

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045100.D
 Acq On : 03 Mar 2025 08:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2025
 Supervised By : Mahesh Dadoda 03/04/2025

Quant Time: Mar 04 05:16:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	110336	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	188916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78535	44.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.500%		
35) Dibromofluoromethane	5.373	113	60858	48.176	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.641	98	228601	49.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.079	95	79497	52.385	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76304	54.940	ug/l	98
3) Chloromethane	1.294	50	91333	53.736	ug/l	98
4) Vinyl Chloride	1.374	62	86098	51.063	ug/l	96
5) Bromomethane	1.593	94	34492	52.037	ug/l	97
6) Chloroethane	1.672	64	48810	62.760	ug/l	97
7) Trichlorofluoromethane	1.880	101	119695	53.624	ug/l	98
8) Diethyl Ether	2.130	74	44057	50.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	71981	56.131	ug/l	99
10) Methyl Iodide	2.447	142	85221	53.177	ug/l	99
11) Tert butyl alcohol	2.965	59	63333	190.512	ug/l	98
12) 1,1-Dichloroethene	2.312	96	69125	50.985	ug/l	97
13) Acrolein	2.233	56	83160	216.401	ug/l	99
14) Allyl chloride	2.660	41	127308	52.751	ug/l	97
15) Acrylonitrile	3.056	53	197379	221.534	ug/l	100
16) Acetone	2.373	43	202880	249.149	ug/l	97
17) Carbon Disulfide	2.508	76	194098	53.750	ug/l	97
18) Methyl Acetate	2.697	43	83486	42.618	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	222567	48.930	ug/l	97
20) Methylene Chloride	2.782	84	76690	47.545	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	69898	52.185	ug/l	96
22) Diisopropyl ether	3.751	45	248151	50.558	ug/l	91
23) Vinyl Acetate	3.709	43	1056619	257.967	ug/l	99
24) 1,1-Dichloroethane	3.599	63	134862	49.028	ug/l	99
25) 2-Butanone	4.544	43	280054	228.483	ug/l	98
26) 2,2-Dichloropropane	4.465	77	104804	81.229	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	82263	49.752	ug/l	95
28) Bromochloromethane	4.885	49	66902	51.026	ug/l	99
29) Tetrahydrofuran	4.995	42	169123	205.464	ug/l	100
30) Chloroform	5.080	83	133151	48.717	ug/l	100
31) Cyclohexane	5.464	56	125240	52.450	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	111844	50.666	ug/l	100
36) 1,1-Dichloropropene	5.684	75	93232	53.817	ug/l	99
37) Ethyl Acetate	4.696	43	101438	45.441	ug/l	99
38) Carbon Tetrachloride	5.666	117	97961	55.698	ug/l	94
39) Methylcyclohexane	7.373	83	124590	60.020	ug/l	97
40) Benzene	6.025	78	283933	51.902	ug/l	98

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Quant Time: Mar 04 05:16:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	57735	47.832	ug/l	98
42) 1,2-Dichloroethane	6.074	62	98234	49.867	ug/l	100
43) Isopropyl Acetate	6.330	43	165728	50.206	ug/l	99
44) Trichloroethene	7.117	130	67789	52.774	ug/l	99
45) 1,2-Dichloropropane	7.421	63	71127	50.569	ug/l	99
46) Dibromomethane	7.574	93	51508	51.811	ug/l	99
47) Bromodichloromethane	7.811	83	103145	52.895	ug/l	99
48) Methyl methacrylate	7.683	41	81543	49.240	ug/l	99
49) 1,4-Dioxane	7.653	88	33724	965.401	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	527249	237.886	ug/l	100
52) Toluene	8.714	92	171620	53.470	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	99191	60.846	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	112314	59.082	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	65000	49.192	ug/l	96
56) Ethyl methacrylate	9.110	69	105447	52.500	ug/l	99
57) 1,3-Dichloropropane	9.305	76	114030	49.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	263987	269.437	ug/l	99
59) 2-Hexanone	9.427	43	396897	247.153	ug/l	100
60) Dibromochloromethane	9.512	129	75321	54.518	ug/l	99
61) 1,2-Dibromoethane	9.604	107	67274	51.000	ug/l	99
64) Tetrachloroethene	9.269	164	56666	53.797	ug/l	96
65) Chlorobenzene	10.073	112	183860	52.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	61384	52.966	ug/l	98
67) Ethyl Benzene	10.189	91	328535	54.180	ug/l	99
68) m/p-Xylenes	10.299	106	243777	109.819	ug/l	99
69) o-Xylene	10.640	106	118940	53.126	ug/l	100
70) Styrene	10.652	104	202784	55.978	ug/l	100
71) Bromoform	10.799	173	49189	56.284	ug/l #	98
73) Isopropylbenzene	10.957	105	311255	51.893	ug/l	100
74) N-amyl acetate	10.841	43	147759	52.500	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	103046	46.816	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85705m	47.917	ug/l	
77) Bromobenzene	11.195	156	73426	51.884	ug/l	99
78) n-propylbenzene	11.299	91	369377	54.516	ug/l	100
79) 2-Chlorotoluene	11.360	91	218391	50.611	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	258263	53.251	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	29745	56.912	ug/l	99
82) 4-Chlorotoluene	11.451	91	249399	53.031	ug/l	99
83) tert-Butylbenzene	11.713	119	261634	52.504	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	261885	53.666	ug/l	100
85) sec-Butylbenzene	11.884	105	328305	55.000	ug/l	100
86) p-Isopropyltoluene	12.006	119	274625	56.930	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	134914	53.439	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	135078	52.885	ug/l	99
89) n-Butylbenzene	12.329	91	253261	60.957	ug/l	100
90) Hexachloroethane	12.536	117	47961	54.968	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	134345	53.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20011	46.667	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	83758	58.082	ug/l	99
94) Hexachlorobutadiene	13.719	225	34572	58.476	ug/l	99
95) Naphthalene	13.774	128	280556	50.637	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	81985	53.892	ug/l	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

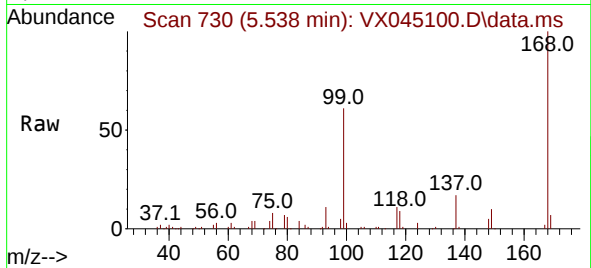
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

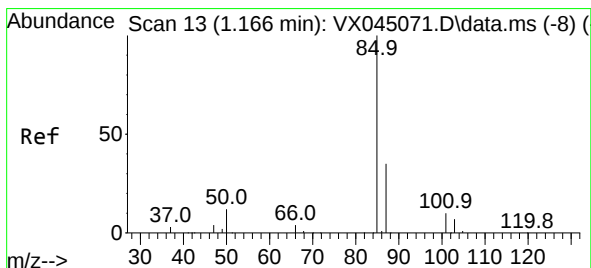
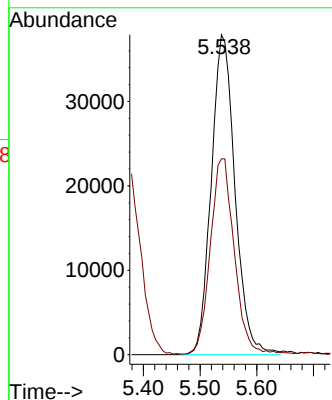
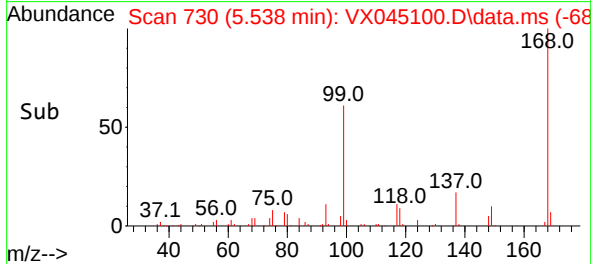
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 110330
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4

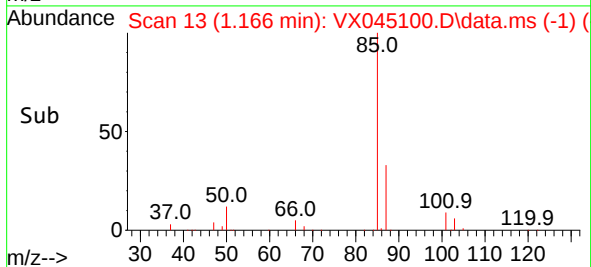
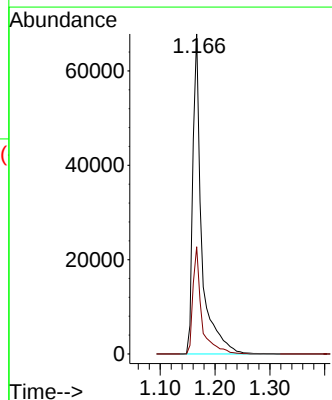
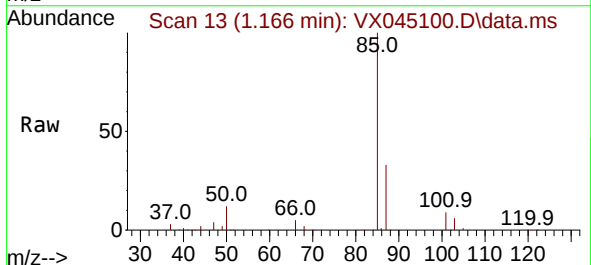
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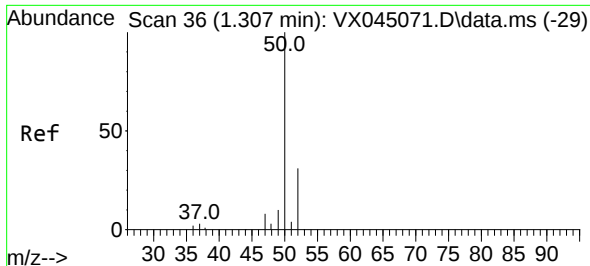
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#2
Dichlorodifluoromethane
Concen: 54.940 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

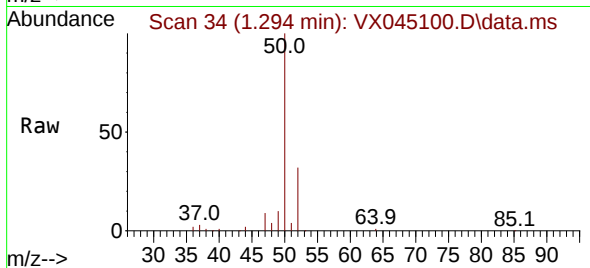
Tgt Ion: 85 Resp: 76304
Ion Ratio Lower Upper
85 100
87 33.5 17.4 52.3





#3
Chloromethane
Concen: 53.736 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

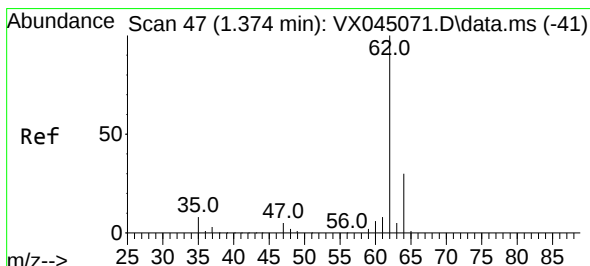
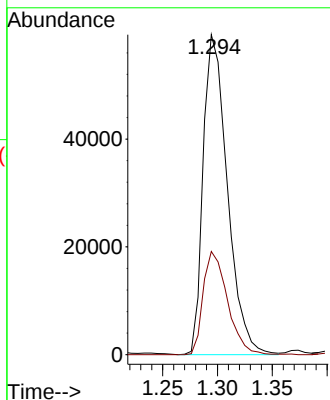
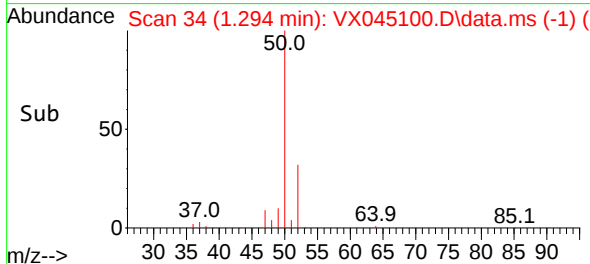
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 9133
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

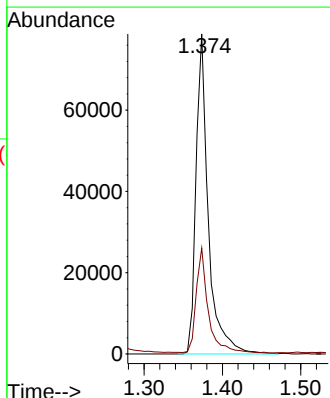
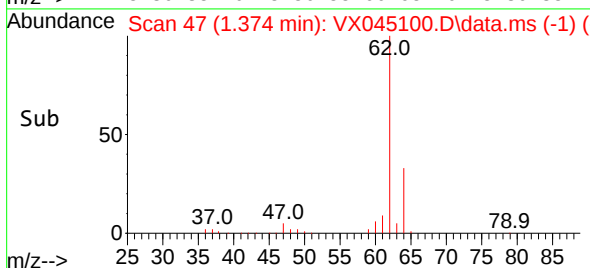
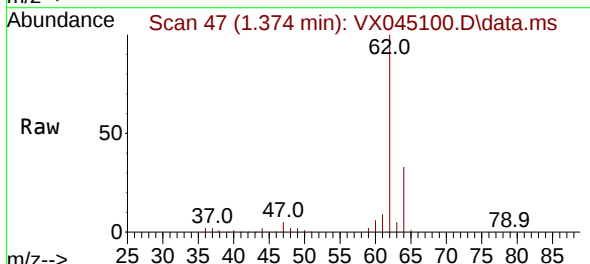
Manual Integrations
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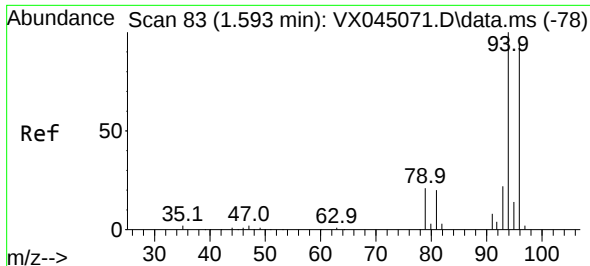
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#4
Vinyl Chloride
Concen: 51.063 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

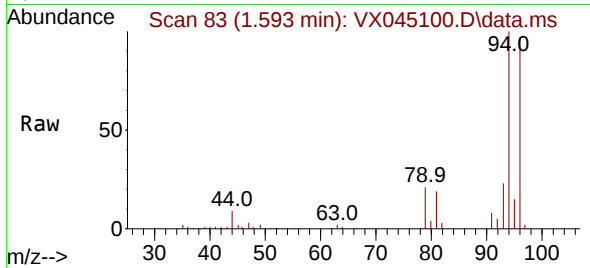
Tgt Ion: 62 Resp: 86098
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5





#5
 Bromomethane
 Concen: 52.037 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX045100.D
 Acq: 03 Mar 2025 08:47

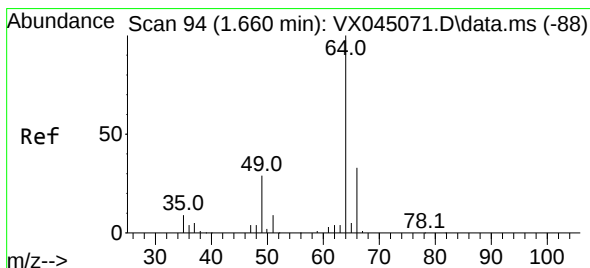
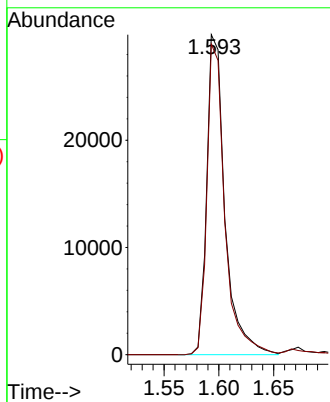
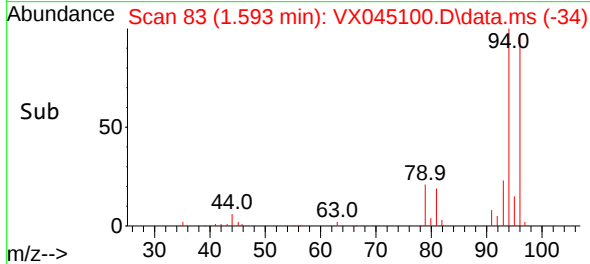
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 94 Resp: 34492
 Ion Ratio Lower Upper
 94 100
 96 97.1 75.0 112.4

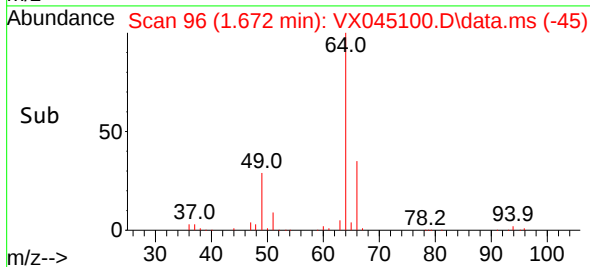
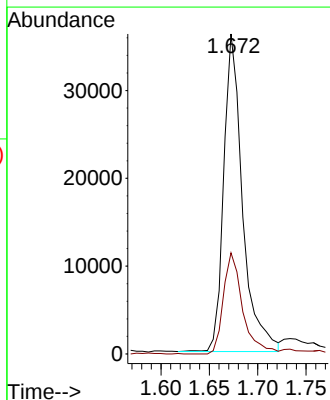
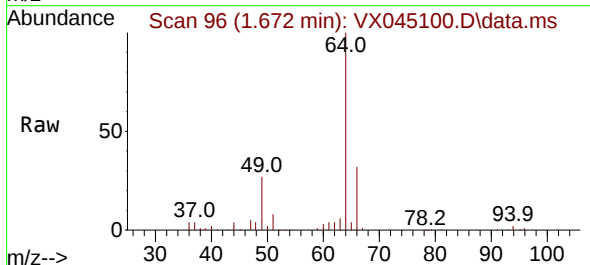
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#6
 Chloroethane
 Concen: 62.760 ug/l
 RT: 1.672 min Scan# 96
 Delta R.T. 0.012 min
 Lab File: VX045100.D
 Acq: 03 Mar 2025 08:47

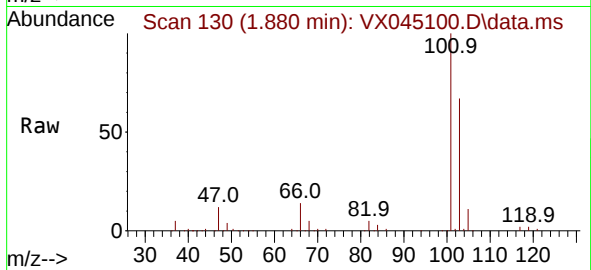
Tgt Ion: 64 Resp: 48810
 Ion Ratio Lower Upper
 64 100
 66 31.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 53.624 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

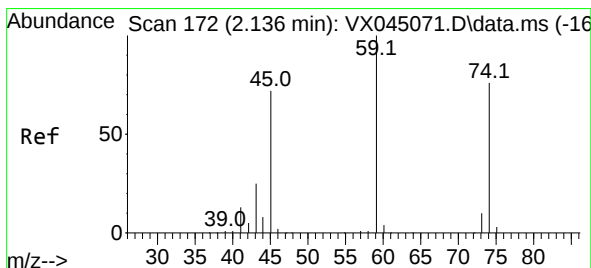
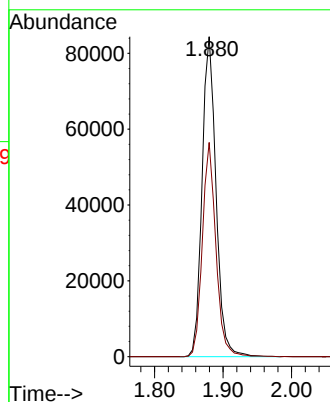
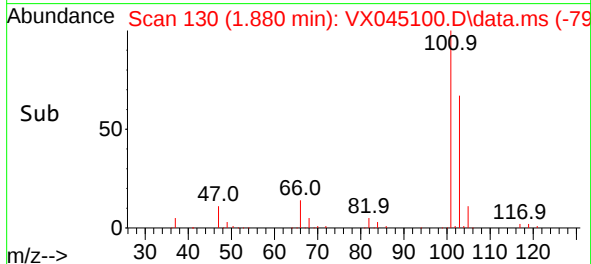
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11969
Ion Ratio Lower Upper
101 100
103 67.0 52.1 78.1

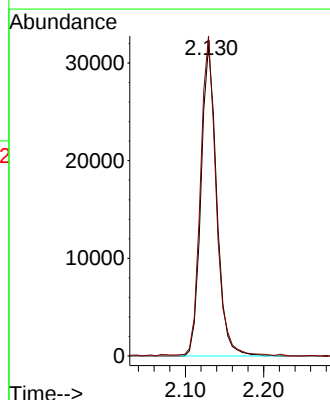
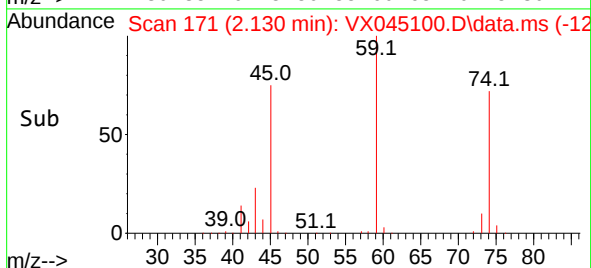
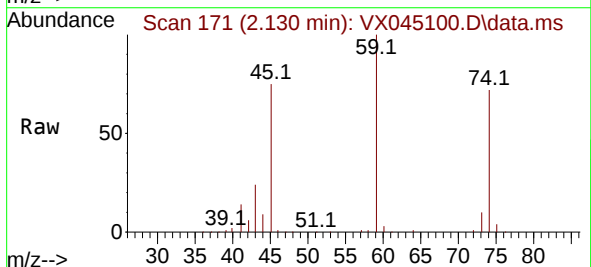
Manual Integrations
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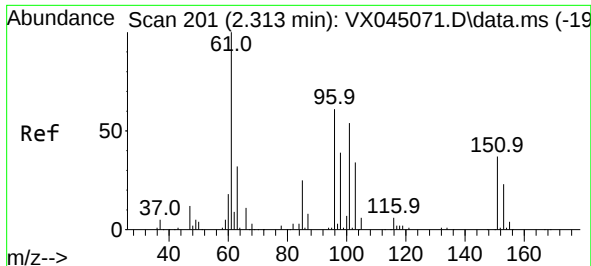
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#8
Diethyl Ether
Concen: 50.463 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 74 Resp: 44057
Ion Ratio Lower Upper
74 100
45 102.8 51.5 154.5





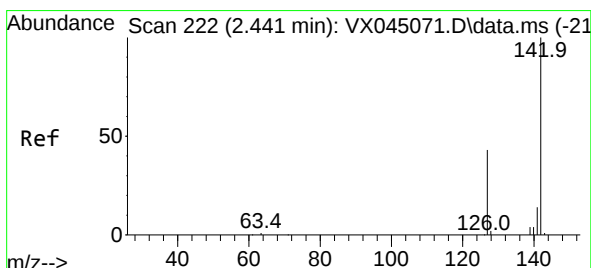
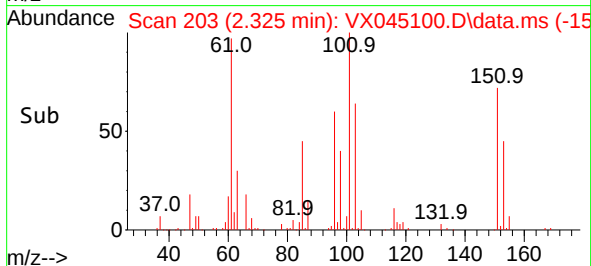
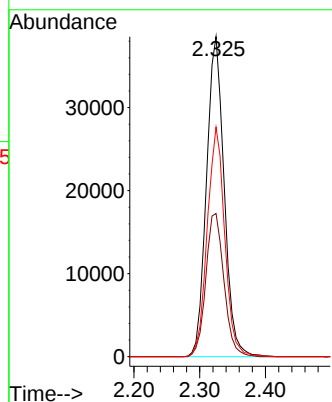
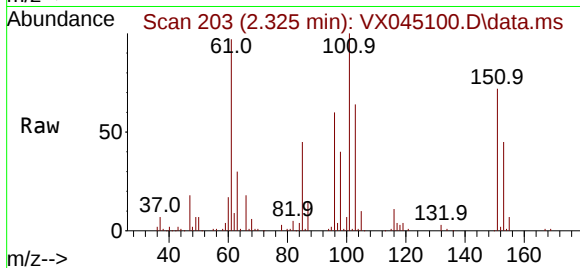
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.131 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

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Tgt Ion:101 Resp: 7198
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 71.0 56.4 84.6

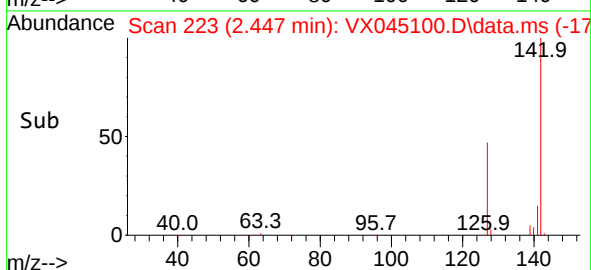
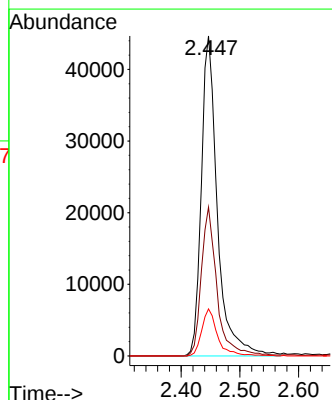
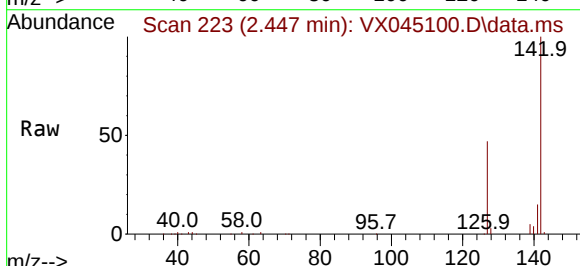
Manual Integrations
APPROVED

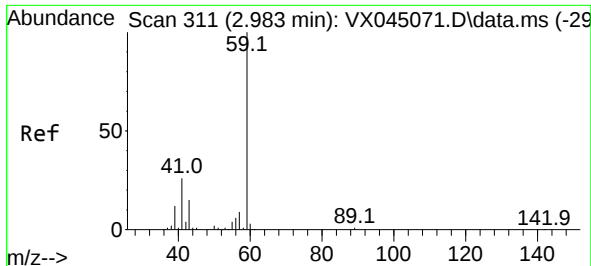
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#10
Methyl Iodide
Concen: 53.177 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion:142 Resp: 85221
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 14.5 11.6 17.4





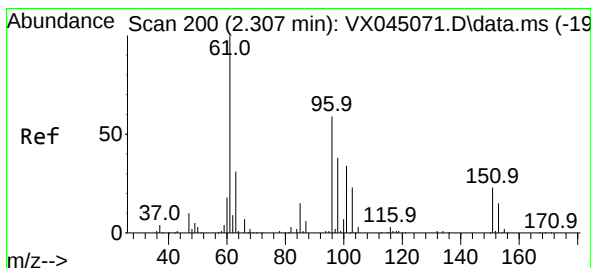
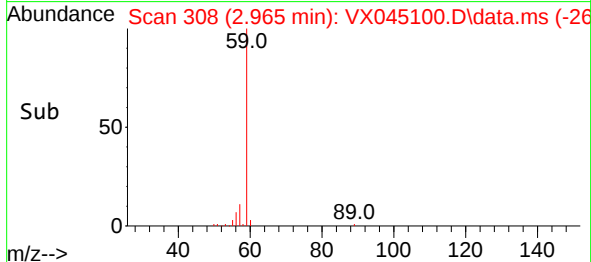
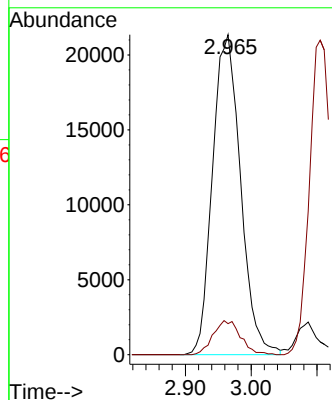
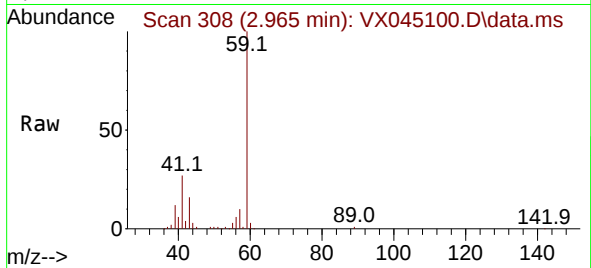
#11
Tert butyl alcohol
Concen: 190.512 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 6333
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

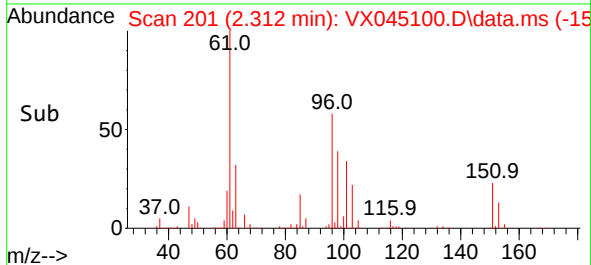
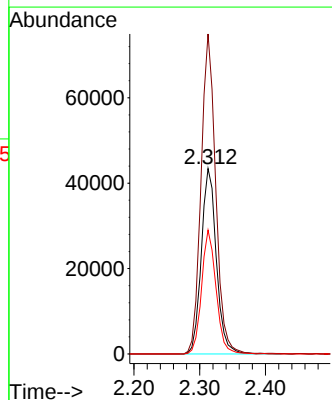
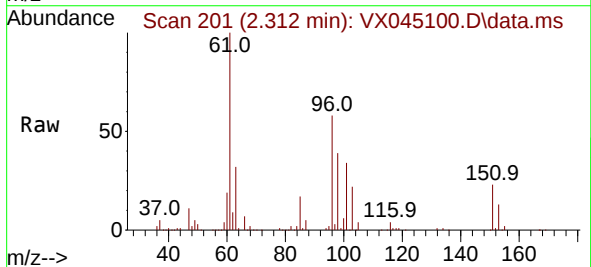
Manual Integrations
APPROVED

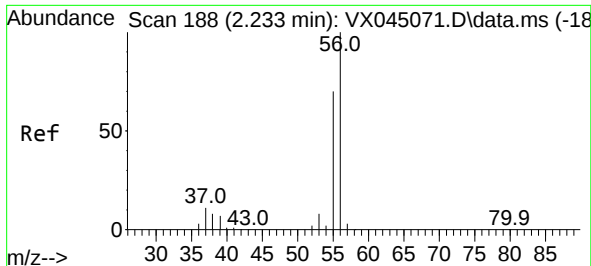
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#12
1,1-Dichloroethene
Concen: 50.985 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

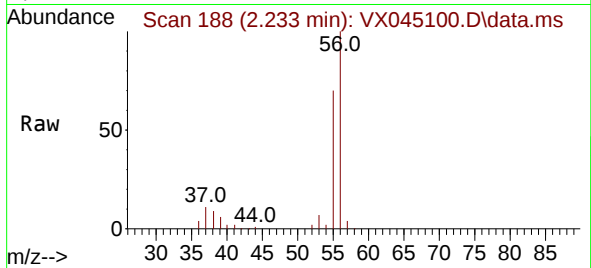
Tgt Ion: 96 Resp: 69125
Ion Ratio Lower Upper
96 100
61 172.6 134.6 202.0
98 66.8 51.0 76.6





#13
Acrolein
Concen: 216.401 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

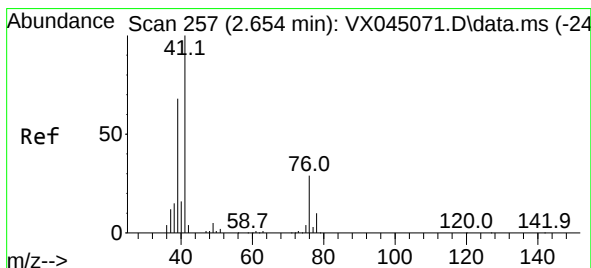
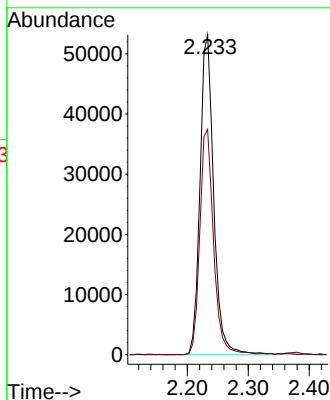
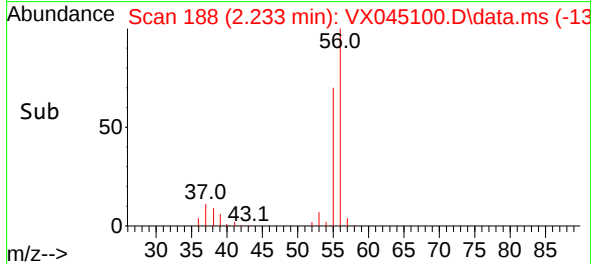
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 83160
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.4

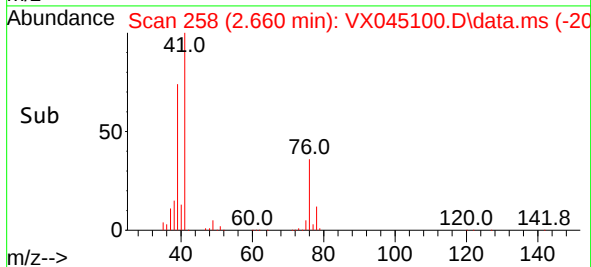
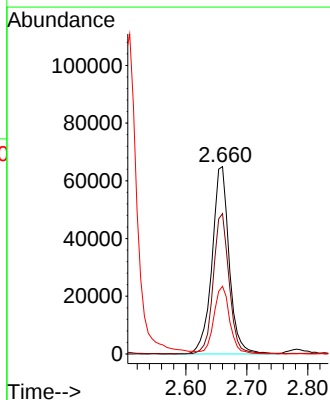
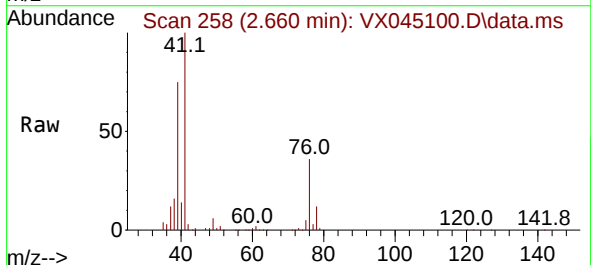
Manual Integrations
APPROVED

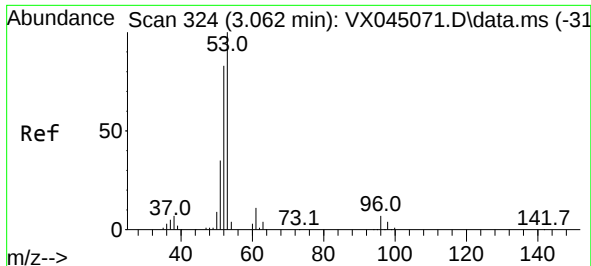
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#14
Allyl chloride
Concen: 52.751 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

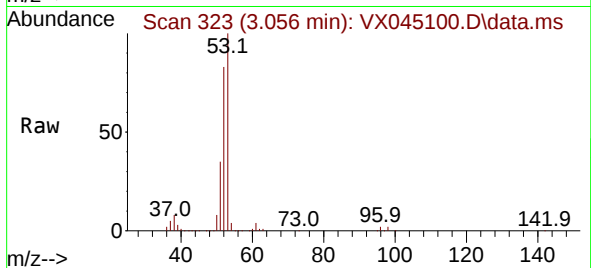
Tgt Ion: 41 Resp: 127308
Ion Ratio Lower Upper
41 100
39 68.9 53.8 80.8
76 33.5 25.2 37.8





#15
Acrylonitrile
Concen: 221.534 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

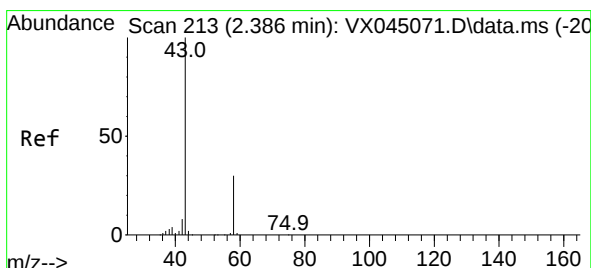
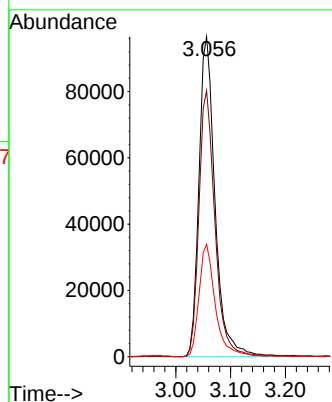
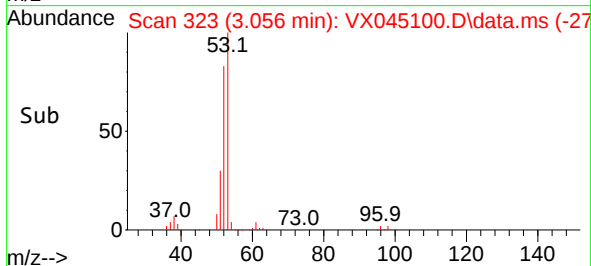
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 197379
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.8 29.0 43.4

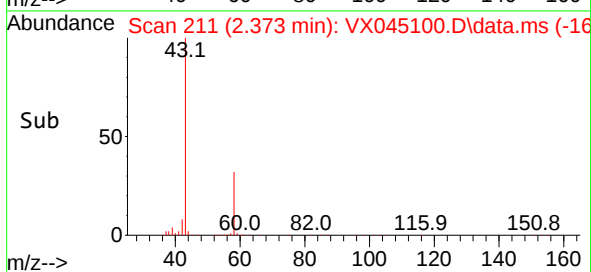
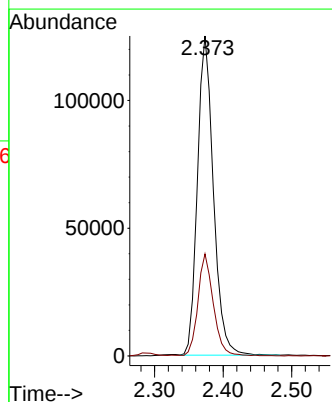
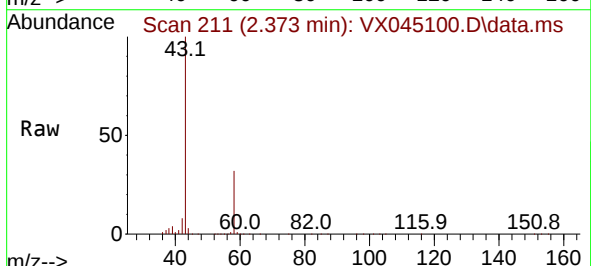
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#16
Acetone
Concen: 249.149 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

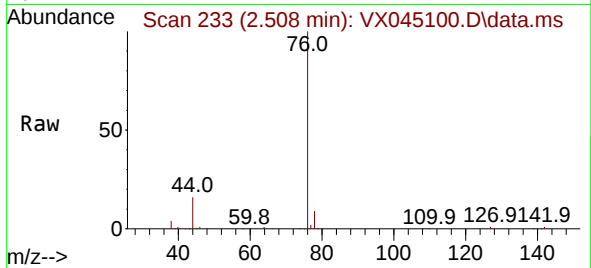
Tgt Ion: 43 Resp: 202880
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.4





#17
Carbon Disulfide
Concen: 53.750 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

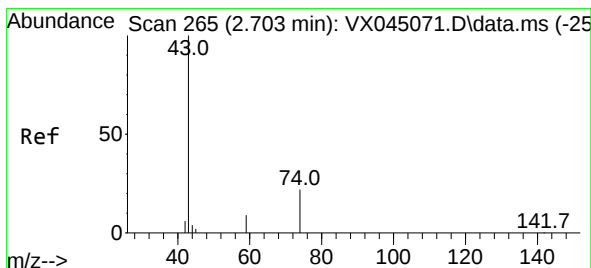
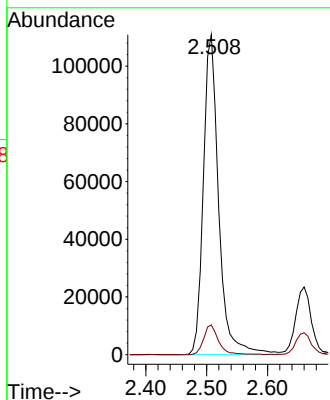
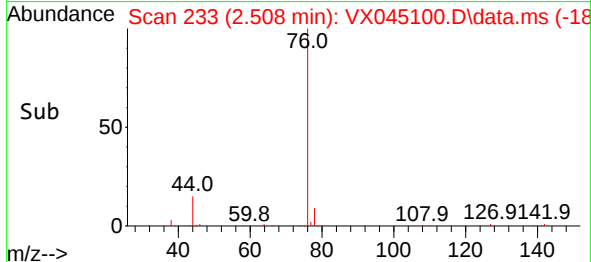
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 194098
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8

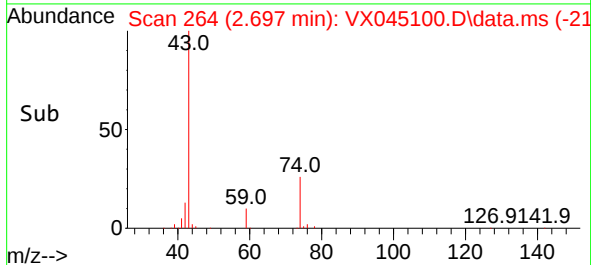
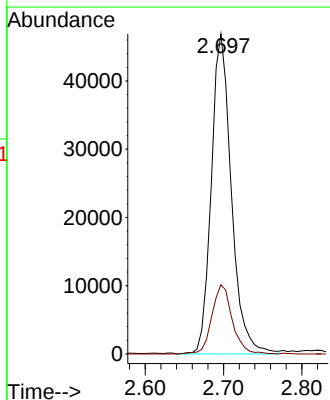
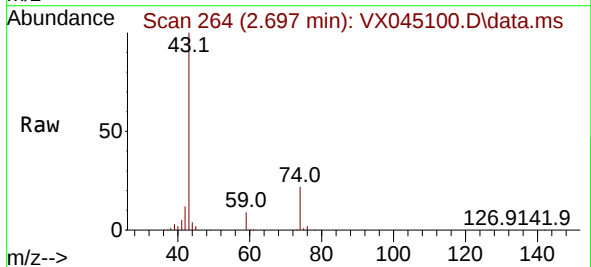
Manual Integrations
APPROVED

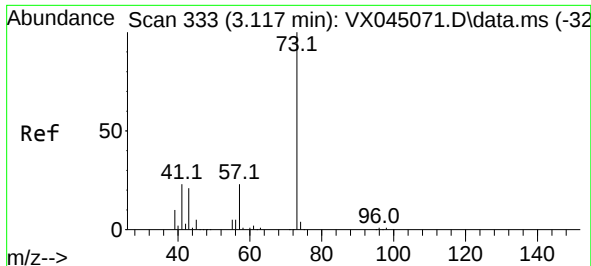
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#18
Methyl Acetate
Concen: 42.618 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

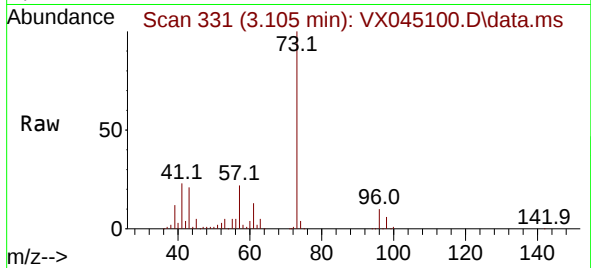
Tgt Ion: 43 Resp: 83486
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 48.930 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

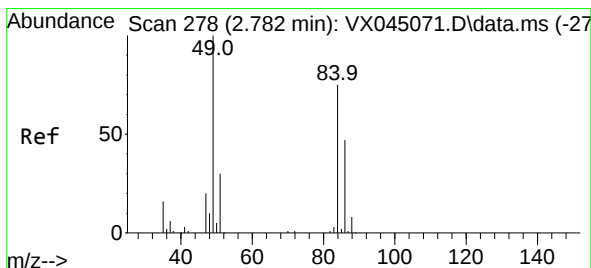
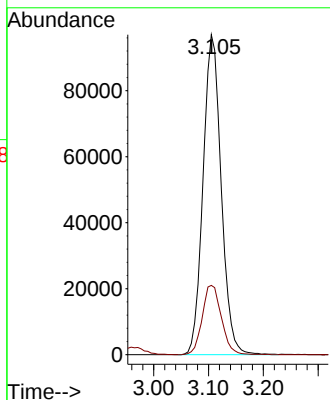
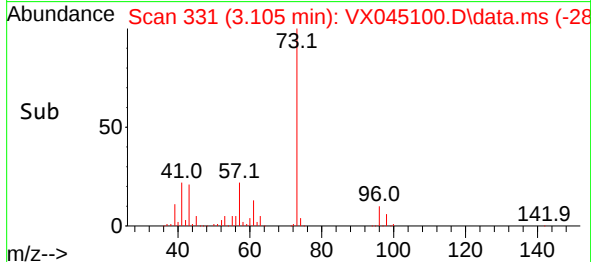
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 22256
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7

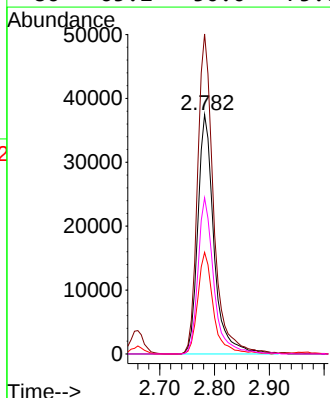
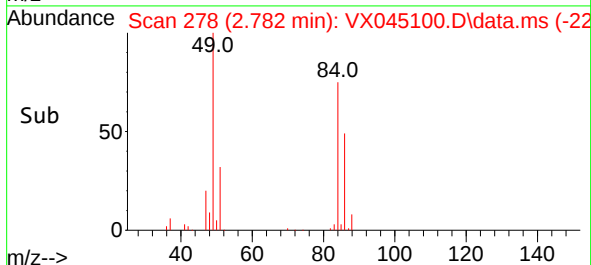
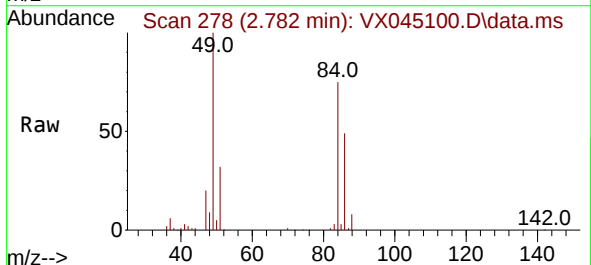
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#20
Methylene Chloride
Concen: 47.545 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

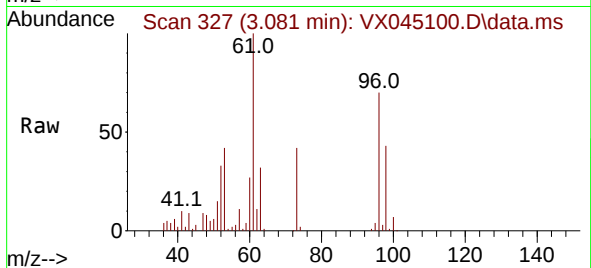
Tgt Ion: 84 Resp: 76690
Ion Ratio Lower Upper
84 100
49 133.7 106.5 159.7
51 42.4 32.1 48.1
86 65.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 52.185 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

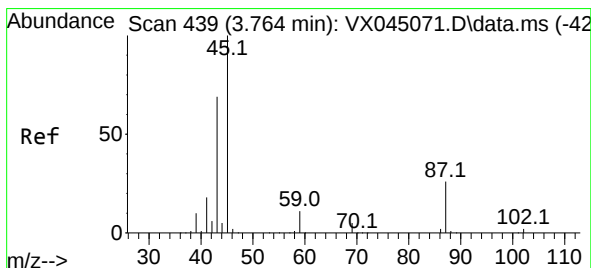
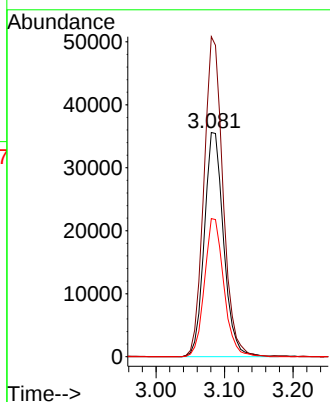
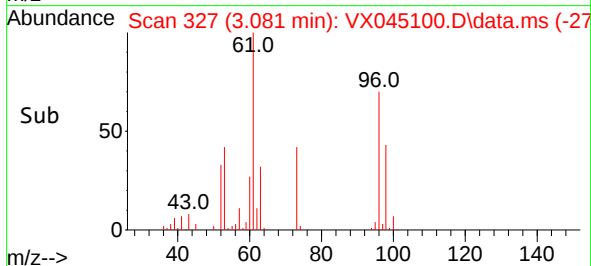
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 69898
Ion Ratio Lower Upper
96 100
61 142.7 117.0 175.4
98 61.6 53.4 80.2

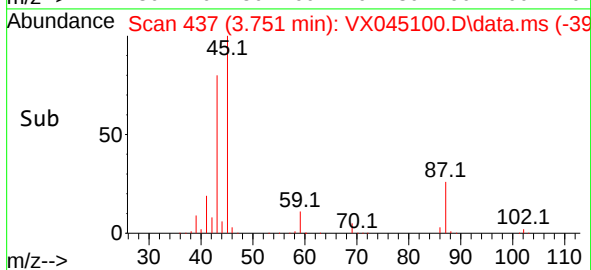
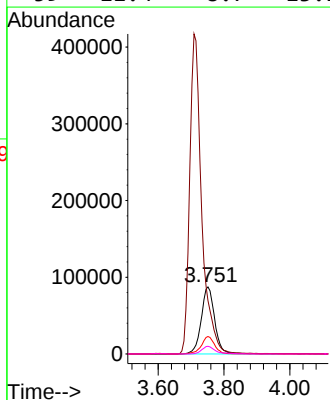
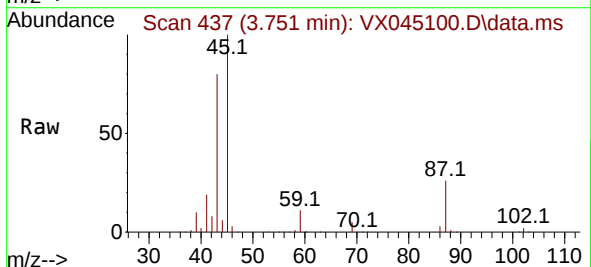
Manual Integrations
APPROVED

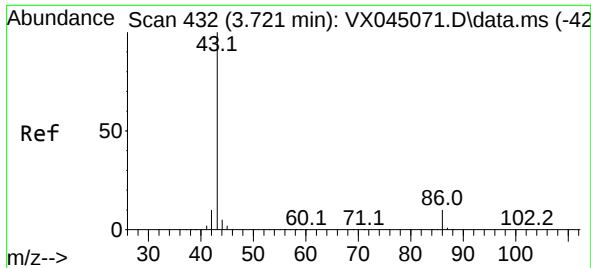
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#22
Diisopropyl ether
Concen: 50.558 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 45 Resp: 248151
Ion Ratio Lower Upper
45 100
43 79.6 54.9 82.3
87 26.1 21.0 31.4
59 11.4 8.7 13.1





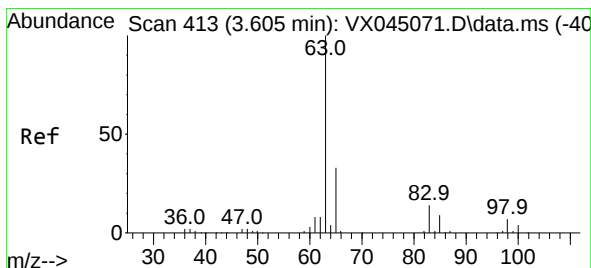
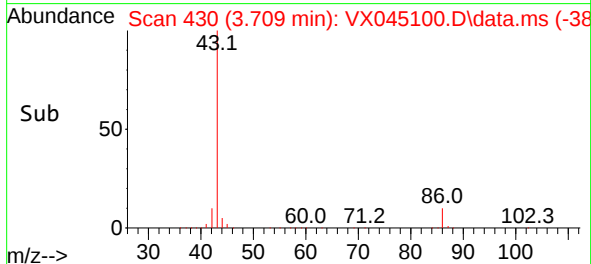
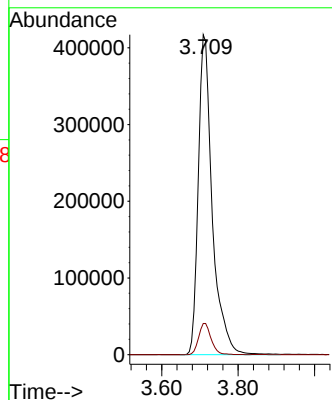
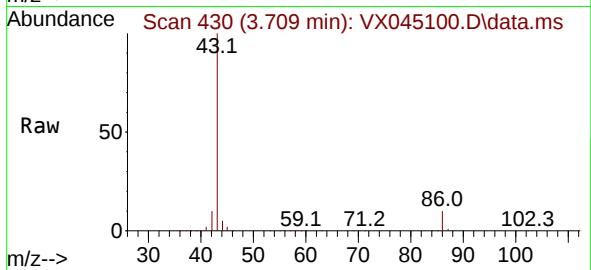
#23
 Vinyl Acetate
 Concen: 257.967 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX045100.D
 Acq: 03 Mar 2025 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1056619
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

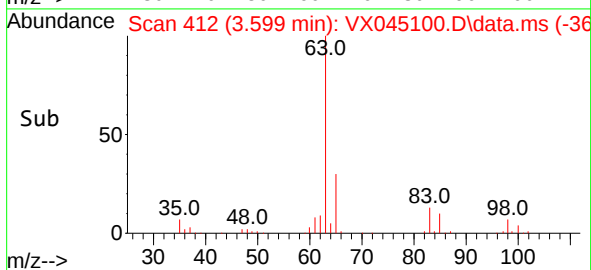
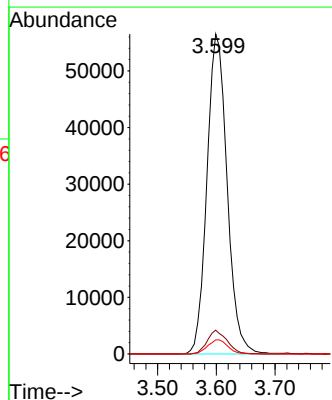
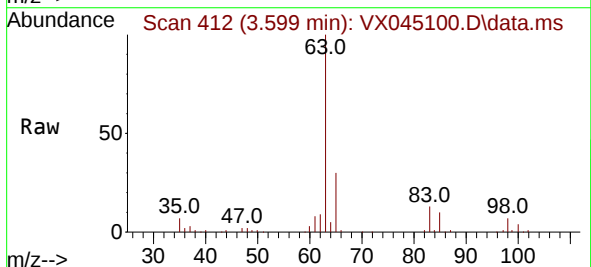
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/04/2025
 Supervised By :Mahesh Dadoda 03/04/2025



#24
 1,1-Dichloroethane
 Concen: 49.028 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045100.D
 Acq: 03 Mar 2025 08:47

Tgt Ion: 63 Resp: 134862
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.4 2.1 6.5





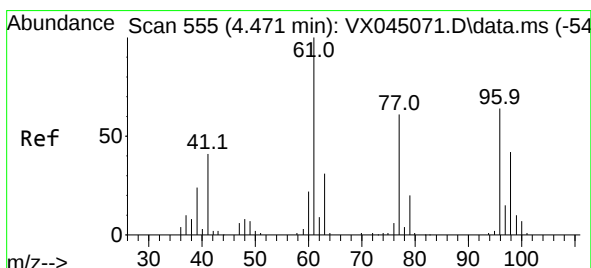
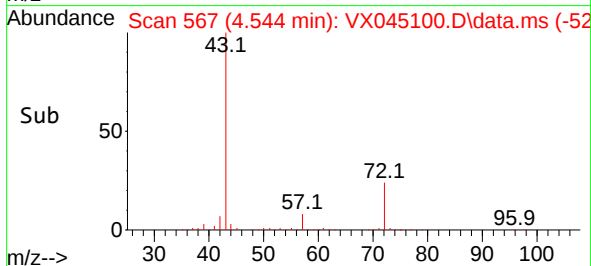
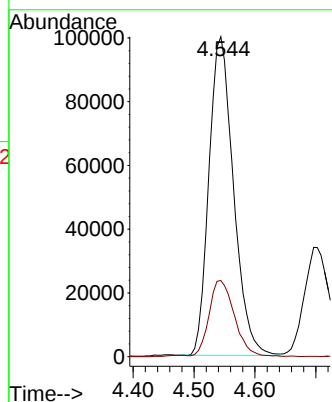
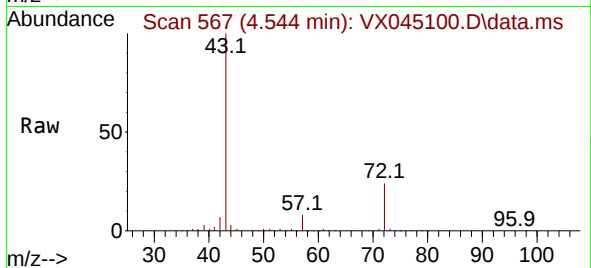
#25
2-Butanone
Concen: 228.483 ug/l
RT: 4.544 min Scan# 510
Delta R.T. -0.018 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 280054
Ion Ratio Lower Upper
43 100
72 23.8 20.0 30.0

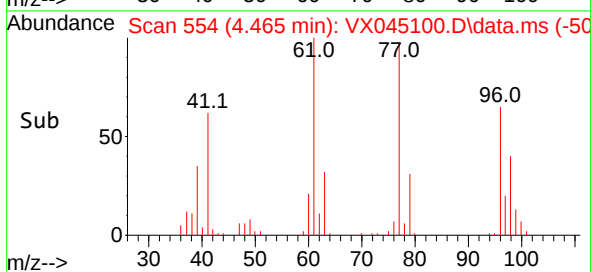
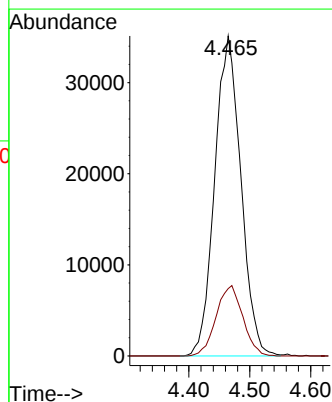
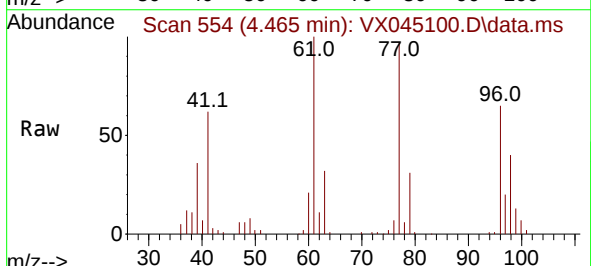
Manual Integrations
APPROVED

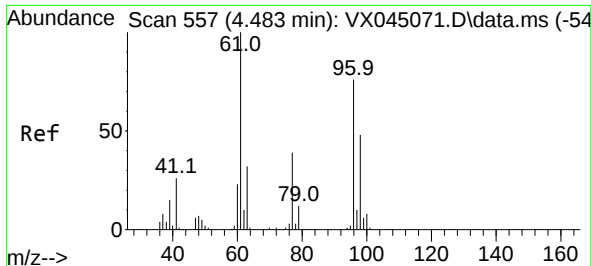
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#26
2,2-Dichloropropane
Concen: 81.229 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 77 Resp: 104804
Ion Ratio Lower Upper
77 100
97 22.4 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 49.752 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8226

Ion Ratio Lower Upper

96 100

61 149.7 0.0 283.2

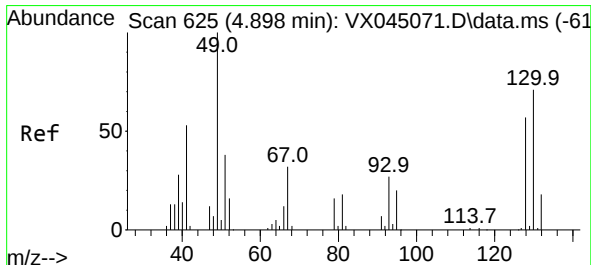
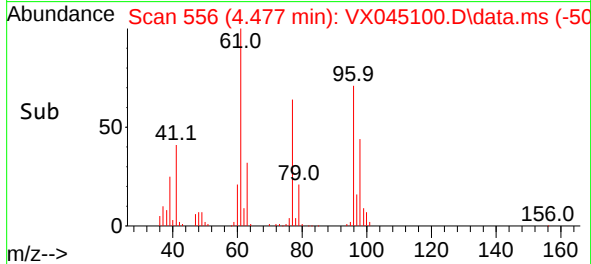
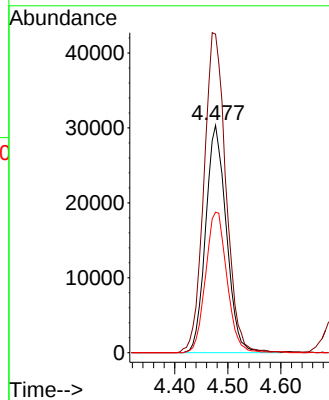
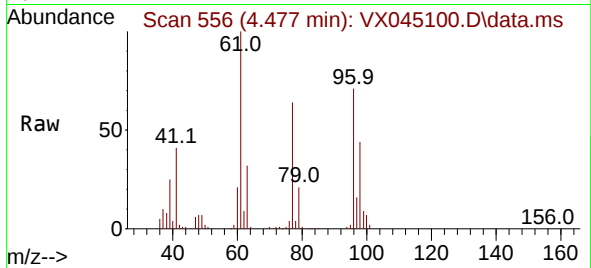
98 63.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#28

Bromochloromethane

Concen: 51.026 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

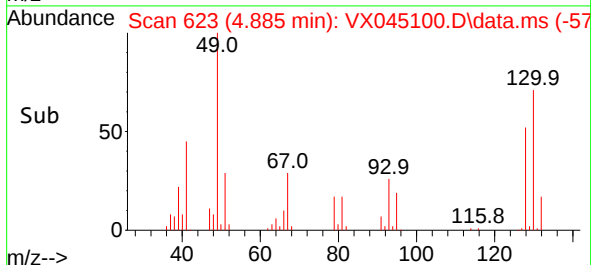
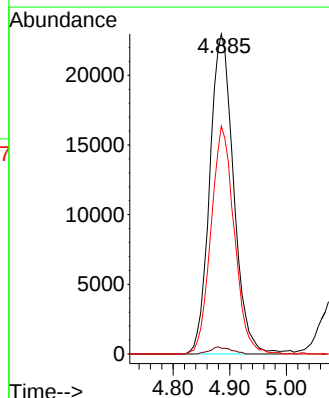
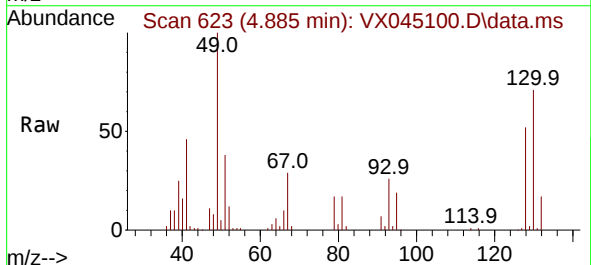
Tgt Ion: 49 Resp: 66902

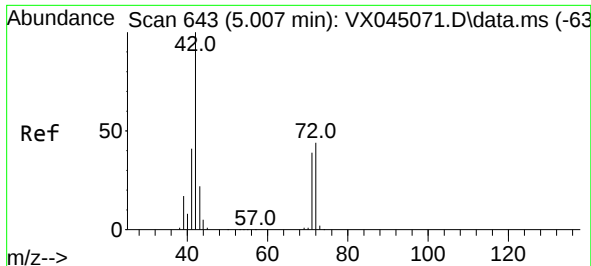
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

130 69.5 56.1 84.1





#29

Tetrahydrofuran

Concen: 205.464 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16912

Ion Ratio Lower Upper

42 100

72 42.7 34.1 51.1

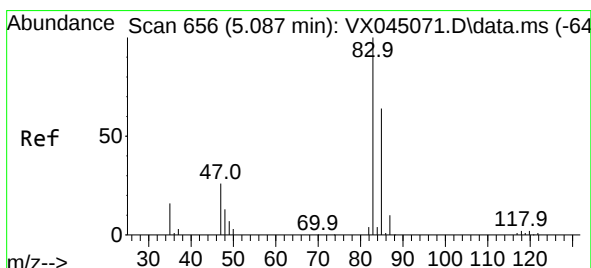
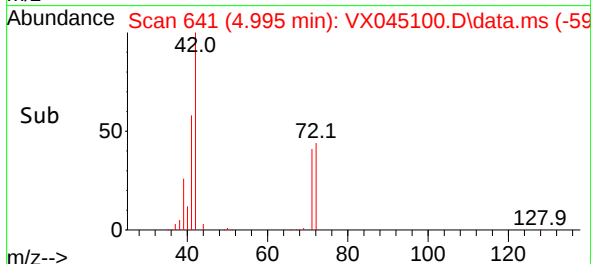
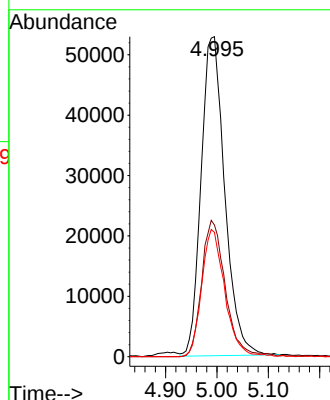
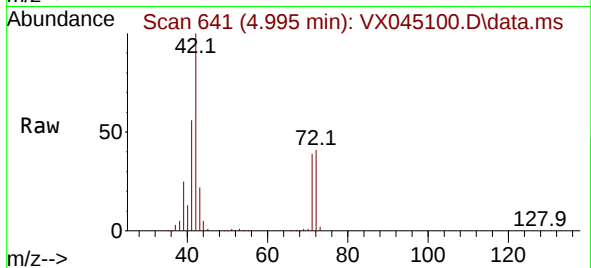
71 38.8 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#30

Chloroform

Concen: 48.717 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045100.D

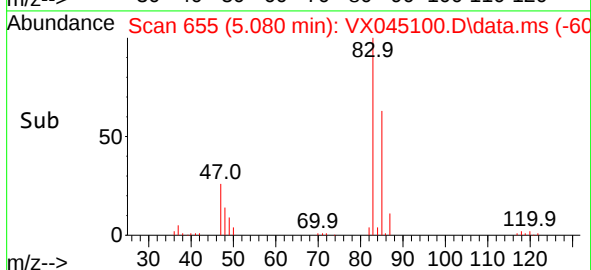
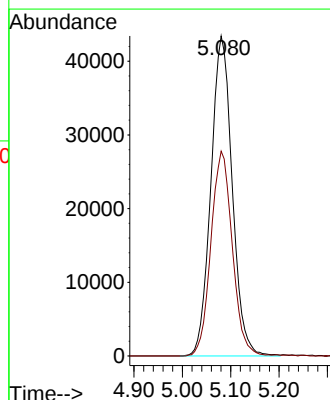
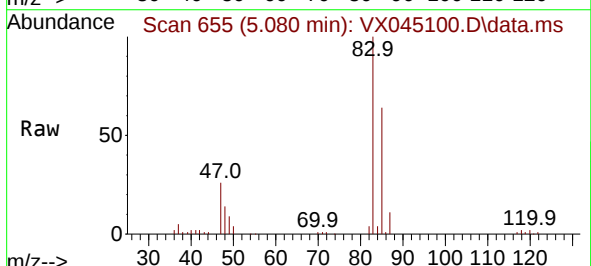
Acq: 03 Mar 2025 08:47

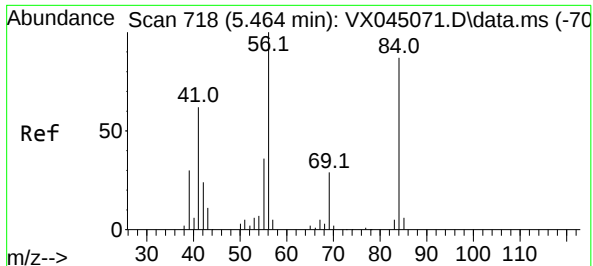
Tgt Ion: 83 Resp: 133151

Ion Ratio Lower Upper

83 100

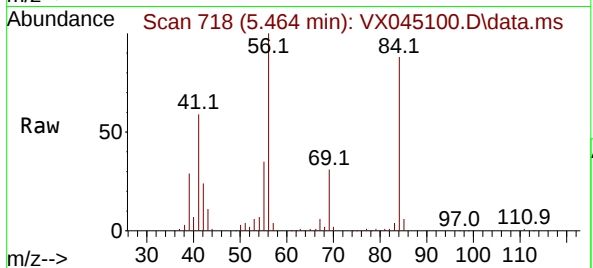
85 64.0 51.4 77.2





#31
Cyclohexane
Concen: 52.450 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

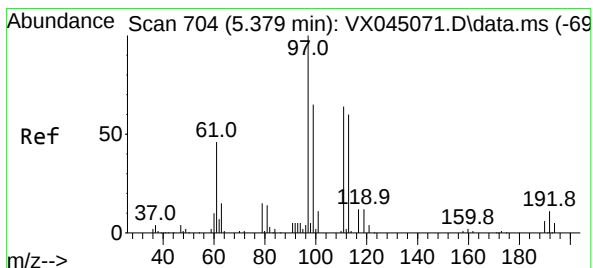
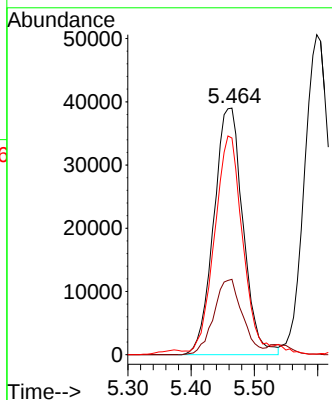
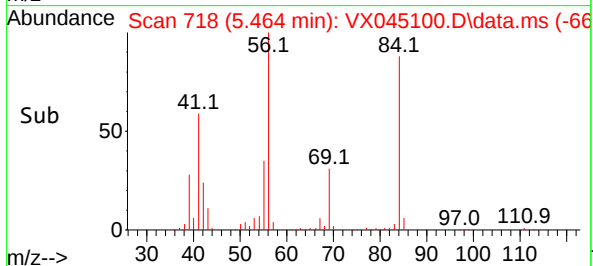
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 125240
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 86.1 69.4 104.2

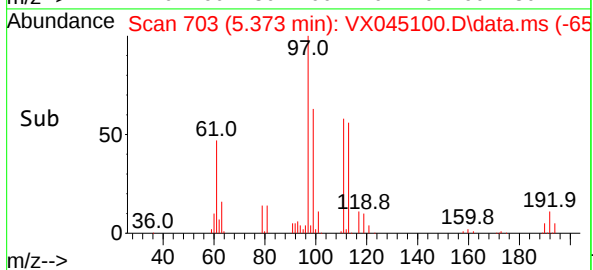
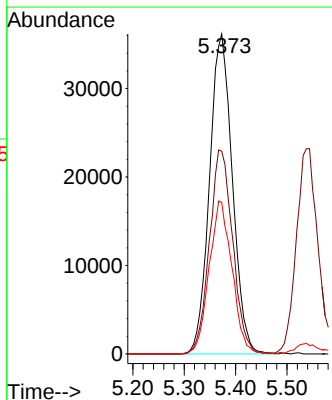
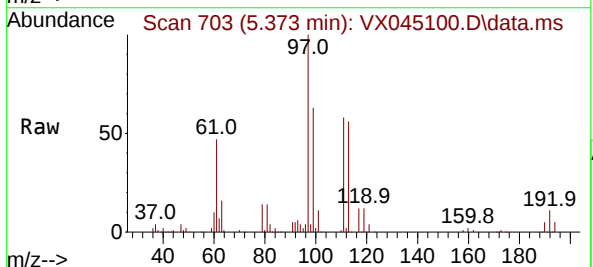
Manual Integrations
APPROVED

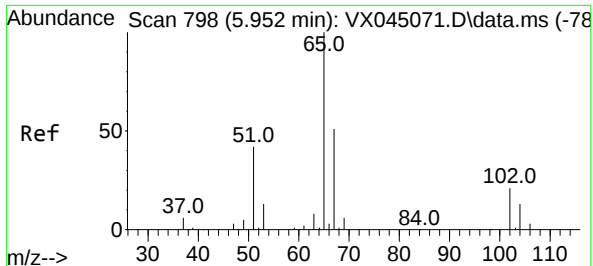
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#32
1,1,1-Trichloroethane
Concen: 50.666 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 97 Resp: 111844
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 47.8 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 44.748 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7853

Ion Ratio Lower Upper

65 100

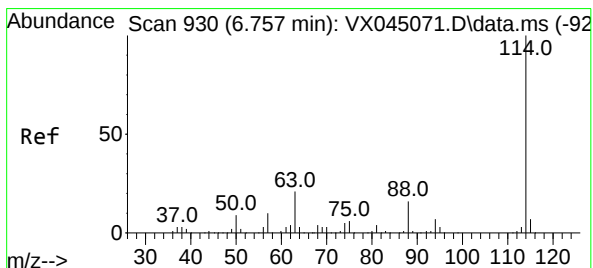
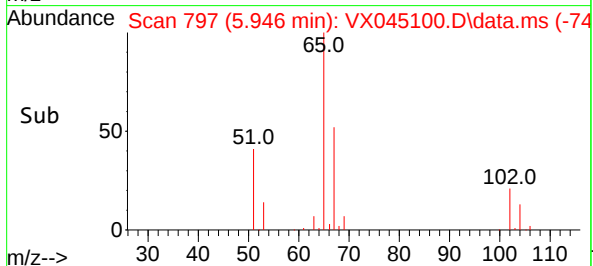
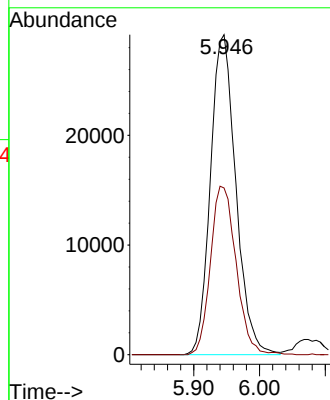
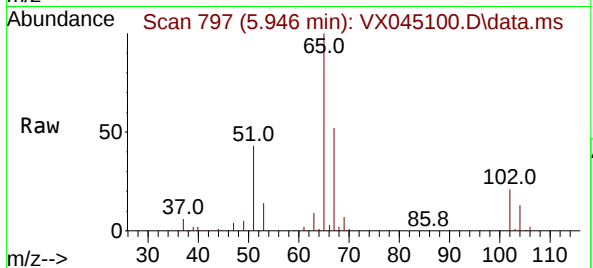
67 53.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

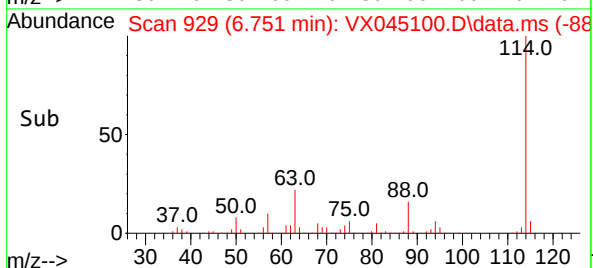
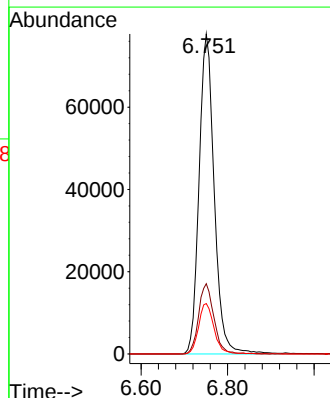
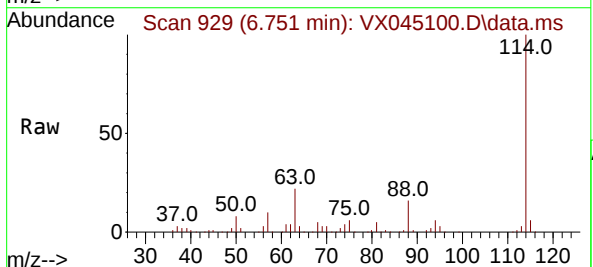
Tgt Ion:114 Resp: 188916

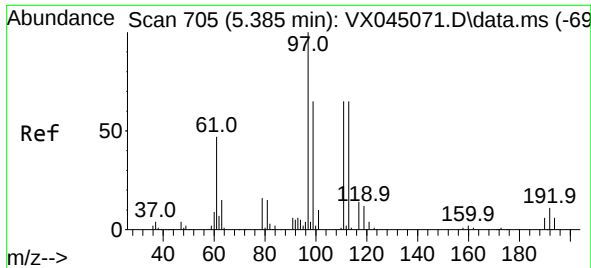
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

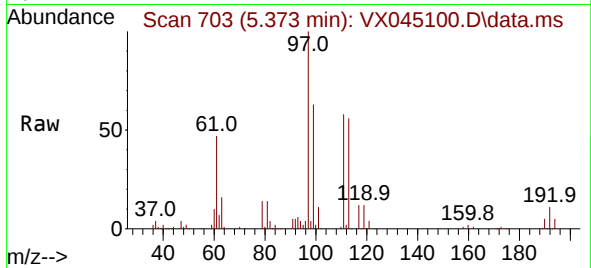
88 15.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.176 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

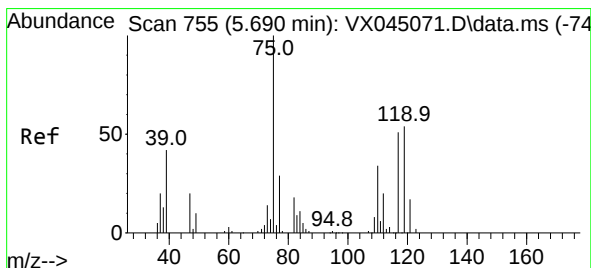
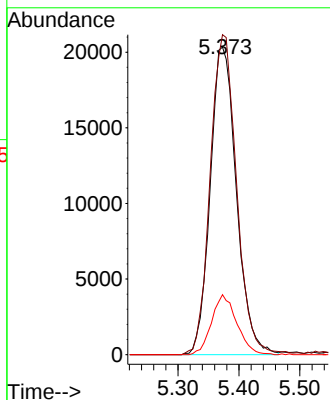
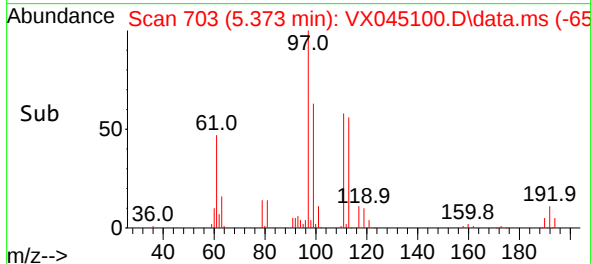
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 6085
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.6
192 18.7 14.3 21.5

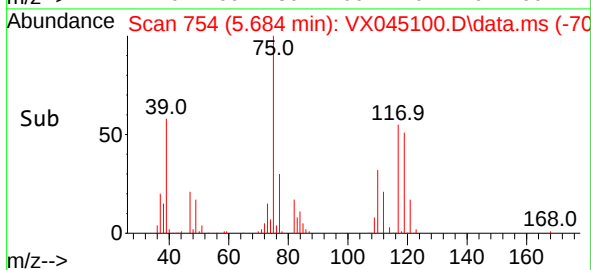
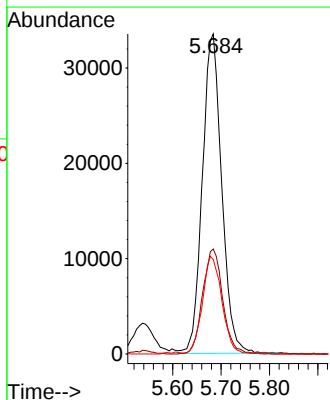
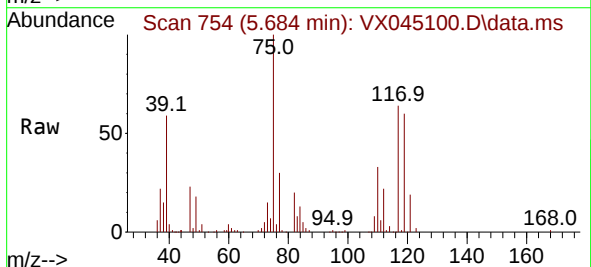
Manual Integrations
APPROVED

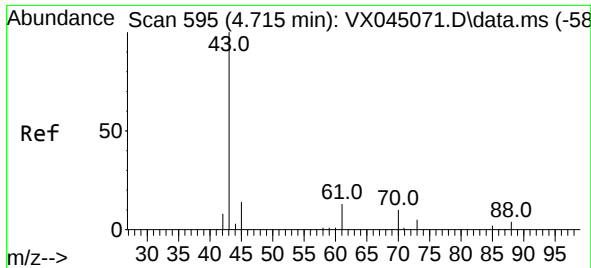
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#36
1,1-Dichloropropene
Concen: 53.817 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 75 Resp: 93232
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.6
77 30.8 24.5 36.7





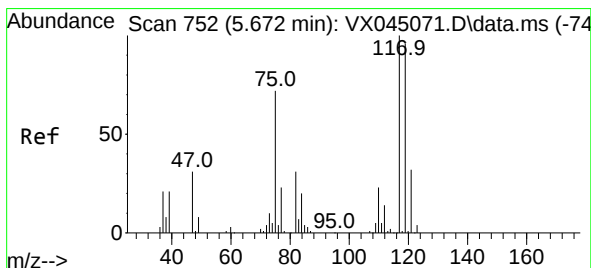
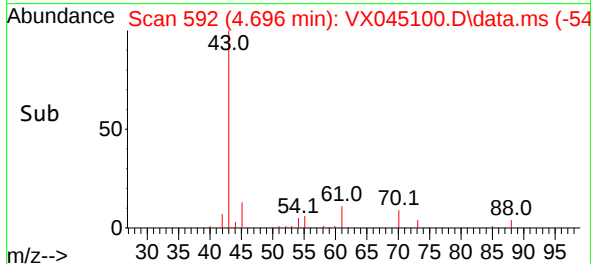
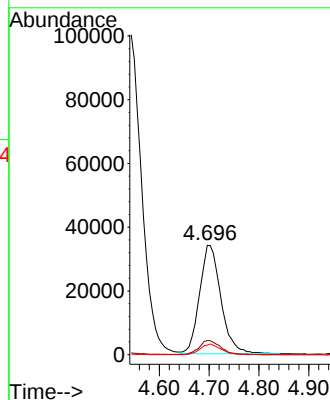
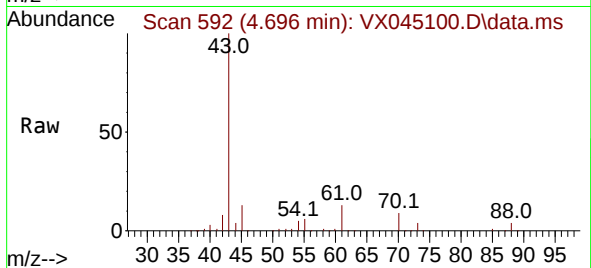
#37
Ethyl Acetate
Concen: 45.441 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.018 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 101438
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 9.3 7.7 11.5

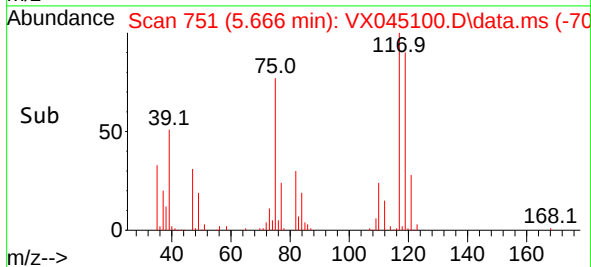
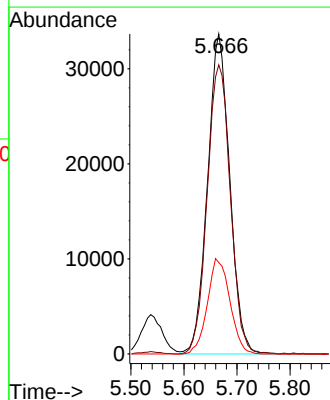
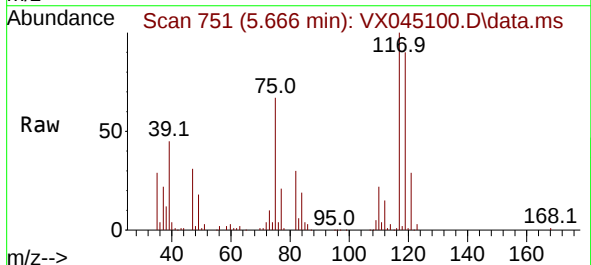
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#38
Carbon Tetrachloride
Concen: 55.698 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion:117 Resp: 97961
Ion Ratio Lower Upper
117 100
119 90.4 76.7 115.1
121 28.6 25.5 38.3





#39

Methylcyclohexane

Concen: 60.020 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 124590

Ion Ratio Lower Upper

83 100

55 76.0 63.0 94.4

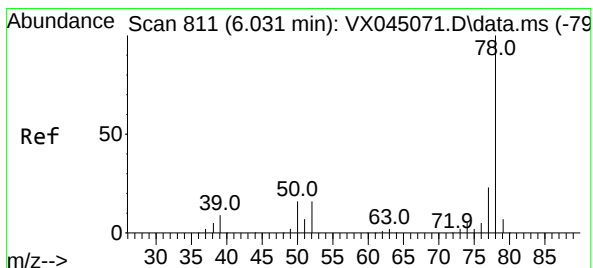
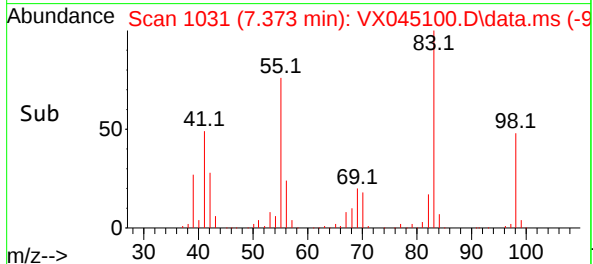
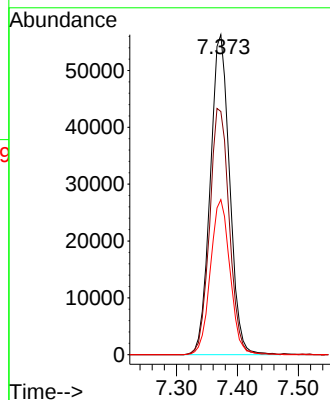
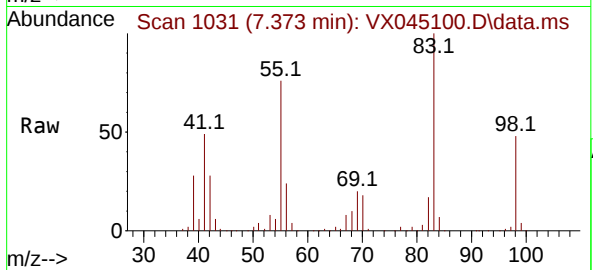
98 48.4 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#40

Benzene

Concen: 51.902 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045100.D

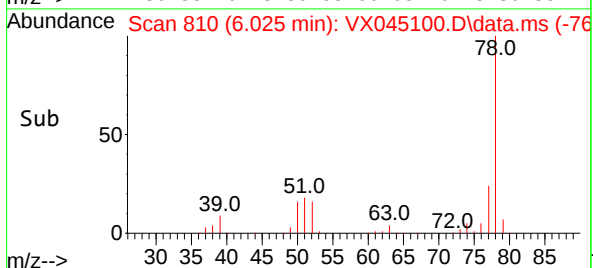
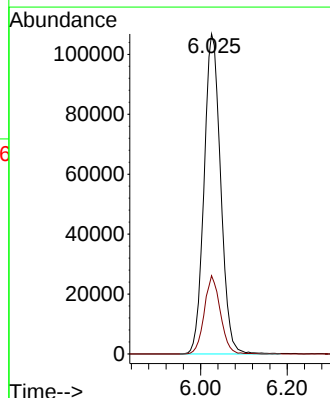
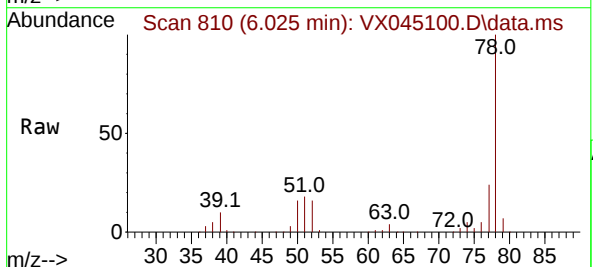
Acq: 03 Mar 2025 08:47

Tgt Ion: 78 Resp: 283933

Ion Ratio Lower Upper

78 100

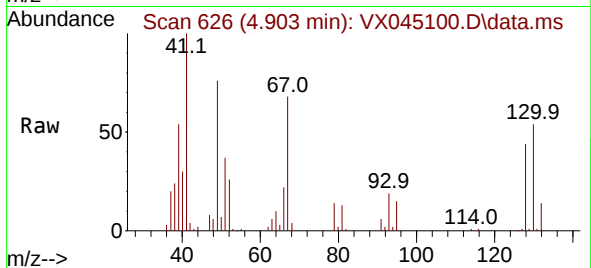
77 24.4 18.8 28.2





#41
Methacrylonitrile
Concen: 47.832 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

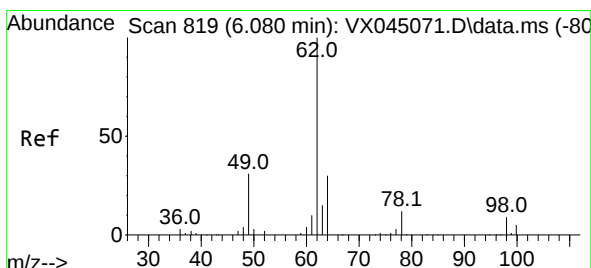
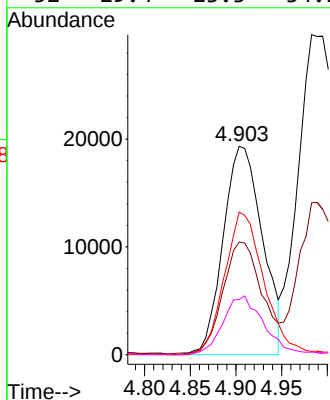
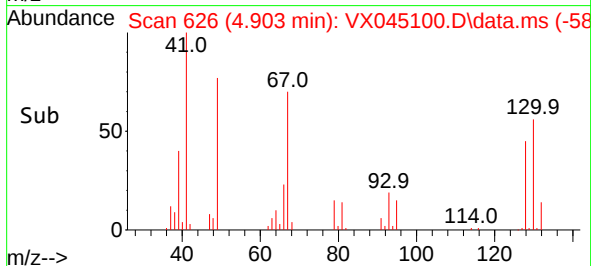
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 5773
Ion Ratio	Lower Upper
41 100	
39 53.3	44.6 67.0
67 69.3	53.9 80.9
52 29.4	23.3 34.9

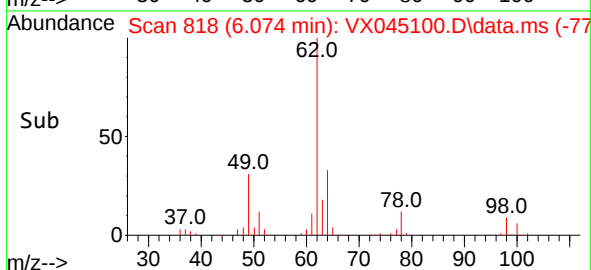
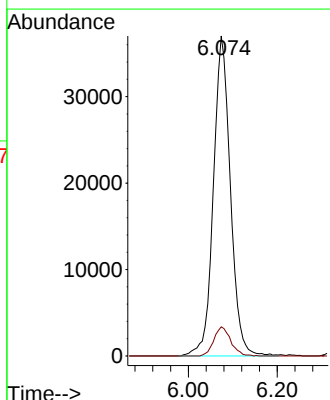
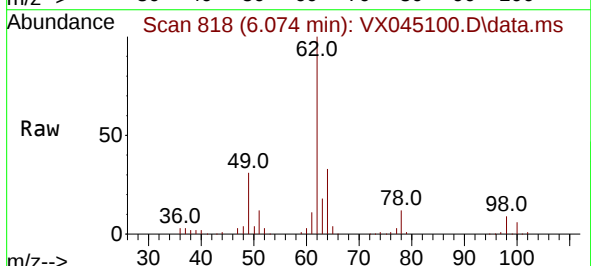
Manual Integrations
APPROVED

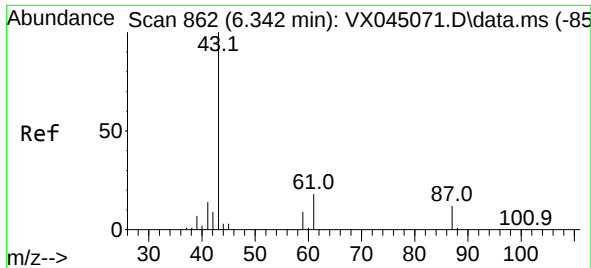
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#42
1,2-Dichloroethane
Concen: 49.867 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

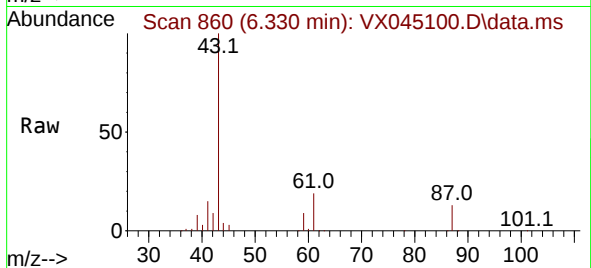
Tgt Ion: 62	Resp: 98234
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.2





#43
Isopropyl Acetate
Concen: 50.206 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

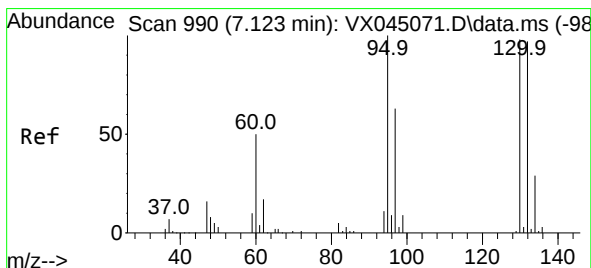
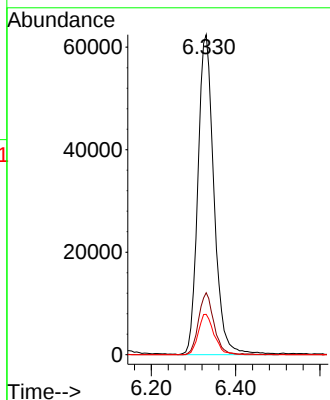
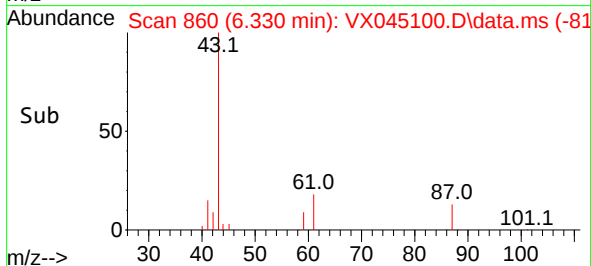
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 165728
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
87 12.4 9.4 14.2

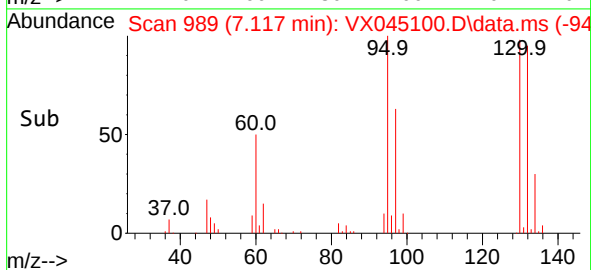
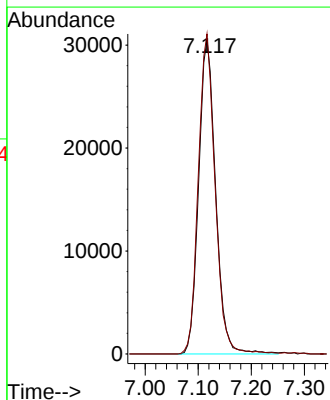
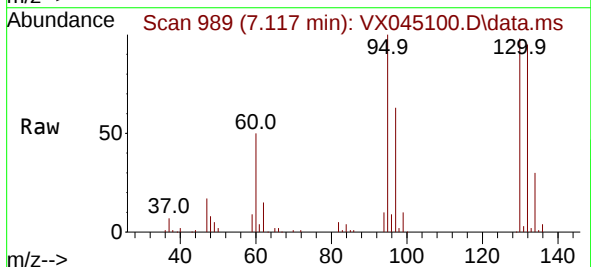
Manual Integrations
APPROVED

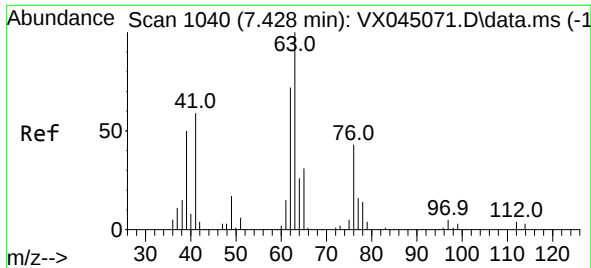
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#44
Trichloroethene
Concen: 52.774 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion:130 Resp: 67789
Ion Ratio Lower Upper
130 100
95 101.8 0.0 205.0





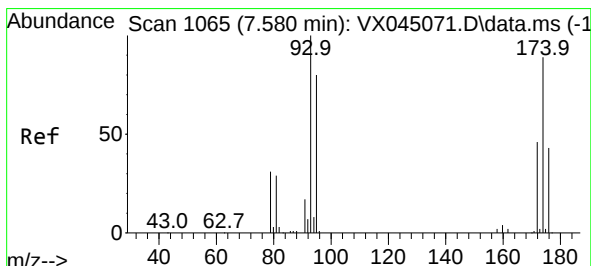
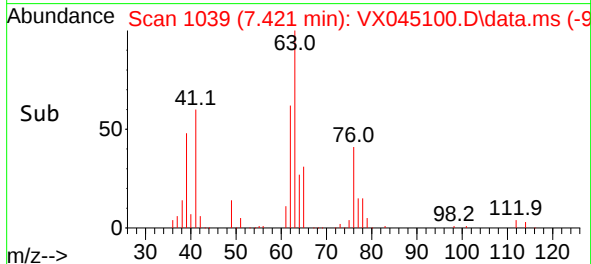
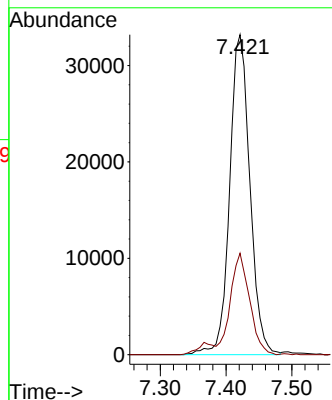
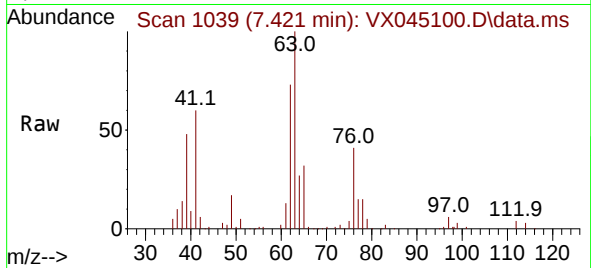
#45
1,2-Dichloropropane
Concen: 50.569 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 7112
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

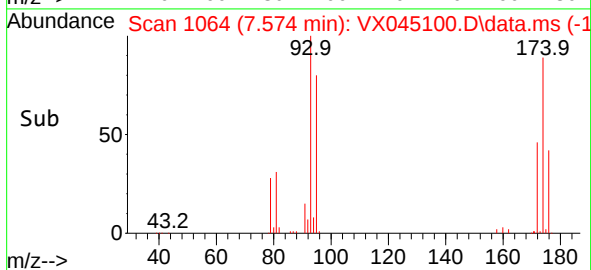
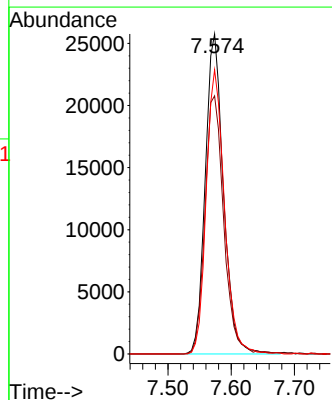
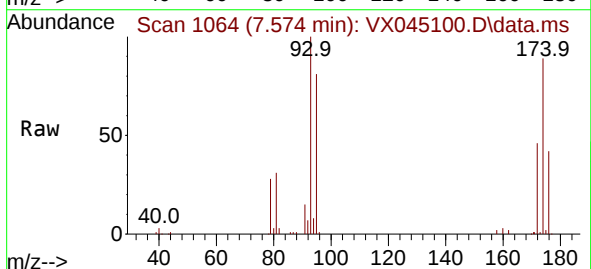
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APPROVED

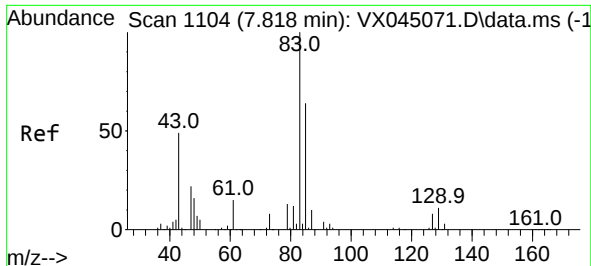
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#46
Dibromomethane
Concen: 51.811 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 93 Resp: 51508
Ion Ratio Lower Upper
93 100
95 83.9 65.8 98.8
174 89.1 72.2 108.2





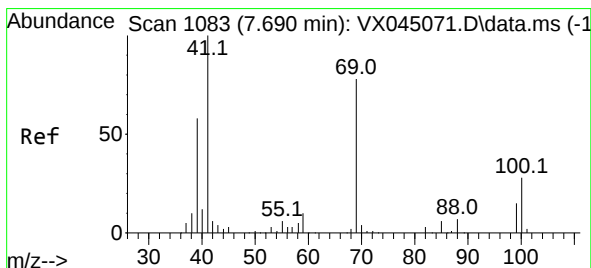
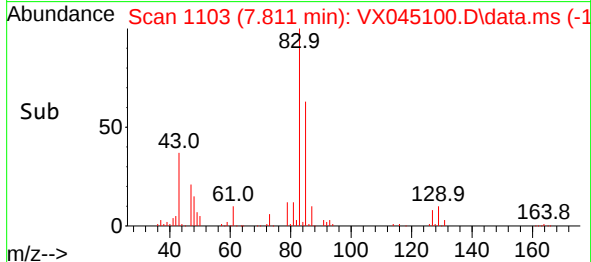
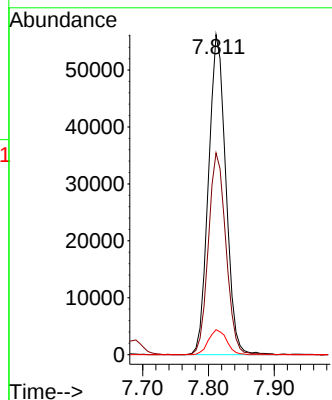
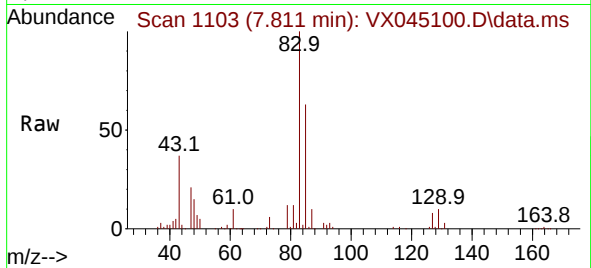
#47
Bromodichloromethane
Concen: 52.895 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10314
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 7.8 6.4 9.6

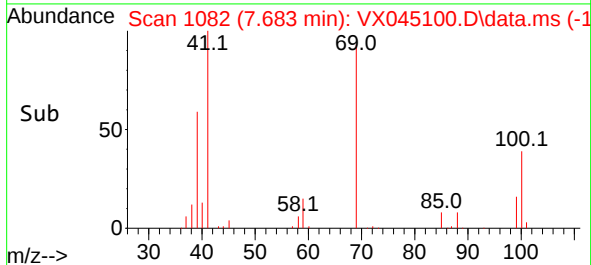
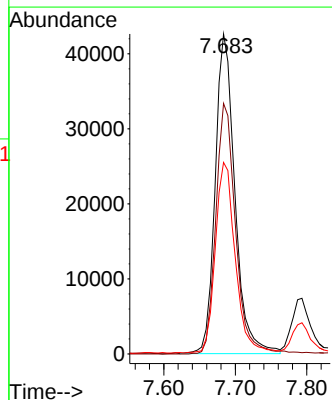
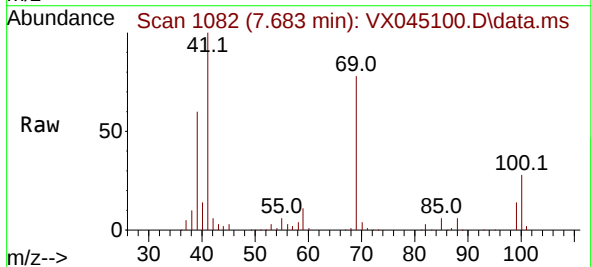
Manual Integrations
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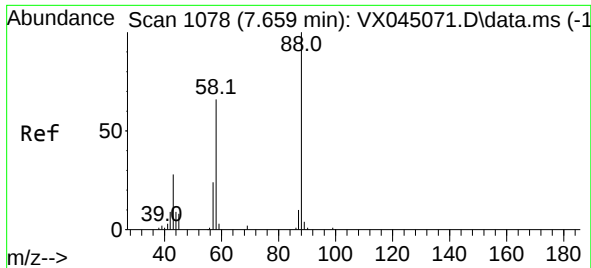
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#48
Methyl methacrylate
Concen: 49.240 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

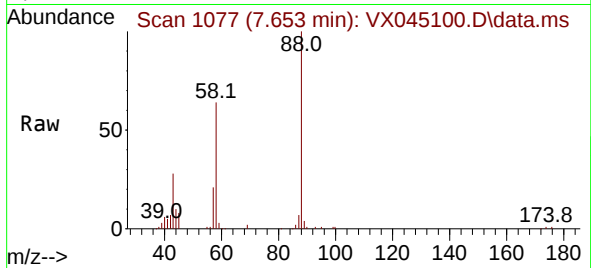
Tgt Ion: 41 Resp: 81543
Ion Ratio Lower Upper
41 100
69 79.2 63.0 94.6
39 60.5 47.5 71.3





#49
1,4-Dioxane
Concen: 965.401 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

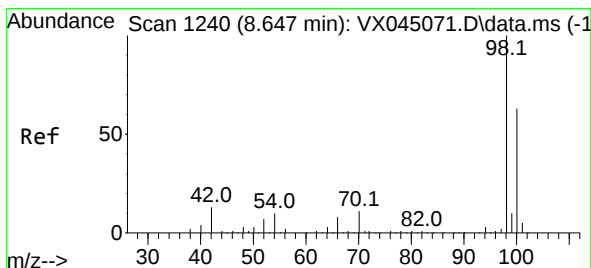
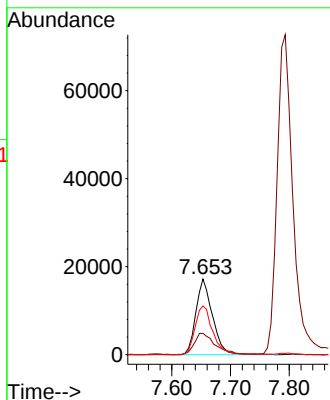
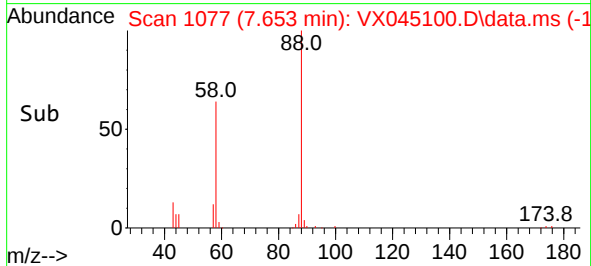
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 33724
Ion Ratio Lower Upper
88 100
43 35.9 28.7 43.1
58 67.9 55.8 83.8

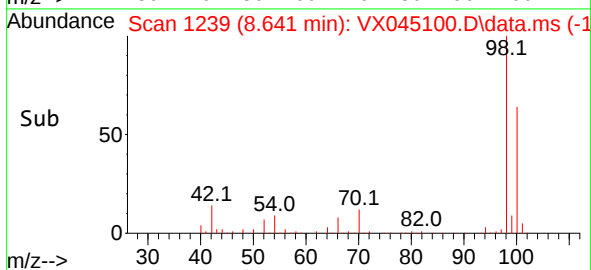
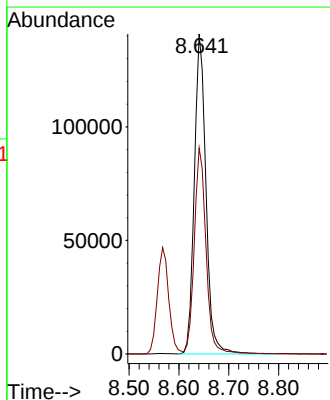
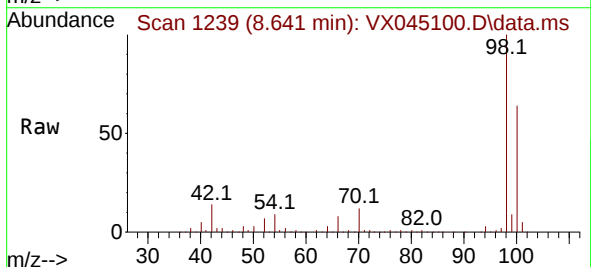
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#50
Toluene-d8
Concen: 49.917 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

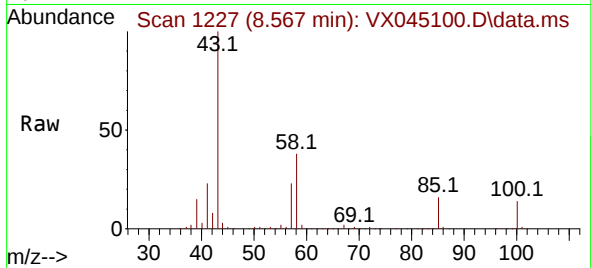
Tgt Ion: 98 Resp: 228601
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 237.886 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

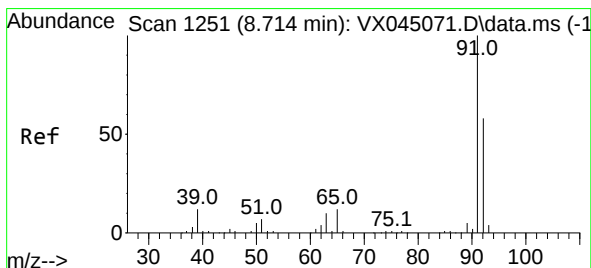
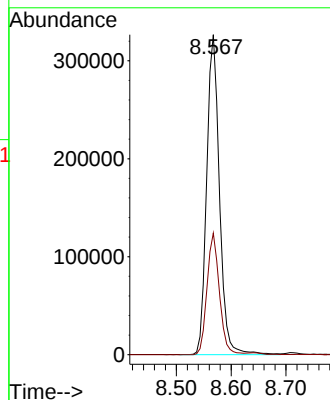
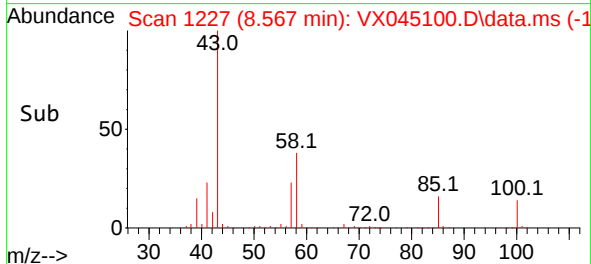
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 527249
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8

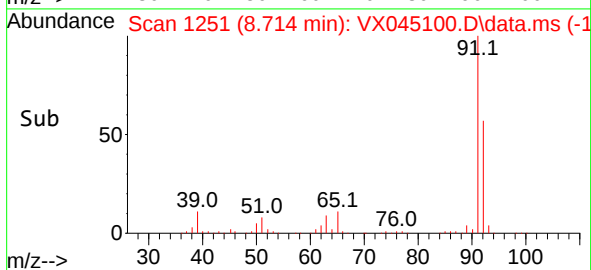
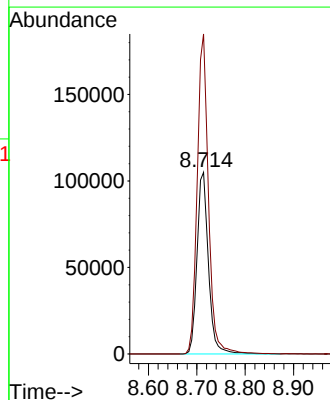
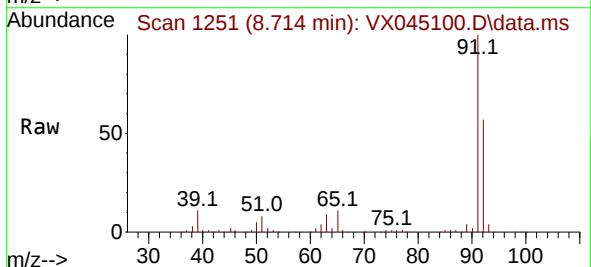
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#52
Toluene
Concen: 53.470 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 92 Resp: 171620
Ion Ratio Lower Upper
92 100
91 173.2 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 60.846 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9919

Ion Ratio Lower Upper

75 100

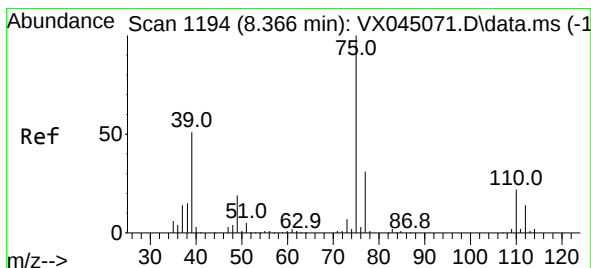
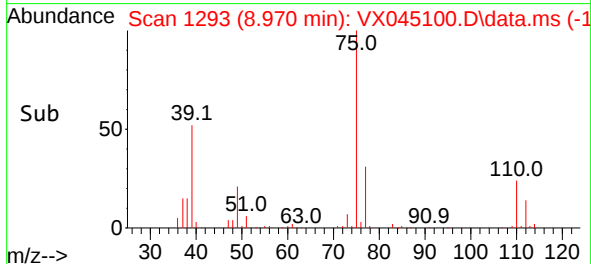
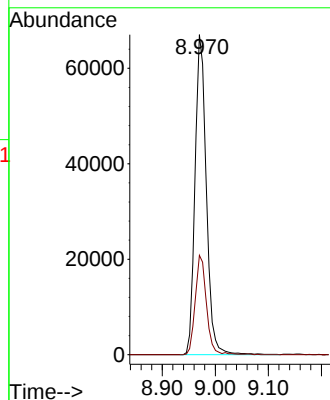
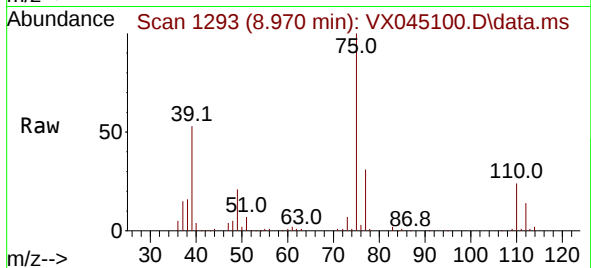
77 31.0 26.5 39.7

Manual Integrations

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Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#54

cis-1,3-Dichloropropene

Concen: 59.082 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

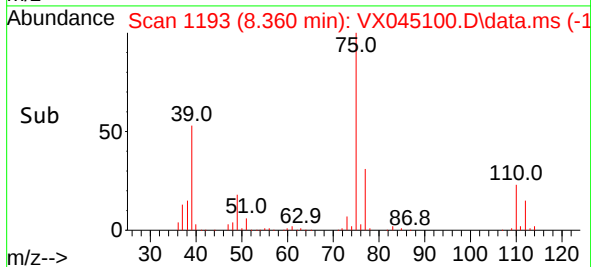
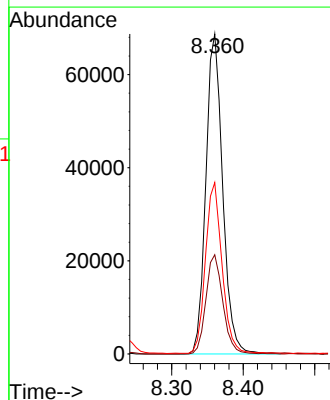
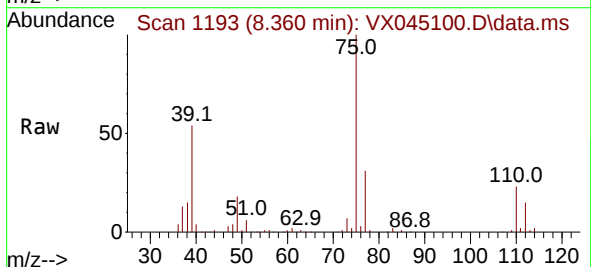
Tgt Ion: 75 Resp: 112314

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

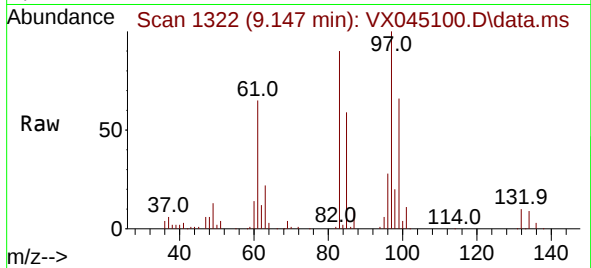
39 53.4 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 49.192 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

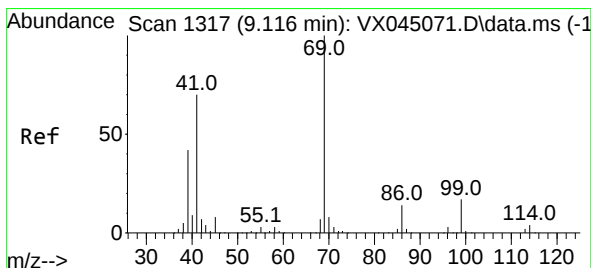
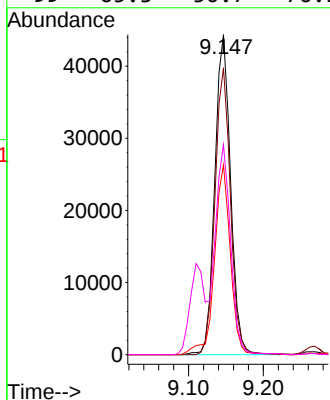
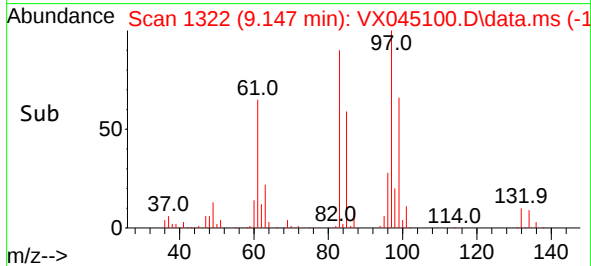


Tgt Ion: 97 Resp: 65000

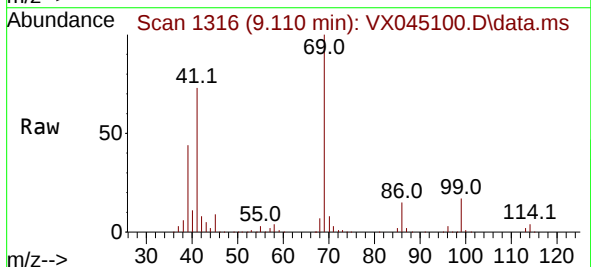
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.4	104.2
85	59.3	44.1	66.1
99	65.3	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025

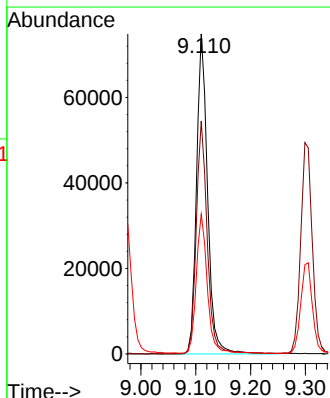
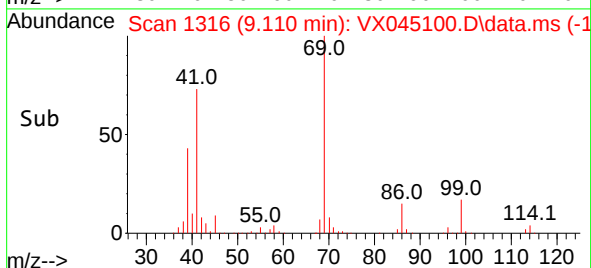


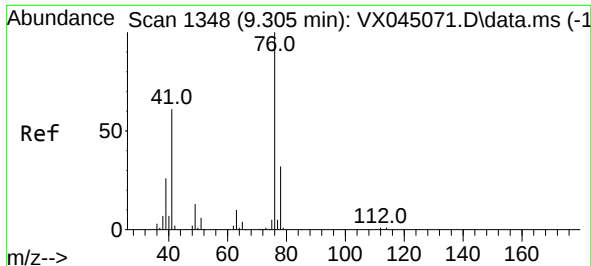
#56
Ethyl methacrylate
Concen: 52.500 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47



Tgt Ion: 69 Resp: 105447

Ion	Ratio	Lower	Upper
69	100		
41	72.7	57.0	85.4
39	42.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 49.867 ug/l

RT: 9.305 min Scan# 114030

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 114030

Ion Ratio Lower Upper

76 100

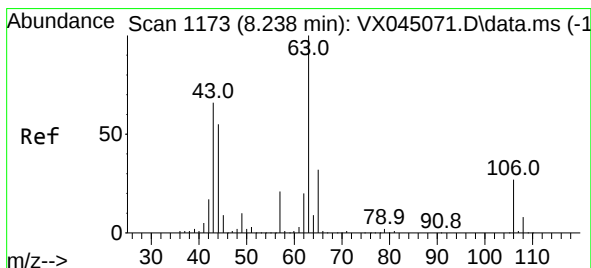
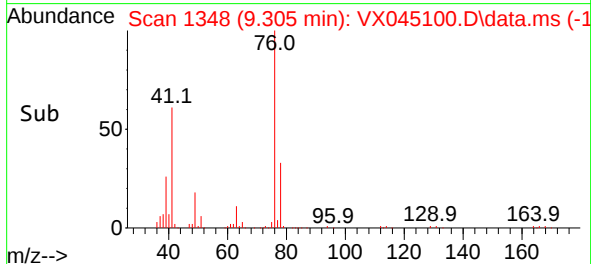
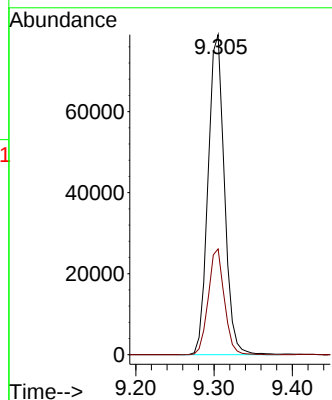
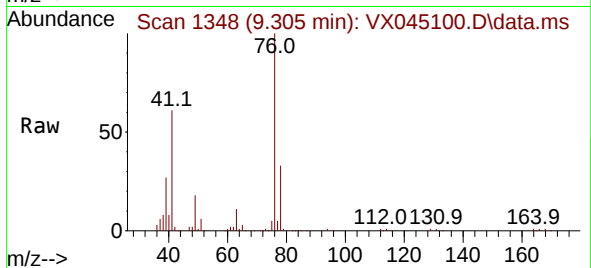
78 32.5 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 269.437 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045100.D

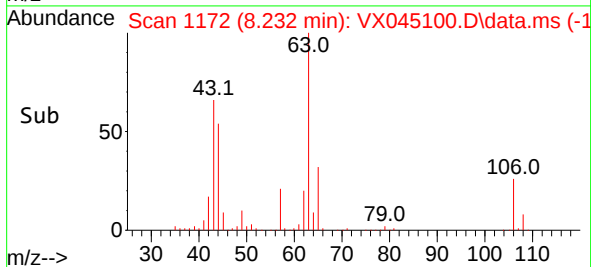
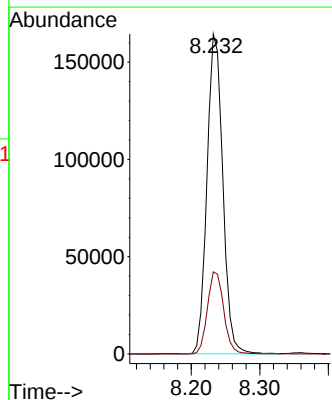
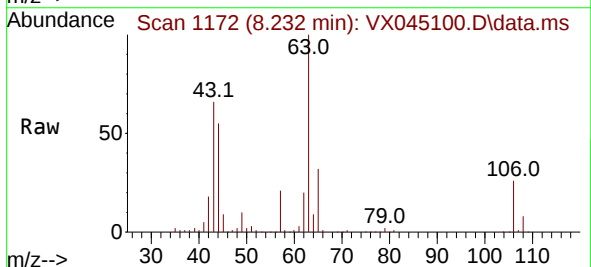
Acq: 03 Mar 2025 08:47

Tgt Ion: 63 Resp: 263987

Ion Ratio Lower Upper

63 100

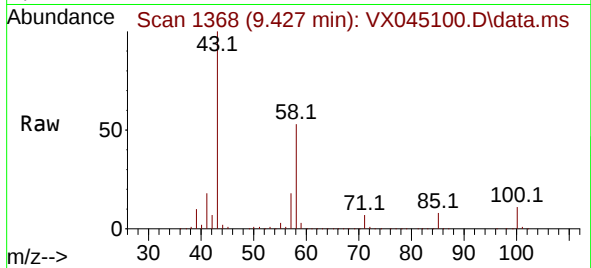
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 247.153 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

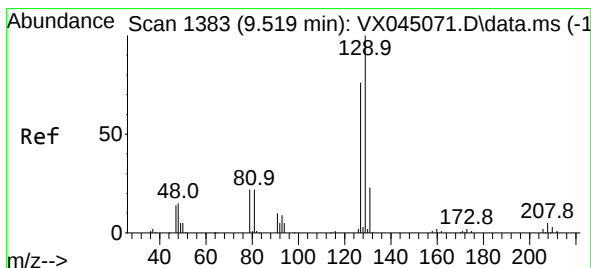
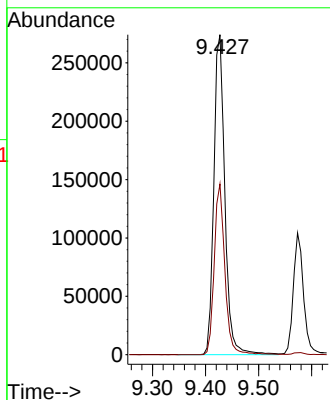
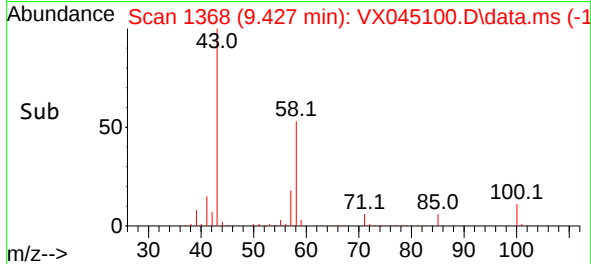
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 39689
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6

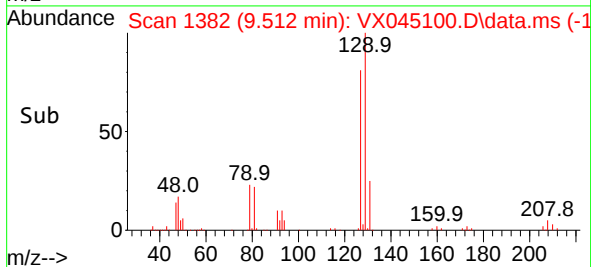
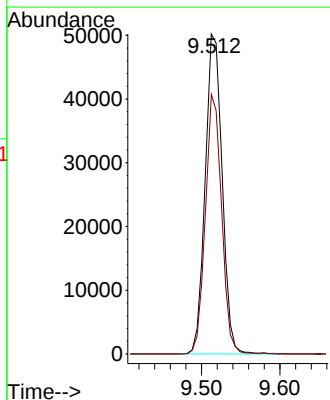
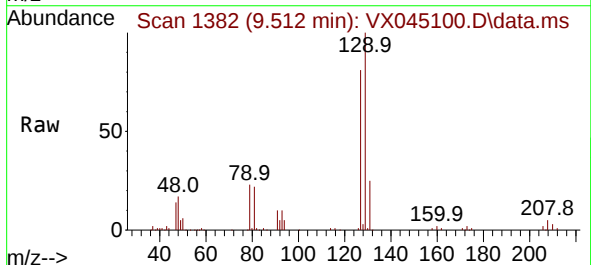
Manual Integrations
APPROVED

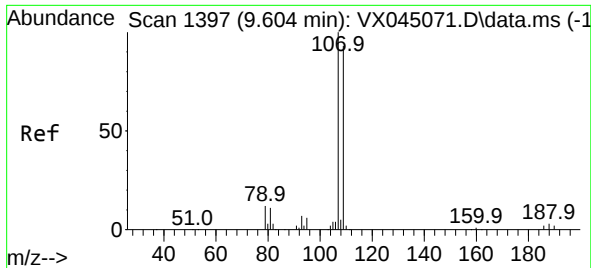
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#60
Dibromochloromethane
Concen: 54.518 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

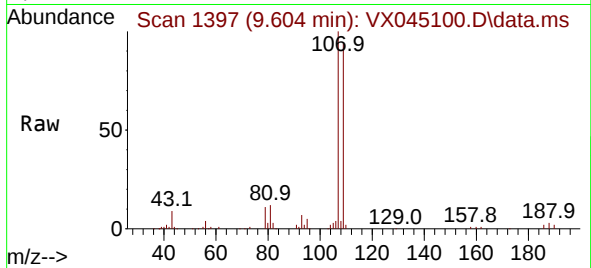
Tgt Ion:129 Resp: 75321
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.000 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

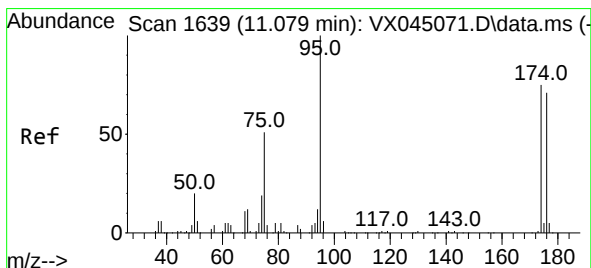
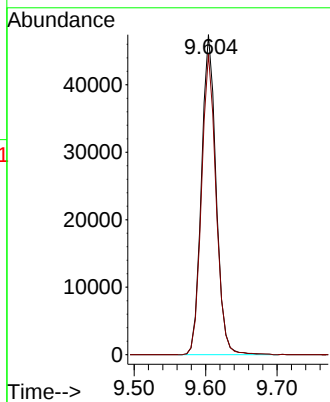
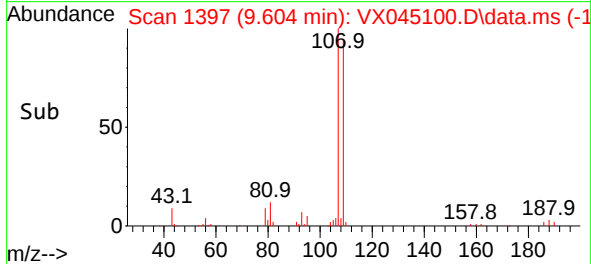
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 67274
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

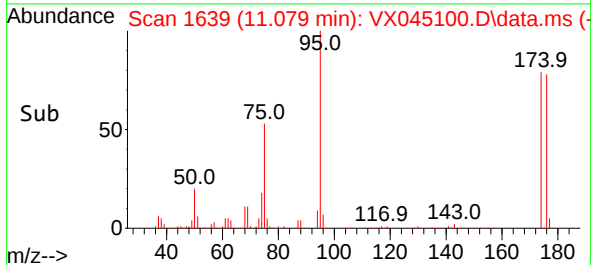
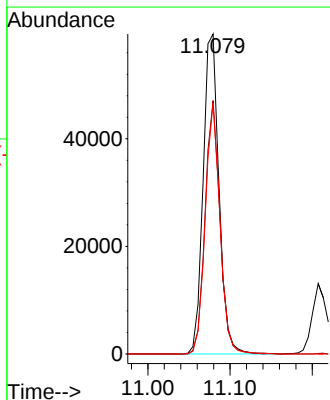
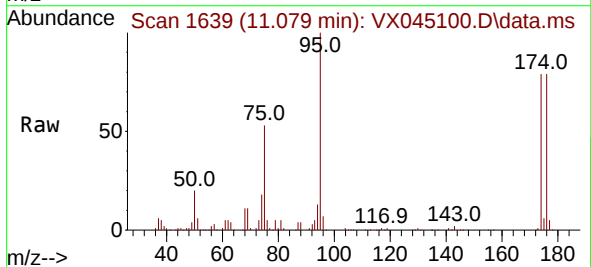
Manual Integrations
APPROVED

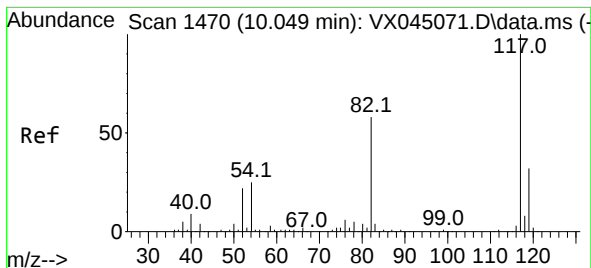
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#62
4-Bromofluorobenzene
Concen: 52.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

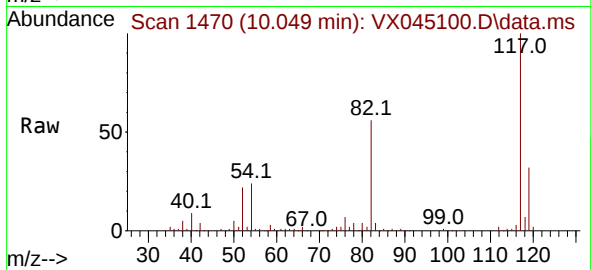
Tgt Ion: 95 Resp: 79497
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.2
176 72.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

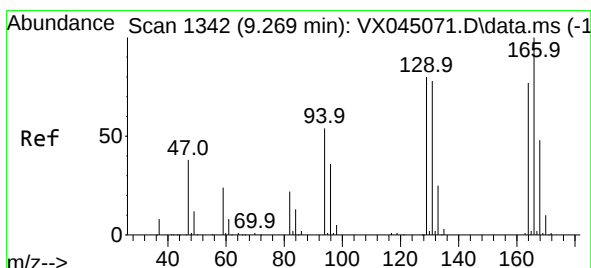
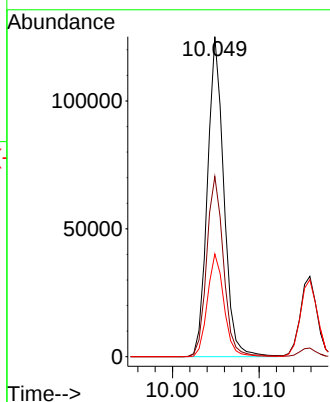
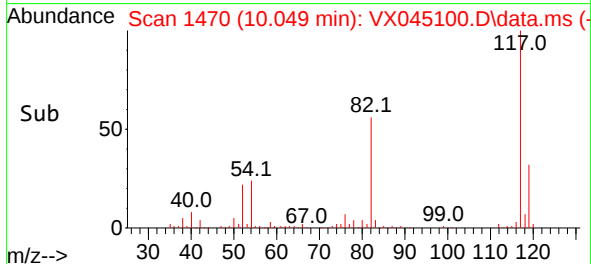
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 164460
Ion Ratio Lower Upper
117 100
82 56.3 46.3 69.5
119 32.1 25.7 38.5

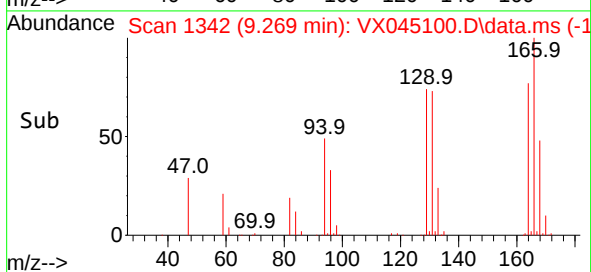
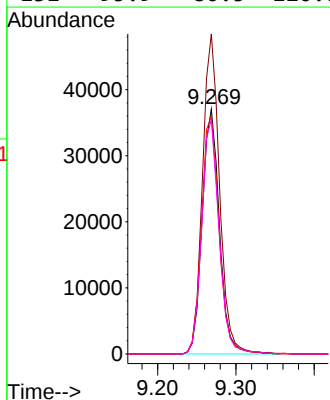
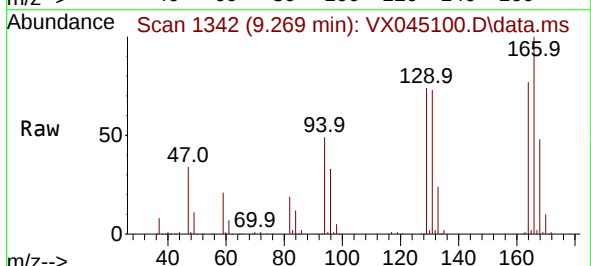
Manual Integrations
APPROVED

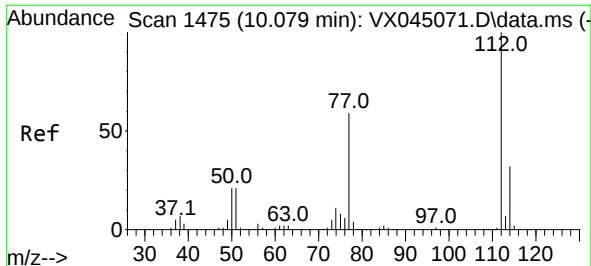
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#64
Tetrachloroethene
Concen: 53.797 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

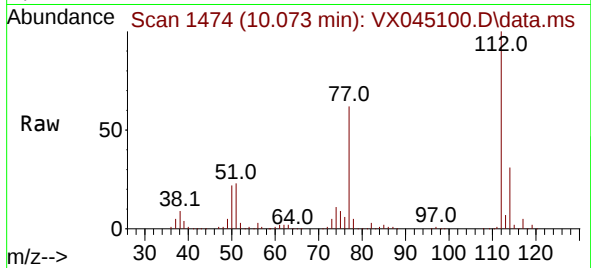
Tgt Ion:164 Resp: 56666
Ion Ratio Lower Upper
164 100
166 130.7 103.6 155.4
129 97.1 82.7 124.1
131 95.9 80.5 120.7





#65
Chlorobenzene
Concen: 52.832 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

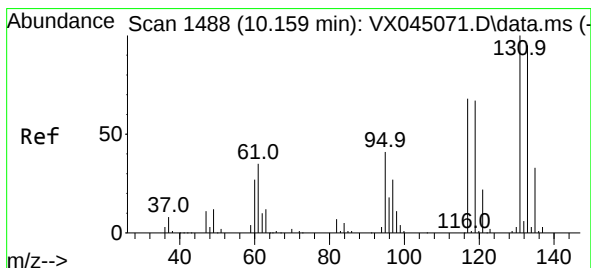
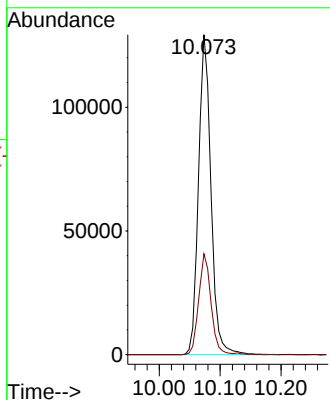
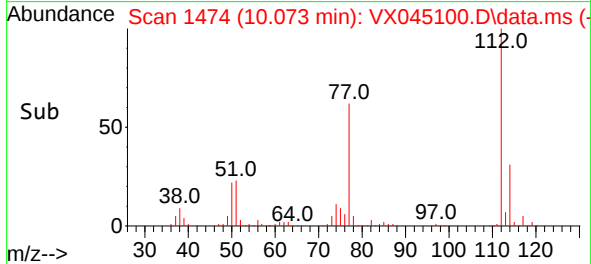
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



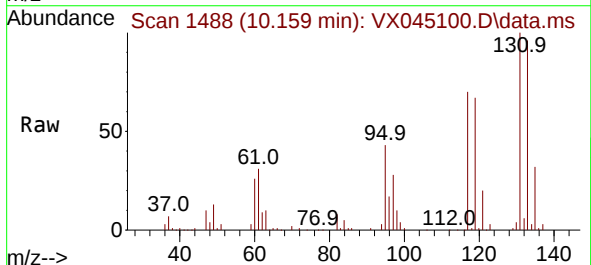
Tgt Ion:112 Resp: 183860
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

Manual Integrations
APPROVED

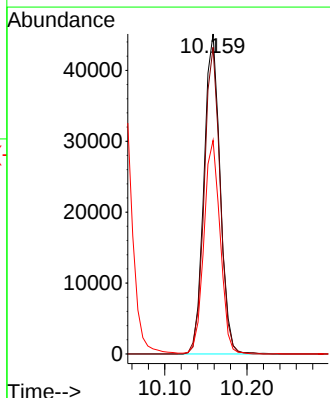
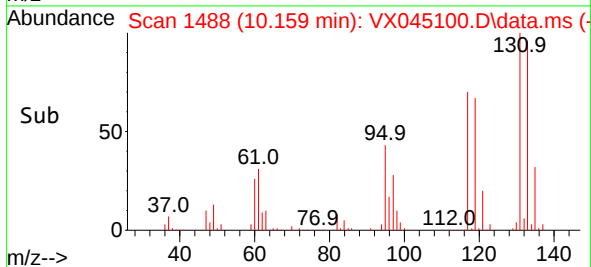
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025

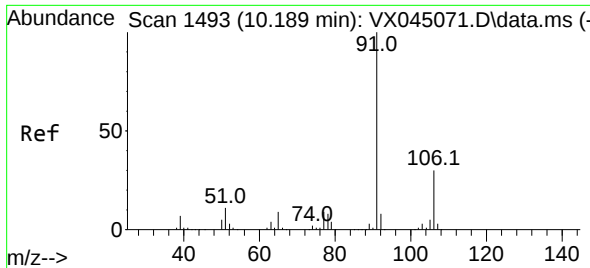


#66
1,1,1,2-Tetrachloroethane
Concen: 52.966 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47



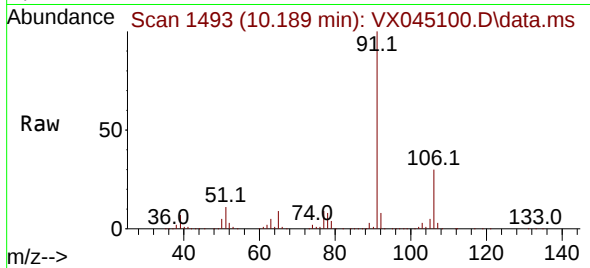
Tgt Ion:131 Resp: 61384
Ion Ratio Lower Upper
131 100
133 94.7 48.6 145.9
119 67.3 33.9 101.7





#67
Ethyl Benzene
Concen: 54.180 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

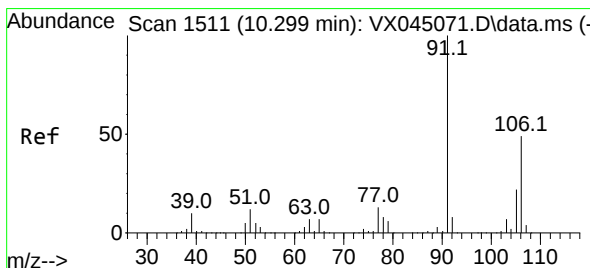
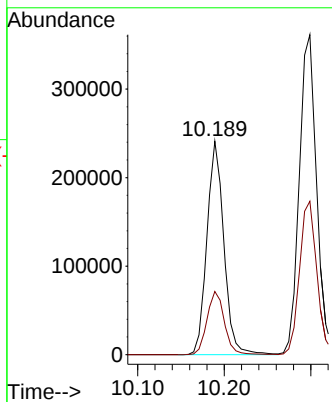
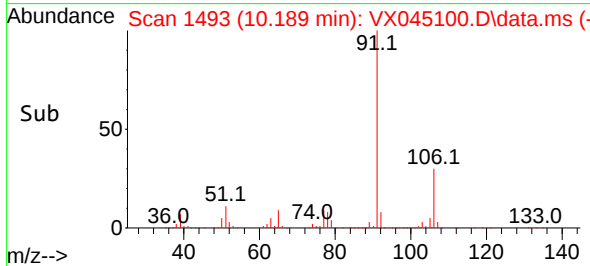
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



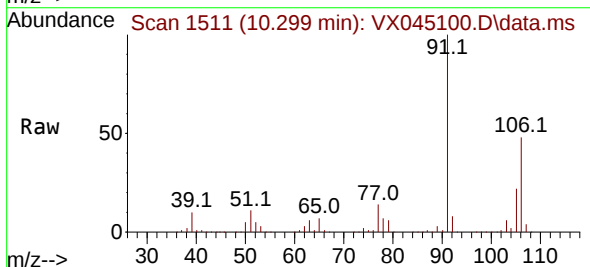
Tgt Ion: 91 Resp: 328538
Ion Ratio Lower Upper
91 100
106 29.6 23.9 35.9

Manual Integrations
APPROVED

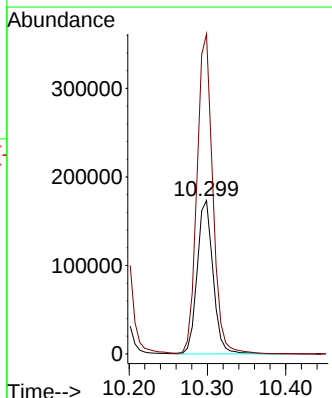
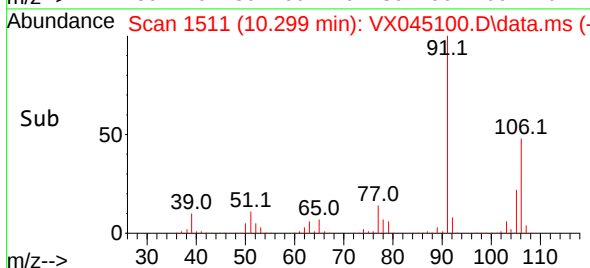
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025

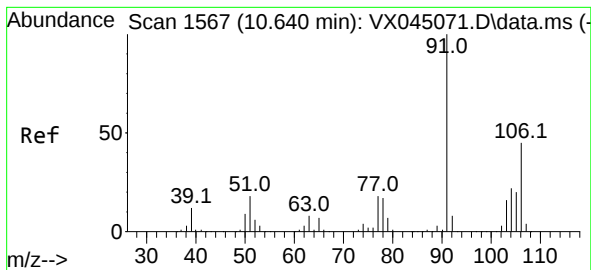


#68
m/p-Xylenes
Concen: 109.819 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47



Tgt Ion:106 Resp: 243777
Ion Ratio Lower Upper
106 100
91 208.2 165.4 248.0





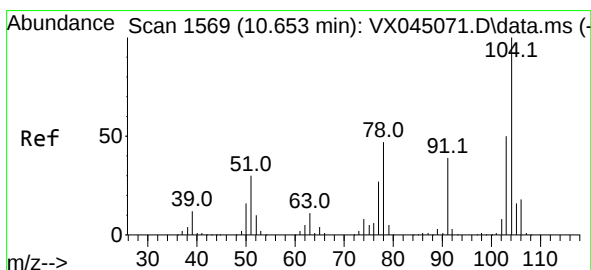
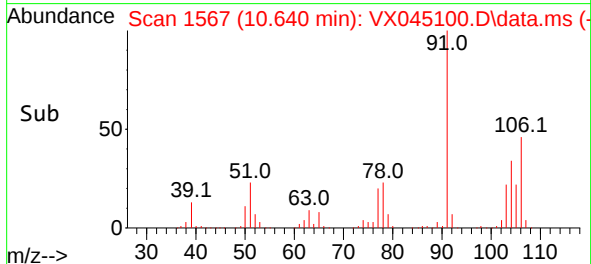
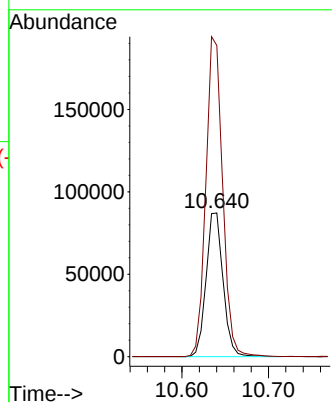
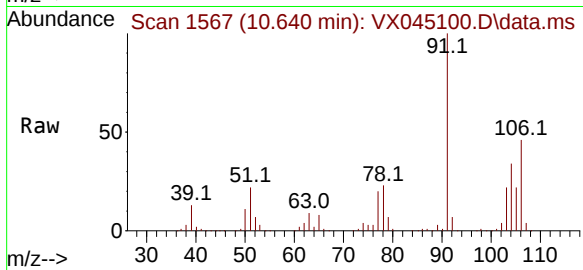
#69
o-Xylene
Concen: 53.126 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 118940
Ion Ratio Lower Upper
106 100
91 219.3 109.9 329.6

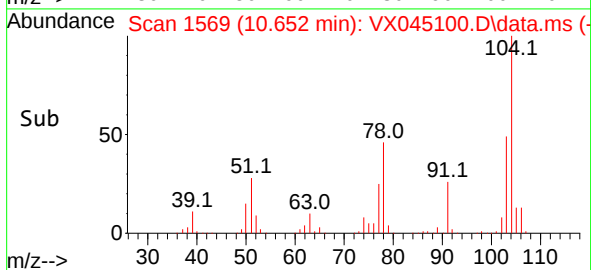
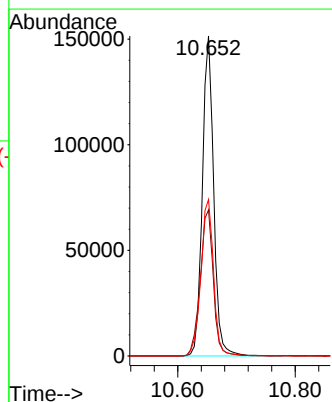
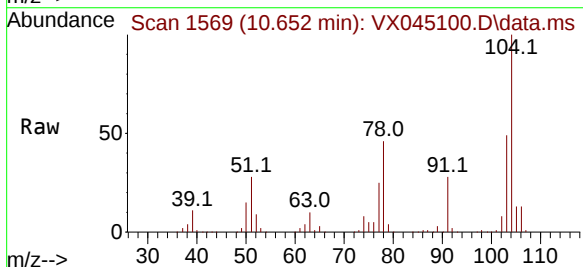
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#70
Styrene
Concen: 55.978 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion:104 Resp: 202784
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 54.9 43.8 65.8





#71

Bromoform

Concen: 56.284 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

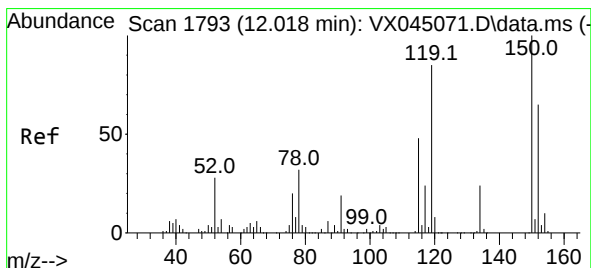
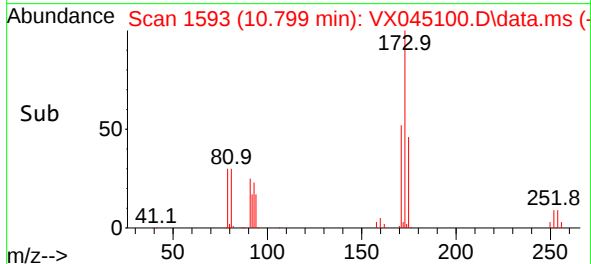
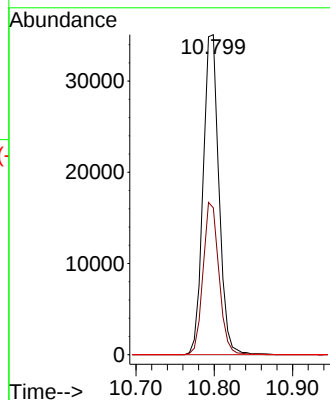
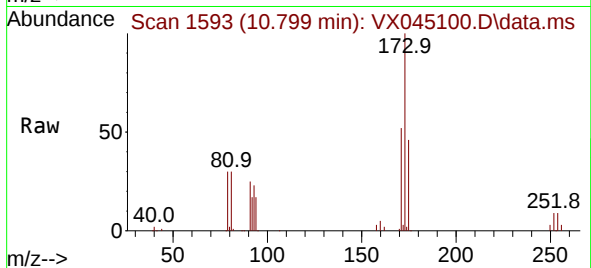
Tgt Ion:	173	Resp:	49189
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.6	73.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

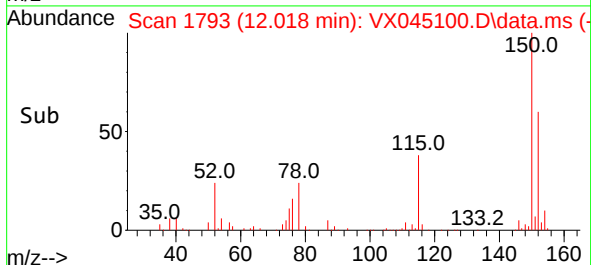
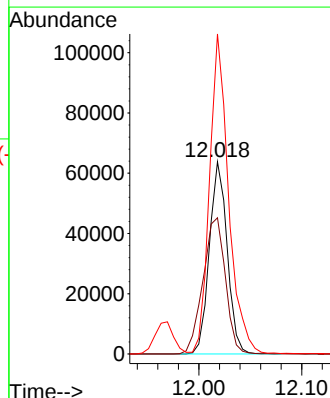
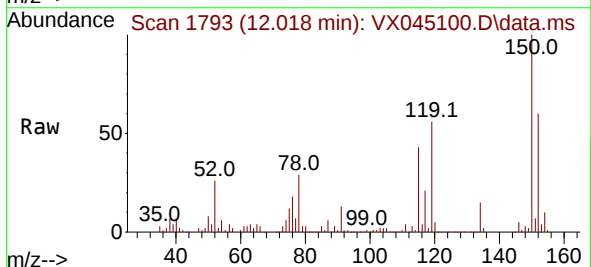
RT: 12.018 min Scan# 1793

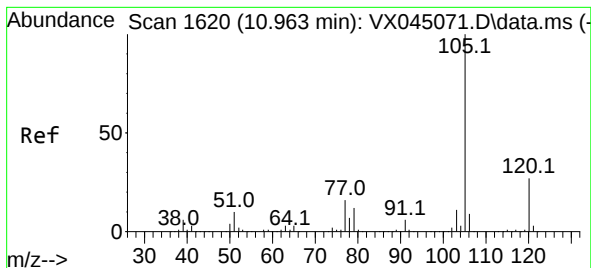
Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Tgt Ion:	152	Resp:	76846
Ion Ratio	Lower	Upper	
152	100		
115	89.3	44.2	132.6
150	178.3	0.0	349.0





#73

Isopropylbenzene

Concen: 51.893 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 31125

Ion Ratio Lower Upper

105 100

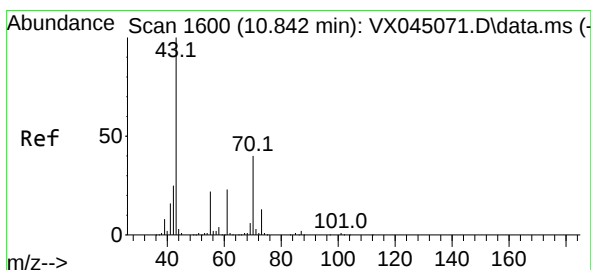
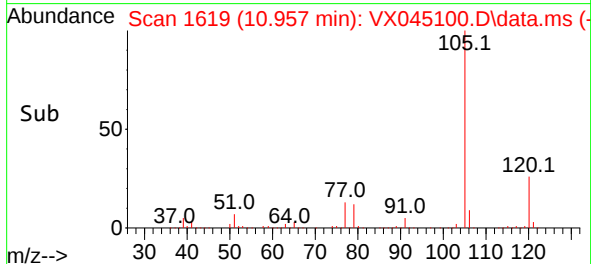
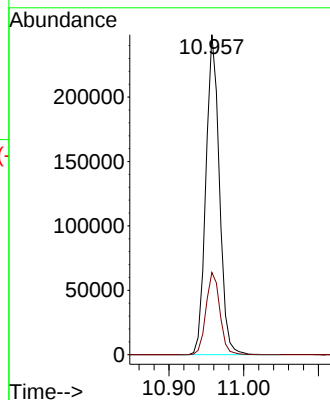
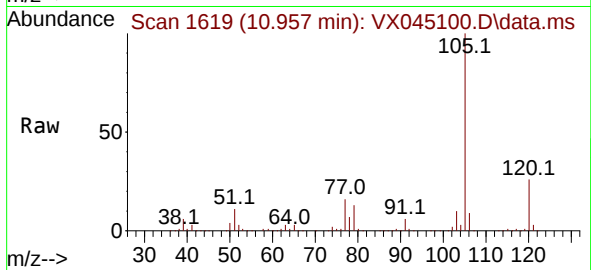
120 26.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#74

N-ethyl acetate

Concen: 52.500 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Tgt Ion: 43 Resp: 147759

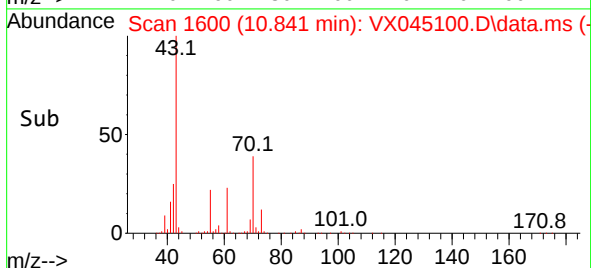
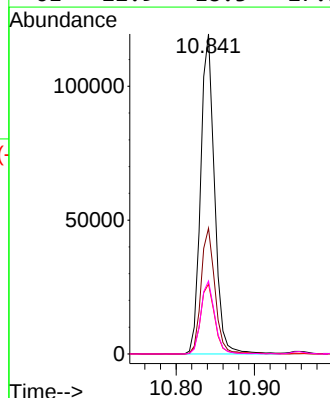
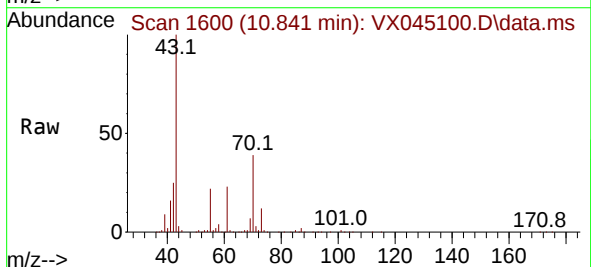
Ion Ratio Lower Upper

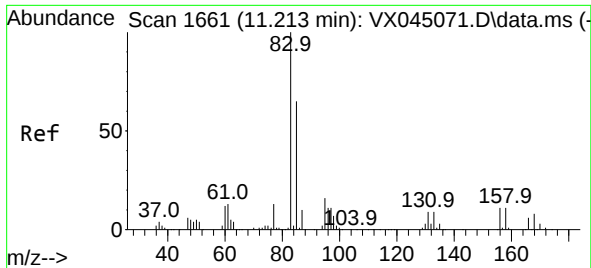
43 100

70 39.3 31.8 47.6

55 22.5 18.3 27.5

61 22.9 18.3 27.5





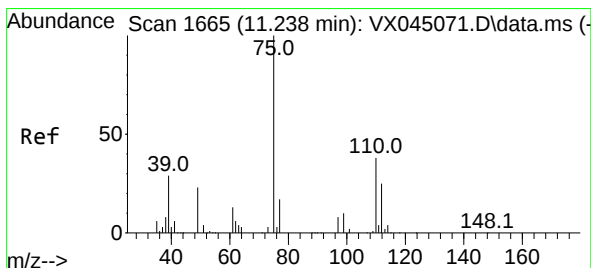
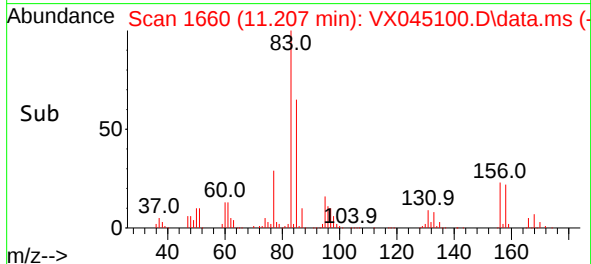
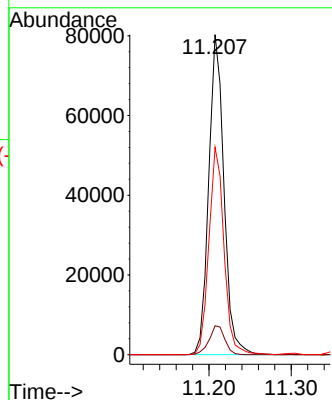
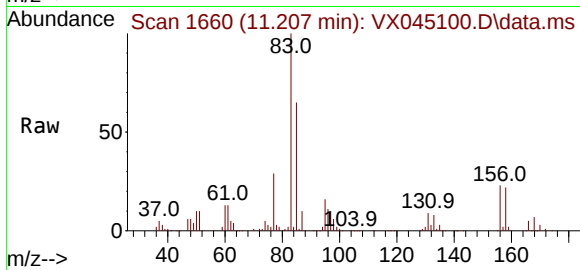
#75
1,1,2,2-Tetrachloroethane
Concen: 46.816 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 103040
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 64.3 31.7 95.1

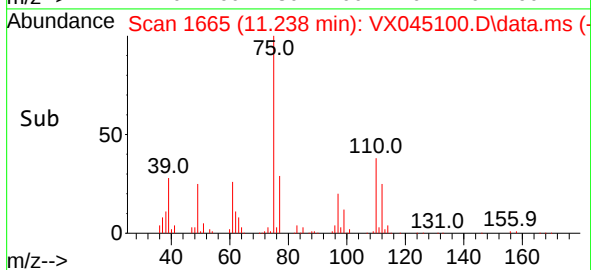
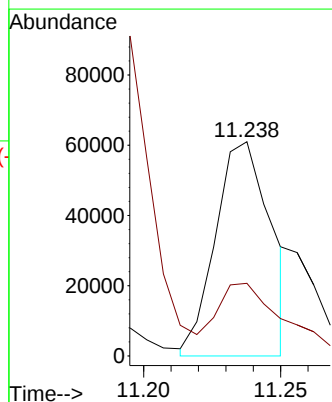
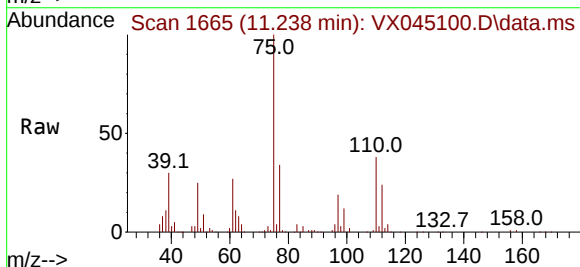
Manual Integrations
APPROVED

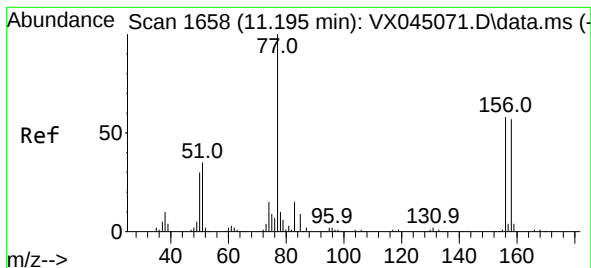
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#76
1,2,3-Trichloropropane
Concen: 47.917 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 75 Resp: 85705
Ion Ratio Lower Upper
75 100
77 41.6 20.7 62.1





#77

Bromobenzene

Concen: 51.884 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 73420

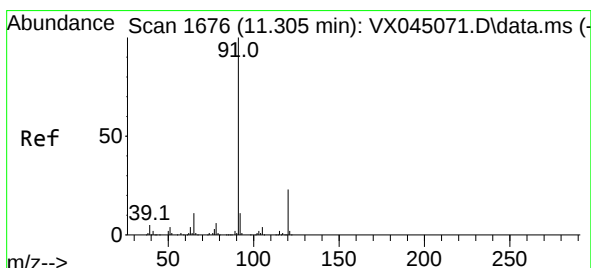
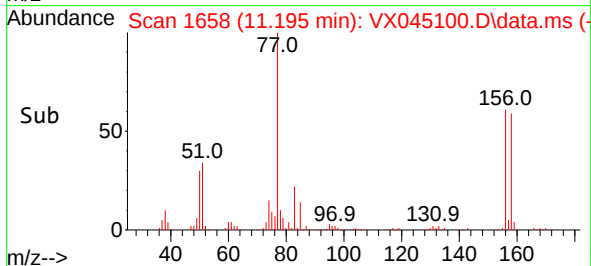
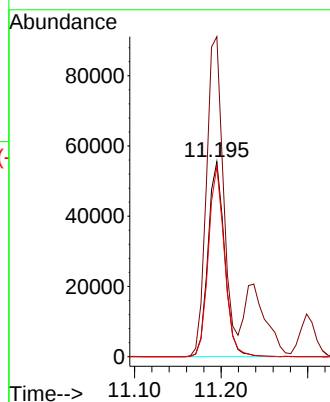
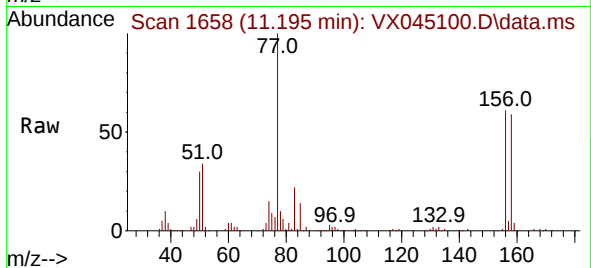
Ion	Ratio	Lower	Upper
156	100		
77	169.5	85.8	257.4
158	95.5	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#78

n-propylbenzene

Concen: 54.516 ug/l

RT: 11.299 min Scan# 1675

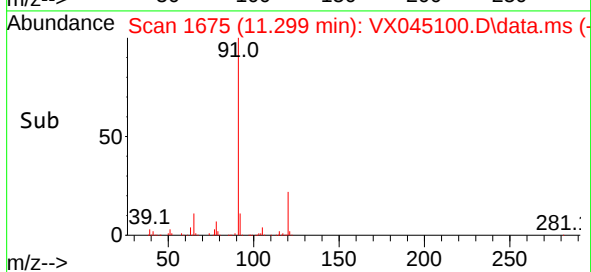
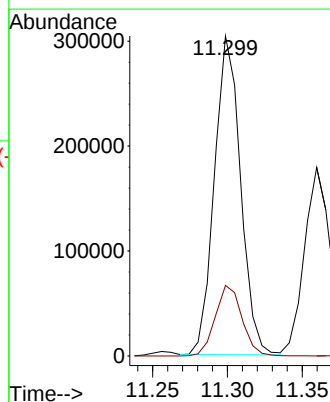
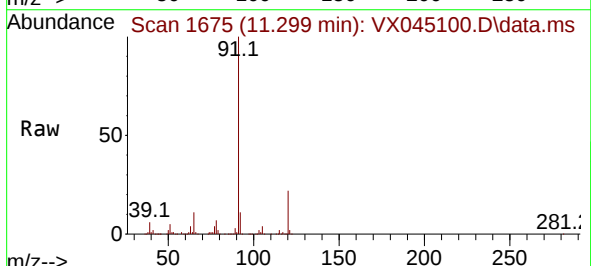
Delta R.T. -0.006 min

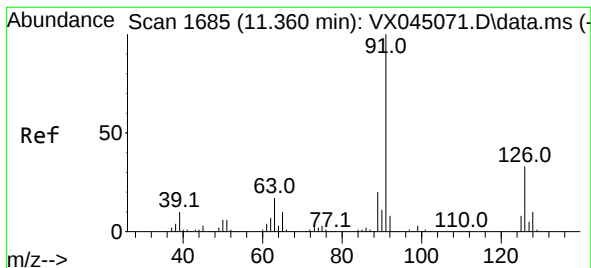
Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Tgt Ion: 91 Resp: 369377

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.6





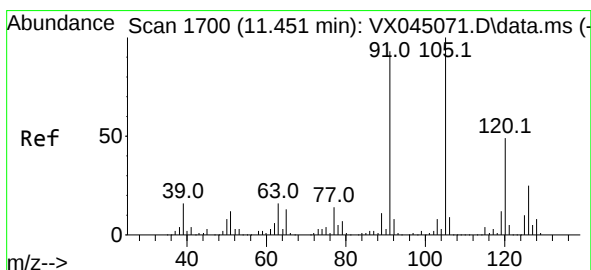
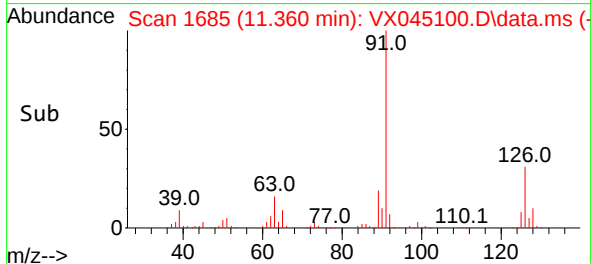
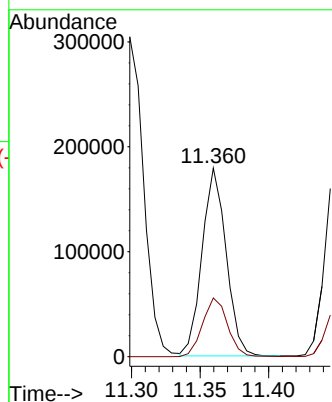
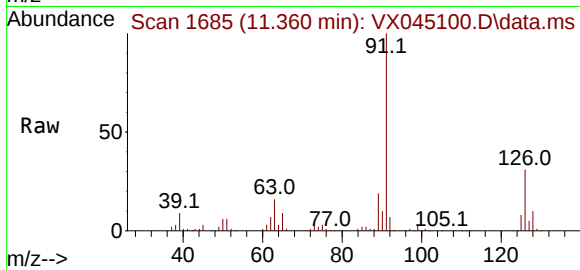
#79
2-Chlorotoluene
Concen: 50.611 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 21839
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

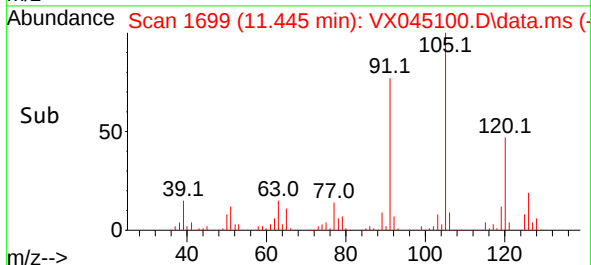
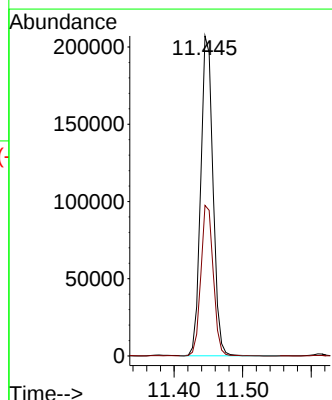
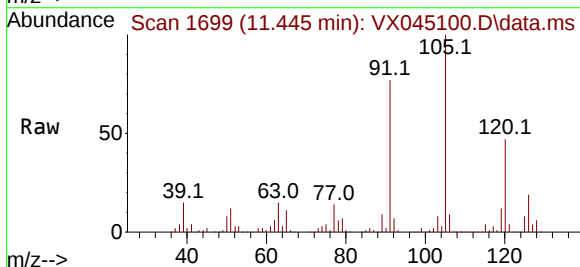
Manual Integrations
APPROVED

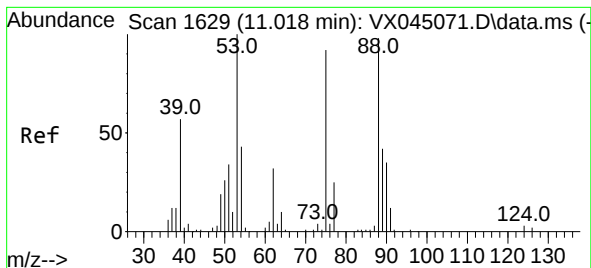
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.251 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion:105 Resp: 258263
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





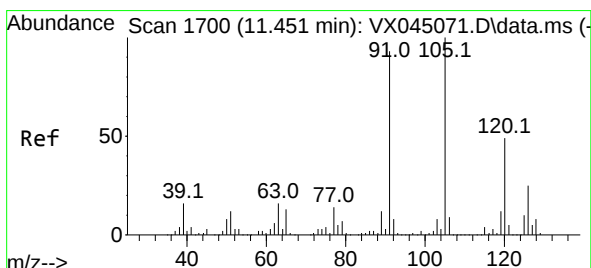
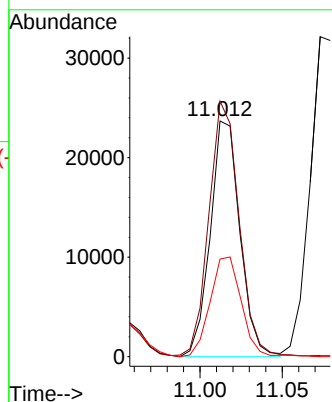
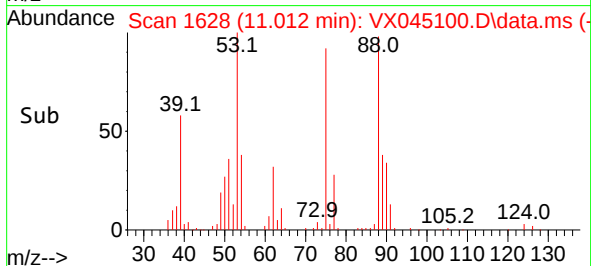
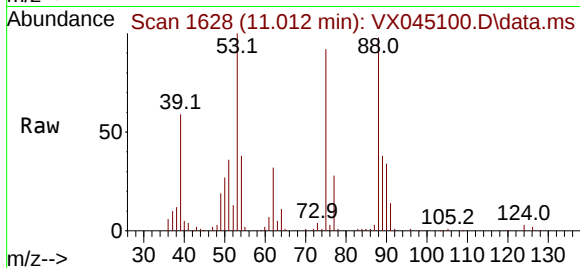
#81
trans-1,4-Dichloro-2-butene
Concen: 56.912 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 29749
Ion Ratio Lower Upper
75 100
53 109.4 88.5 132.7
89 44.5 36.2 54.4

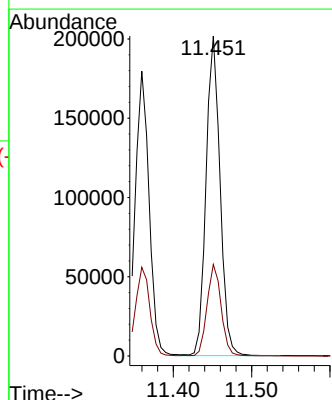
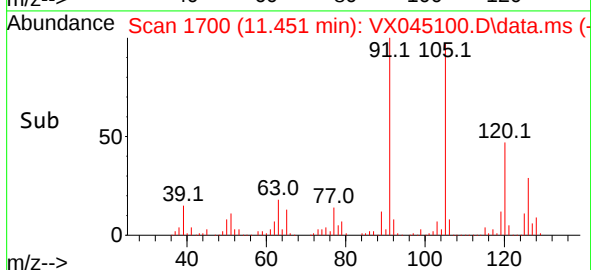
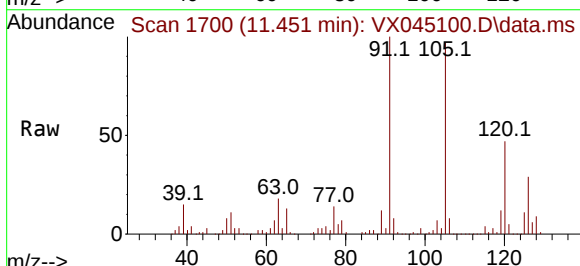
Manual Integrations
APPROVED

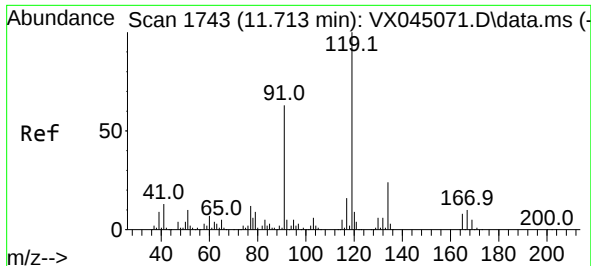
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#82
4-Chlorotoluene
Concen: 53.031 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

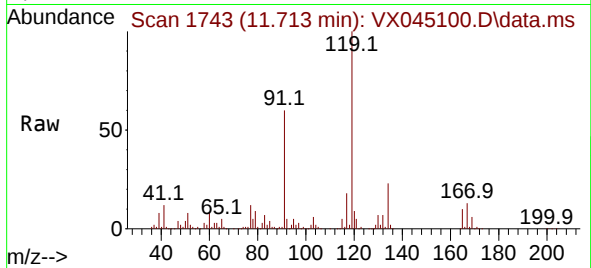
Tgt Ion: 91 Resp: 249399
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.4





#83
tert-Butylbenzene
Concen: 52.504 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

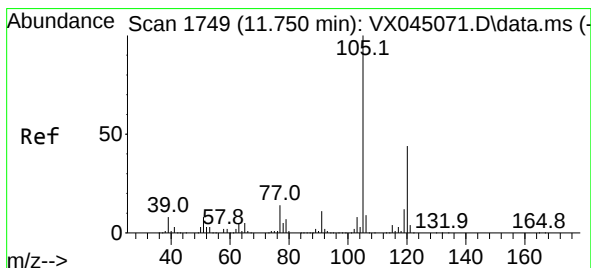
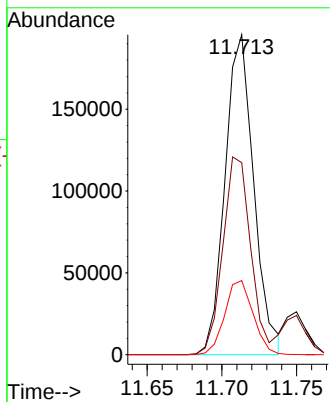
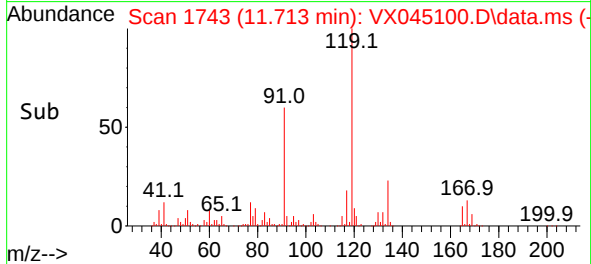
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



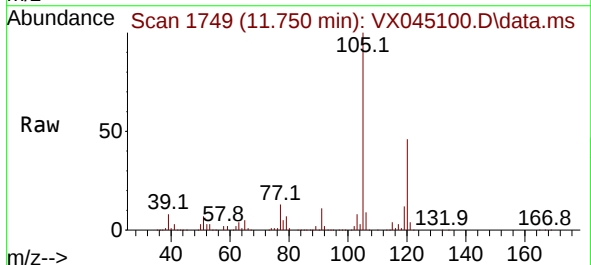
Tgt Ion:119 Resp: 261634
Ion Ratio Lower Upper
119 100
91 59.7 30.7 92.1
134 22.9 11.7 35.0

Manual Integrations
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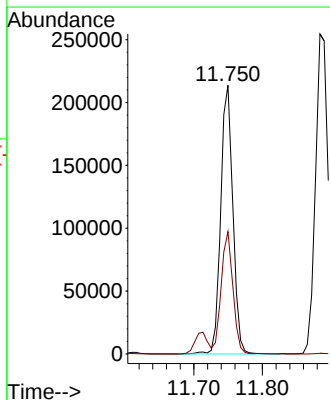
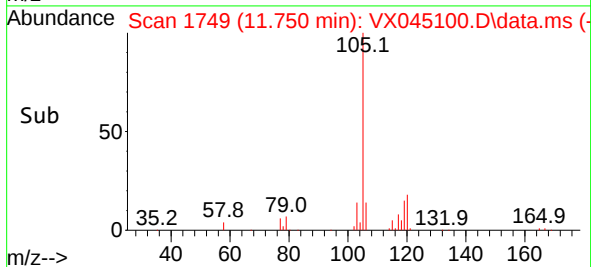
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025

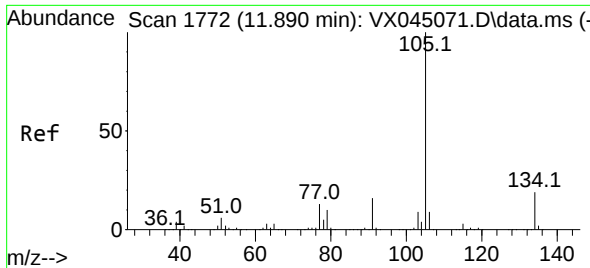


#84
1,2,4-Trimethylbenzene
Concen: 53.666 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47



Tgt Ion:105 Resp: 261885
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





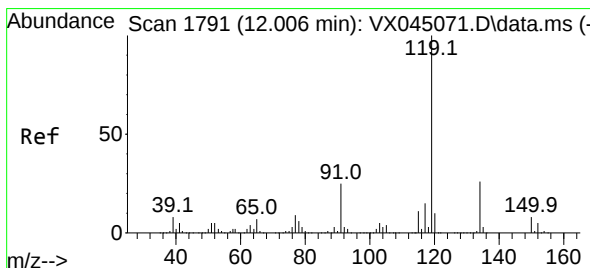
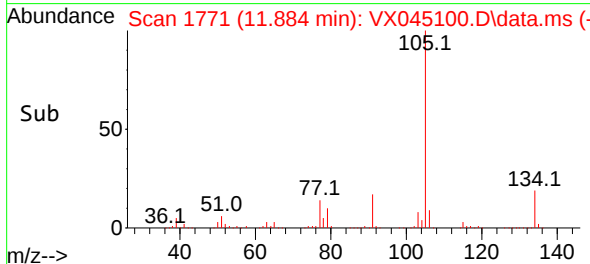
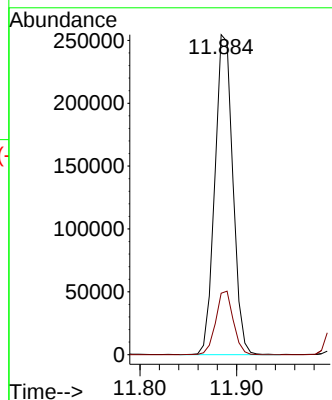
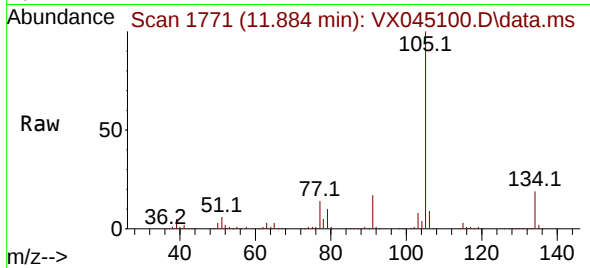
#85
 sec-Butylbenzene
 Concen: 55.000 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX045100.D
 Acq: 03 Mar 2025 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 32830
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

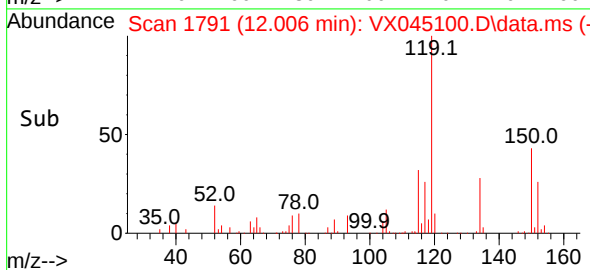
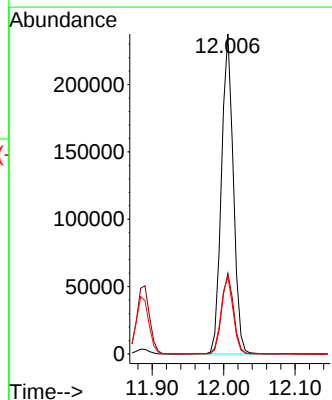
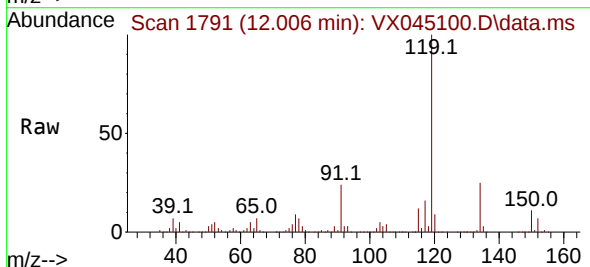
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/04/2025
 Supervised By :Mahesh Dadoda 03/04/2025



#86
 p-Isopropyltoluene
 Concen: 56.930 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045100.D
 Acq: 03 Mar 2025 08:47

Tgt Ion:119 Resp: 274625
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 24.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 53.439 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 134914

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.4

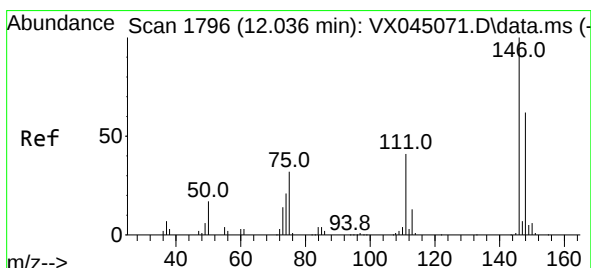
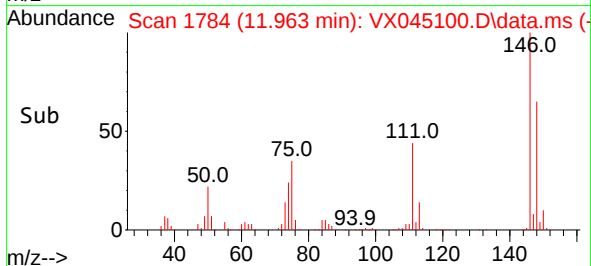
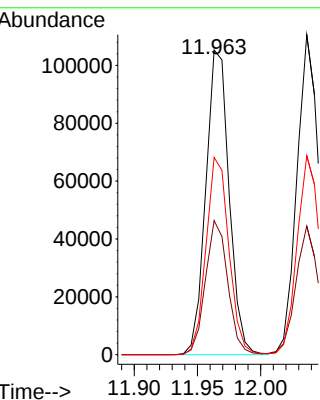
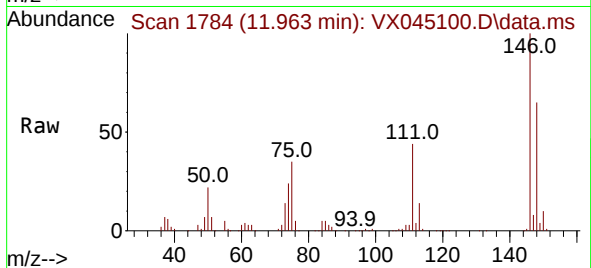
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#88

1,4-Dichlorobenzene

Concen: 52.885 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

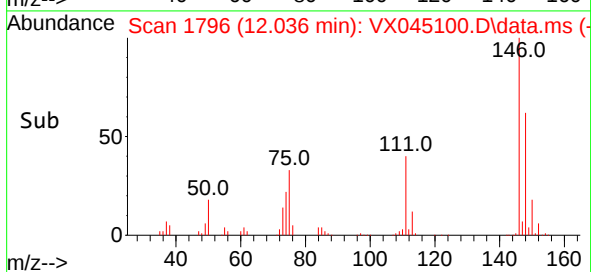
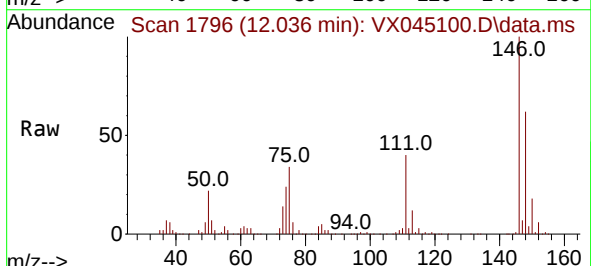
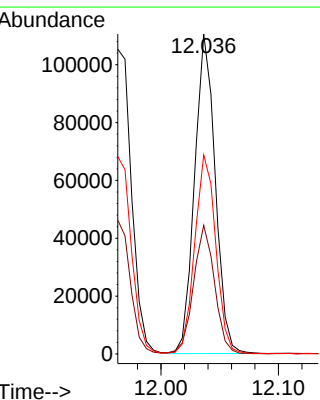
Tgt Ion:146 Resp: 135078

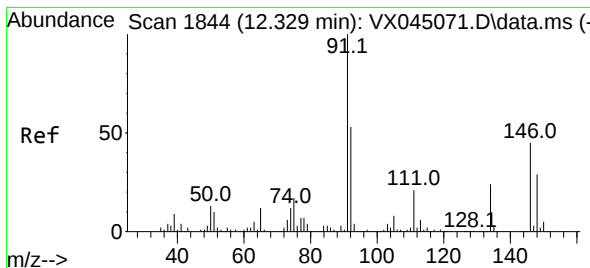
Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.5

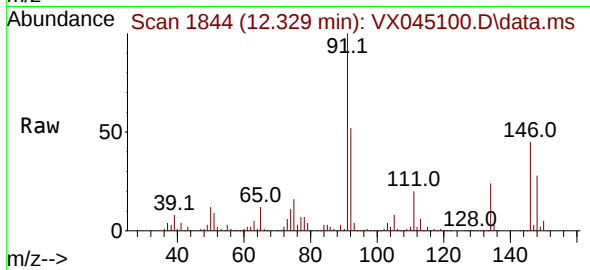
148 63.4 31.9 95.9





#89
n-Butylbenzene
Concen: 60.957 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

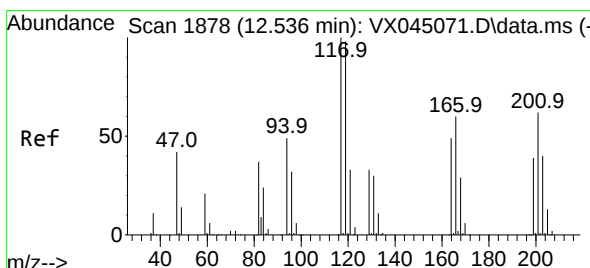
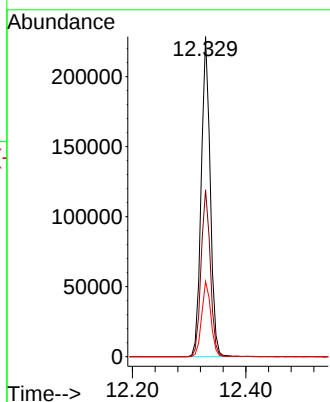
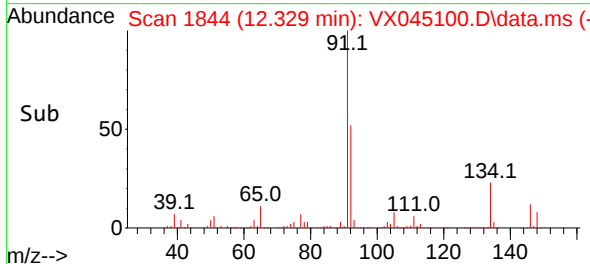
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25326
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 23.9 12.2 36.6

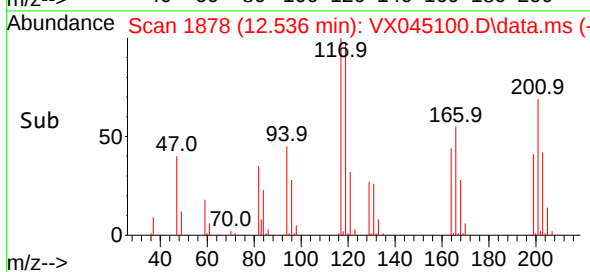
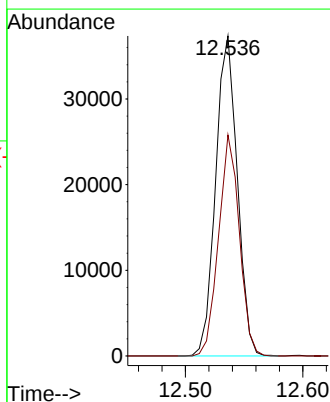
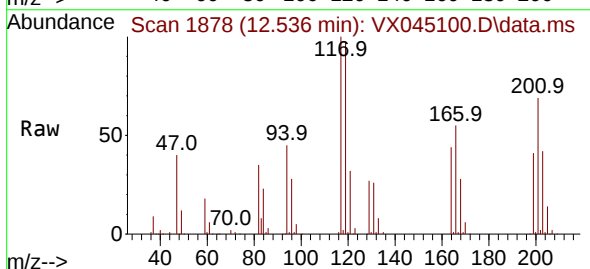
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#90
Hexachloroethane
Concen: 54.968 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

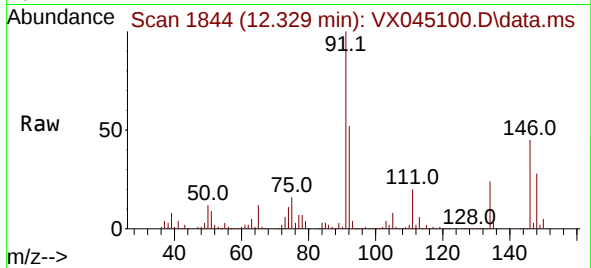
Tgt Ion:117 Resp: 47961
Ion Ratio Lower Upper
117 100
201 66.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 53.047 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

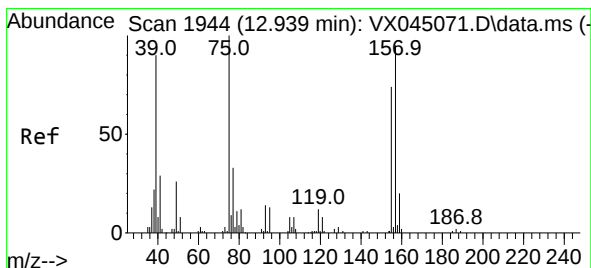
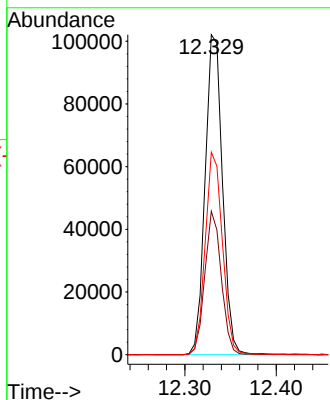
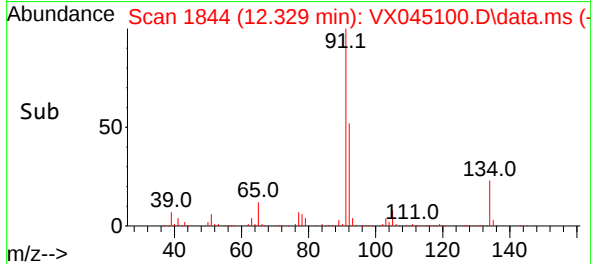
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 13434
Ion Ratio Lower Upper
146 100
111 42.7 21.6 65.0
148 62.8 31.9 95.9

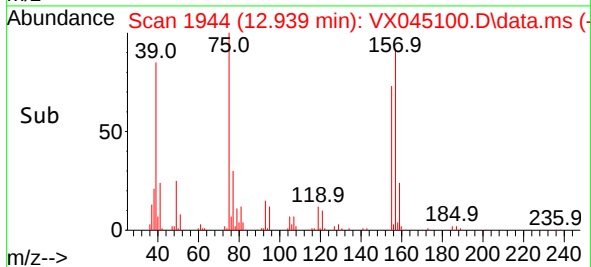
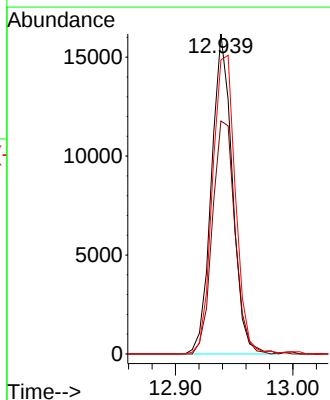
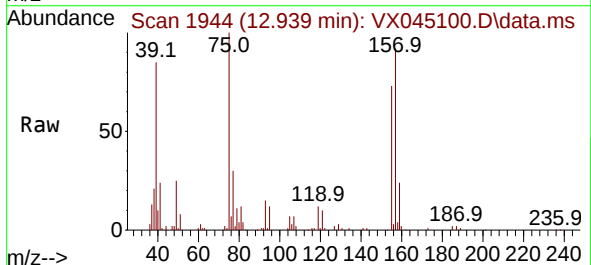
Manual Integrations
APPROVED

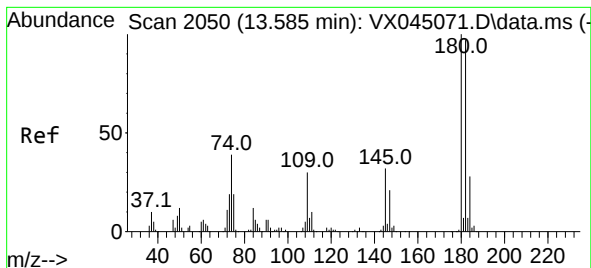
Reviewed By :John Carlone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.667 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

Tgt Ion: 75 Resp: 20011
Ion Ratio Lower Upper
75 100
155 78.4 39.6 118.7
157 102.3 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 58.082 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

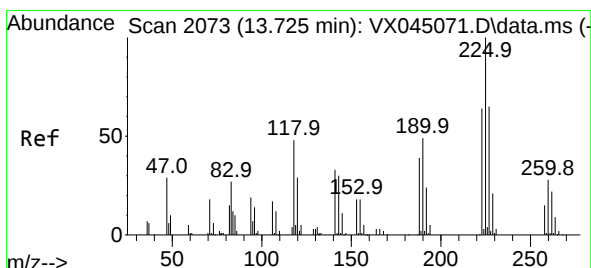
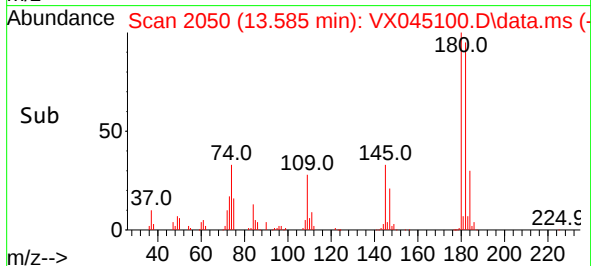
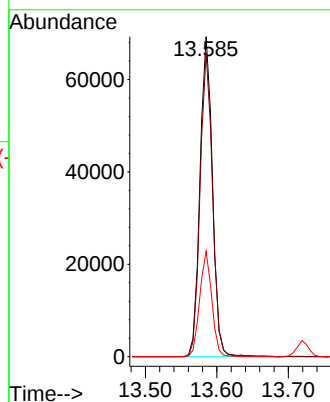
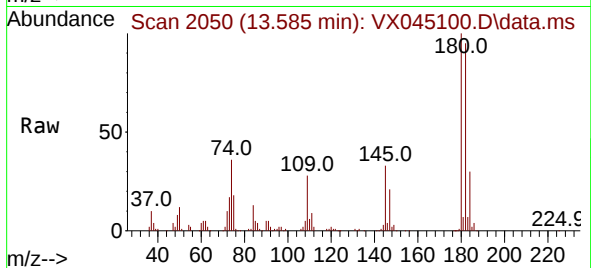
Tgt Ion:180	Resp:	83758
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.3 141.9
145	31.8	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2025

Supervised By :Mahesh Dadoda 03/04/2025



#94

Hexachlorobutadiene

Concen: 58.476 ug/l

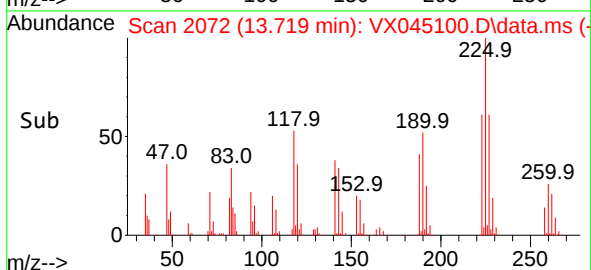
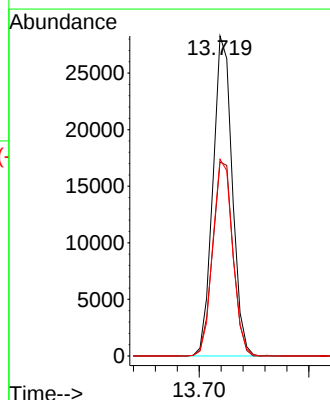
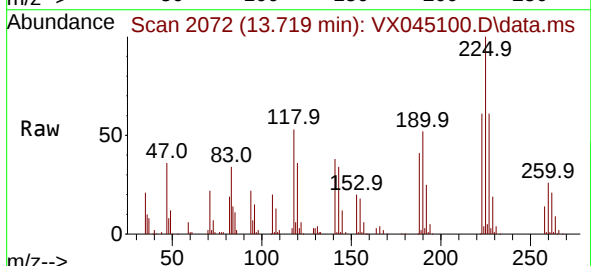
RT: 13.719 min Scan# 2072

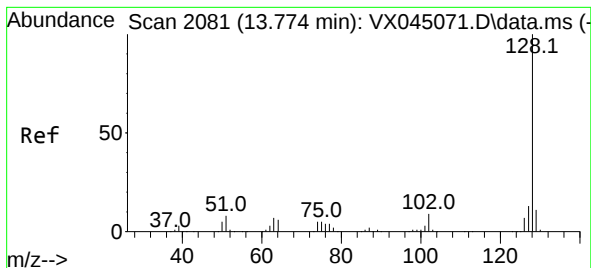
Delta R.T. -0.006 min

Lab File: VX045100.D

Acq: 03 Mar 2025 08:47

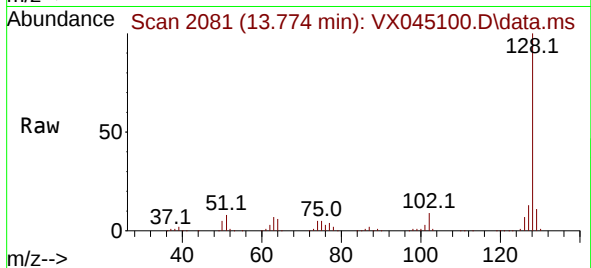
Tgt Ion:225	Resp:	34572
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.9 95.7
227	63.2	31.4 94.0





#95
Naphthalene
Concen: 50.637 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47

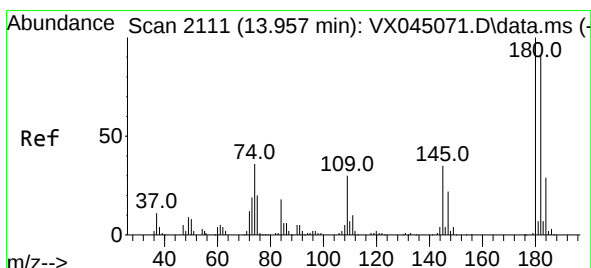
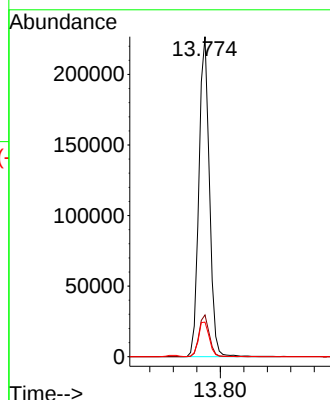
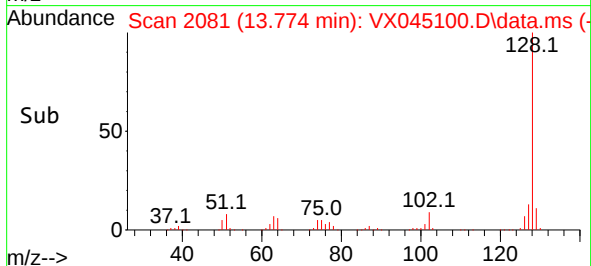
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



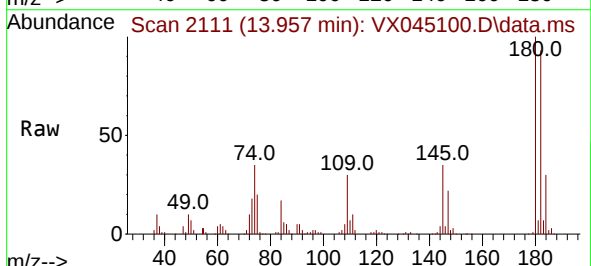
Tgt Ion:128 Resp: 280550
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 03/04/2025
Supervised By :Mahesh Dadoda 03/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.892 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045100.D
Acq: 03 Mar 2025 08:47



Tgt Ion:180 Resp: 81985
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.6
145 34.5 17.0 50.9

