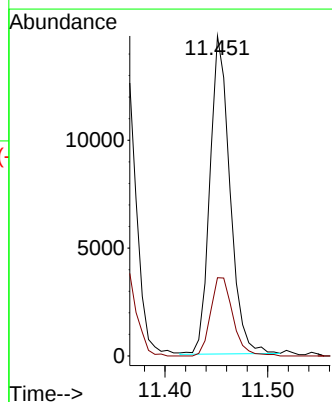
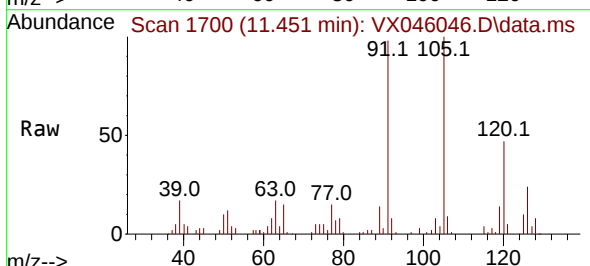
Manual Integrations
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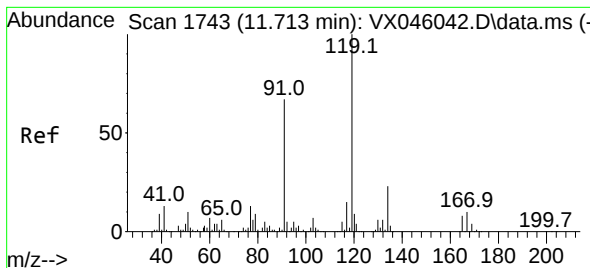
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#82
4-Chlorotoluene
Concen: 3.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 19966
Ion Ratio Lower Upper
91 100
126 27.3 13.3 39.8





#83

tert-Butylbenzene

Concen: 3.484 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

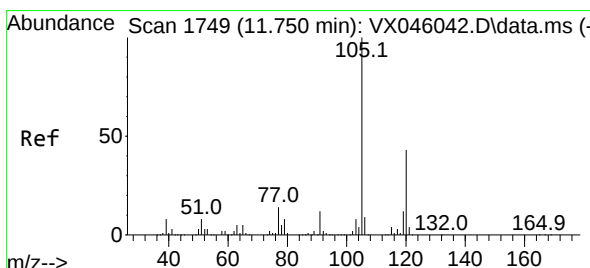
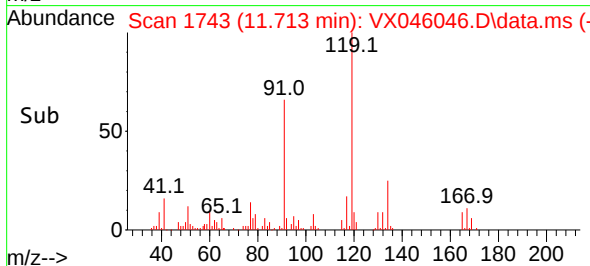
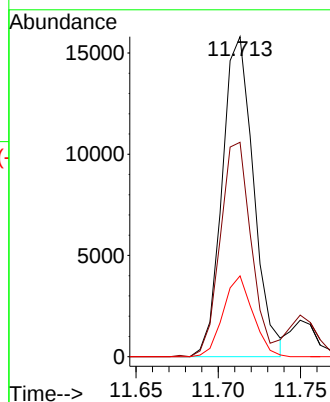
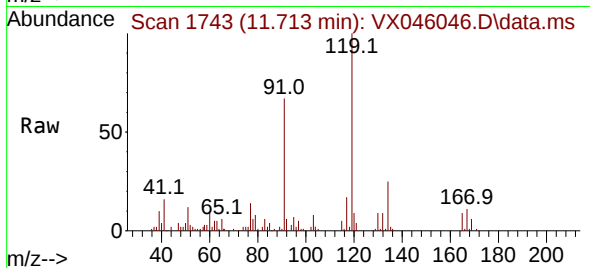
Tgt Ion:	119	Resp:	21049
Ion Ratio	Lower	Upper	
119	100		
91	67.0	32.9	98.7
134	23.8	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 3.355 ug/l

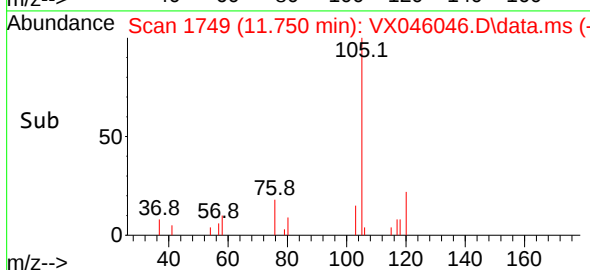
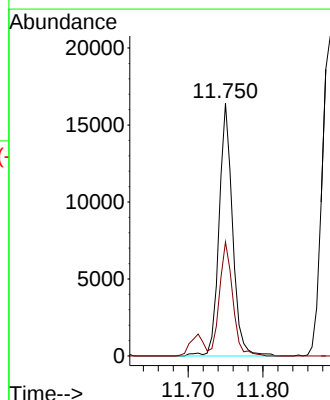
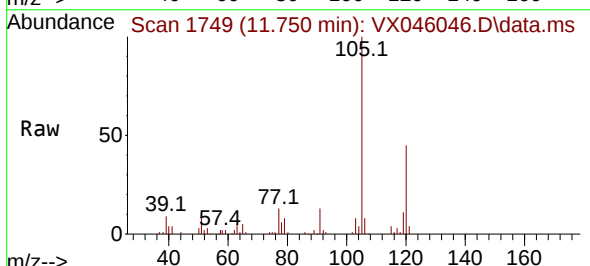
RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

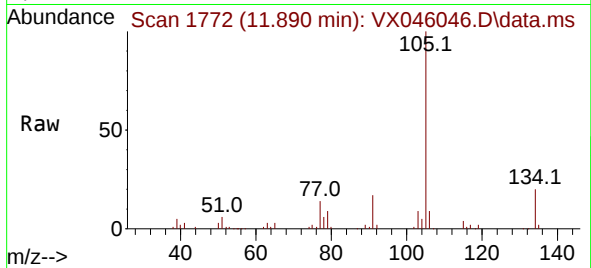
Tgt Ion:	105	Resp:	20613
Ion Ratio	Lower	Upper	
105	100		
120	44.5	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 3.412 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

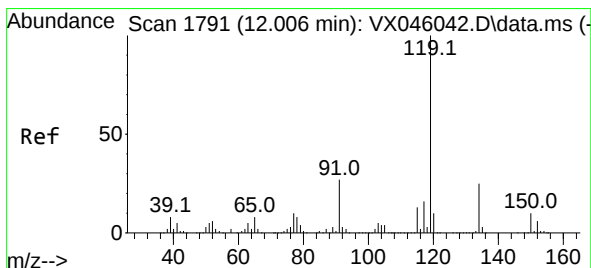
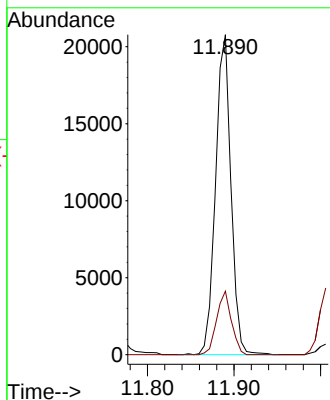
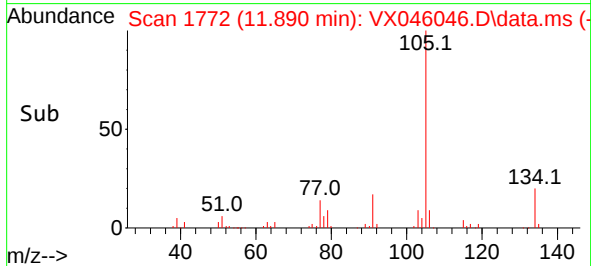
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005



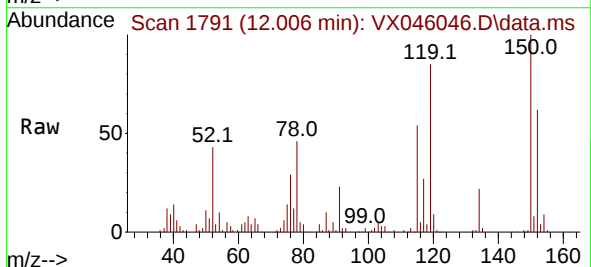
Tgt Ion:105 Resp: 25590
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

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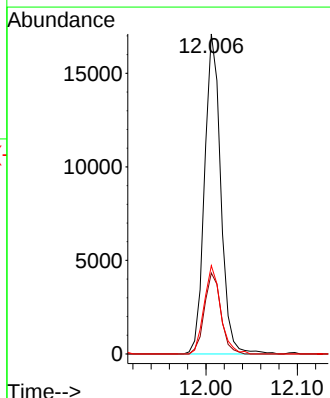
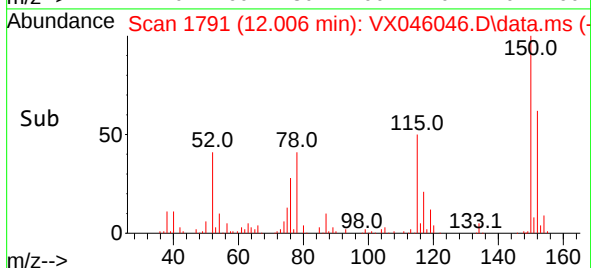
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

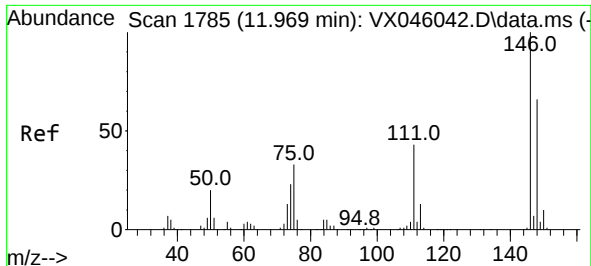


#86
 p-Isopropyltoluene
 Concen: 3.460 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04



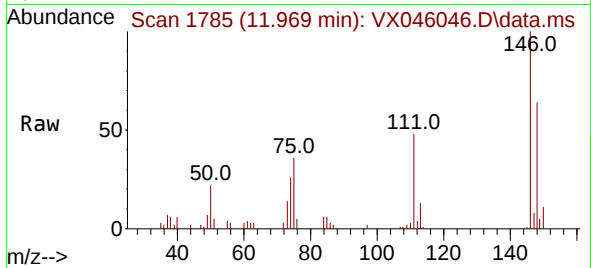
Tgt Ion:119 Resp: 20955
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.5 37.5
 91 28.0 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 3.315 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

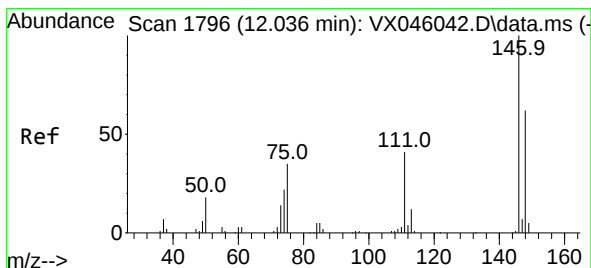
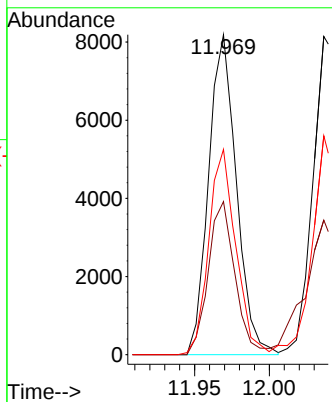
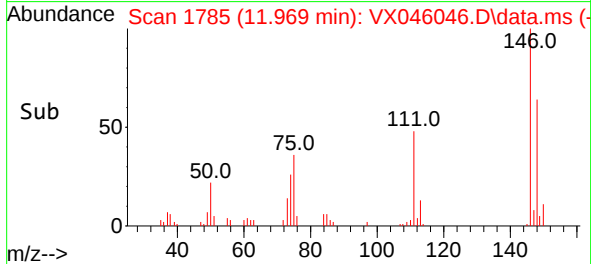
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



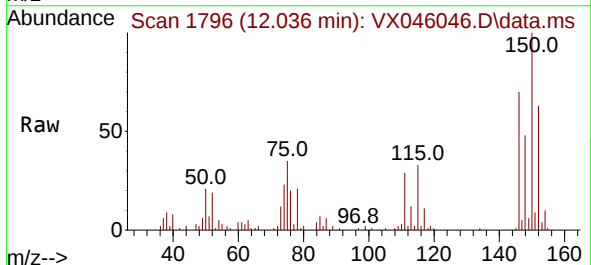
Tgt Ion:146 Resp: 1058
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.3
148 62.4 32.1 96.5

Manual Integrations
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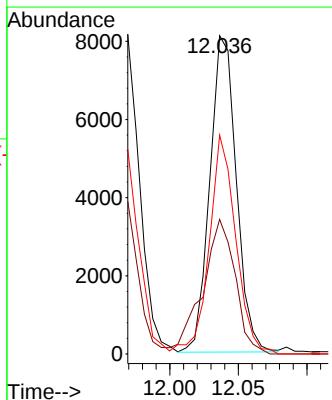
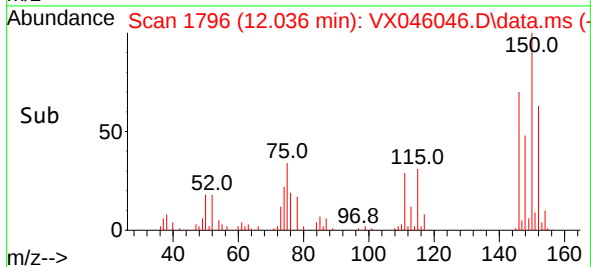
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#88
1,4-Dichlorobenzene
Concen: 3.486 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion:146 Resp: 10908
Ion Ratio Lower Upper
146 100
111 52.1 21.3 63.9
148 69.4 31.9 95.5





#89

n-Butylbenzene

Concen: 3.419 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 18004

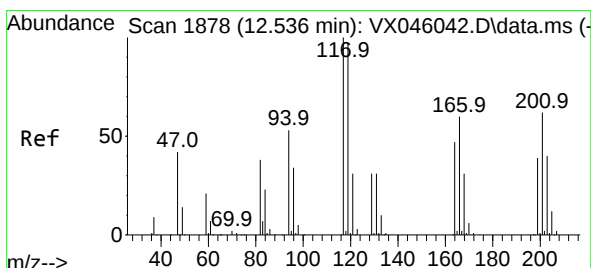
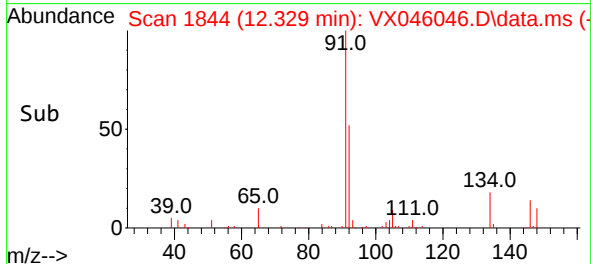
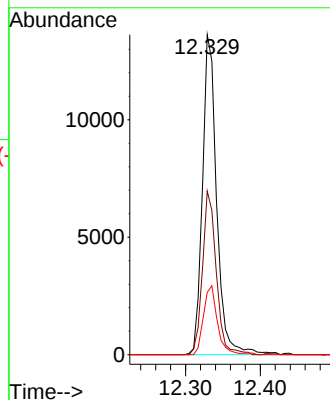
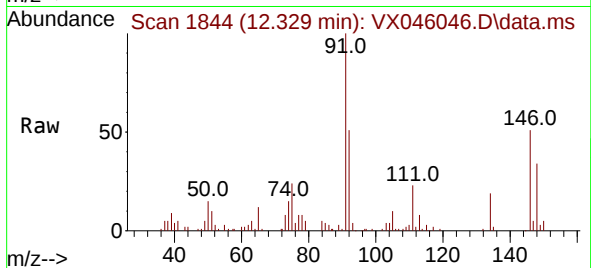
Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.9	80.7
134	21.2	11.8	35.3

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#90

Hexachloroethane

Concen: 3.153 ug/l

RT: 12.536 min Scan# 1878

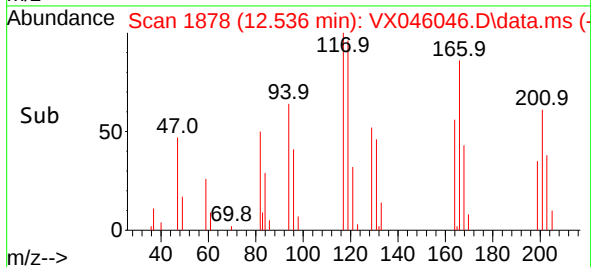
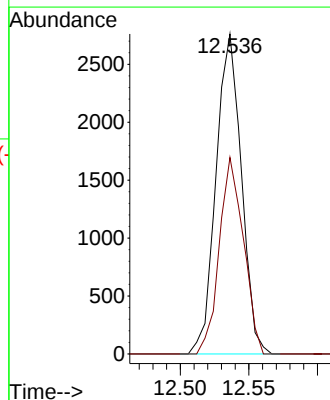
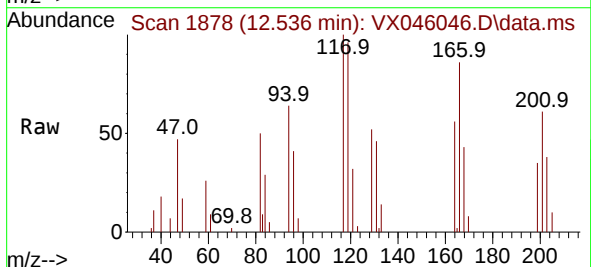
Delta R.T. -0.000 min

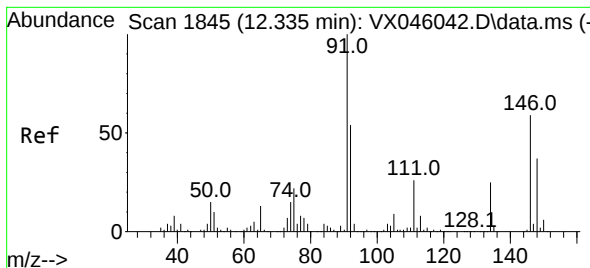
Lab File: VX046046.D

Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 3553

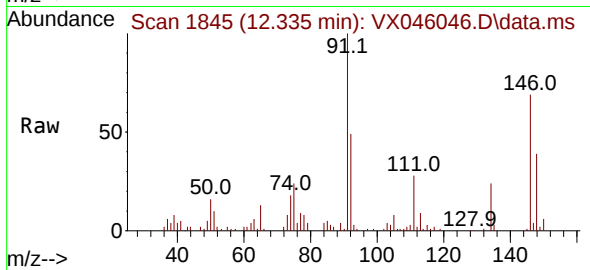
Ion	Ratio	Lower	Upper
117	100		
201	58.5	31.6	94.7





#91
1,2-Dichlorobenzene
Concen: 3.444 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

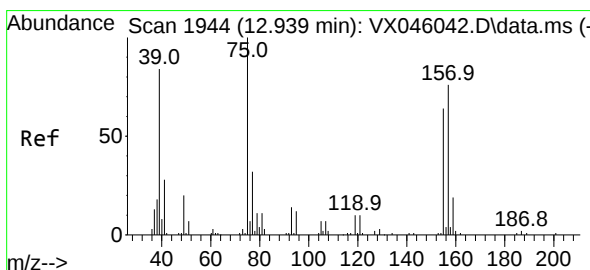
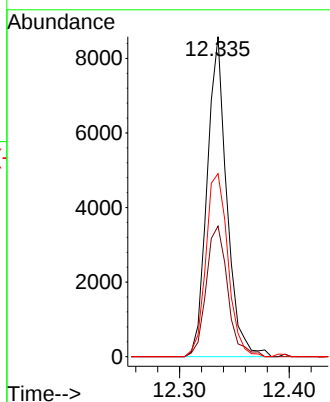
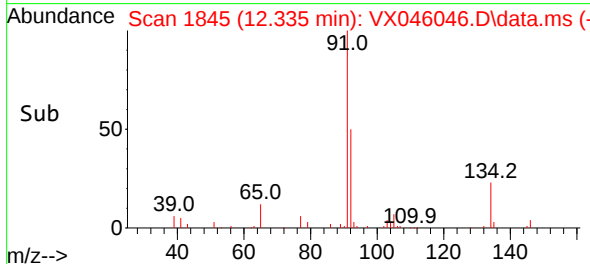
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



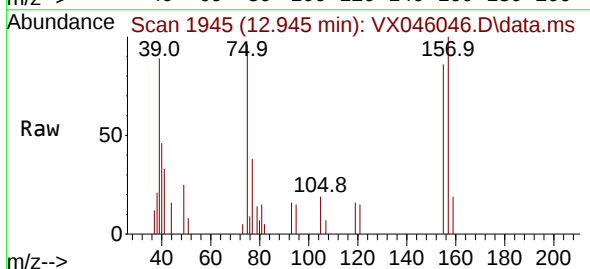
Tgt Ion:146 Resp: 10712
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.3
148 64.2 31.6 94.8

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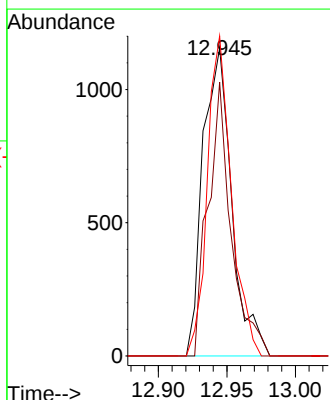
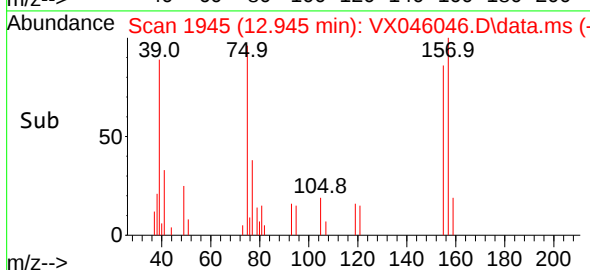
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

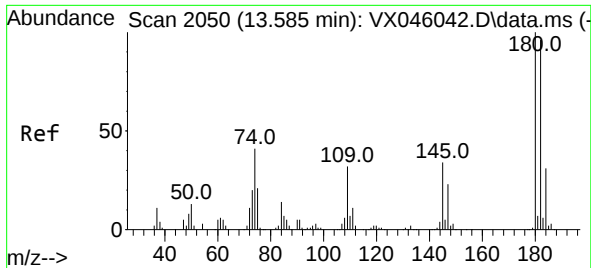


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.812 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



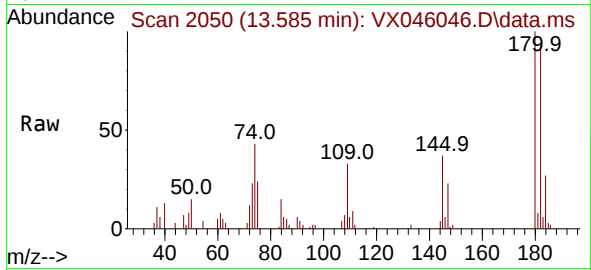
Tgt Ion: 75 Resp: 1687
Ion Ratio Lower Upper
75 100
155 71.7 34.9 104.8
157 87.0 43.8 131.4





#93
 1,2,4-Trichlorobenzene
 Concen: 3.359 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

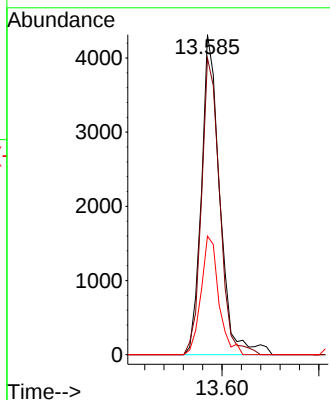
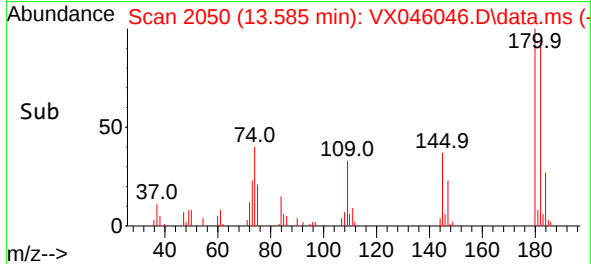
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



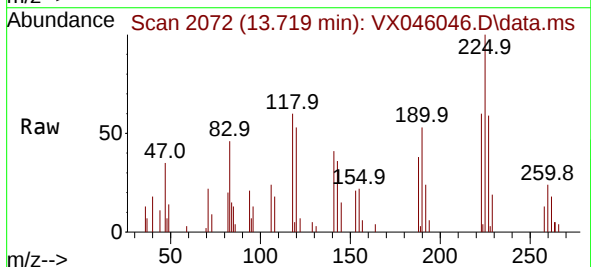
Tgt Ion:180 Resp: 5720
 Ion Ratio Lower Upper
 180 100
 182 91.6 47.9 143.8
 145 35.7 17.1 51.2

Manual Integrations
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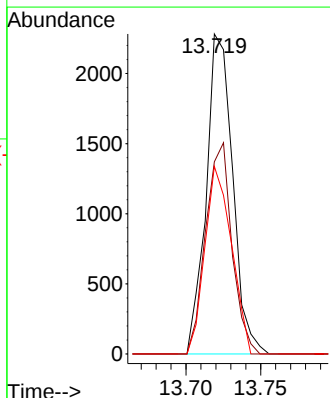
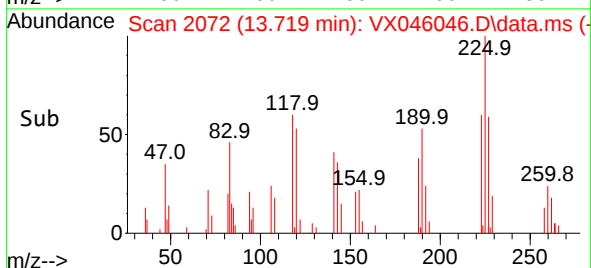
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

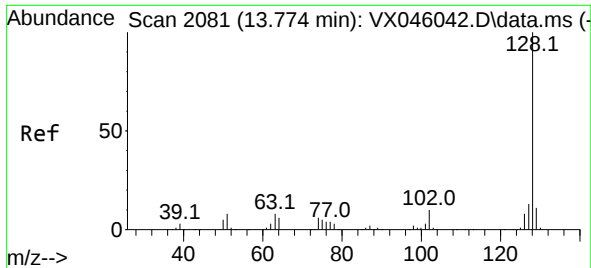


#94
 Hexachlorobutadiene
 Concen: 3.535 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04



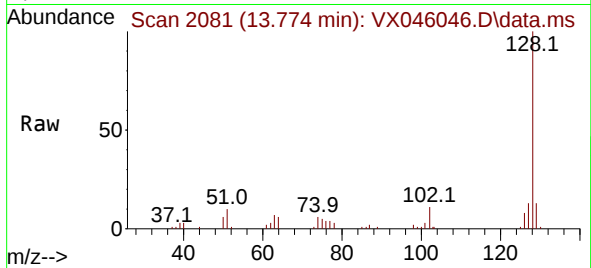
Tgt Ion:225 Resp: 2816
 Ion Ratio Lower Upper
 225 100
 223 65.1 30.8 92.4
 227 58.8 30.9 92.7





#95
Naphthalene
Concen: 3.209 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

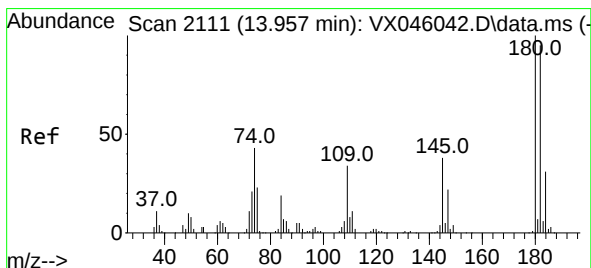
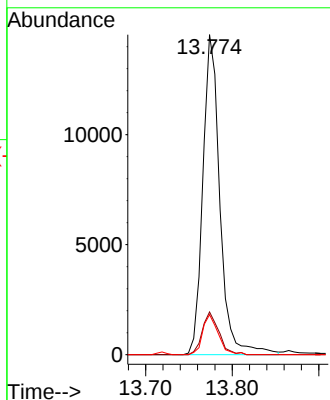
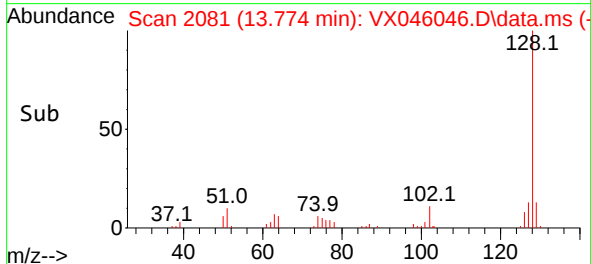
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



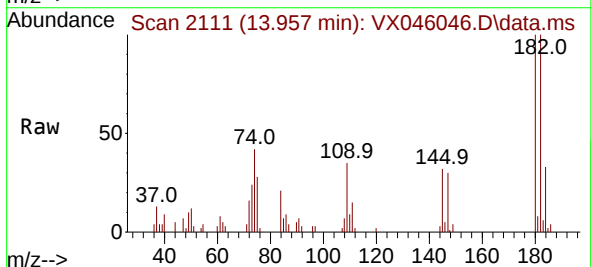
Tgt Ion:128 Resp: 1990
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.5 8.6 13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 3.217 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion:180 Resp: 5745
Ion Ratio Lower Upper
180 100
182 99.1 47.8 143.3
145 34.8 18.1 54.3

