

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045345.D
 Acq On : 19 Mar 2025 14:56
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:35:07 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	4.891	128	15621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	84506	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	78810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	50968	33.593	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.967%#			
60) 4-Bromofluorobenzene	11.079	95	45387	30.811	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.700%			
63) Toluene-d8	8.641	98	130430	29.916	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	26379	20.032	ug/l	98
3) Chloromethane	1.307	50	28921	18.337	ug/l	98
4) Vinyl Chloride	1.374	62	25363	16.665	ug/l	98
5) Bromomethane	1.593	94	12328	23.271	ug/l	91
6) Chloroethane	1.666	64	14495	17.585	ug/l	93
7) Trichlorofluoromethane	1.874	101	38865	19.000	ug/l	94
8) Diethyl Ether	2.130	74	13638	17.622	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	24629	20.273	ug/l	96
10) 1,1-Dichloroethene	2.313	96	23407	19.725	ug/l	92
11) Methyl Iodide	2.441	142	27024	20.121	ug/l	95
12) Methyl Acetate	2.697	43	46084	33.443	ug/l	98
13) Acrolein	2.233	56	28299	102.457	ug/l	97
14) Acrylonitrile	3.056	53	76228	113.252	ug/l	97
15) Acetone	2.380	58	19377	104.969	ug/l	85
16) Carbon Disulfide	2.502	76	53708	15.957	ug/l	99
17) Allyl chloride	2.654	41	43812	19.740	ug/l	97
18) Methylene Chloride	2.782	84	26988	20.220	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	23748	19.781	ug/l	93
20) Diisopropyl ether	3.751	45	85599	20.070	ug/l	99
21) 1,1-Dichloroethane	3.599	63	49231	20.755	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	28882	20.076	ug/l	99
23) tert-Butyl Alcohol	2.959	59	23389	99.538	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	80184	20.703	ug/l	95
25) Chloroform	5.080	83	48866	21.329	ug/l	100
26) Cyclohexane	5.458	56	41216	18.825	ug/l #	96
29) 1,1-Dichloropropene	5.678	75	30483	19.609	ug/l	98
30) 2-Butanone	4.550	43	106414	118.518	ug/l	100
31) 2,2-Dichloropropane	4.459	77	32645	18.572	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	39786	21.124	ug/l	98
33) Carbon Tetrachloride	5.666	117	33988	21.382	ug/l	98
34) Benzene	6.025	78	100378	20.591	ug/l	97
35) Methacrylonitrile	4.910	41	22400	23.314	ug/l	99
36) 1,2-Dichloroethane	6.074	62	39328	23.564	ug/l	95
37) Trichloroethene	7.117	130	23065	20.224	ug/l	94
38) Methylcyclohexane	7.373	83	40072	19.198	ug/l	99
39) 1,2-Dichloropropane	7.421	63	25418	20.973	ug/l	94
40) Dibromomethane	7.574	93	18804	21.621	ug/l	97
41) Bromodichloromethane	7.812	83	36621	21.186	ug/l #	99
42) Vinyl Acetate	3.715	43	345660	99.207	ug/l	99

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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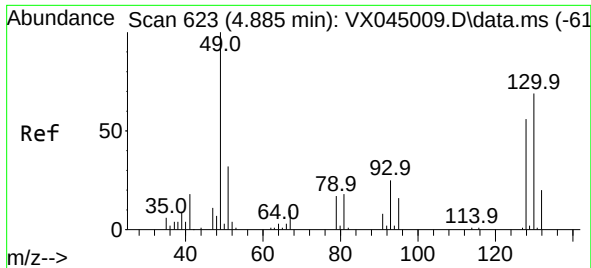
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:35:07 2025
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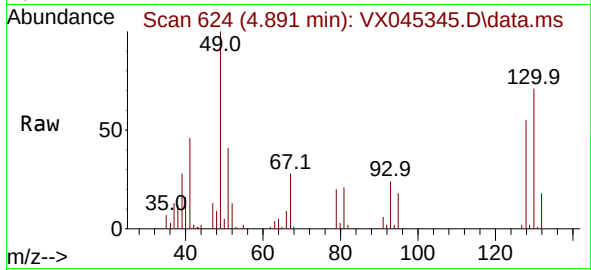
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	36226	21.514	ug/l	98
44) Isopropyl Acetate	6.330	43	59745	21.558	ug/l	98
45) 1,4-Dioxane	7.659	88	11316	392.792	ug/l	95
46) Methyl methacrylate	7.690	41	30130	22.172	ug/l	91
47) n-amyl Acetate	10.842	43	50277	20.907	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	32069	19.248	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	37372	19.815	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	24606	21.690	ug/l	96
51) Ethyl methacrylate	9.110	69	36714	20.578	ug/l	95
52) 1,3-Dichloropropane	9.305	76	43388	21.828	ug/l	100
53) Dibromochloromethane	9.513	129	26272	20.940	ug/l	95
54) 1,2-Dibromoethane	9.604	107	24698	21.440	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	89229	97.390	ug/l	100
56) Bromoform	10.799	173	17029	21.660	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	213980	119.358	ug/l	99
59) 2-Hexanone	9.427	43	158236	122.112	ug/l	98
61) Tetrachloroethene	9.269	164	20058	20.668	ug/l	94
62) Toluene	8.714	91	105422	20.193	ug/l	98
64) Chlorobenzene	10.073	112	65812	20.343	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.159	131	21892	20.508	ug/l	99
66) Ethyl Benzene	10.189	91	115293	20.171	ug/l	98
67) m/p-Xylenes	10.299	106	85614	40.203	ug/l	96
68) o-Xylene	10.640	106	42514	20.347	ug/l	98
69) Styrene	10.653	104	71207	20.405	ug/l	97
70) Isopropylbenzene	10.957	105	112864	20.932	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	39796	22.445	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	33380m	22.889	ug/l	
73) Bromobenzene	11.195	156	25893	20.860	ug/l	99
74) n-propylbenzene	11.299	91	132747	20.688	ug/l	98
75) 2-Chlorotoluene	11.360	91	80426	20.733	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	93676	21.059	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9218	18.787	ug/l	78
78) 4-Chlorotoluene	11.451	91	90045	20.823	ug/l	97
79) tert-butylbenzene	11.713	119	94018	20.977	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	92291	20.712	ug/l	100
81) sec-Butylbenzene	11.890	105	117546	20.897	ug/l	100
82) p-Isopropyltoluene	12.006	119	95463	20.946	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47259	20.463	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	47029	20.653	ug/l	99
85) n-Butylbenzene	12.329	91	85808	20.617	ug/l	99
86) Hexachloroethane	12.536	117	15974	19.873	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	48384	21.352	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7970	23.216	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	26858	19.556	ug/l	99
90) Hexachlorobutadiene	13.725	225	11982	21.393	ug/l	99
91) Naphthalene	13.774	128	101062	20.869	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	27295	19.304	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

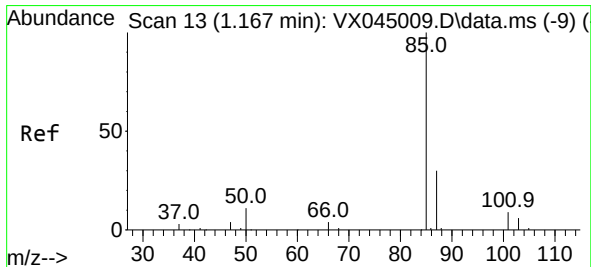
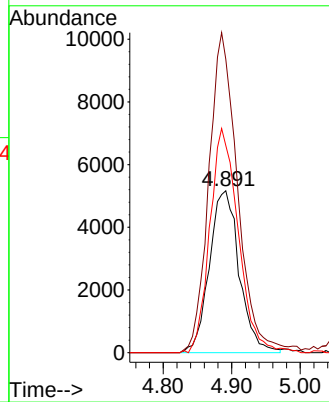
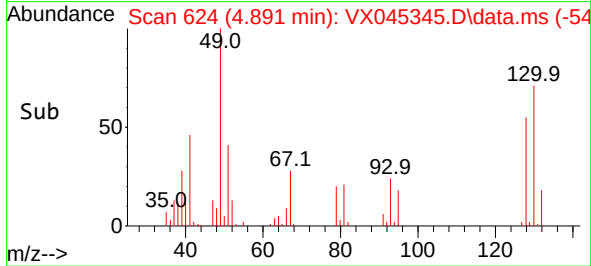
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 1562
Ion Ratio Lower Upper
128 100
49 189.9 0.0 449.7
130 131.3 0.0 312.7

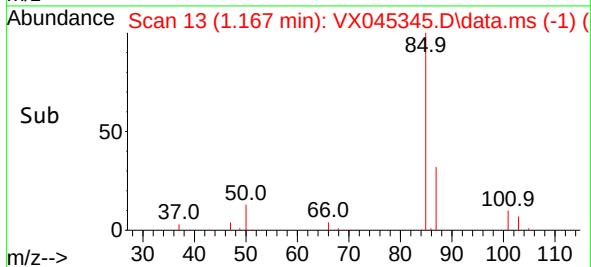
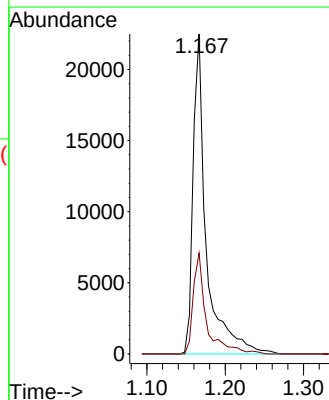
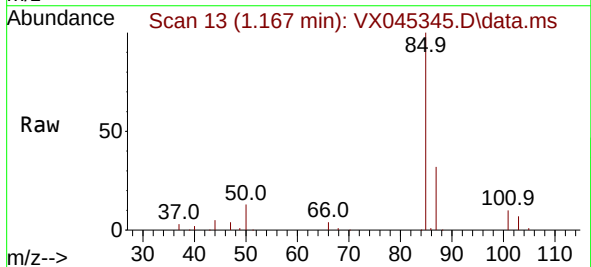
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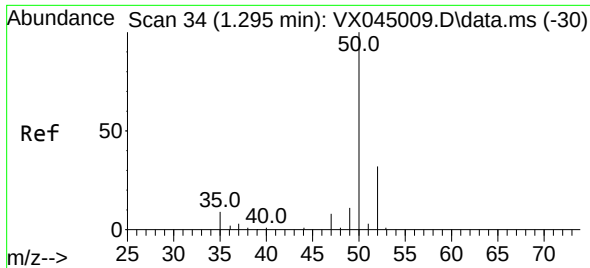
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#2
Dichlorodifluoromethane
Concen: 20.032 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 85 Resp: 26379
Ion Ratio Lower Upper
85 100
87 31.5 15.1 45.3





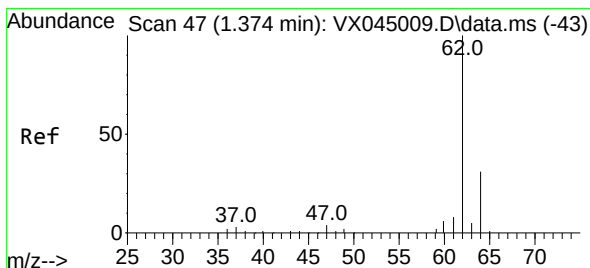
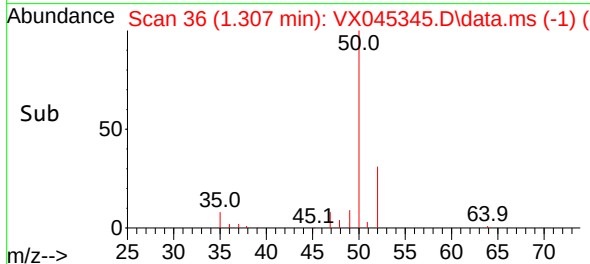
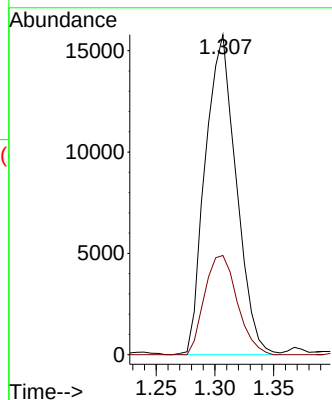
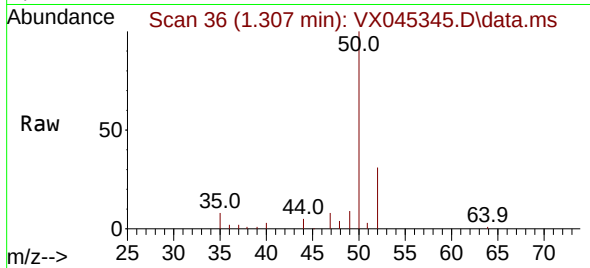
#3
Chloromethane
Concen: 18.337 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 2892
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

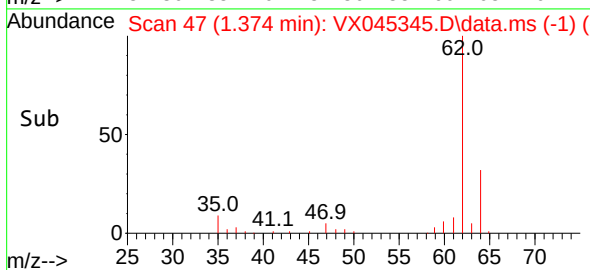
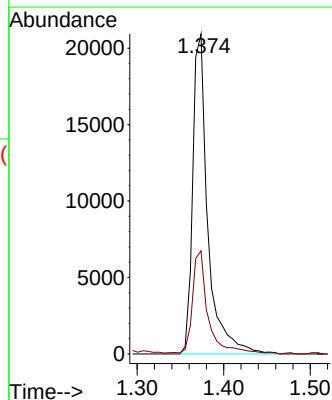
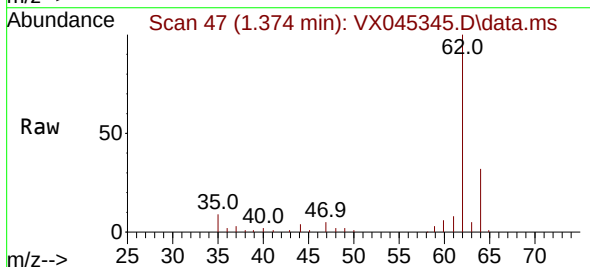
Manual Integrations
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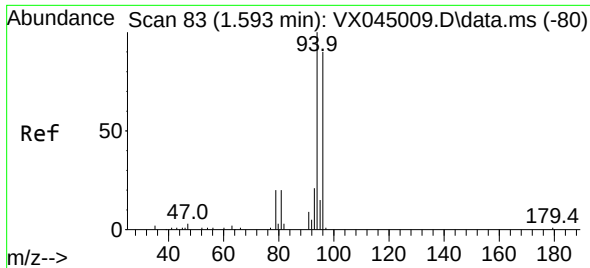
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#4
Vinyl Chloride
Concen: 16.665 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

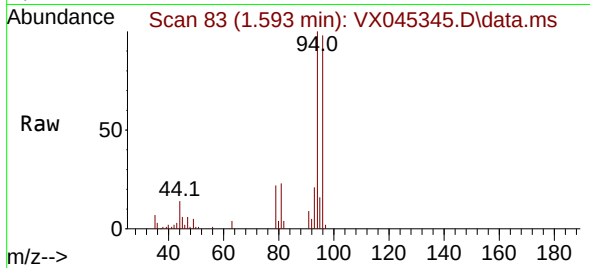
Tgt Ion: 62 Resp: 25363
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 23.271 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

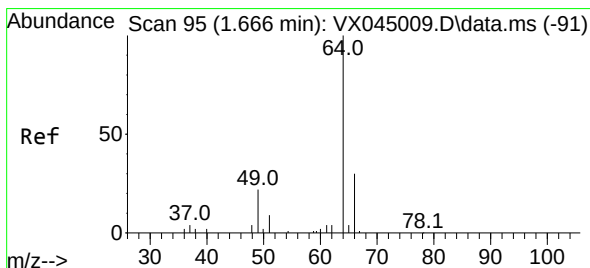
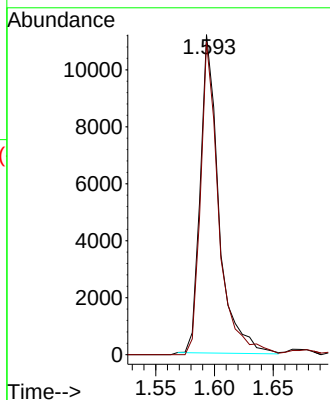
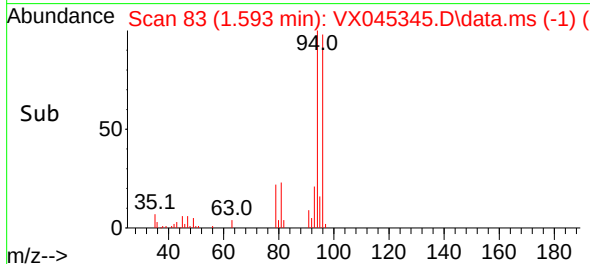
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 12328
Ion Ratio Lower Upper
94 100
96 98.4 72.2 108.4

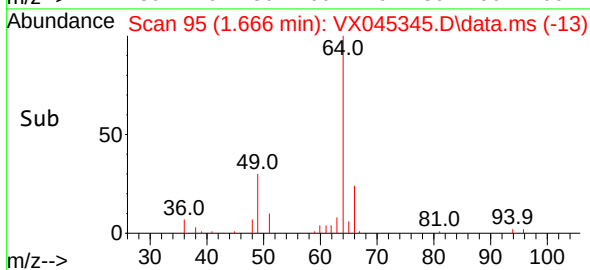
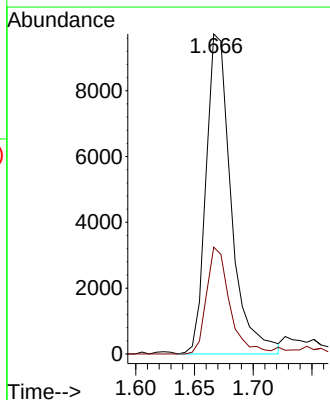
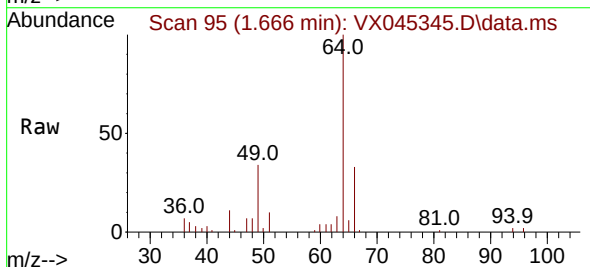
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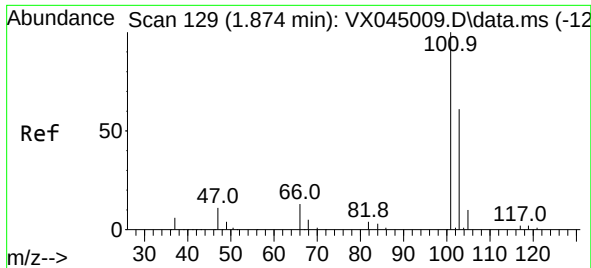
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#6
Chloroethane
Concen: 17.585 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

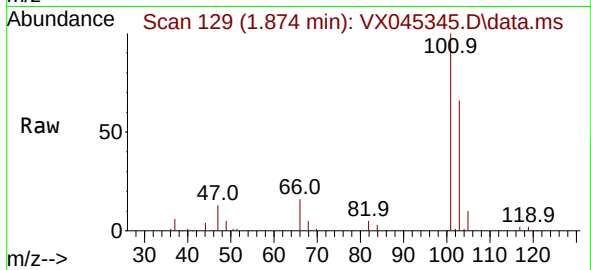
Tgt Ion: 64 Resp: 14495
Ion Ratio Lower Upper
64 100
66 33.3 23.7 35.5





#7
Trichlorofluoromethane
Concen: 19.000 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

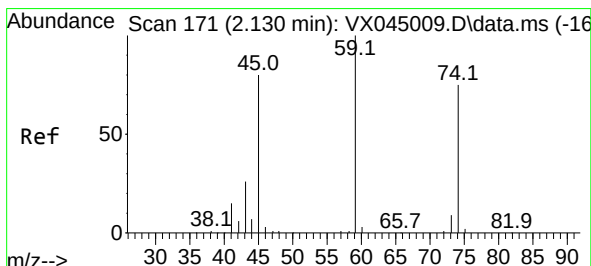
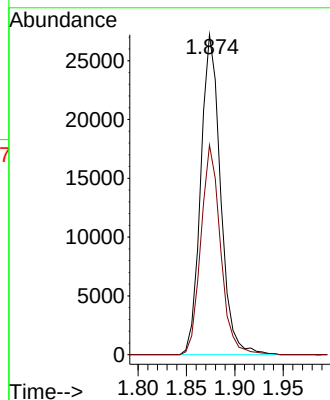
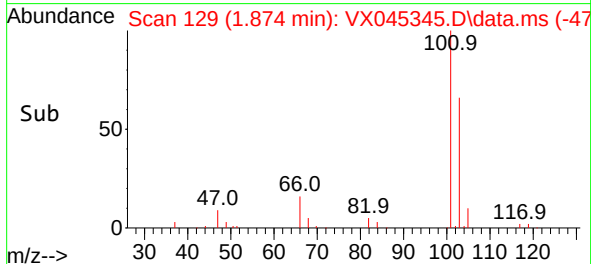
Instrument :
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Tgt Ion:101 Resp: 3886
Ion Ratio Lower Upper
101 100
103 65.5 48.8 73.2

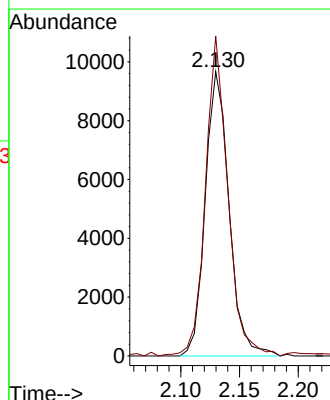
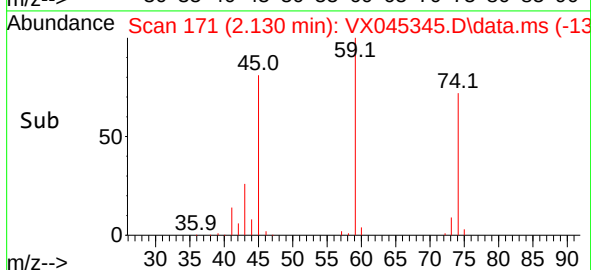
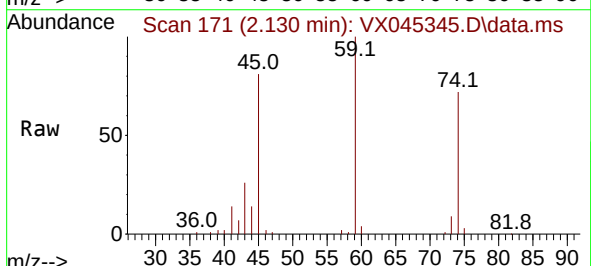
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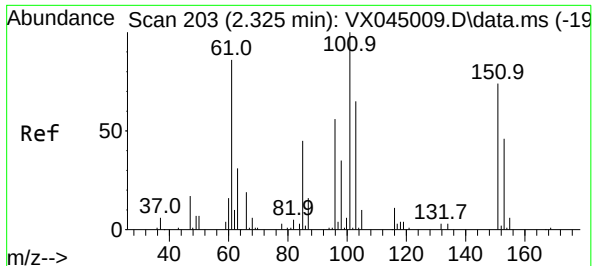
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#8
Diethyl Ether
Concen: 17.622 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 74 Resp: 13638
Ion Ratio Lower Upper
74 100
45 105.4 20.8 186.8





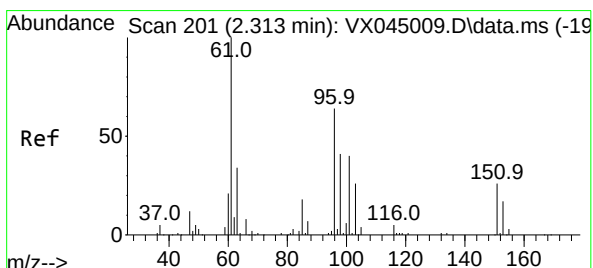
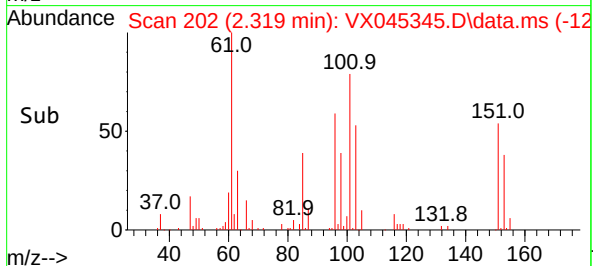
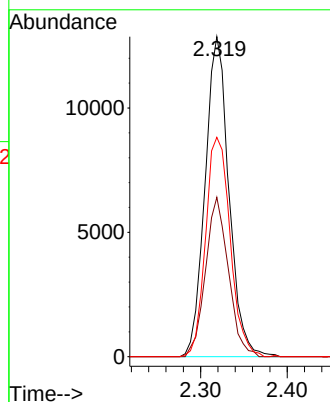
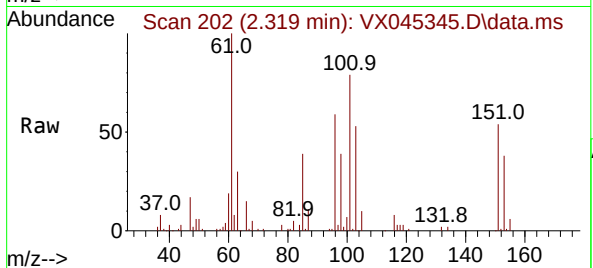
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.273 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 24629
Ion Ratio Lower Upper
101 100
85 47.7 0.0 90.6
151 70.7 0.0 147.6

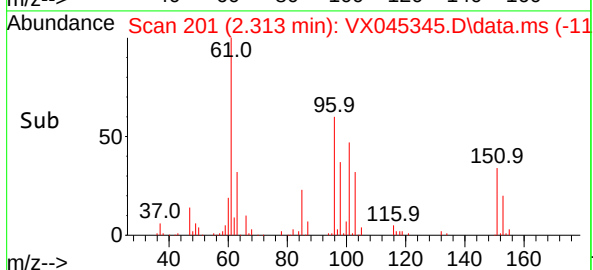
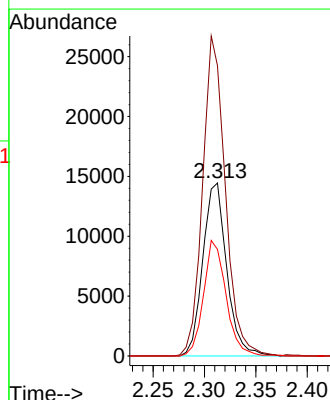
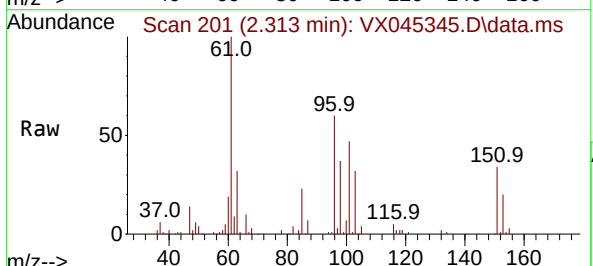
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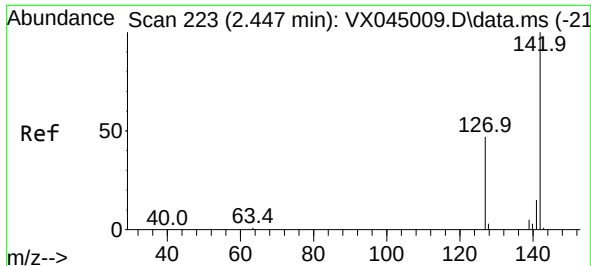
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#10
1,1-Dichloroethene
Concen: 19.725 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

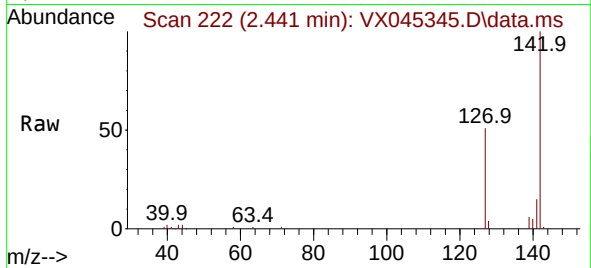
Tgt Ion: 96 Resp: 23407
Ion Ratio Lower Upper
96 100
61 167.8 124.2 186.2
98 61.6 51.1 76.7





#11
Methyl Iodide
Concen: 20.121 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

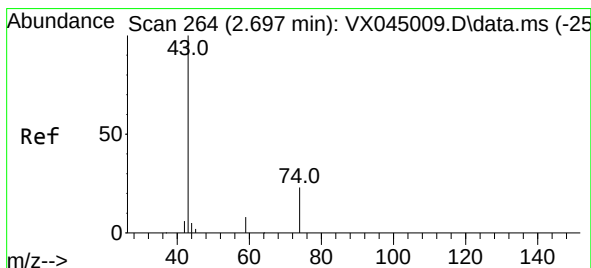
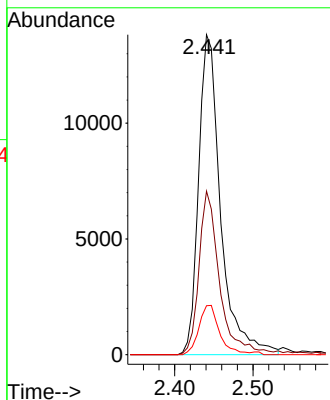
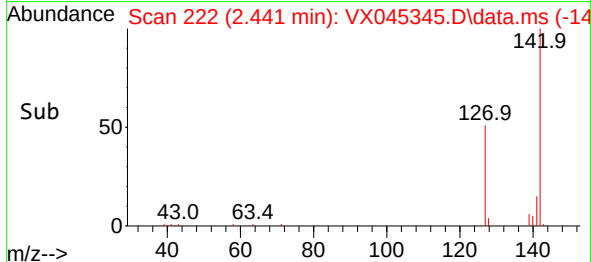
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 27024
Ion Ratio Lower Upper
142 100
127 50.9 23.3 69.9
141 15.4 7.5 22.6

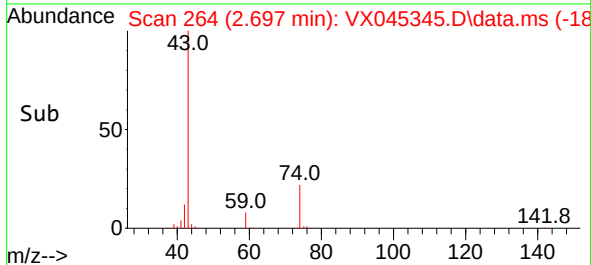
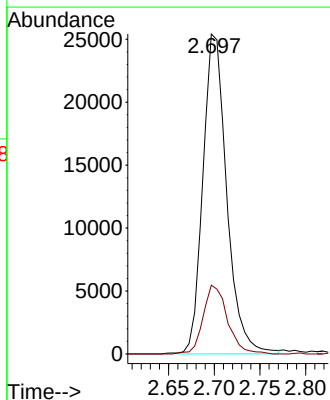
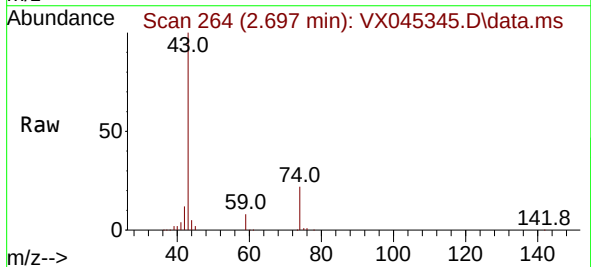
Manual Integrations
APPROVED

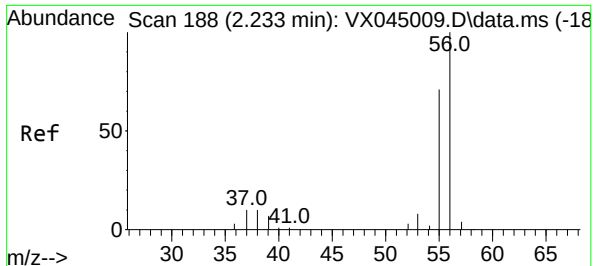
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#12
Methyl Acetate
Concen: 33.443 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

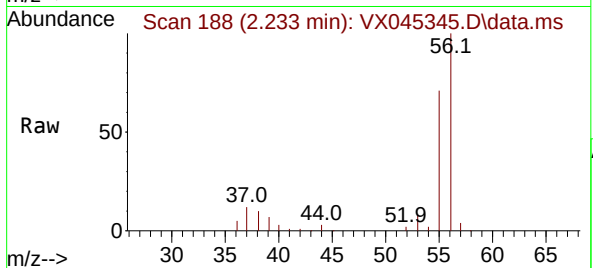
Tgt Ion: 43 Resp: 46084
Ion Ratio Lower Upper
43 100
74 21.5 17.9 26.9





#13
Acrolein
Concen: 102.457 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

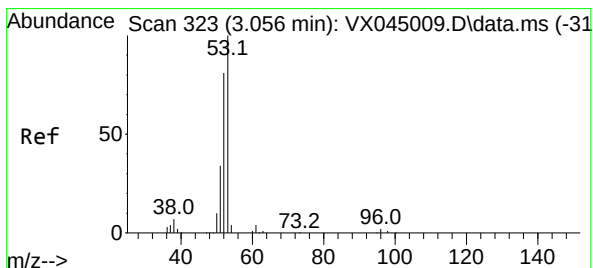
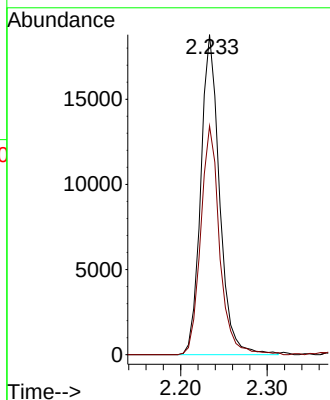
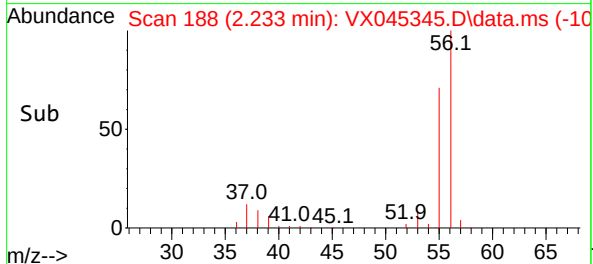
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 28299
Ion Ratio Lower Upper
56 100
55 71.9 55.4 83.2

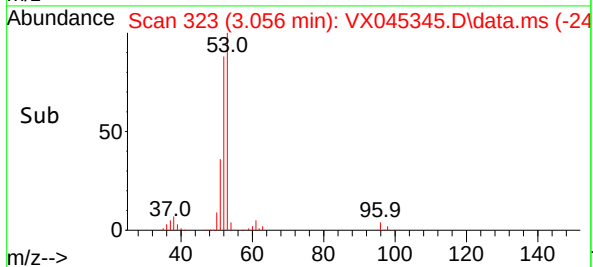
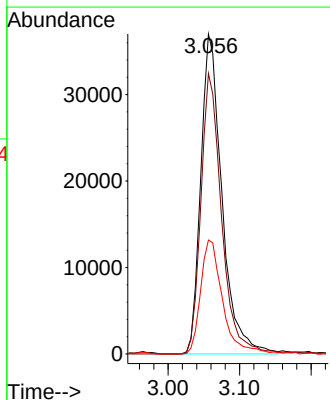
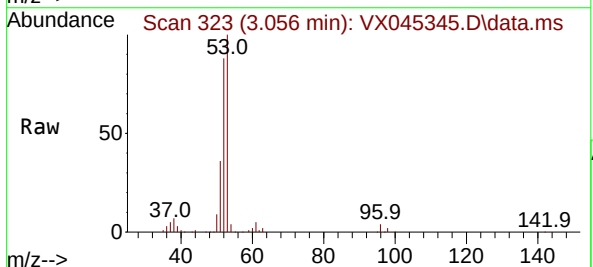
Manual Integrations
APPROVED

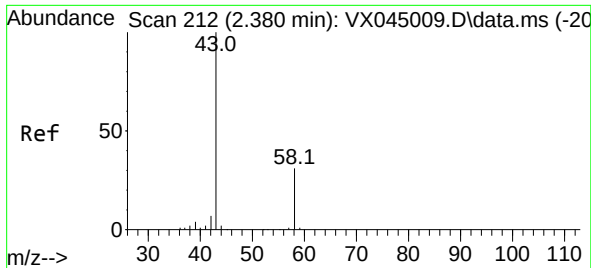
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#14
Acrylonitrile
Concen: 113.252 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

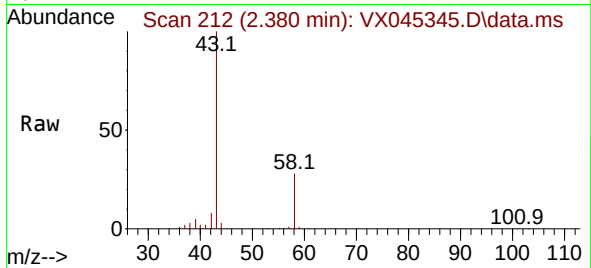
Tgt Ion: 53 Resp: 76228
Ion Ratio Lower Upper
53 100
52 85.3 40.9 122.8
51 36.7 18.0 54.0





#15
Acetone
Concen: 104.969 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

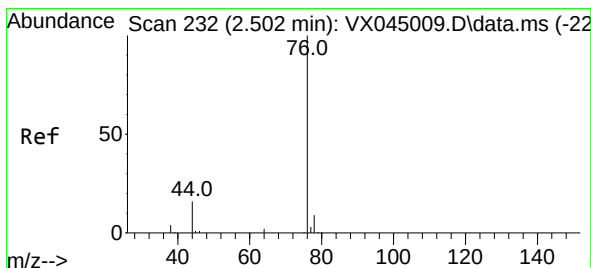
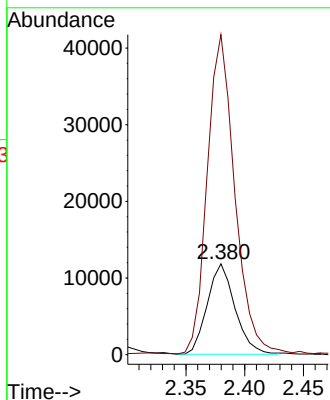
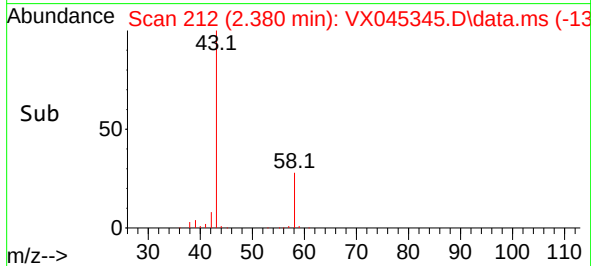
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



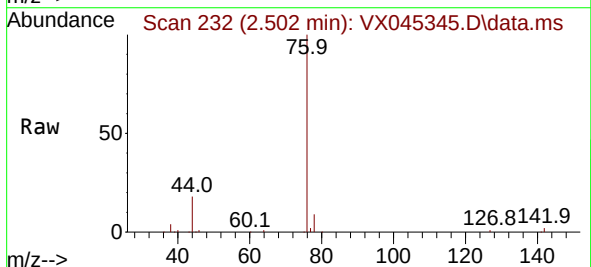
Tgt Ion: 58 Resp: 1937
Ion Ratio Lower Upper
58 100
43 353.2 258.6 388.0

Manual Integrations
APPROVED

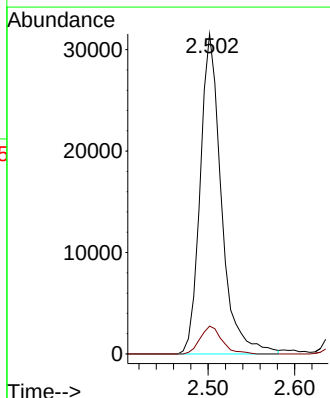
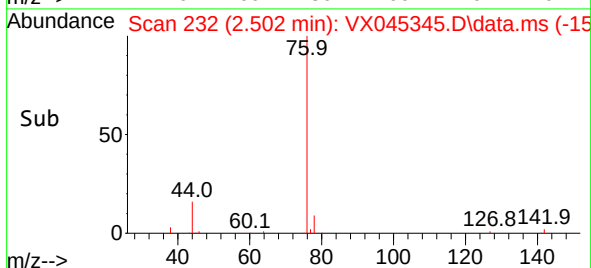
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

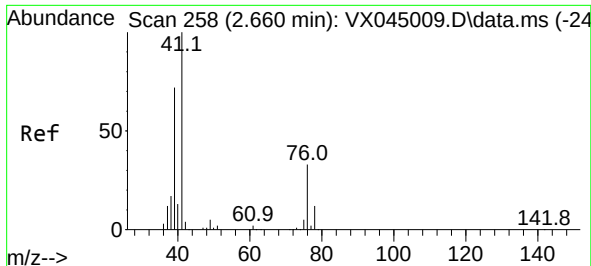


#16
Carbon Disulfide
Concen: 15.957 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



Tgt Ion: 76 Resp: 53708
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9





#17

Allyl chloride

Concen: 19.740 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

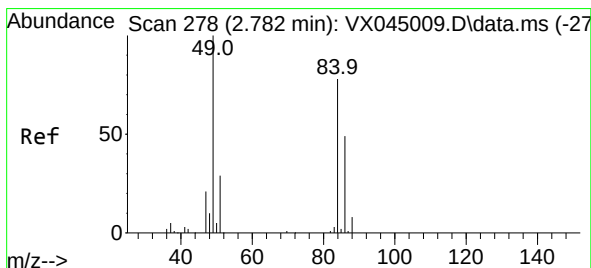
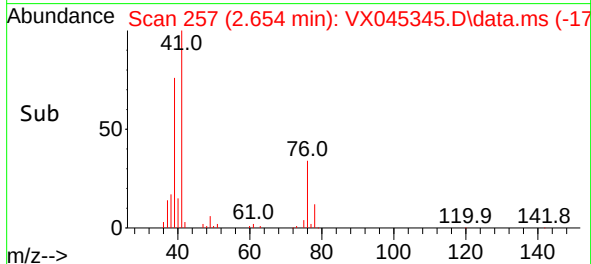
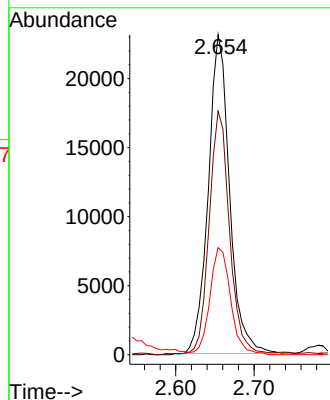
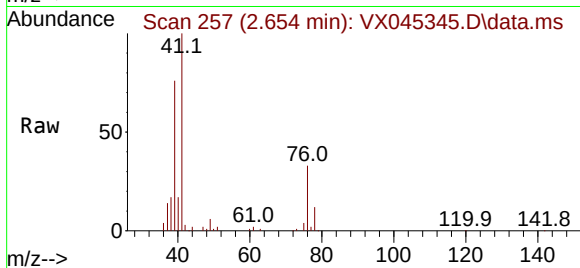
Tgt Ion:	41	Resp:	4381
Ion	Ratio	Lower	Upper
41	100		
39	76.1	36.2	108.6
76	33.6	17.2	51.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#18

Methylene Chloride

Concen: 20.220 ug/l

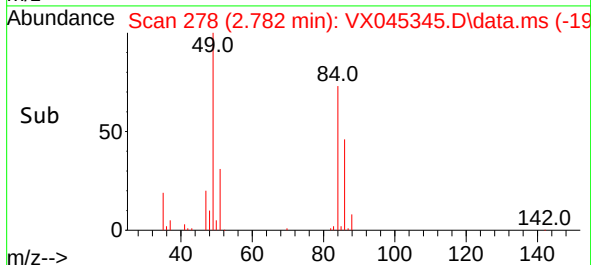
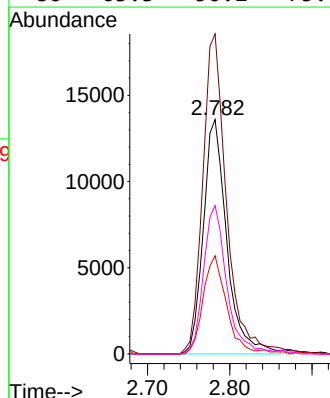
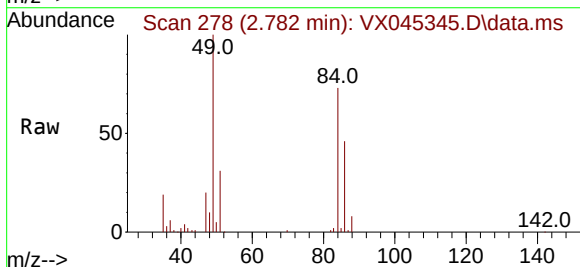
RT: 2.782 min Scan# 278

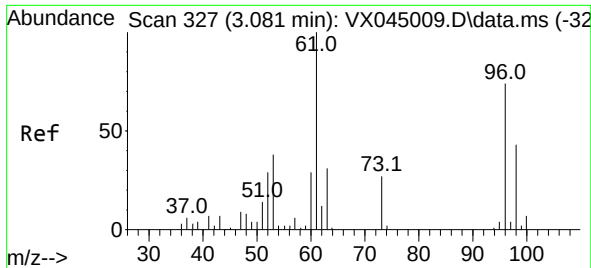
Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

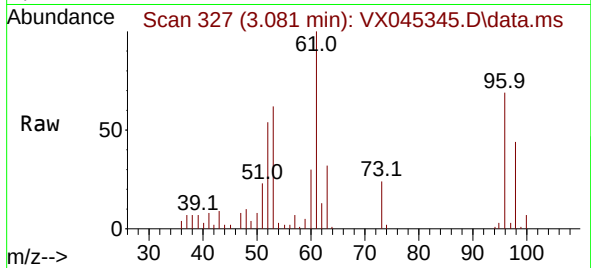
Tgt Ion:	84	Resp:	26988
Ion	Ratio	Lower	Upper
84	100		
49	136.5	102.8	154.2
51	41.9	30.1	45.1
86	63.3	50.2	75.4





#19
trans-1,2-Dichloroethene
Concen: 19.781 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

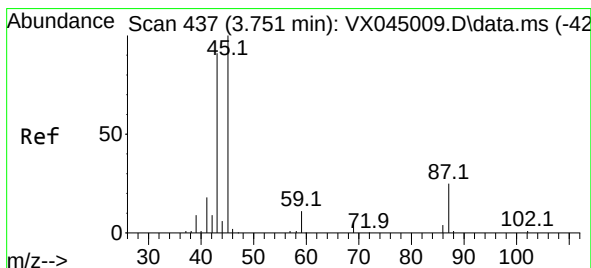
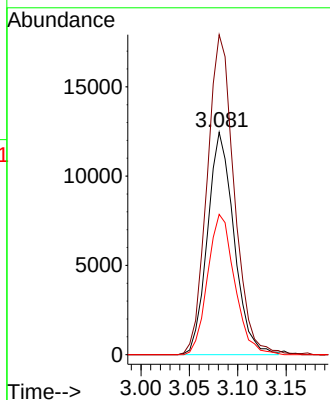
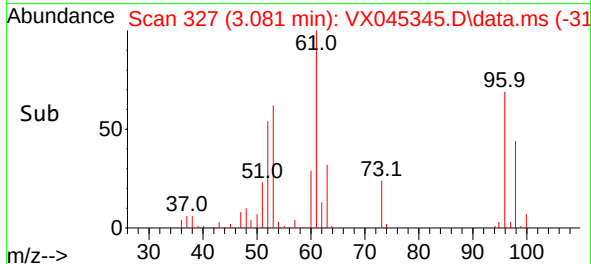
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 23748
Ion Ratio Lower Upper
96 100
61 143.9 108.6 163.0
98 63.1 46.5 69.7

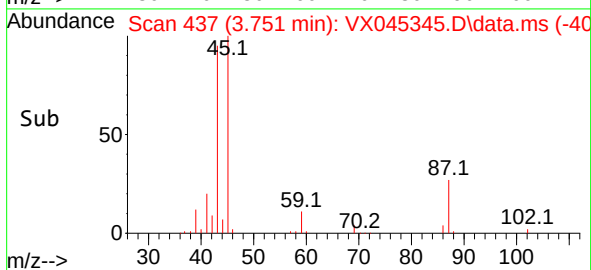
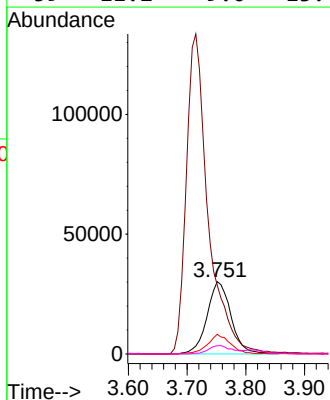
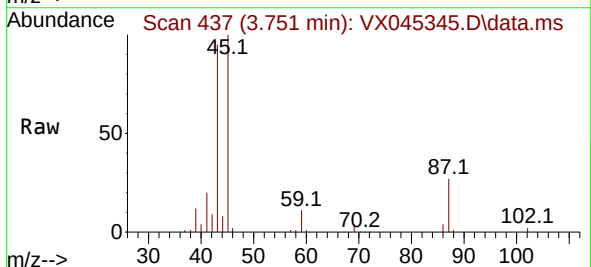
Manual Integrations
APPROVED

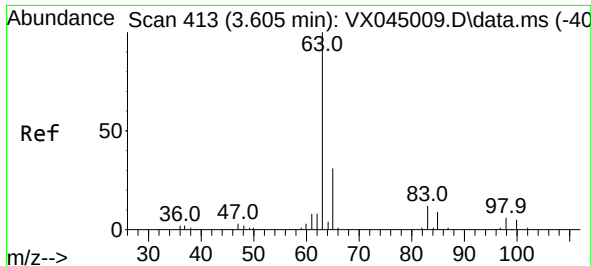
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#20
Diisopropyl ether
Concen: 20.070 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 45 Resp: 85599
Ion Ratio Lower Upper
45 100
43 92.9 74.4 111.6
87 27.2 19.8 29.8
59 11.2 9.0 13.4





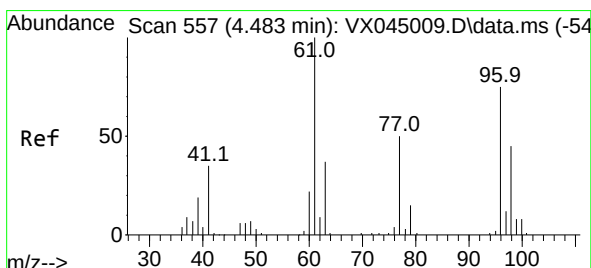
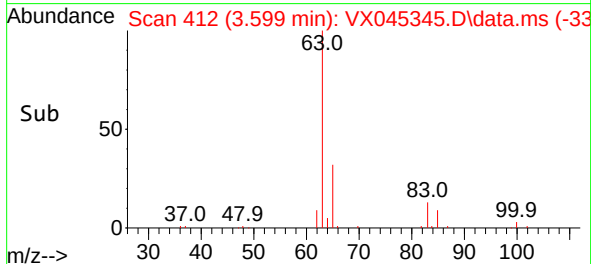
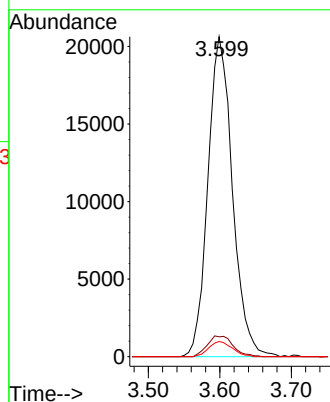
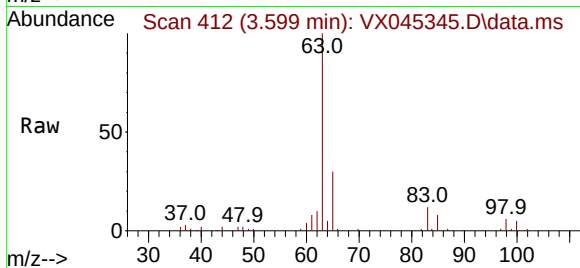
#21
1,1-Dichloroethane
Concen: 20.755 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 4923
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 4.7 2.4 7.1

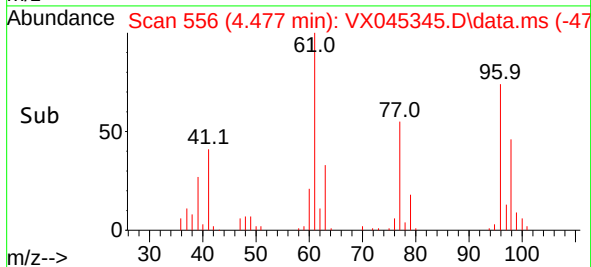
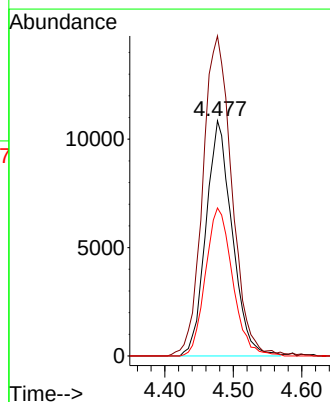
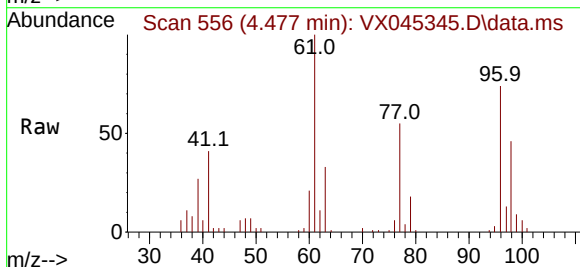
Manual Integrations
APPROVED

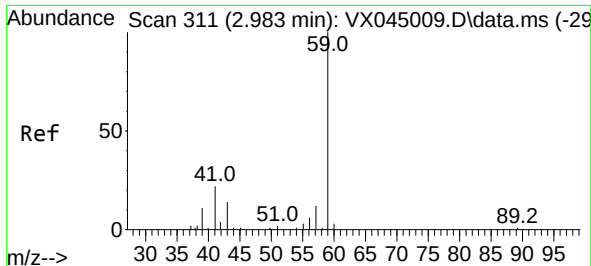
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#22
cis-1,2-Dichloroethene
Concen: 20.076 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 96 Resp: 28882
Ion Ratio Lower Upper
96 100
61 149.7 118.9 178.3
98 64.9 50.7 76.1





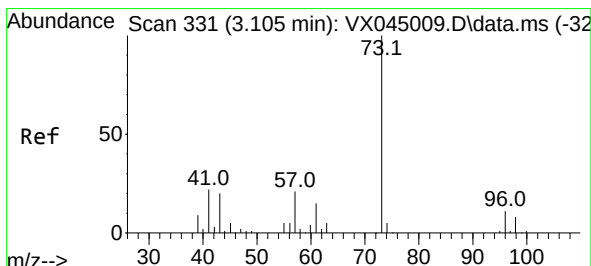
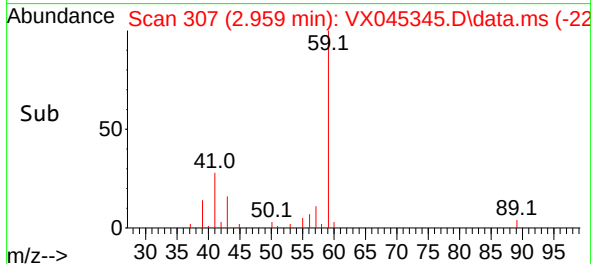
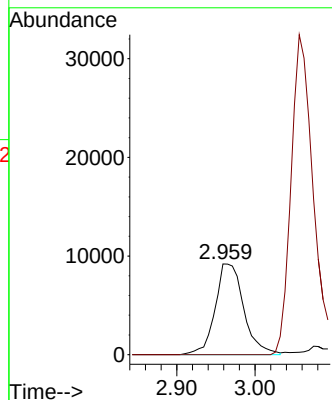
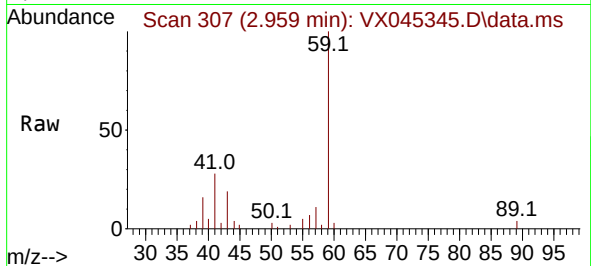
#23
tert-Butyl Alcohol
Concen: 99.538 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 23389
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

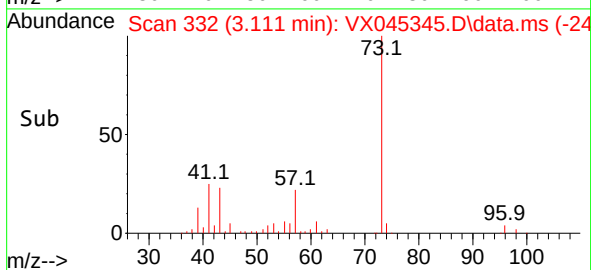
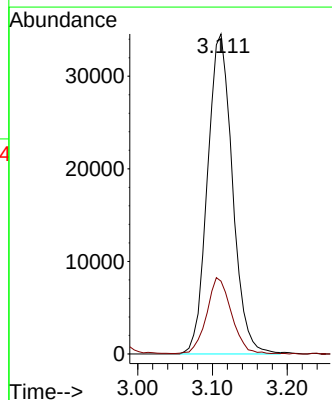
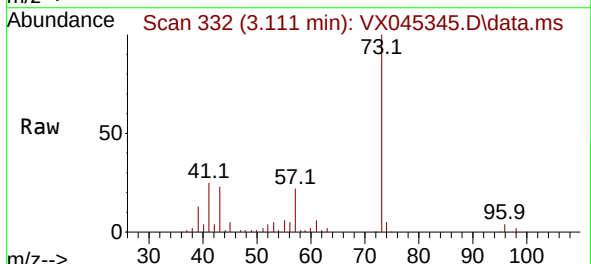
Manual Integrations
APPROVED

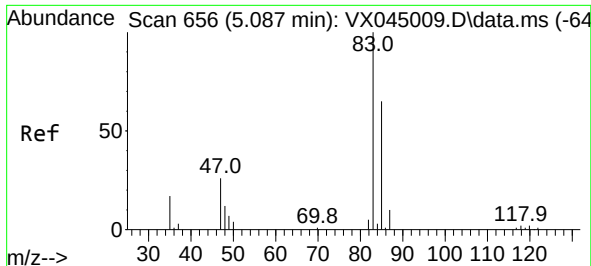
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#24
Methyl tert-Butyl Ether
Concen: 20.703 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 73 Resp: 80184
Ion Ratio Lower Upper
73 100
43 23.9 17.4 26.0





#25

Chloroform

Concen: 21.329 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 4886

Ion Ratio Lower Upper

83 100

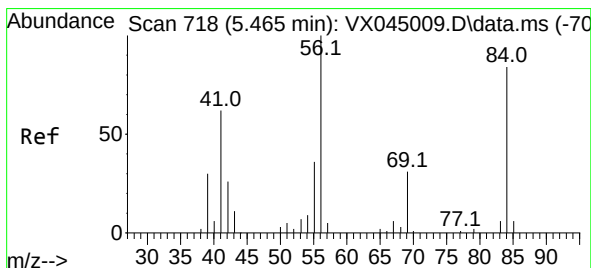
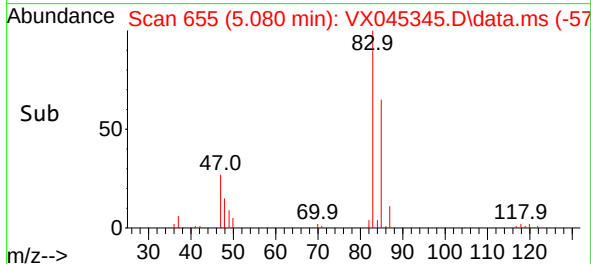
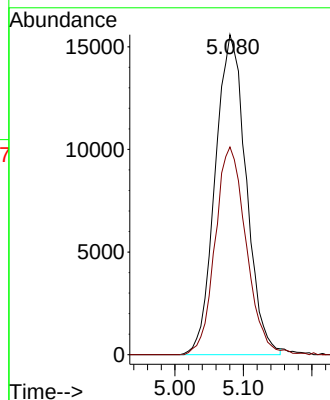
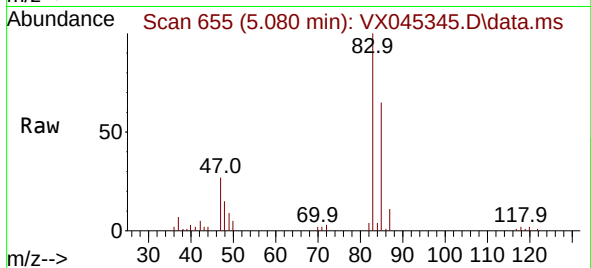
85 64.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#26

Cyclohexane

Concen: 18.825 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

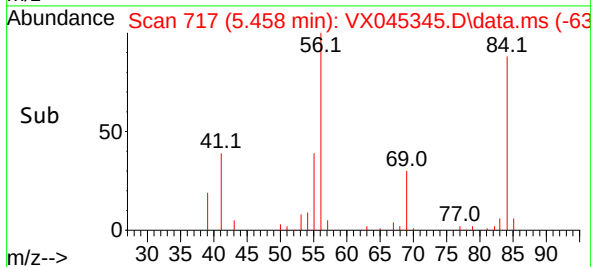
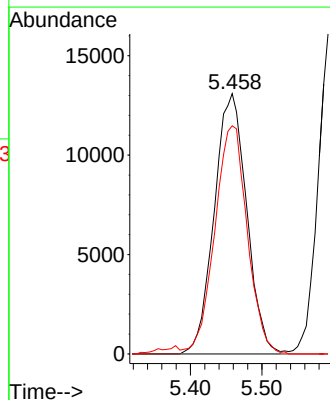
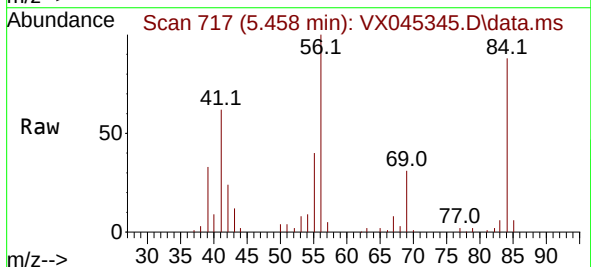
Tgt Ion: 56 Resp: 41216

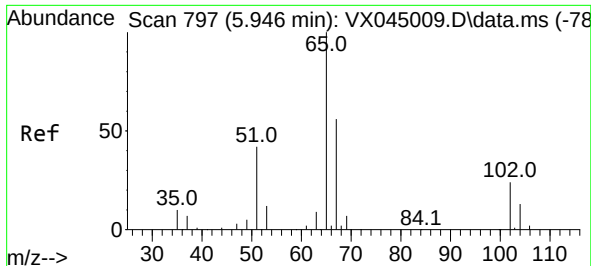
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.9 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 33.593 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 5096

Ion Ratio Lower Upper

65 100

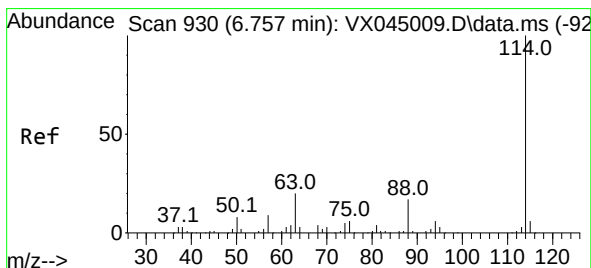
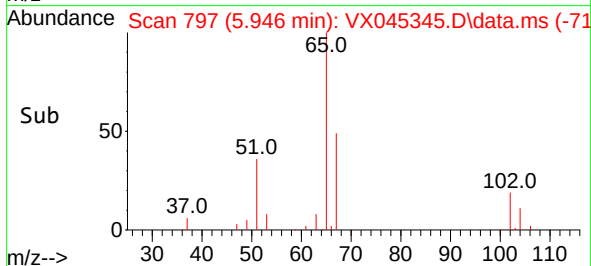
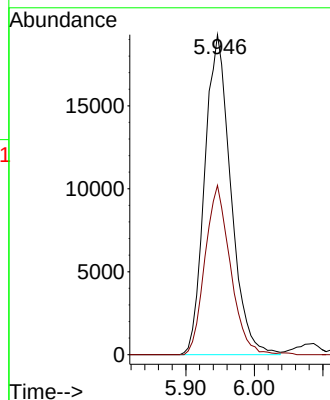
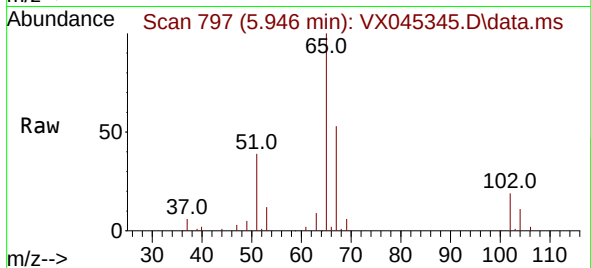
67 51.1 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

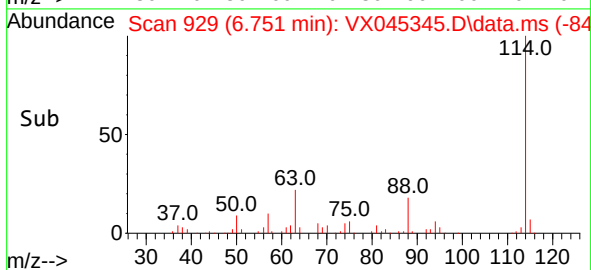
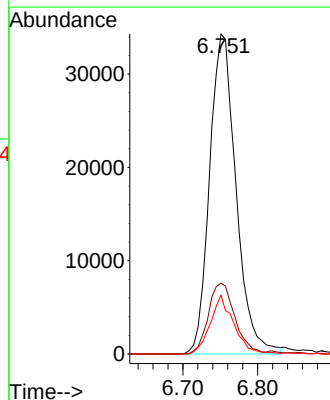
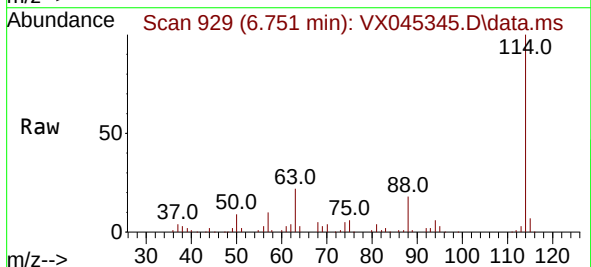
Tgt Ion:114 Resp: 84506

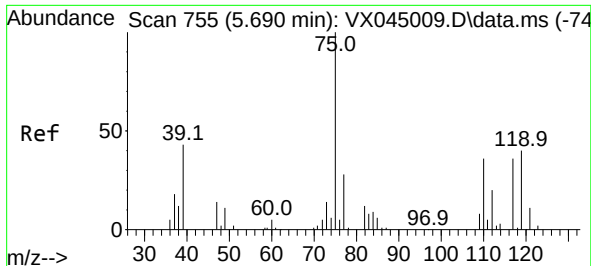
Ion Ratio Lower Upper

114 100

63 22.2 16.8 25.2

88 16.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.609 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.012 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

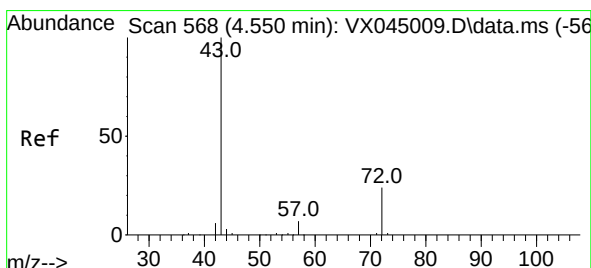
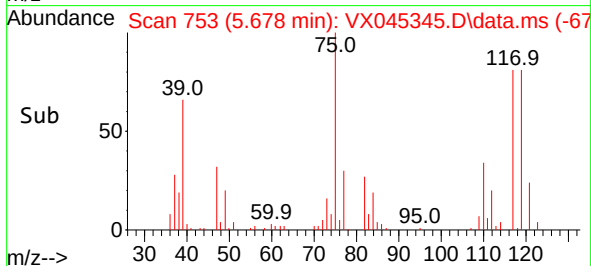
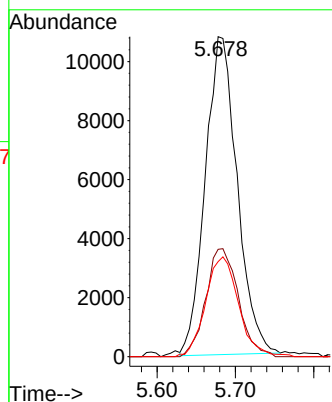
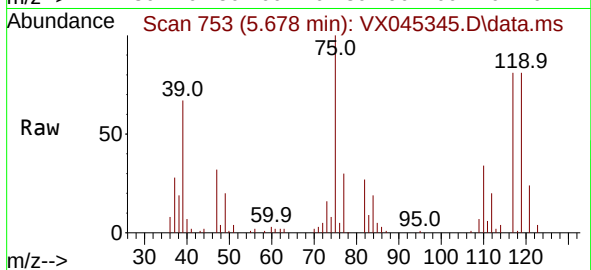
Tgt Ion: 75	Resp: 3048
Ion Ratio	Lower Upper
75 100	
110 34.6	0.0 69.2
77 32.5	0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#30

2-Butanone

Concen: 118.518 ug/l

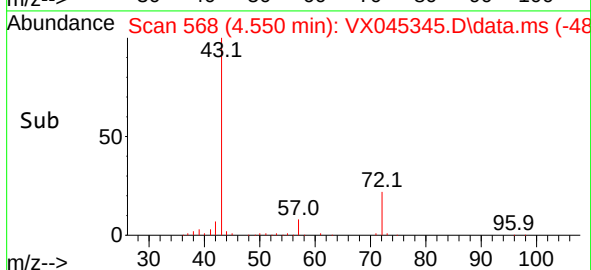
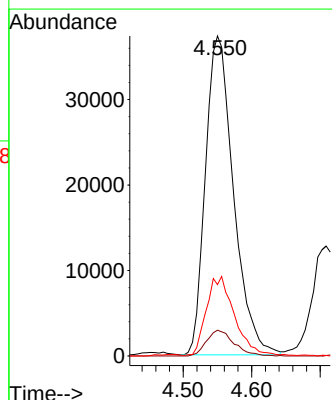
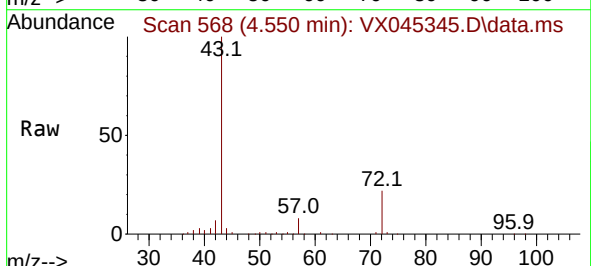
RT: 4.550 min Scan# 568

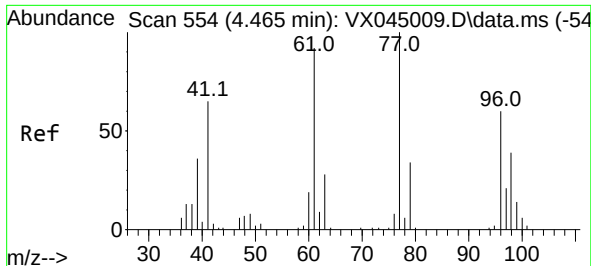
Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Tgt Ion: 43	Resp: 106414
Ion Ratio	Lower Upper
43 100	
57 7.8	6.2 9.2
72 25.0	20.2 30.2





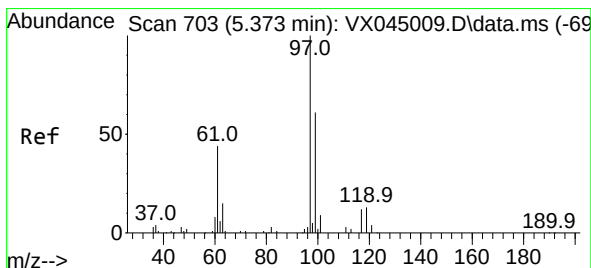
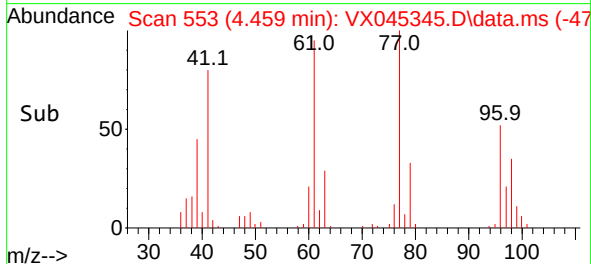
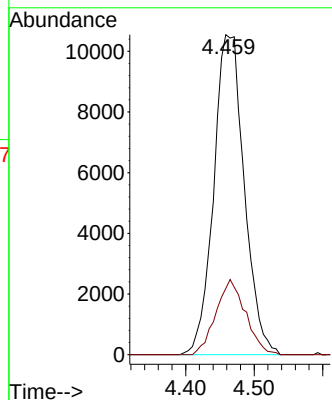
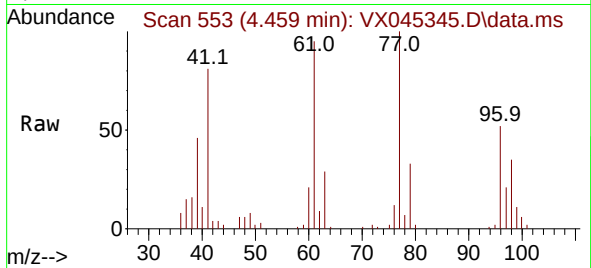
#31
2,2-Dichloropropane
Concen: 18.572 ug/l
RT: 4.459 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 3264
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0

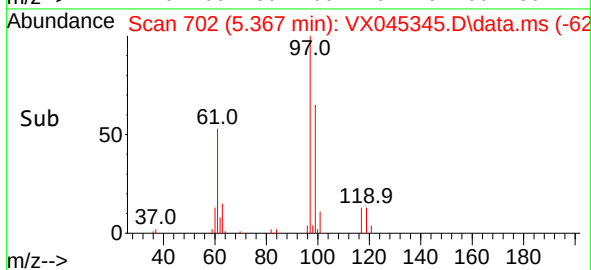
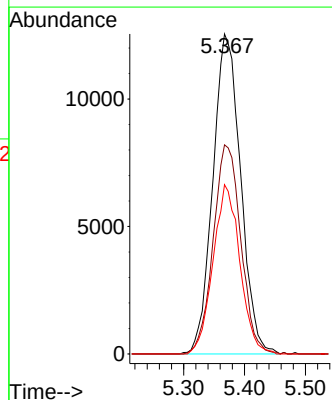
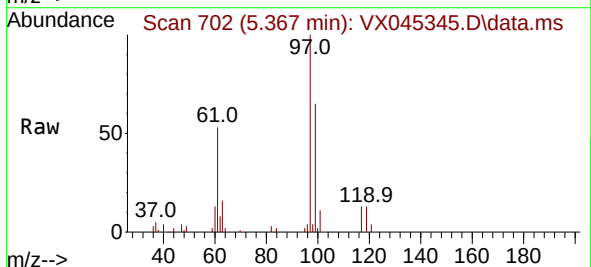
Manual Integrations
APPROVED

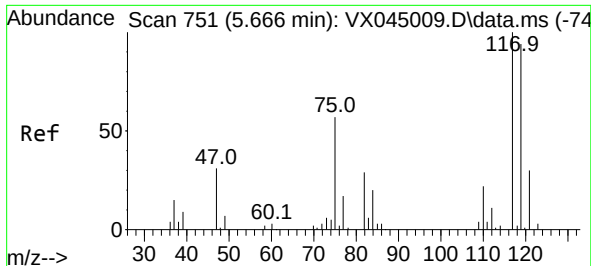
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#32
1,1,1-Trichloroethane
Concen: 21.124 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

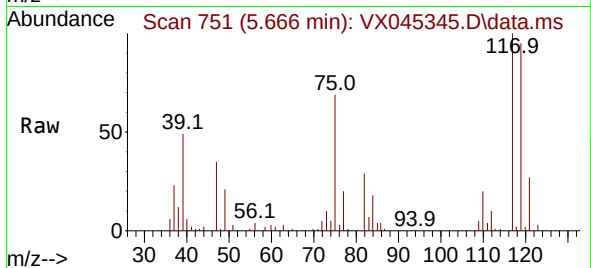
Tgt Ion: 97 Resp: 39786
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 51.1 38.5 57.7





#33
Carbon Tetrachloride
Concen: 21.382 ug/l
RT: 5.666 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

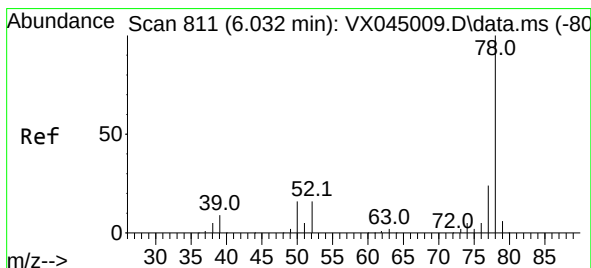
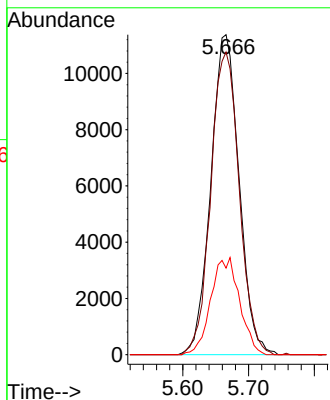
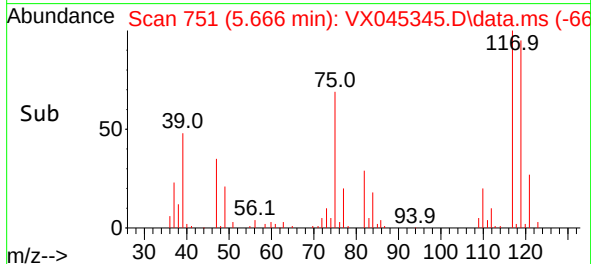
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 3398
Ion Ratio Lower Upper
117 100
119 94.6 75.1 112.7
121 27.0 23.9 35.9

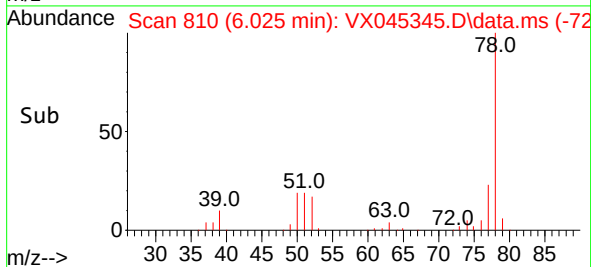
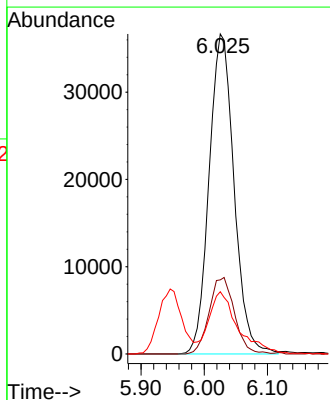
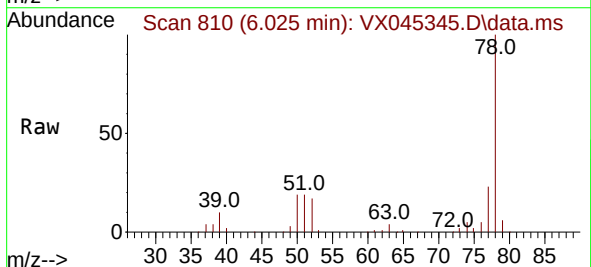
Manual Integrations
APPROVED

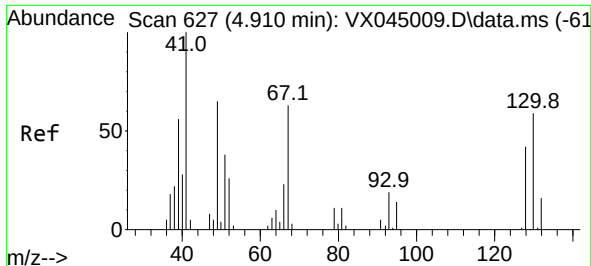
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#34
Benzene
Concen: 20.591 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 78 Resp: 100378
Ion Ratio Lower Upper
78 100
77 23.1 19.6 29.4
51 18.8 13.8 20.6





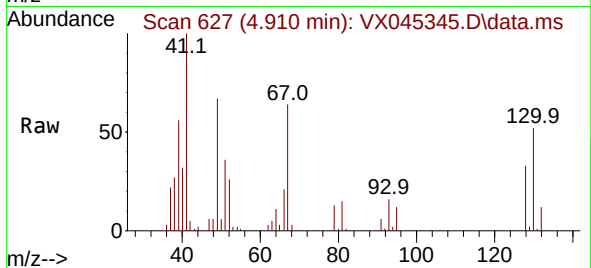
#35
Methacrylonitrile
Concen: 23.314 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



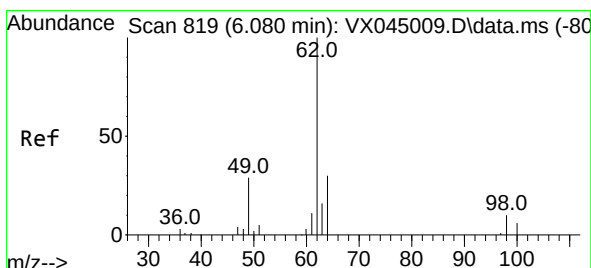
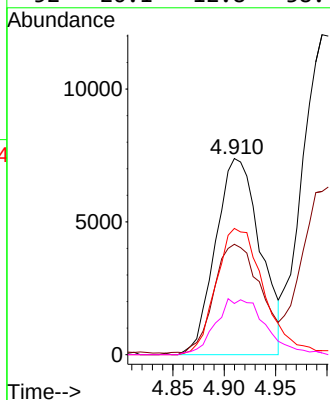
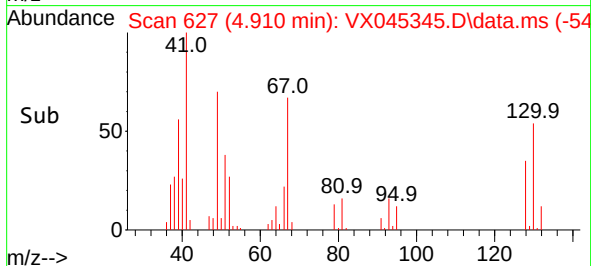
Tgt Ion:	41	Resp:	22400
Ion	Ratio	Lower	Upper
41	100		
39	55.0	27.8	83.4
67	64.3	31.5	94.5
52	26.1	12.8	38.4

Manual Integrations

APPROVED

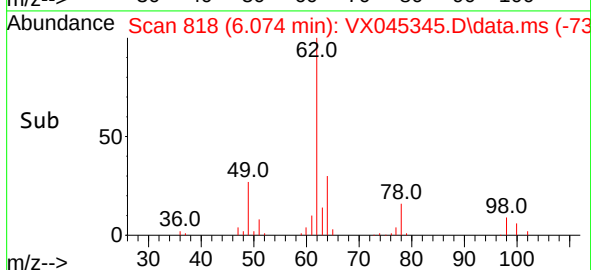
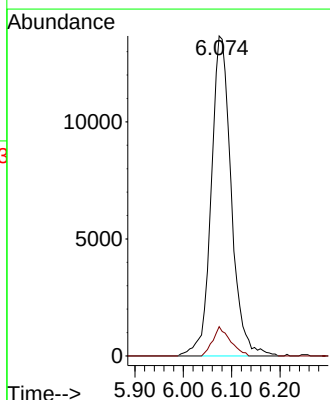
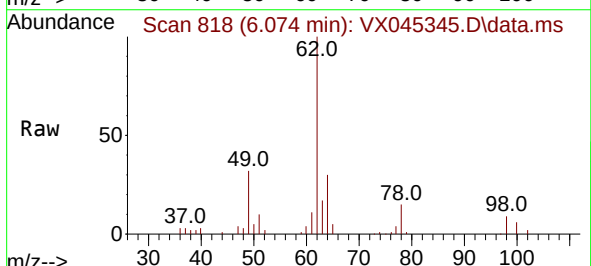
Reviewed By :John Carlone 03/20/2025

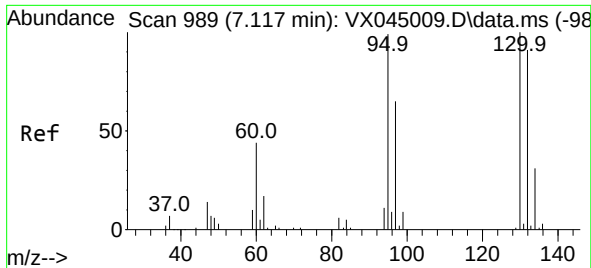
Supervised By :Mahesh Dadoda 03/20/2025



#36
1,2-Dichloroethane
Concen: 23.564 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

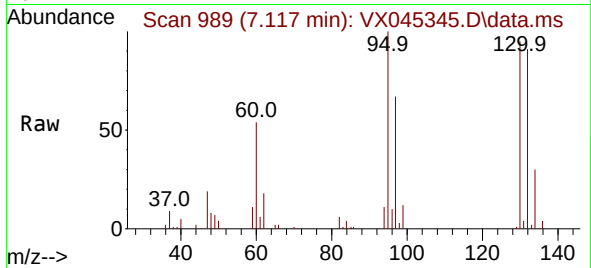
Tgt Ion:	62	Resp:	39328
Ion	Ratio	Lower	Upper
62	100		
98	8.0	7.9	11.9





#37
Trichloroethene
Concen: 20.224 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

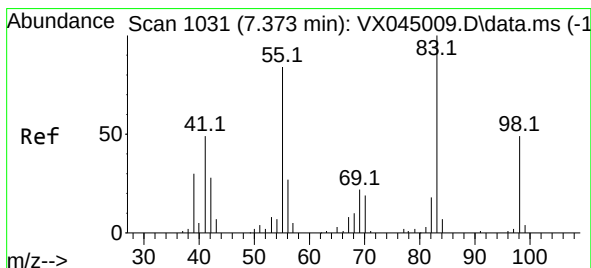
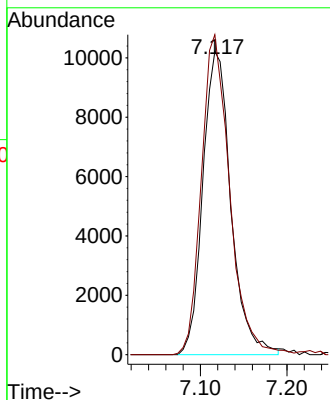
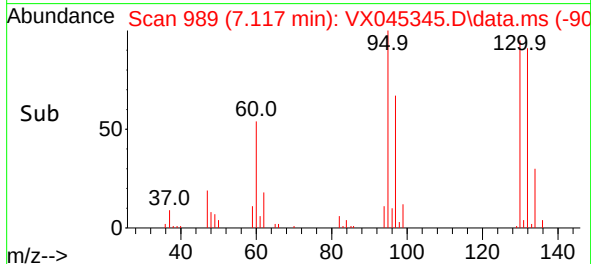
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



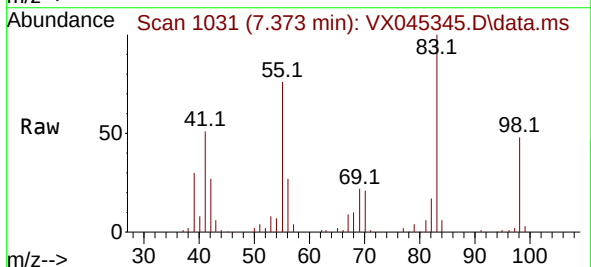
Tgt Ion:130 Resp: 2306
Ion Ratio Lower Upper
130 100
95 105.0 79.0 118.4

Manual Integrations
APPROVED

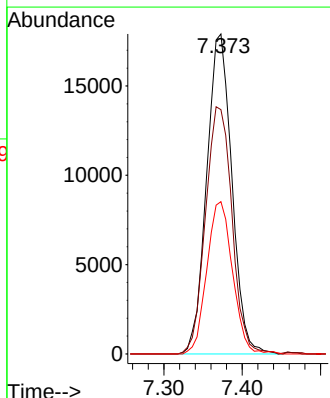
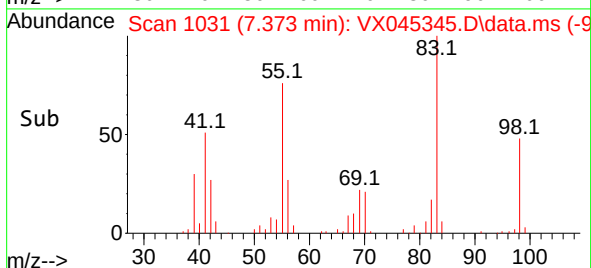
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

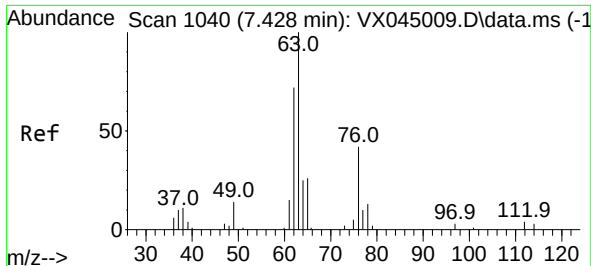


#38
Methylcyclohexane
Concen: 19.198 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



Tgt Ion: 83 Resp: 40072
Ion Ratio Lower Upper
83 100
55 81.2 40.6 122.0
98 48.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.973 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 25418

Ion Ratio Lower Upper

63 100

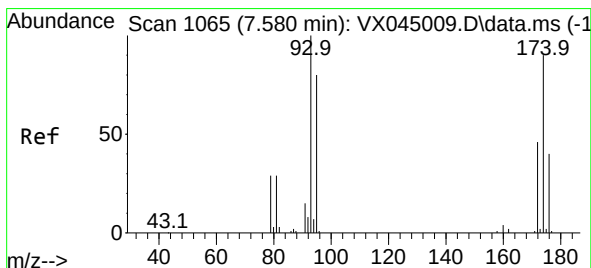
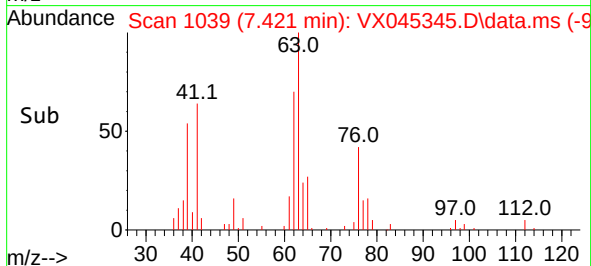
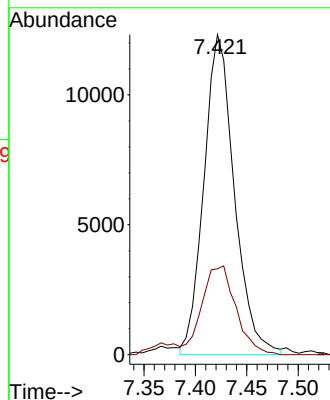
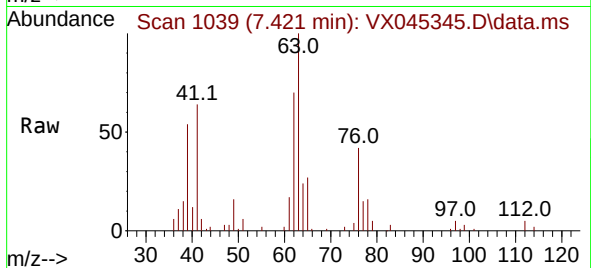
65 27.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#40

Dibromomethane

Concen: 21.621 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

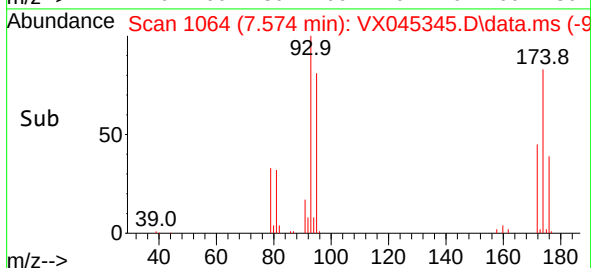
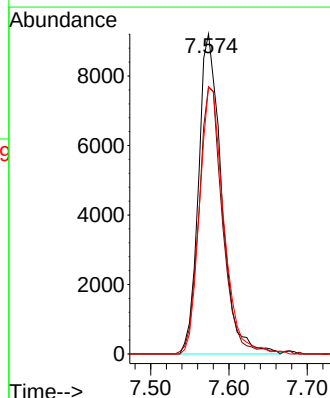
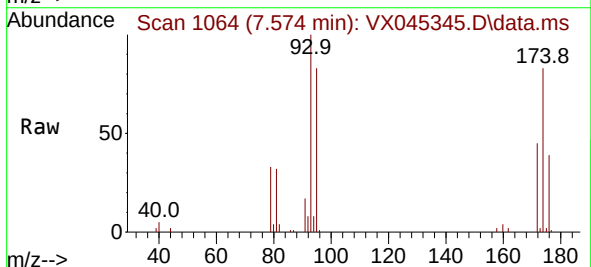
Tgt Ion: 93 Resp: 18804

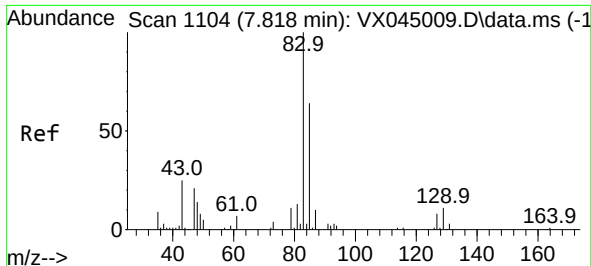
Ion Ratio Lower Upper

93 100

95 84.3 0.0 162.6

174 87.0 0.0 178.8





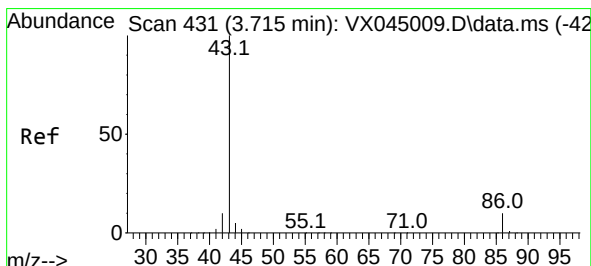
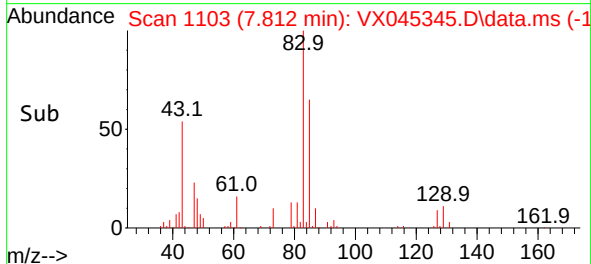
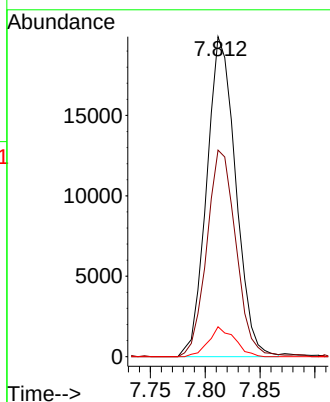
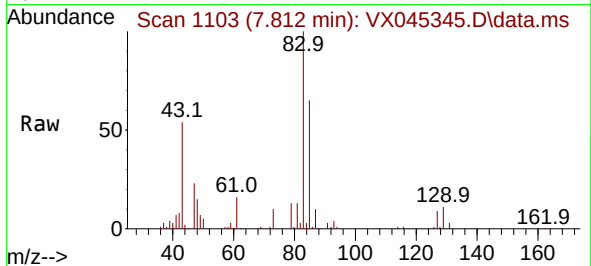
#41
Bromodichloromethane
Concen: 21.186 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3662
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 9.4 6.1 9.1

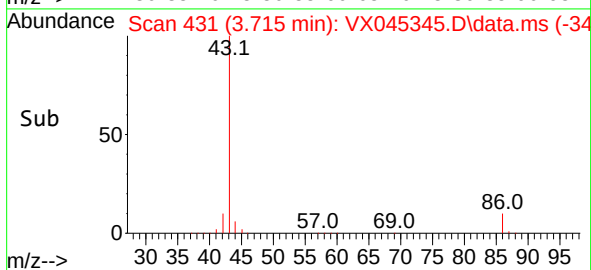
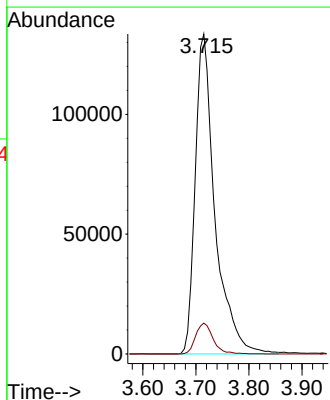
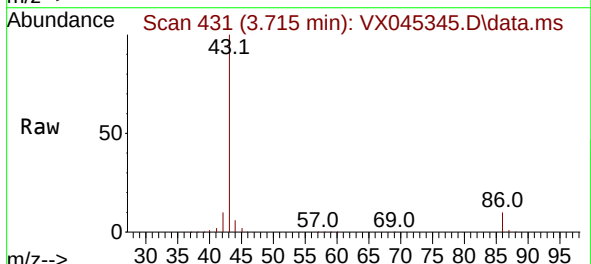
Manual Integrations
APPROVED

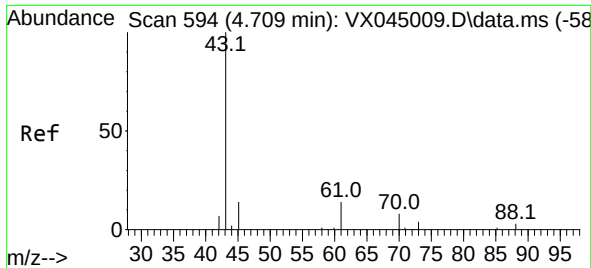
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#42
Vinyl Acetate
Concen: 99.207 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

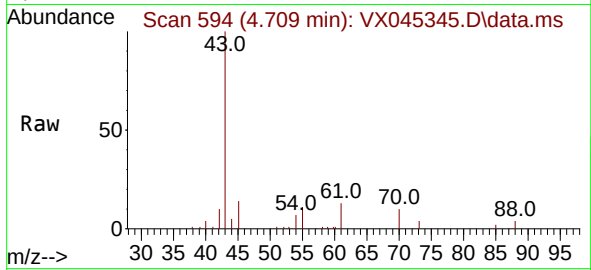
Tgt Ion: 43 Resp: 345660
Ion Ratio Lower Upper
43 100
86 8.4 7.0 10.4





#43
Ethyl Acetate
Concen: 21.514 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

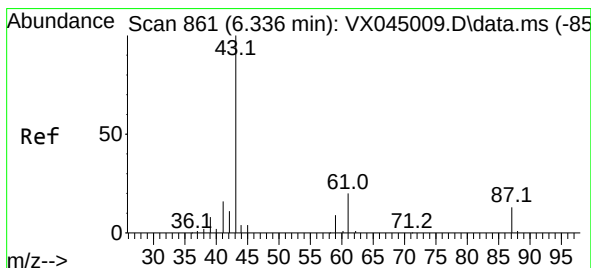
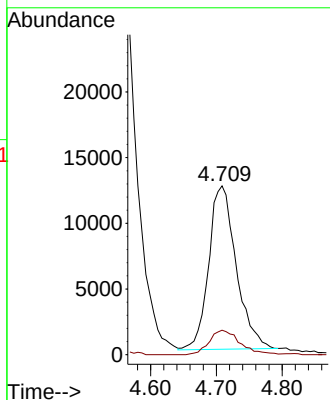
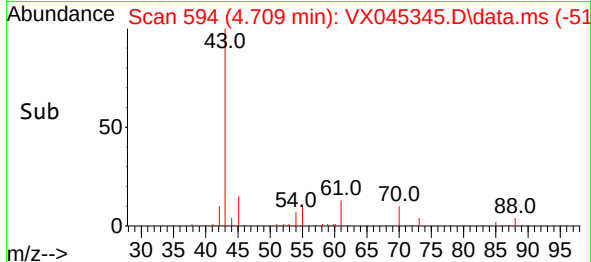
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 36220
Ion Ratio Lower Upper
43 100
45 16.7 12.7 19.1

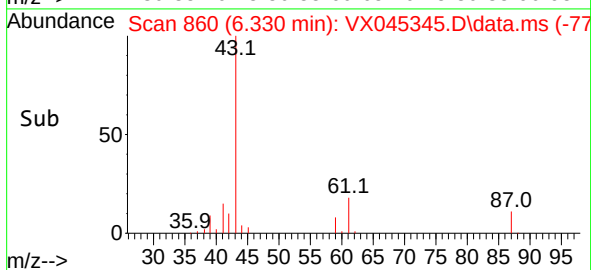
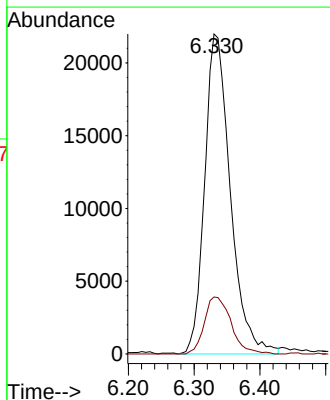
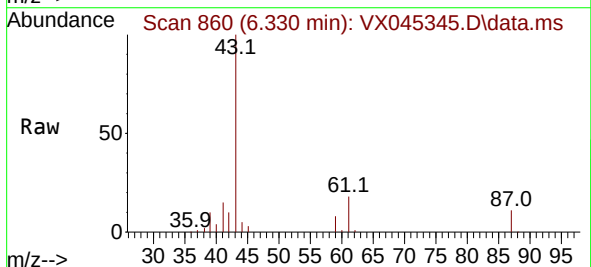
Manual Integrations
APPROVED

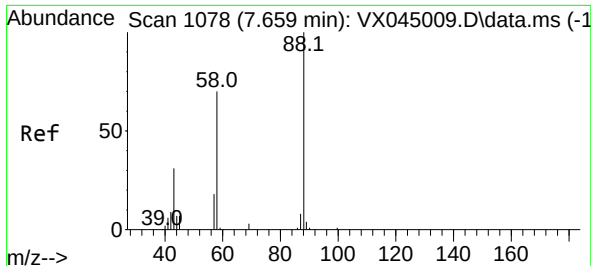
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#44
Isopropyl Acetate
Concen: 21.558 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

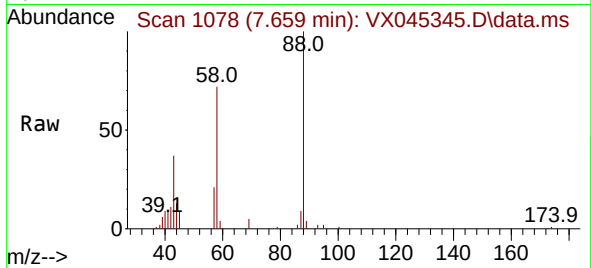
Tgt Ion: 43 Resp: 59745
Ion Ratio Lower Upper
43 100
61 18.4 15.5 23.3





#45
1,4-Dioxane
Concen: 392.792 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

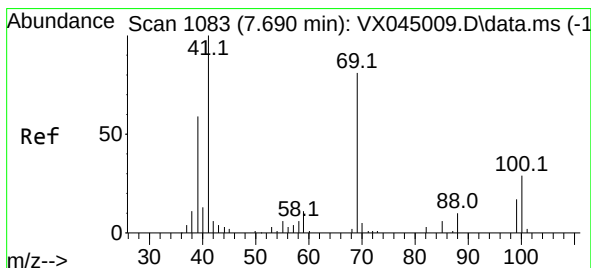
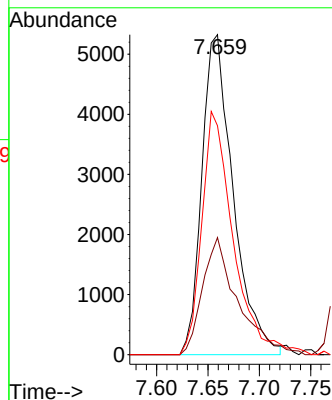
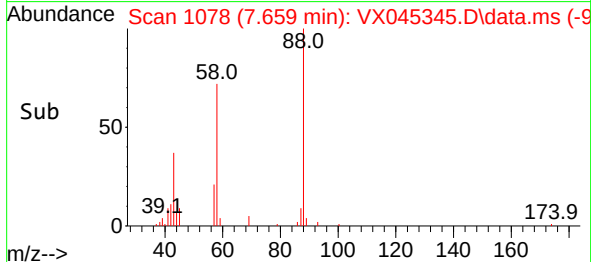
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



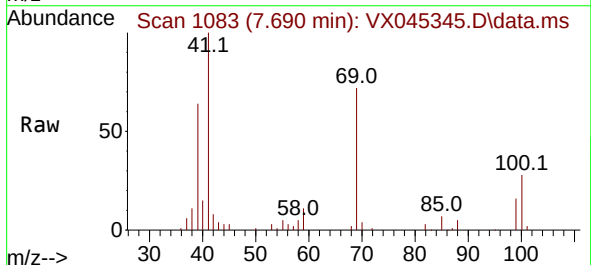
Tgt Ion: 88 Resp: 11310
Ion Ratio Lower Upper
88 100
43 41.3 29.6 44.4
58 73.8 56.2 84.4

Manual Integrations
APPROVED

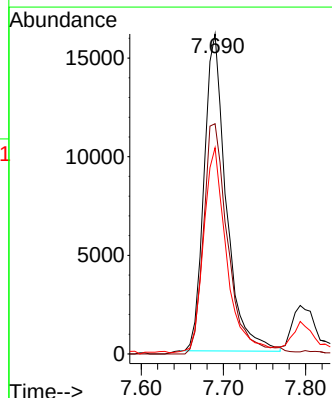
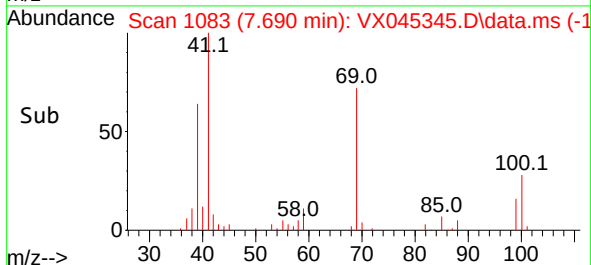
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

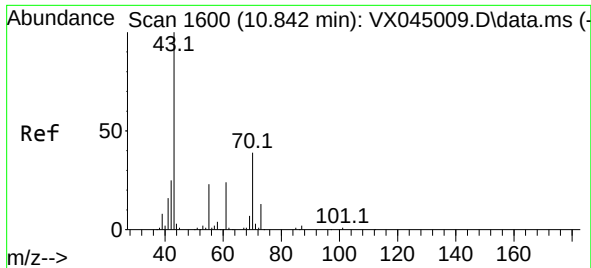


#46
Methyl methacrylate
Concen: 22.172 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



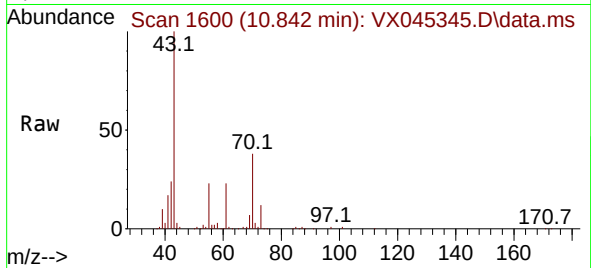
Tgt Ion: 41 Resp: 30130
Ion Ratio Lower Upper
41 100
69 72.7 40.7 122.1
39 64.3 29.5 88.5





#47
n-amy1 Acetate
Concen: 20.907 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

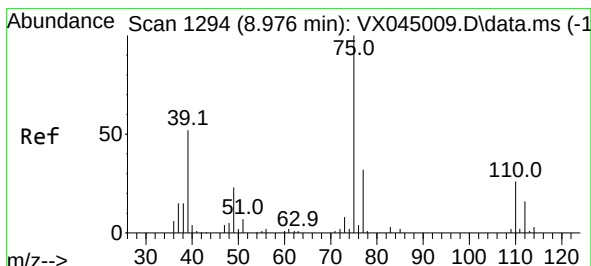
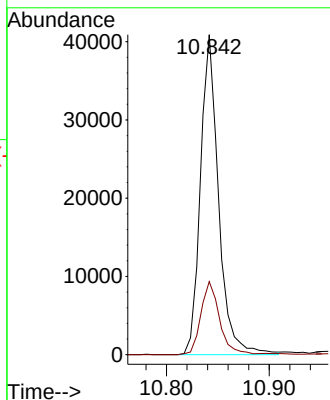
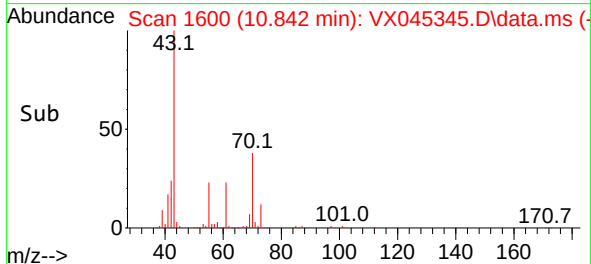
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 5027
Ion Ratio Lower Upper
43 100
55 23.4 18.6 27.8

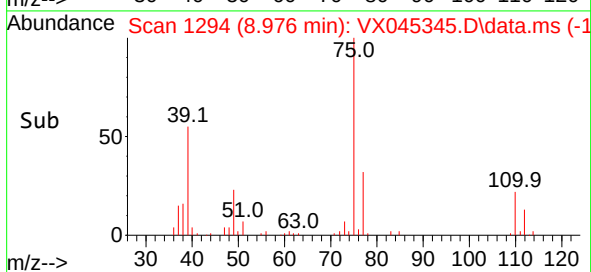
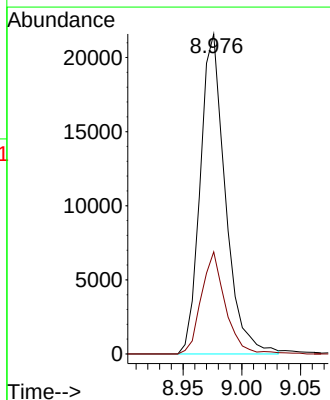
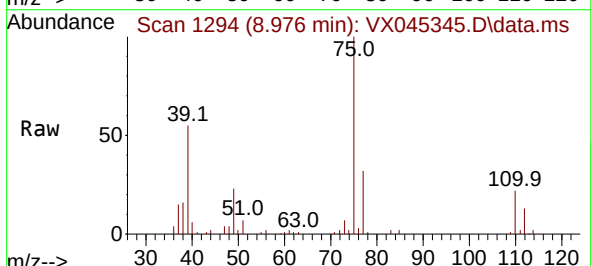
Manual Integrations
APPROVED

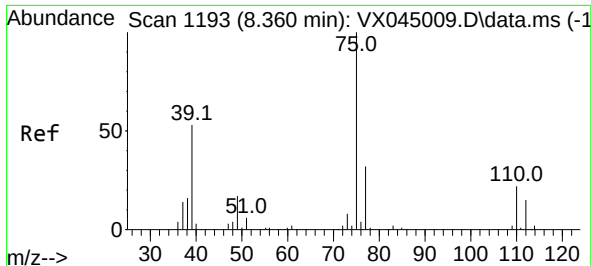
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#48
t-1,3-Dichloropropene
Concen: 19.248 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 75 Resp: 32069
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.815 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045345.D

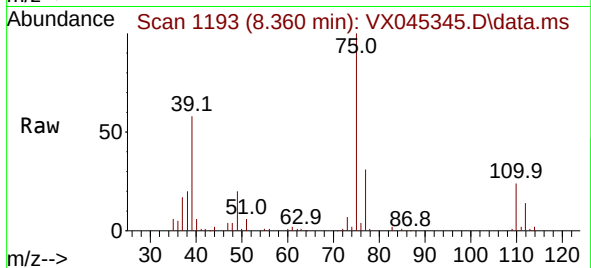
Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 37372

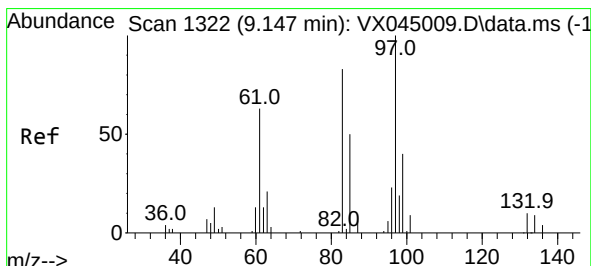
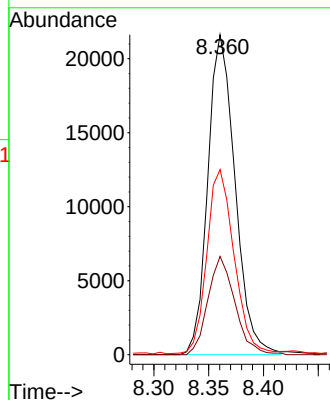
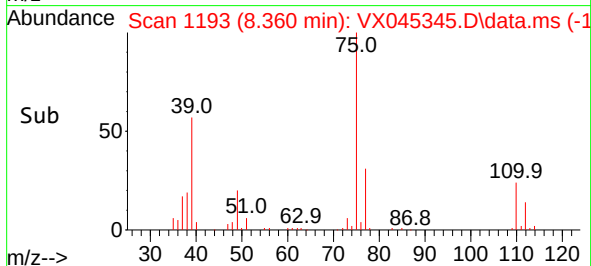
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.9	38.9
39	57.4	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#50

1,1,2-Trichloroethane

Concen: 21.690 ug/l

RT: 9.147 min Scan# 1322

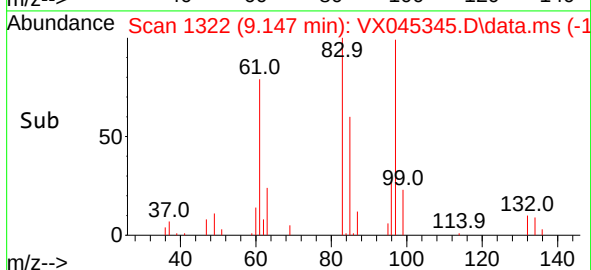
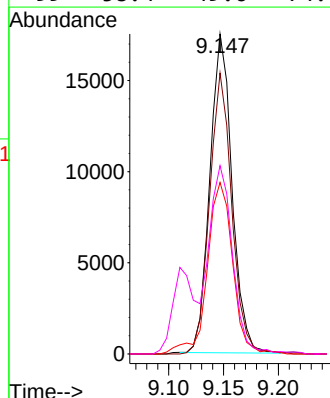
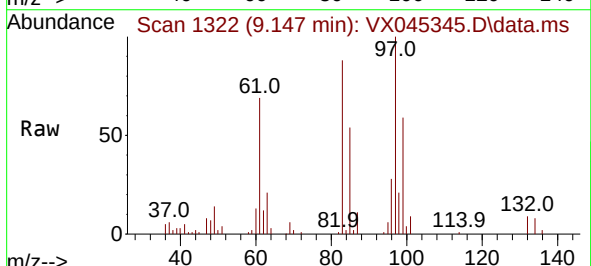
Delta R.T. -0.000 min

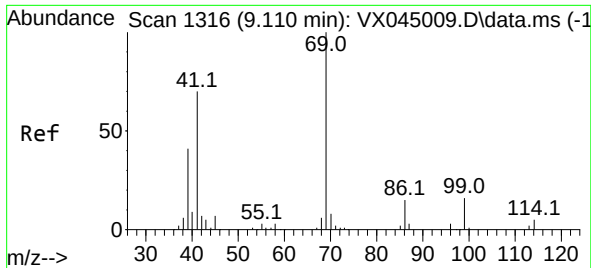
Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Tgt Ion: 97 Resp: 24606

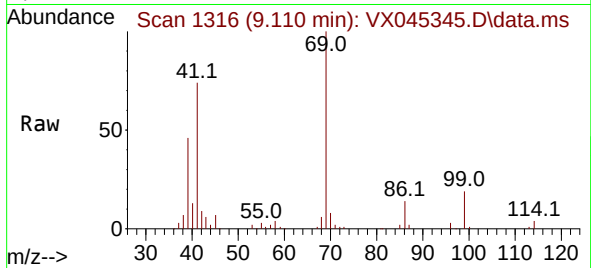
Ion	Ratio	Lower	Upper
97	100		
83	88.2	66.0	99.0
85	53.3	42.5	63.7
99	58.4	49.6	74.4





#51
Ethyl methacrylate
Concen: 20.578 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

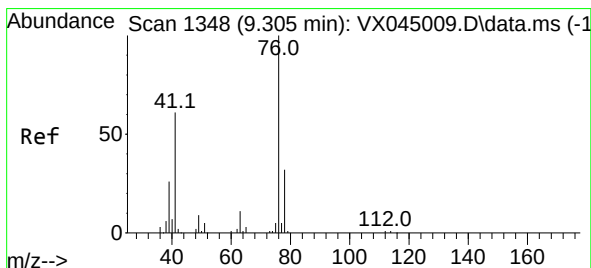
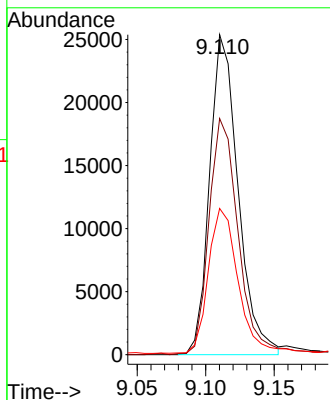
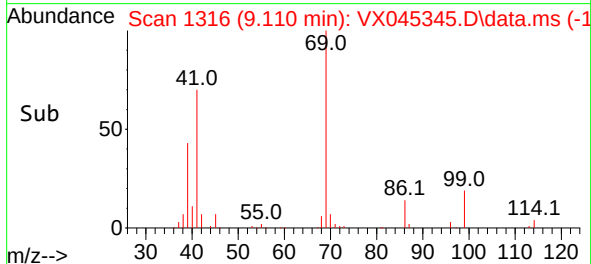
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 36714
Ion Ratio Lower Upper
69 100
41 73.4 35.1 105.3
39 45.2 20.5 61.6

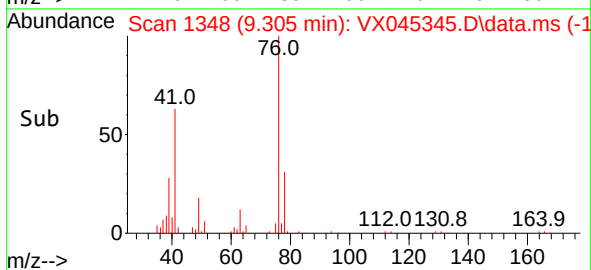
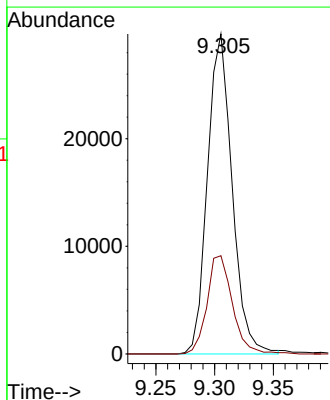
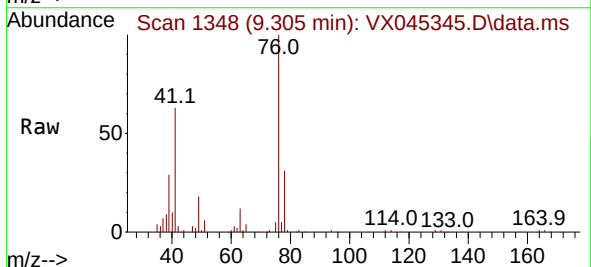
Manual Integrations
APPROVED

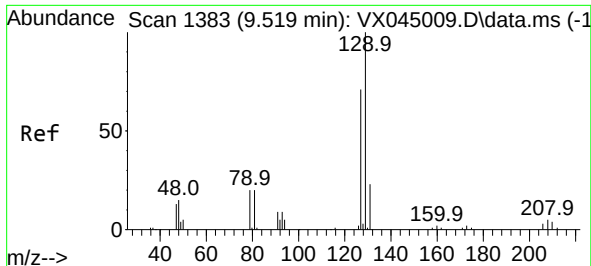
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#52
1,3-Dichloropropane
Concen: 21.828 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

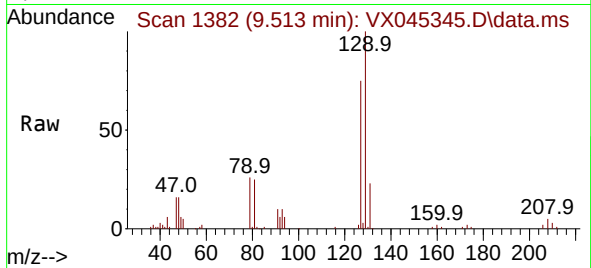
Tgt Ion: 76 Resp: 43388
Ion Ratio Lower Upper
76 100
78 31.7 0.0 63.6





#53
Dibromochloromethane
Concen: 20.940 ug/l
RT: 9.513 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

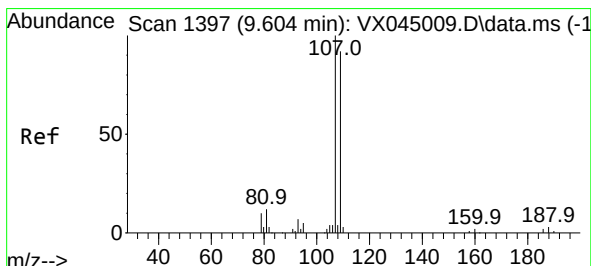
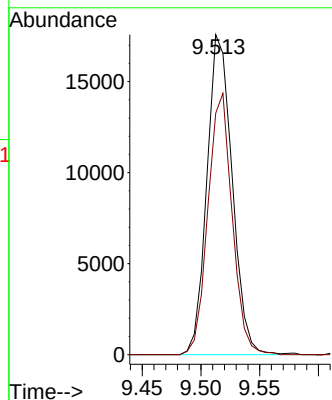
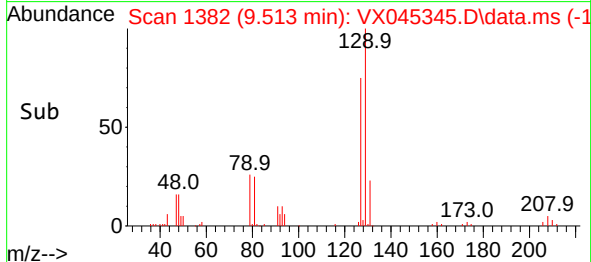
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 26272
Ion Ratio Lower Upper
129 100
127 78.4 37.3 111.9

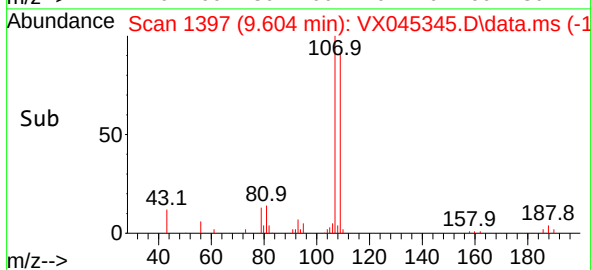
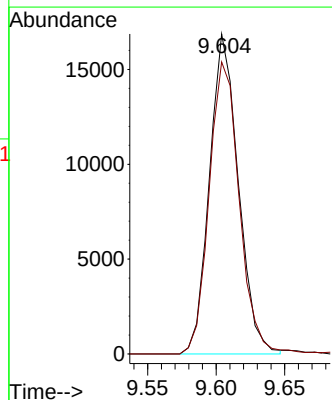
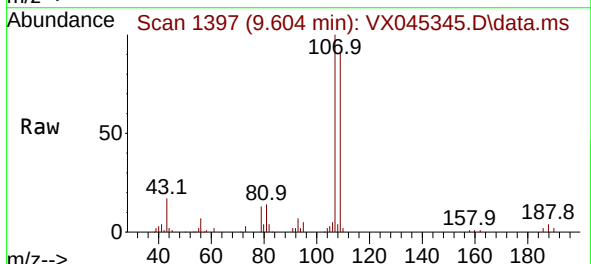
Manual Integrations
APPROVED

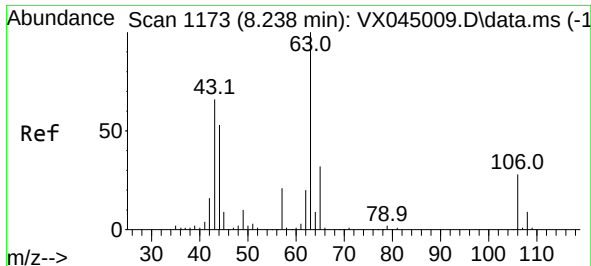
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#54
1,2-Dibromoethane
Concen: 21.440 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion:107 Resp: 24698
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8





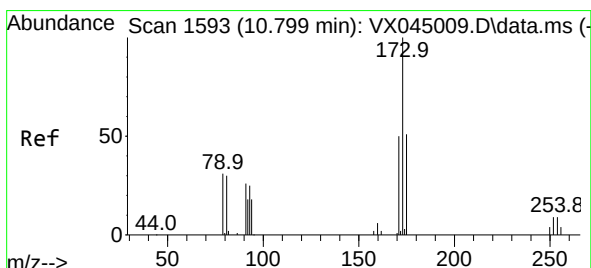
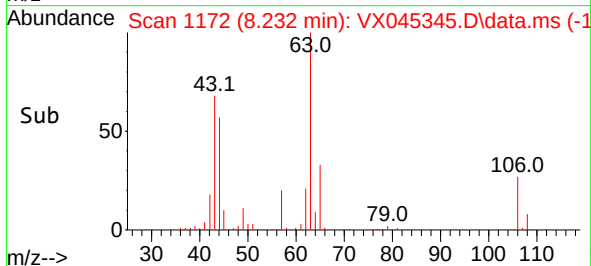
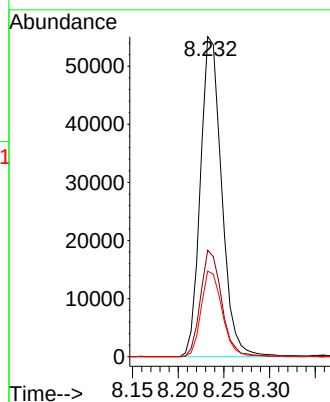
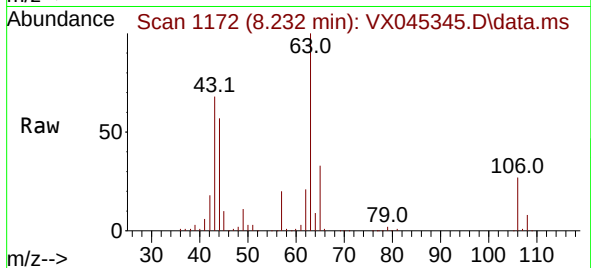
#55
2-Chloroethyl vinyl ether
Concen: 97.390 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 89229
Ion Ratio Lower Upper
63 100
65 32.9 26.2 39.2
106 26.6 21.2 31.8

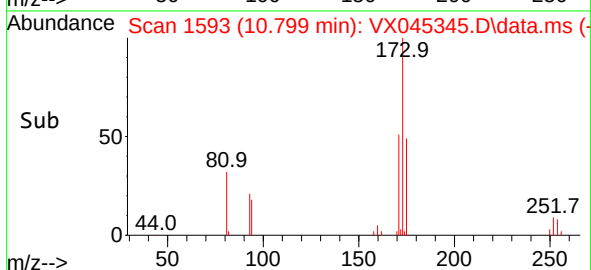
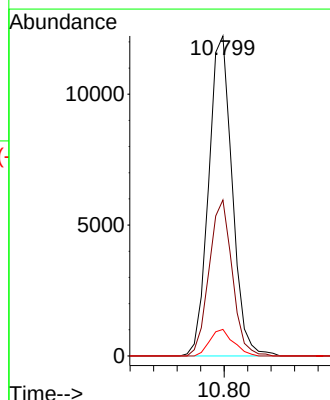
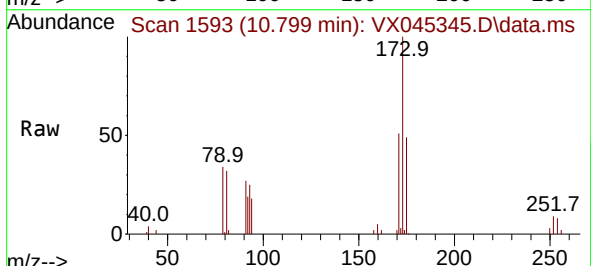
Manual Integrations
APPROVED

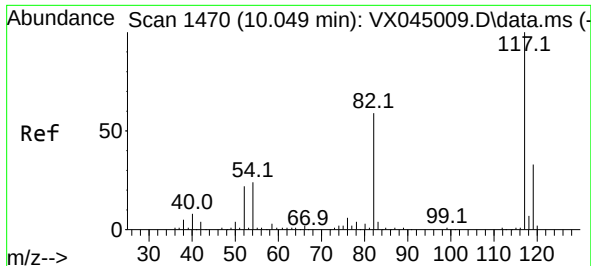
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#56
Bromoform
Concen: 21.660 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion:173 Resp: 17029
Ion Ratio Lower Upper
173 100
175 47.9 39.6 59.4
254 8.3 6.3 9.5





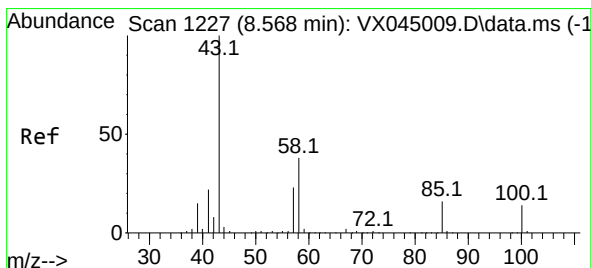
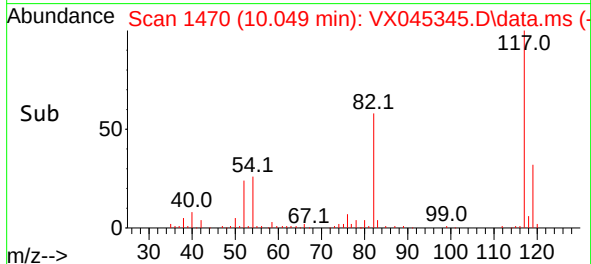
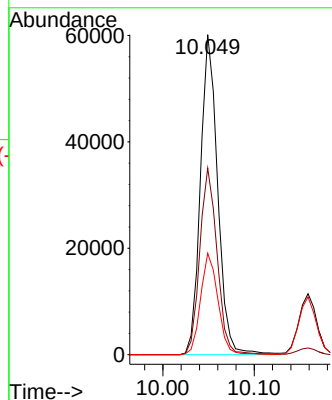
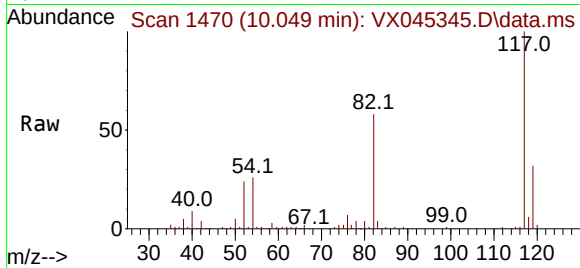
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 78810
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.8
119 31.7 25.5 38.3

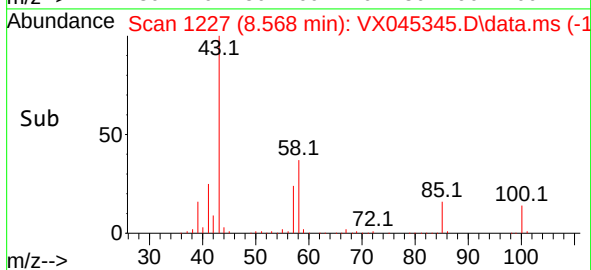
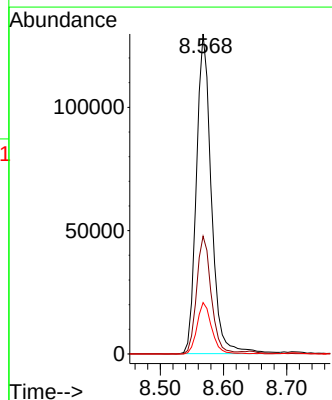
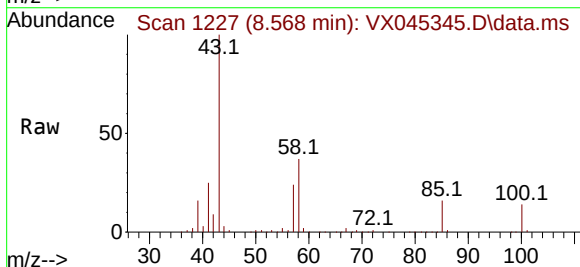
Manual Integrations
APPROVED

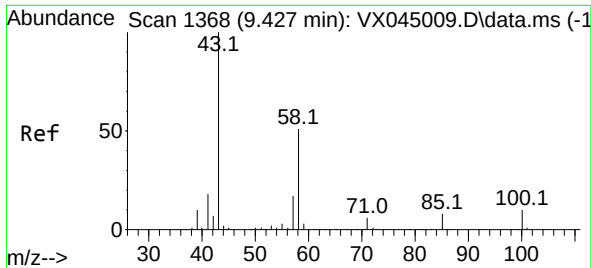
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#58
4-Methyl-2-Pentanone
Concen: 119.358 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

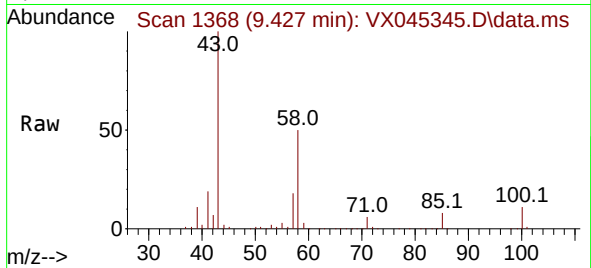
Tgt Ion: 43 Resp: 213980
Ion Ratio Lower Upper
43 100
58 36.0 29.5 44.3
85 15.6 12.9 19.3





#59
2-Hexanone
Concen: 122.112 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

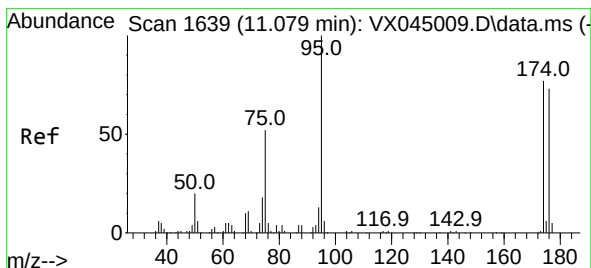
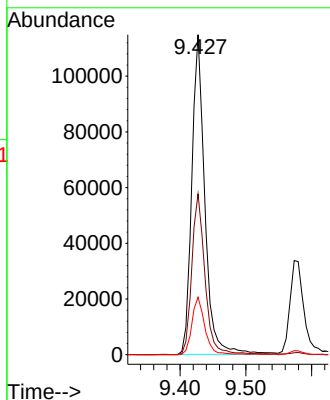
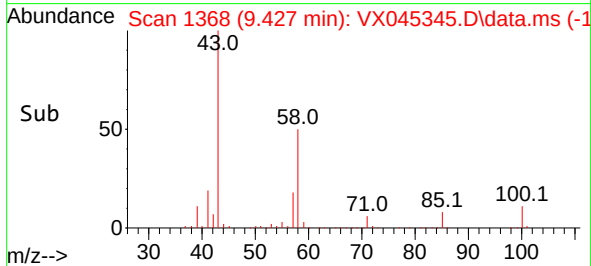
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 158230
Ion Ratio Lower Upper
43 100
58 50.2 41.6 62.4
57 17.6 13.8 20.6

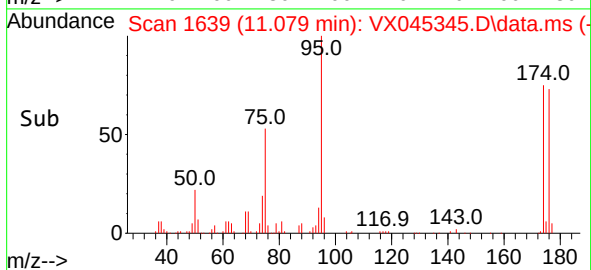
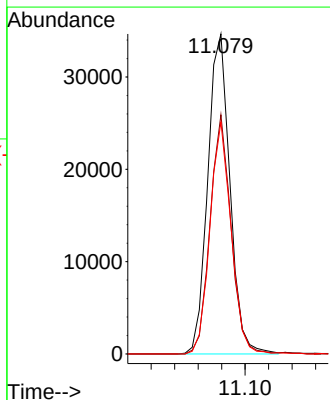
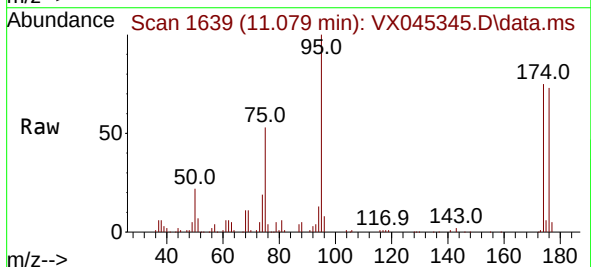
Manual Integrations
APPROVED

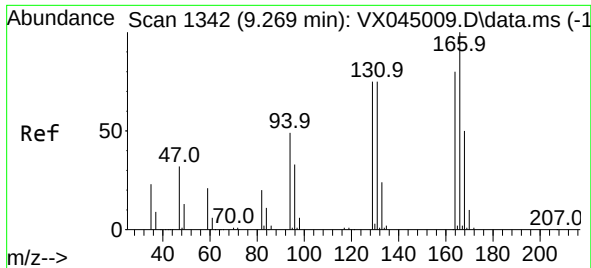
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#60
4-Bromofluorobenzene
Concen: 30.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

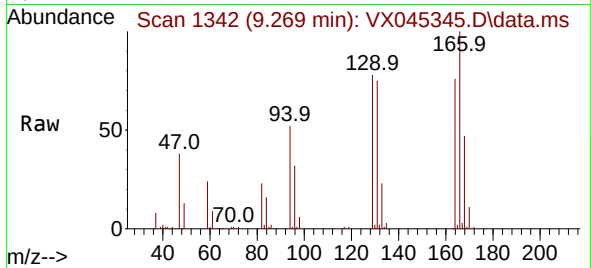
Tgt Ion: 95 Resp: 45387
Ion Ratio Lower Upper
95 100
174 70.6 59.5 89.3
176 68.9 55.5 83.3





#61
Tetrachloroethene
Concen: 20.668 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

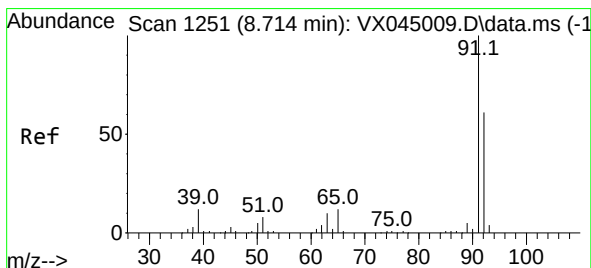
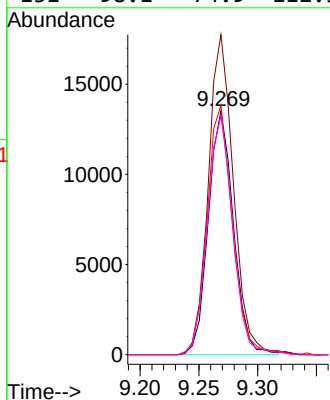
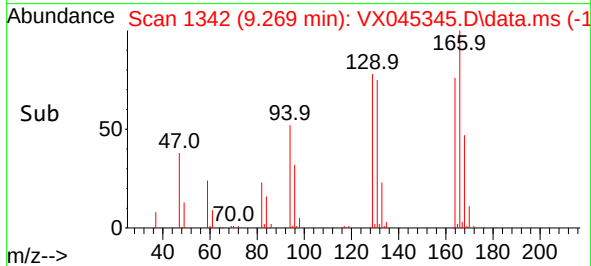
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 2005
Ion Ratio Lower Upper
164 100
166 131.4 100.3 150.5
129 102.4 75.5 113.3
131 98.1 74.9 112.3

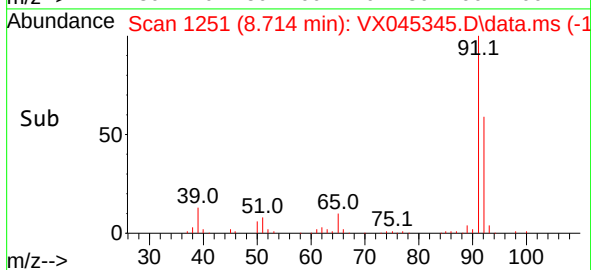
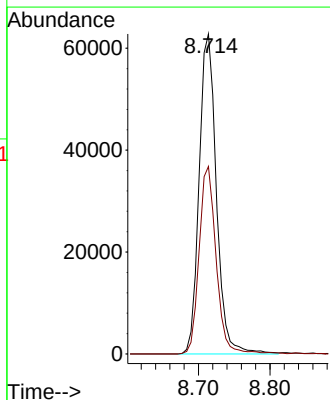
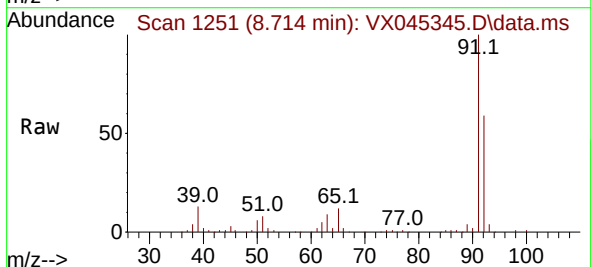
Manual Integrations
APPROVED

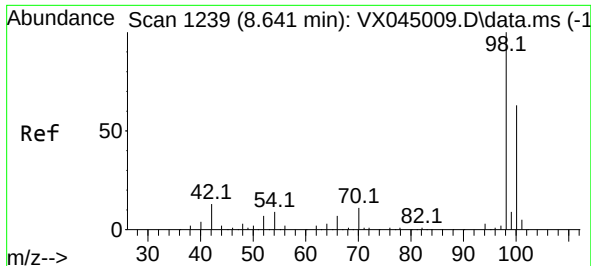
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#62
Toluene
Concen: 20.193 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

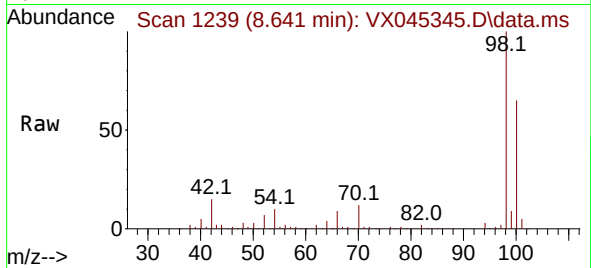
Tgt Ion: 91 Resp: 105422
Ion Ratio Lower Upper
91 100
92 57.5 46.9 70.3





#63
Toluene-d8
Concen: 29.916 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

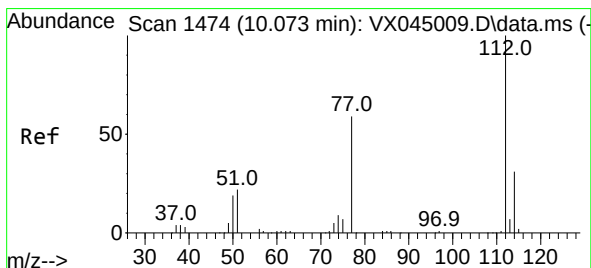
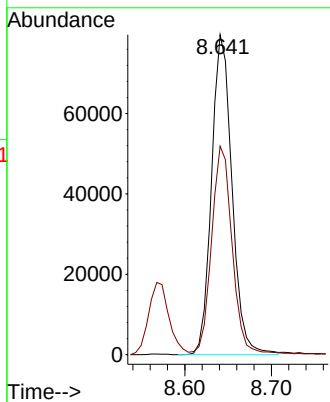
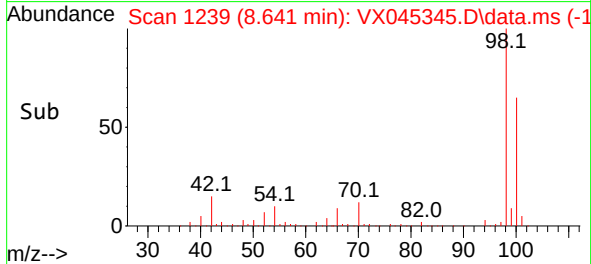
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 130430
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5

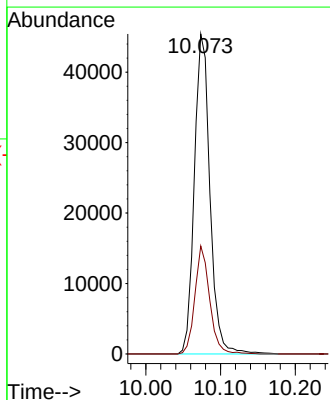
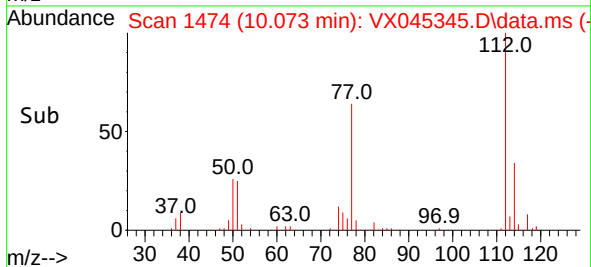
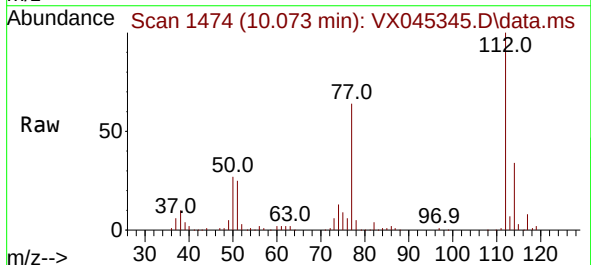
Manual Integrations
APPROVED

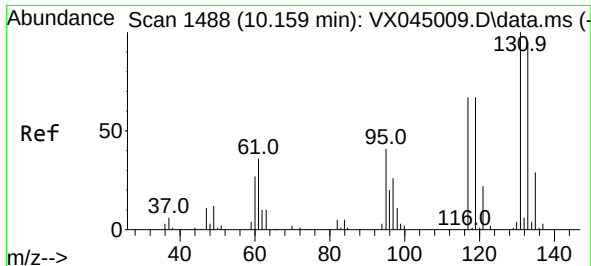
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#64
Chlorobenzene
Concen: 20.343 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

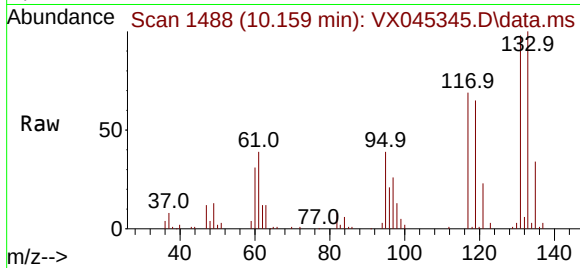
Tgt Ion:112 Resp: 65812
Ion Ratio Lower Upper
112 100
114 33.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.508 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

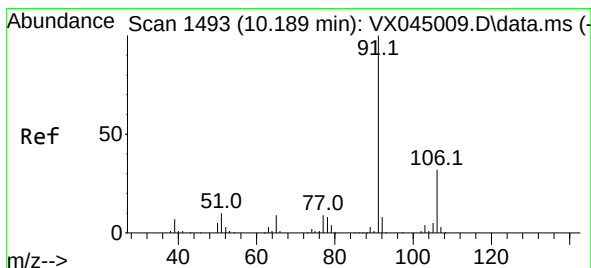
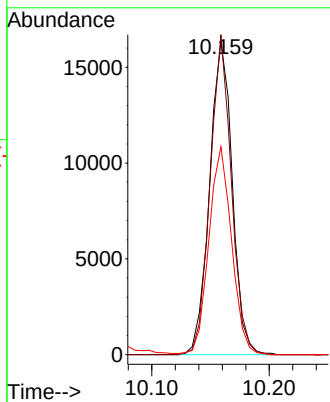
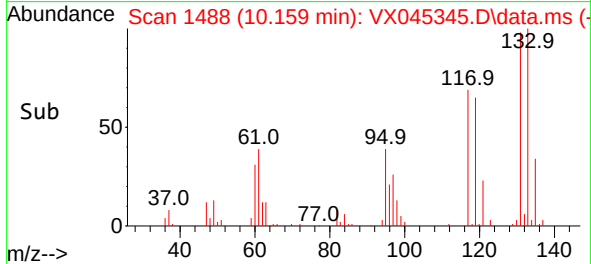
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 21892
Ion Ratio Lower Upper
131 100
133 96.0 0.0 187.8
119 66.6 0.0 133.0

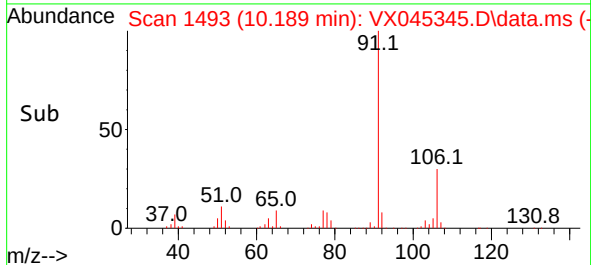
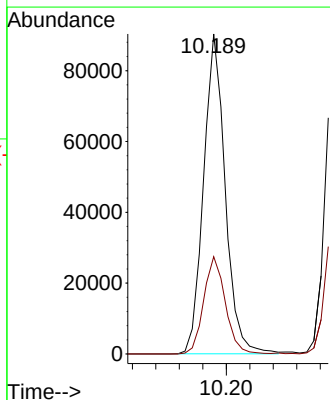
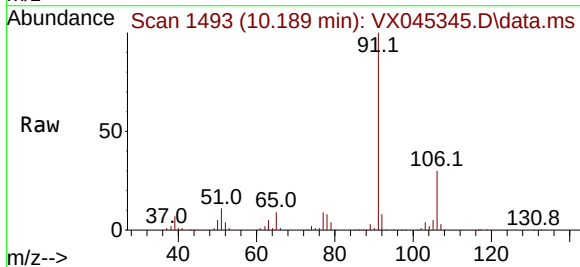
Manual Integrations
APPROVED

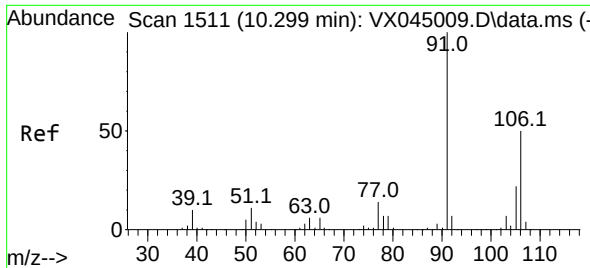
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#66
Ethyl Benzene
Concen: 20.171 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 91 Resp: 115293
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2





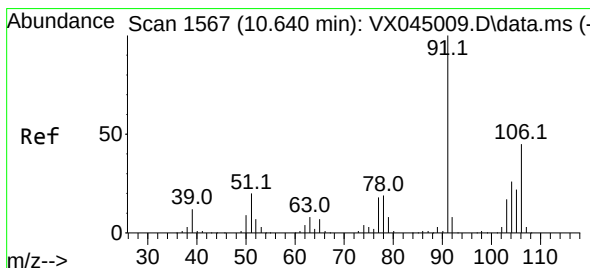
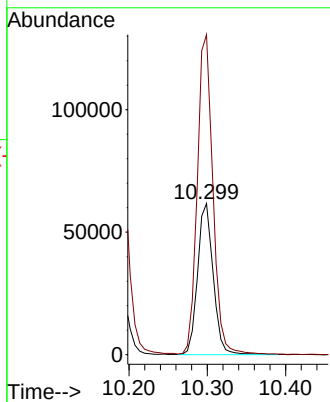
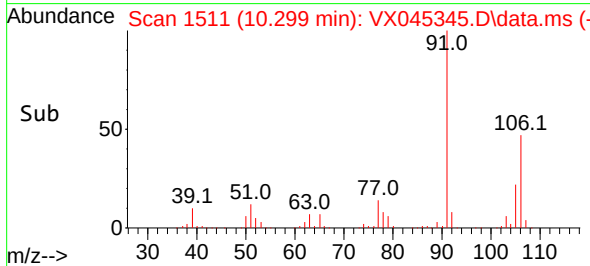
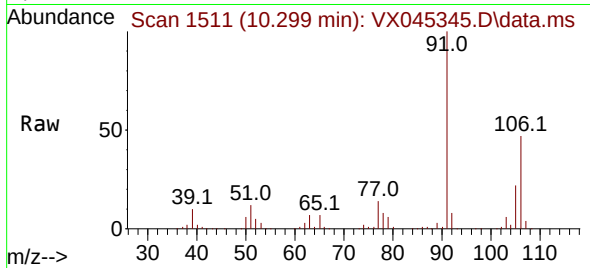
#67
m/p-Xylenes
Concen: 40.203 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 85614
Ion Ratio Lower Upper
106 100
91 210.6 163.7 245.5

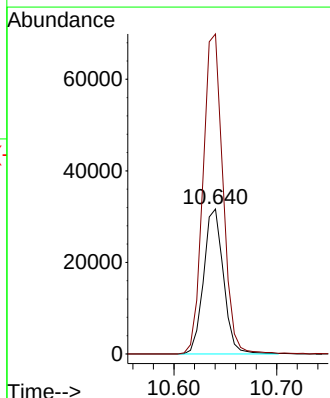
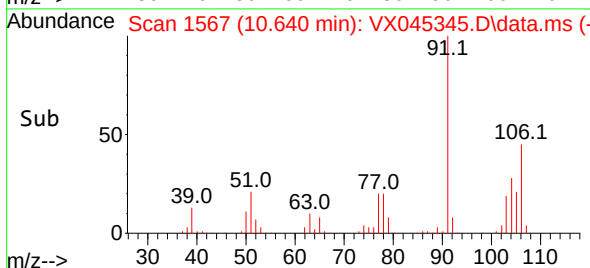
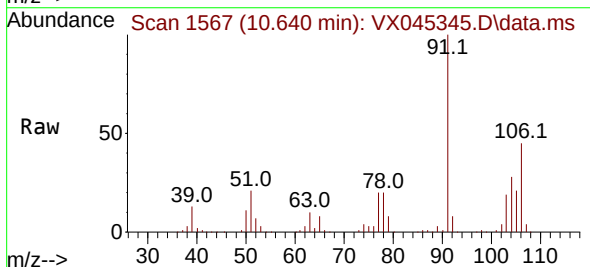
Manual Integrations
APPROVED

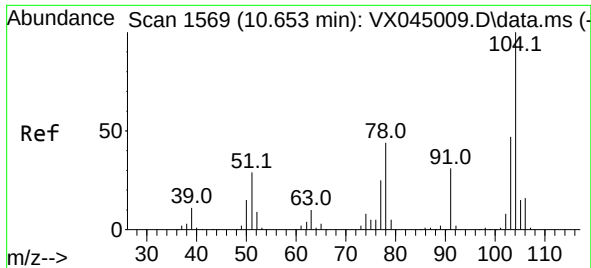
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#68
o-Xylene
Concen: 20.347 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

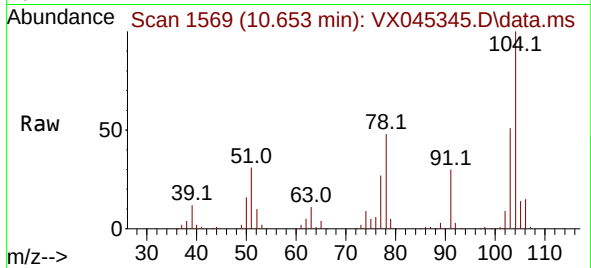
Tgt Ion:106 Resp: 42514
Ion Ratio Lower Upper
106 100
91 221.9 109.7 329.1





#69
Styrene
Concen: 20.405 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

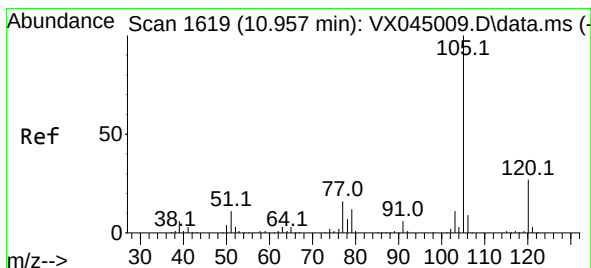
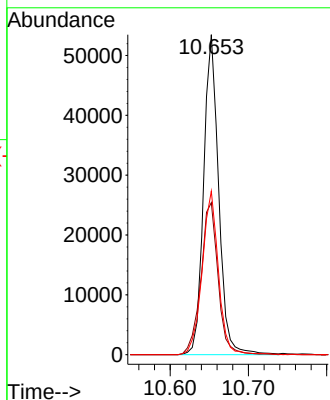
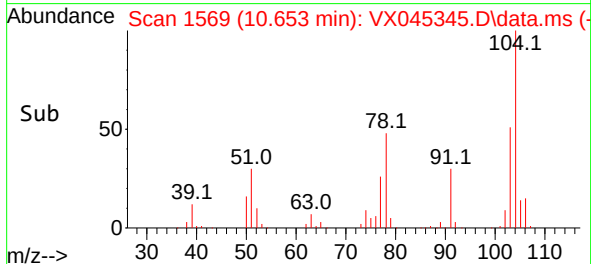
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



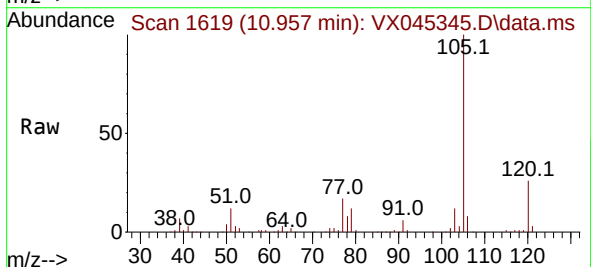
Tgt Ion:104 Resp: 7120
Ion Ratio Lower Upper
104 100
78 54.2 41.4 62.0
103 55.1 43.0 64.4

Manual Integrations
APPROVED

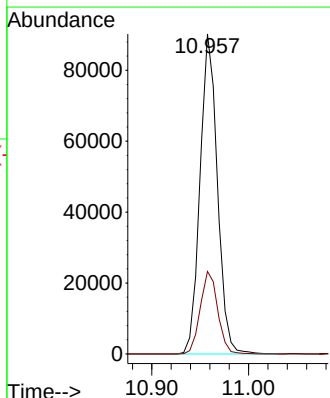
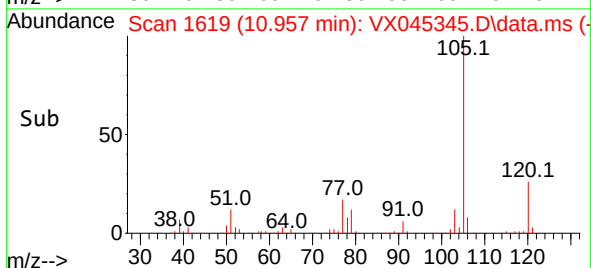
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

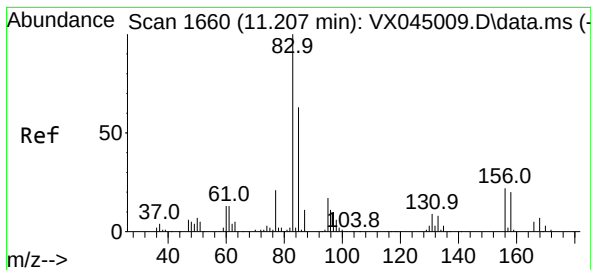


#70
Isopropylbenzene
Concen: 20.932 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



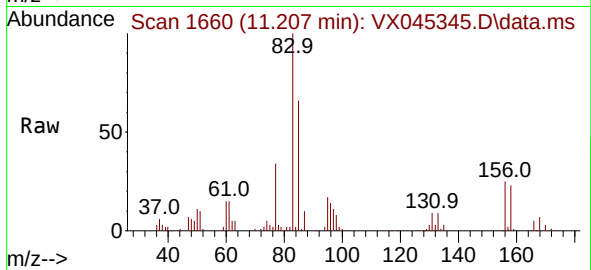
Tgt Ion:105 Resp: 112864
Ion Ratio Lower Upper
105 100
120 25.9 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 22.445 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

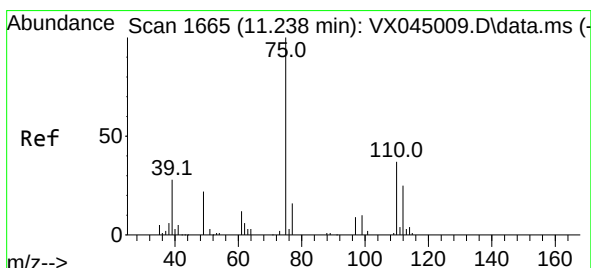
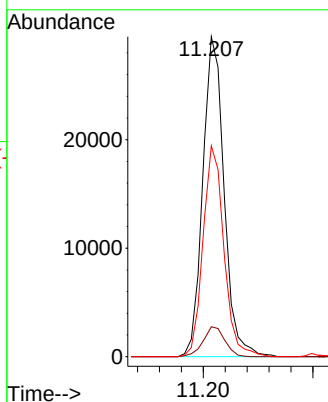
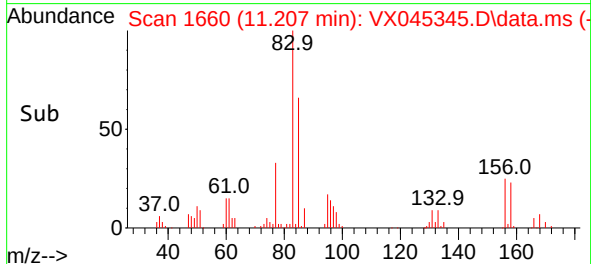
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



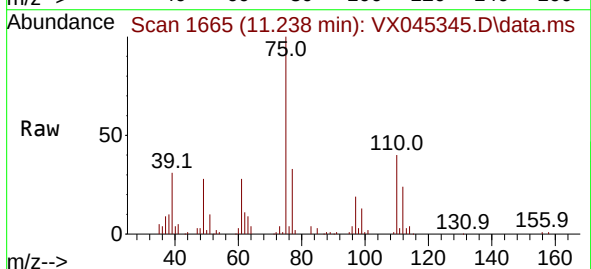
Tgt Ion: 83 Resp: 39790
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 64.4 32.3 96.8

Manual Integrations
APPROVED

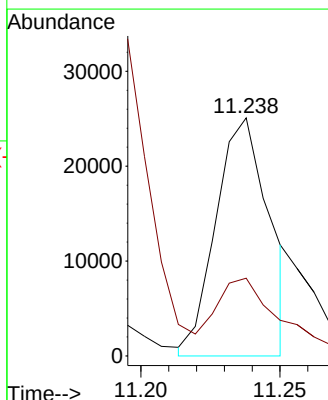
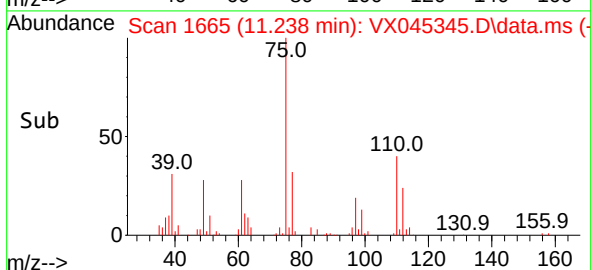
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

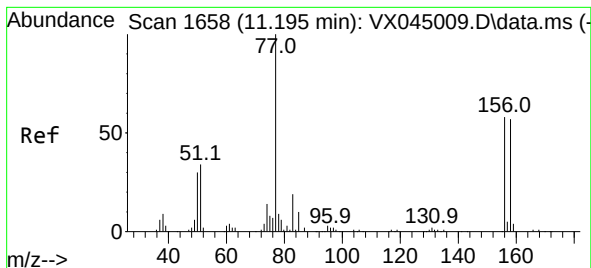


#72
1,2,3-Trichloropropane
Concen: 22.889 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



Tgt Ion: 75 Resp: 33380
Ion Ratio Lower Upper
75 100
77 39.7 0.0 84.0





#73

Bromobenzene

Concen: 20.860 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

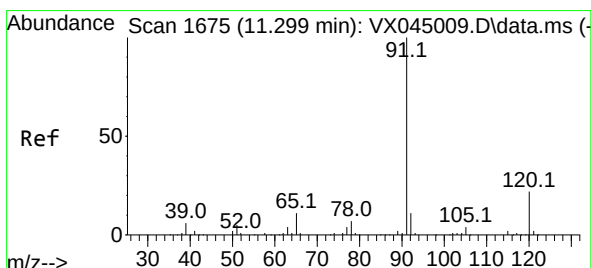
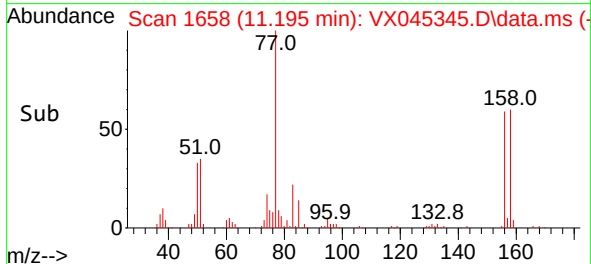
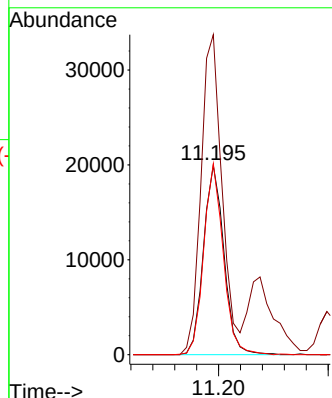
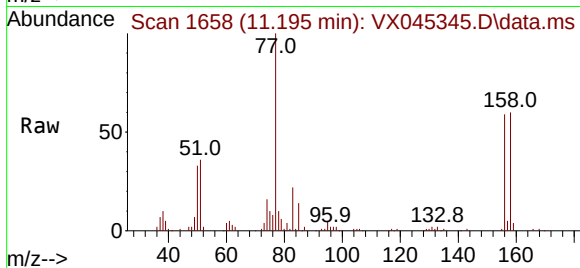
Tgt Ion:	156	Resp:	2589
Ion Ratio	Lower	Upper	
156	100		
77	173.4	0.0	347.2
158	96.5	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#74

n-propylbenzene

Concen: 20.688 ug/l

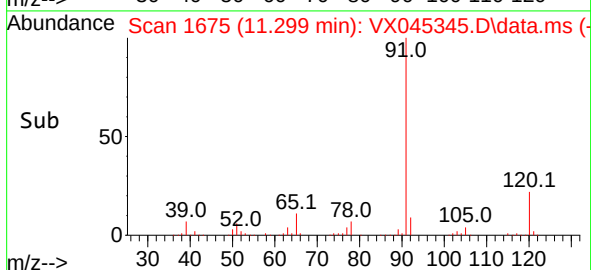
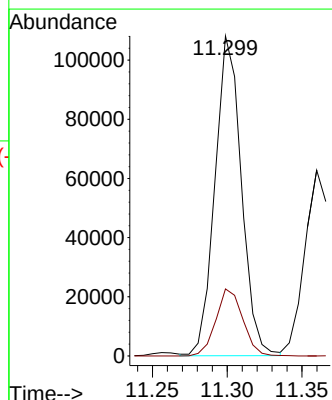
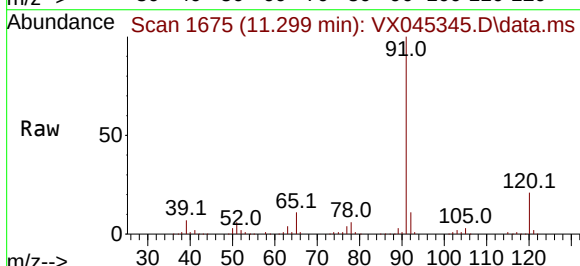
RT: 11.299 min Scan# 1675

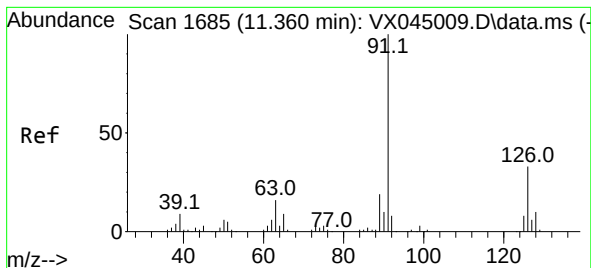
Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Tgt Ion:	91	Resp:	132747
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	44.2





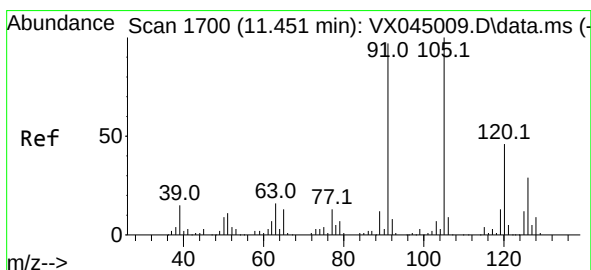
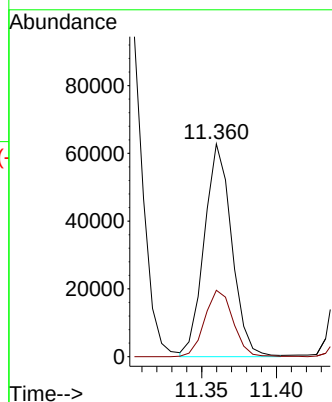
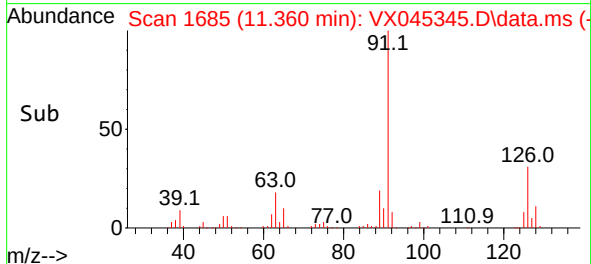
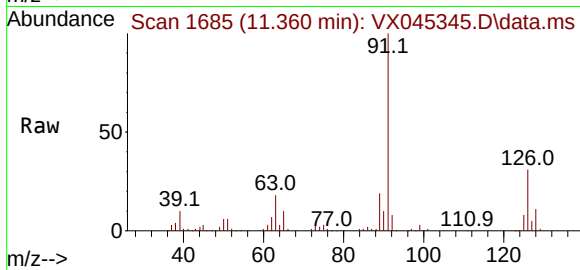
#75
2-Chlorotoluene
Concen: 20.733 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 80420
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.4

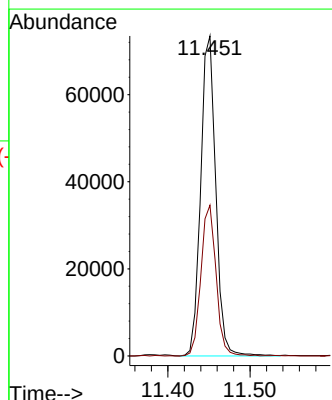
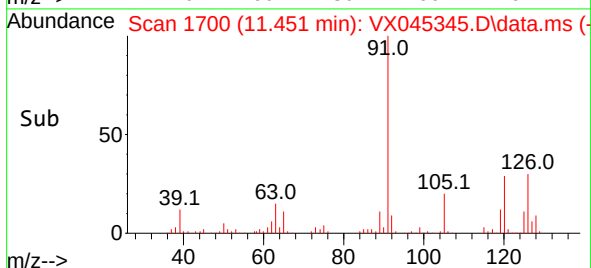
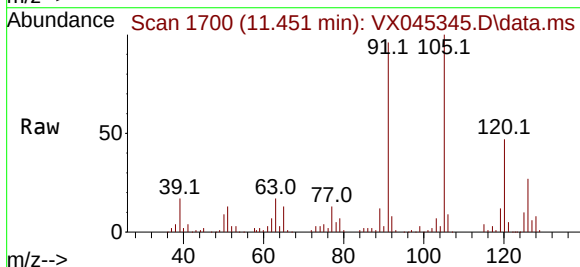
Manual Integrations
APPROVED

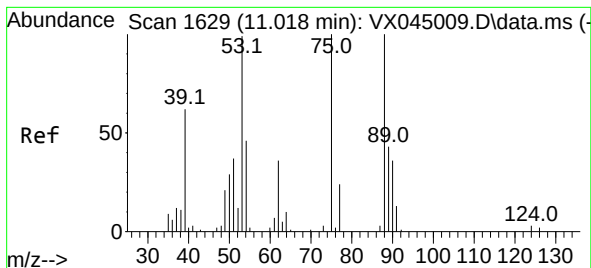
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.059 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

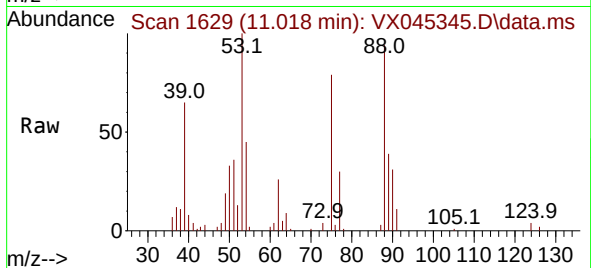
Tgt Ion:105 Resp: 93676
Ion Ratio Lower Upper
105 100
120 47.3 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.787 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

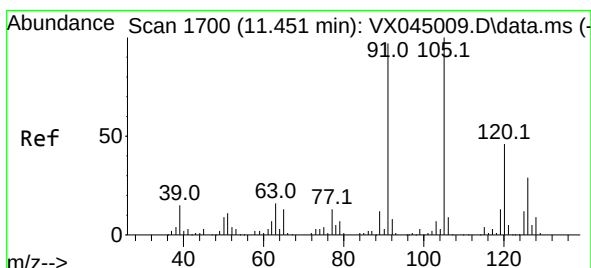
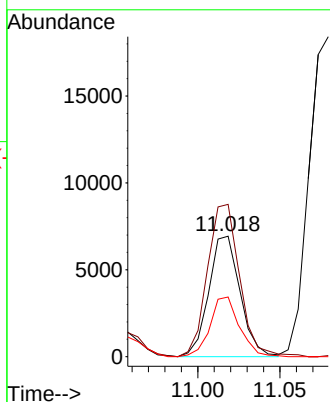
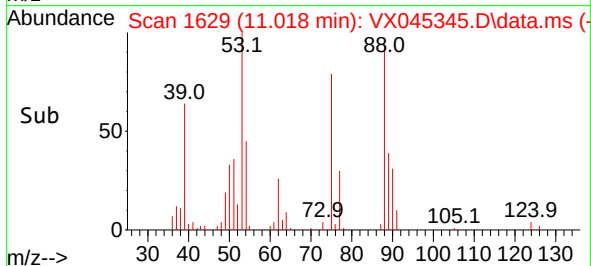
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 9218
Ion Ratio Lower Upper
75 100
53 126.4 49.8 149.4
89 49.5 21.4 64.2

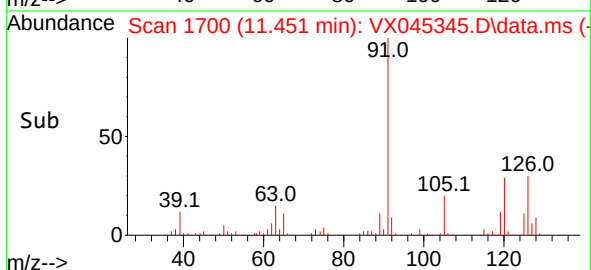
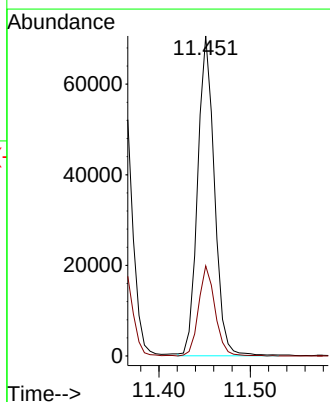
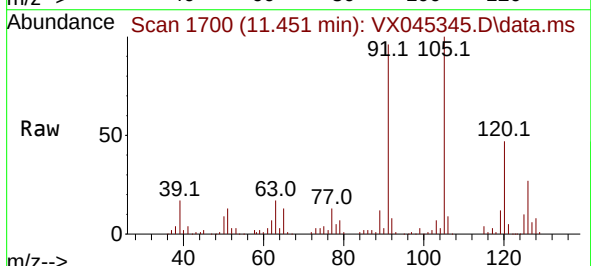
Manual Integrations
APPROVED

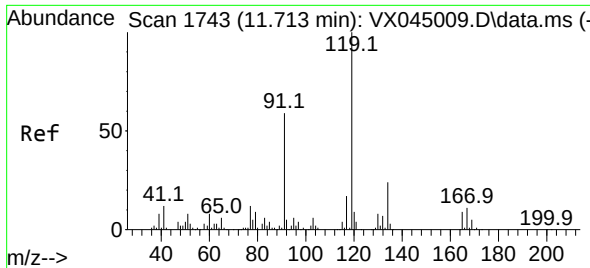
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#78
4-Chlorotoluene
Concen: 20.823 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

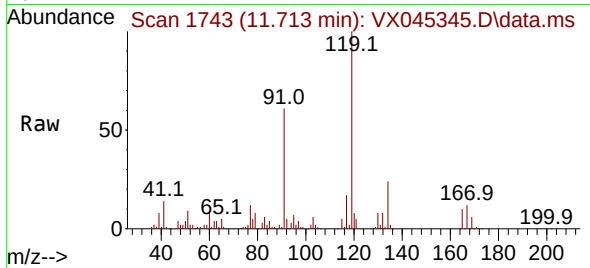
Tgt Ion: 91 Resp: 90045
Ion Ratio Lower Upper
91 100
126 27.5 0.0 58.0





#79
tert-butylbenzene
Concen: 20.977 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

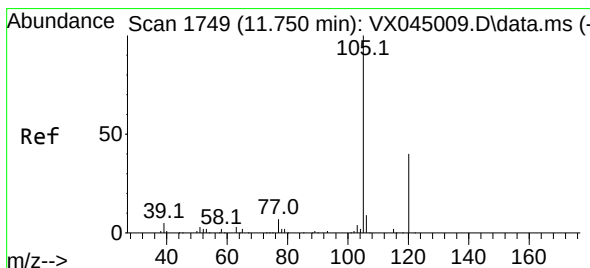
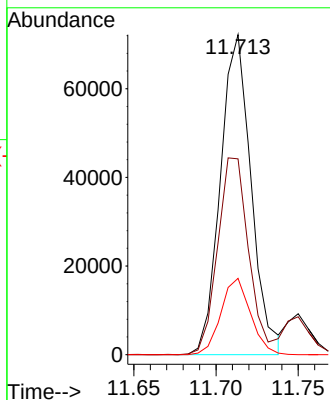
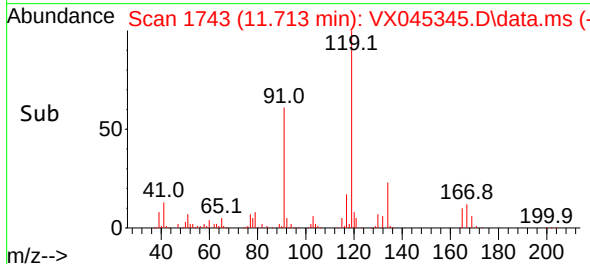
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



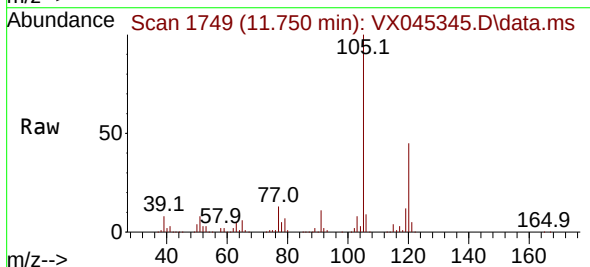
Tgt Ion:119 Resp: 94018
Ion Ratio Lower Upper
119 100
91 61.6 0.0 120.6
134 23.0 0.0 48.2

Manual Integrations
APPROVED

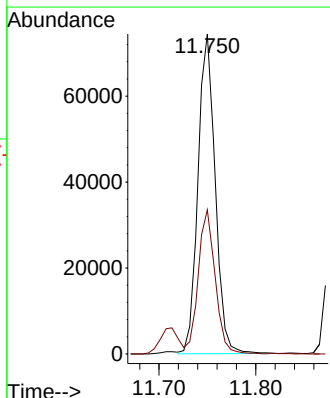
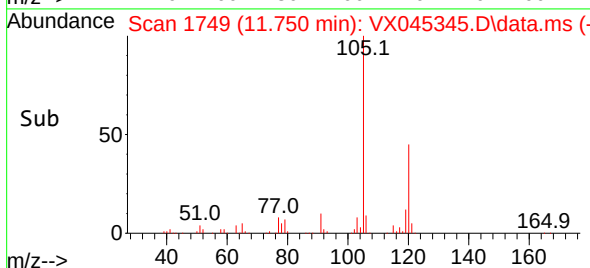
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

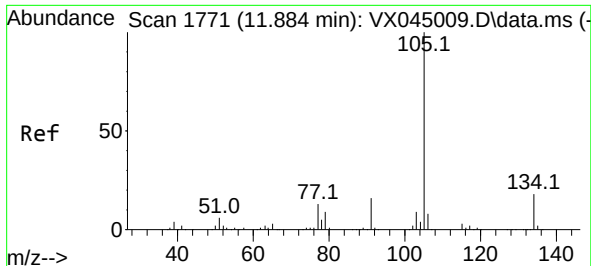


#80
1,2,4-Trimethylbenzene
Concen: 20.712 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



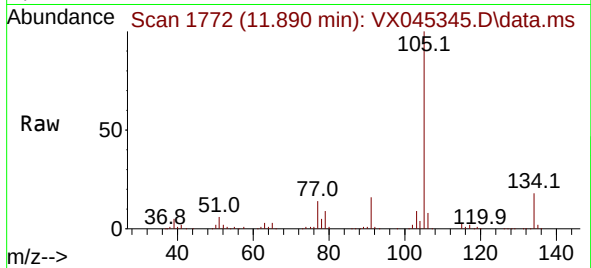
Tgt Ion:105 Resp: 92291
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 20.897 ug/l
 RT: 11.890 min Scan# 11754
 Delta R.T. 0.006 min
 Lab File: VX045345.D
 Acq: 19 Mar 2025 14:56

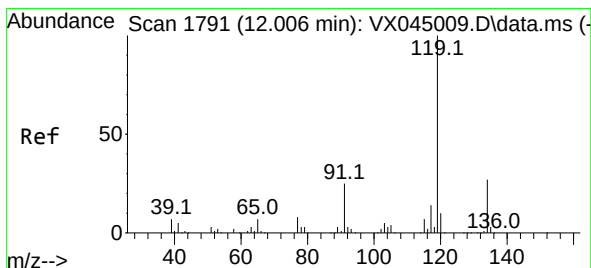
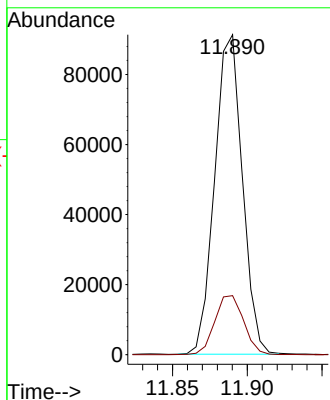
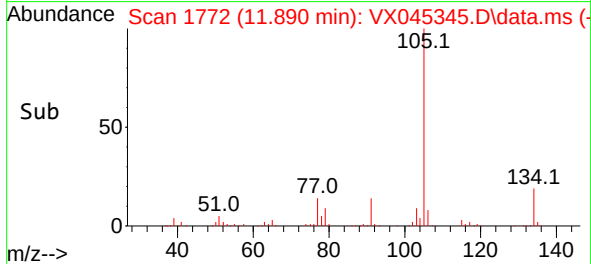
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



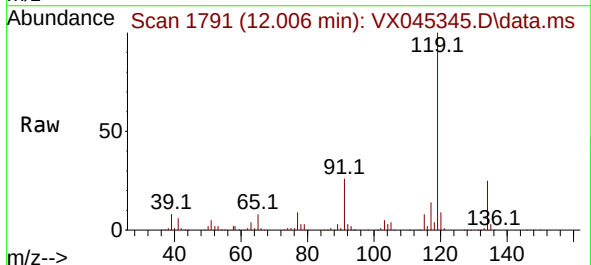
Tgt Ion:105 Resp: 11754
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0

Manual Integrations
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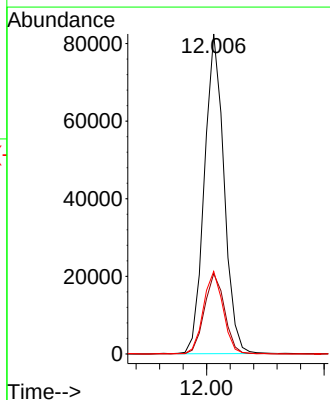
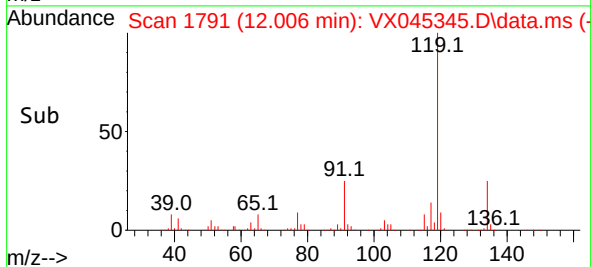
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025

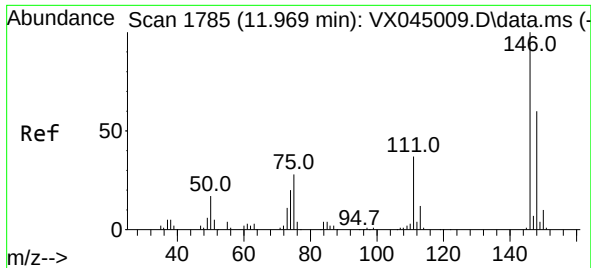


#82
 p-Isopropyltoluene
 Concen: 20.946 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045345.D
 Acq: 19 Mar 2025 14:56



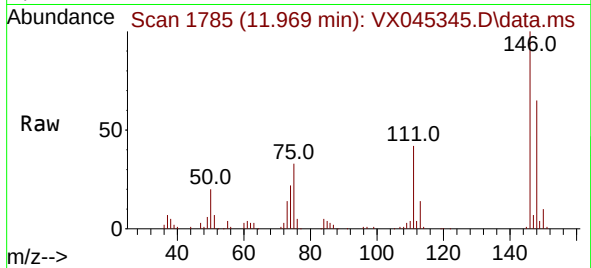
Tgt Ion:119 Resp: 95463
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 25.7 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.463 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

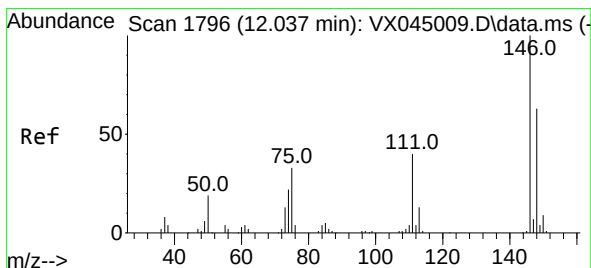
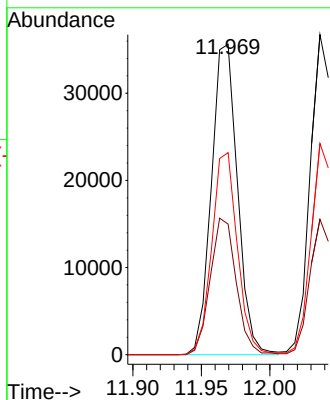
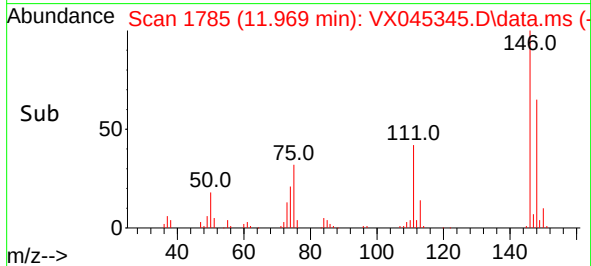
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 47259
Ion Ratio Lower Upper
146 100
111 43.7 20.2 60.5
148 64.0 31.2 93.6

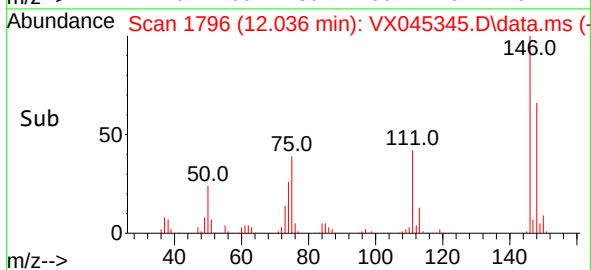
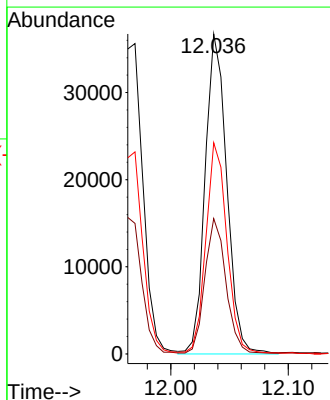
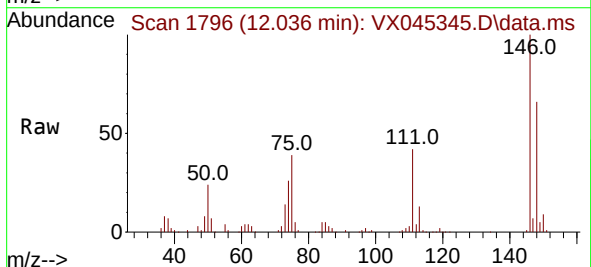
Manual Integrations
APPROVED

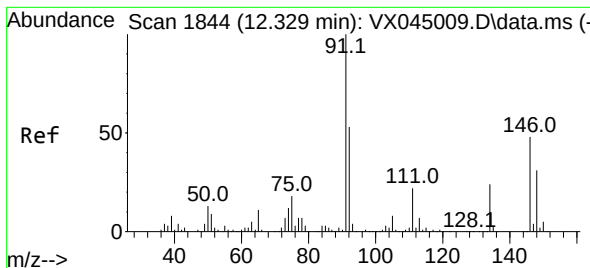
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#84
1,4-Dichlorobenzene
Concen: 20.653 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

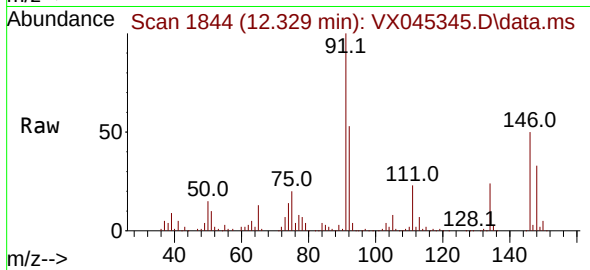
Tgt Ion:146 Resp: 47029
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.2
148 64.7 31.8 95.4





#85
n-Butylbenzene
Concen: 20.617 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

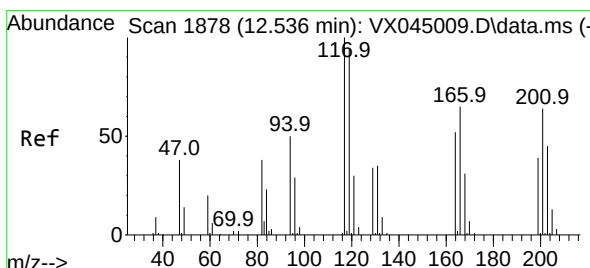
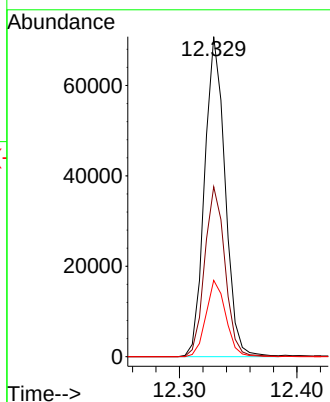
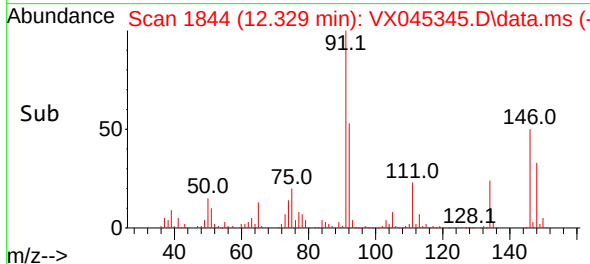
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 85808
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.2
134 23.1 0.0 49.4

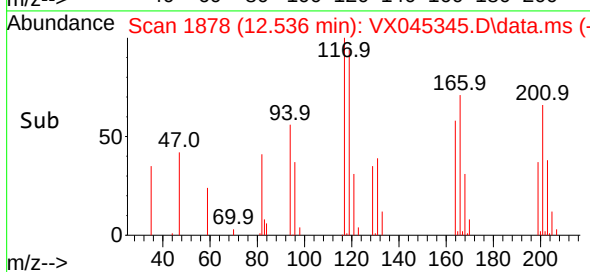
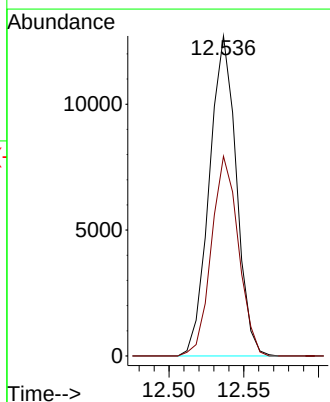
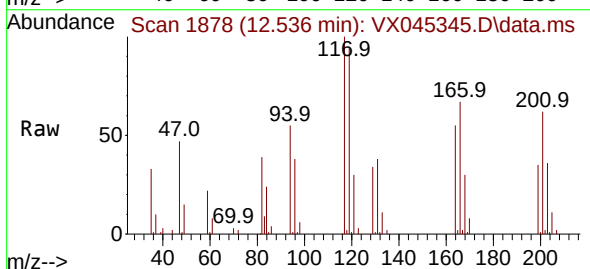
Manual Integrations
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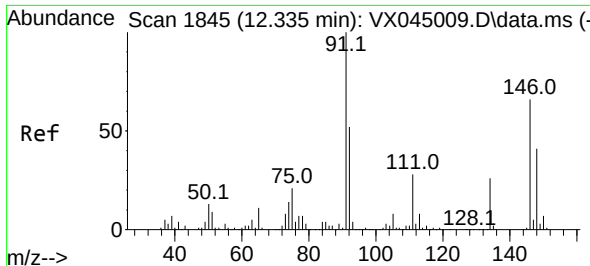
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#86
Hexachloroethane
Concen: 19.873 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

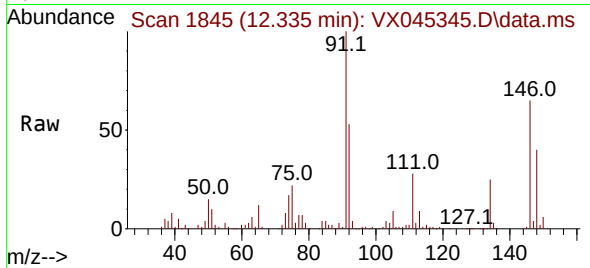
Tgt Ion:117 Resp: 15974
Ion Ratio Lower Upper
117 100
201 62.5 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 21.352 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

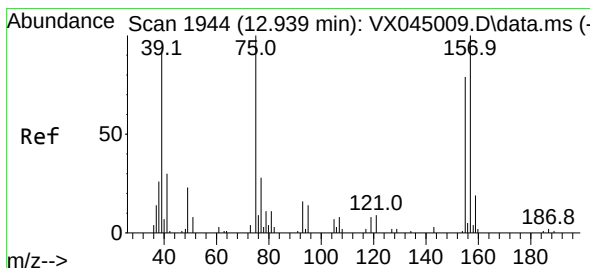
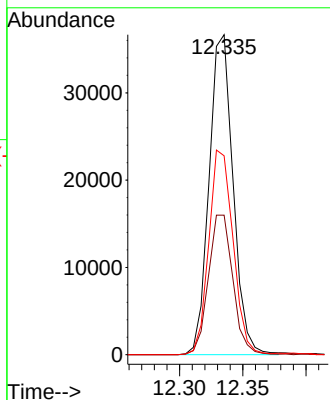
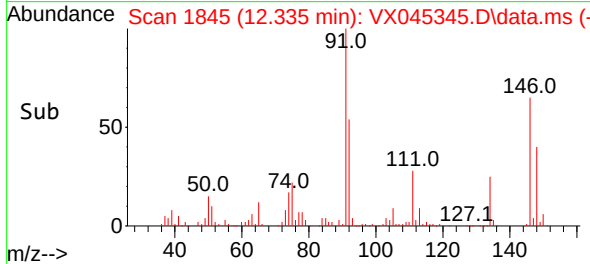
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 48384
Ion Ratio Lower Upper
146 100
111 44.4 21.7 65.1
148 64.6 31.8 95.4

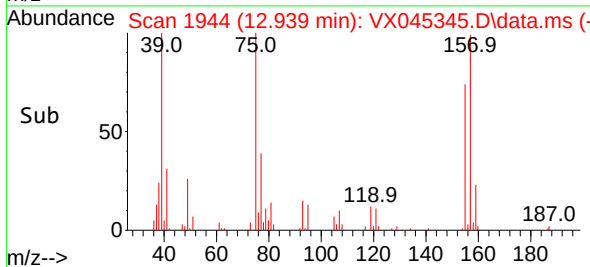
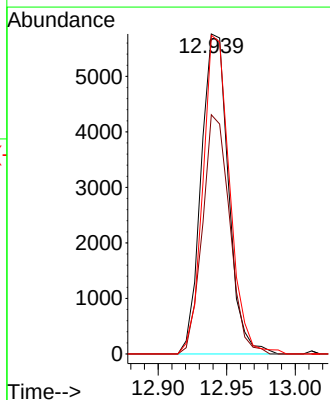
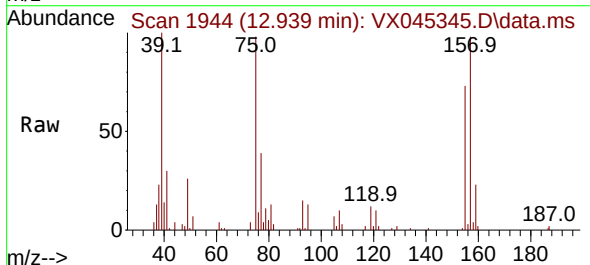
Manual Integrations
APPROVED

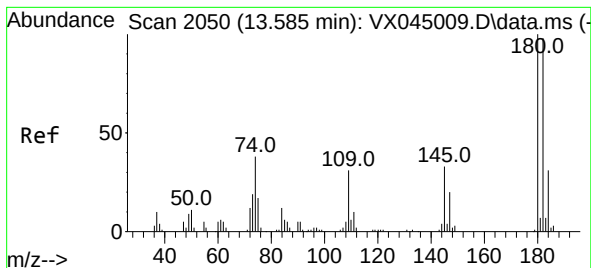
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 23.216 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

Tgt Ion: 75 Resp: 7970
Ion Ratio Lower Upper
75 100
155 74.4 66.2 99.4
157 97.8 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 19.556 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

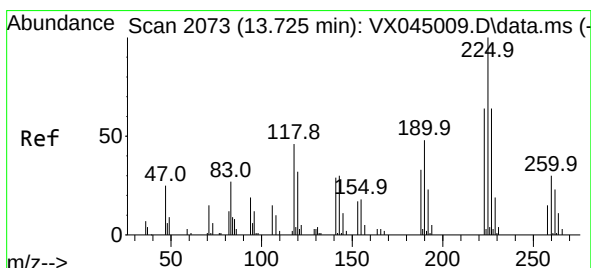
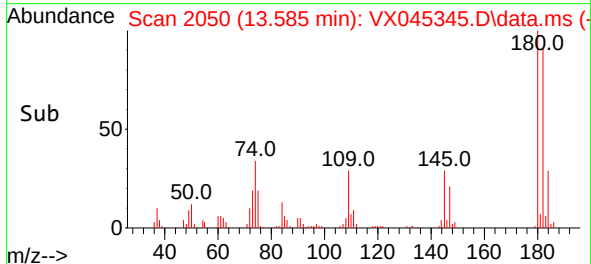
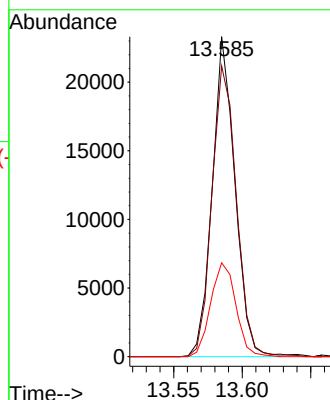
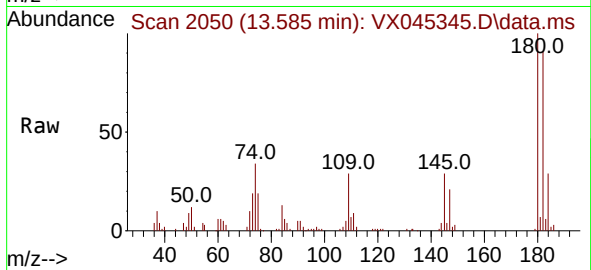
Tgt Ion:180	Resp:	2685
Ion Ratio	Lower	Upper
180	100	
182	97.9	77.7 116.5
145	32.5	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#90

Hexachlorobutadiene

Concen: 21.393 ug/l

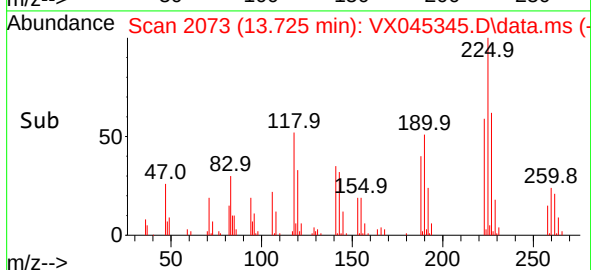
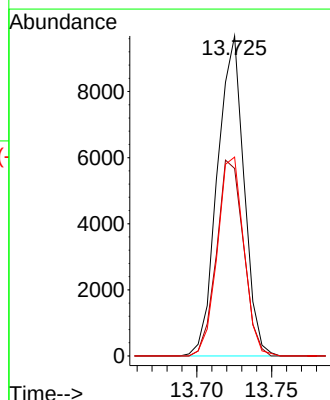
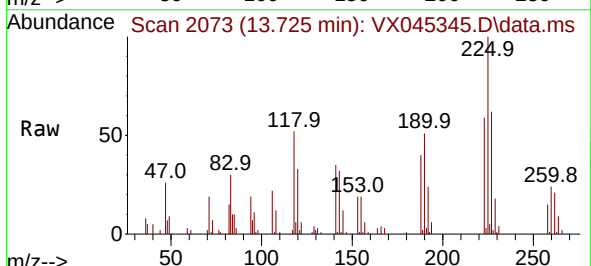
RT: 13.725 min Scan# 2073

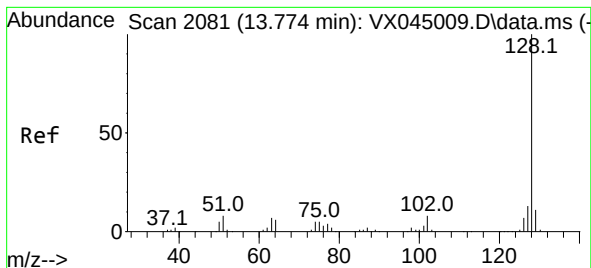
Delta R.T. -0.000 min

Lab File: VX045345.D

Acq: 19 Mar 2025 14:56

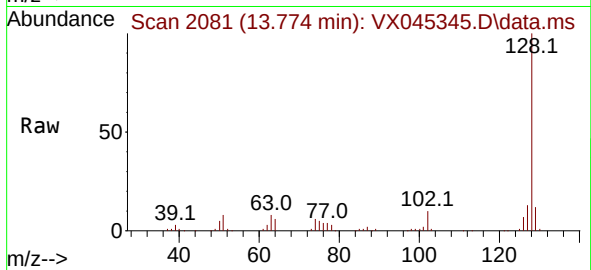
Tgt Ion:225	Resp:	11982
Ion Ratio	Lower	Upper
225	100	
223	61.9	0.0 123.4
227	61.8	0.0 127.4





#91
Naphthalene
Concen: 20.869 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56

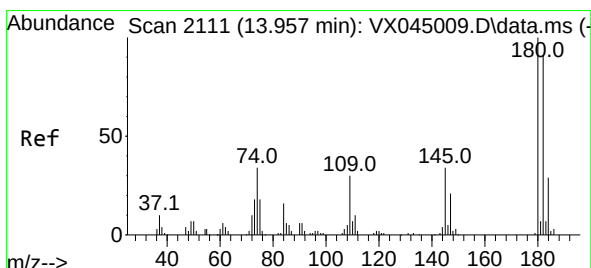
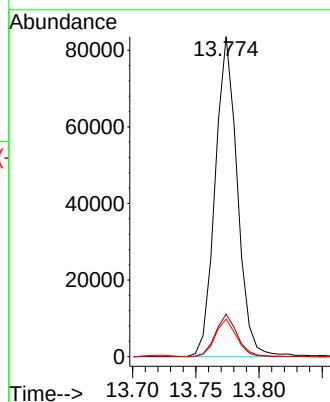
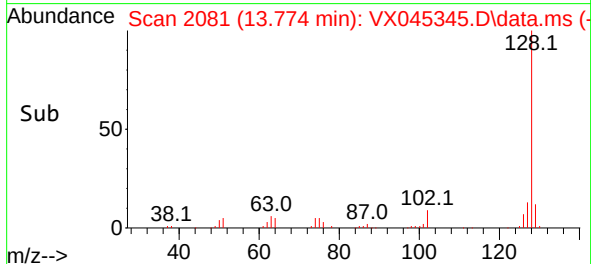
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



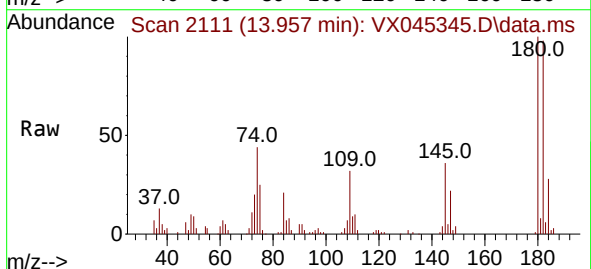
Tgt Ion:128 Resp: 101062
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.304 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045345.D
Acq: 19 Mar 2025 14:56



Tgt Ion:180 Resp: 27295
Ion Ratio Lower Upper
180 100
182 96.2 0.0 186.6
145 35.6 0.0 68.4

