

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045044.D
 Acq On : 26 Feb 2025 10:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 05:09:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	19230	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	102945	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	95036	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	55370	29.646	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.833%	
60) 4-Bromofluorobenzene	11.079	95	51813	29.168	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.233%	
63) Toluene-d8	8.641	98	158959	30.234	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.767%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31462	19.408	ug/l	99
3) Chloromethane	1.307	50	34040	17.532	ug/l	98
4) Vinyl Chloride	1.374	62	34434	18.379	ug/l	99
5) Bromomethane	1.593	94	13734	21.059	ug/l	95
6) Chloroethane	1.666	64	19019	18.743	ug/l	90
7) Trichlorofluoromethane	1.874	101	49435	19.632	ug/l	94
8) Diethyl Ether	2.130	74	17965	18.856	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	28198	18.855	ug/l	99
10) 1,1-Dichloroethene	2.306	96	27377	18.741	ug/l	87
11) Methyl Iodide	2.441	142	28925	17.495	ug/l	96
12) Methyl Acetate	2.697	43	37181	21.918	ug/l	97
13) Acrolein	2.233	56	44256	130.158	ug/l	98
14) Acrylonitrile	3.062	53	85687	103.413	ug/l	99
15) Acetone	2.380	58	25551	112.437	ug/l	98
16) Carbon Disulfide	2.502	76	73537	17.747	ug/l	99
17) Allyl chloride	2.654	41	51459	18.834	ug/l	98
18) Methylene Chloride	2.782	84	30781	18.734	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	27485	18.597	ug/l	97
20) Diisopropyl ether	3.757	45	99862	19.020	ug/l	88
21) 1,1-Dichloroethane	3.599	63	54908	18.804	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	33612	18.979	ug/l	99
23) tert-Butyl Alcohol	2.971	59	27816	96.162	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	90352	18.950	ug/l	100
25) Chloroform	5.080	83	55342	19.622	ug/l	94
26) Cyclohexane	5.458	56	49397	18.327	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	36670	19.364	ug/l	99
30) 2-Butanone	4.550	43	121667	111.235	ug/l	99
31) 2,2-Dichloropropane	4.465	77	40695	19.005	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	45638	19.891	ug/l	98
33) Carbon Tetrachloride	5.666	117	38939	20.109	ug/l	98
34) Benzene	6.031	78	117417	19.772	ug/l	98
35) Methacrylonitrile	4.916	41	25005	21.363	ug/l	95
36) 1,2-Dichloroethane	6.080	62	41224	20.276	ug/l	98
37) Trichloroethene	7.117	130	27352	19.687	ug/l	96
38) Methylcyclohexane	7.373	83	49126	19.321	ug/l	98
39) 1,2-Dichloropropane	7.421	63	28774	19.489	ug/l	98
40) Dibromomethane	7.580	93	21468	20.263	ug/l	98
41) Bromodichloromethane	7.818	83	42398	20.135	ug/l	96
42) Vinyl Acetate	3.715	43	415494	97.890	ug/l	100

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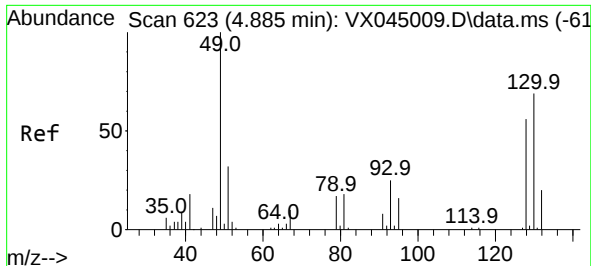
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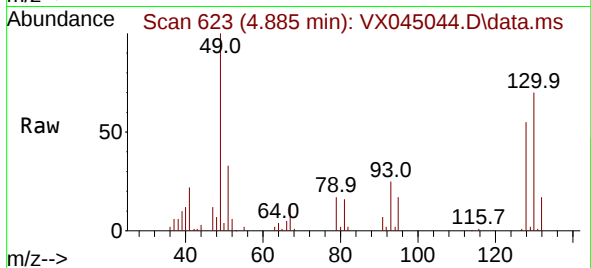
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	41236	20.103	ug/l #	81
44) Isopropyl Acetate	6.336	43	69278	20.521	ug/l	98
45) 1,4-Dioxane	7.659	88	14555	414.728	ug/l	97
46) Methyl methacrylate	7.690	41	33818	20.429	ug/l	98
47) n-amyl Acetate	10.842	43	54130	18.477	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	37126	18.292	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	44780	19.490	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	28405	20.554	ug/l	94
51) Ethyl methacrylate	9.110	69	41117	18.918	ug/l	99
52) 1,3-Dichloropropane	9.305	76	49436	20.416	ug/l	98
53) Dibromochloromethane	9.519	129	30769	20.131	ug/l	96
54) 1,2-Dibromoethane	9.604	107	28746	20.485	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	97607	87.452	ug/l	99
56) Bromoform	10.799	173	19184	20.030	ug/l	100
58) 4-Methyl-2-Pentanone	8.568	43	231515	107.090	ug/l	99
59) 2-Hexanone	9.427	43	163605	104.699	ug/l	100
61) Tetrachloroethene	9.269	164	23592	20.159	ug/l	96
62) Toluene	8.714	91	125287	19.901	ug/l	100
64) Chlorobenzene	10.073	112	77755	19.931	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	25296	19.651	ug/l	99
66) Ethyl Benzene	10.189	91	135083	19.599	ug/l	98
67) m/p-Xylenes	10.299	106	102314	39.842	ug/l	99
68) o-Xylene	10.640	106	50250	19.944	ug/l	98
69) Styrene	10.653	104	83136	19.756	ug/l	98
70) Isopropylbenzene	10.957	105	129729	19.952	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	42766	20.002	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	35491m	20.181	ug/l	
73) Bromobenzene	11.195	156	29403	19.643	ug/l	100
74) n-propylbenzene	11.299	91	149615	19.336	ug/l	99
75) 2-Chlorotoluene	11.360	91	90923	19.437	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	106138	19.787	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	10999	18.590	ug/l	92
78) 4-Chlorotoluene	11.451	91	100745	19.320	ug/l	100
79) tert-butylbenzene	11.713	119	107314	19.856	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	104704	19.486	ug/l	98
81) sec-Butylbenzene	11.890	105	132184	19.487	ug/l	99
82) p-Isopropyltoluene	12.006	119	106300	19.341	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	51967	18.660	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	52050	18.955	ug/l	98
85) n-Butylbenzene	12.329	91	93367	18.603	ug/l	98
86) Hexachloroethane	12.536	117	18705	19.298	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	52340	19.154	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7886	19.050	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	30337	18.317	ug/l	96
90) Hexachlorobutadiene	13.725	225	12973	19.208	ug/l	97
91) Naphthalene	13.774	128	108849	18.639	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	31303	18.359	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

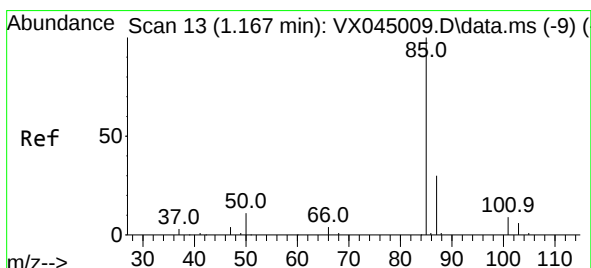
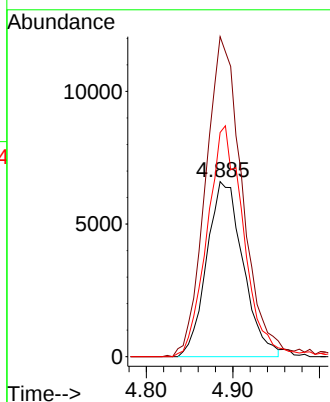
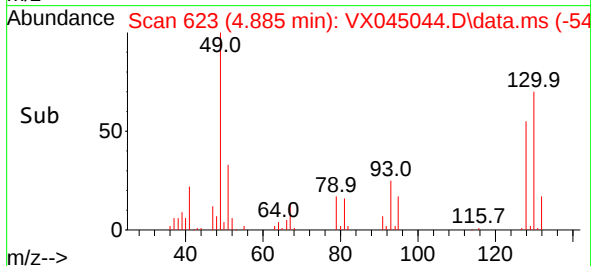
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 19230
Ion Ratio Lower Upper
128 100
49 184.6 0.0 449.7
130 131.7 0.0 312.7

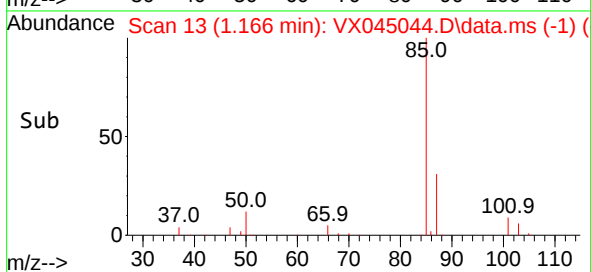
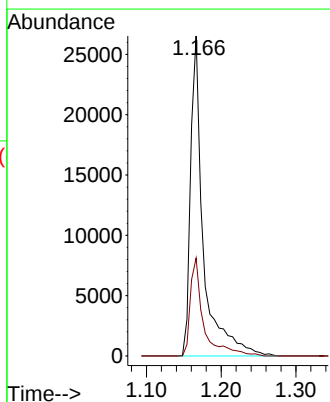
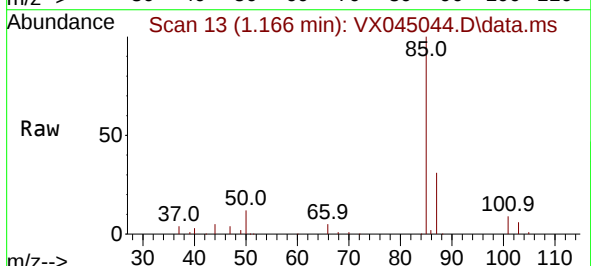
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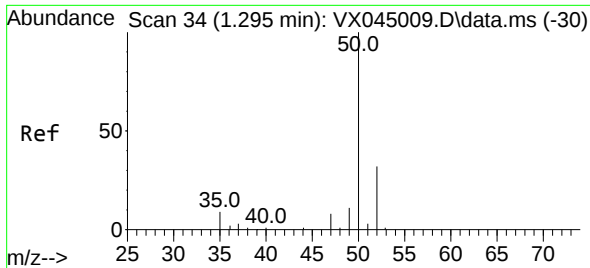
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#2
Dichlorodifluoromethane
Concen: 19.408 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 85 Resp: 31462
Ion Ratio Lower Upper
85 100
87 30.6 15.1 45.3





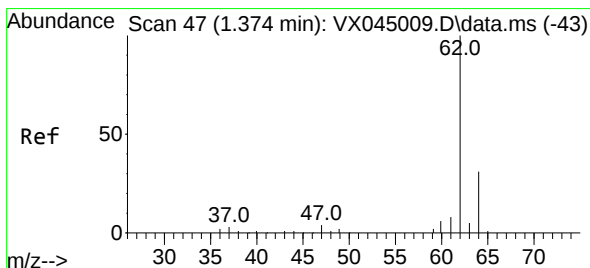
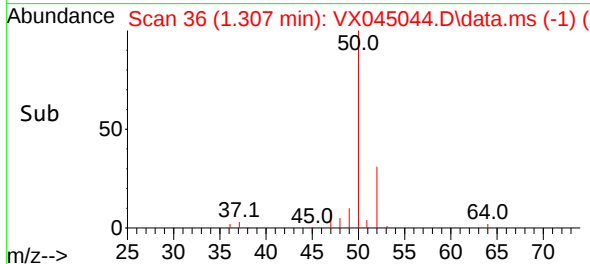
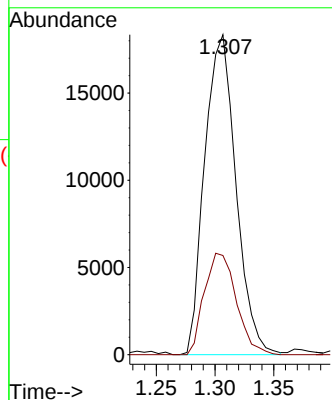
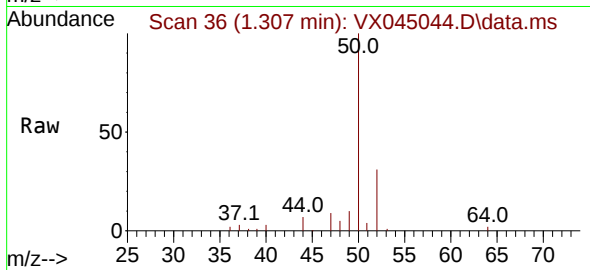
#3
Chloromethane
Concen: 17.532 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 34040
Ion Ratio Lower Upper
50 100
52 31.0 25.7 38.5

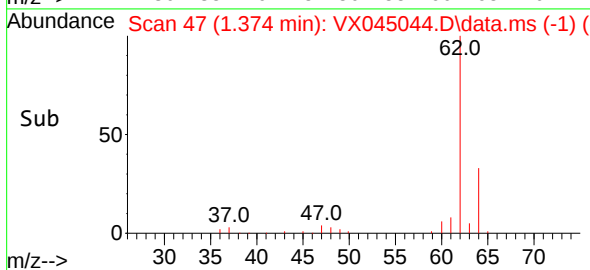
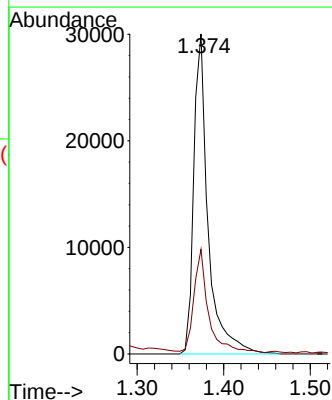
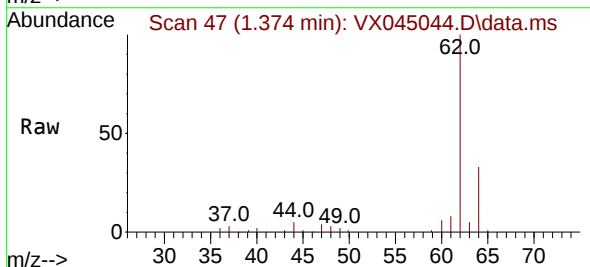
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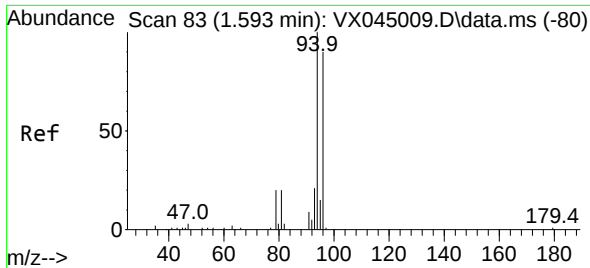
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#4
Vinyl Chloride
Concen: 18.379 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

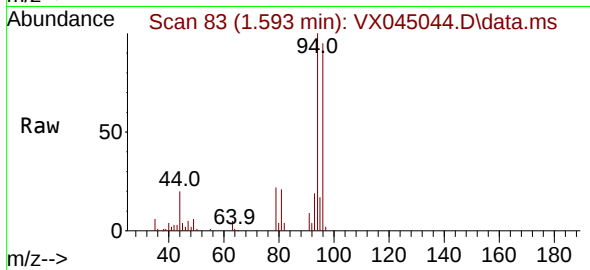
Tgt Ion: 62 Resp: 34434
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 21.059 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

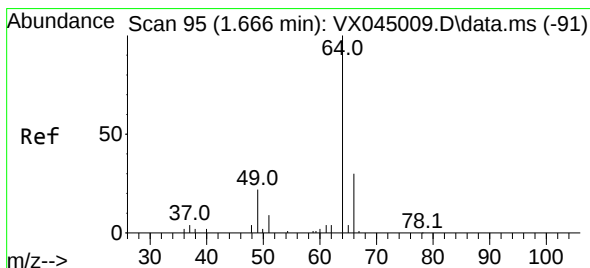
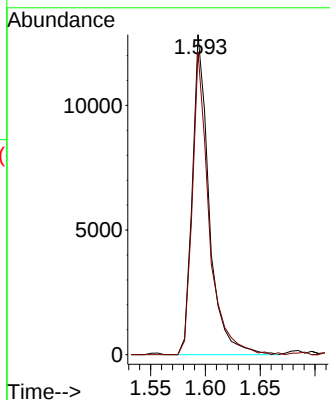
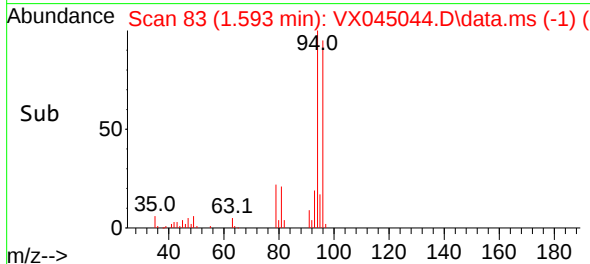
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 13734
Ion Ratio Lower Upper
94 100
96 94.6 72.2 108.4

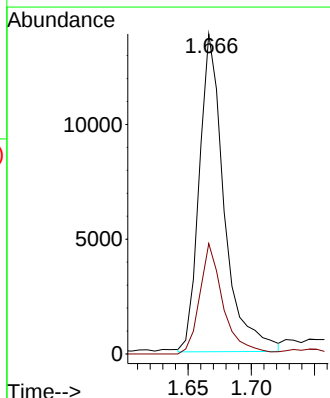
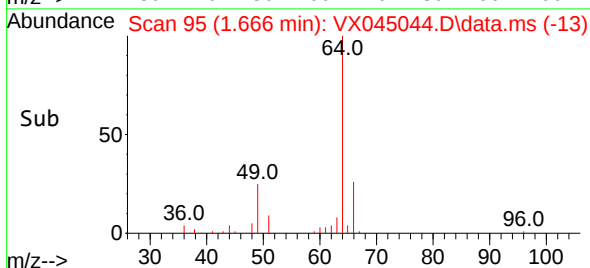
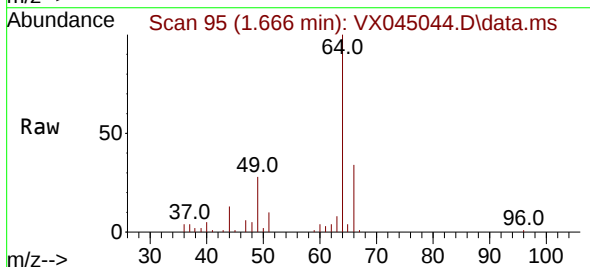
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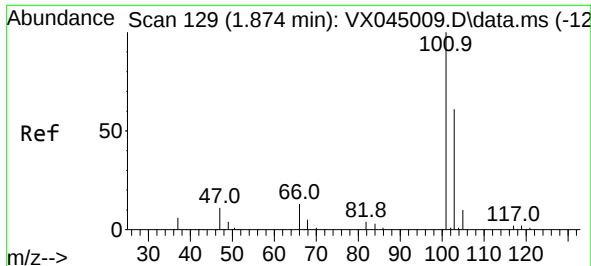
Reviewed By :John Carlone 02/27/2025
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#6
Chloroethane
Concen: 18.743 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

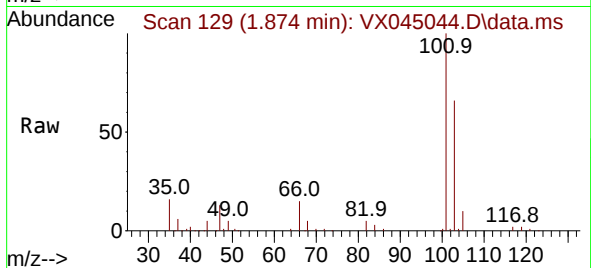
Tgt Ion: 64 Resp: 19019
Ion Ratio Lower Upper
64 100
66 35.0 23.7 35.5





#7
Trichlorofluoromethane
Concen: 19.632 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

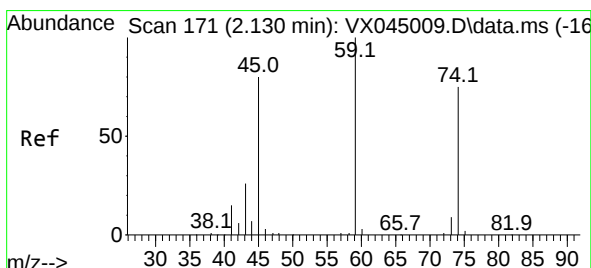
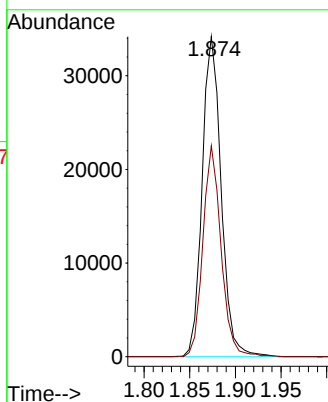
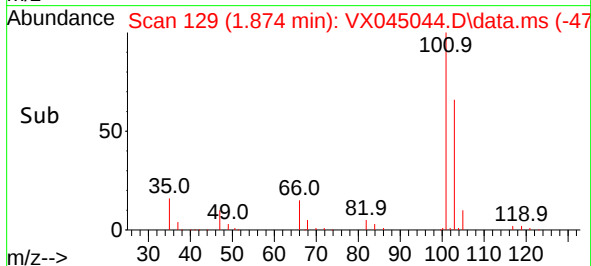
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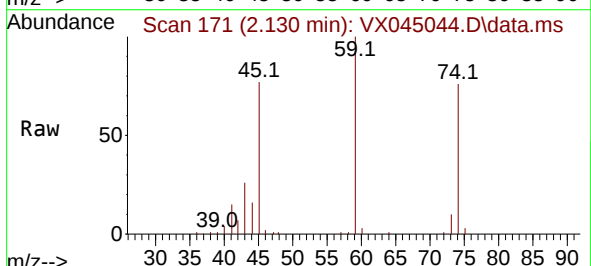
Tgt Ion:101 Resp: 4943
Ion Ratio Lower Upper
101 100
103 65.7 48.8 73.2

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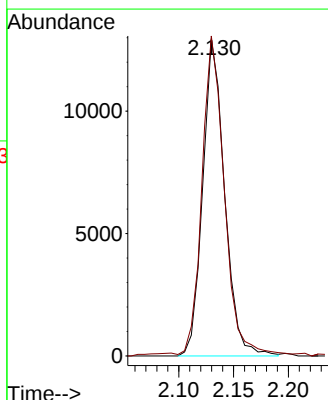
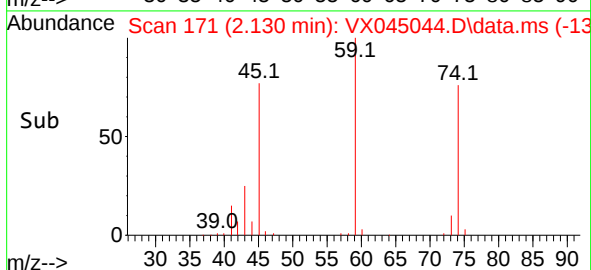
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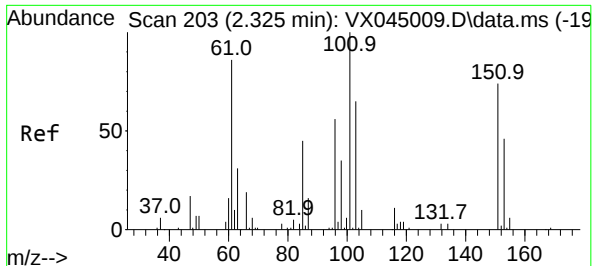


#8
Diethyl Ether
Concen: 18.856 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



Tgt Ion: 74 Resp: 17965
Ion Ratio Lower Upper
74 100
45 103.7 20.8 186.8





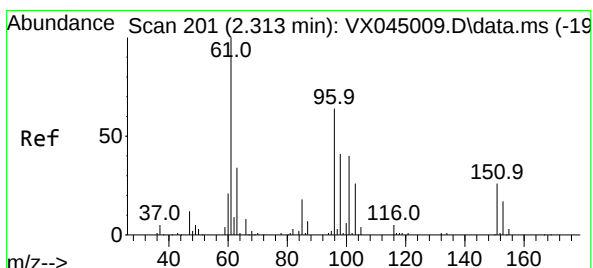
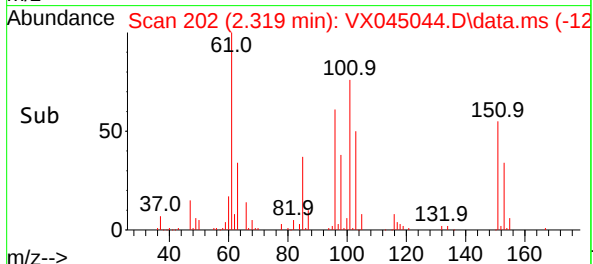
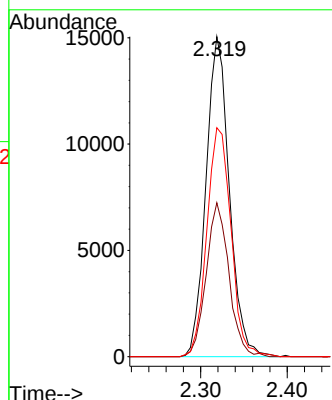
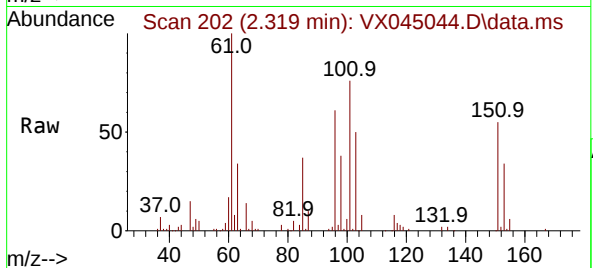
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.855 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045044.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 28198
Ion Ratio Lower Upper
101 100
85 46.9 0.0 90.6
151 74.1 0.0 147.6

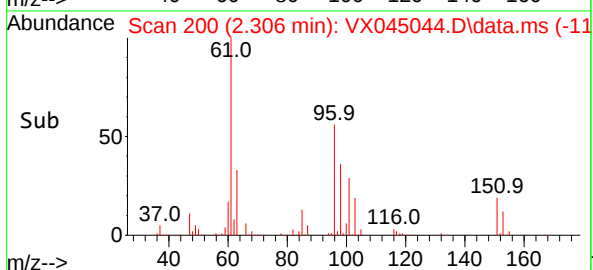
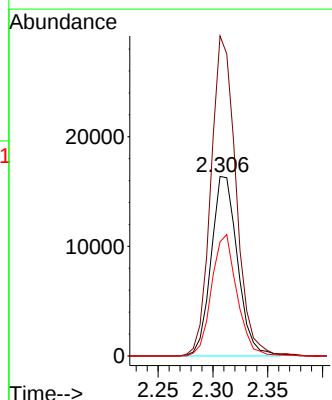
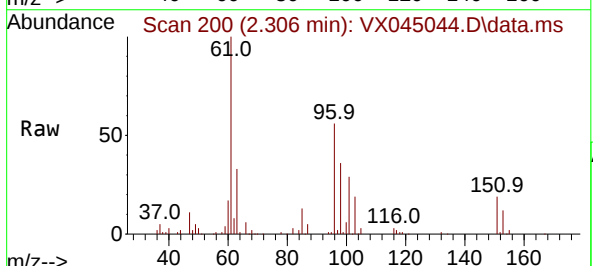
Manual Integrations
APPROVED

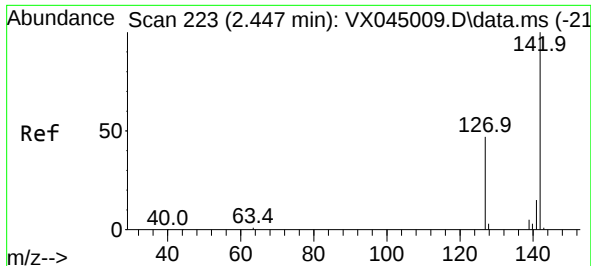
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#10
1,1-Dichloroethene
Concen: 18.741 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

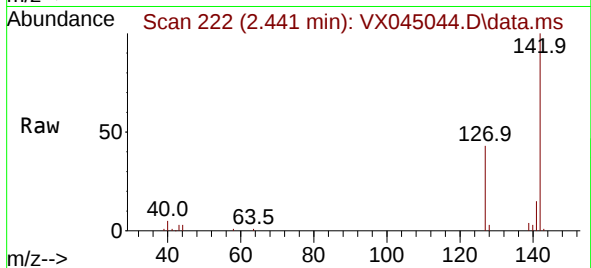
Tgt Ion: 96 Resp: 27377
Ion Ratio Lower Upper
96 100
61 178.3 124.2 186.2
98 63.5 51.1 76.7





#11
Methyl Iodide
Concen: 17.495 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

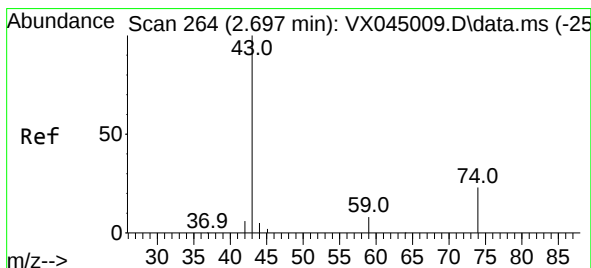
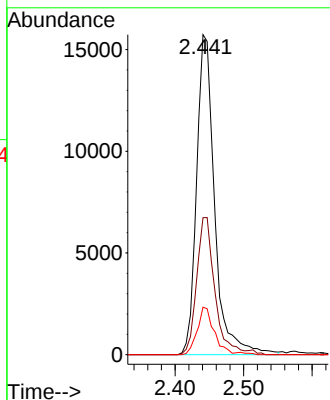
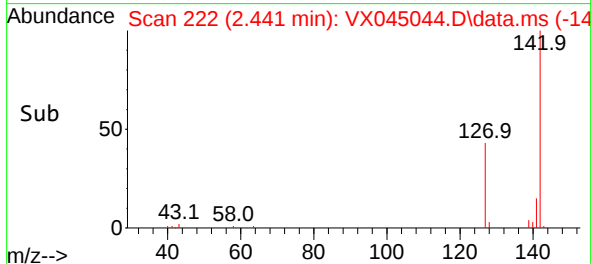
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 28925
Ion Ratio Lower Upper
142 100
127 43.0 23.3 69.9
141 14.9 7.5 22.6

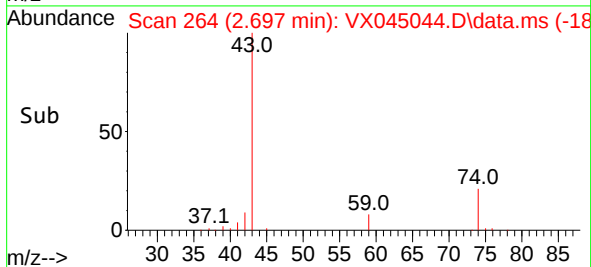
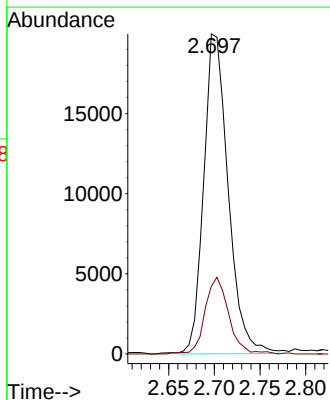
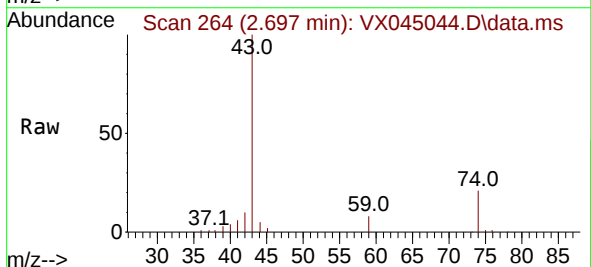
Manual Integrations
APPROVED

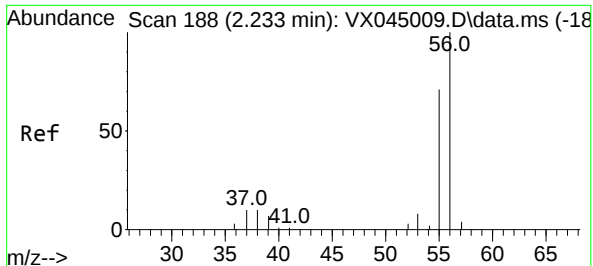
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#12
Methyl Acetate
Concen: 21.918 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

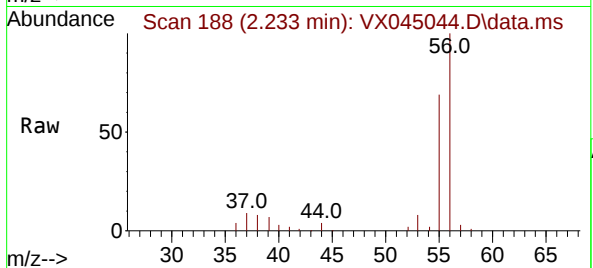
Tgt Ion: 43 Resp: 37181
Ion Ratio Lower Upper
43 100
74 21.1 17.9 26.9





#13
Acrolein
Concen: 130.158 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

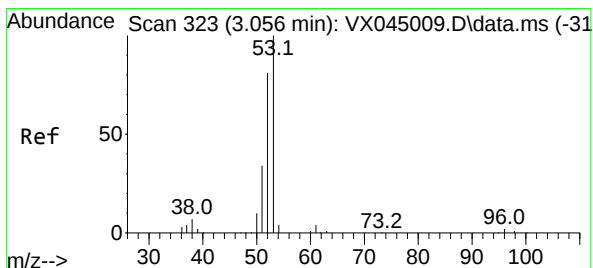
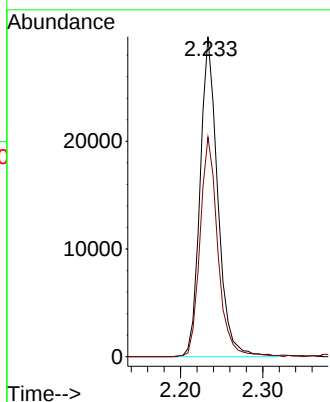
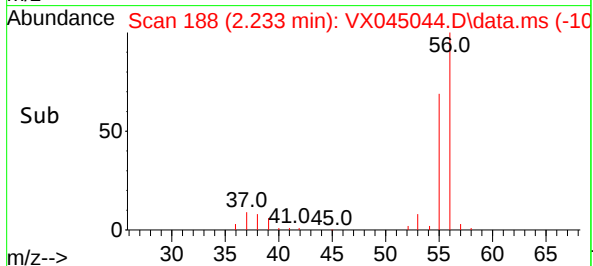
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



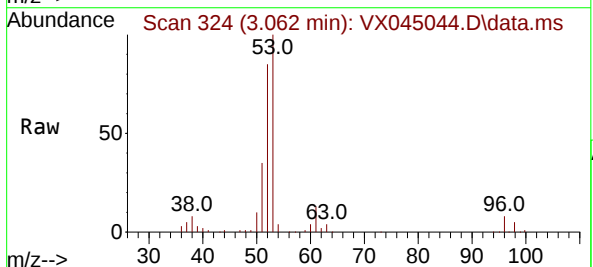
Tgt Ion: 56 Resp: 44250
Ion Ratio Lower Upper
56 100
55 67.5 55.4 83.2

Manual Integrations
APPROVED

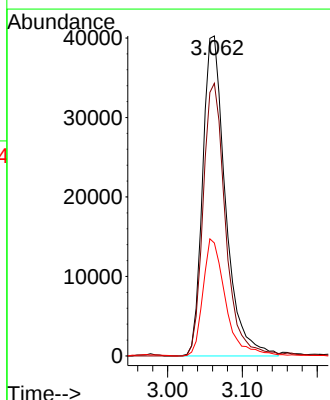
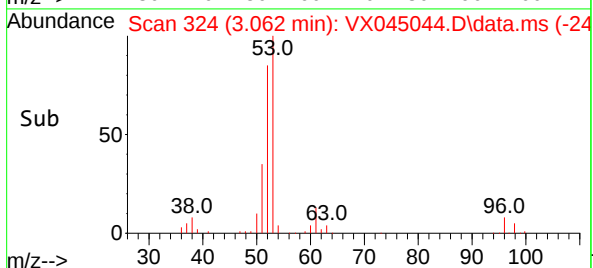
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

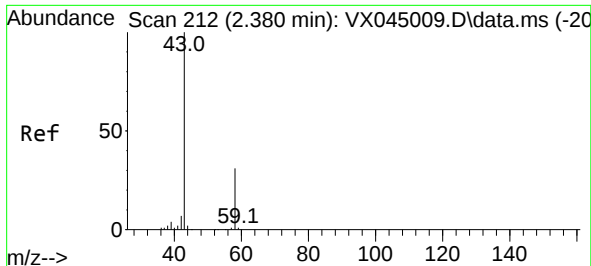


#14
Acrylonitrile
Concen: 103.413 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



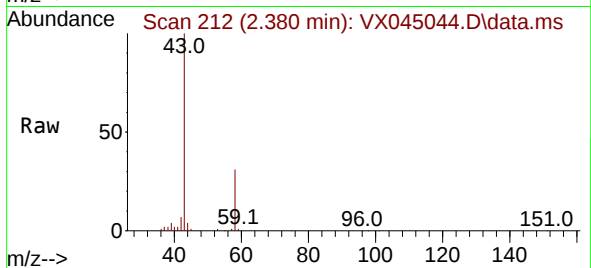
Tgt Ion: 53 Resp: 85687
Ion Ratio Lower Upper
53 100
52 83.3 40.9 122.8
51 36.1 18.0 54.0





#15
Acetone
Concen: 112.437 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

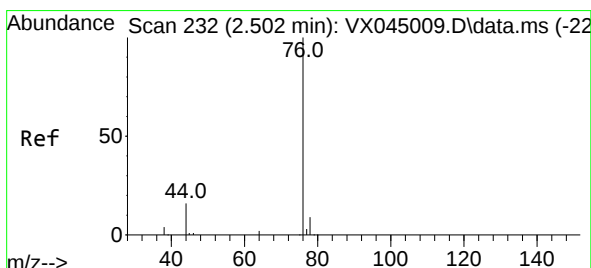
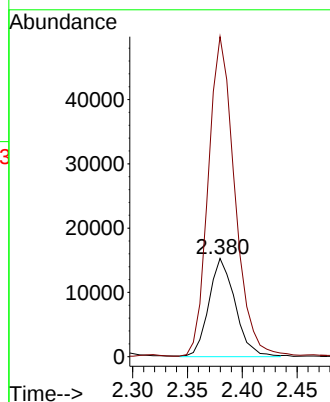
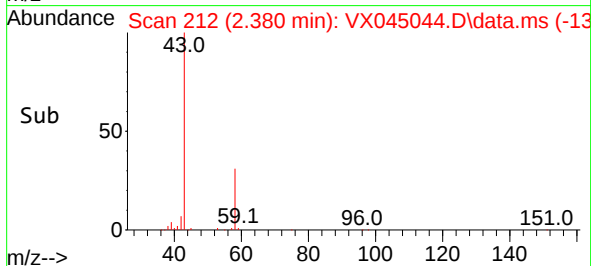
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 2555
Ion Ratio Lower Upper
58 100
43 327.1 258.6 388.0

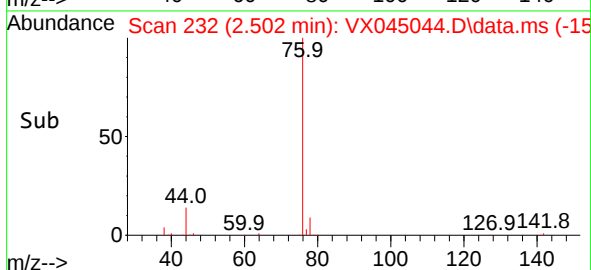
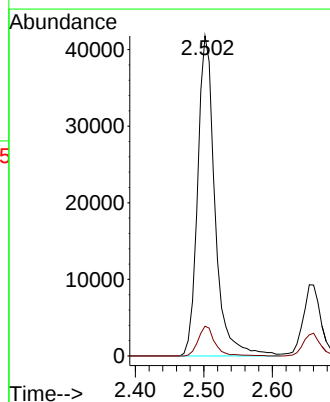
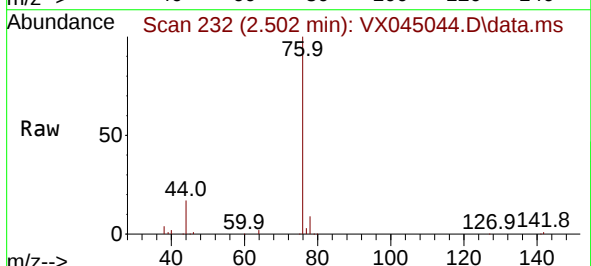
Manual Integrations
APPROVED

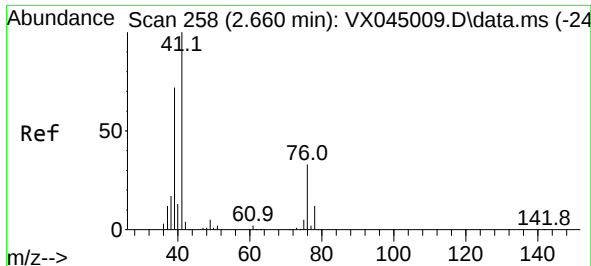
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#16
Carbon Disulfide
Concen: 17.747 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

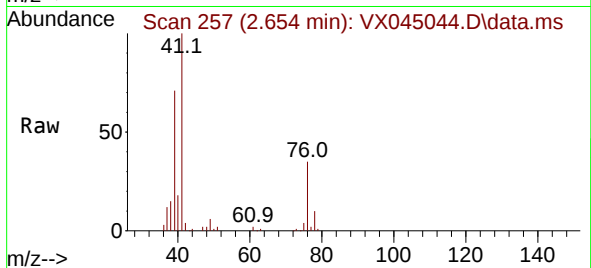
Tgt Ion: 76 Resp: 73537
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17
 Allyl chloride
 Concen: 18.834 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

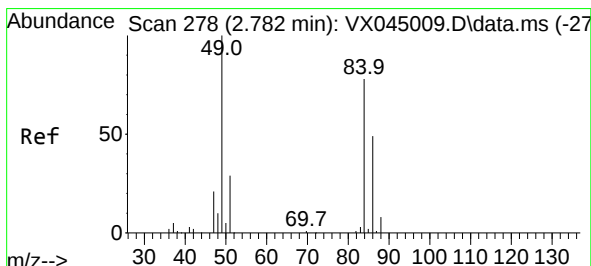
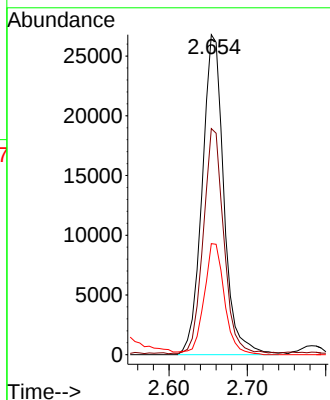
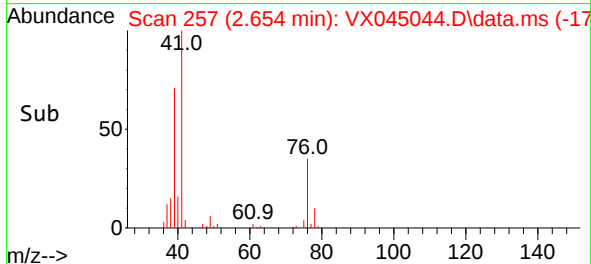
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 51459
 Ion Ratio Lower Upper
 41 100
 39 70.3 36.2 108.6
 76 34.7 17.2 51.5

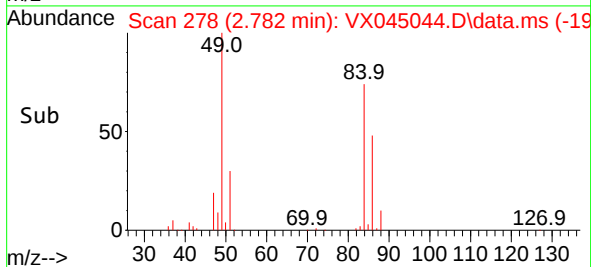
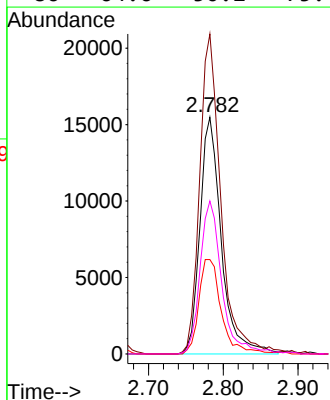
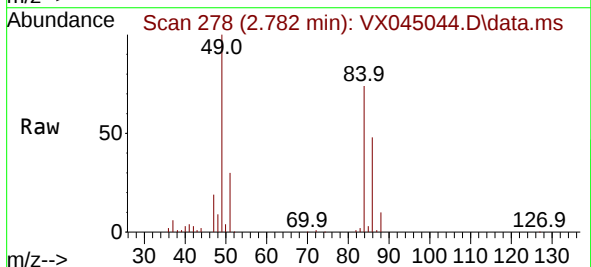
Manual Integrations
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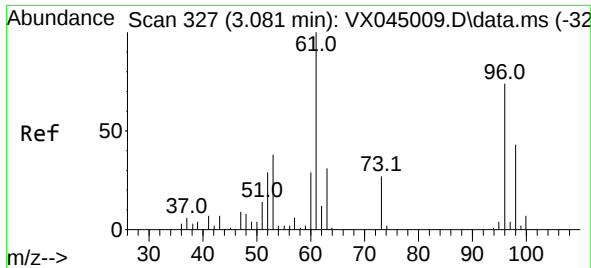
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#18
 Methylene Chloride
 Concen: 18.734 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion: 84 Resp: 30781
 Ion Ratio Lower Upper
 84 100
 49 135.2 102.8 154.2
 51 39.9 30.1 45.1
 86 64.6 50.2 75.4





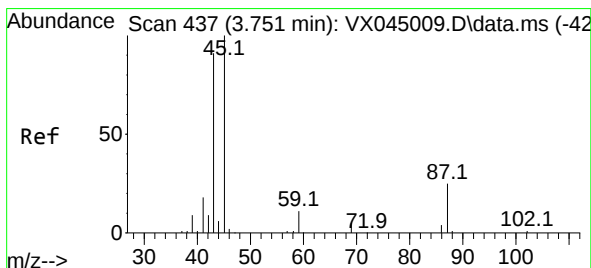
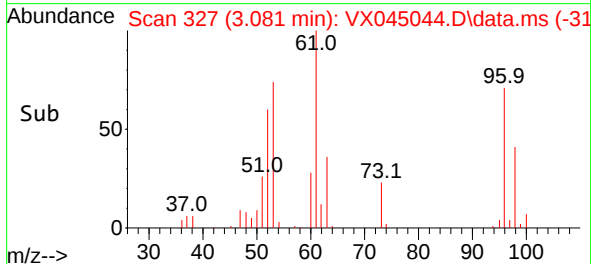
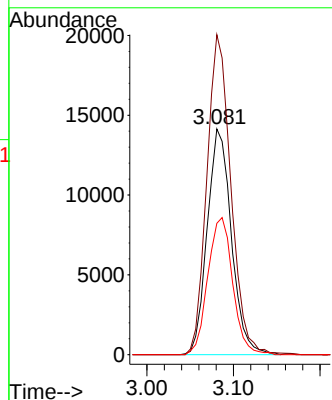
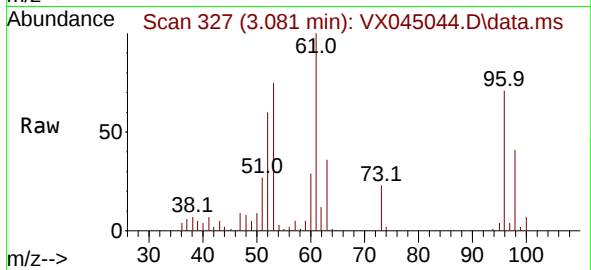
#19
trans-1,2-Dichloroethene
Concen: 18.597 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 2748
Ion Ratio Lower Upper
96 100
61 141.7 108.6 163.0
98 58.2 46.5 69.7

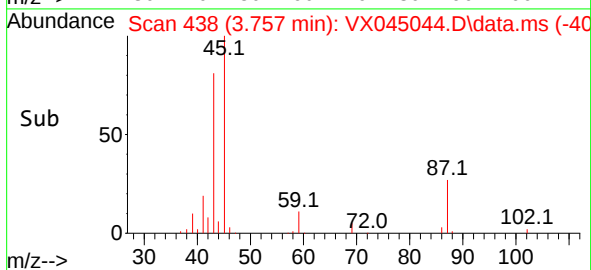
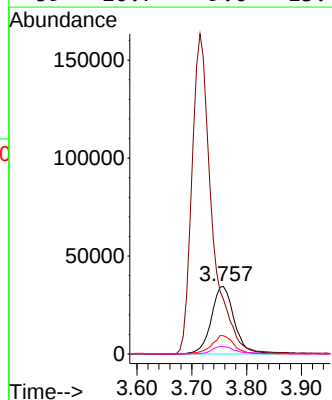
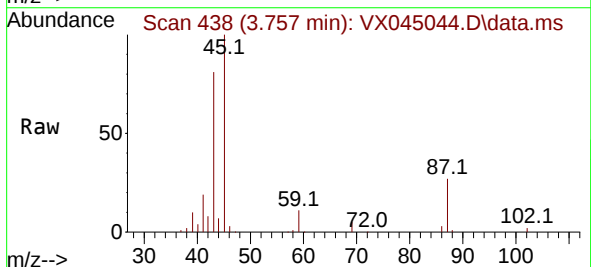
Manual Integrations
APPROVED

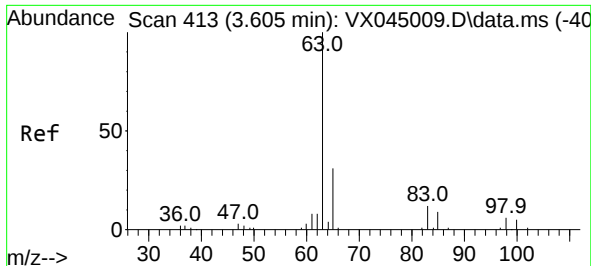
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Diisopropyl ether
Concen: 19.020 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 45 Resp: 99862
Ion Ratio Lower Upper
45 100
43 78.6 74.4 111.6
87 27.1 19.8 29.8
59 10.7 9.0 13.4





#21

1,1-Dichloroethane

Concen: 18.804 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

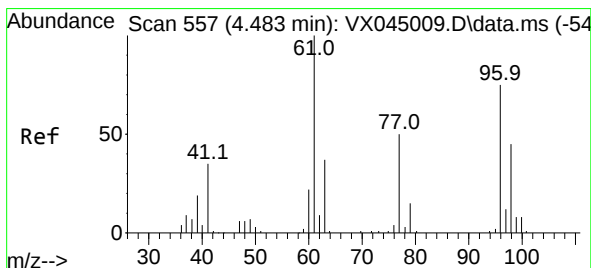
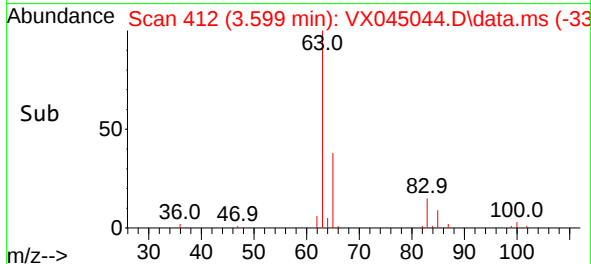
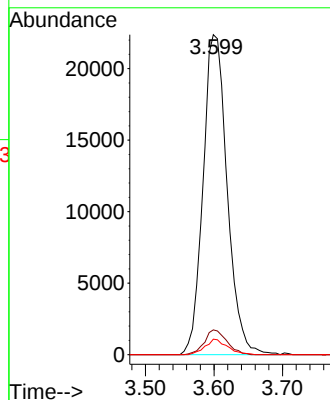
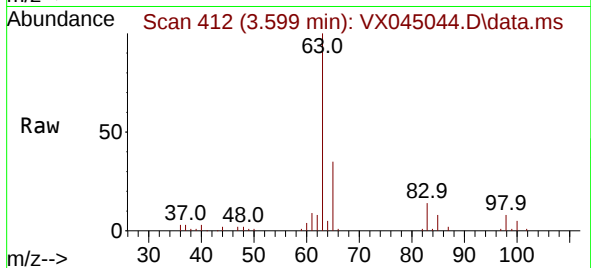
Tgt Ion: 63	Resp: 5490
Ion Ratio	Lower Upper
63 100	
98 7.7	3.3 9.8
100 4.9	2.4 7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#22

cis-1,2-Dichloroethene

Concen: 18.979 ug/l

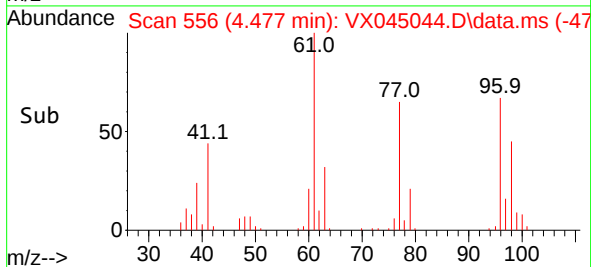
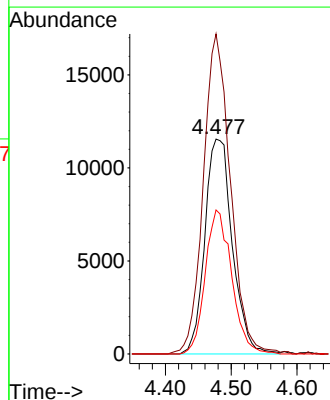
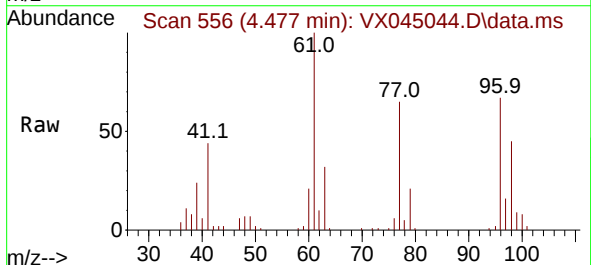
RT: 4.477 min Scan# 556

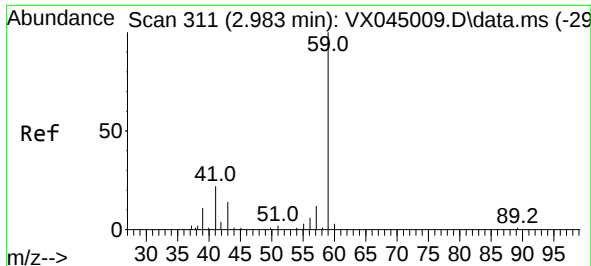
Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Tgt Ion: 96	Resp: 33612
Ion Ratio	Lower Upper
96 100	
61 146.8	118.9 178.3
98 64.3	50.7 76.1





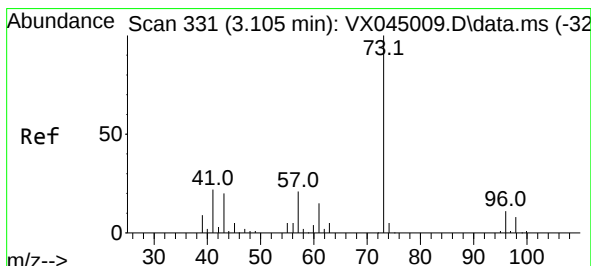
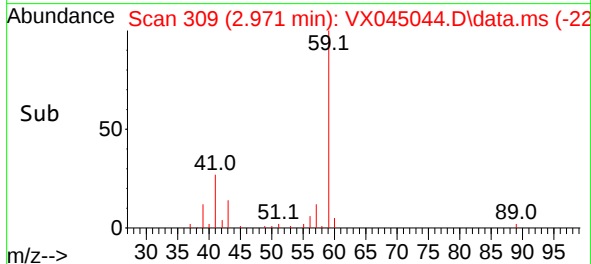
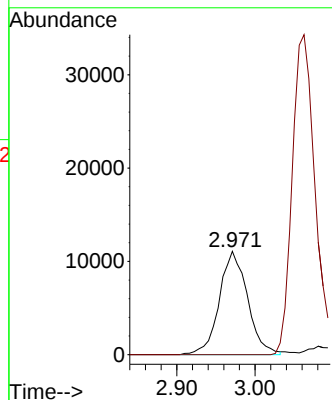
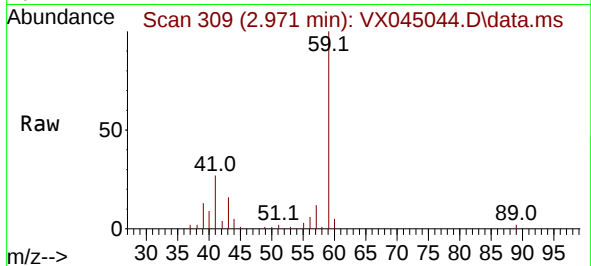
#23
tert-Butyl Alcohol
Concen: 96.162 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 27810
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

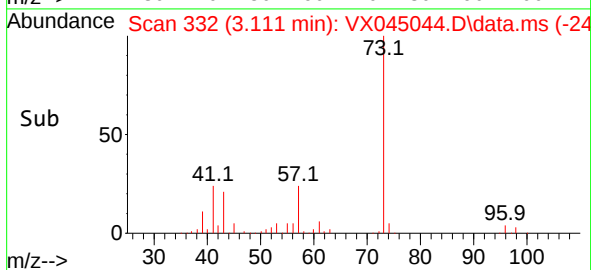
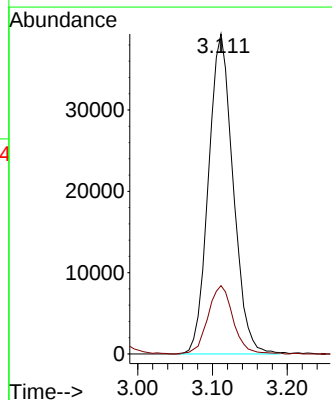
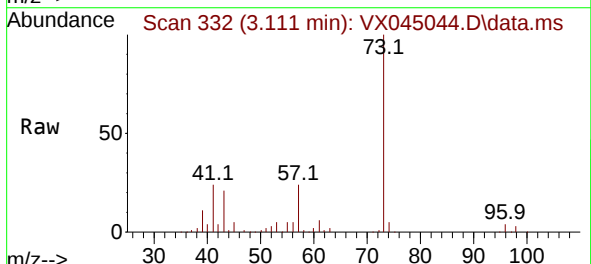
Manual Integrations
APPROVED

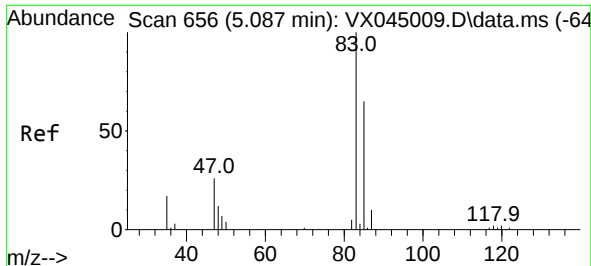
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#24
Methyl tert-Butyl Ether
Concen: 18.950 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 73 Resp: 90352
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0





#25

Chloroform

Concen: 19.622 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 5534

Ion Ratio Lower Upper

83 100

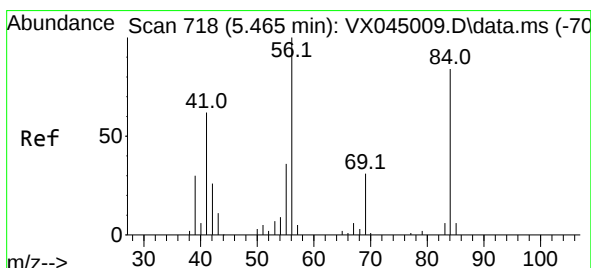
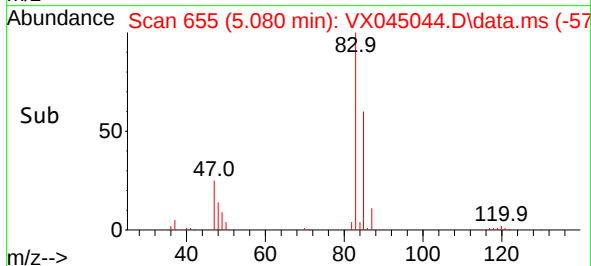
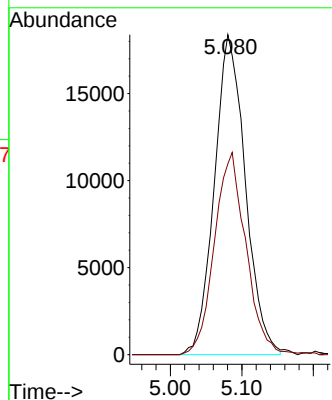
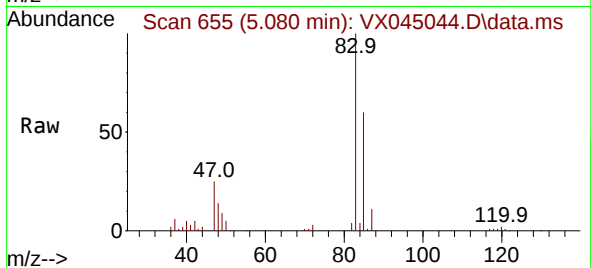
85 59.6 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#26

Cyclohexane

Concen: 18.327 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

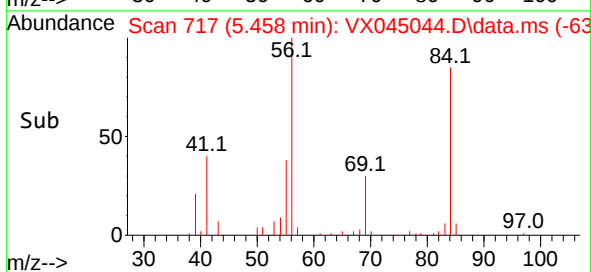
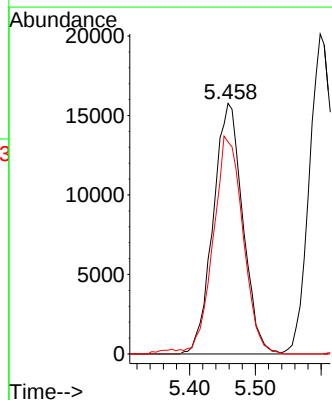
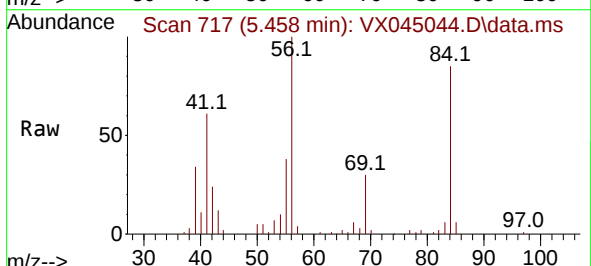
Tgt Ion: 56 Resp: 49397

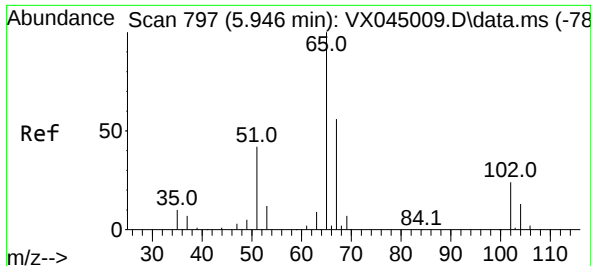
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.0 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 29.646 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 55370

Ion Ratio Lower Upper

65 100

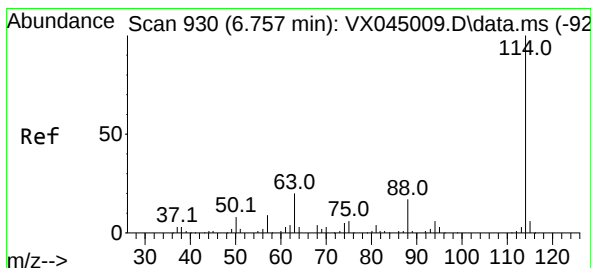
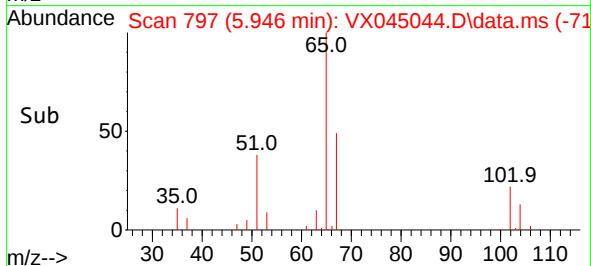
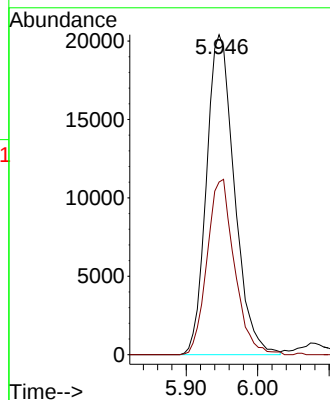
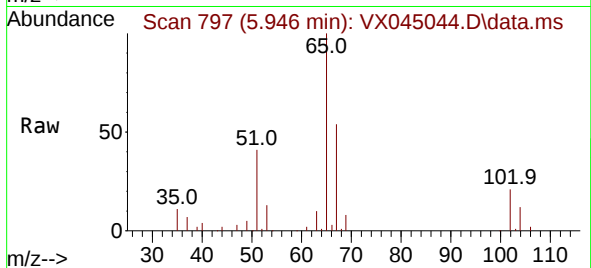
67 53.5 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

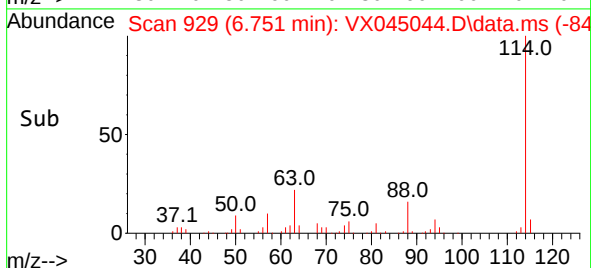
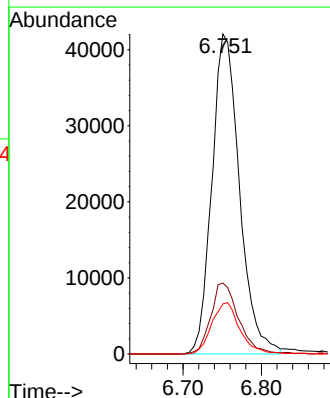
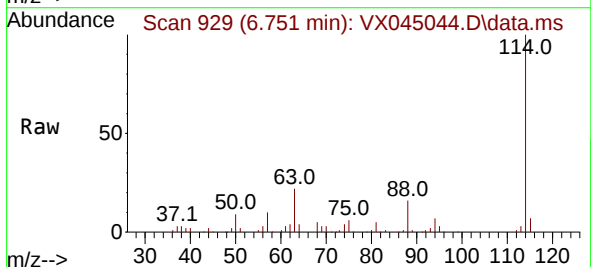
Tgt Ion:114 Resp: 102945

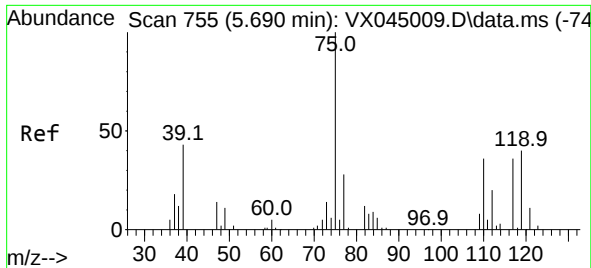
Ion Ratio Lower Upper

114 100

63 22.3 16.8 25.2

88 16.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.364 ug/l
RT: 5.684 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

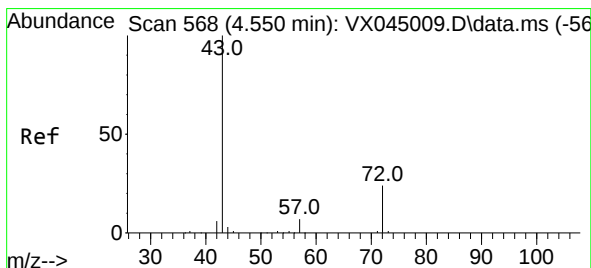
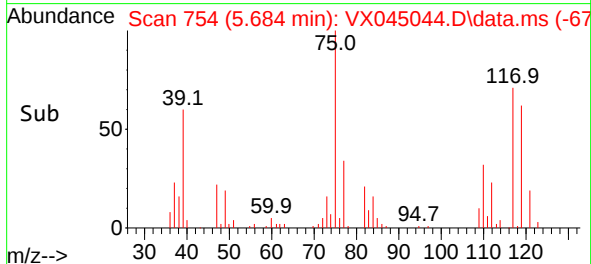
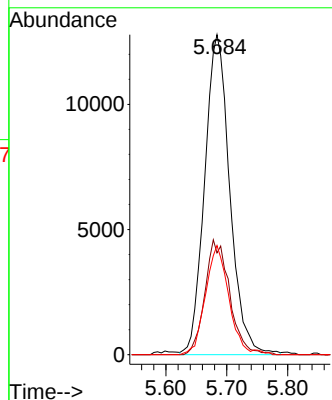
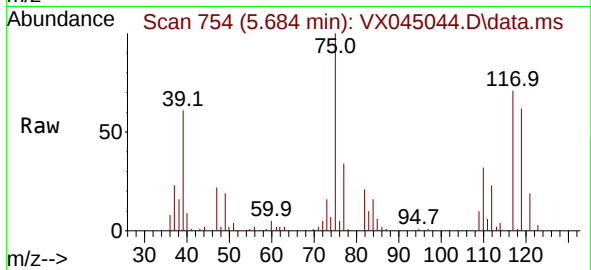
VSTDCCC020

Tgt Ion: 75 Resp: 36670
Ion Ratio Lower Upper
75 100
110 35.2 0.0 69.2
77 31.3 0.0 61.0

Manual Integrations

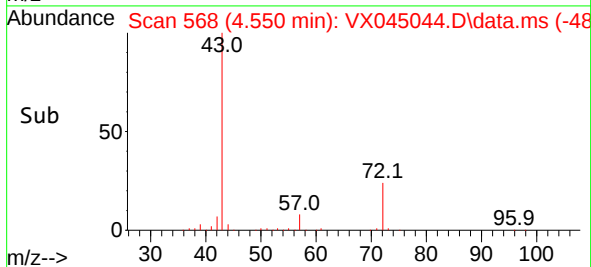
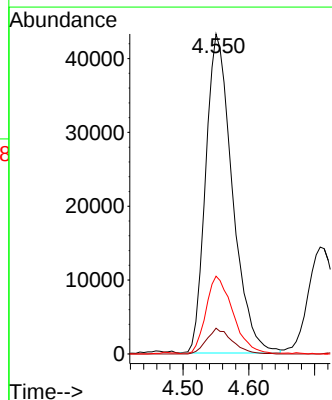
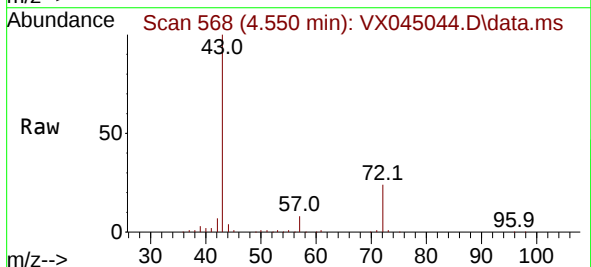
APPROVED

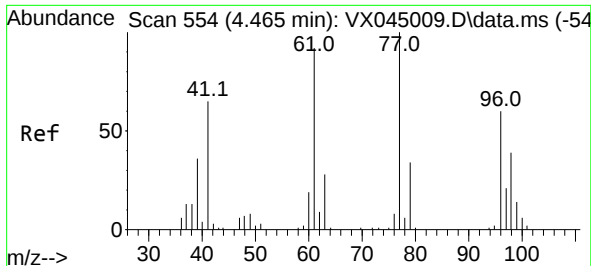
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#30
2-Butanone
Concen: 111.235 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 43 Resp: 121667
Ion Ratio Lower Upper
43 100
57 7.7 6.2 9.2
72 24.7 20.2 30.2





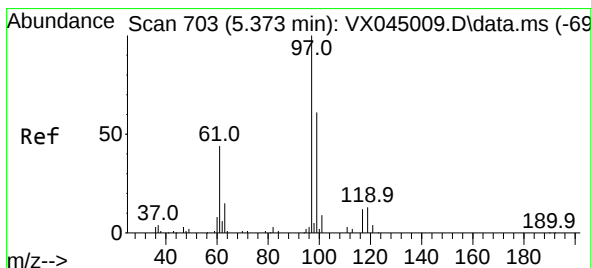
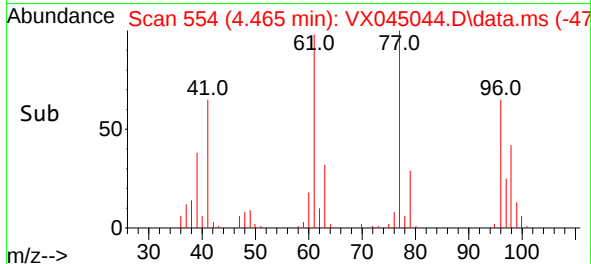
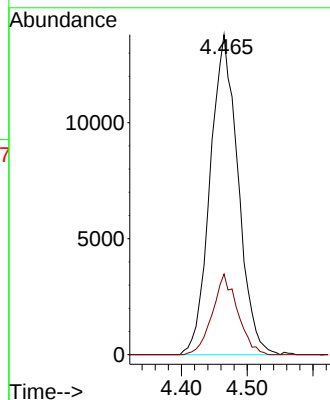
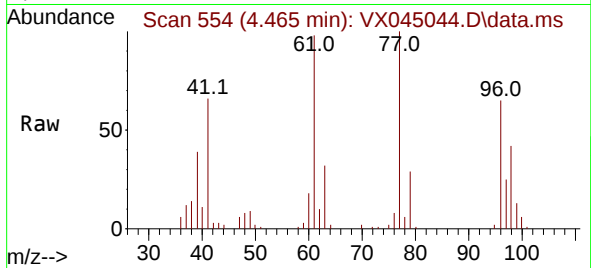
#31
2,2-Dichloropropane
Concen: 19.005 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 4069
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0

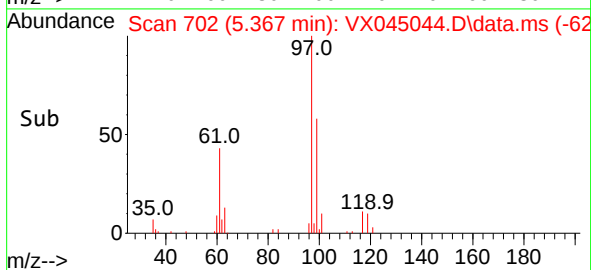
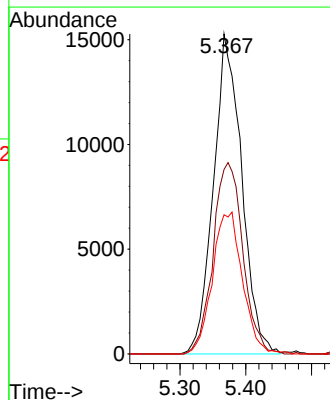
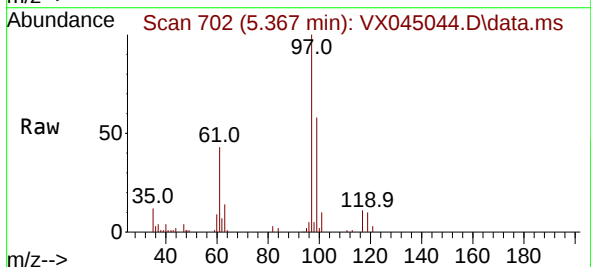
Manual Integrations
APPROVED

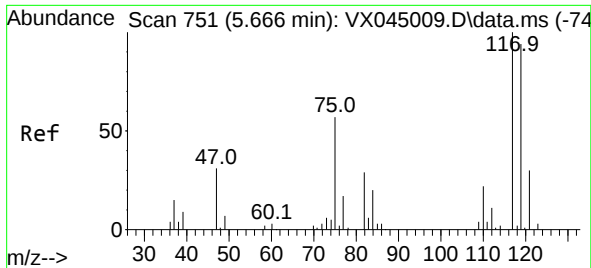
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#32
1,1,1-Trichloroethane
Concen: 19.891 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

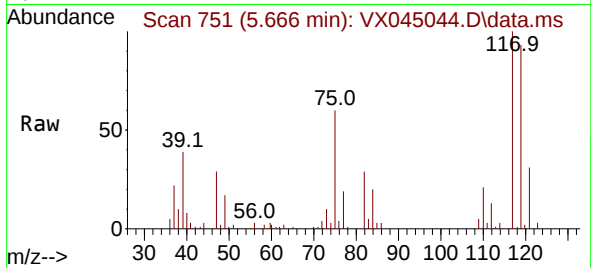
Tgt Ion: 97 Resp: 45638
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.2
61 46.8 38.5 57.7





#33
Carbon Tetrachloride
Concen: 20.109 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

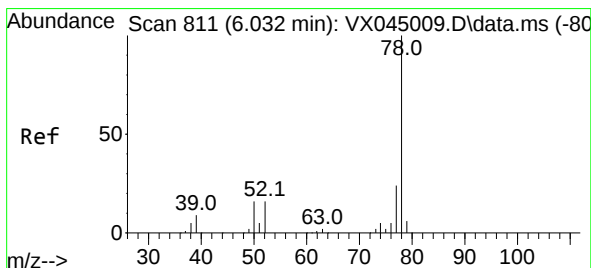
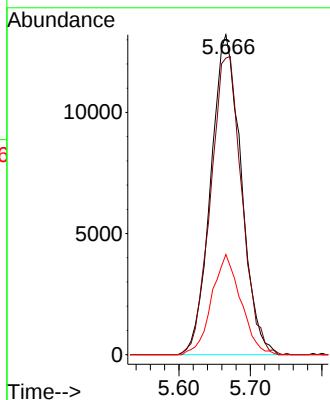
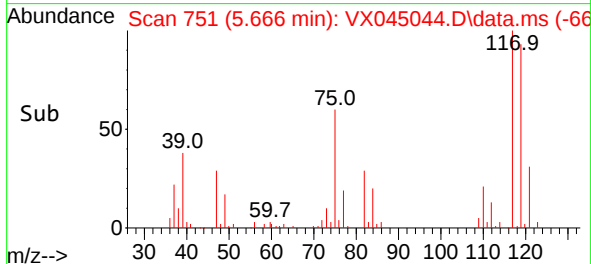
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



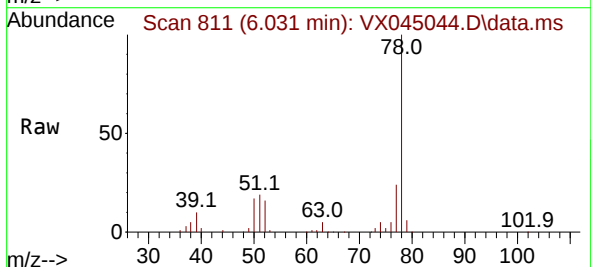
Tgt Ion:117 Resp: 38939
Ion Ratio Lower Upper
117 100
119 92.7 75.1 112.7
121 31.3 23.9 35.9

Manual Integrations
APPROVED

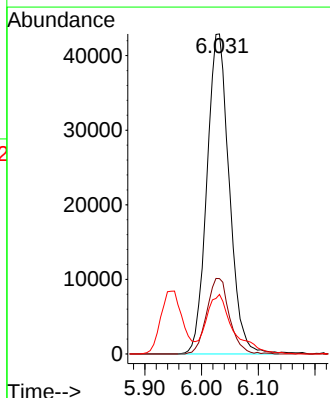
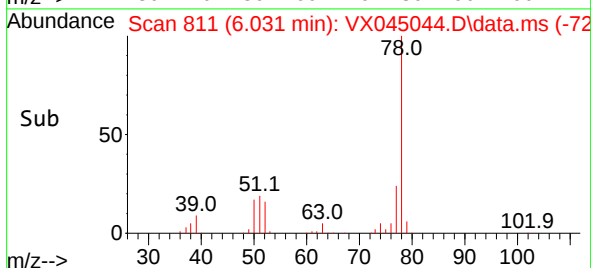
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

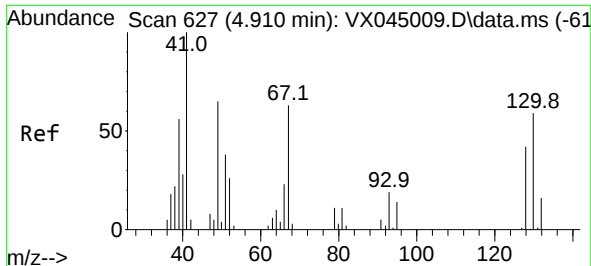


#34
Benzene
Concen: 19.772 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



Tgt Ion: 78 Resp: 117417
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4
51 18.2 13.8 20.6





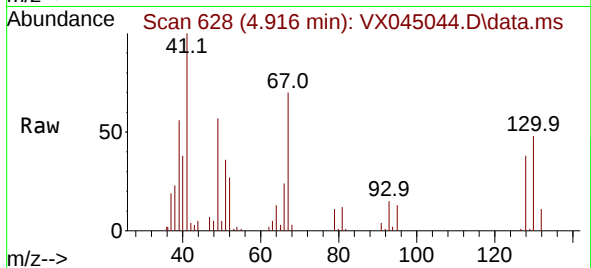
#35
Methacrylonitrile
Concen: 21.363 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



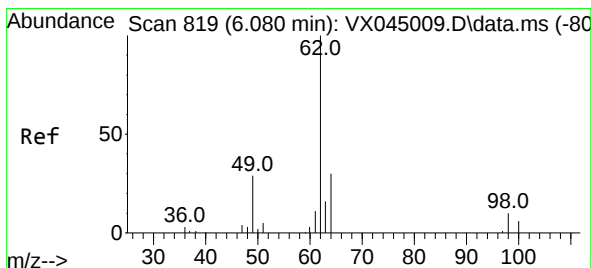
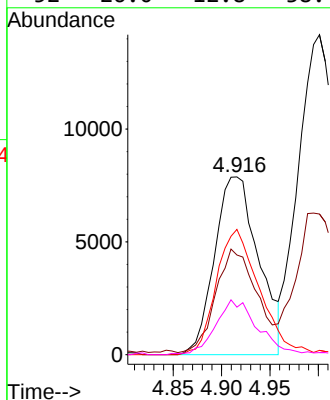
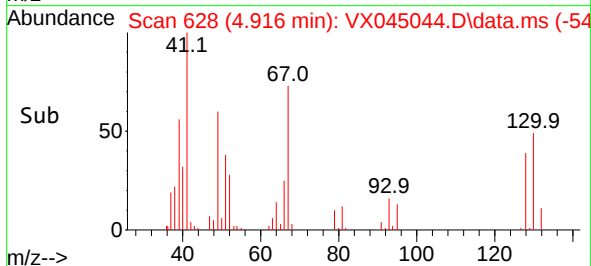
Tgt Ion: 41 Resp: 2500
Ion Ratio Lower Upper
41 100
39 55.0 27.8 83.4
67 70.4 31.5 94.5
52 26.0 12.8 38.4

Manual Integrations

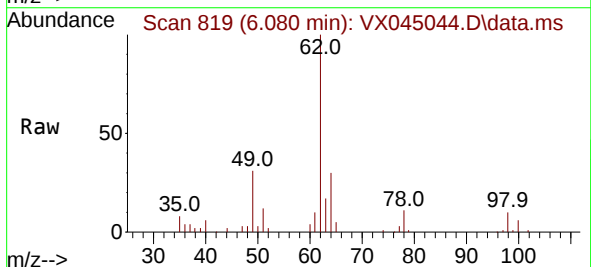
APPROVED

Reviewed By :John Carlone 02/27/2025

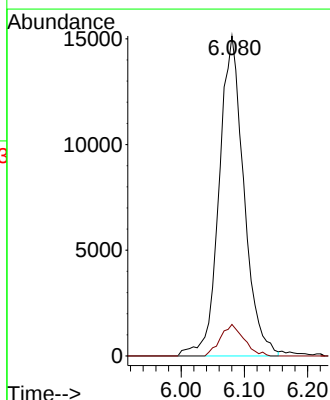
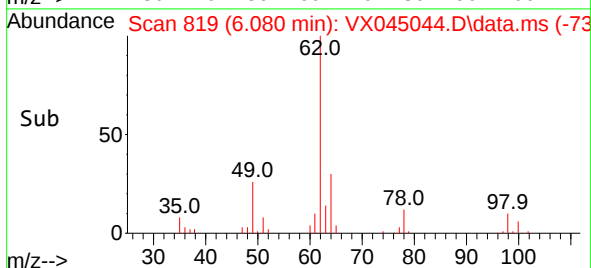
Supervised By :Mahesh Dadoda 02/27/2025

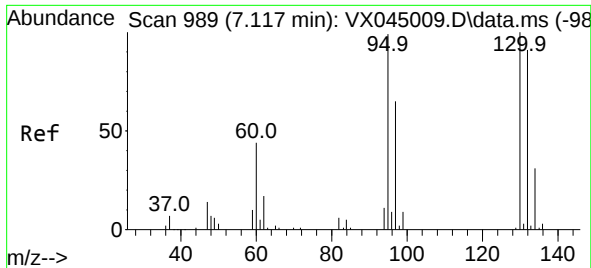


#36
1,2-Dichloroethane
Concen: 20.276 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



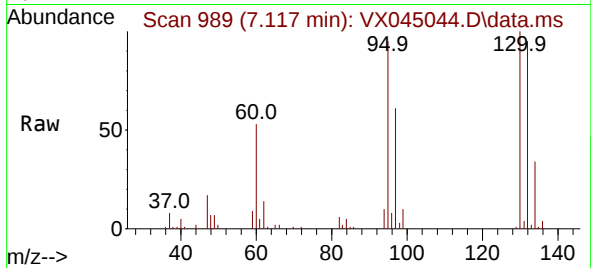
Tgt Ion: 62 Resp: 41224
Ion Ratio Lower Upper
62 100
98 9.3 7.9 11.9





#37
Trichloroethene
Concen: 19.687 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

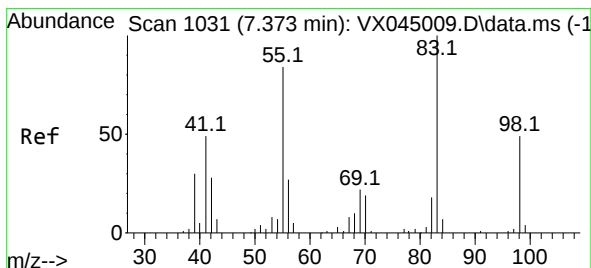
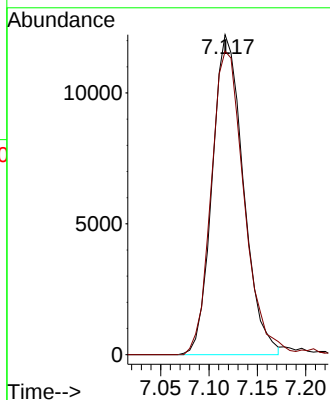
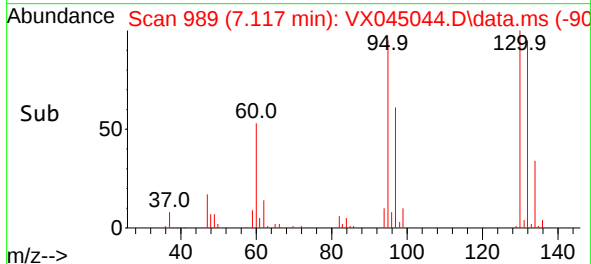
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



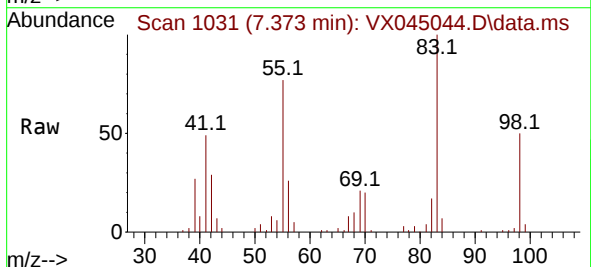
Tgt Ion:130 Resp: 27352
Ion Ratio Lower Upper
130 100
95 94.9 79.0 118.4

Manual Integrations
APPROVED

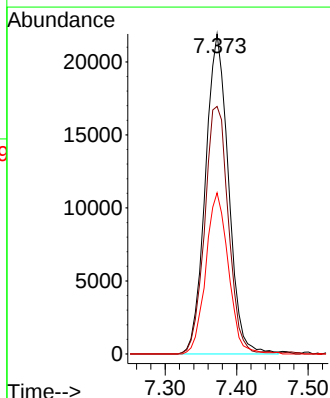
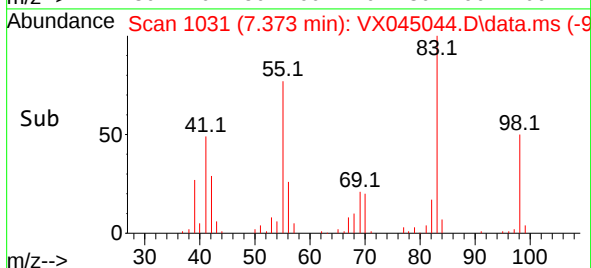
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

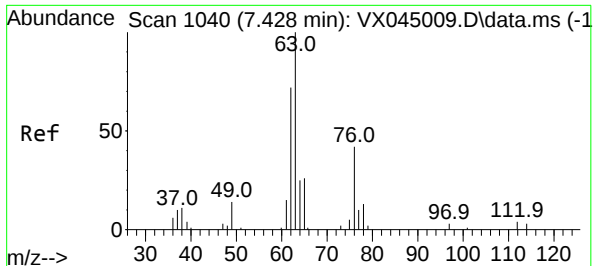


#38
Methylcyclohexane
Concen: 19.321 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



Tgt Ion: 83 Resp: 49126
Ion Ratio Lower Upper
83 100
55 79.2 40.6 122.0
98 49.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.489 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 28774

Ion Ratio Lower Upper

63 100

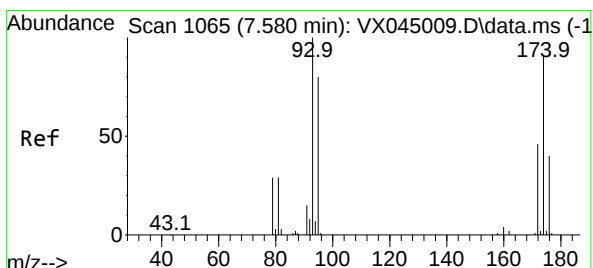
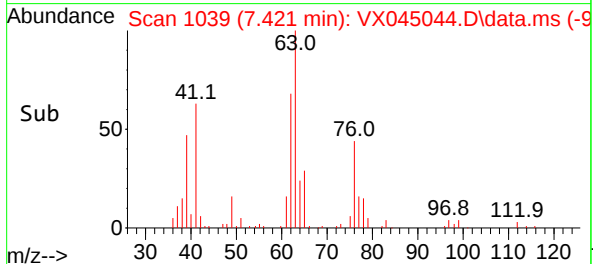
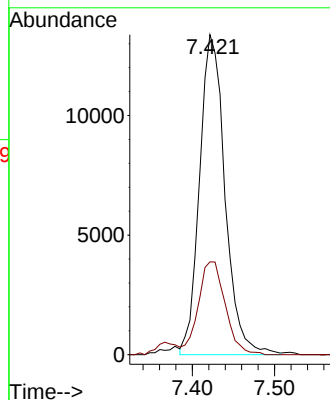
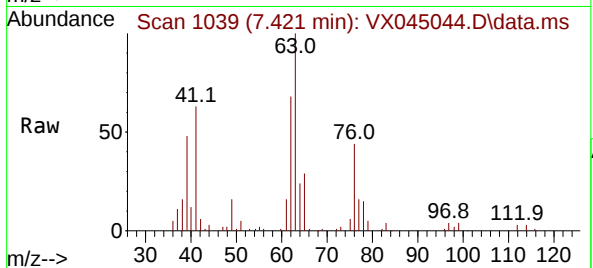
65 29.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

Dibromomethane

Concen: 20.263 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

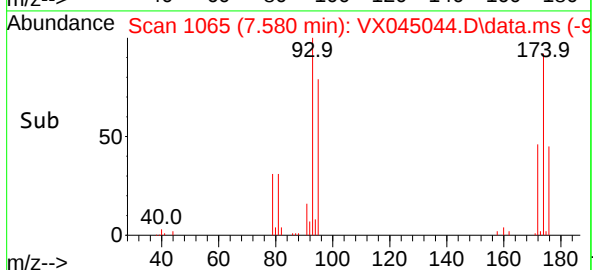
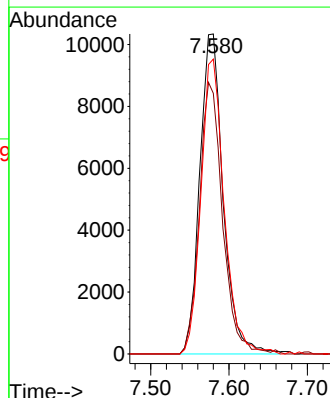
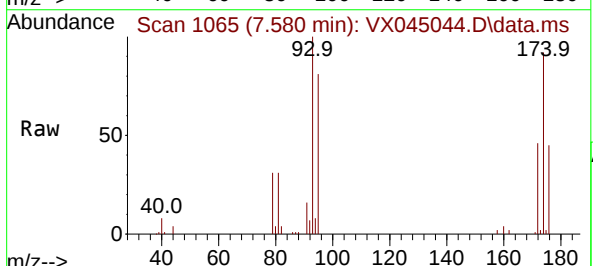
Tgt Ion: 93 Resp: 21468

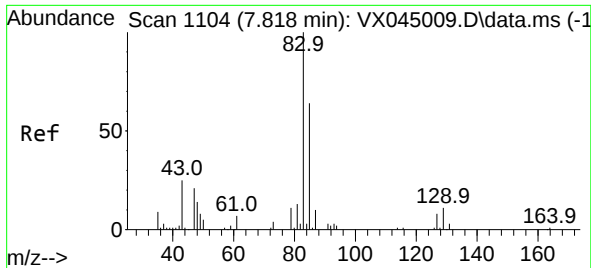
Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.6

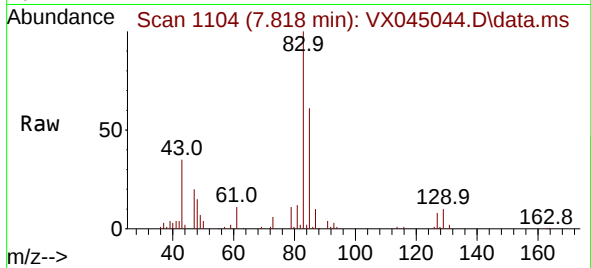
174 91.3 0.0 178.8





#41
Bromodichloromethane
Concen: 20.135 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

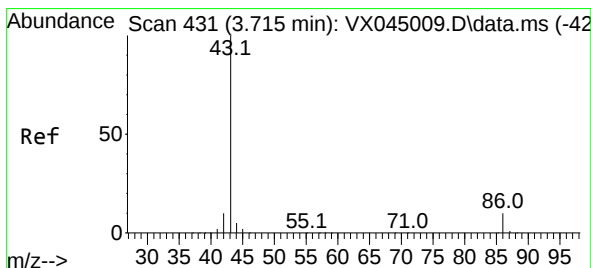
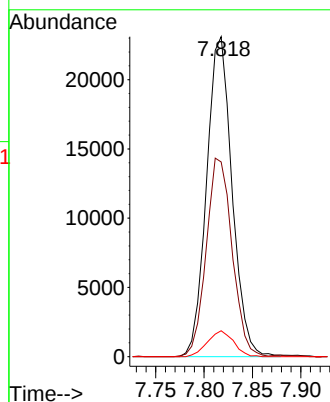
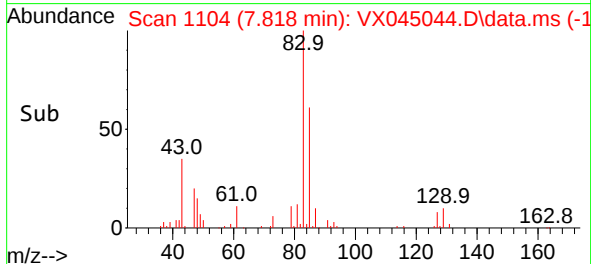
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



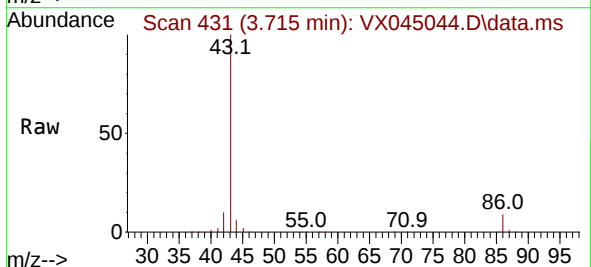
Tgt Ion: 83 Resp: 42398
Ion Ratio Lower Upper
83 100
85 60.5 51.0 76.6
127 8.1 6.1 9.1

Manual Integrations
APPROVED

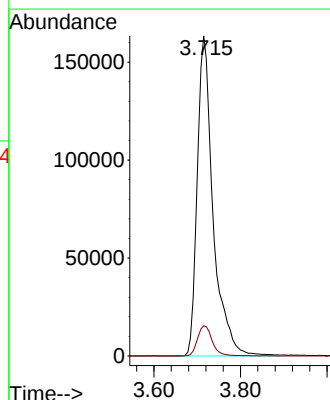
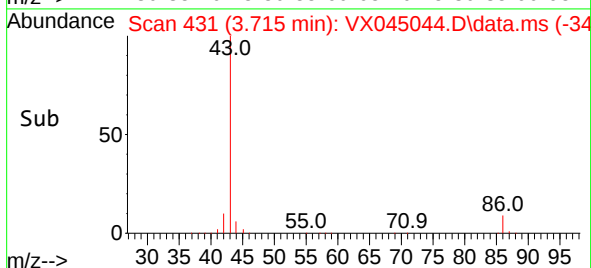
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

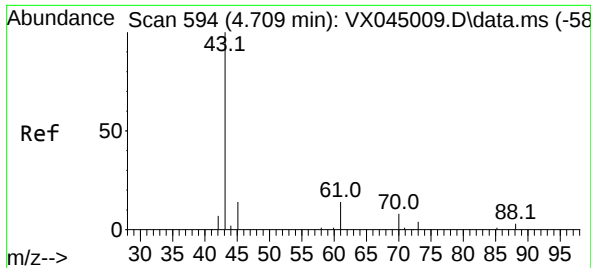


#42
Vinyl Acetate
Concen: 97.890 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



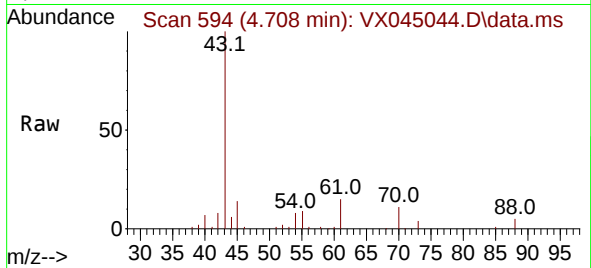
Tgt Ion: 43 Resp: 415494
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43
Ethyl Acetate
Concen: 20.103 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

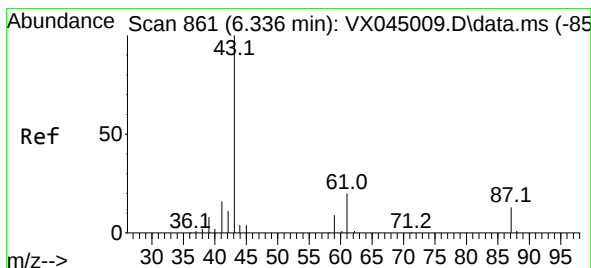
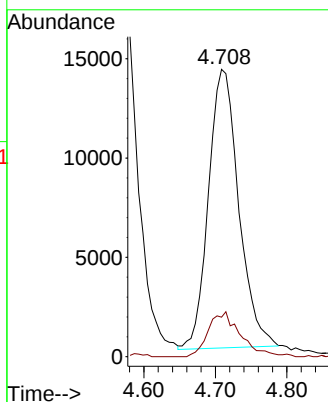
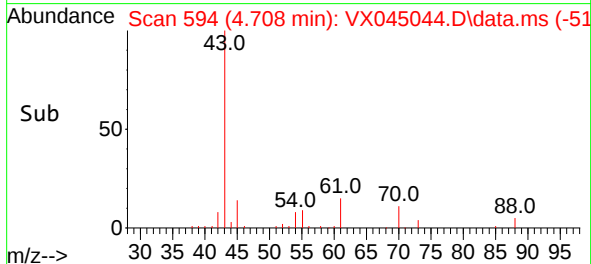
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



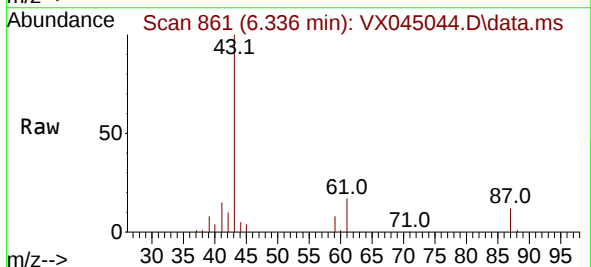
Tgt Ion: 43 Resp: 41230
Ion Ratio Lower Upper
43 100
45 7.9 12.7 19.1

Manual Integrations
APPROVED

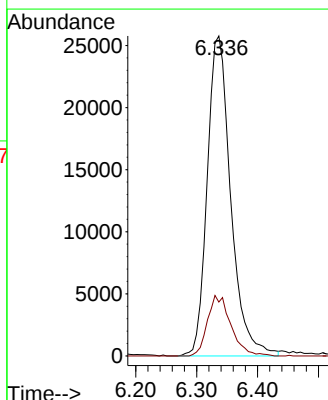
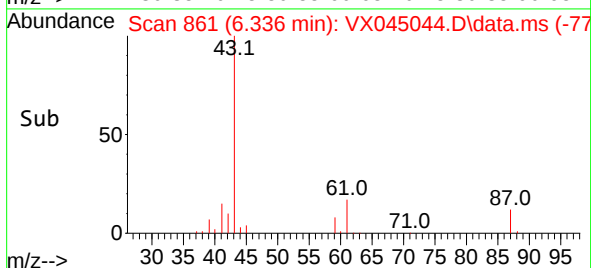
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

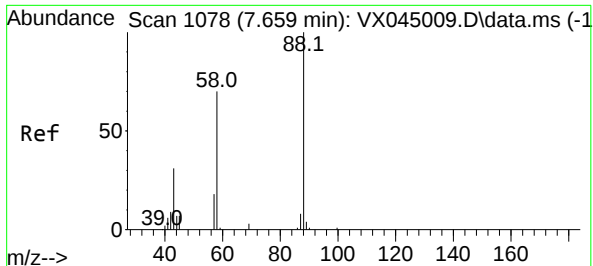


#44
Isopropyl Acetate
Concen: 20.521 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



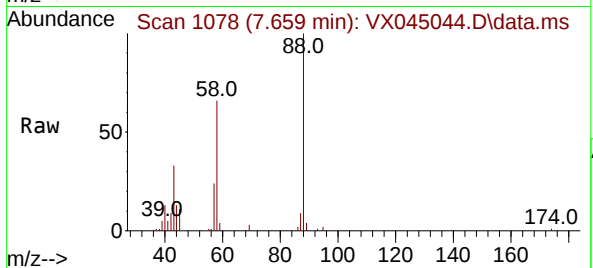
Tgt Ion: 43 Resp: 69278
Ion Ratio Lower Upper
43 100
61 18.5 15.5 23.3





#45
1,4-Dioxane
Concen: 414.728 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

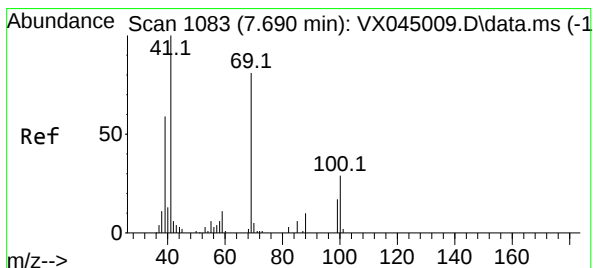
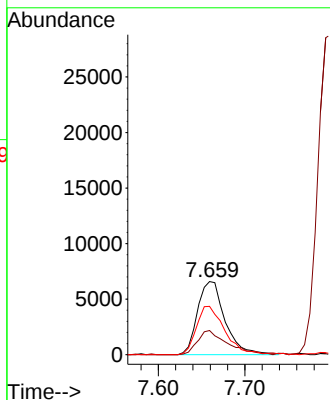
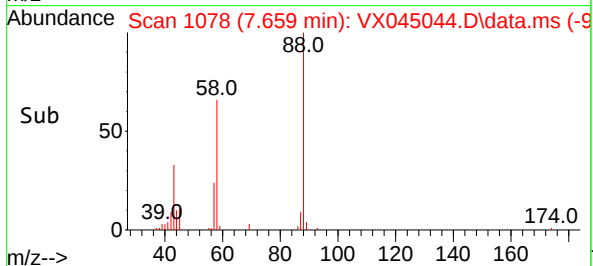
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 1455
Ion Ratio Lower Upper
88 100
43 35.7 29.6 44.4
58 67.2 56.2 84.4

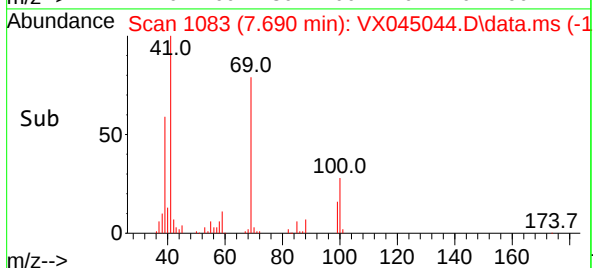
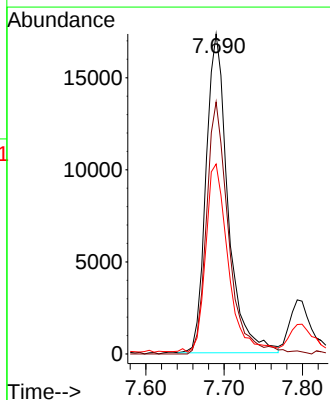
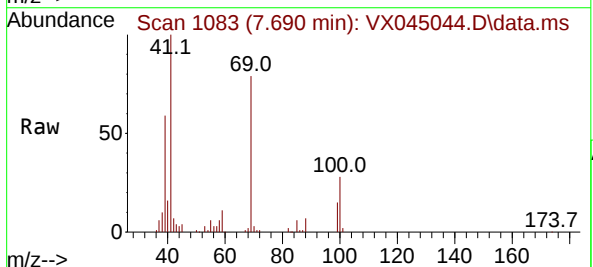
Manual Integrations
APPROVED

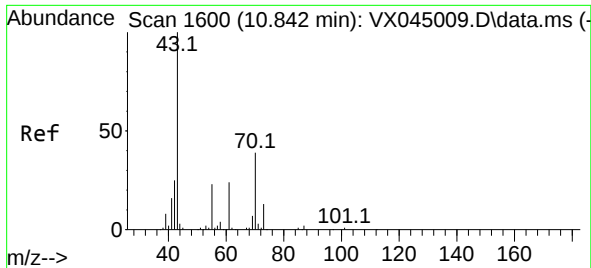
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#46
Methyl methacrylate
Concen: 20.429 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

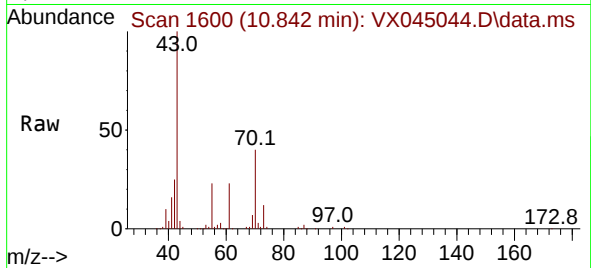
Tgt Ion: 41 Resp: 33818
Ion Ratio Lower Upper
41 100
69 79.1 40.7 122.1
39 58.7 29.5 88.5





#47
n-amy1 Acetate
Concen: 18.477 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

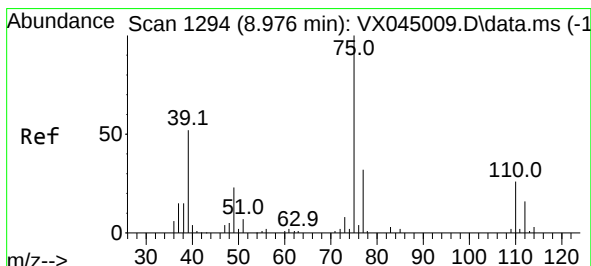
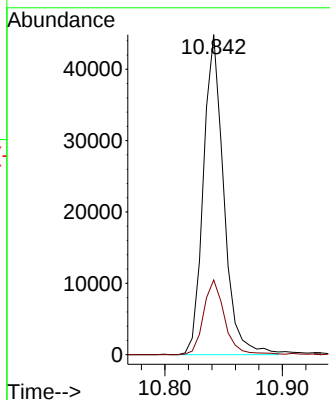
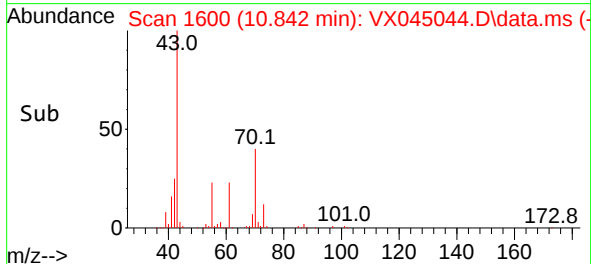
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 54130
Ion Ratio Lower Upper
43 100
55 24.1 18.6 27.8

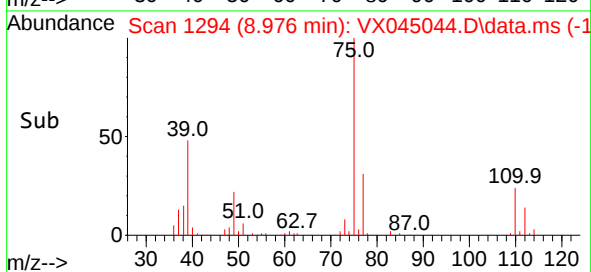
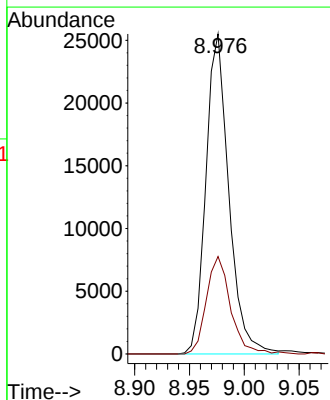
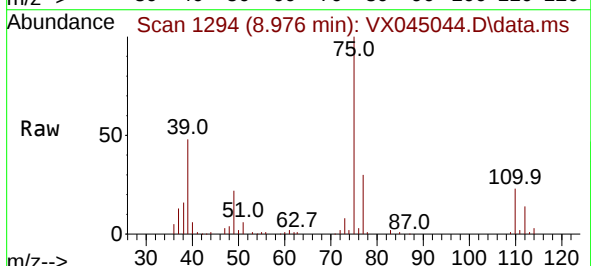
Manual Integrations
APPROVED

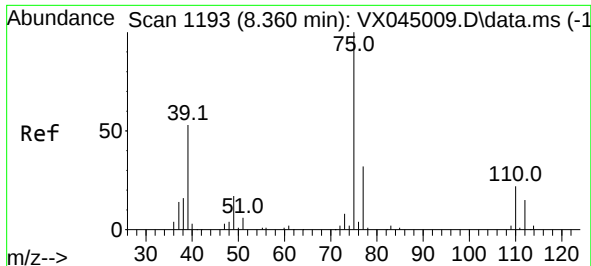
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#48
t-1,3-Dichloropropene
Concen: 18.292 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 75 Resp: 37126
Ion Ratio Lower Upper
75 100
77 30.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.490 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 44780

Ion Ratio Lower Upper

75 100

77 29.8 25.9 38.9

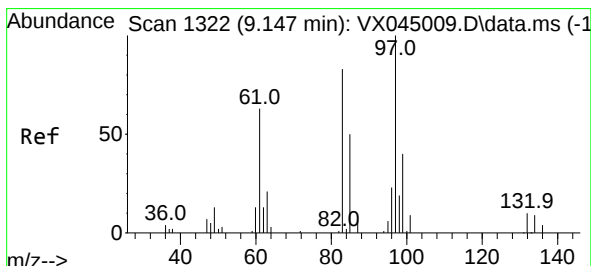
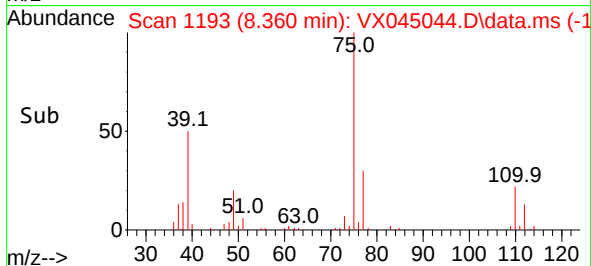
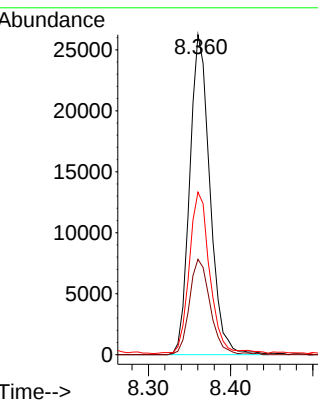
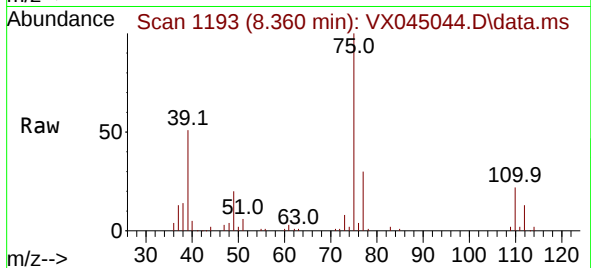
39 50.4 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#50

1,1,2-Trichloroethane

Concen: 20.554 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Tgt Ion: 97 Resp: 28405

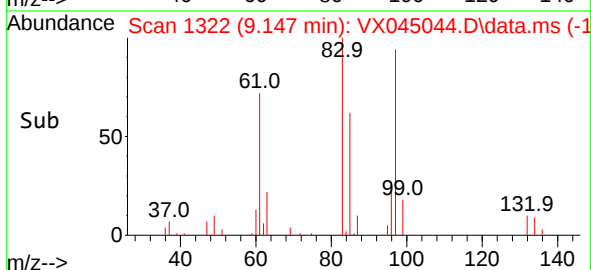
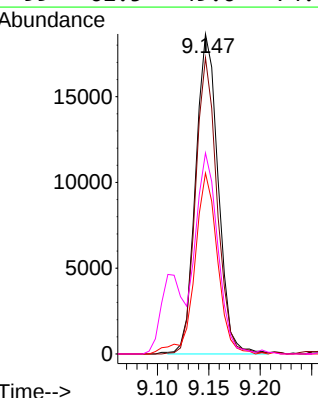
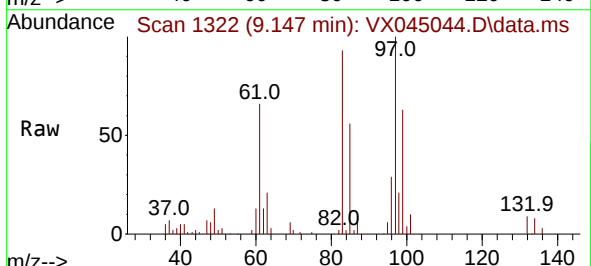
Ion Ratio Lower Upper

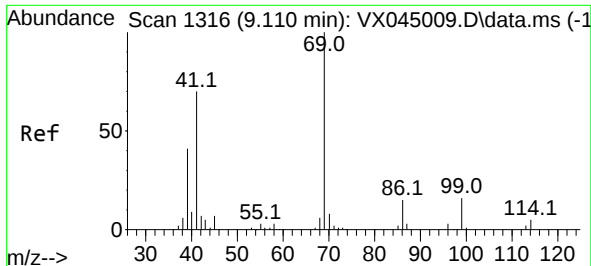
97 100

83 92.6 66.0 99.0

85 56.7 42.5 63.7

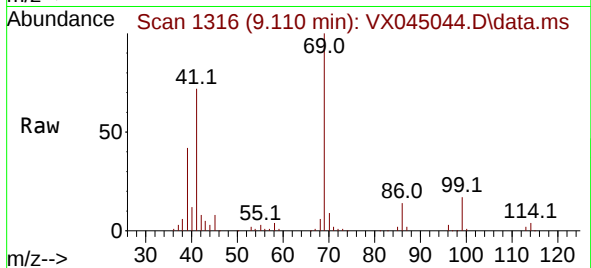
99 62.5 49.6 74.4





#51
Ethyl methacrylate
Concen: 18.918 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

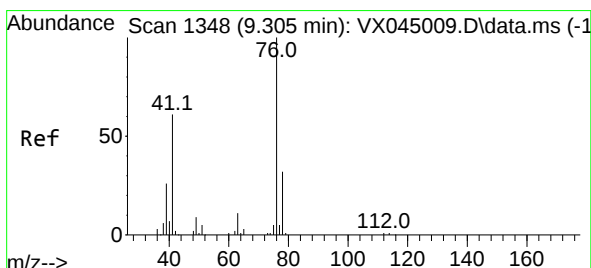
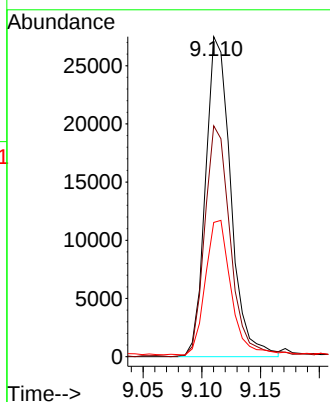
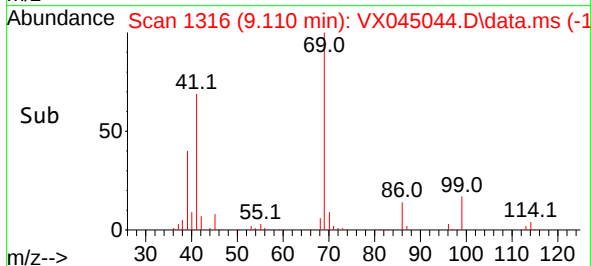
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 4111
Ion Ratio Lower Upper
69 100
41 71.9 35.1 105.3
39 41.3 20.5 61.6

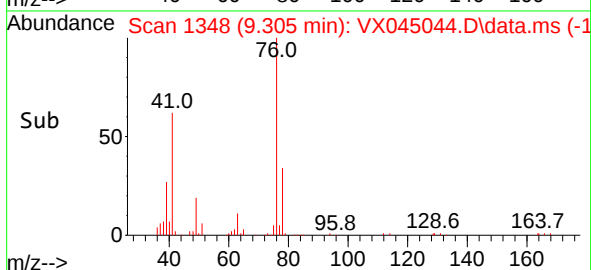
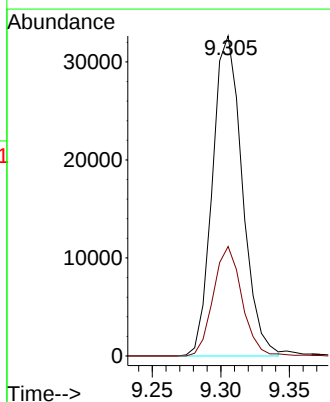
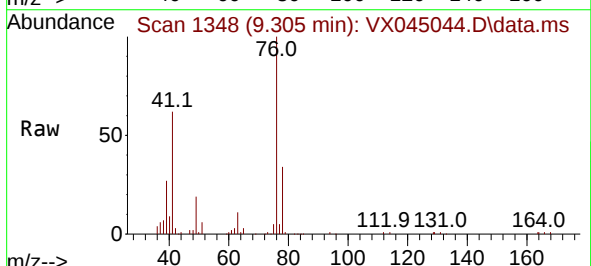
Manual Integrations
APPROVED

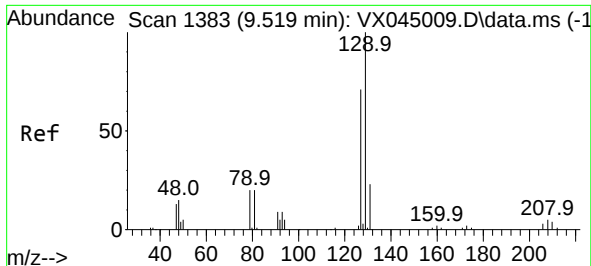
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#52
1,3-Dichloropropane
Concen: 20.416 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 76 Resp: 49436
Ion Ratio Lower Upper
76 100
78 33.0 0.0 63.6





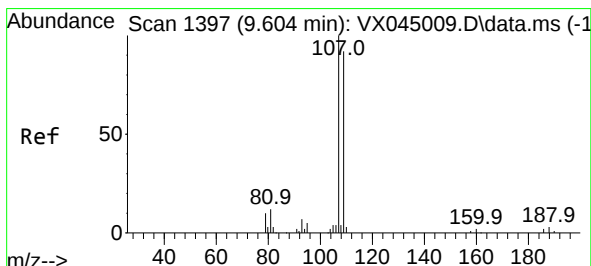
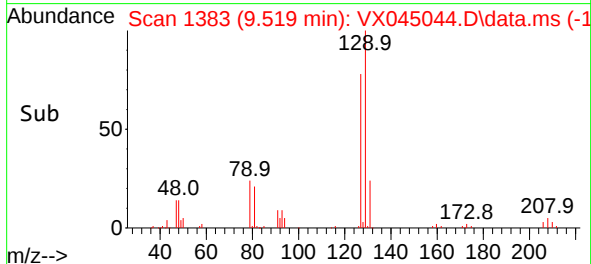
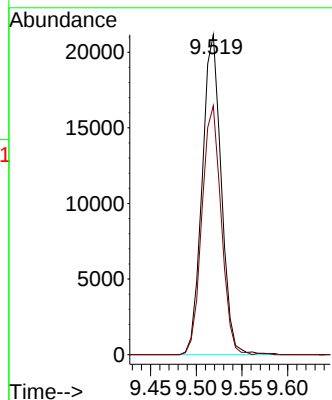
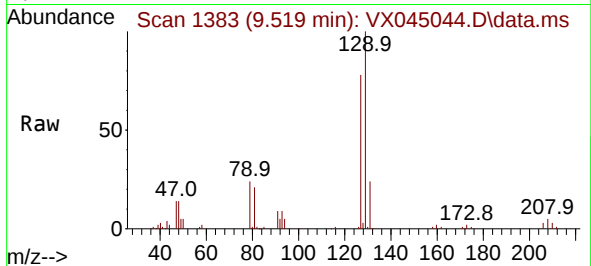
#53
Dibromochloromethane
Concen: 20.131 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 30769
Ion Ratio Lower Upper
129 100
127 78.3 37.3 111.9

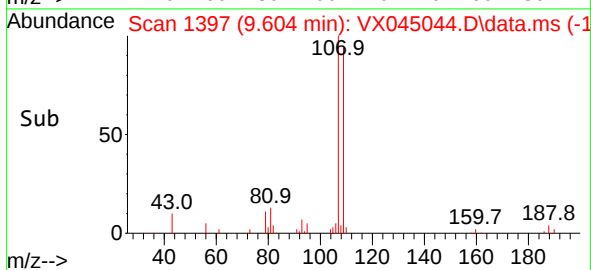
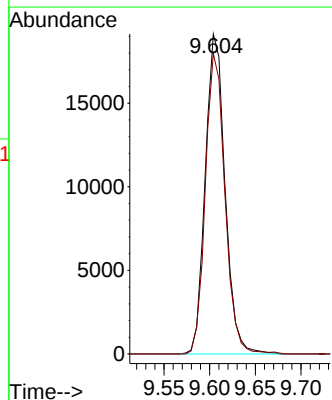
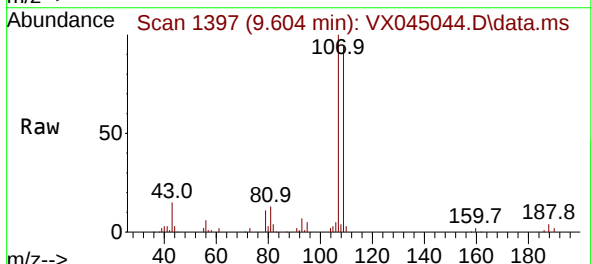
Manual Integrations
APPROVED

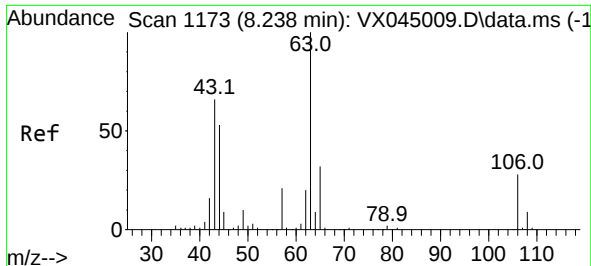
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#54
1,2-Dibromoethane
Concen: 20.485 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:107 Resp: 28746
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.8





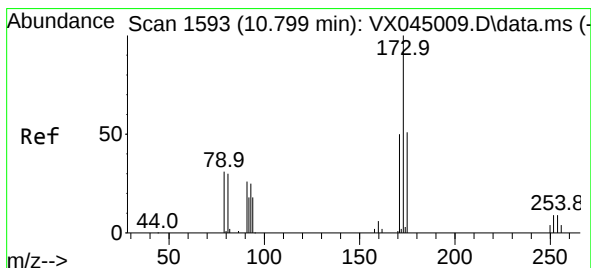
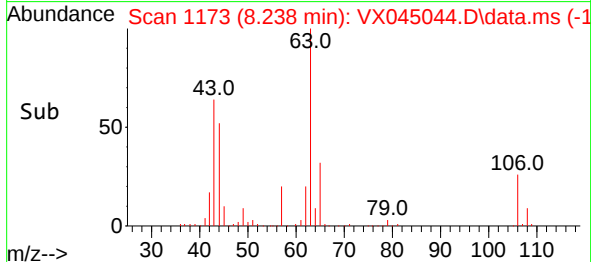
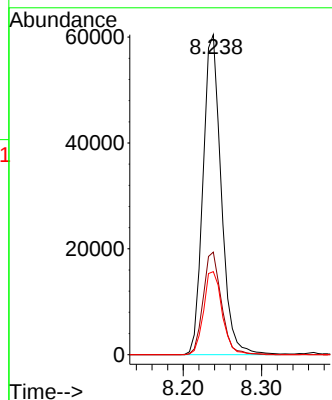
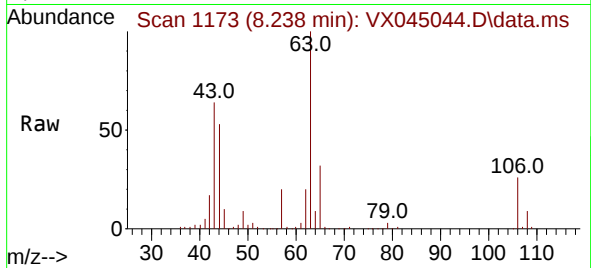
#55
2-Chloroethyl vinyl ether
Concen: 87.452 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 9760
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 26.4 21.2 31.8

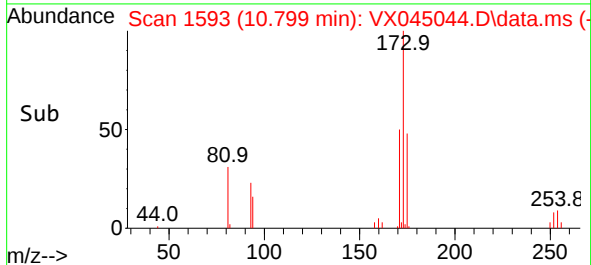
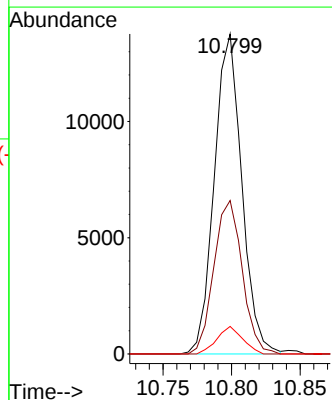
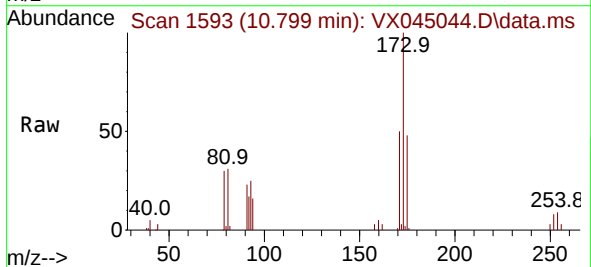
Manual Integrations
APPROVED

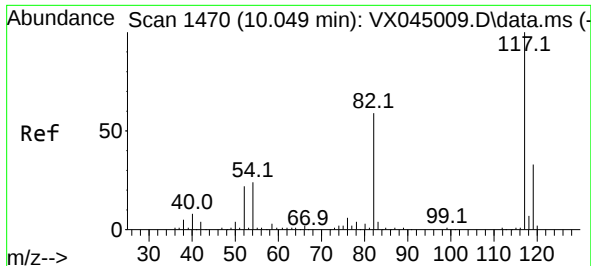
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#56
Bromoform
Concen: 20.030 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:173 Resp: 19184
Ion Ratio Lower Upper
173 100
175 49.4 39.6 59.4
254 8.0 6.3 9.5





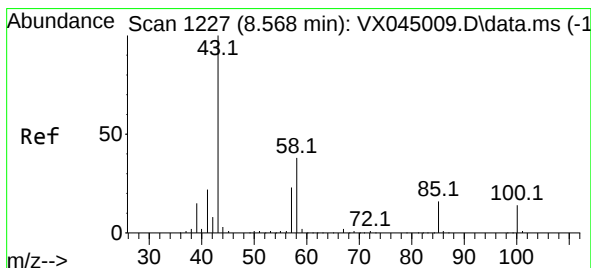
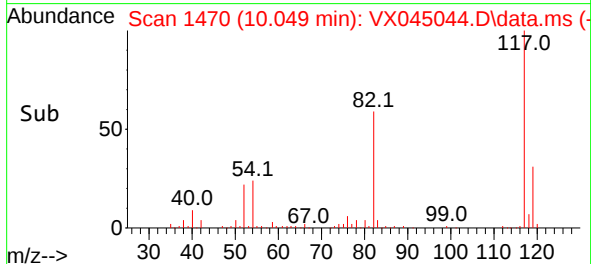
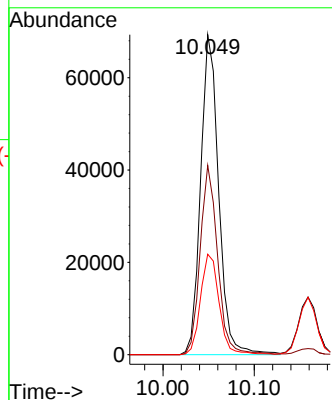
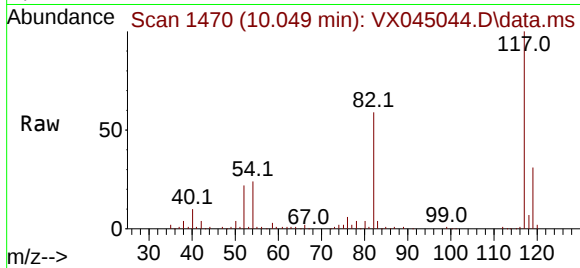
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 95030
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.8
119 32.5 25.5 38.3

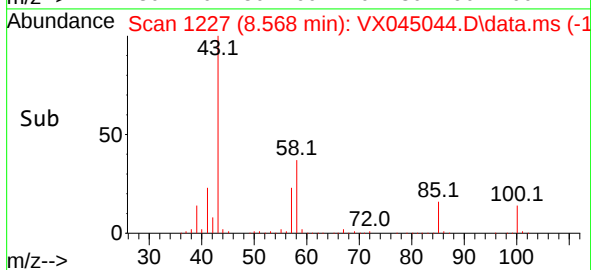
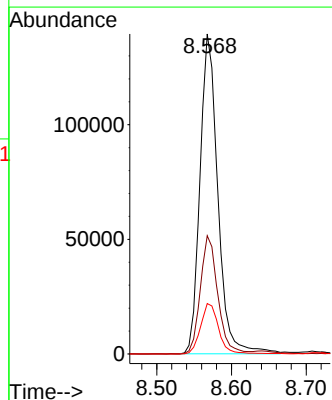
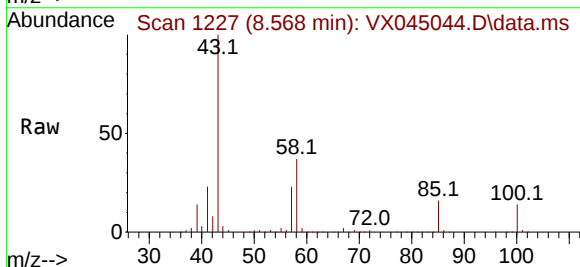
Manual Integrations
APPROVED

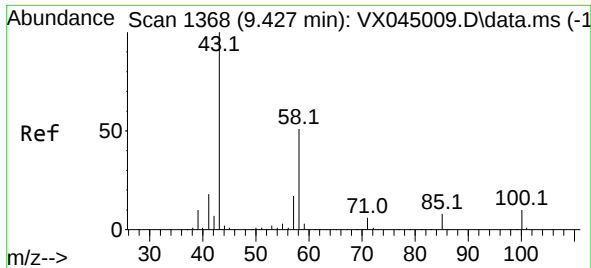
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#58
4-Methyl-2-Pentanone
Concen: 107.090 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

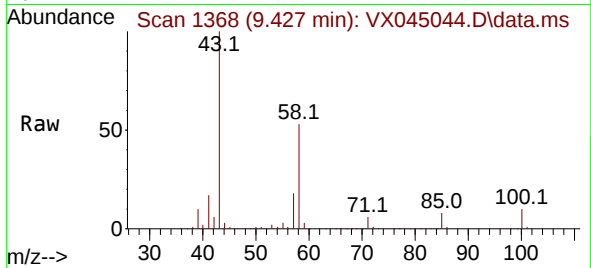
Tgt Ion: 43 Resp: 231515
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3
85 15.9 12.9 19.3





#59
2-Hexanone
Concen: 104.699 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

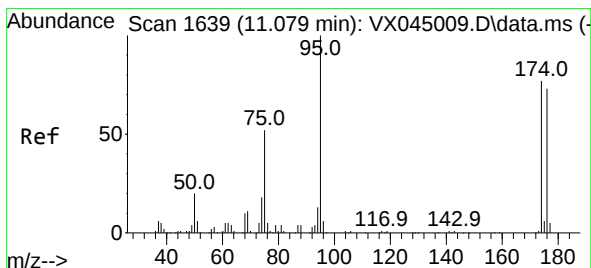
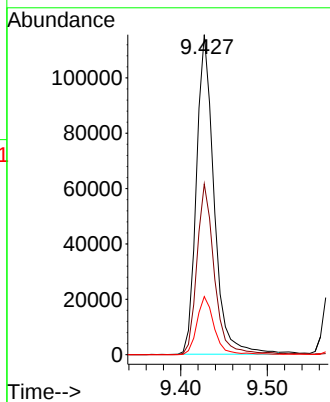
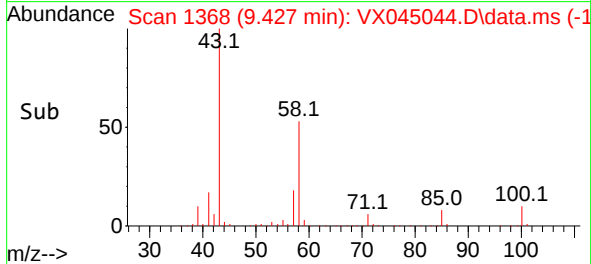
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 16360
Ion Ratio Lower Upper
43 100
58 52.1 41.6 62.4
57 17.4 13.8 20.6

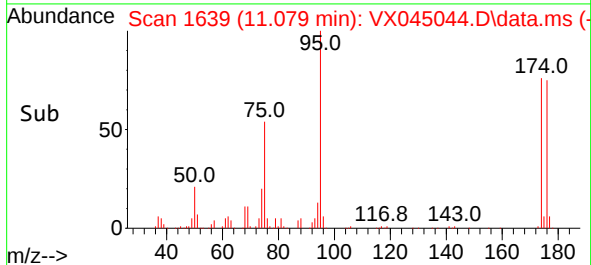
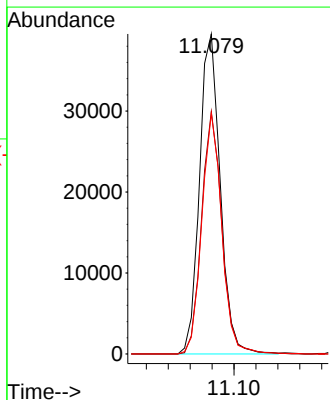
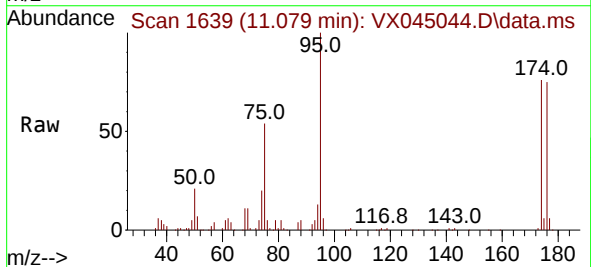
Manual Integrations
APPROVED

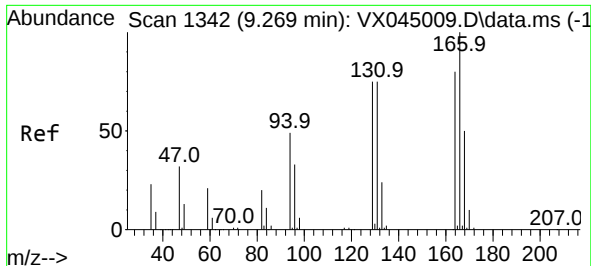
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#60
4-Bromofluorobenzene
Concen: 29.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

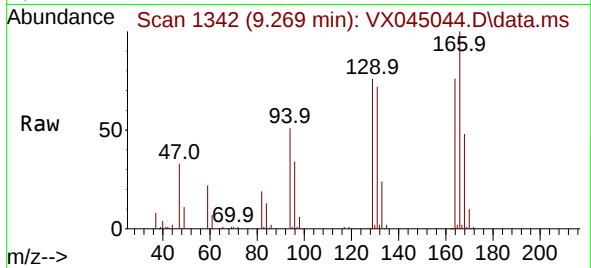
Tgt Ion: 95 Resp: 51813
Ion Ratio Lower Upper
95 100
174 74.1 59.5 89.3
176 72.6 55.5 83.3





#61
Tetrachloroethene
Concen: 20.159 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

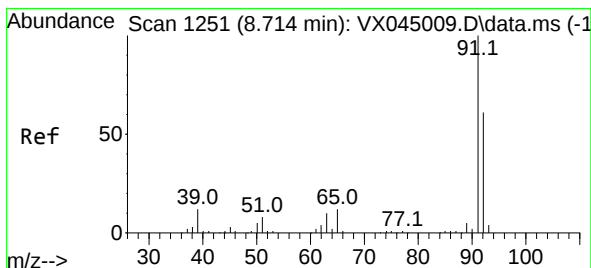
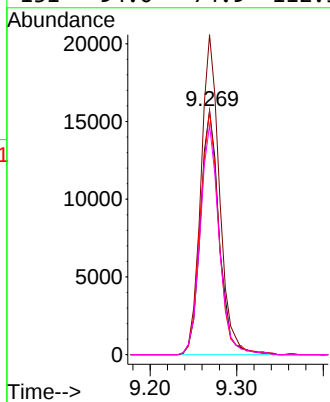
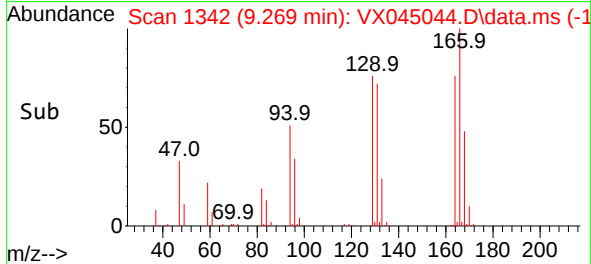
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 23592
Ion Ratio Lower Upper
164 100
166 131.1 100.3 150.5
129 100.0 75.5 113.3
131 94.0 74.9 112.3

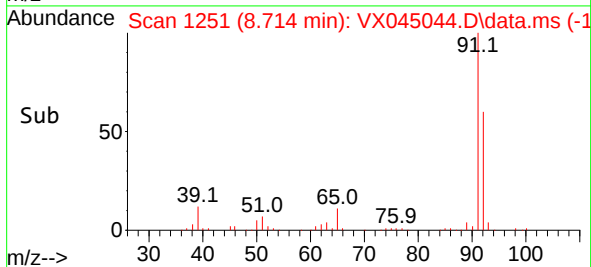
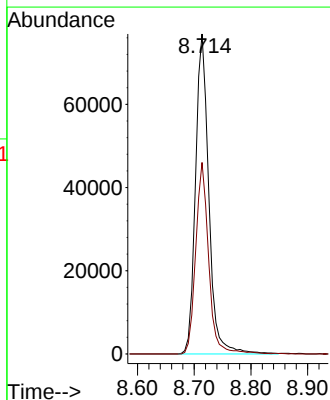
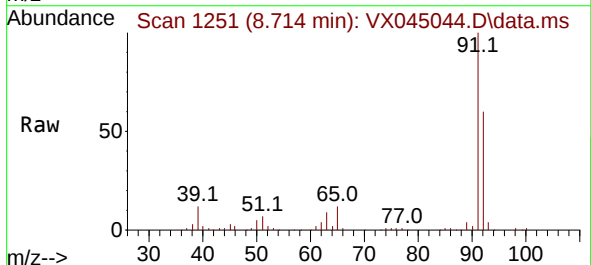
Manual Integrations
APPROVED

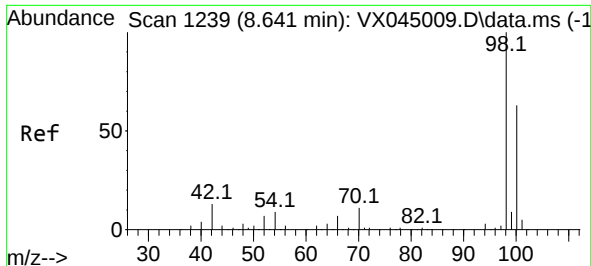
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#62
Toluene
Concen: 19.901 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

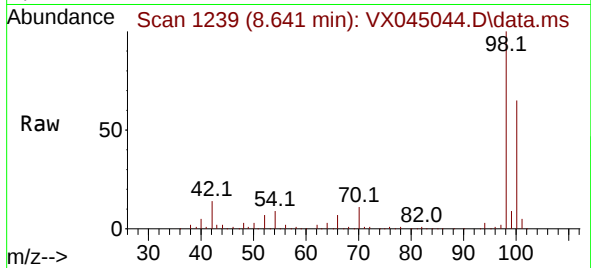
Tgt Ion: 91 Resp: 125287
Ion Ratio Lower Upper
91 100
92 58.5 46.9 70.3





#63
Toluene-d8
Concen: 30.234 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

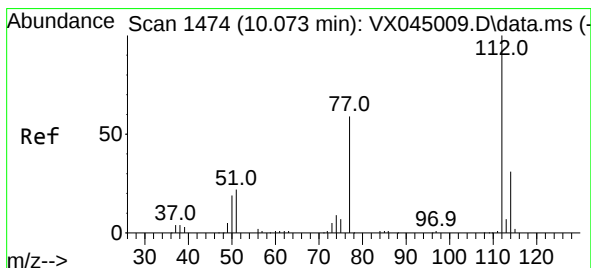
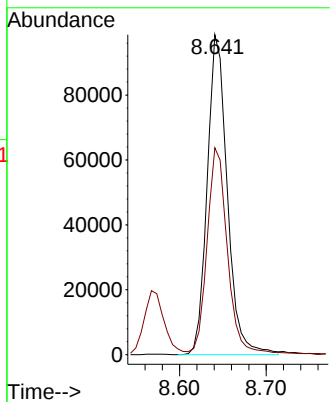
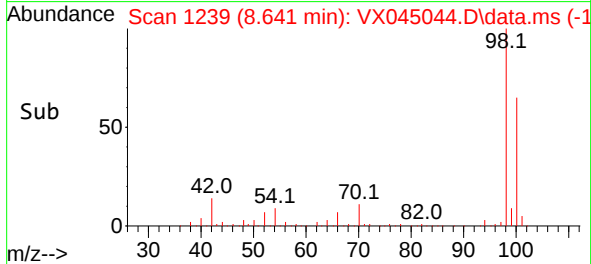
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 158955
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5

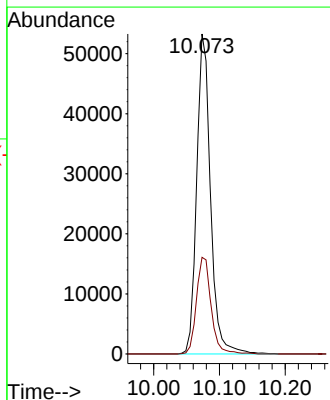
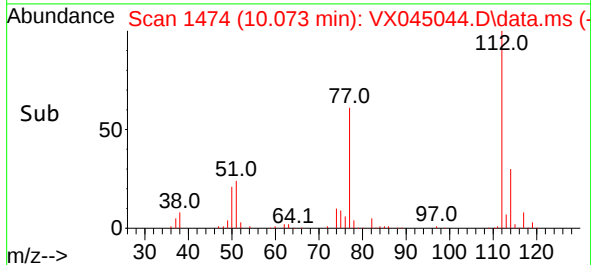
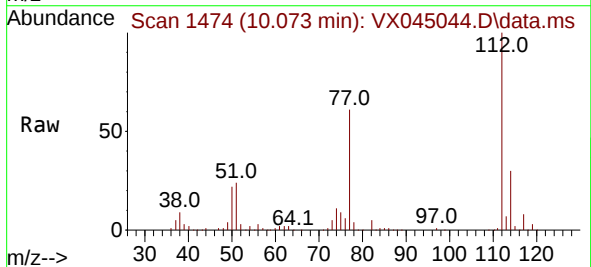
Manual Integrations
APPROVED

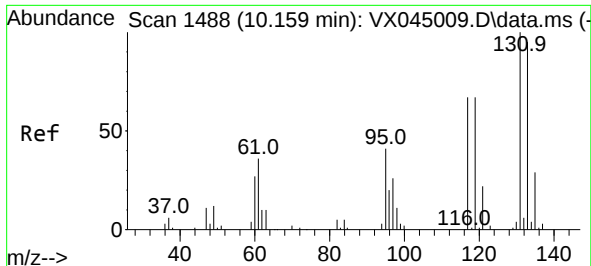
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#64
Chlorobenzene
Concen: 19.931 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

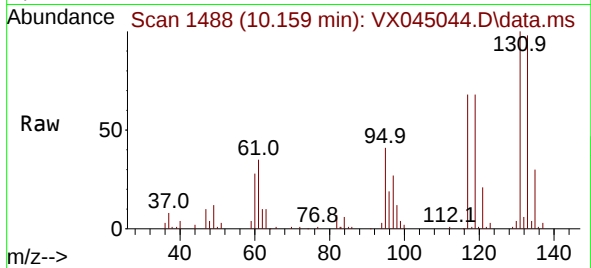
Tgt Ion:112 Resp: 77755
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.651 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

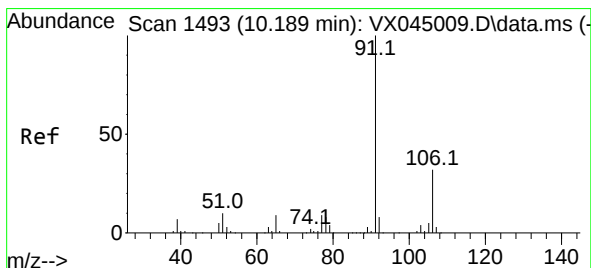
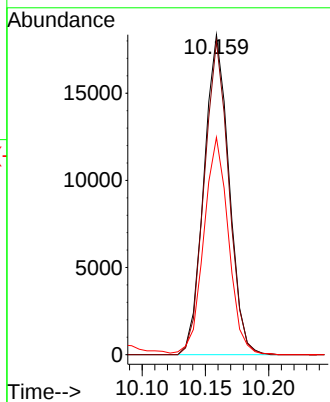
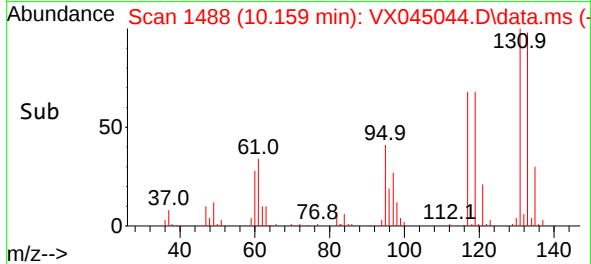
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 25290
Ion Ratio Lower Upper
131 100
133 95.8 0.0 187.8
119 66.8 0.0 133.0

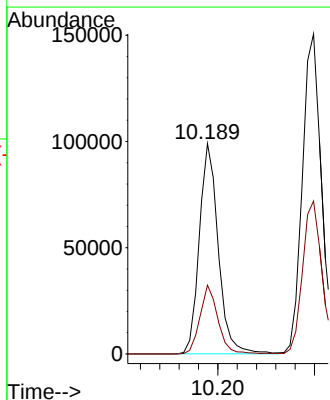
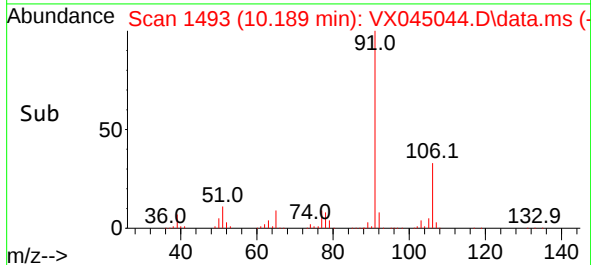
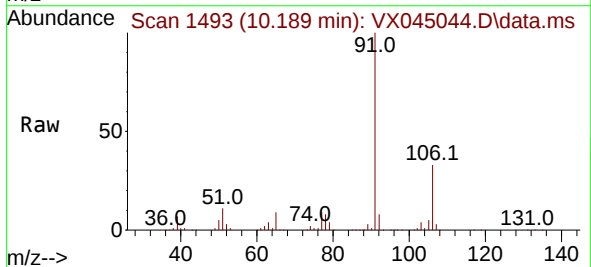
Manual Integrations
APPROVED

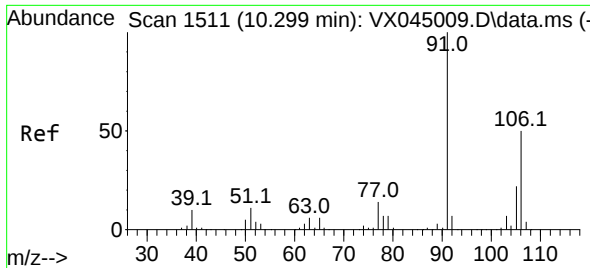
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#66
Ethyl Benzene
Concen: 19.599 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 91 Resp: 135083
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2





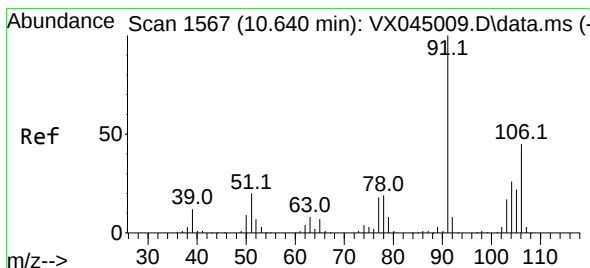
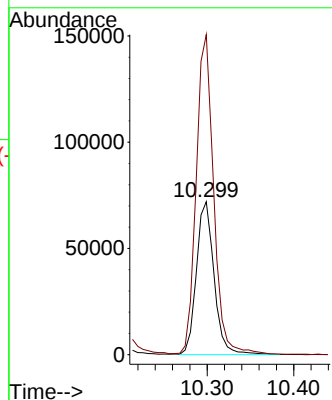
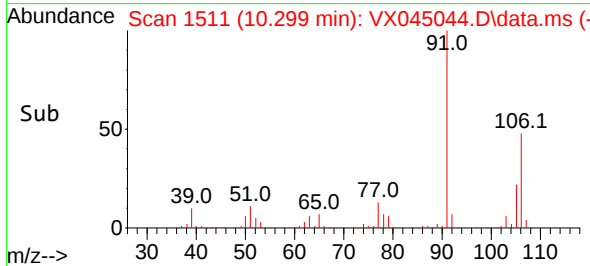
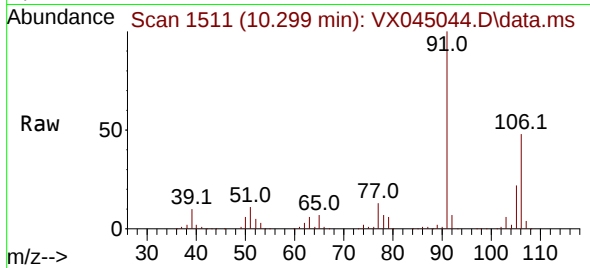
#67
m/p-Xylenes
Concen: 39.842 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 102314
Ion Ratio Lower Upper
106 100
91 205.6 163.7 245.5

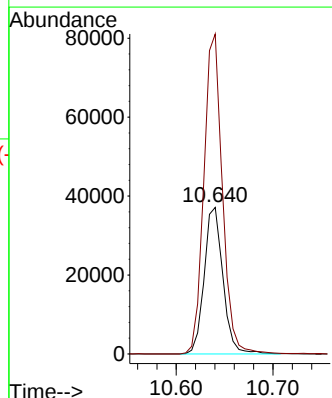
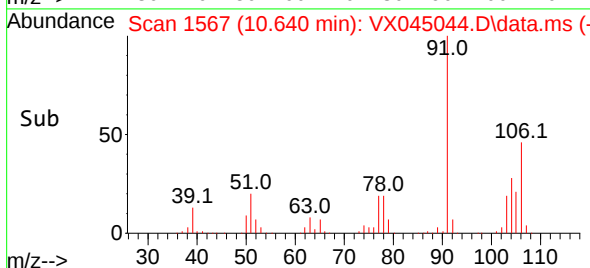
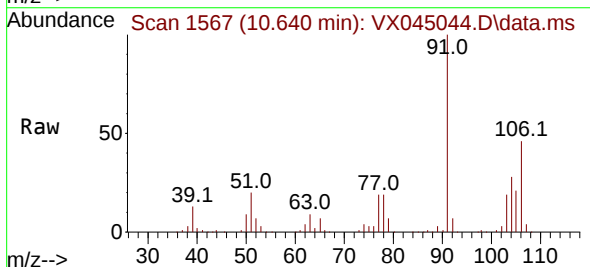
Manual Integrations
APPROVED

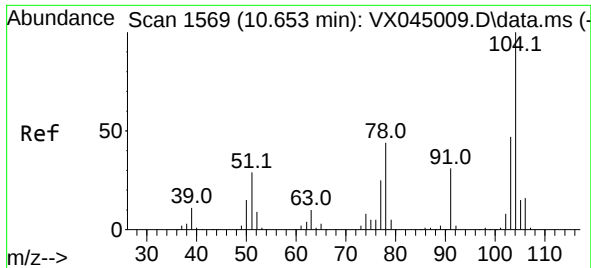
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#68
o-Xylene
Concen: 19.944 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:106 Resp: 50250
Ion Ratio Lower Upper
106 100
91 215.7 109.7 329.1





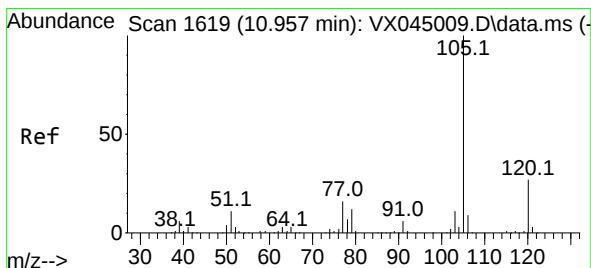
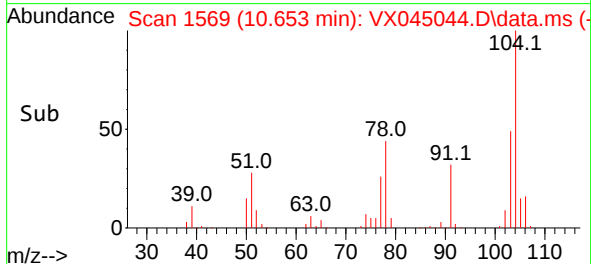
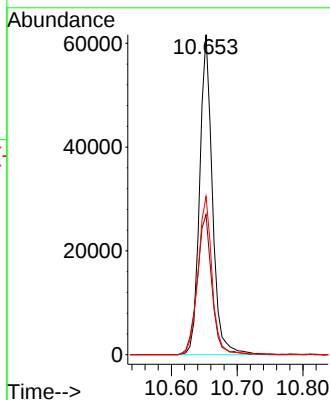
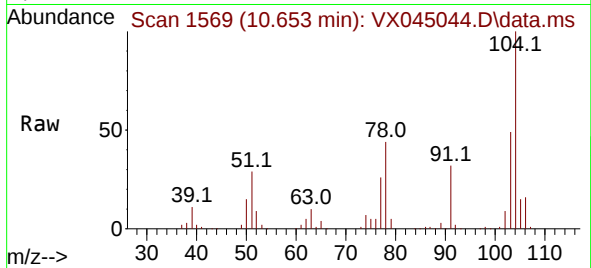
#69
Styrene
Concen: 19.756 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 83130
Ion Ratio Lower Upper
104 100
78 50.2 41.4 62.0
103 54.4 43.0 64.4

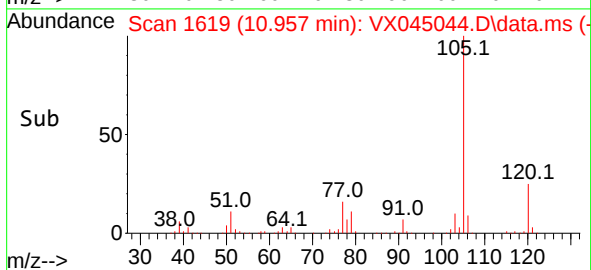
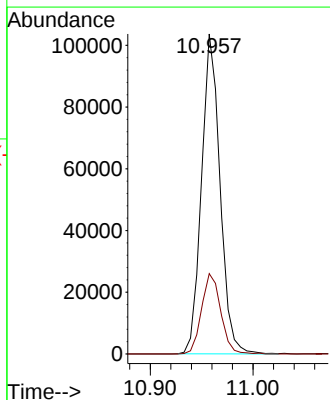
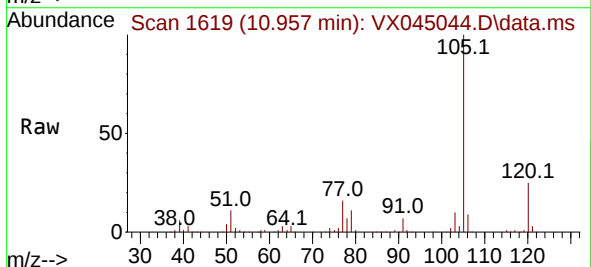
Manual Integrations
APPROVED

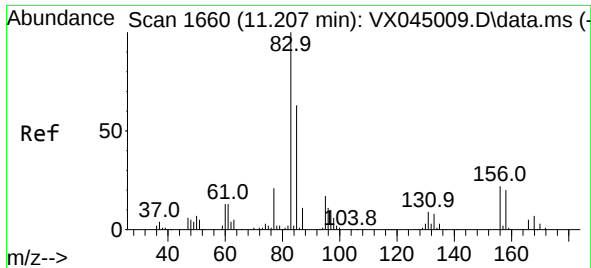
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#70
Isopropylbenzene
Concen: 19.952 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:105 Resp: 129729
Ion Ratio Lower Upper
105 100
120 26.0 18.4 34.2





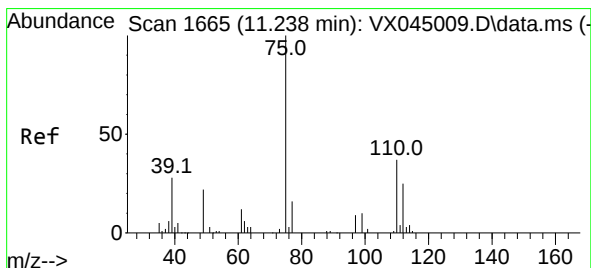
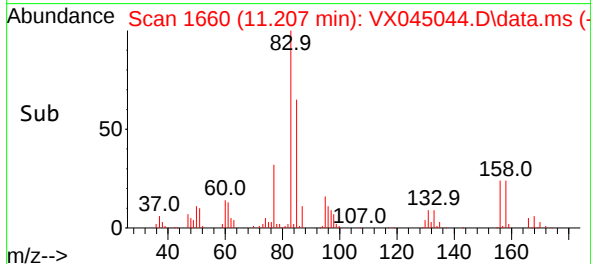
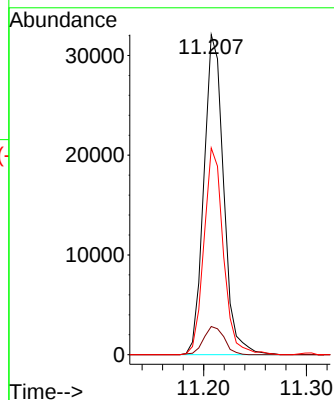
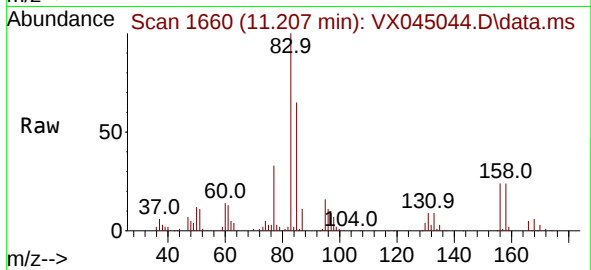
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.002 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 83 Resp: 42760
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.8 14.3
 85 63.6 32.3 96.8

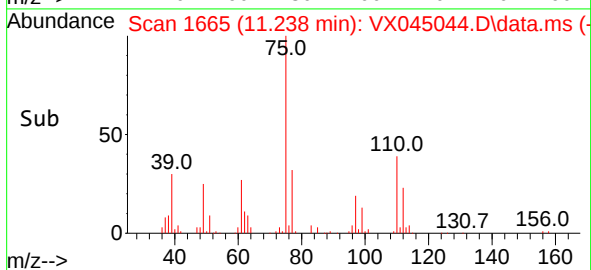
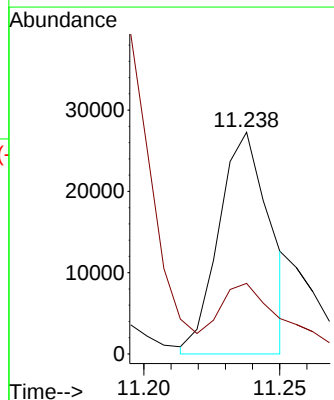
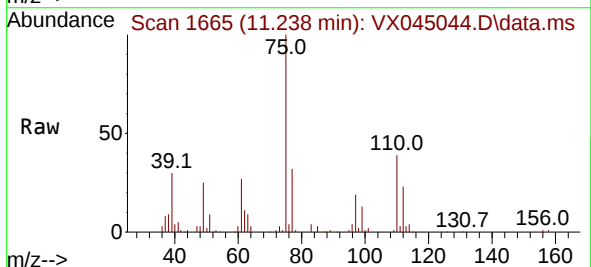
Manual Integrations
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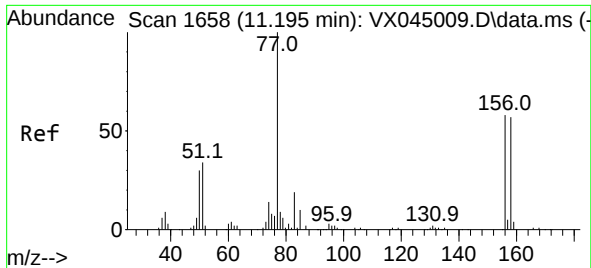
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#72
 1,2,3-Trichloropropane
 Concen: 20.181 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion: 75 Resp: 35491
 Ion Ratio Lower Upper
 75 100
 77 41.2 0.0 84.0





#73
Bromobenzene
Concen: 19.643 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

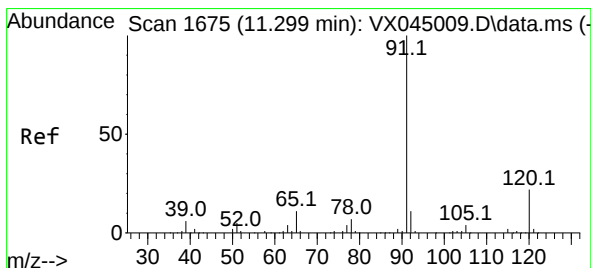
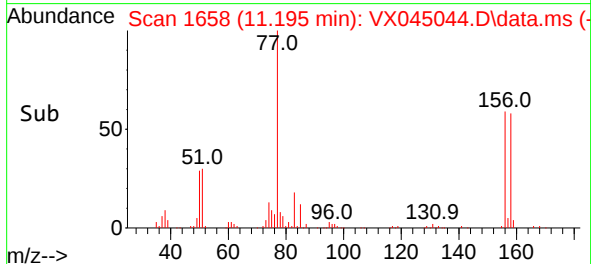
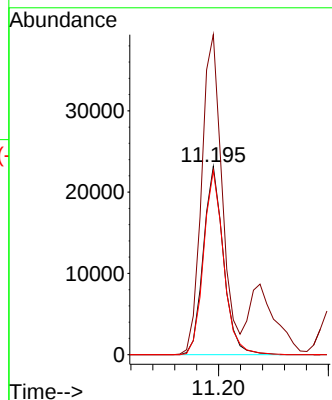
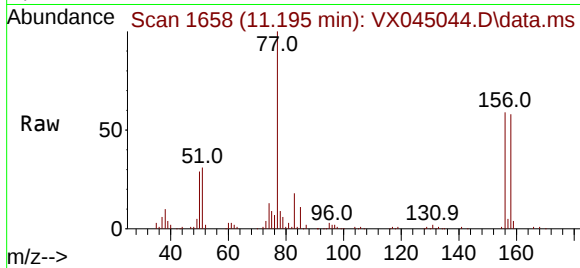
VSTDCCC020

Tgt Ion:156 Resp: 2940
Ion Ratio Lower Upper
156 100
77 173.3 0.0 347.2
158 97.9 0.0 197.6

Manual Integrations

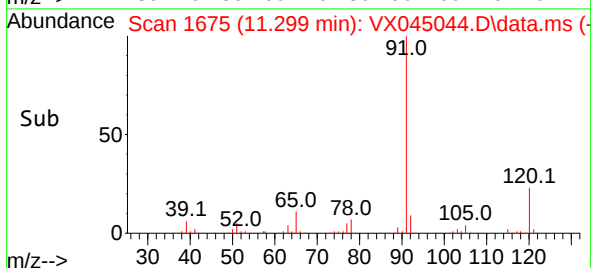
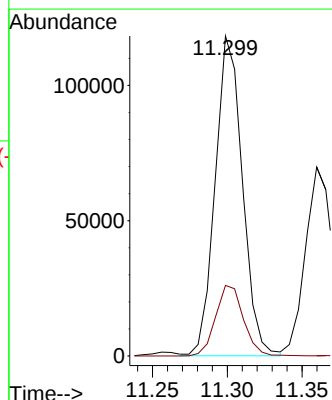
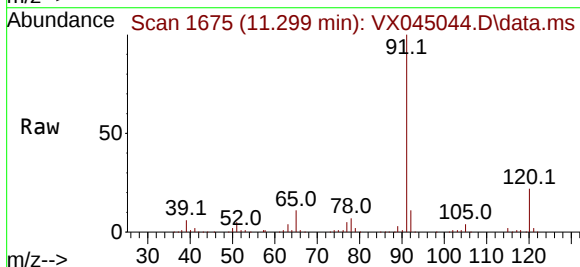
APPROVED

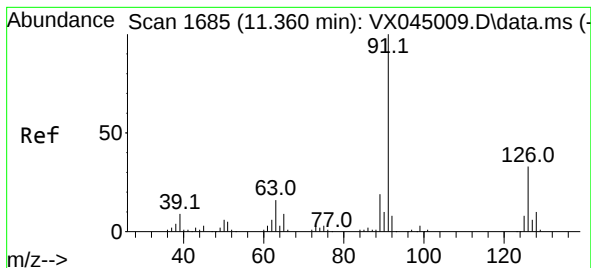
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#74
n-propylbenzene
Concen: 19.336 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 91 Resp: 149615
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.2





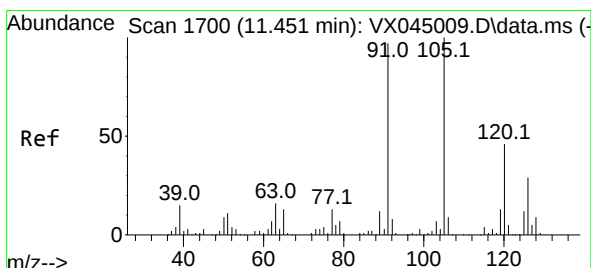
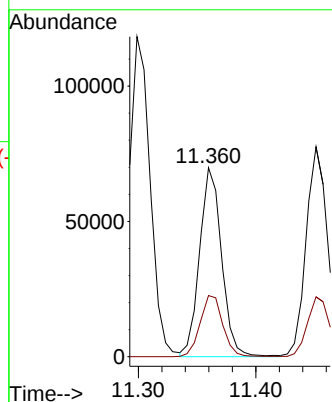
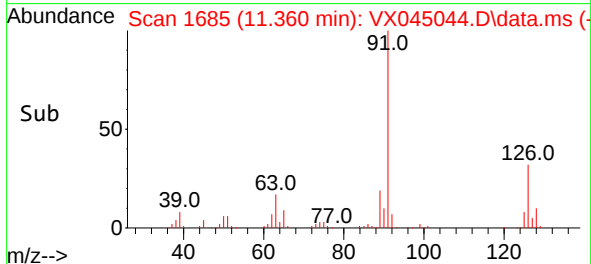
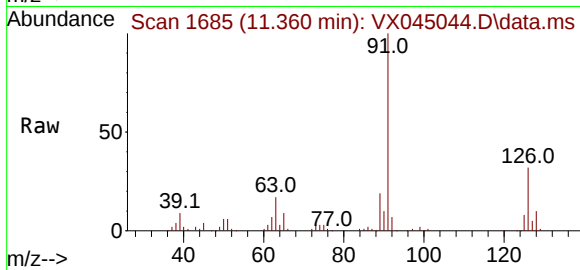
#75
2-Chlorotoluene
Concen: 19.437 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 90923
Ion Ratio Lower Upper
91 100
126 33.4 0.0 65.4

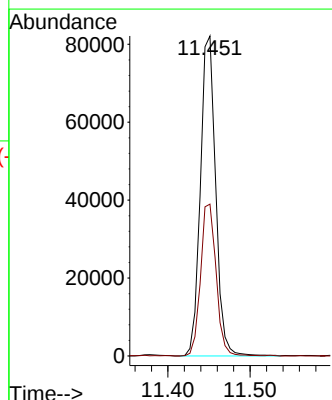
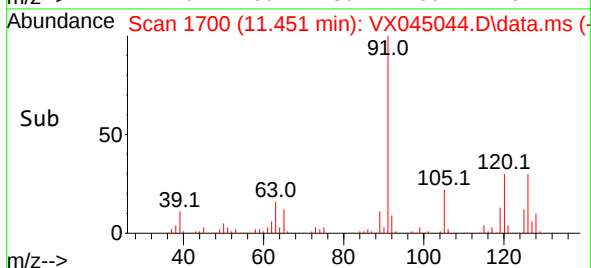
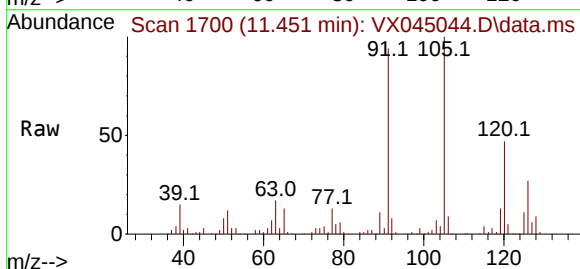
Manual Integrations
APPROVED

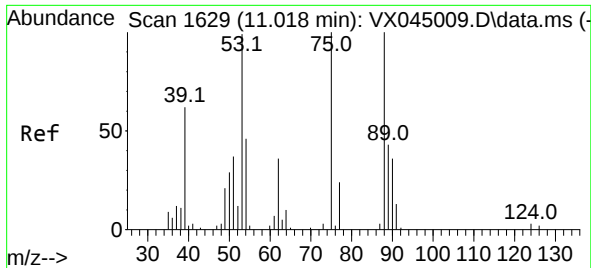
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.787 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

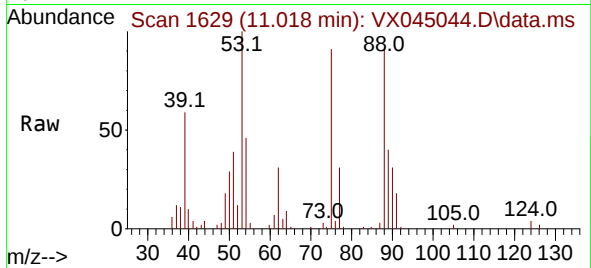
Tgt Ion:105 Resp: 106138
Ion Ratio Lower Upper
105 100
120 48.3 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

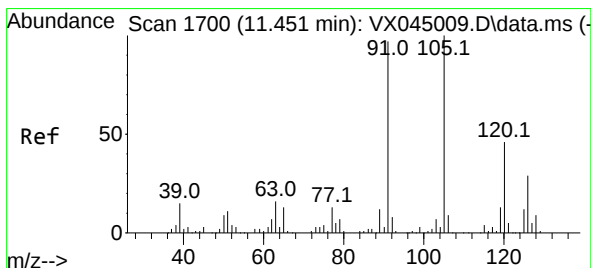
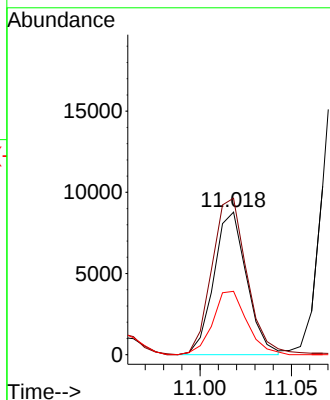
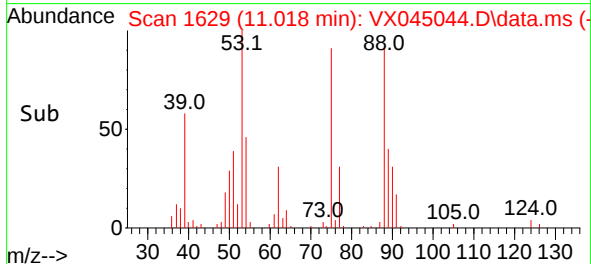
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1099
Ion Ratio Lower Upper
75 100
53 109.7 49.8 149.4
89 44.4 21.4 64.2

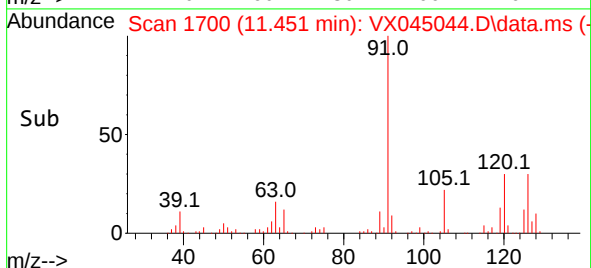
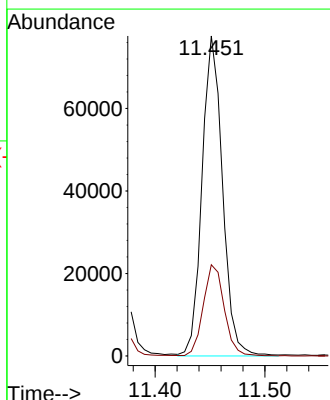
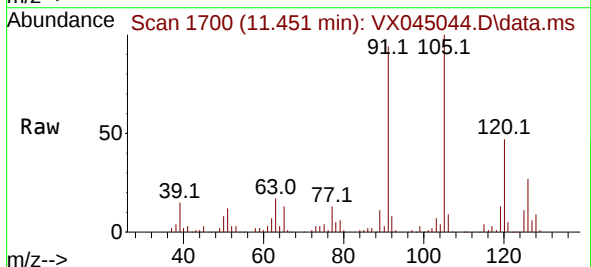
Manual Integrations
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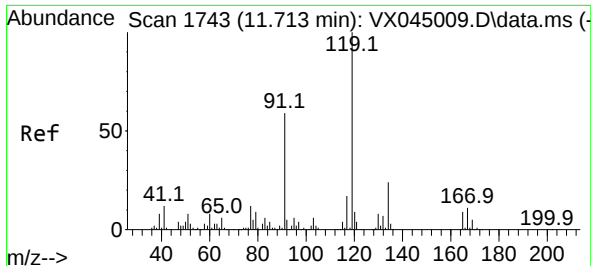
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#78
4-Chlorotoluene
Concen: 19.320 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

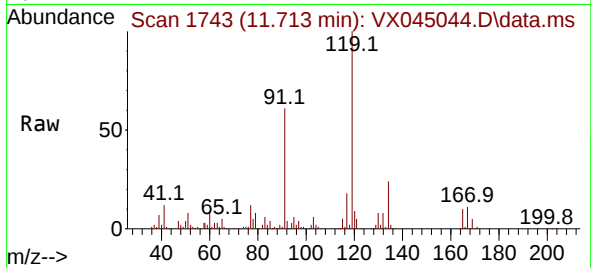
Tgt Ion: 91 Resp: 100745
Ion Ratio Lower Upper
91 100
126 29.2 0.0 58.0





#79
tert-butylbenzene
Concen: 19.856 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

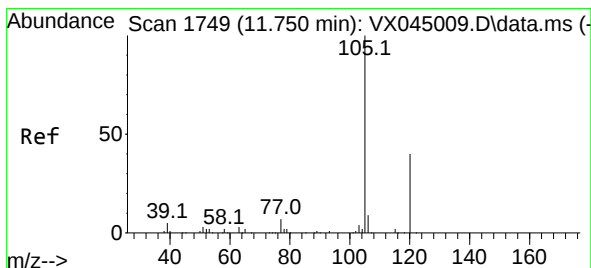
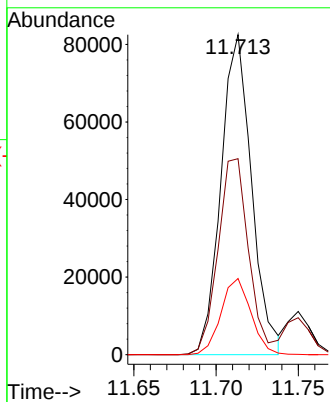
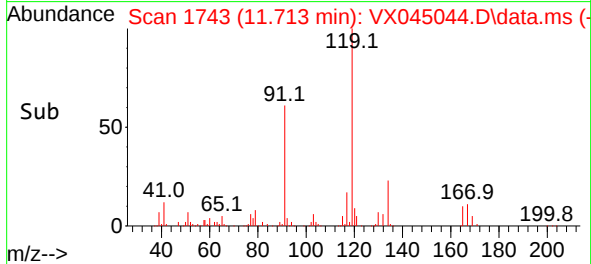
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 107314
Ion Ratio Lower Upper
119 100
91 60.7 0.0 120.6
134 23.3 0.0 48.2

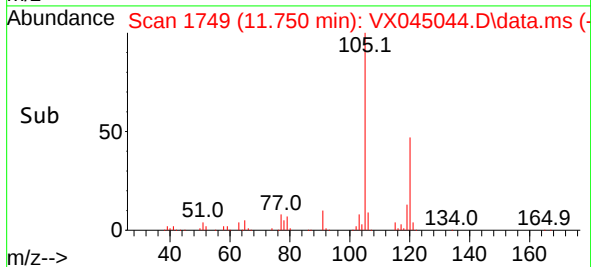
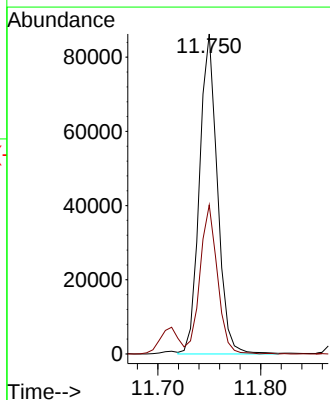
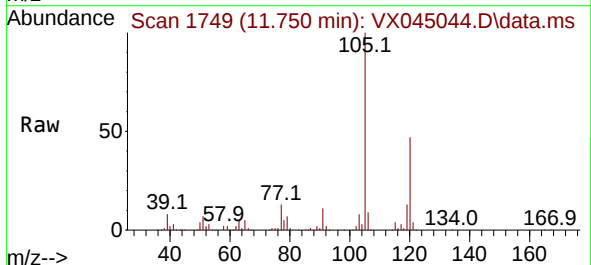
Manual Integrations
APPROVED

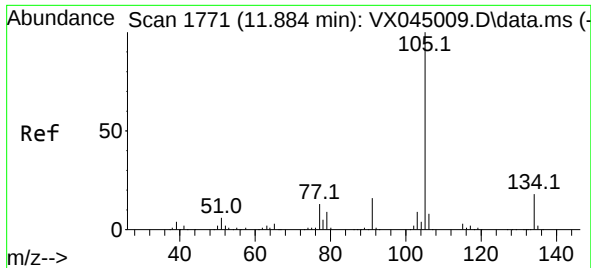
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.486 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

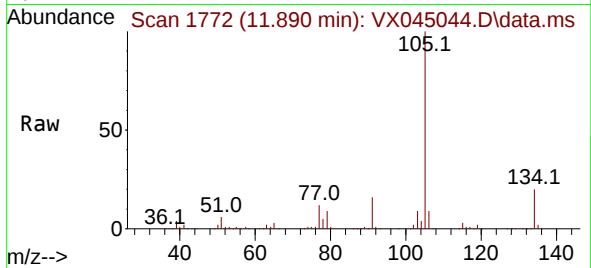
Tgt Ion:105 Resp: 104704
Ion Ratio Lower Upper
105 100
120 45.2 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 19.487 ug/l
 RT: 11.890 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

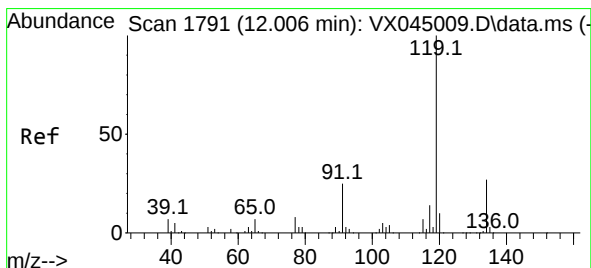
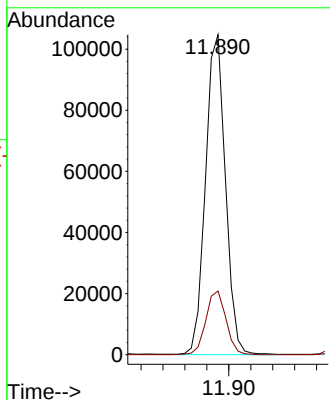
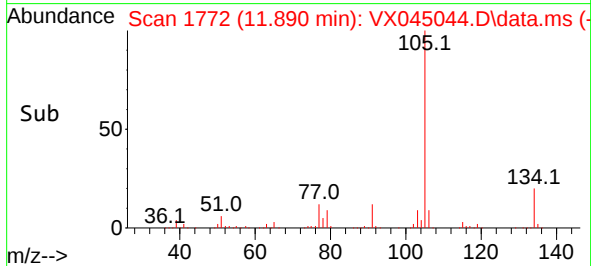
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



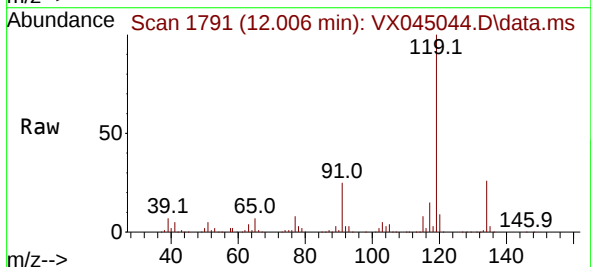
Tgt Ion:105 Resp: 132184
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.0

Manual Integrations
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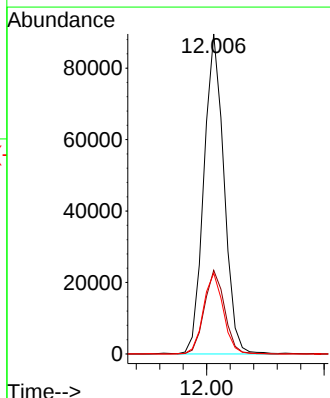
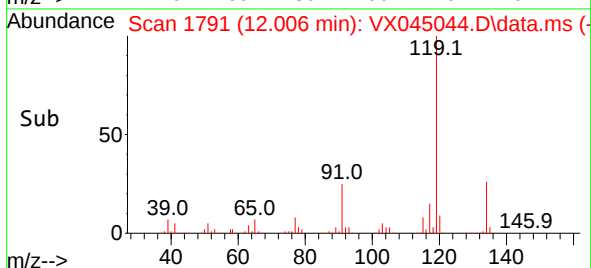
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

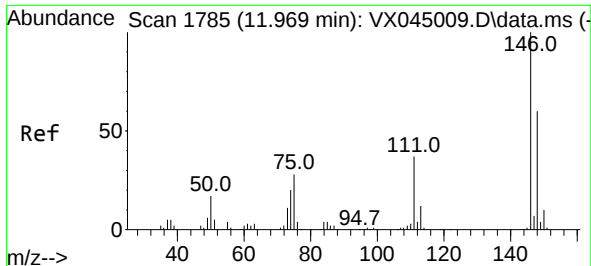


#82
 p-Isopropyltoluene
 Concen: 19.341 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05



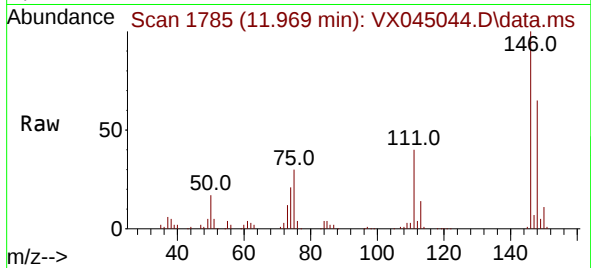
Tgt Ion:119 Resp: 106300
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.6
 91 25.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.660 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

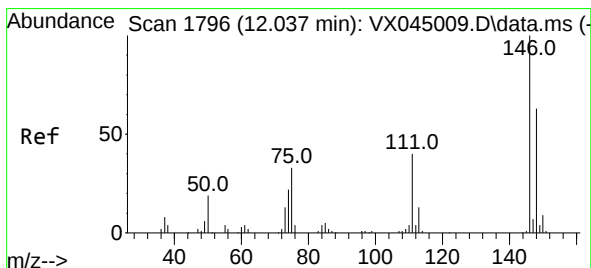
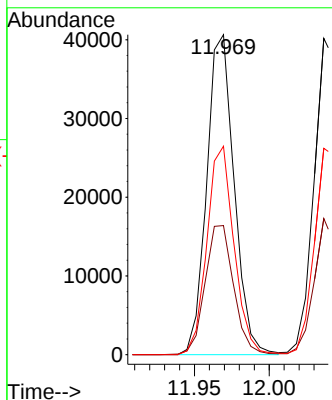
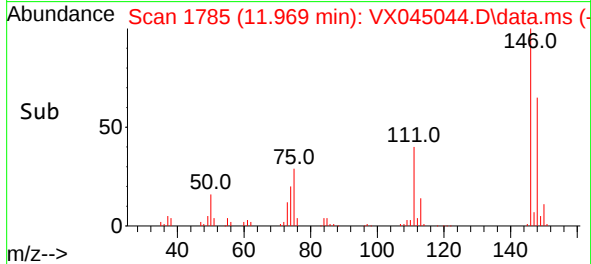
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



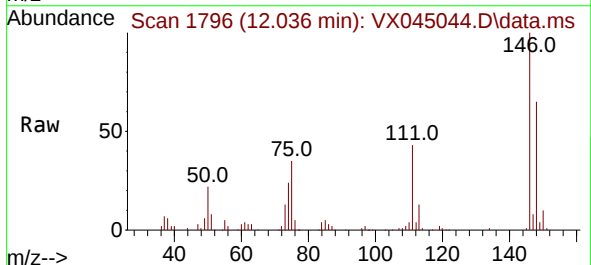
Tgt Ion:146 Resp: 5196
Ion Ratio Lower Upper
146 100
111 42.1 20.2 60.5
148 64.4 31.2 93.6

Manual Integrations
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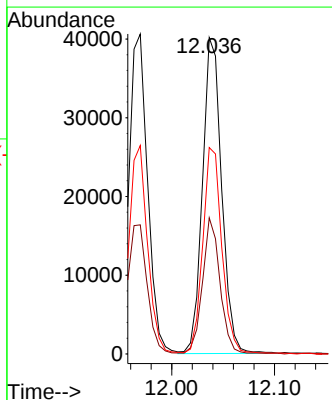
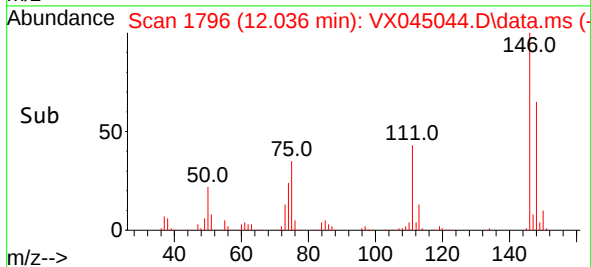
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

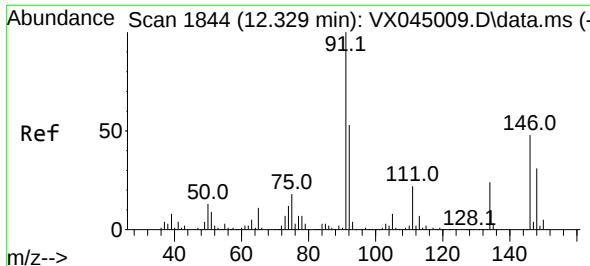


#84
1,4-Dichlorobenzene
Concen: 18.955 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



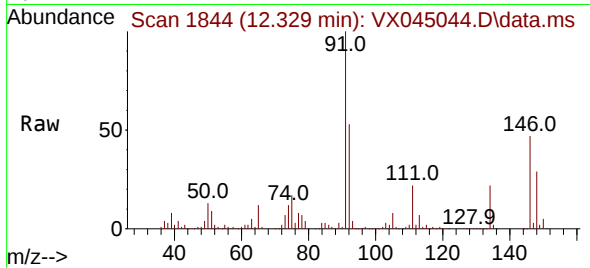
Tgt Ion:146 Resp: 52050
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.2
148 64.4 31.8 95.4





#85
n-Butylbenzene
Concen: 18.603 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

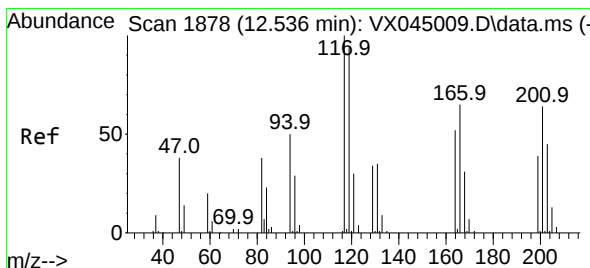
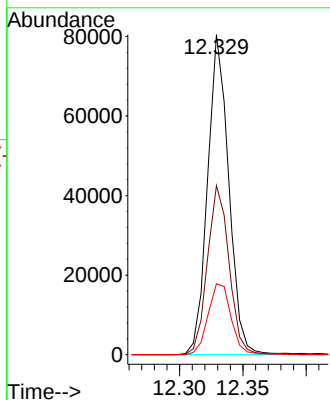
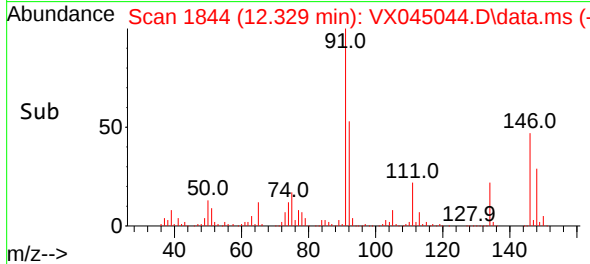
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 9336
Ion Ratio Lower Upper
91 100
92 54.2 0.0 105.2
134 24.3 0.0 49.4

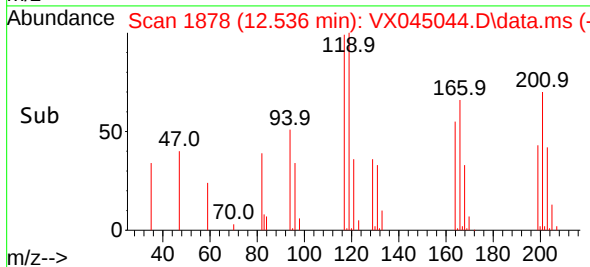
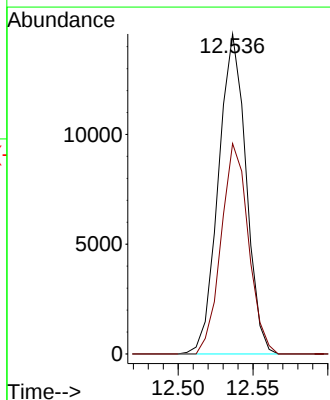
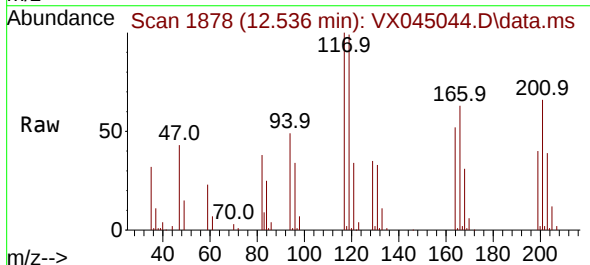
Manual Integrations
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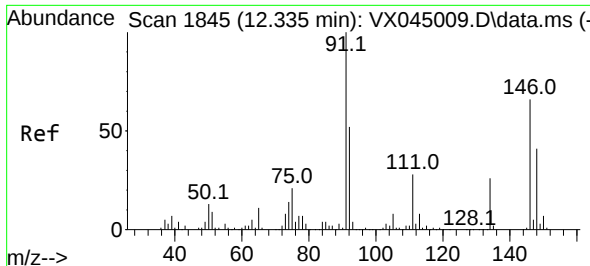
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#86
Hexachloroethane
Concen: 19.298 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

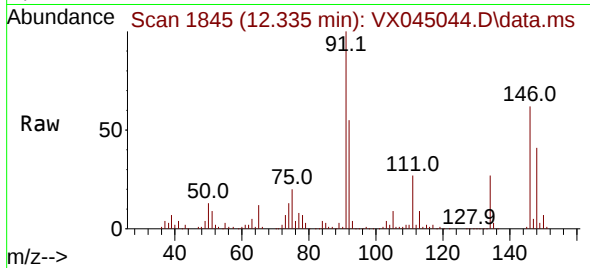
Tgt Ion:117 Resp: 18705
Ion Ratio Lower Upper
117 100
201 65.1 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 19.154 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

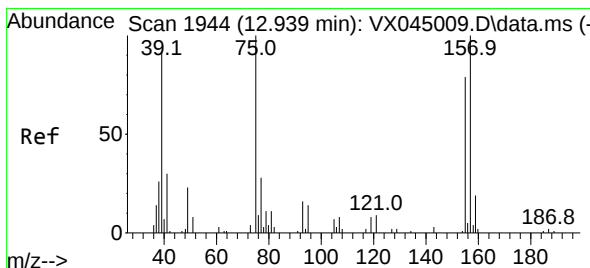
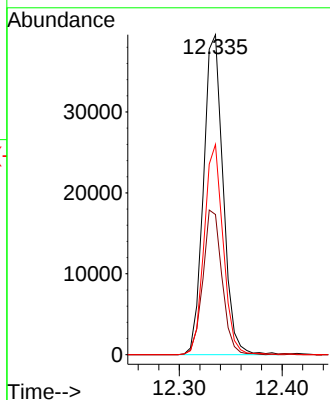
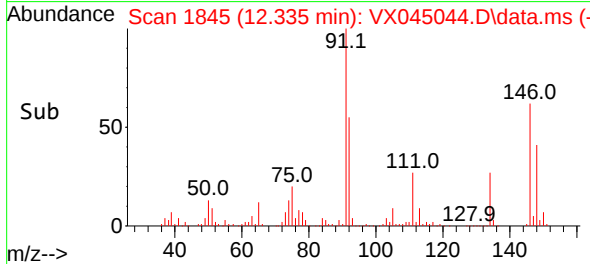
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 52340
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 63.6 31.8 95.4

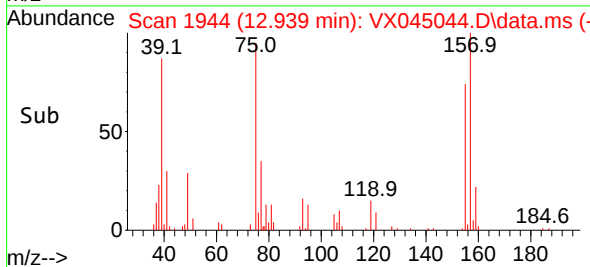
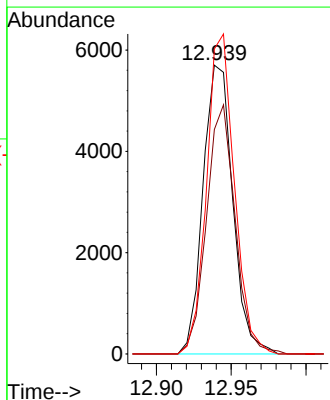
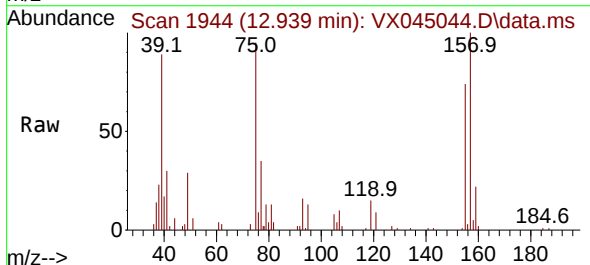
Manual Integrations
APPROVED

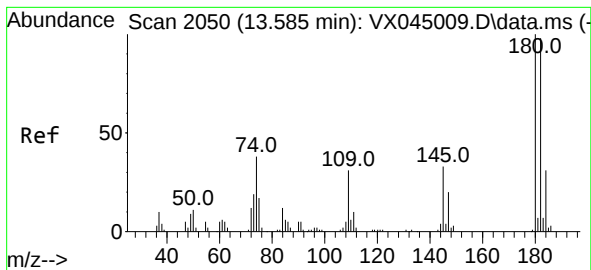
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.050 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

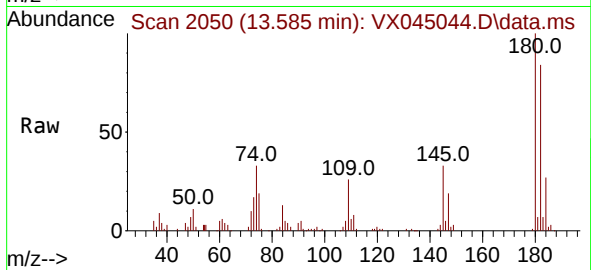
Tgt Ion: 75 Resp: 7886
Ion Ratio Lower Upper
75 100
155 83.1 66.2 99.4
157 103.8 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 18.317 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

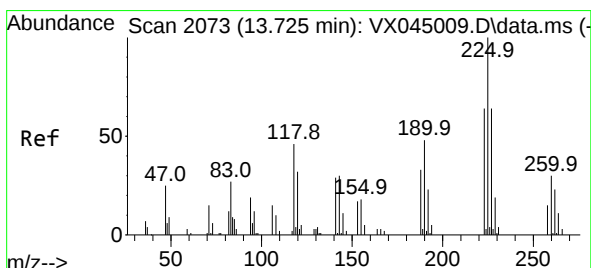
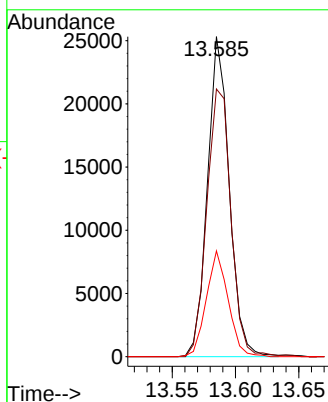
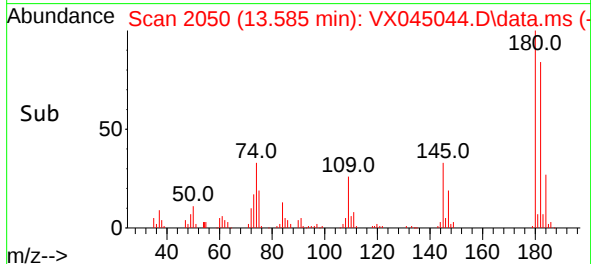
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



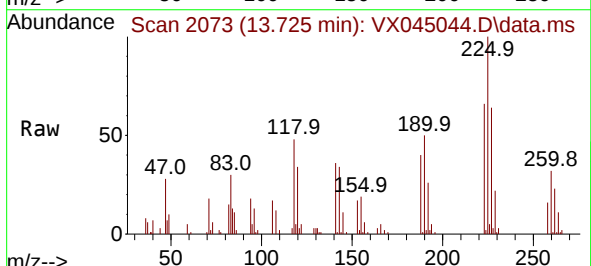
Tgt Ion:180 Resp: 3033
Ion Ratio Lower Upper
180 100
182 92.3 77.7 116.5
145 33.1 25.8 38.6

Manual Integrations
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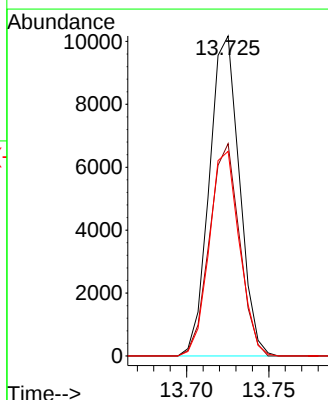
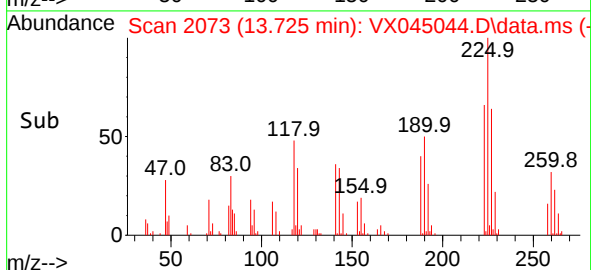
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

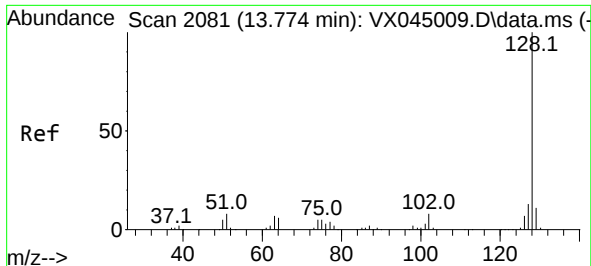


#90
Hexachlorobutadiene
Concen: 19.208 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



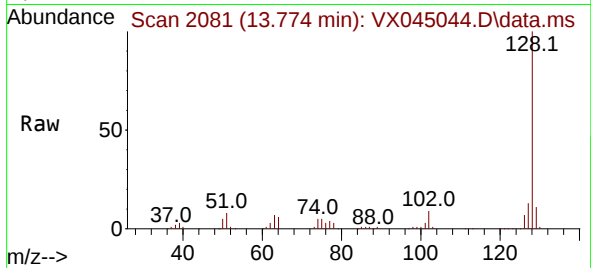
Tgt Ion:225 Resp: 12973
Ion Ratio Lower Upper
225 100
223 66.0 0.0 123.4
227 64.3 0.0 127.4





#91
Naphthalene
Concen: 18.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

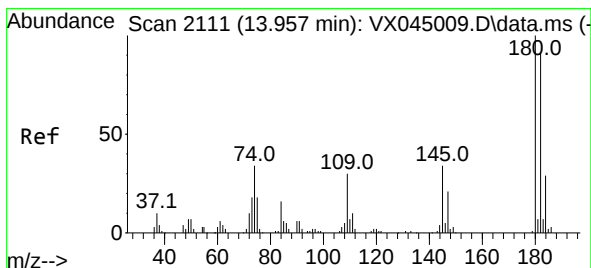
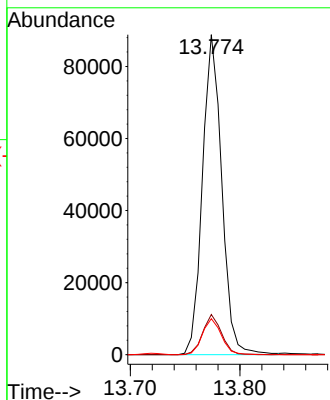
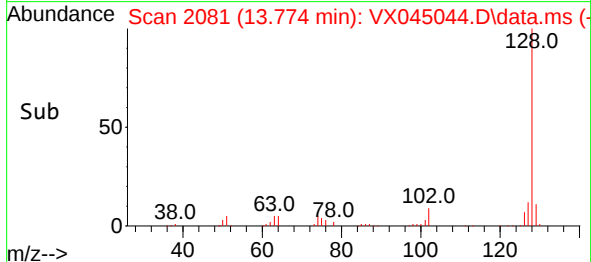
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



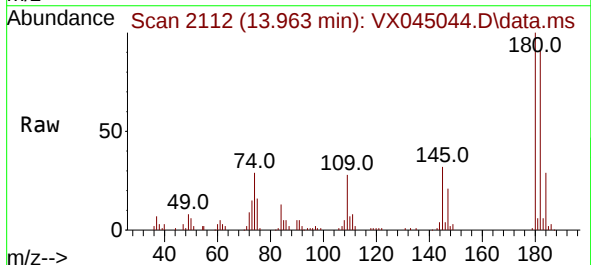
Tgt Ion:128 Resp: 108849
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.359 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05



Tgt Ion:180 Resp: 31303
Ion Ratio Lower Upper
180 100
182 94.0 0.0 186.6
145 33.3 0.0 68.4

