

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045020.D
 Acq On : 21 Feb 2025 16:05
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 01:17:10 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	17711	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	94187	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	87286	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	49349	28.688	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.633%		
60) 4-Bromofluorobenzene	11.079	95	47785	29.289	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.633%		
63) Toluene-d8	8.640	98	142693	29.550	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27187	18.209	ug/l	95
3) Chloromethane	1.294	50	33243	18.590	ug/l	100
4) Vinyl Chloride	1.367	62	31148	18.051	ug/l	97
5) Bromomethane	1.593	94	11846	19.722	ug/l	95
6) Chloroethane	1.672	64	17601	18.833	ug/l	96
7) Trichlorofluoromethane	1.879	101	43222	18.637	ug/l	95
8) Diethyl Ether	2.129	74	15750	17.949	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.324	101	26114	18.959	ug/l	99
10) 1,1-Dichloroethene	2.312	96	25031	18.605	ug/l	92
11) Methyl Iodide	2.446	142	25869	16.988	ug/l	99
12) Methyl Acetate	2.696	43	30538	19.546	ug/l	97
13) Acrolein	2.233	56	34725	110.886	ug/l	100
14) Acrylonitrile	3.056	53	75366	98.758	ug/l	100
15) Acetone	2.373	58	20243	96.719	ug/l	96
16) Carbon Disulfide	2.507	76	68225	17.878	ug/l	100
17) Allyl chloride	2.660	41	44963	17.868	ug/l	97
18) Methylene Chloride	2.782	84	28321	18.715	ug/l	95
19) trans-1,2-Dichloroethene	3.086	96	25223	18.530	ug/l	96
20) Diisopropyl ether	3.751	45	89916	18.594	ug/l	99
21) 1,1-Dichloroethane	3.599	63	49184	18.289	ug/l	98
22) cis-1,2-Dichloroethene	4.476	96	30524	18.713	ug/l	98
23) tert-Butyl Alcohol	2.958	59	25564	95.956	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	80579	18.350	ug/l	100
25) Chloroform	5.086	83	48444	18.649	ug/l	100
26) Cyclohexane	5.458	56	46812	18.858	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	33941	19.590	ug/l	97
30) 2-Butanone	4.550	43	102349	102.274	ug/l	99
31) 2,2-Dichloropropane	4.464	77	37190	18.983	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40855	19.462	ug/l	98
33) Carbon Tetrachloride	5.665	117	34550	19.501	ug/l	94
34) Benzene	6.031	78	105827	19.477	ug/l	97
35) Methacrylonitrile	4.915	41	21320	19.909	ug/l	94
36) 1,2-Dichloroethane	6.080	62	36009	19.358	ug/l	100
37) Trichloroethene	7.122	130	24214	19.049	ug/l	100
38) Methylcyclohexane	7.372	83	46299	19.902	ug/l	98
39) 1,2-Dichloropropane	7.421	63	27019	20.002	ug/l	97
40) Dibromomethane	7.573	93	18946	19.545	ug/l	99
41) Bromodichloromethane	7.817	83	36969	19.189	ug/l	98
42) Vinyl Acetate	3.714	43	376854	97.042	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045020.D
 Acq On : 21 Feb 2025 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 01:17:10 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)
43) Ethyl Acetate	4.708	43	38620	20.579	ug/l	97
44) Isopropyl Acetate	6.336	43	60076	19.450	ug/l	98
45) 1,4-Dioxane	7.653	88	13586	423.114	ug/l	99
46) Methyl methacrylate	7.689	41	30164	19.916	ug/l	97
47) n-amyl Acetate	10.841	43	52809	19.702	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	32723	17.622	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	39155	18.626	ug/l	98
50) 1,1,2-Trichloroethane	9.146	97	24719	19.550	ug/l	97
51) Ethyl methacrylate	9.110	69	37906	19.062	ug/l	97
52) 1,3-Dichloropropane	9.305	76	43968	19.846	ug/l	98
53) Dibromochloromethane	9.518	129	26369	18.857	ug/l	98
54) 1,2-Dibromoethane	9.604	107	25176	19.609	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	92236	90.325	ug/l	100
56) Bromoform	10.799	173	17024	19.428	ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	205410	103.451	ug/l	99
59) 2-Hexanone	9.427	43	149416	104.109	ug/l	100
61) Tetrachloroethene	9.268	164	21362	19.875	ug/l	99
62) Toluene	8.714	91	111676	19.314	ug/l	97
64) Chlorobenzene	10.073	112	68885	19.225	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.158	131	22456	18.994	ug/l	98
66) Ethyl Benzene	10.189	91	121480	19.190	ug/l	98
67) m/p-Xylenes	10.299	106	92945	39.407	ug/l	100
68) o-Xylene	10.640	106	45460	19.644	ug/l	99
69) Styrene	10.652	104	74652	19.315	ug/l	99
70) Isopropylbenzene	10.957	105	117436	19.665	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	40272	20.508	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	32215m	19.945	ug/l	
73) Bromobenzene	11.195	156	26789	19.486	ug/l	97
74) n-propylbenzene	11.298	91	136602	19.222	ug/l	100
75) 2-Chlorotoluene	11.359	91	82880	19.291	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	96574	19.602	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	8818	16.227	ug/l	93
78) 4-Chlorotoluene	11.451	91	90813	18.962	ug/l	99
79) tert-butylbenzene	11.713	119	98363	19.815	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	95918	19.436	ug/l	98
81) sec-Butylbenzene	11.890	105	122818	19.714	ug/l	99
82) p-Isopropyltoluene	12.006	119	100814	19.972	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	49731	19.442	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	48106	19.074	ug/l	99
85) n-Butylbenzene	12.329	91	87637	19.012	ug/l	99
86) Hexachloroethane	12.536	117	16521	18.558	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	51400	20.480	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.938	75	7193	18.918	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	28677	18.853	ug/l	99
90) Hexachlorobutadiene	13.725	225	12493	20.139	ug/l	96
91) Naphthalene	13.774	128	104363	19.458	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	29745	18.994	ug/l	99

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

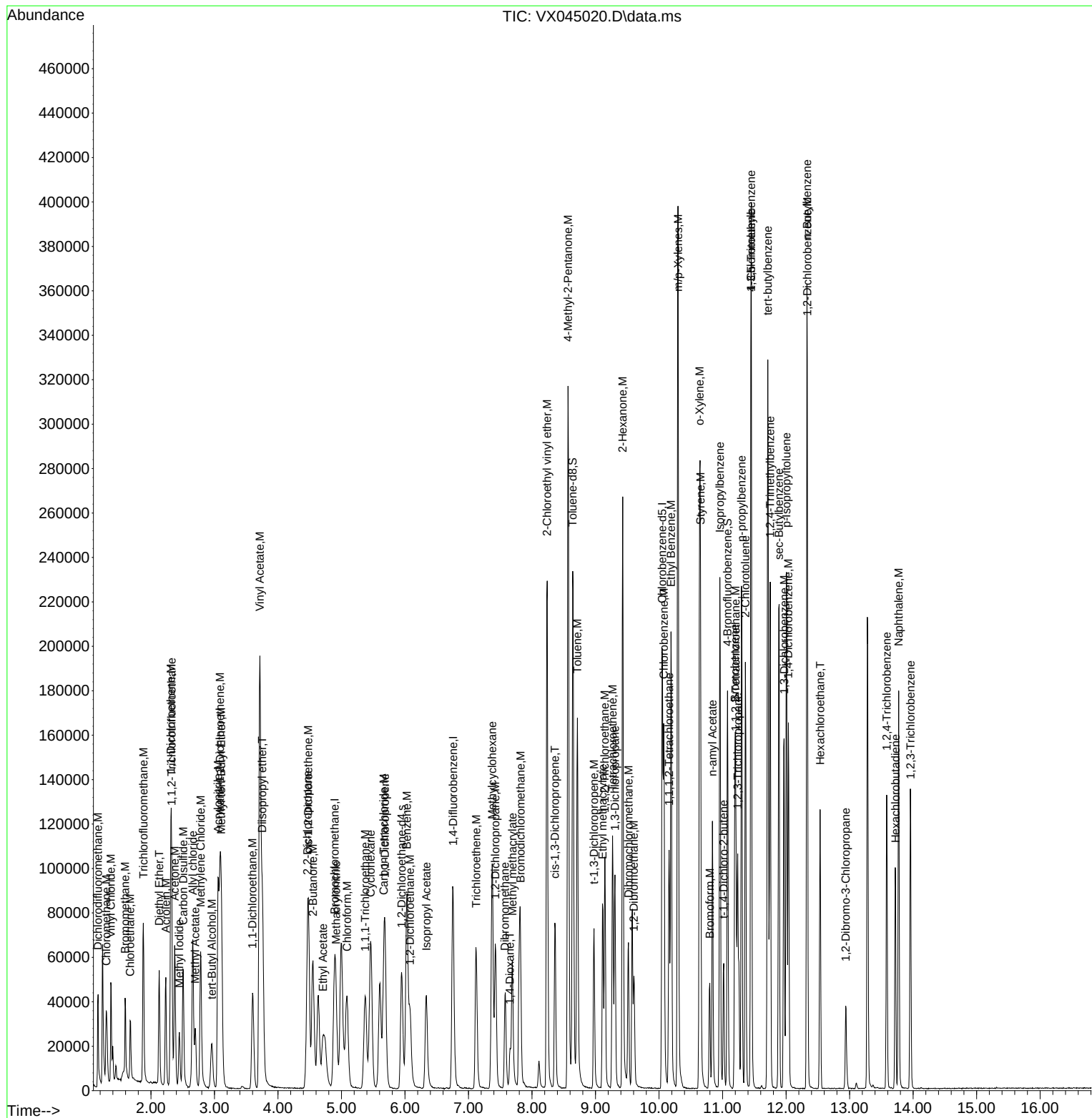
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
Data File : VX045020.D
Acq On : 21 Feb 2025 16:05
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

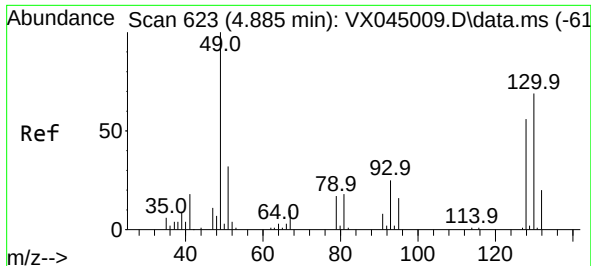
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Feb 22 01:17:10 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

Manual Integrations
APPROVED

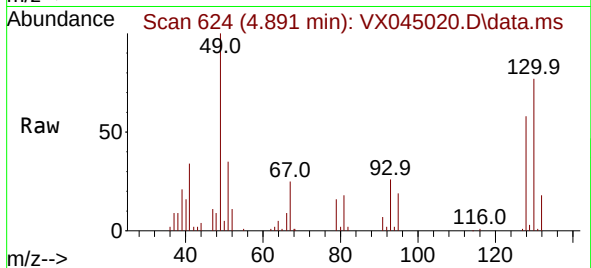
Reviewed By : John Carlone 02/24/2025
Supervised By : Mahesh Dadoda 02/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

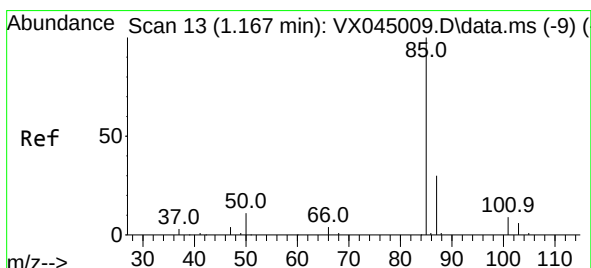
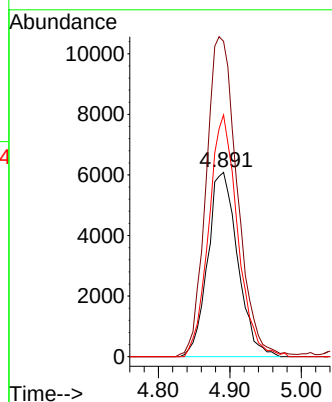
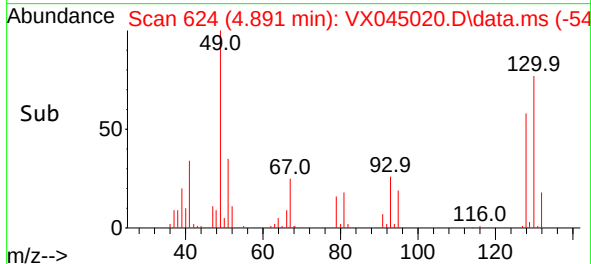
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 1771
Ion Ratio Lower Upper
128 100
49 181.3 0.0 449.7
130 126.1 0.0 312.7

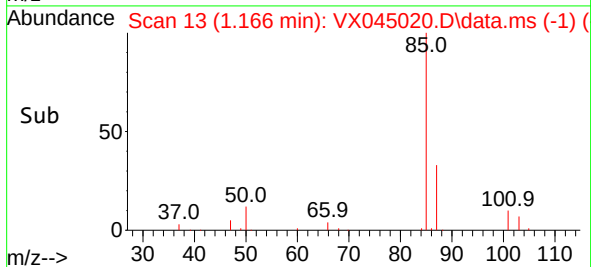
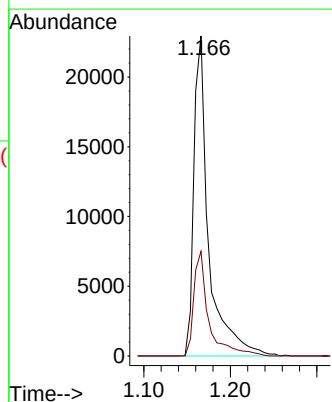
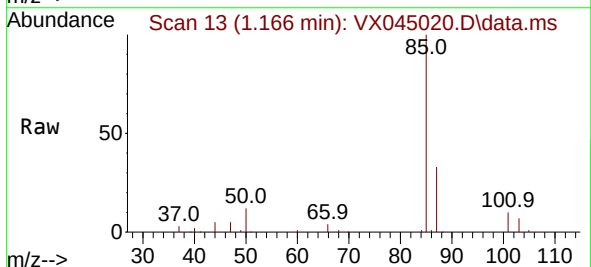
Manual Integrations
APPROVED

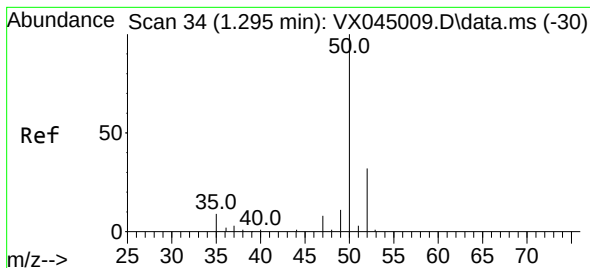
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 18.209 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 85 Resp: 27187
Ion Ratio Lower Upper
85 100
87 32.7 15.1 45.3





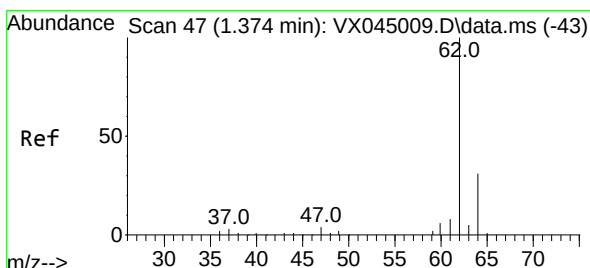
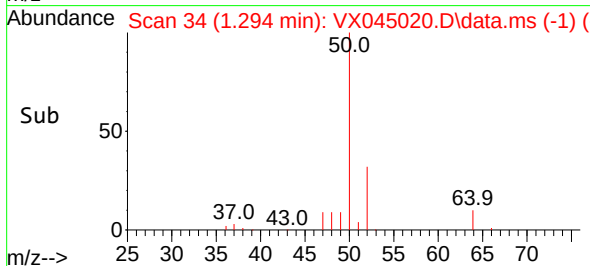
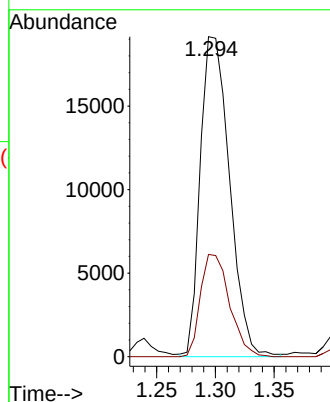
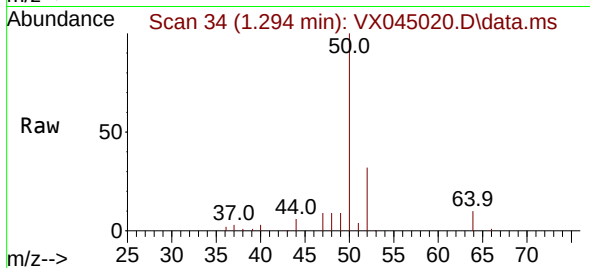
#3
Chloromethane
Concen: 18.590 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 3324
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

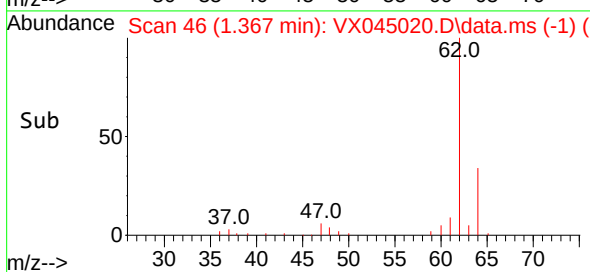
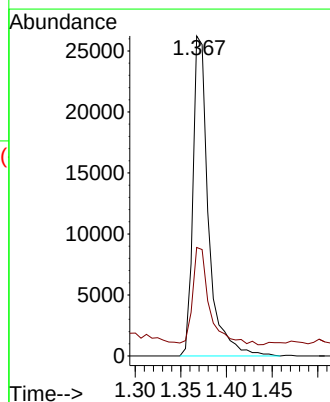
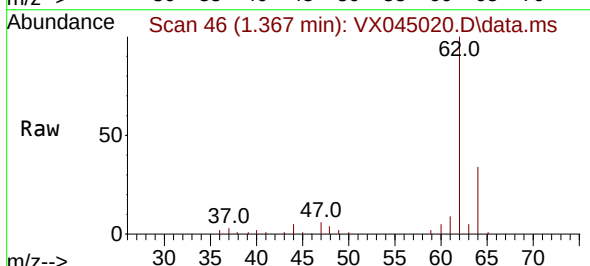
Manual Integrations
APPROVED

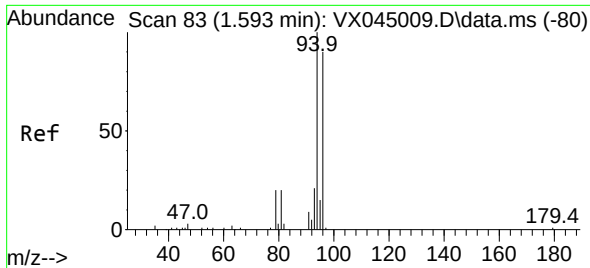
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 18.051 ug/l
RT: 1.367 min Scan# 46
Delta R.T. -0.007 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

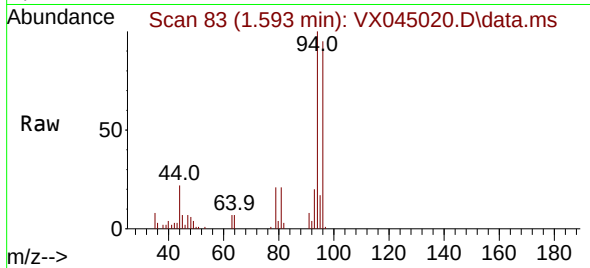
Tgt Ion: 62 Resp: 31148
Ion Ratio Lower Upper
62 100
64 29.9 25.1 37.7





#5
Bromomethane
Concen: 19.722 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

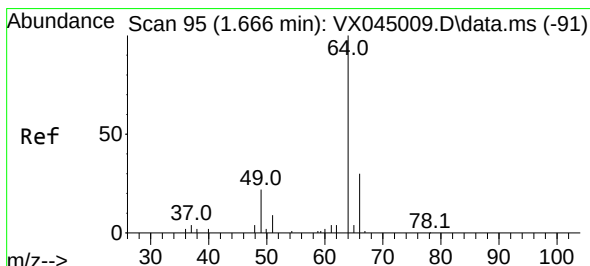
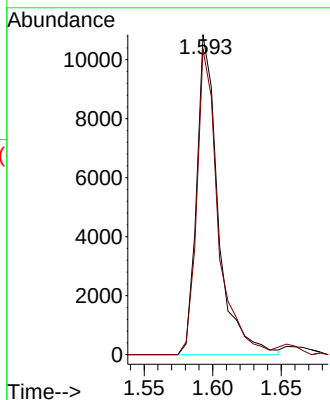
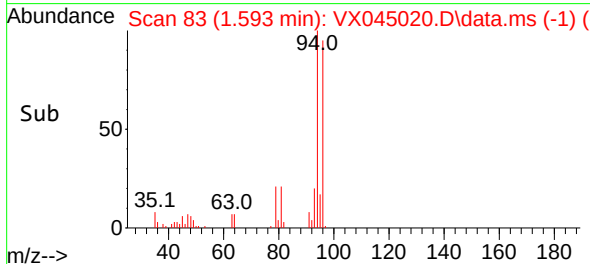
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



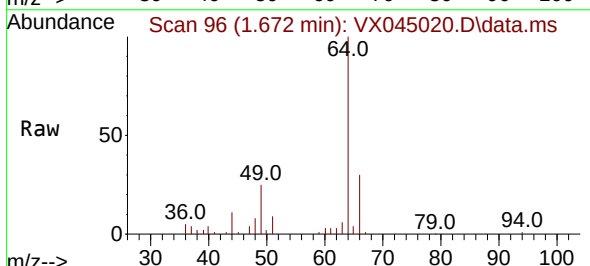
Tgt Ion: 94 Resp: 11840
Ion Ratio Lower Upper
94 100
96 95.4 72.2 108.4

Manual Integrations
APPROVED

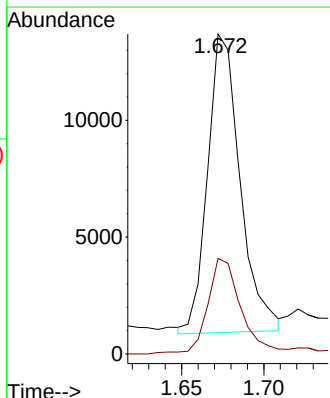
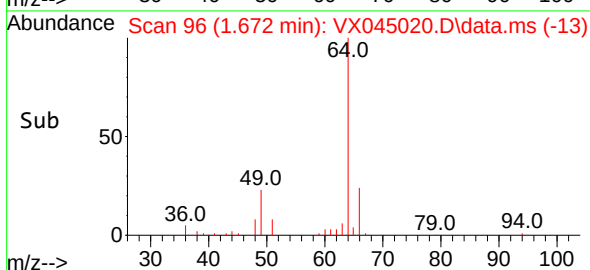
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

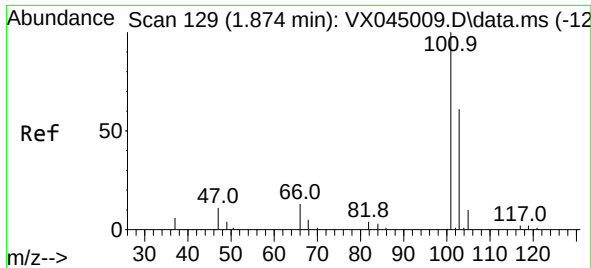


#6
Chloroethane
Concen: 18.833 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



Tgt Ion: 64 Resp: 17601
Ion Ratio Lower Upper
64 100
66 31.9 23.7 35.5





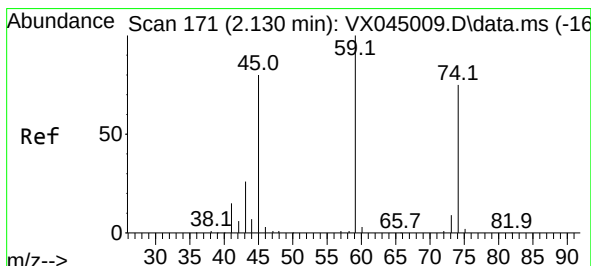
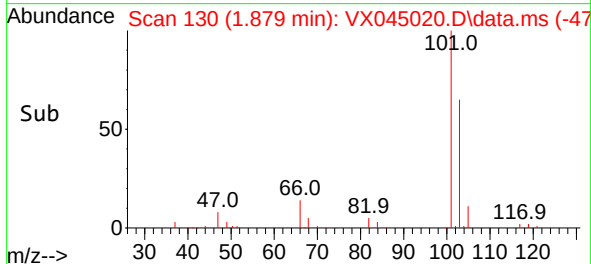
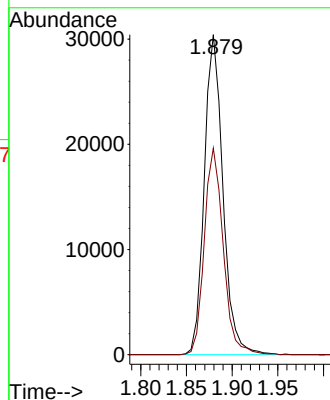
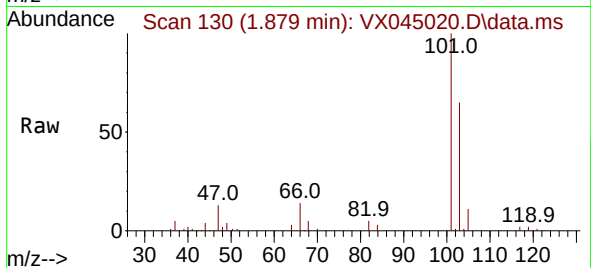
#7
Trichlorofluoromethane
Concen: 18.637 ug/l
RT: 1.879 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4322
Ion Ratio Lower Upper
101 100
103 64.6 48.8 73.2

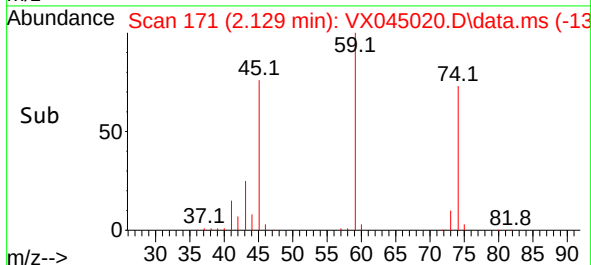
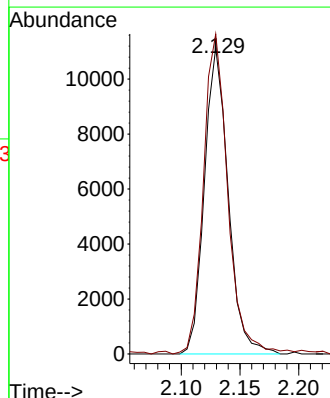
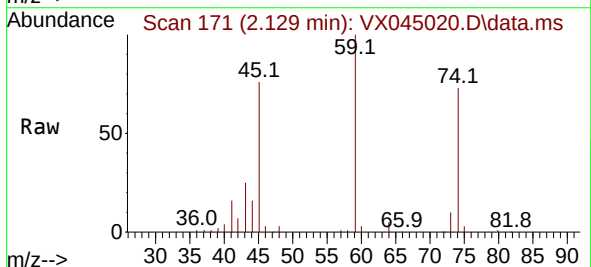
Manual Integrations
APPROVED

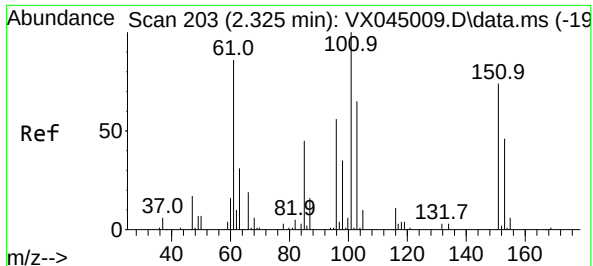
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#8
Diethyl Ether
Concen: 17.949 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 74 Resp: 15750
Ion Ratio Lower Upper
74 100
45 106.7 20.8 186.8





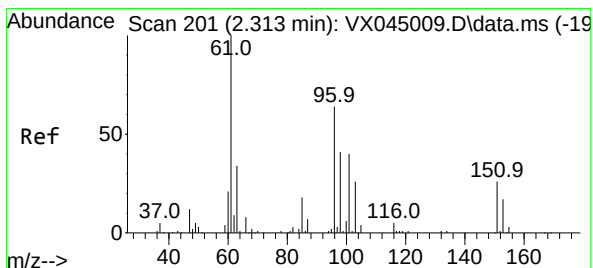
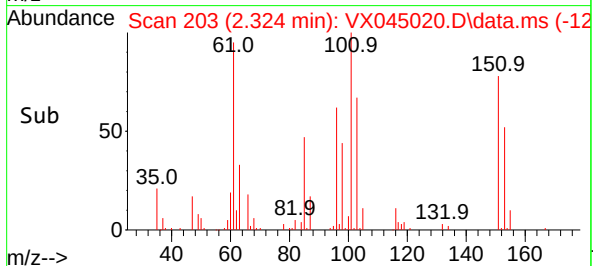
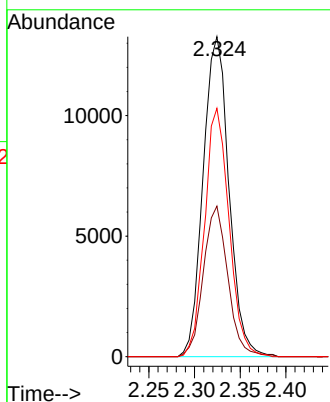
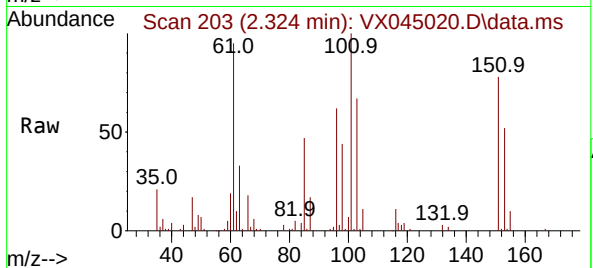
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.959 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 26114
Ion Ratio Lower Upper
101 100
85 44.5 0.0 90.6
151 73.5 0.0 147.6

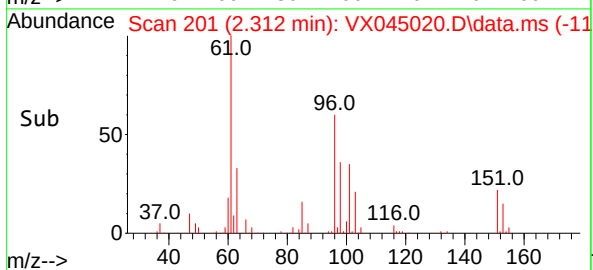
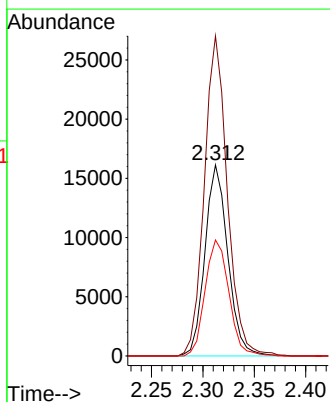
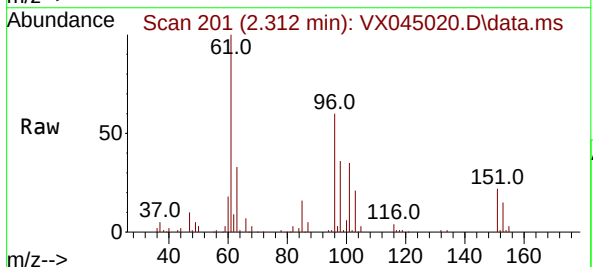
Manual Integrations
APPROVED

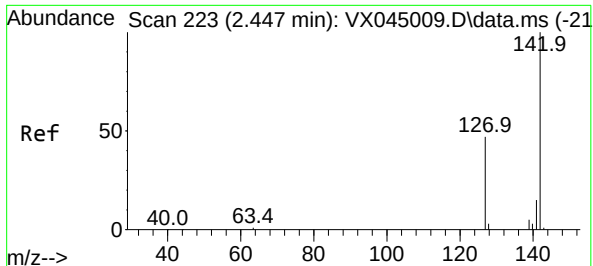
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 18.605 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

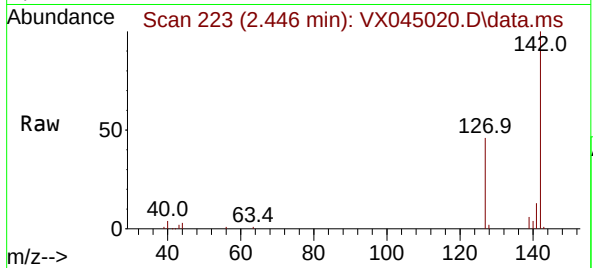
Tgt Ion: 96 Resp: 25031
Ion Ratio Lower Upper
96 100
61 167.4 124.2 186.2
98 60.7 51.1 76.7





#11
Methyl Iodide
Concen: 16.988 ug/l
RT: 2.446 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

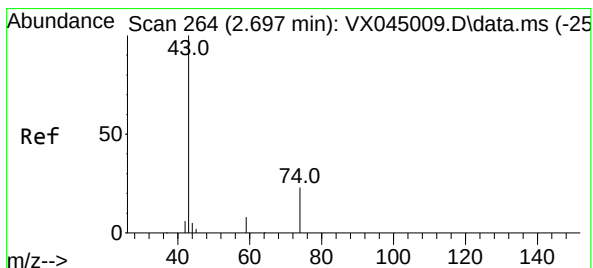
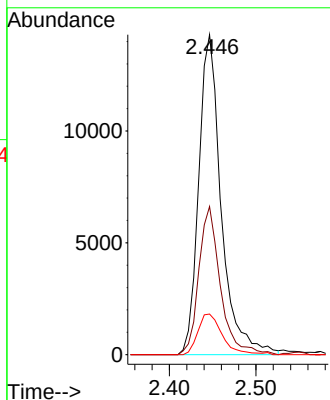
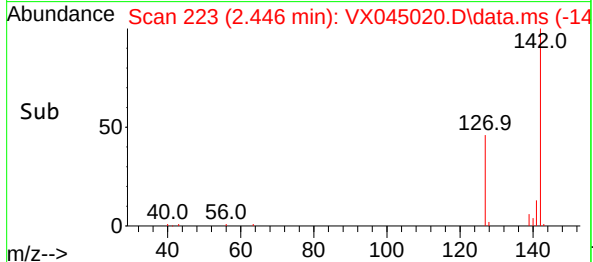
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 25869
Ion Ratio Lower Upper
142 100
127 46.6 23.3 69.9
141 12.8 7.5 22.6

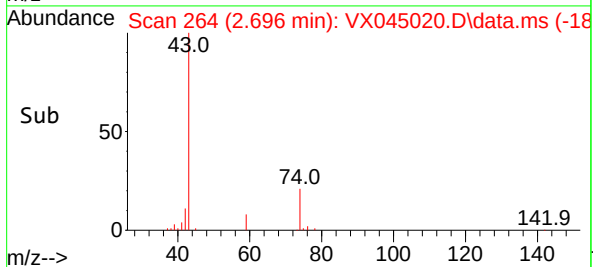
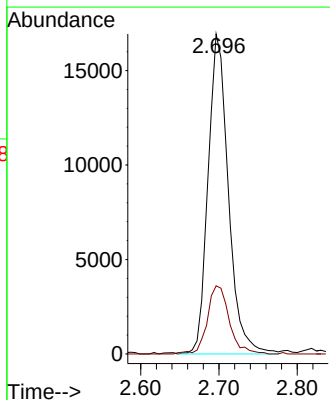
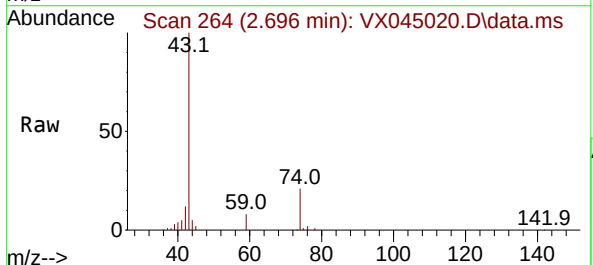
Manual Integrations
APPROVED

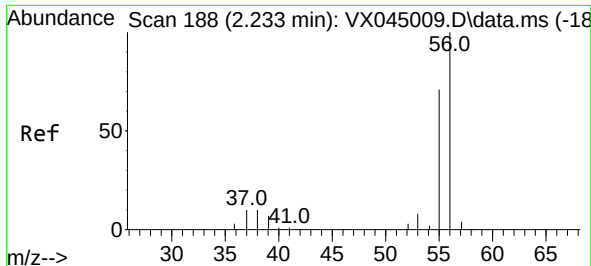
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 19.546 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

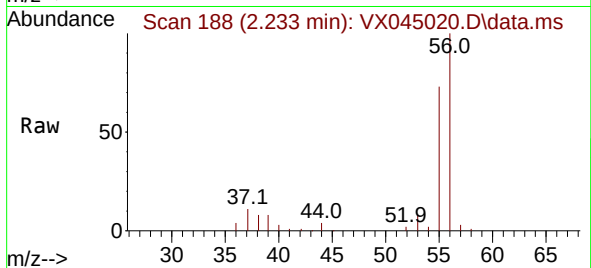
Tgt Ion: 43 Resp: 30538
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9





#13
Acrolein
Concen: 110.886 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

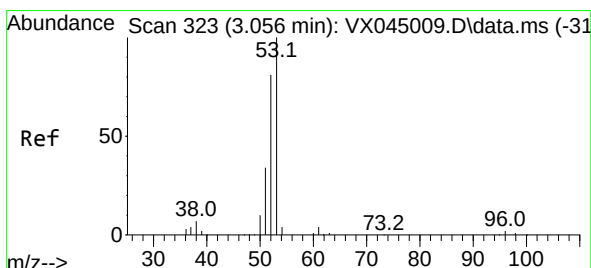
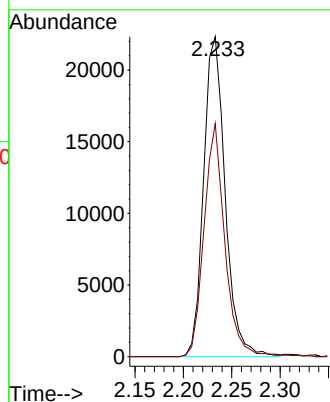
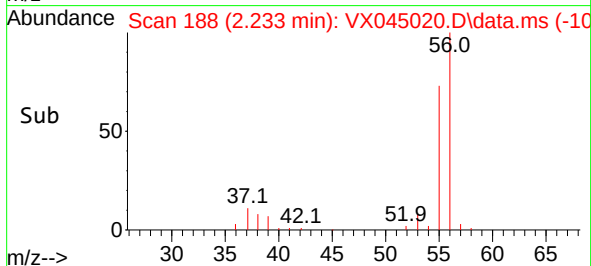
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



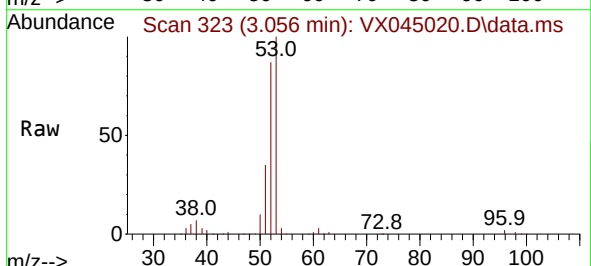
Tgt Ion: 56 Resp: 34725
Ion Ratio Lower Upper
56 100
55 69.6 55.4 83.2

Manual Integrations
APPROVED

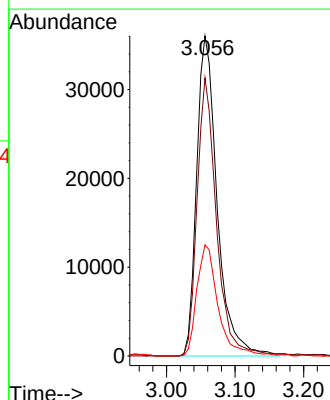
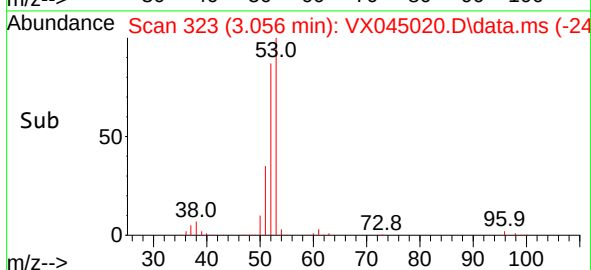
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

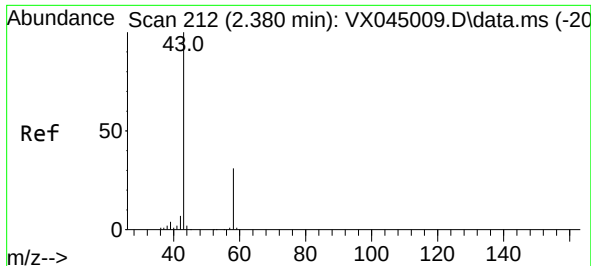


#14
Acrylonitrile
Concen: 98.758 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



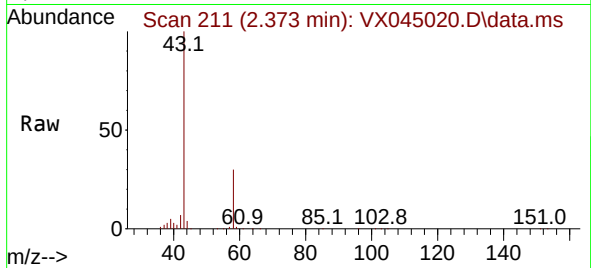
Tgt Ion: 53 Resp: 75366
Ion Ratio Lower Upper
53 100
52 81.8 40.9 122.8
51 35.5 18.0 54.0





#15
Acetone
Concen: 96.719 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

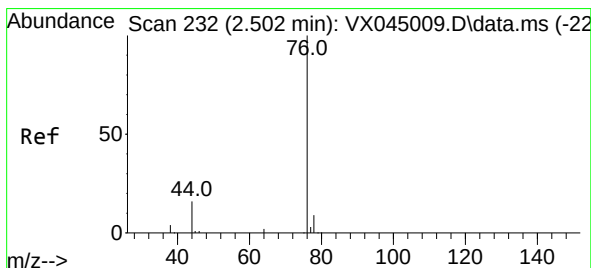
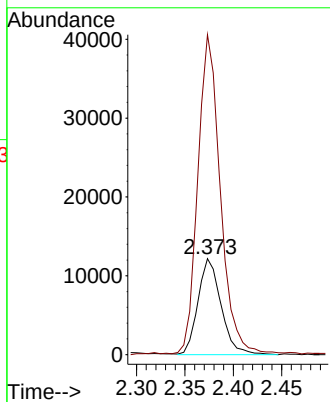
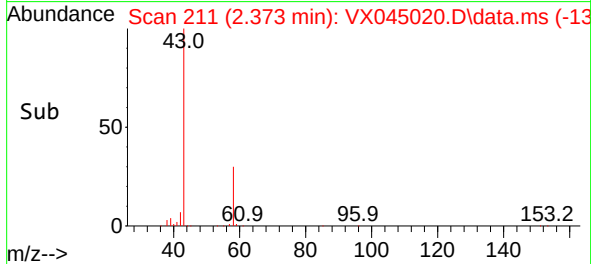
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 2024
Ion Ratio Lower Upper
58 100
43 331.4 258.6 388.0

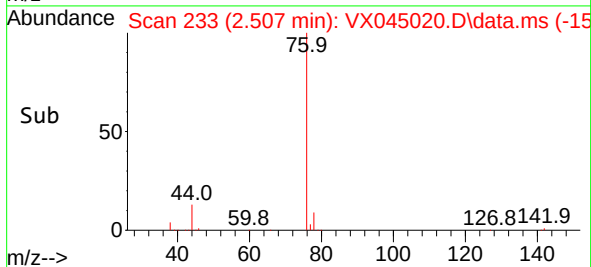
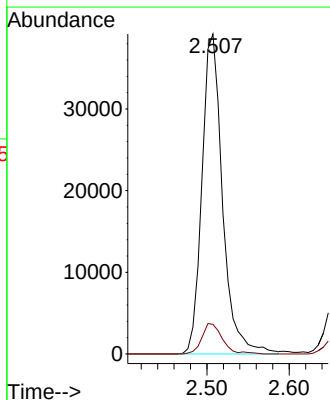
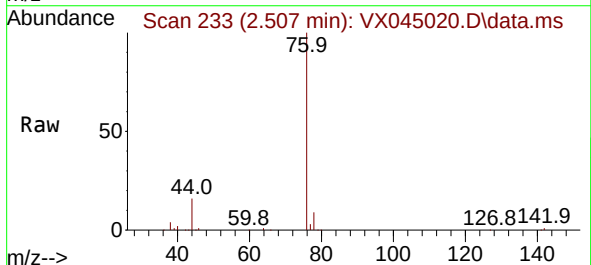
Manual Integrations
APPROVED

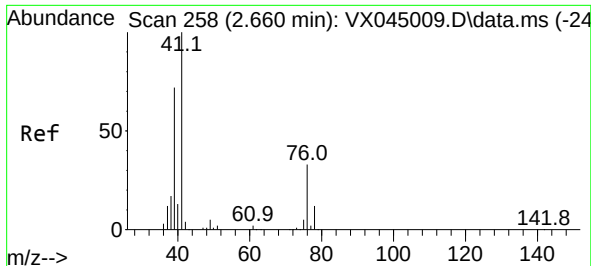
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Carbon Disulfide
Concen: 17.878 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

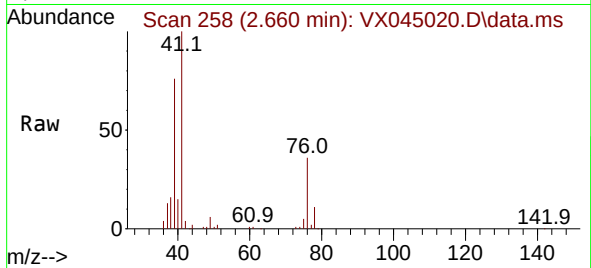
Tgt Ion: 76 Resp: 68225
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17
 Allyl chloride
 Concen: 17.868 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX045020.D
 Acq: 21 Feb 2025 16:05

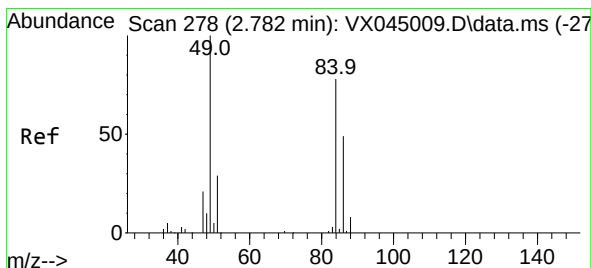
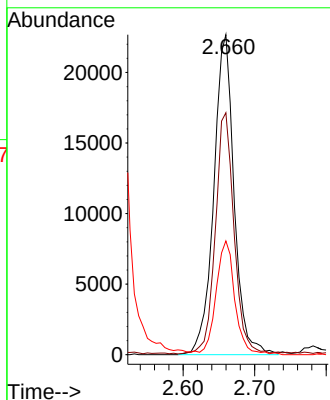
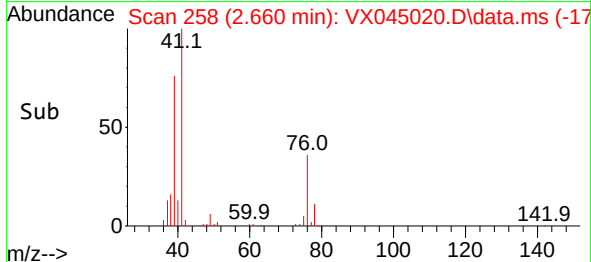
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 4496
 Ion Ratio Lower Upper
 41 100
 39 75.3 36.2 108.6
 76 35.2 17.2 51.5

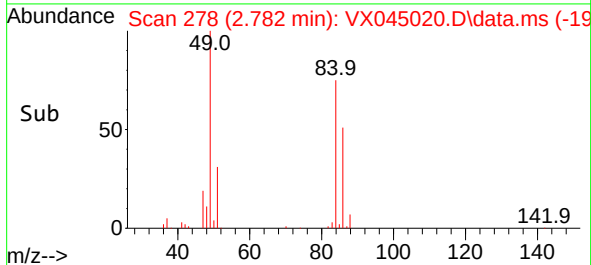
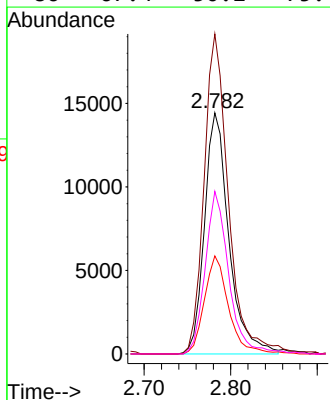
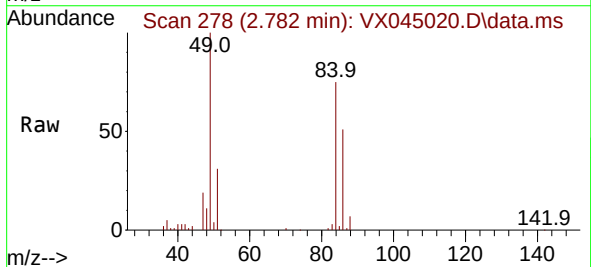
Manual Integrations
 APPROVED

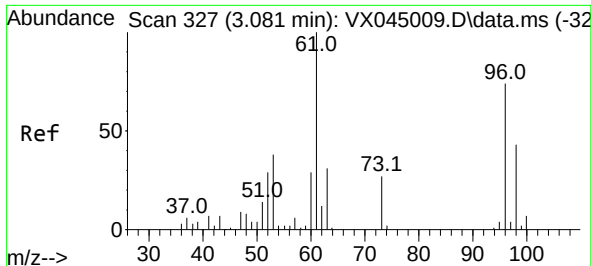
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 18.715 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045020.D
 Acq: 21 Feb 2025 16:05

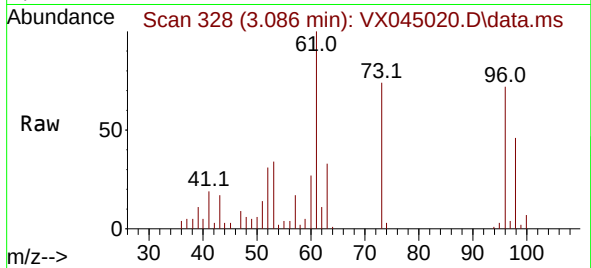
Tgt Ion: 84 Resp: 28321
 Ion Ratio Lower Upper
 84 100
 49 132.7 102.8 154.2
 51 40.7 30.1 45.1
 86 67.4 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.530 ug/l
RT: 3.086 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

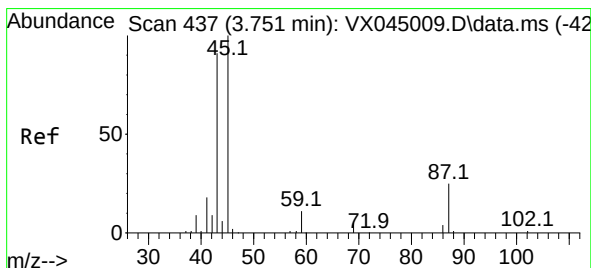
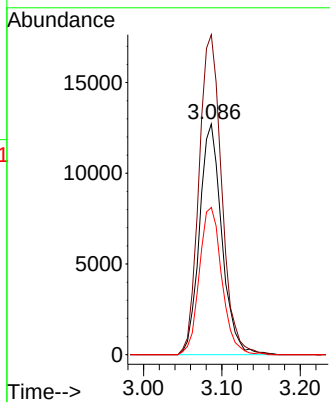
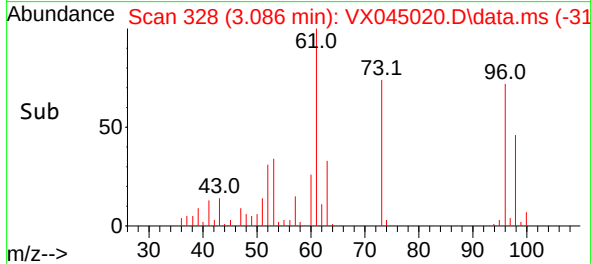
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 2522
Ion Ratio Lower Upper
96 100
61 138.6 108.6 163.0
98 63.8 46.5 69.7

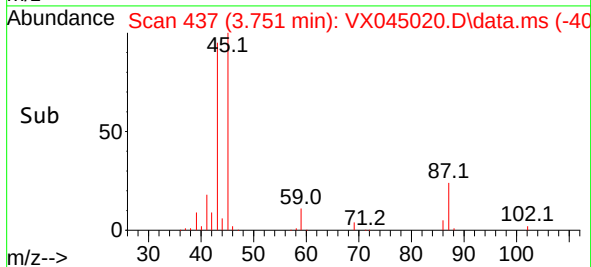
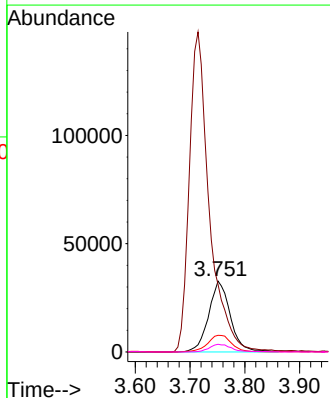
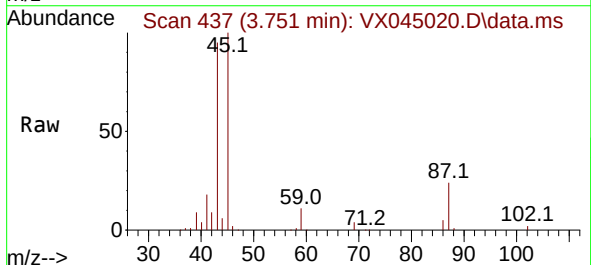
Manual Integrations
APPROVED

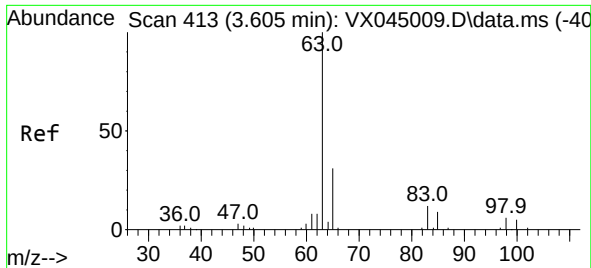
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Diisopropyl ether
Concen: 18.594 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 45 Resp: 89916
Ion Ratio Lower Upper
45 100
43 93.4 74.4 111.6
87 23.5 19.8 29.8
59 10.9 9.0 13.4





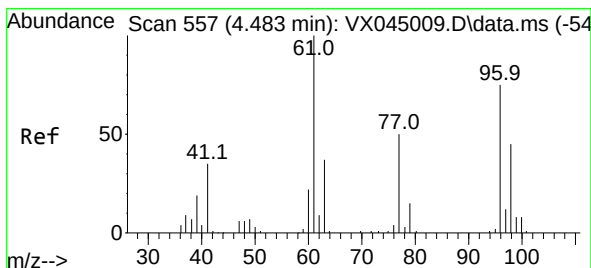
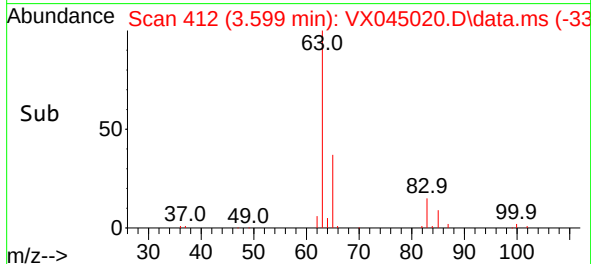
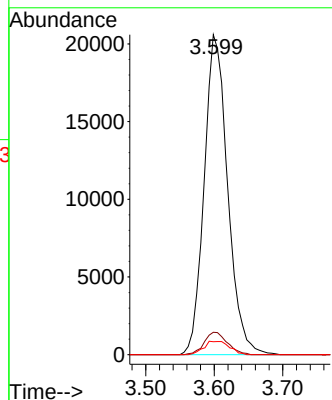
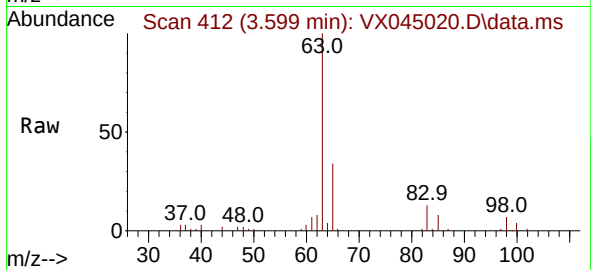
#21
1,1-Dichloroethane
Concen: 18.289 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.007 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 49184
Ion Ratio Lower Upper
63 100
98 7.0 3.3 9.8
100 4.0 2.4 7.1

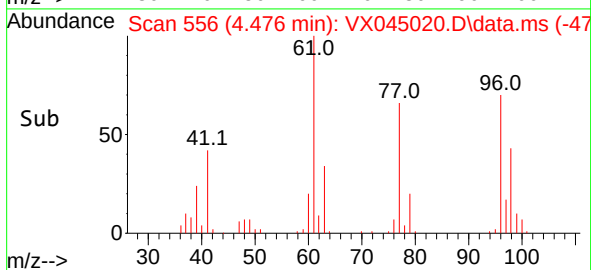
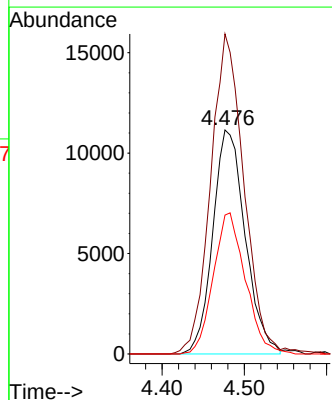
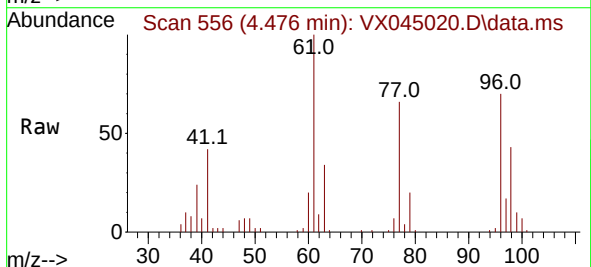
Manual Integrations
APPROVED

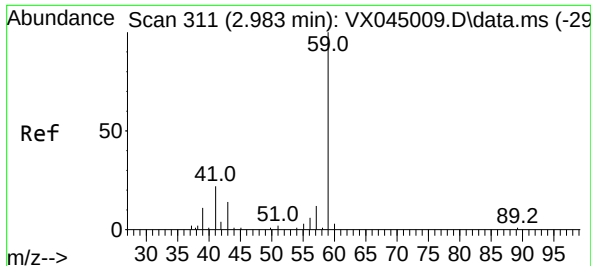
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#22
cis-1,2-Dichloroethene
Concen: 18.713 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.007 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 96 Resp: 30524
Ion Ratio Lower Upper
96 100
61 145.8 118.9 178.3
98 62.4 50.7 76.1





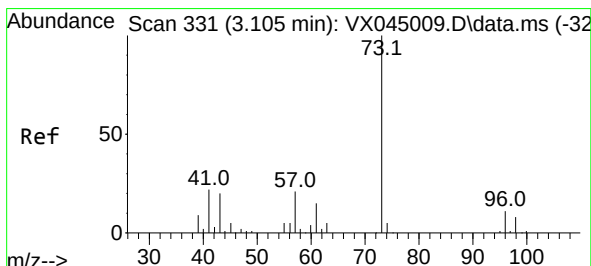
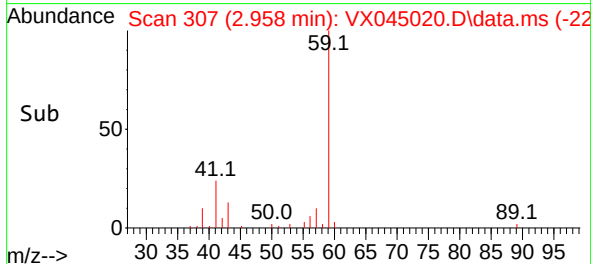
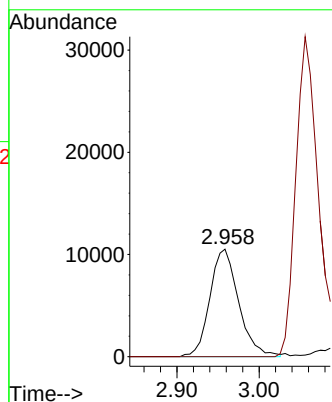
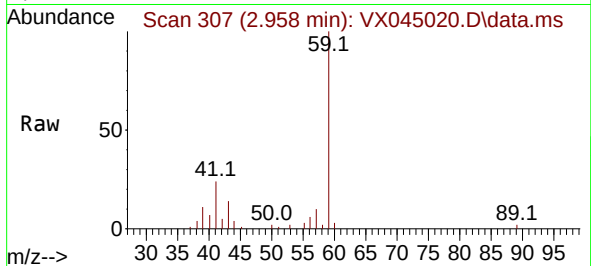
#23
tert-Butyl Alcohol
Concen: 95.956 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 25564
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

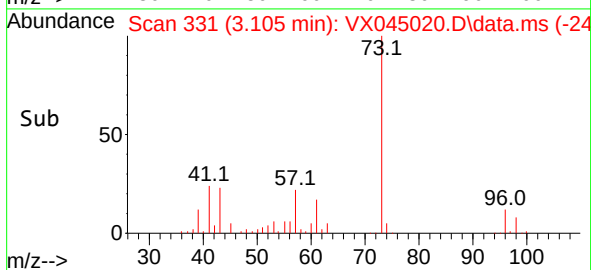
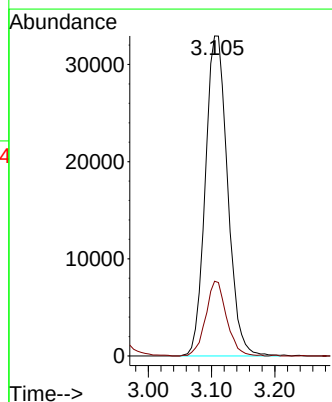
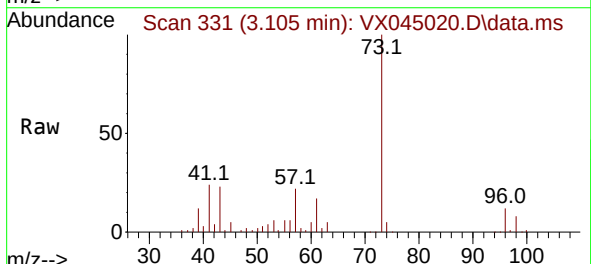
Manual Integrations
APPROVED

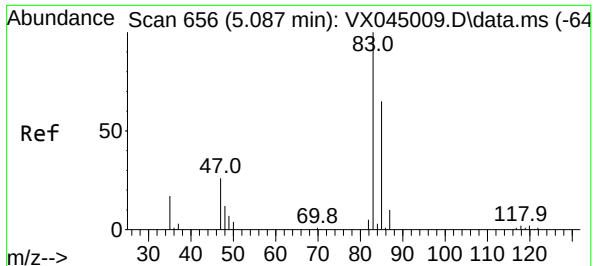
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#24
Methyl tert-Butyl Ether
Concen: 18.350 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 73 Resp: 80579
Ion Ratio Lower Upper
73 100
43 21.9 17.4 26.0





#25

Chloroform

Concen: 18.649 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 4844

Ion Ratio Lower Upper

83 100

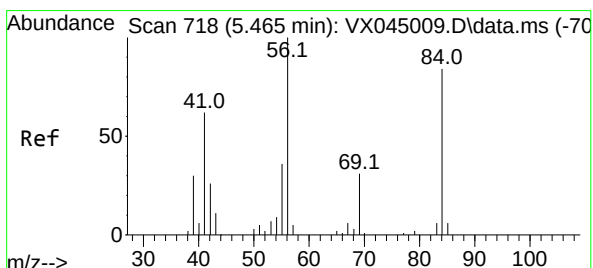
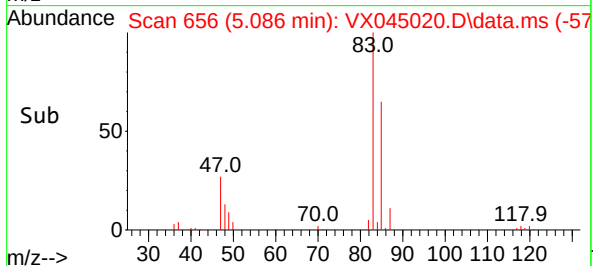
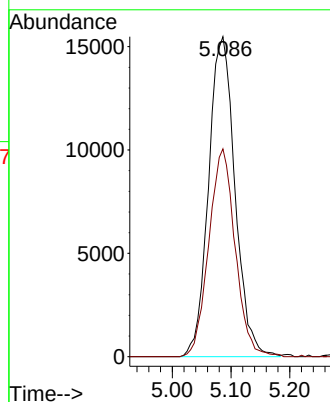
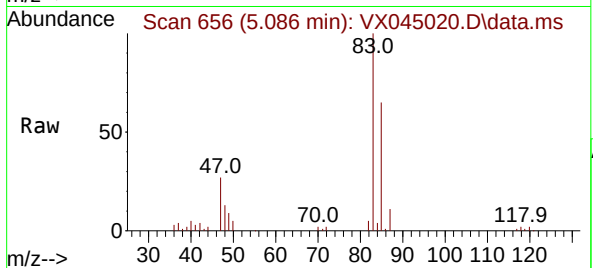
85 64.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#26

Cyclohexane

Concen: 18.858 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.007 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

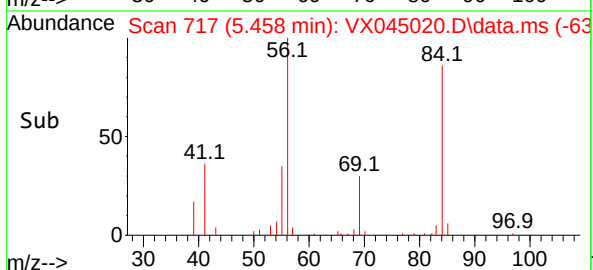
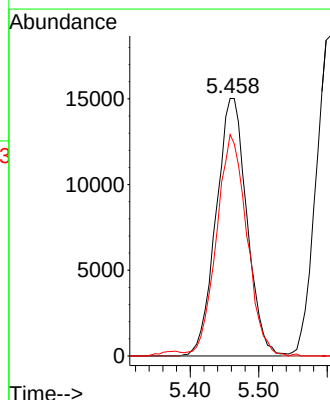
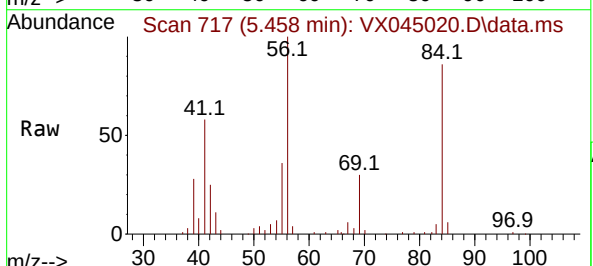
Tgt Ion: 56 Resp: 46812

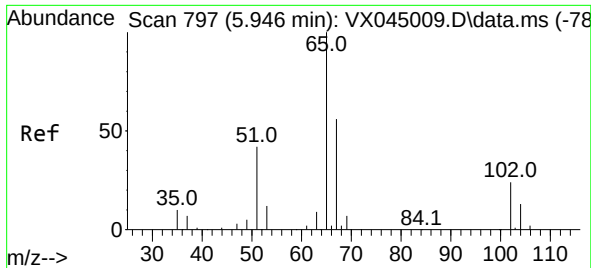
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.0 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 28.688 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 49349

Ion Ratio Lower Upper

65 100

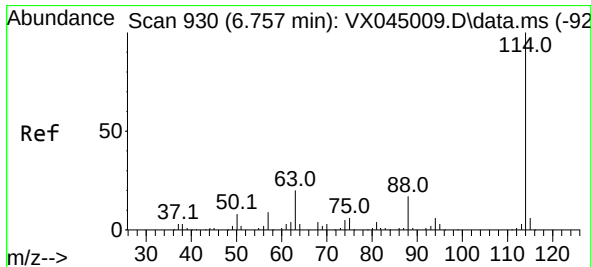
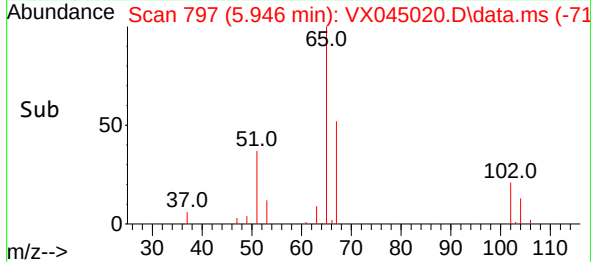
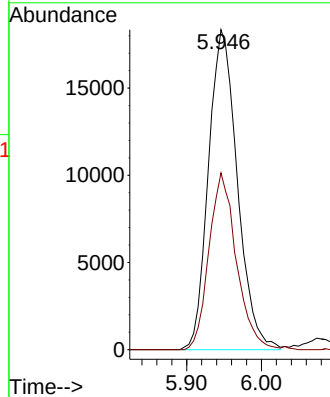
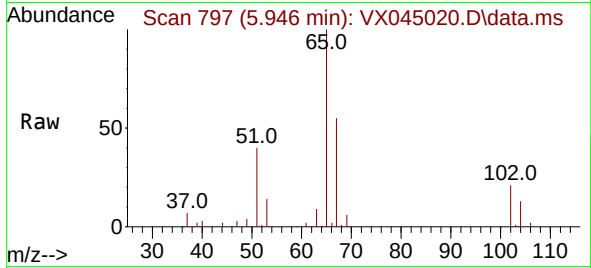
67 52.3 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

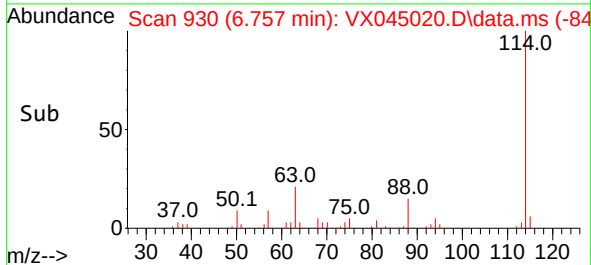
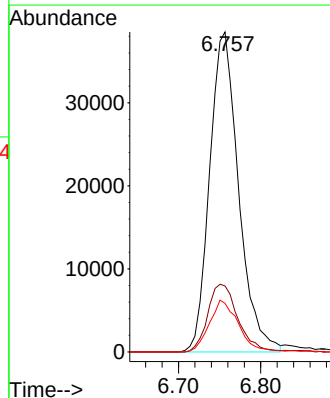
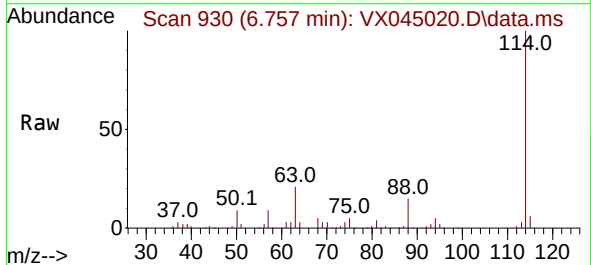
Tgt Ion:114 Resp: 94187

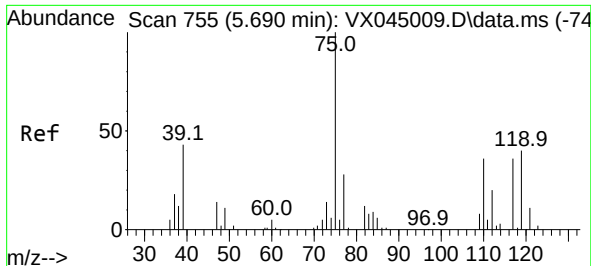
Ion Ratio Lower Upper

114 100

63 22.1 16.8 25.2

88 16.2 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.590 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.007 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3394

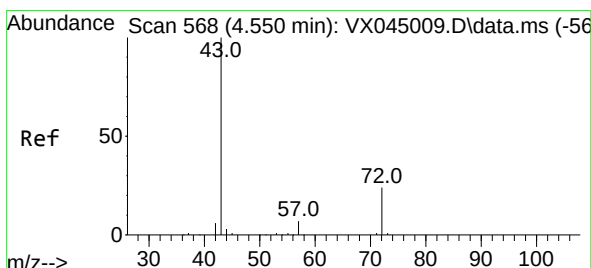
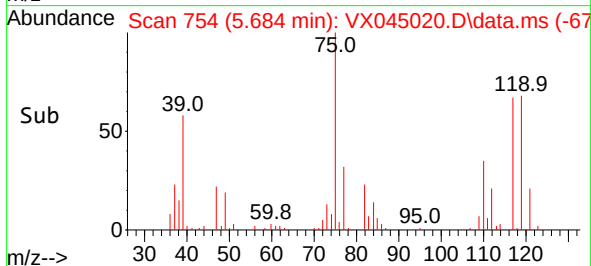
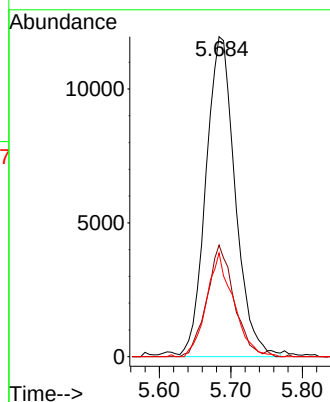
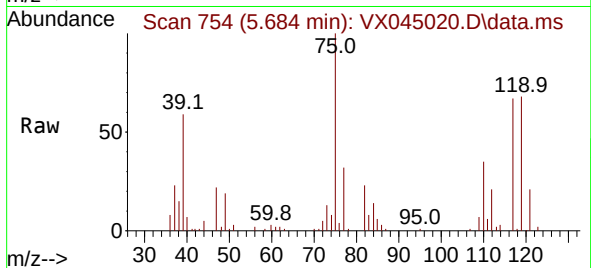
Ion	Ratio	Lower	Upper
75	100		
110	32.3	0.0	69.2
77	30.0	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 102.274 ug/l

RT: 4.550 min Scan# 568

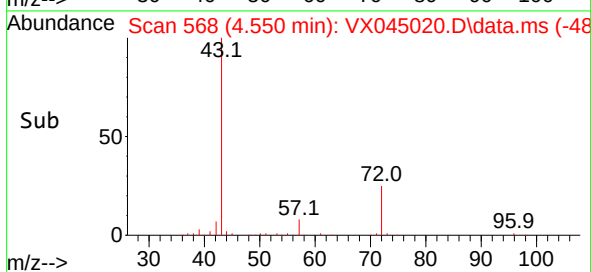
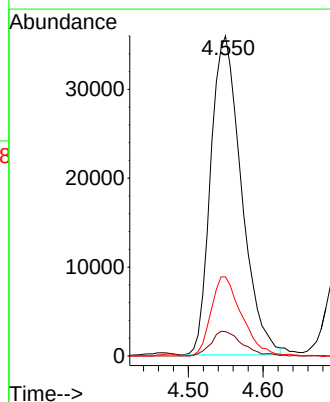
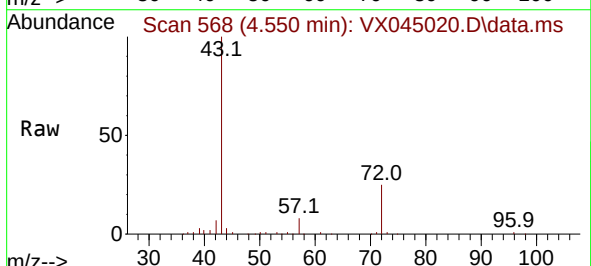
Delta R.T. -0.000 min

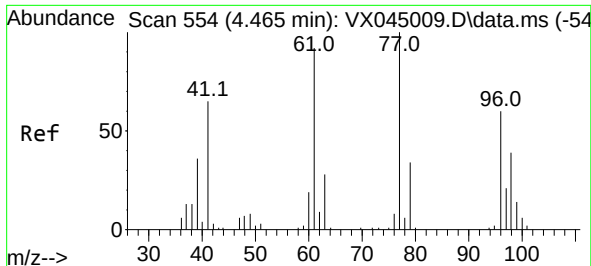
Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Tgt Ion: 43 Resp: 102349

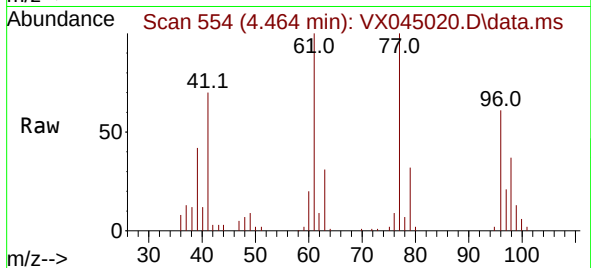
Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.2	9.2
72	24.7	20.2	30.2





#31
2,2-Dichloropropane
Concen: 18.983 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

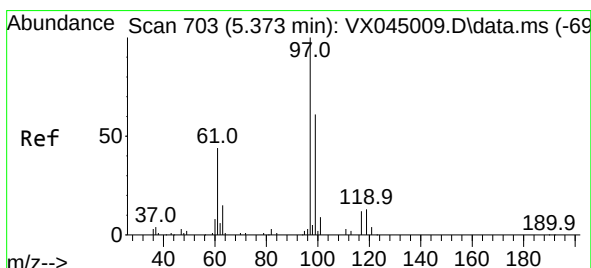
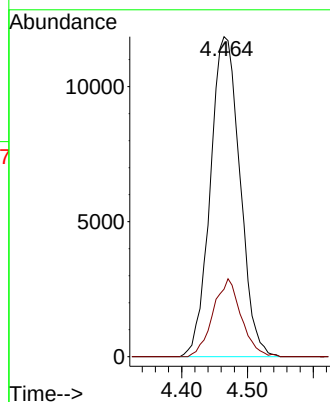
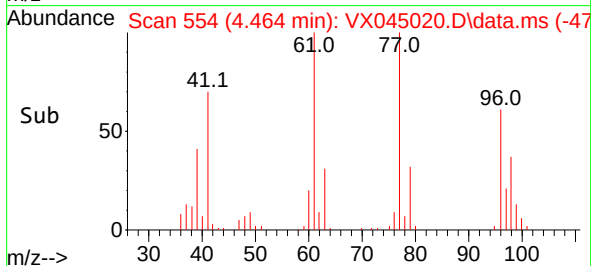
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



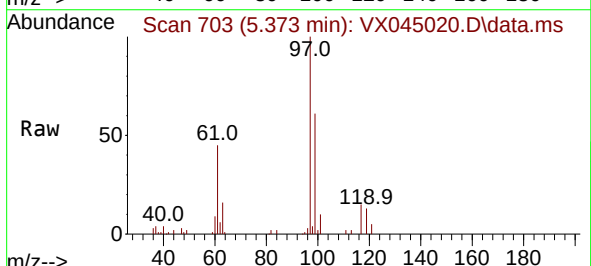
Tgt Ion: 77 Resp: 37190
Ion Ratio Lower Upper
77 100
97 22.9 18.0 27.0

Manual Integrations
APPROVED

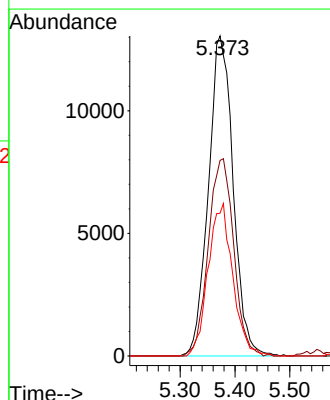
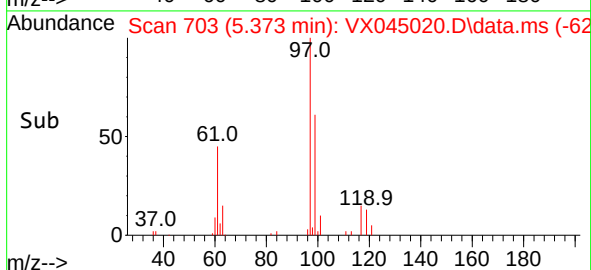
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

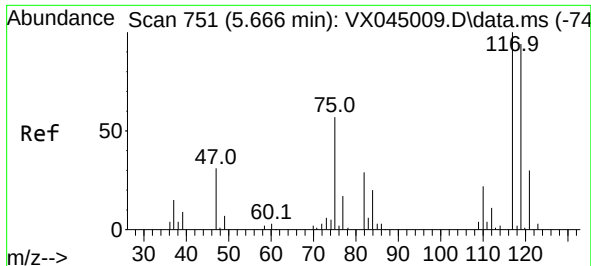


#32
1,1,1-Trichloroethane
Concen: 19.462 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



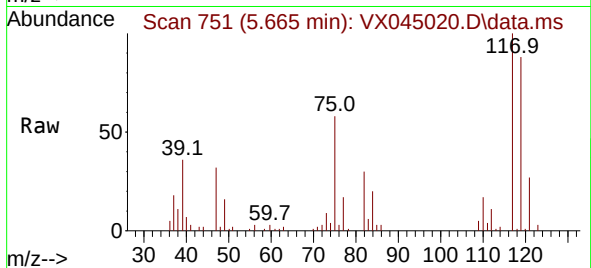
Tgt Ion: 97 Resp: 40855
Ion Ratio Lower Upper
97 100
99 63.3 52.2 78.2
61 46.8 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.501 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

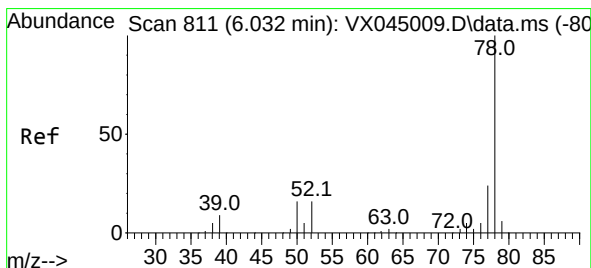
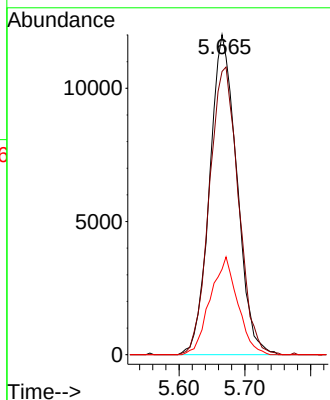
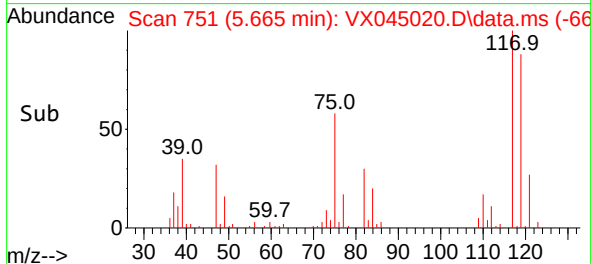
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



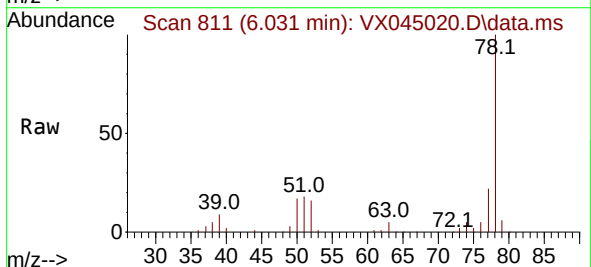
Tgt Ion:117 Resp: 34550
Ion Ratio Lower Upper
117 100
119 88.5 75.1 112.7
121 26.7 23.9 35.9

Manual Integrations
APPROVED

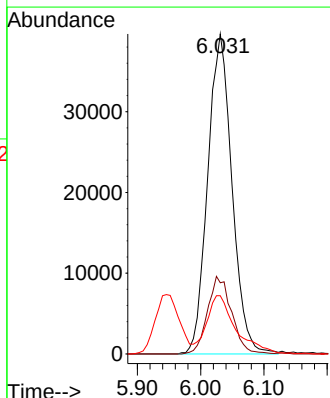
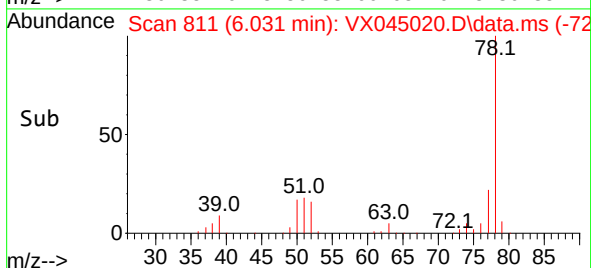
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

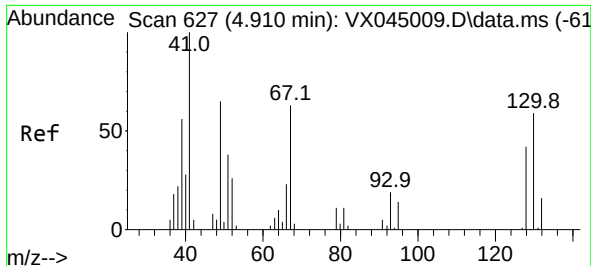


#34
Benzene
Concen: 19.477 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



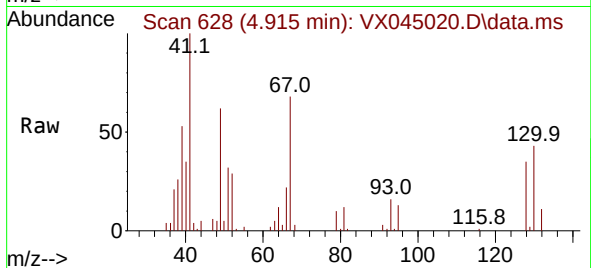
Tgt Ion: 78 Resp: 105827
Ion Ratio Lower Upper
78 100
77 22.2 19.6 29.4
51 17.8 13.8 20.6





#35
Methacrylonitrile
Concen: 19.909 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

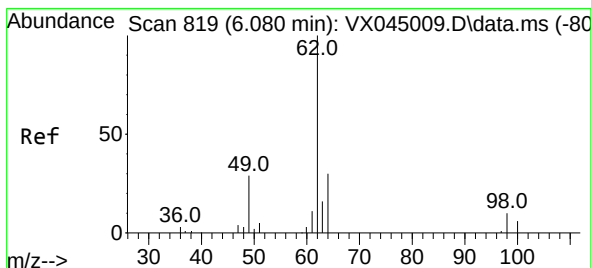
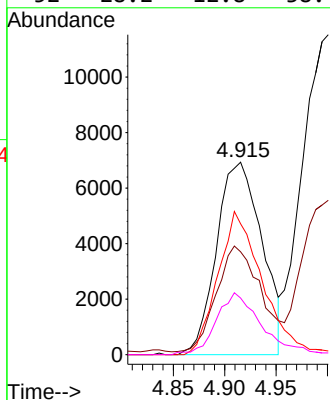
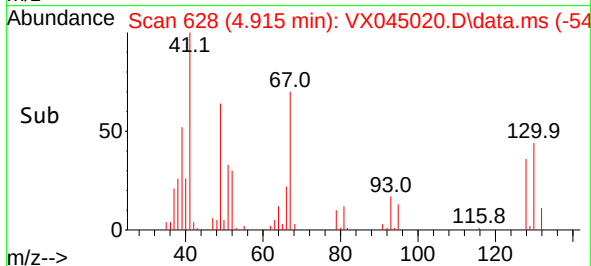
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 21320
Ion Ratio Lower Upper
41 100
39 51.8 27.8 83.4
67 68.0 31.5 94.5
52 28.2 12.8 38.4

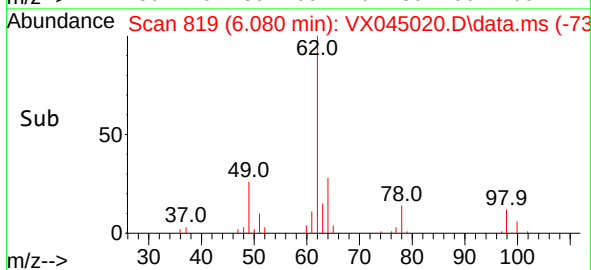
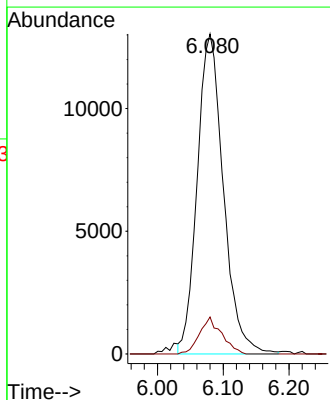
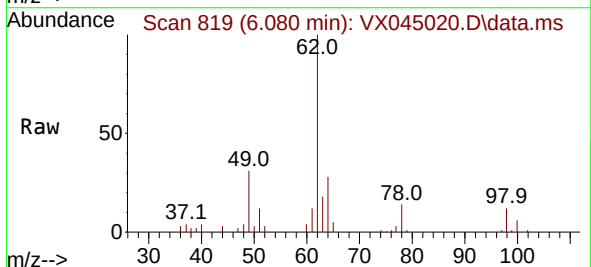
Manual Integrations
APPROVED

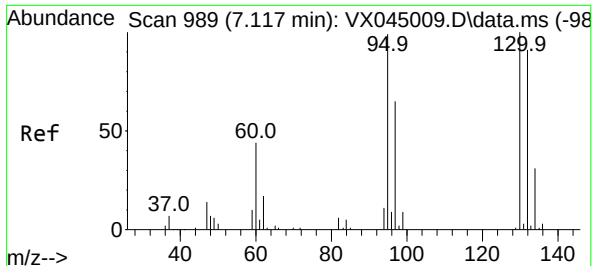
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 19.358 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

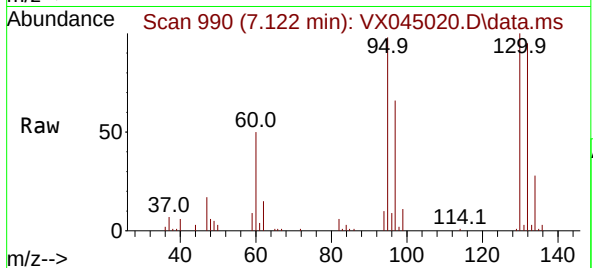
Tgt Ion: 62 Resp: 36009
Ion Ratio Lower Upper
62 100
98 9.8 7.9 11.9





#37
Trichloroethene
Concen: 19.049 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

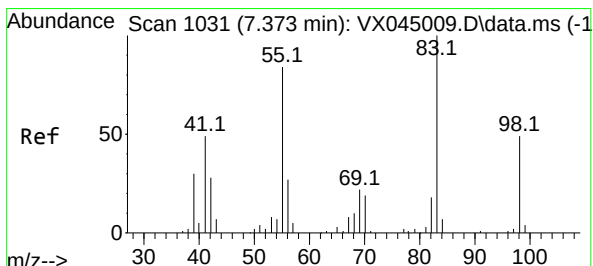
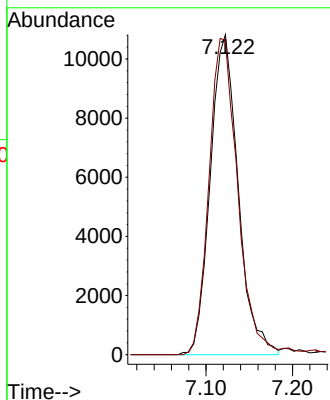
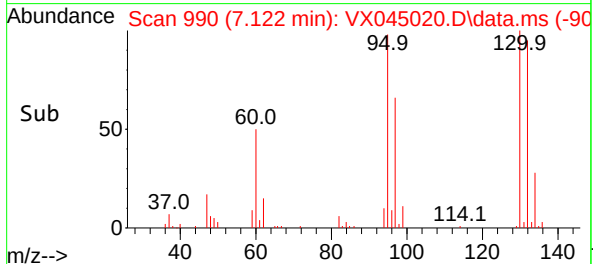
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



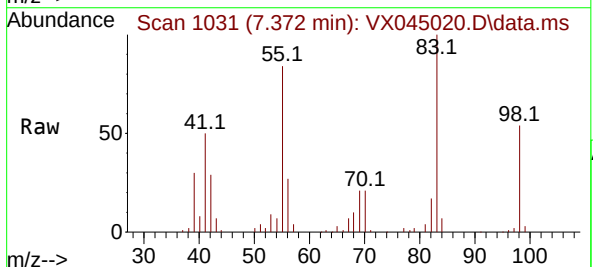
Tgt Ion:130 Resp: 24214
Ion Ratio Lower Upper
130 100
95 98.3 79.0 118.4

Manual Integrations
APPROVED

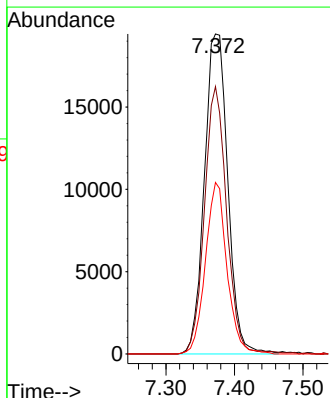
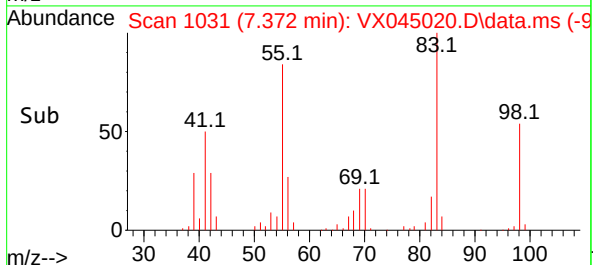
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

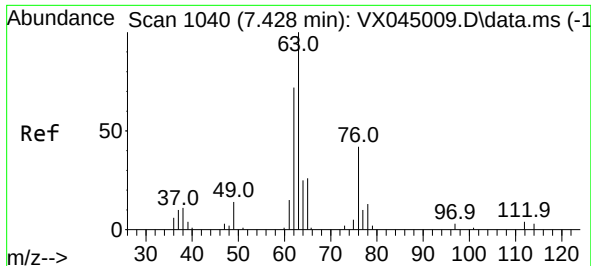


#38
Methylcyclohexane
Concen: 19.902 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



Tgt Ion: 83 Resp: 46299
Ion Ratio Lower Upper
83 100
55 78.3 40.6 122.0
98 49.4 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.002 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 27019

Ion Ratio Lower Upper

63 100

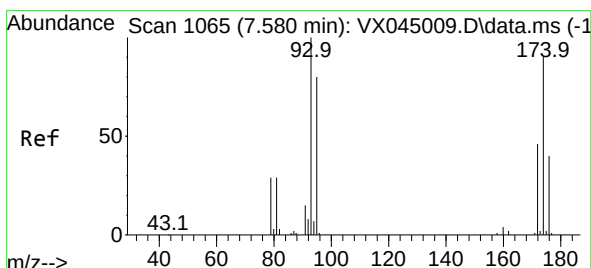
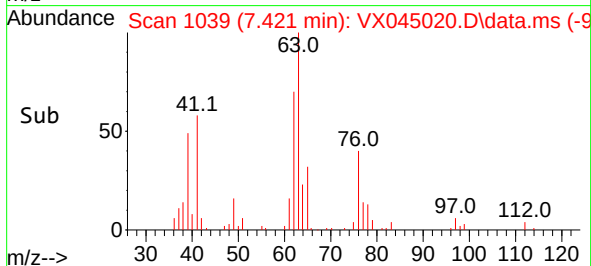
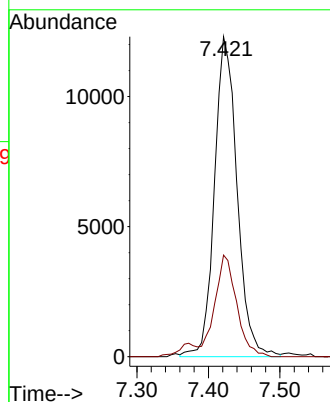
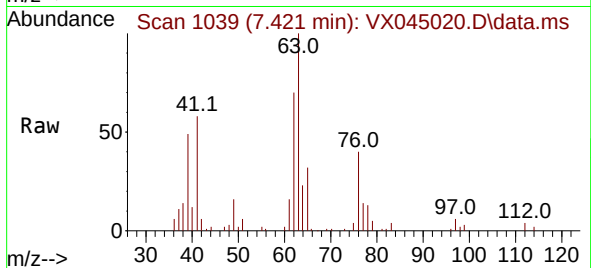
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 19.545 ug/l

RT: 7.573 min Scan# 1064

Delta R.T. -0.007 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

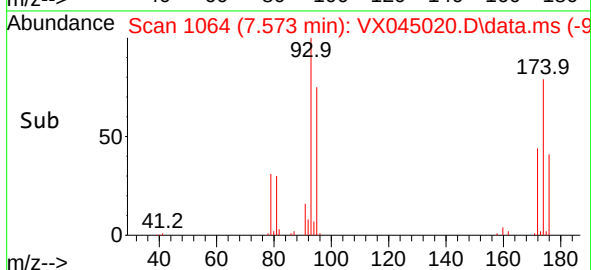
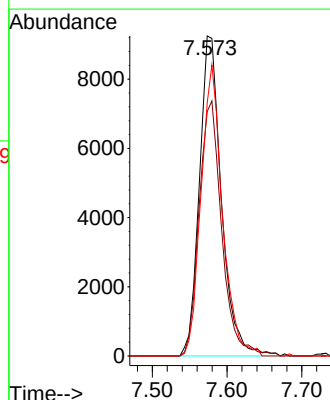
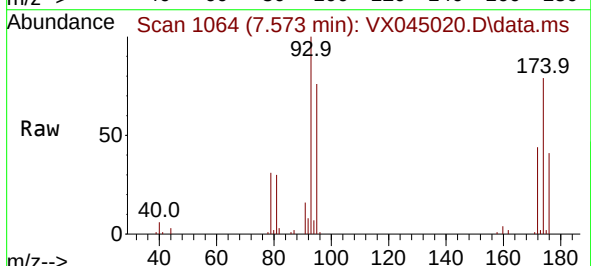
Tgt Ion: 93 Resp: 18946

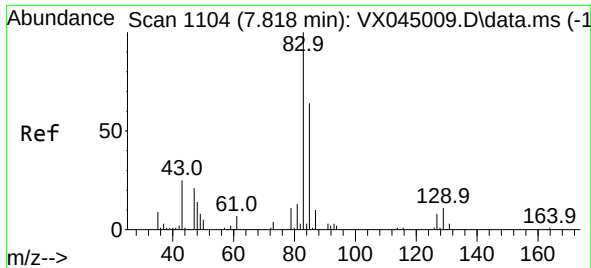
Ion Ratio Lower Upper

93 100

95 81.8 0.0 162.6

174 88.1 0.0 178.8





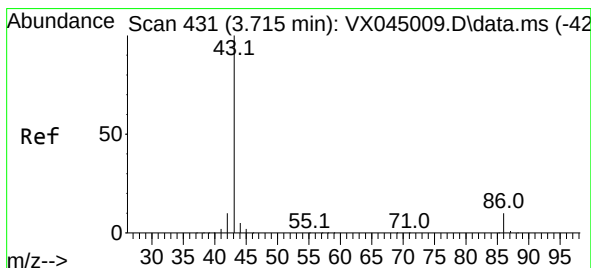
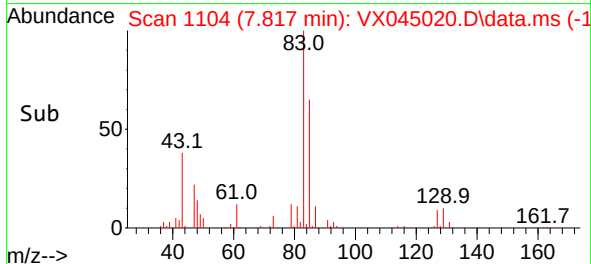
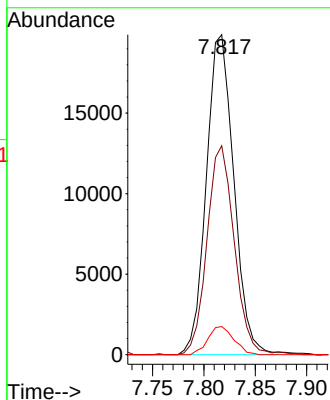
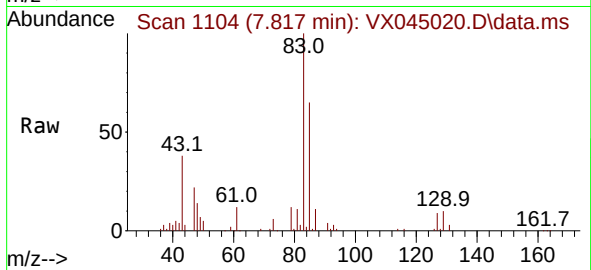
#41
Bromodichloromethane
Concen: 19.189 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3696
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 8.8 6.1 9.1

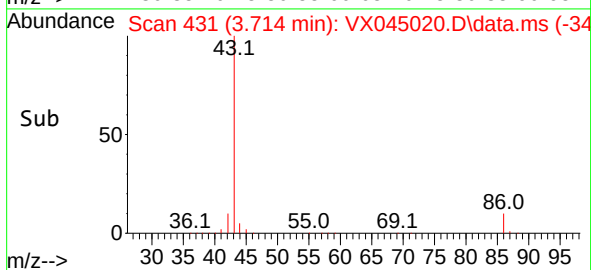
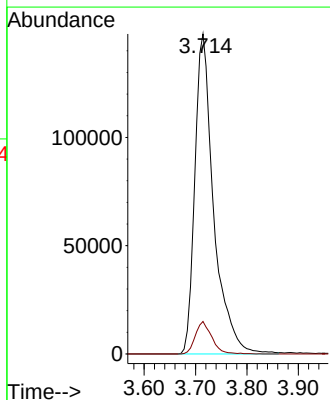
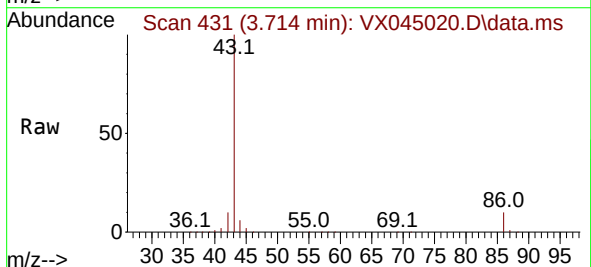
Manual Integrations
APPROVED

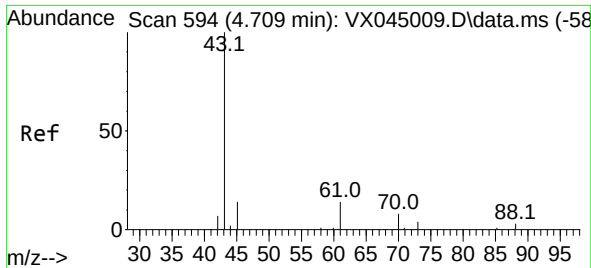
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 97.042 ug/l
RT: 3.714 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

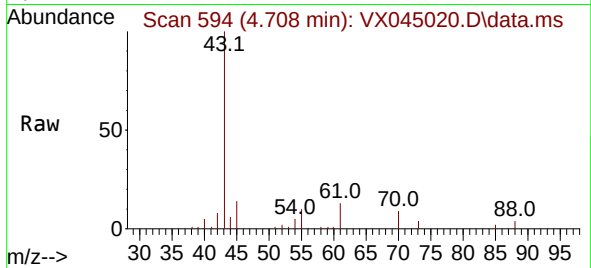
Tgt Ion: 43 Resp: 376854
Ion Ratio Lower Upper
43 100
86 8.7 7.0 10.4





#43
Ethyl Acetate
Concen: 20.579 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

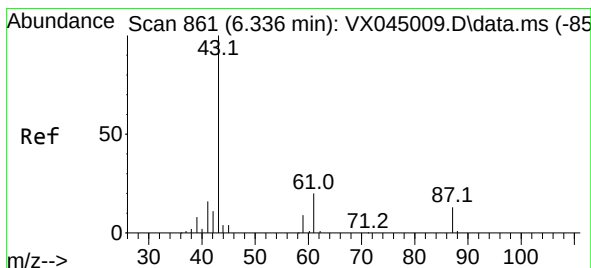
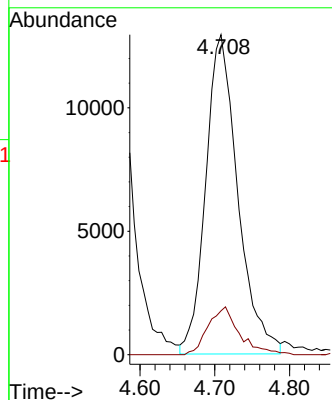
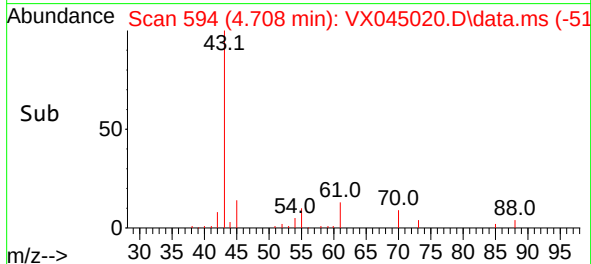
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 38620
Ion Ratio Lower Upper
43 100
45 14.6 12.7 19.1

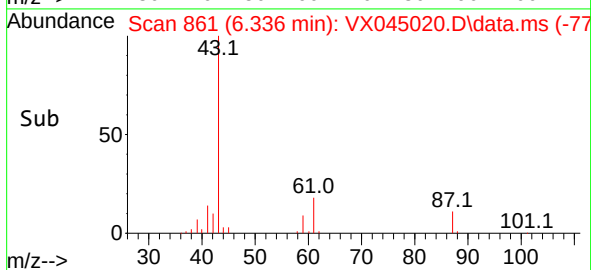
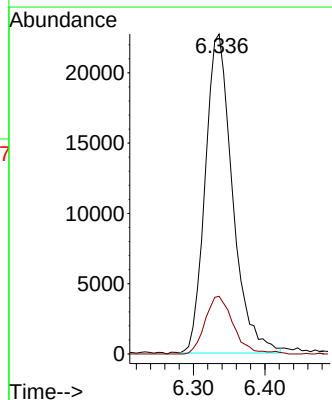
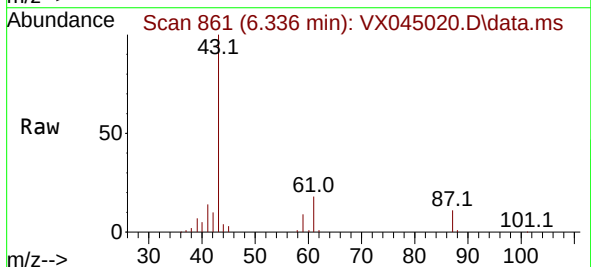
Manual Integrations
APPROVED

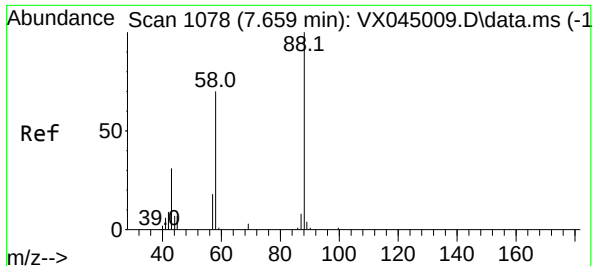
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 19.450 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

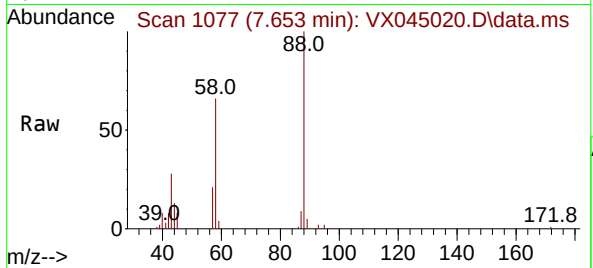
Tgt Ion: 43 Resp: 60076
Ion Ratio Lower Upper
43 100
61 18.5 15.5 23.3





#45
1,4-Dioxane
Concen: 423.114 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.007 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

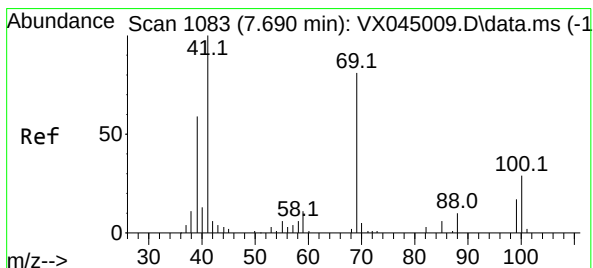
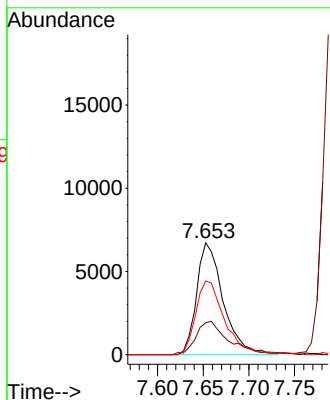
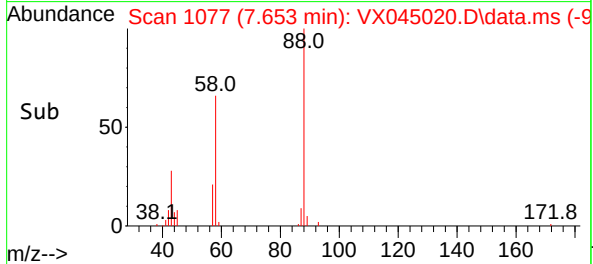
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 13580
Ion Ratio Lower Upper
88 100
43 35.3 29.6 44.4
58 70.8 56.2 84.4

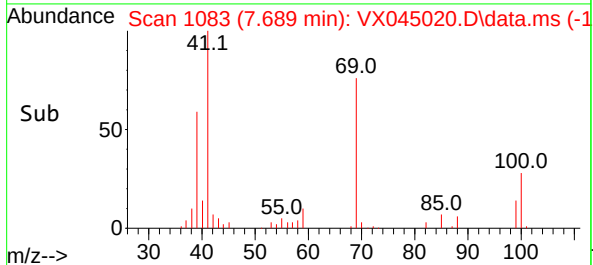
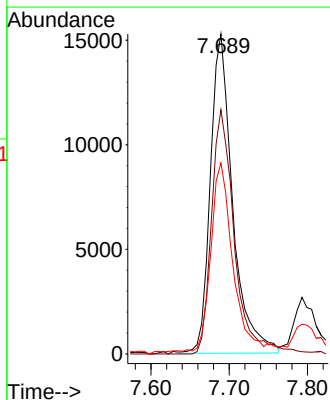
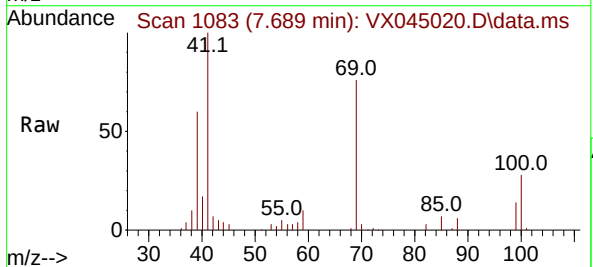
Manual Integrations
APPROVED

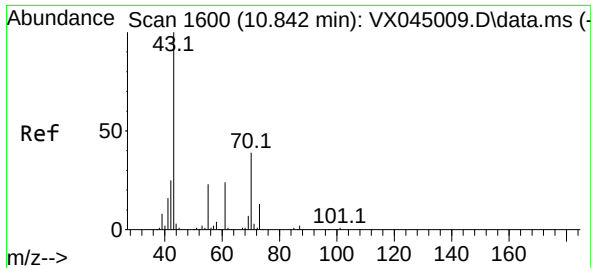
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 19.916 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

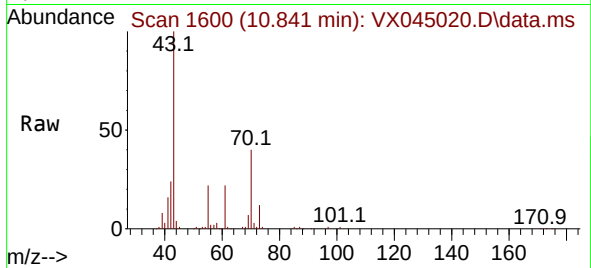
Tgt Ion: 41 Resp: 30164
Ion Ratio Lower Upper
41 100
69 76.7 40.7 122.1
39 59.1 29.5 88.5





#47
n-amyl acetate
Concen: 19.702 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

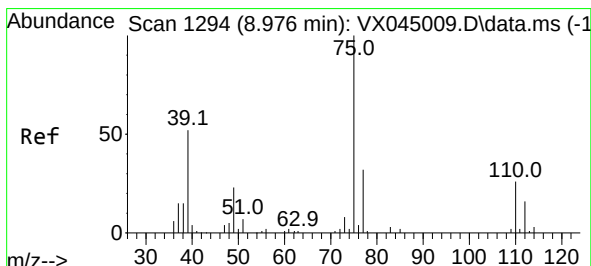
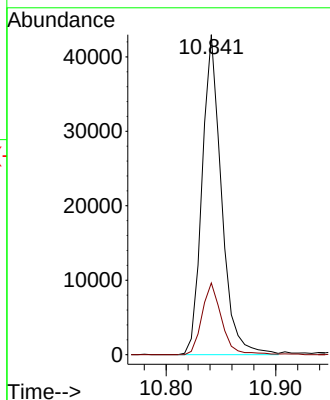
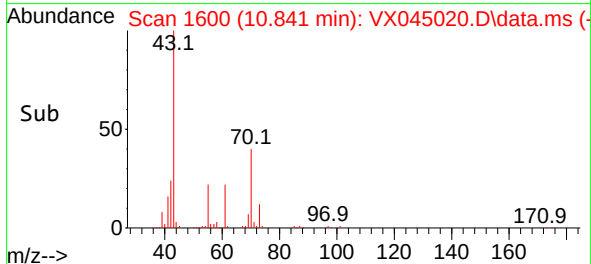
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 52809
Ion Ratio Lower Upper
43 100
55 22.6 18.6 27.8

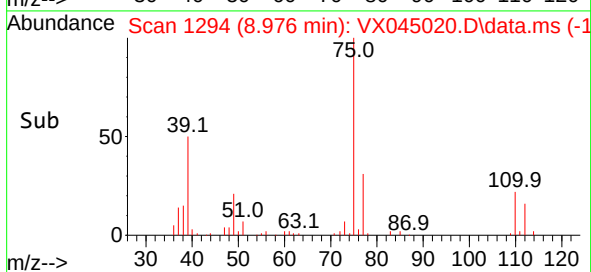
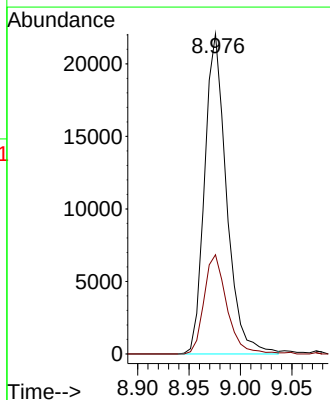
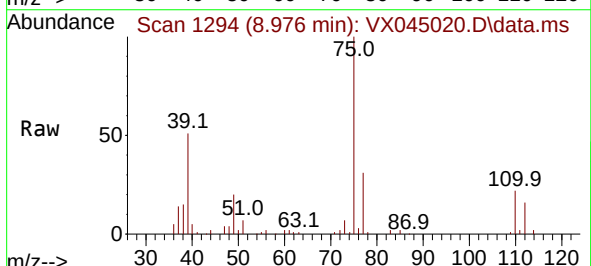
Manual Integrations
APPROVED

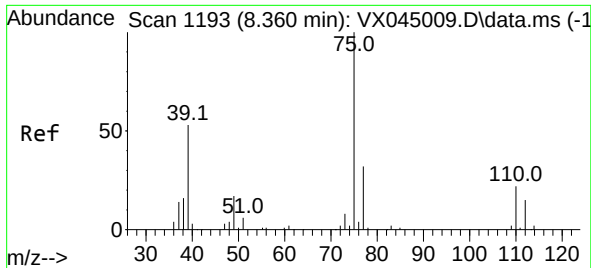
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 17.622 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 75 Resp: 32723
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 18.626 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3915

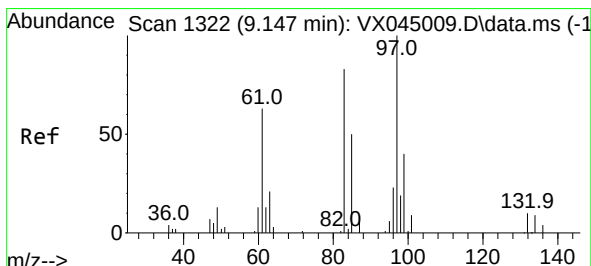
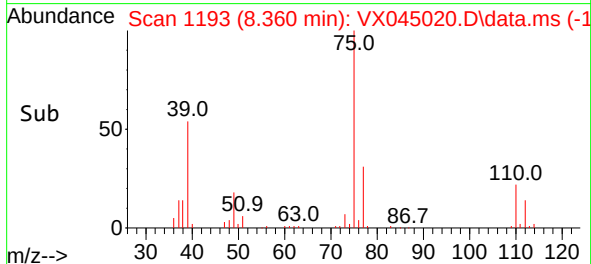
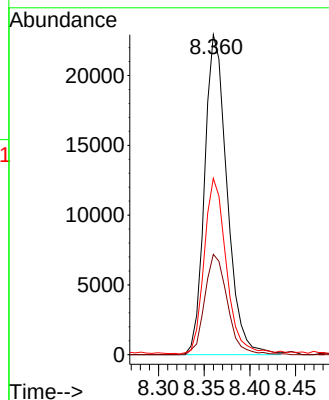
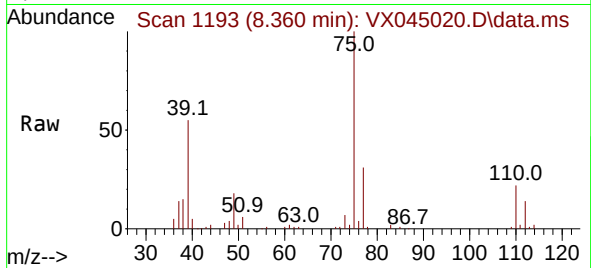
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	54.8	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 19.550 ug/l

RT: 9.146 min Scan# 1322

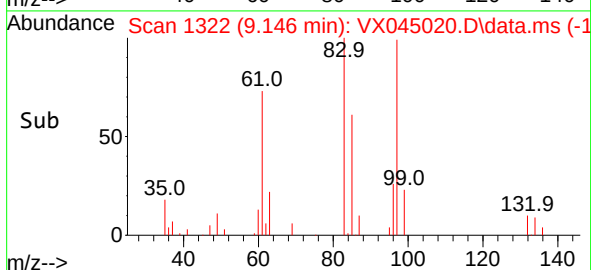
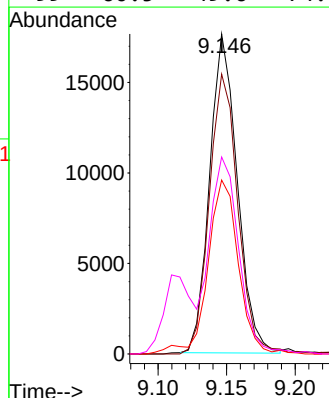
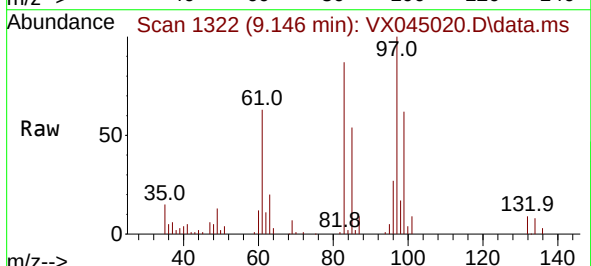
Delta R.T. -0.000 min

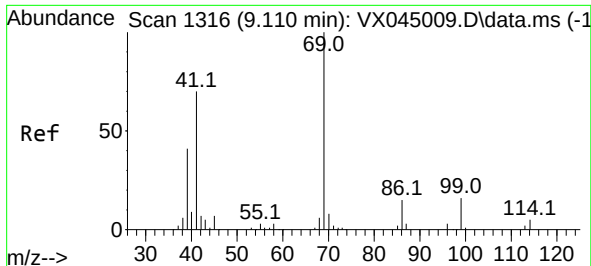
Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Tgt Ion: 97 Resp: 24719

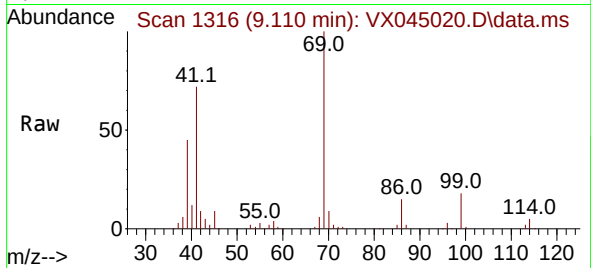
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.0	99.0
85	53.4	42.5	63.7
99	60.5	49.6	74.4





#51
Ethyl methacrylate
Concen: 19.062 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

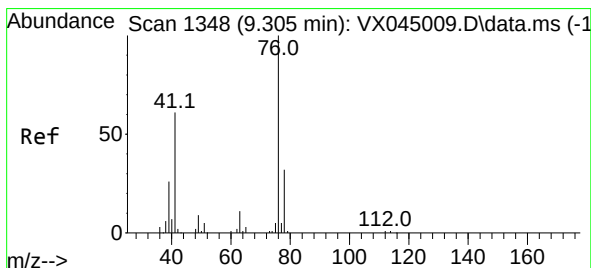
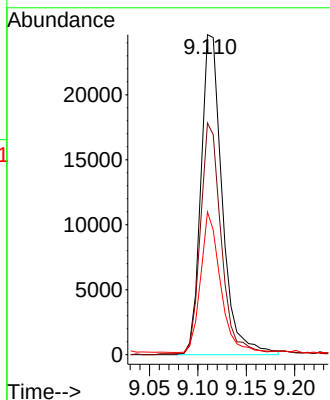
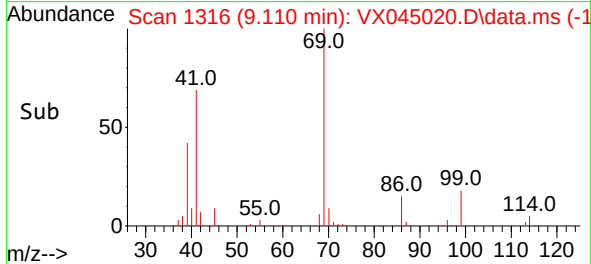
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



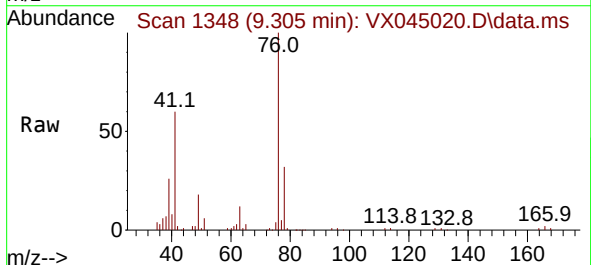
Tgt Ion: 69 Resp: 37900
Ion Ratio Lower Upper
69 100
41 72.0 35.1 105.3
39 43.9 20.5 61.6

Manual Integrations
APPROVED

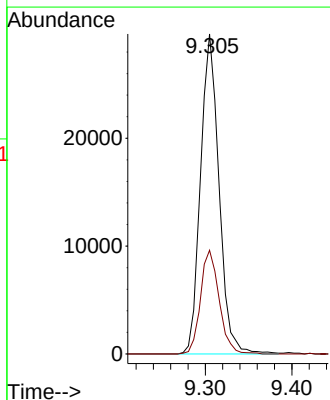
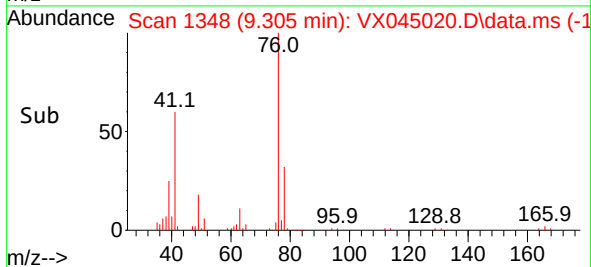
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

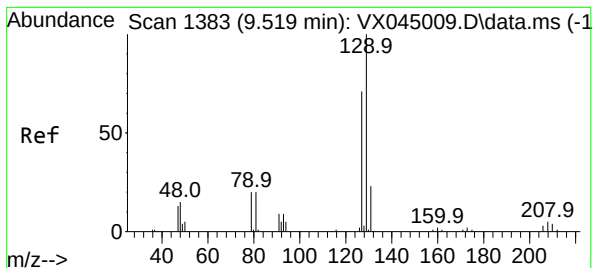


#52
1,3-Dichloropropane
Concen: 19.846 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



Tgt Ion: 76 Resp: 43968
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.6





#53

Dibromochloromethane

Concen: 18.857 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 2636

Ion Ratio Lower Upper

129 100

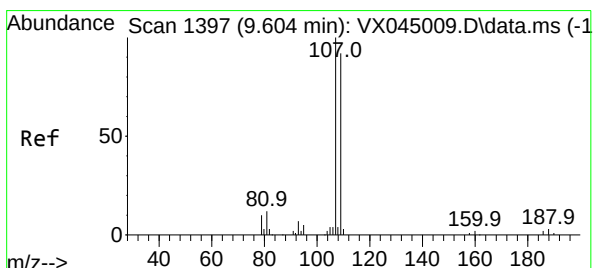
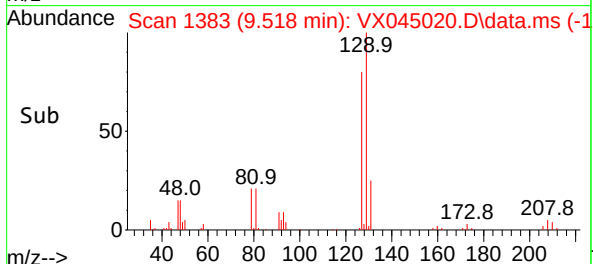
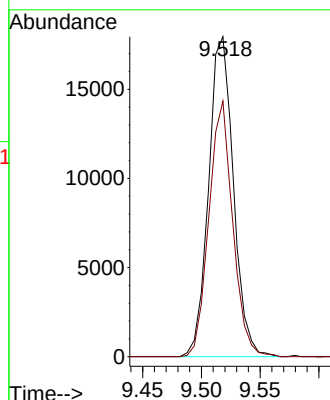
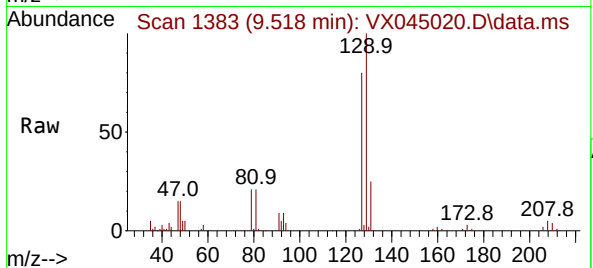
127 76.5 37.3 111.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#54

1,2-Dibromoethane

Concen: 19.609 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX045020.D

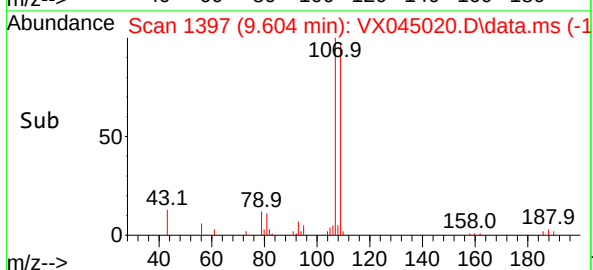
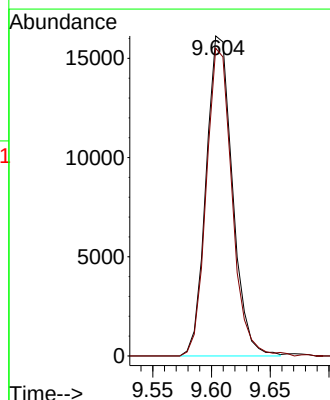
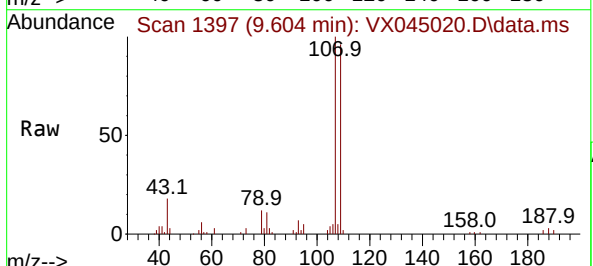
Acq: 21 Feb 2025 16:05

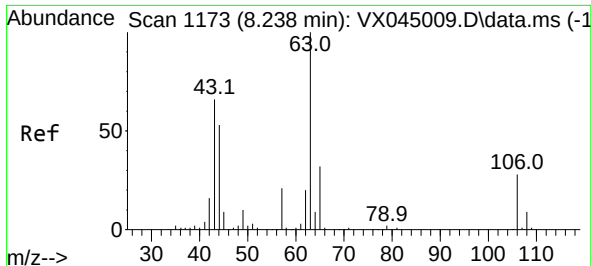
Tgt Ion:107 Resp: 25176

Ion Ratio Lower Upper

107 100

109 93.5 75.8 113.8





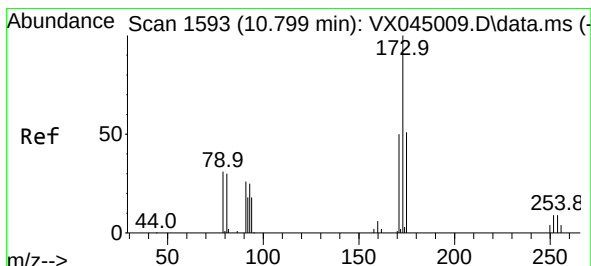
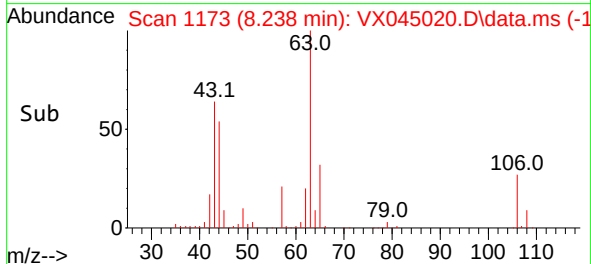
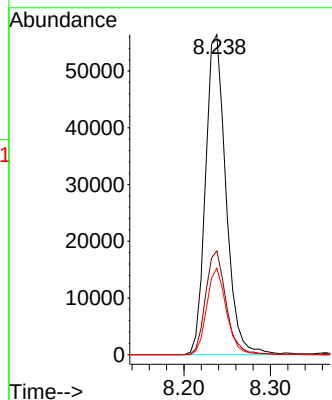
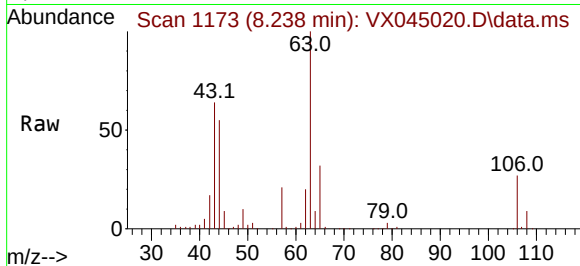
#55
2-Chloroethyl vinyl ether
Concen: 90.325 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 92236
Ion Ratio Lower Upper
63 100
65 32.6 26.2 39.2
106 26.0 21.2 31.8

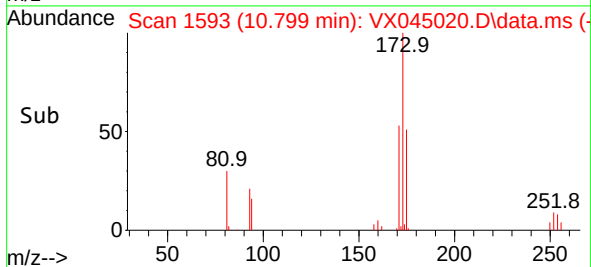
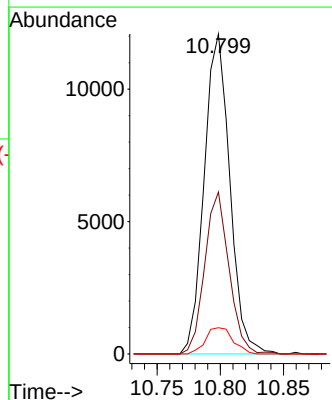
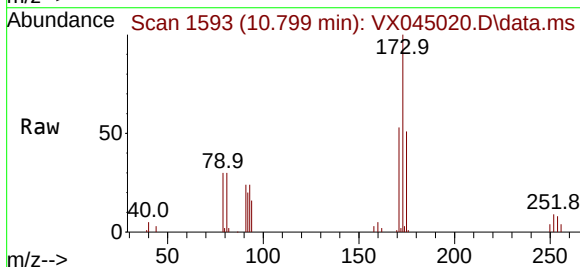
Manual Integrations
APPROVED

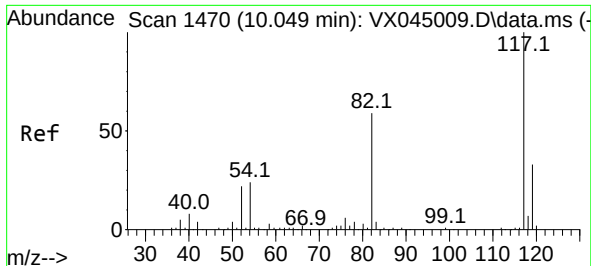
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 19.428 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion:173 Resp: 17024
Ion Ratio Lower Upper
173 100
175 47.8 39.6 59.4
254 8.8 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: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 87280

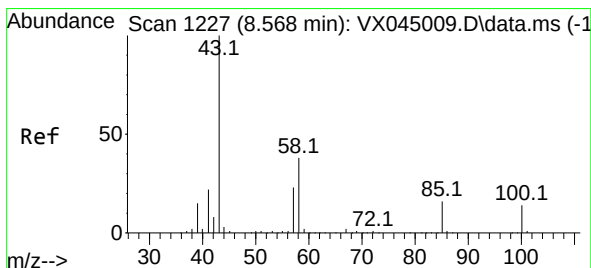
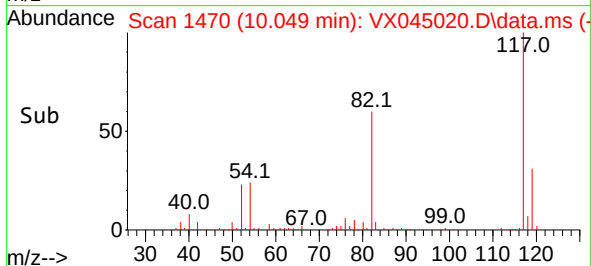
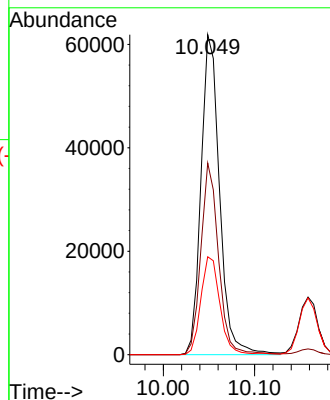
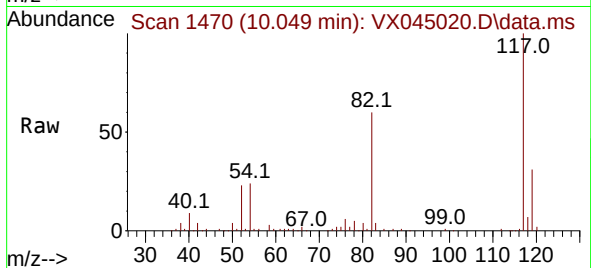
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.3	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 103.451 ug/l

RT: 8.567 min Scan# 1227

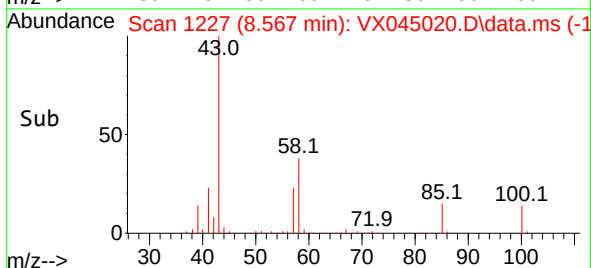
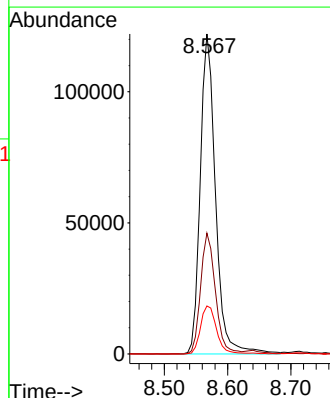
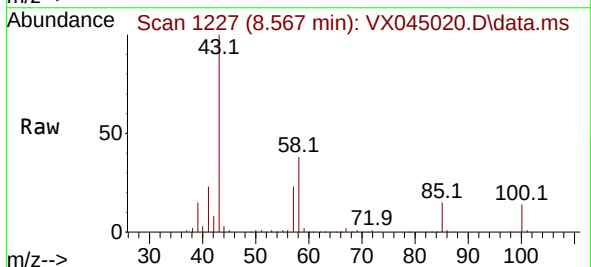
Delta R.T. -0.000 min

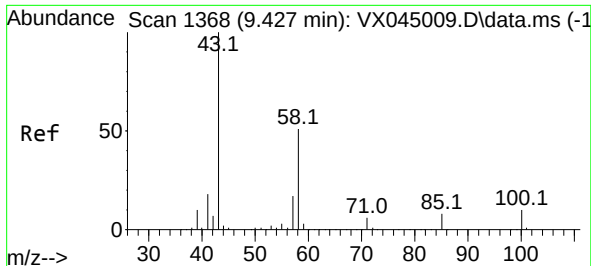
Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Tgt Ion: 43 Resp: 205410

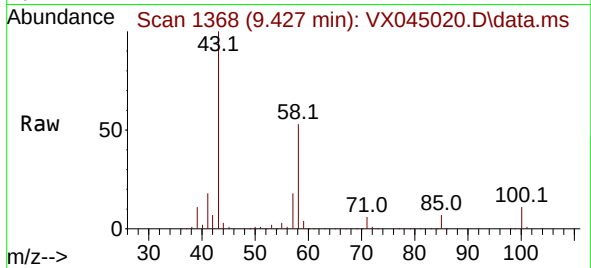
Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.5	44.3
85	15.8	12.9	19.3





#59
2-Hexanone
Concen: 104.109 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

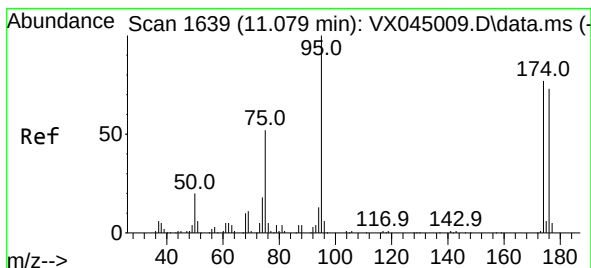
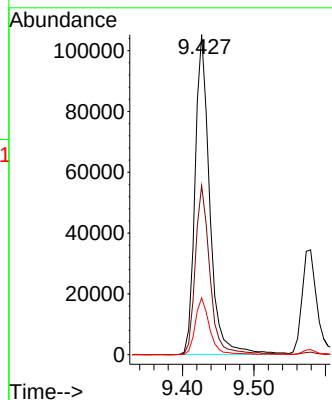
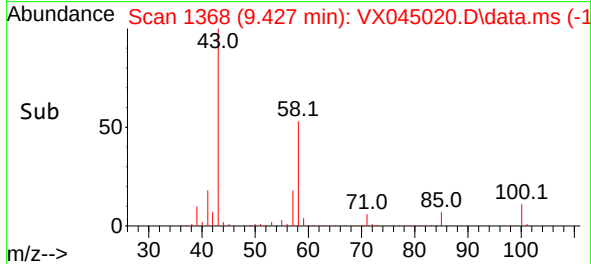
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 149410
Ion Ratio Lower Upper
43 100
58 52.2 41.6 62.4
57 17.4 13.8 20.6

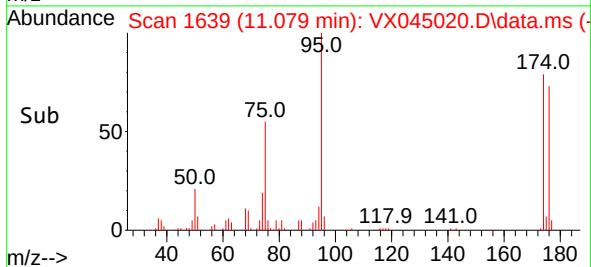
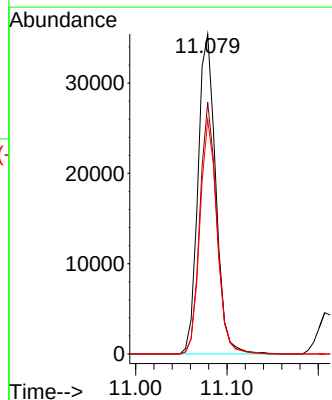
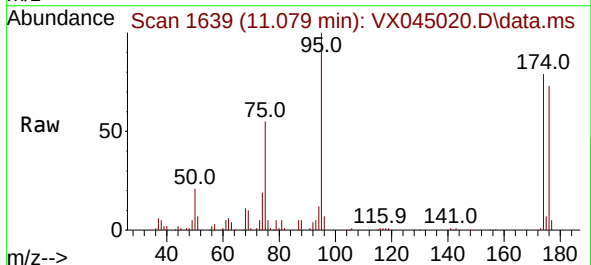
Manual Integrations
APPROVED

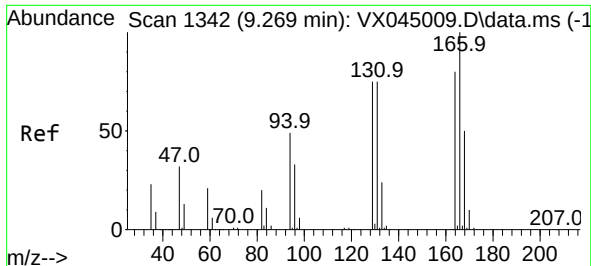
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 29.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

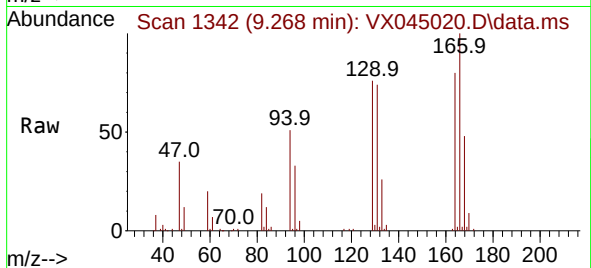
Tgt Ion: 95 Resp: 47785
Ion Ratio Lower Upper
95 100
174 74.9 59.5 89.3
176 70.7 55.5 83.3





#61
Tetrachloroethene
Concen: 19.875 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

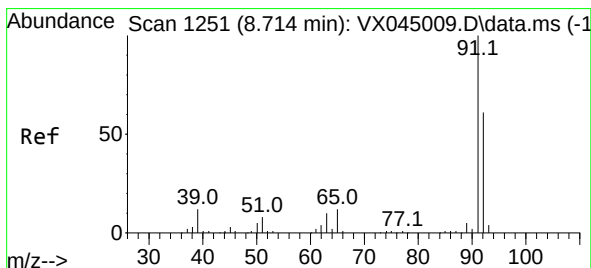
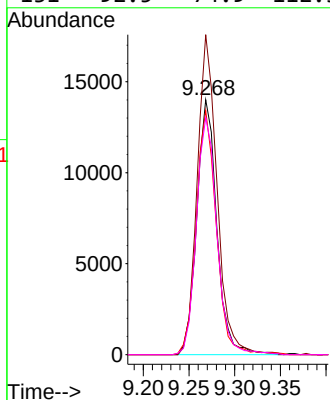
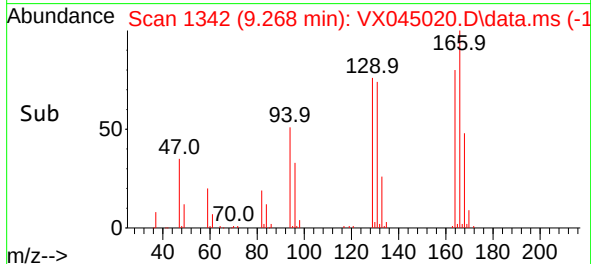
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



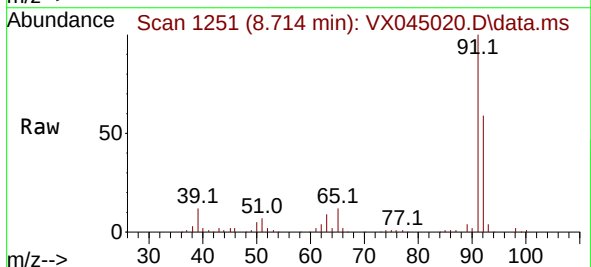
Tgt Ion:164 Resp: 2136
Ion Ratio Lower Upper
164 100
166 125.5 100.3 150.5
129 95.2 75.5 113.3
131 92.5 74.9 112.3

Manual Integrations
APPROVED

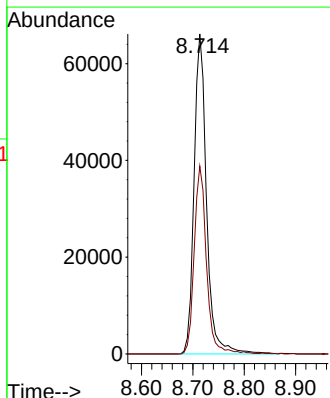
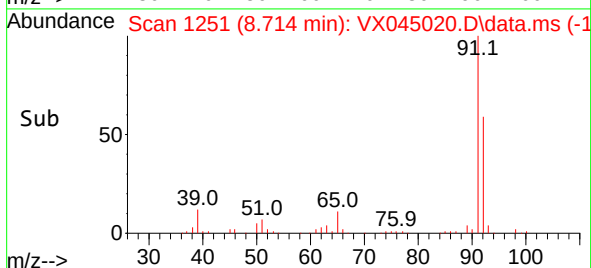
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

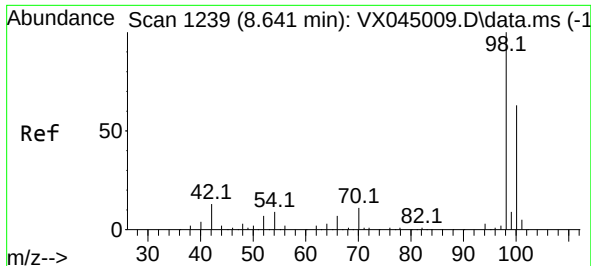


#62
Toluene
Concen: 19.314 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



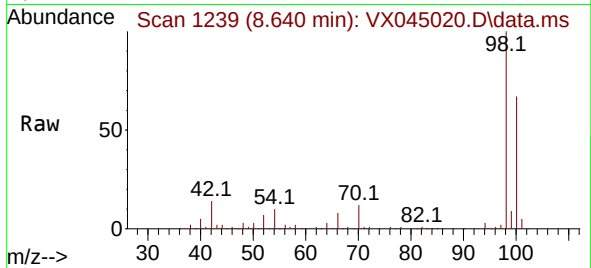
Tgt Ion: 91 Resp: 111676
Ion Ratio Lower Upper
91 100
92 56.6 46.9 70.3





#63
Toluene-d8
Concen: 29.550 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

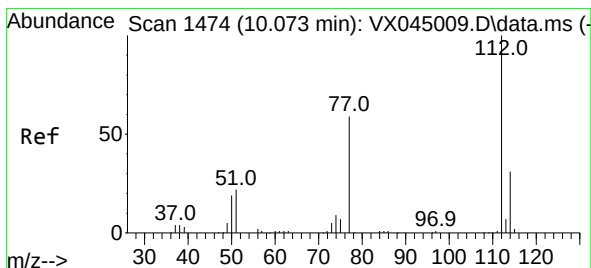
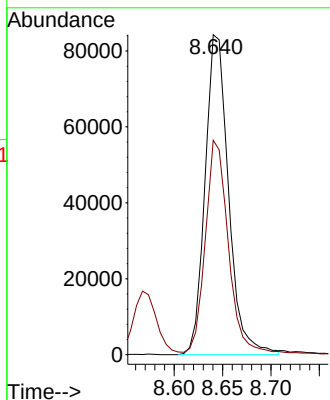
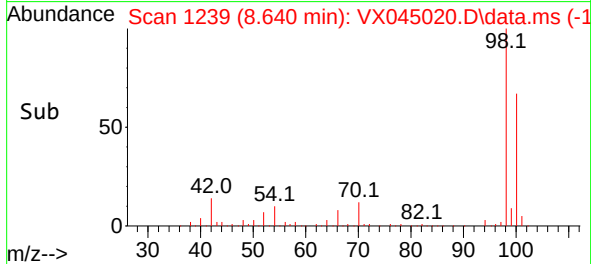
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



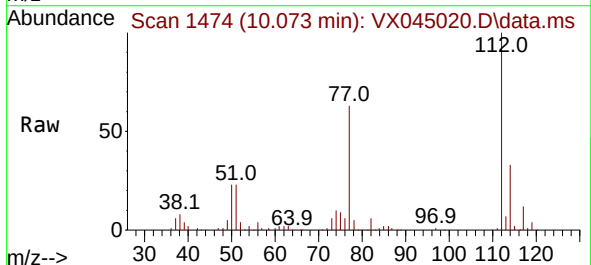
Tgt Ion: 98 Resp: 142693
Ion Ratio Lower Upper
98 100
100 67.1 51.7 77.5

Manual Integrations
APPROVED

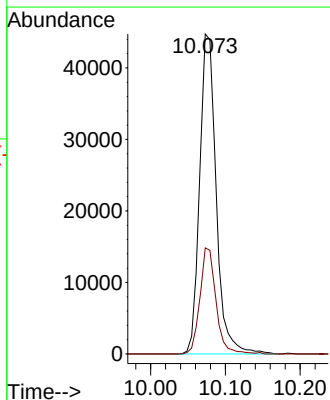
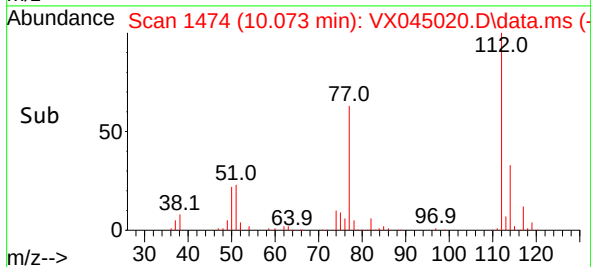
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

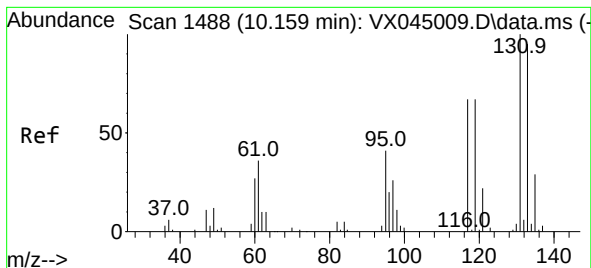


#64
Chlorobenzene
Concen: 19.225 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



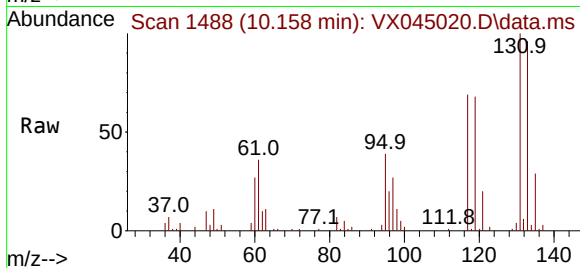
Tgt Ion:112 Resp: 68885
Ion Ratio Lower Upper
112 100
114 33.1 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.994 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

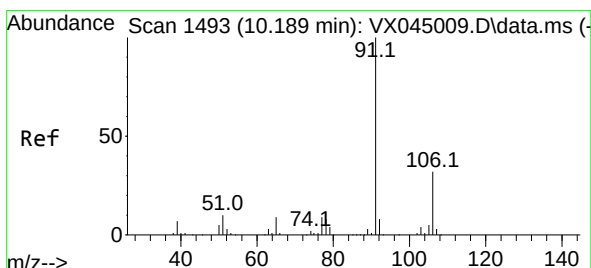
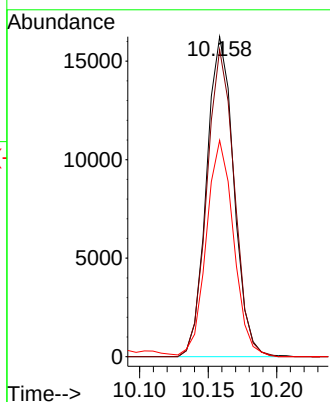
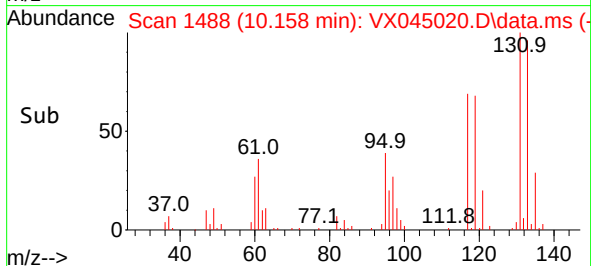
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 22450
Ion Ratio Lower Upper
131 100
133 96.3 0.0 187.8
119 67.7 0.0 133.0

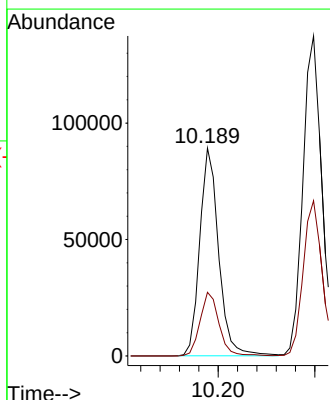
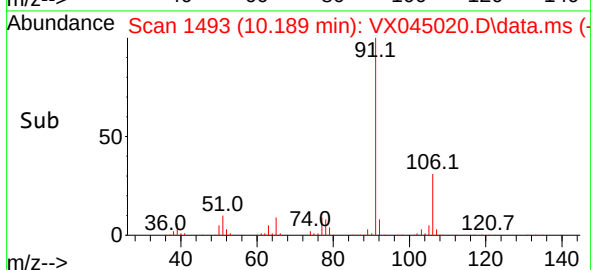
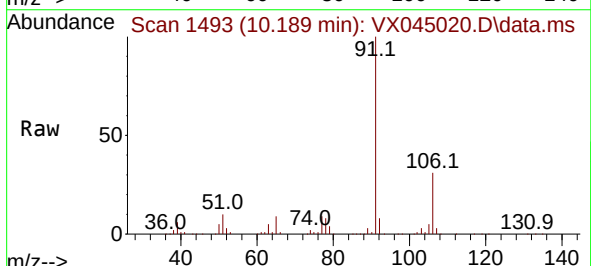
Manual Integrations
APPROVED

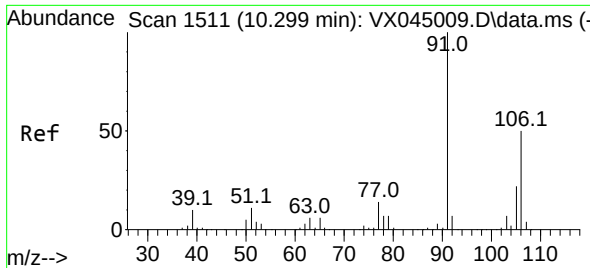
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 19.190 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 91 Resp: 121480
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2





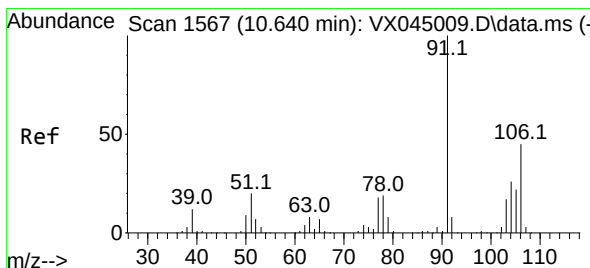
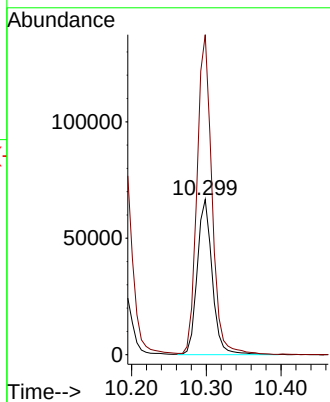
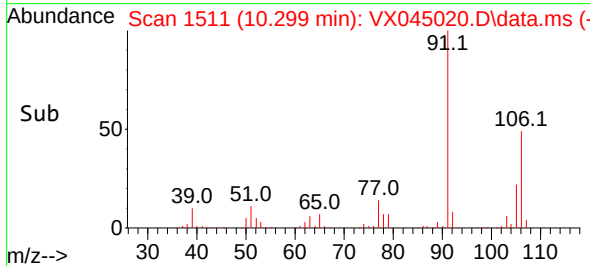
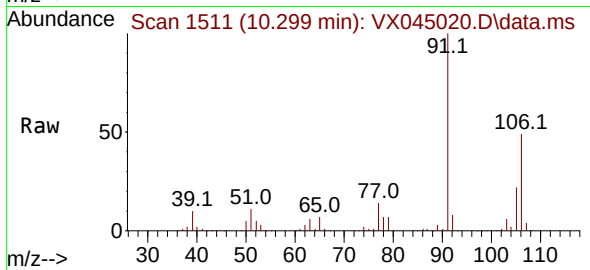
#67
m/p-Xylenes
Concen: 39.407 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 92945
Ion Ratio Lower Upper
106 100
91 204.9 163.7 245.5

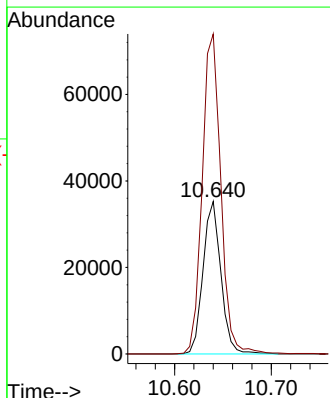
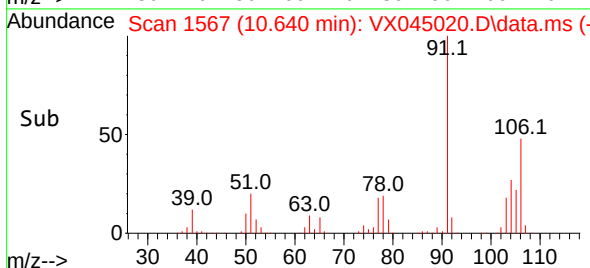
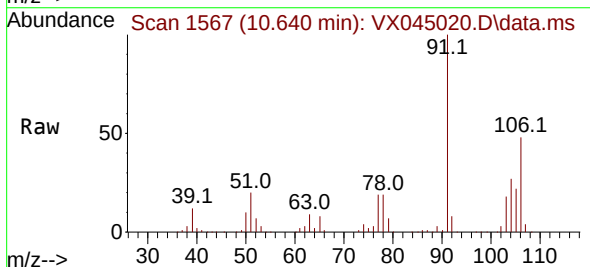
Manual Integrations
APPROVED

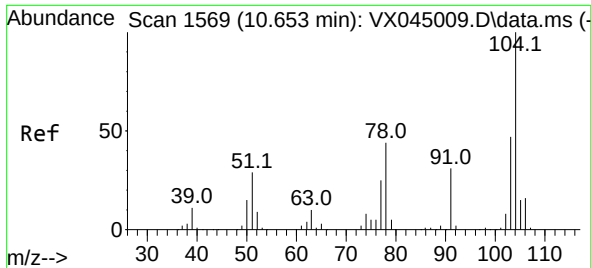
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 19.644 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

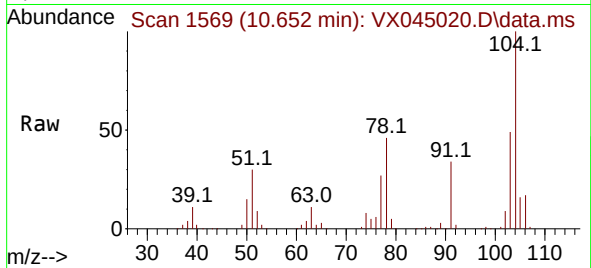
Tgt Ion:106 Resp: 45460
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.1





#69
Styrene
Concen: 19.315 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

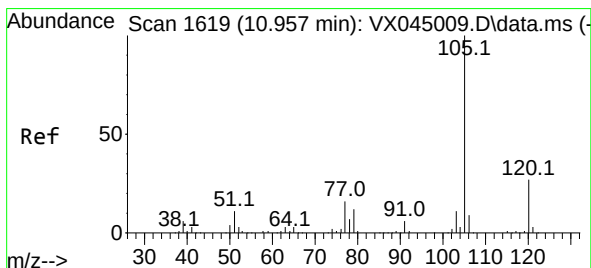
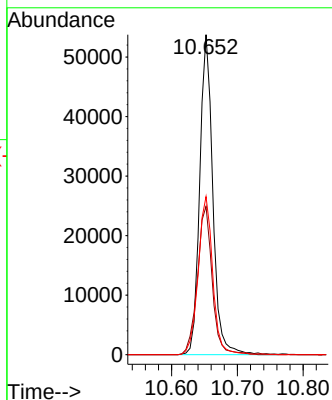
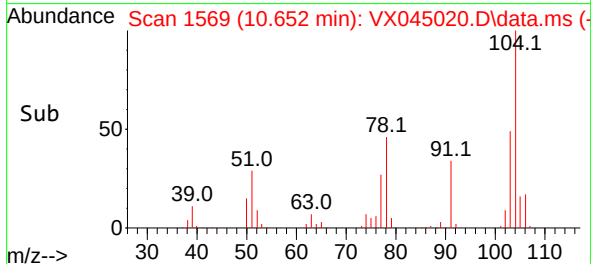
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



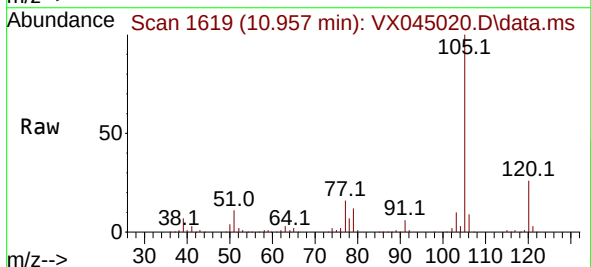
Tgt Ion:104 Resp: 74652
Ion Ratio Lower Upper
104 100
78 52.2 41.4 62.0
103 54.6 43.0 64.4

Manual Integrations
APPROVED

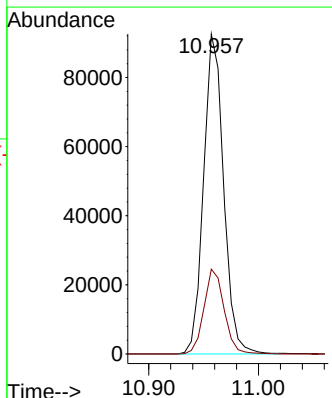
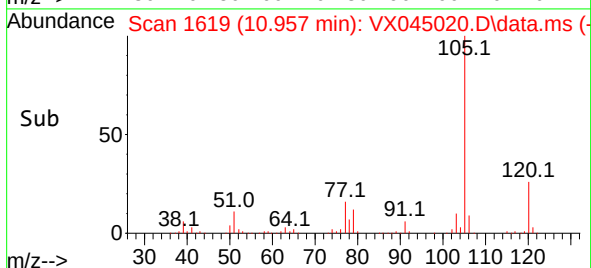
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

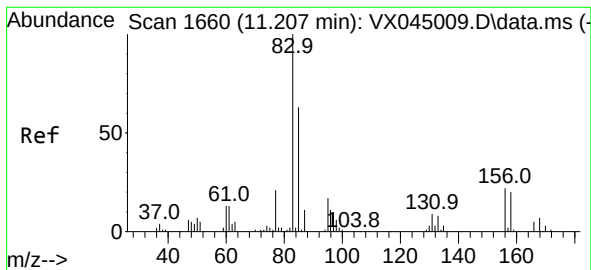


#70
Isopropylbenzene
Concen: 19.665 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



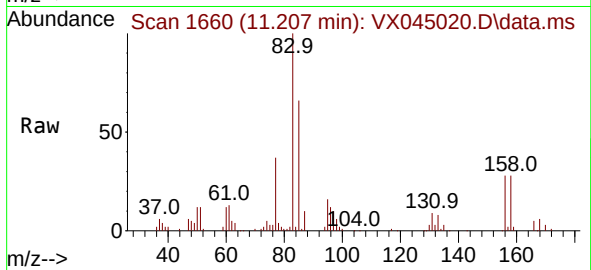
Tgt Ion:105 Resp: 117436
Ion Ratio Lower Upper
105 100
120 26.6 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.508 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

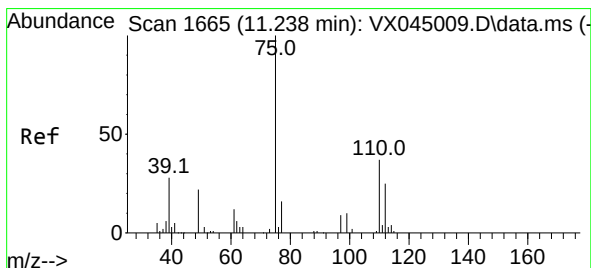
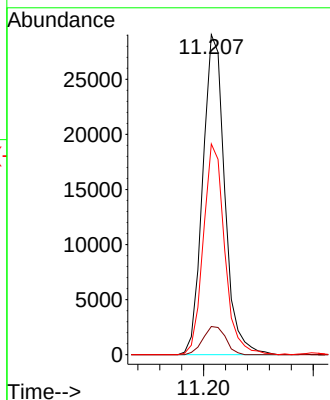
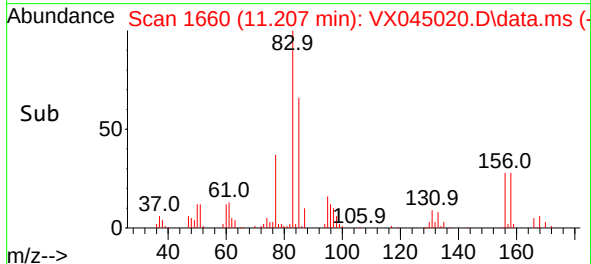
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



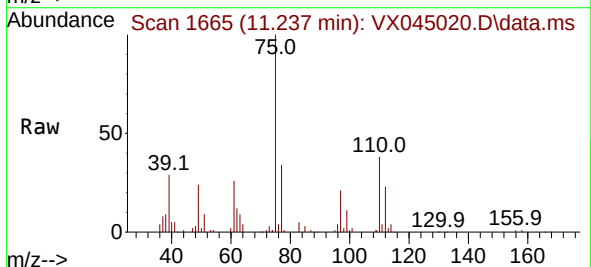
Tgt Ion: 83 Resp: 40272
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 63.9 32.3 96.8

Manual Integrations
APPROVED

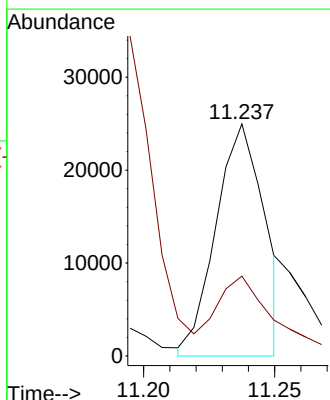
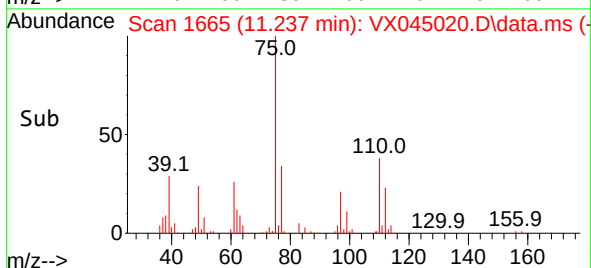
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

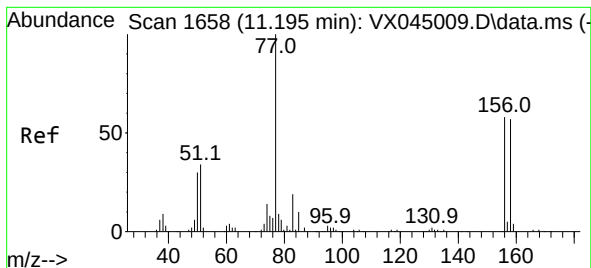


#72
1,2,3-Trichloropropane
Concen: 19.945 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



Tgt Ion: 75 Resp: 32215
Ion Ratio Lower Upper
75 100
77 41.6 0.0 84.0





#73

Bromobenzene

Concen: 19.486 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

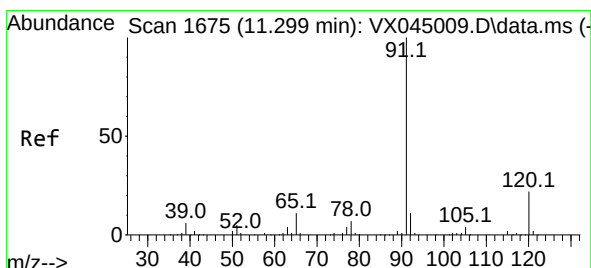
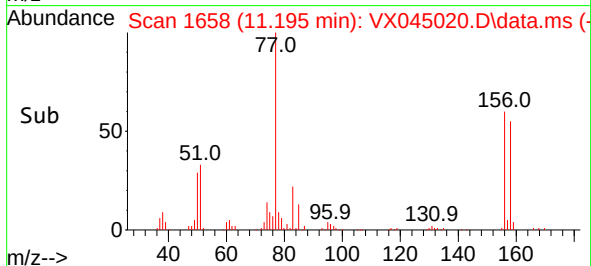
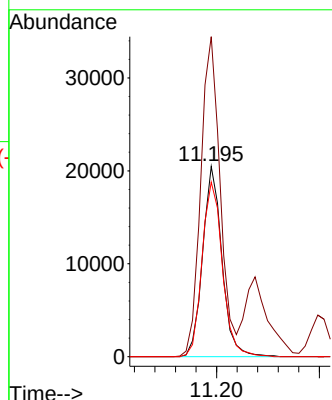
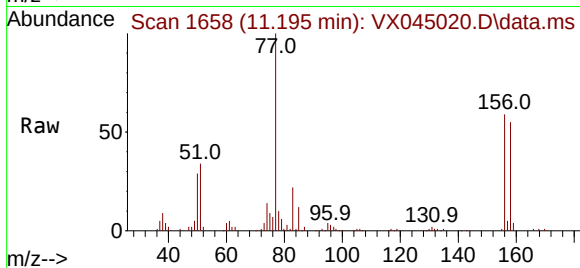
Tgt Ion:	156	Resp:	26789
Ion Ratio	Lower	Upper	
156	100		
77	169.4	0.0	347.2
158	96.7	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#74

n-propylbenzene

Concen: 19.222 ug/l

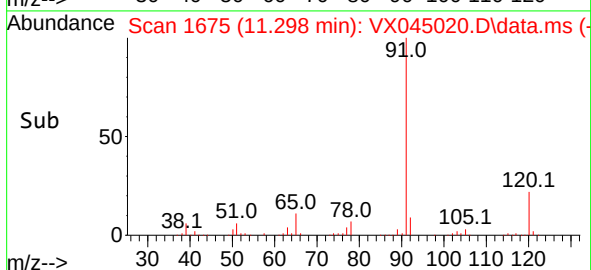
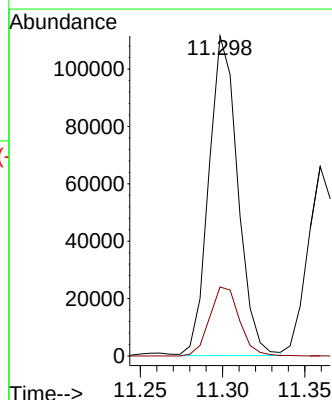
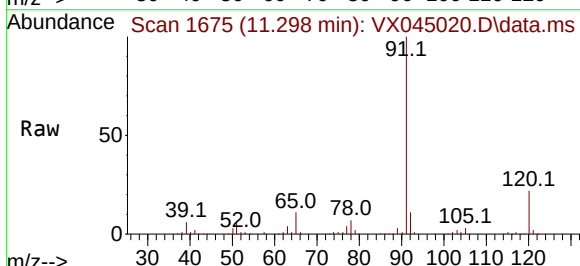
RT: 11.298 min Scan# 1675

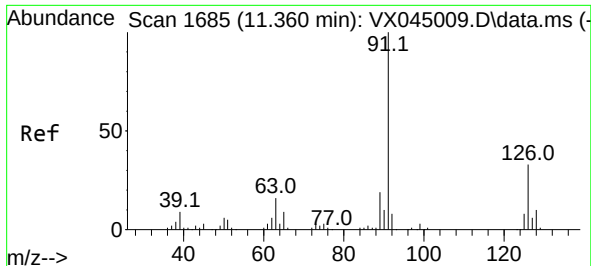
Delta R.T. -0.000 min

Lab File: VX045020.D

Acq: 21 Feb 2025 16:05

Tgt Ion:	91	Resp:	136602
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.2





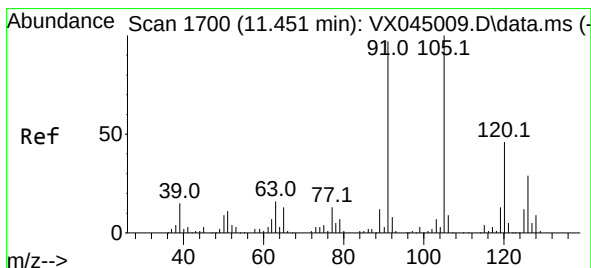
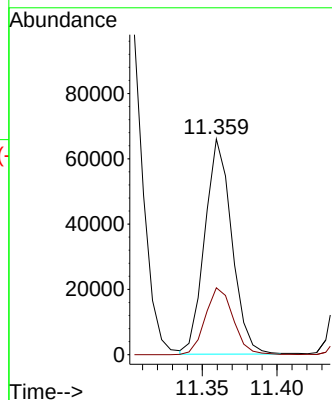
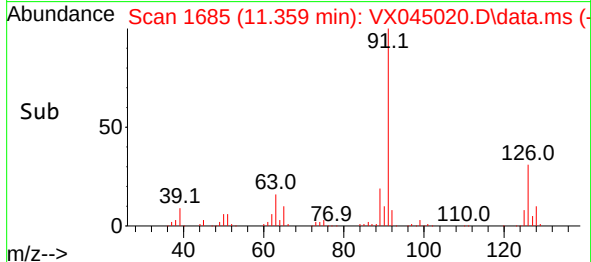
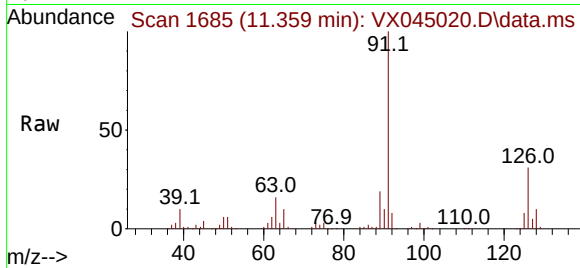
#75
2-Chlorotoluene
Concen: 19.291 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 82880
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.4

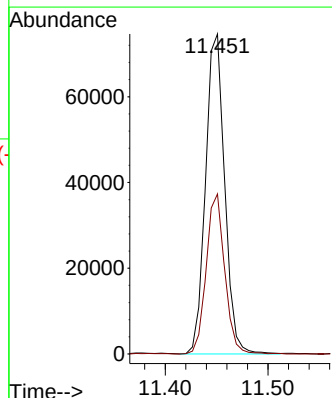
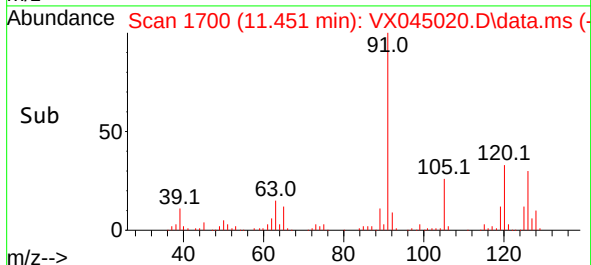
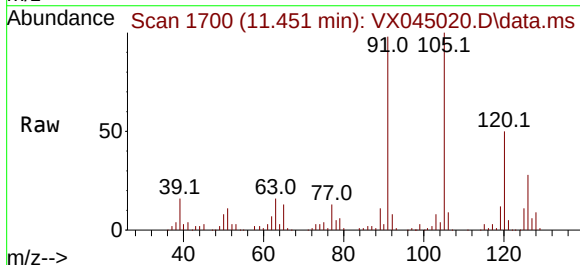
Manual Integrations
APPROVED

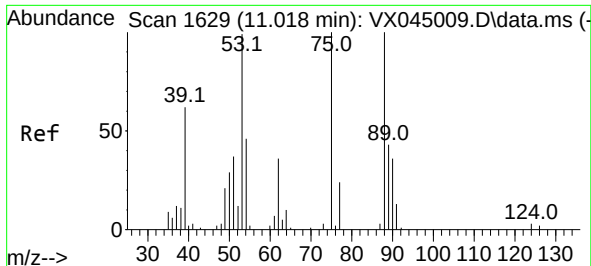
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.602 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

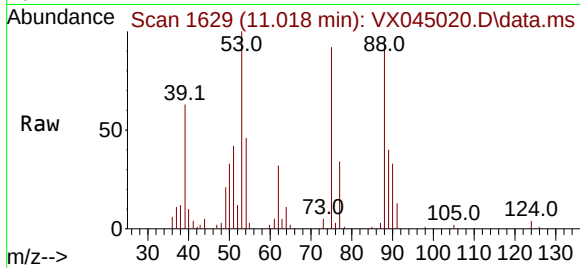
Tgt Ion:105 Resp: 96574
Ion Ratio Lower Upper
105 100
120 48.3 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.227 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

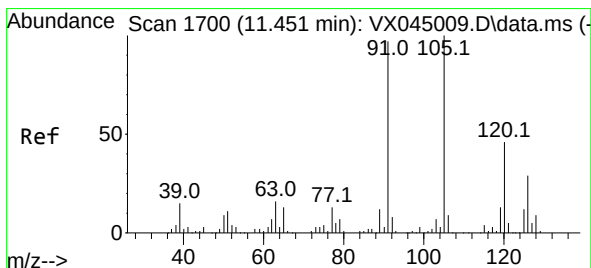
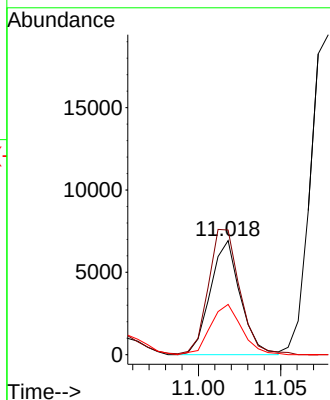
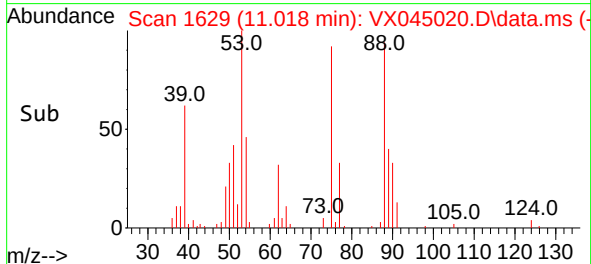
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 8818
Ion Ratio Lower Upper
75 100
53 108.3 49.8 149.4
89 44.0 21.4 64.2

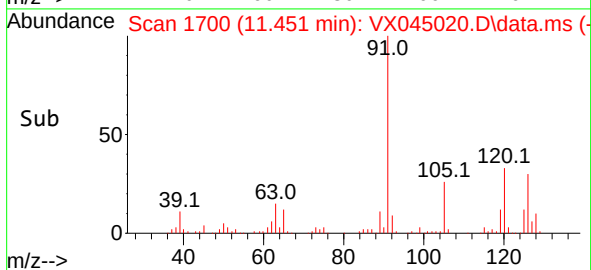
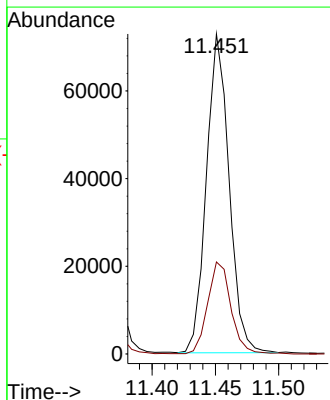
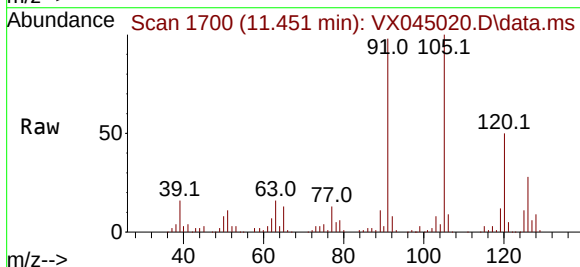
Manual Integrations
APPROVED

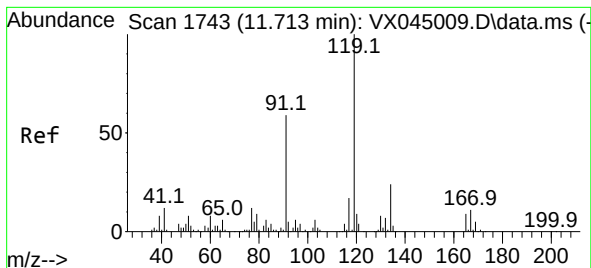
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 18.962 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Tgt Ion: 91 Resp: 90813
Ion Ratio Lower Upper
91 100
126 29.6 0.0 58.0





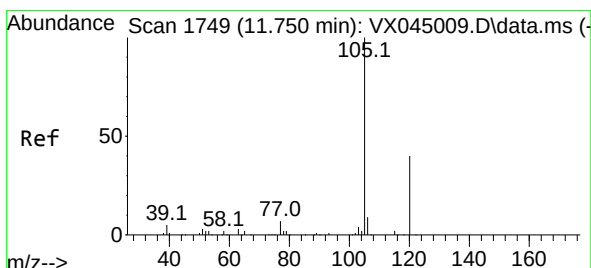
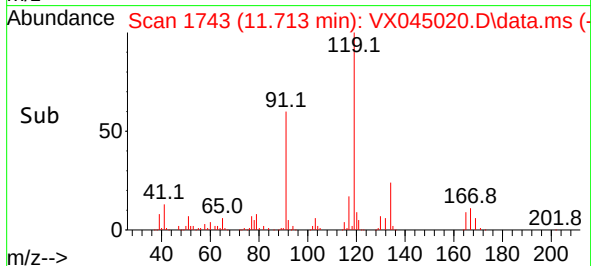
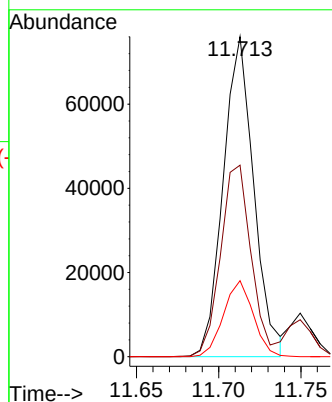
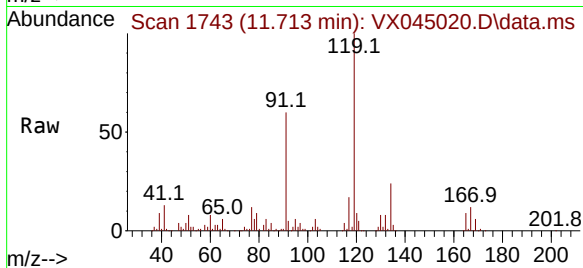
#79
tert-butylbenzene
Concen: 19.815 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 9836
Ion Ratio Lower Upper
119 100
91 59.5 0.0 120.6
134 23.2 0.0 48.2

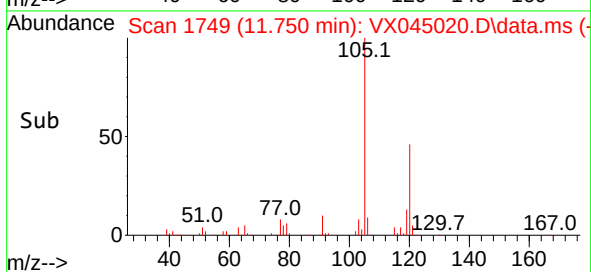
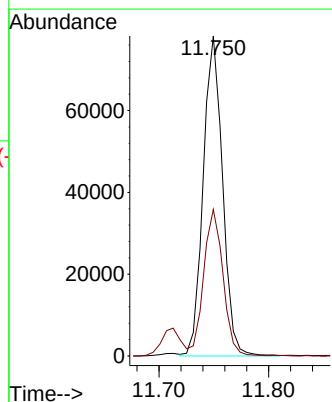
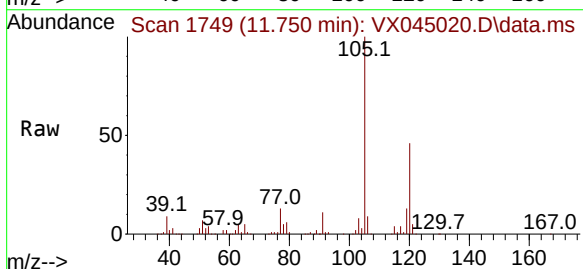
Manual Integrations
APPROVED

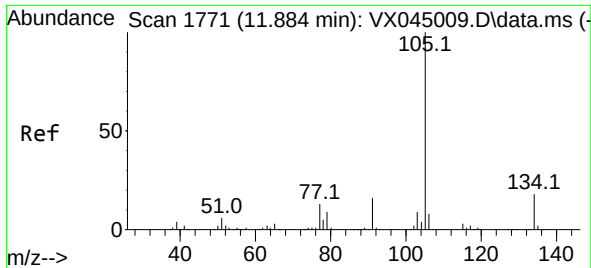
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.436 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

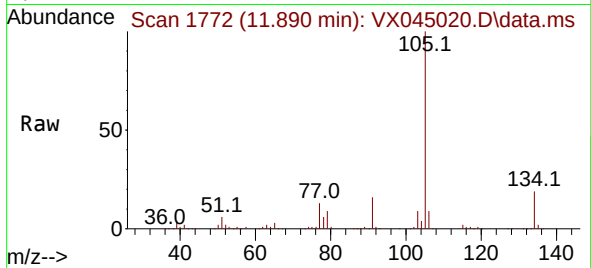
Tgt Ion:105 Resp: 95918
Ion Ratio Lower Upper
105 100
120 45.8 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 19.714 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045020.D
 Acq: 21 Feb 2025 16:05

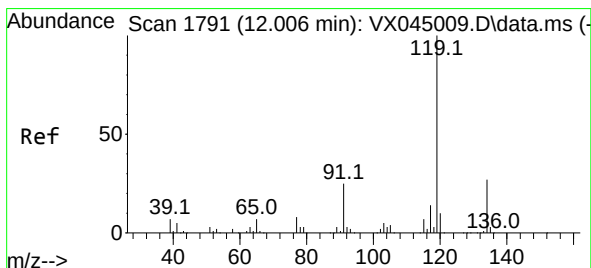
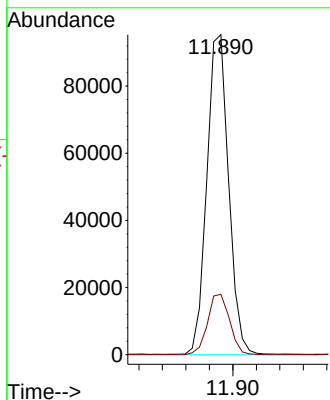
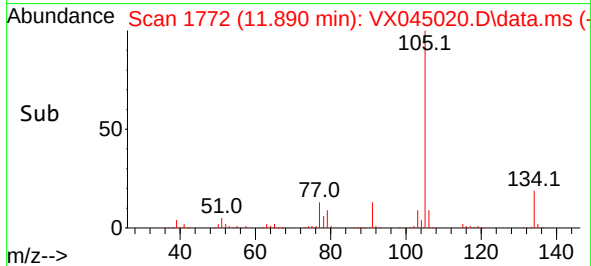
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



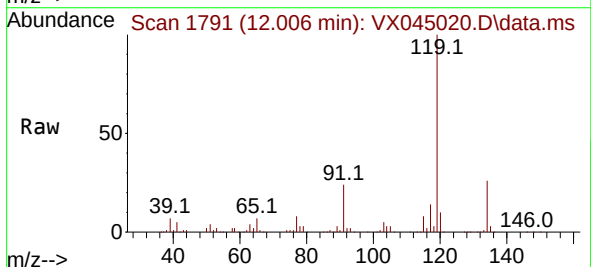
Tgt Ion:105 Resp: 122818
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.0

Manual Integrations
 APPROVED

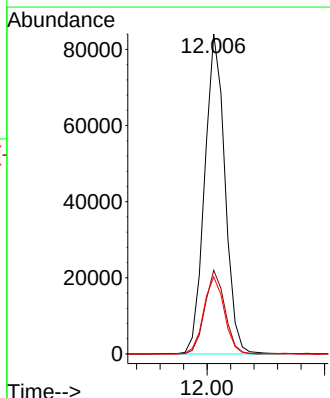
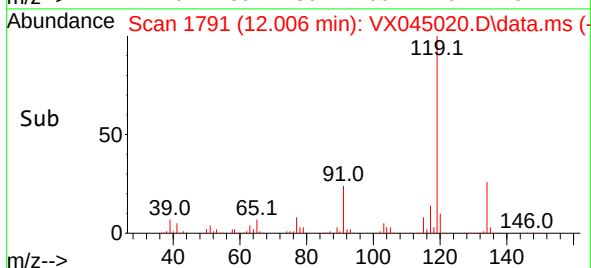
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

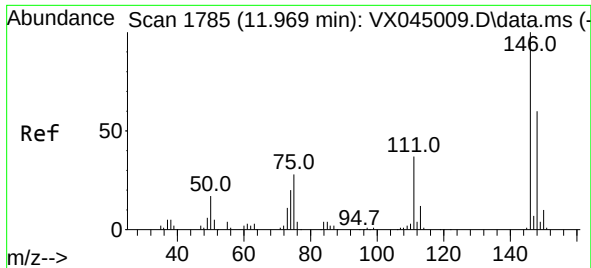


#82
 p-Isopropyltoluene
 Concen: 19.972 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045020.D
 Acq: 21 Feb 2025 16:05



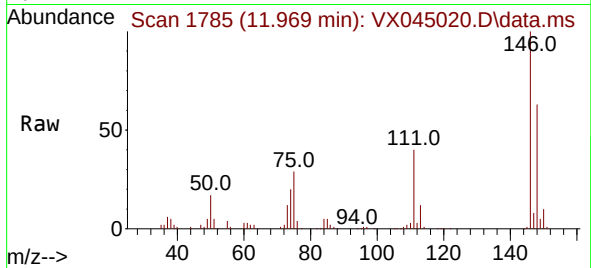
Tgt Ion:119 Resp: 100814
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 24.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.442 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

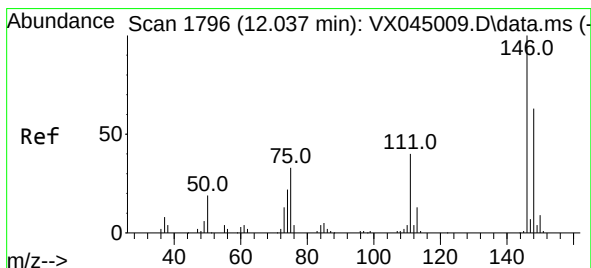
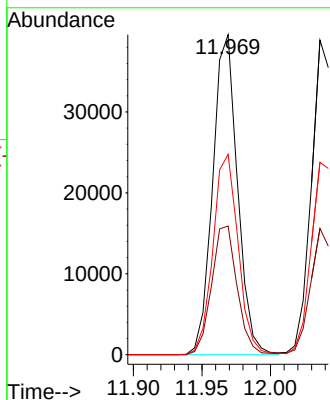
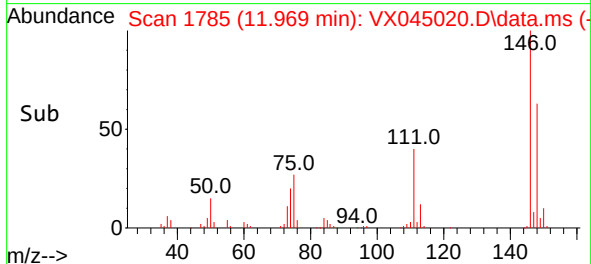
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



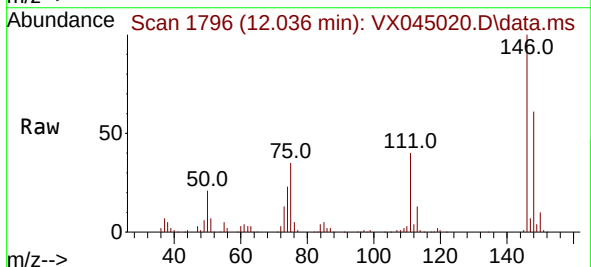
Tgt Ion:146 Resp: 4973
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.5
148 63.8 31.2 93.6

Manual Integrations
APPROVED

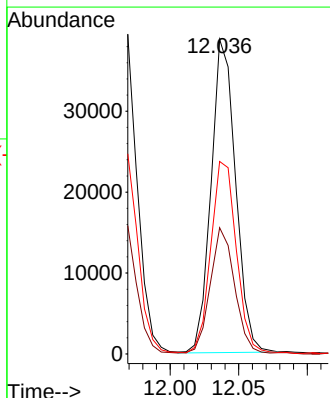
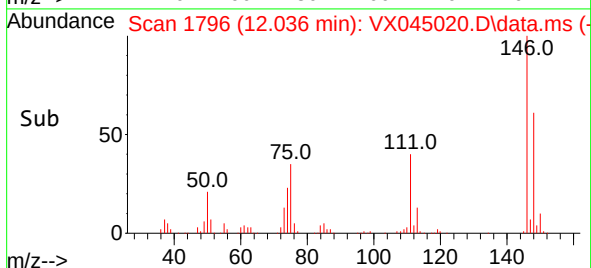
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

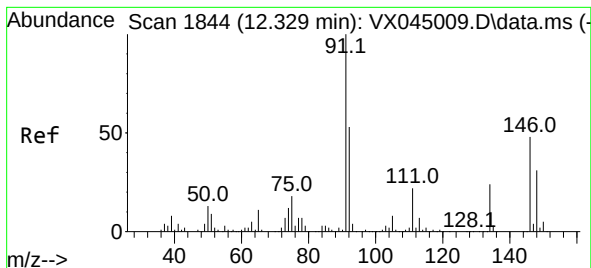


#84
1,4-Dichlorobenzene
Concen: 19.074 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



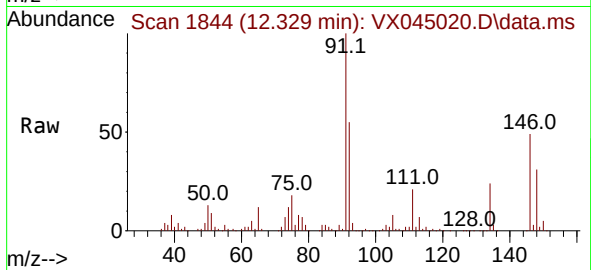
Tgt Ion:146 Resp: 48106
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.2
148 64.7 31.8 95.4





#85
n-Butylbenzene
Concen: 19.012 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

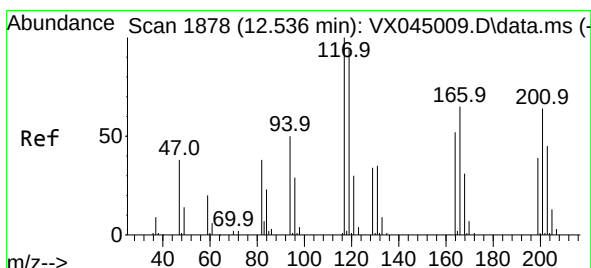
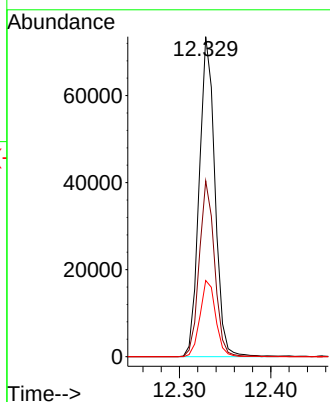
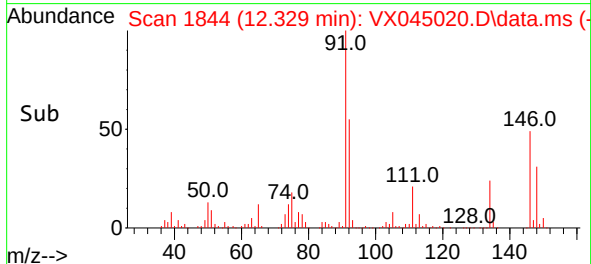
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 8763
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.2
134 23.8 0.0 49.4

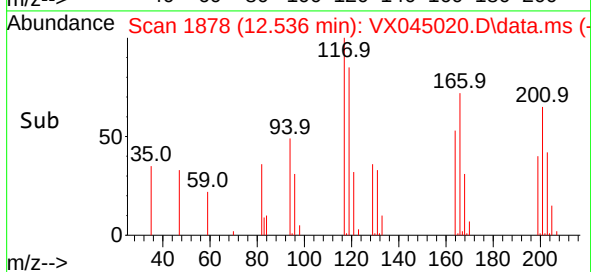
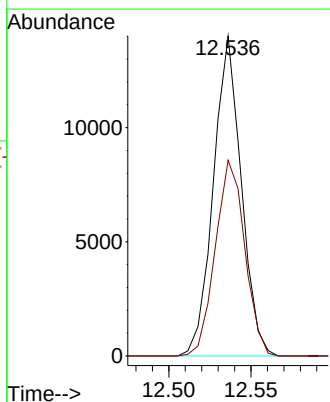
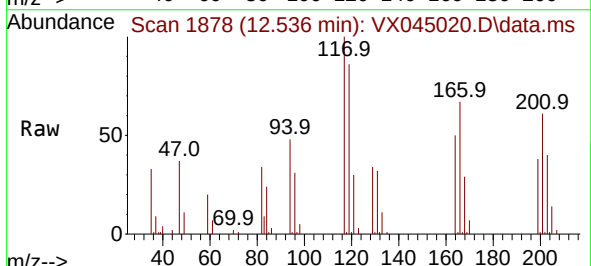
Manual Integrations
APPROVED

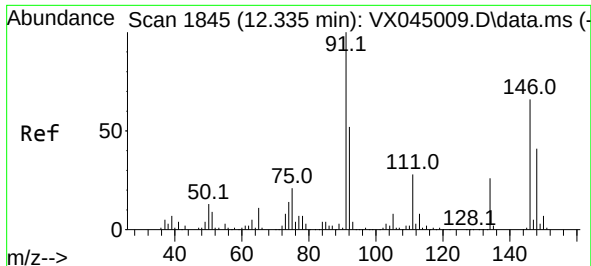
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 18.558 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

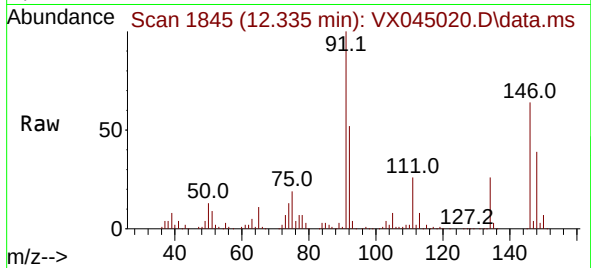
Tgt Ion:117 Resp: 16521
Ion Ratio Lower Upper
117 100
201 64.6 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.480 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

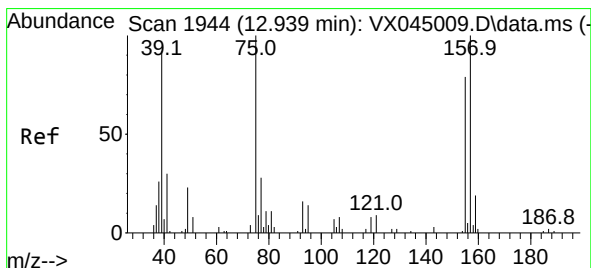
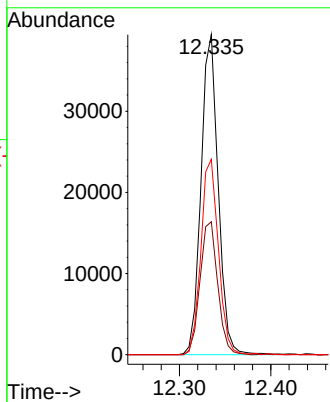
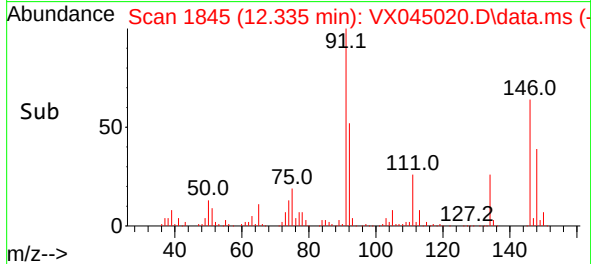
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 51400
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 62.0 31.8 95.4

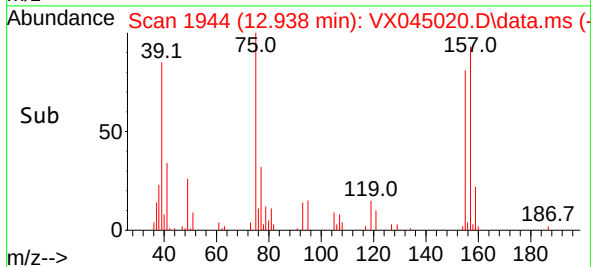
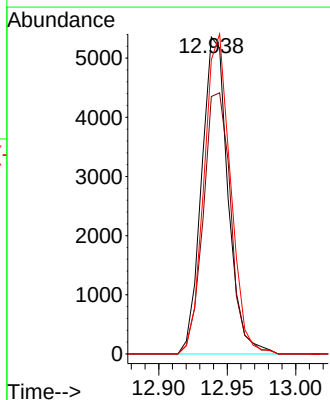
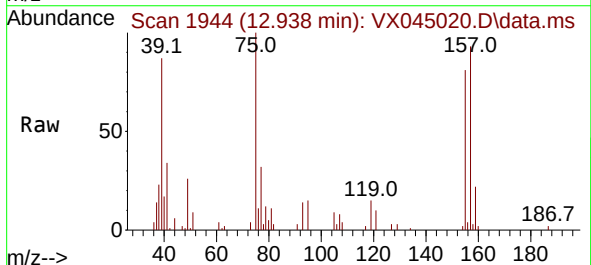
Manual Integrations
APPROVED

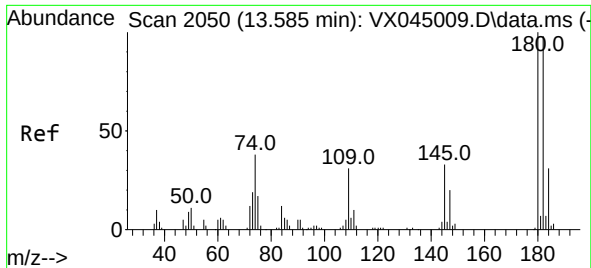
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.918 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

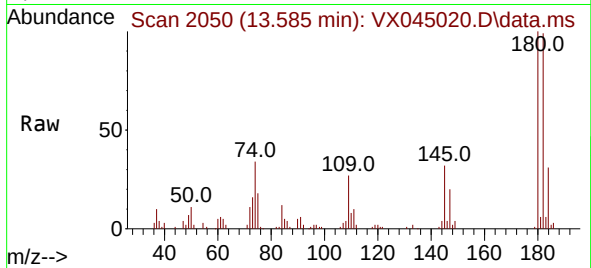
Tgt Ion: 75 Resp: 7193
Ion Ratio Lower Upper
75 100
155 85.6 66.2 99.4
157 100.6 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 18.853 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

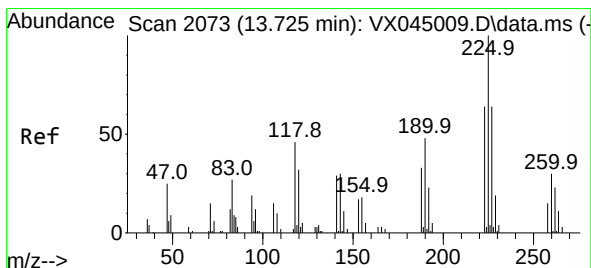
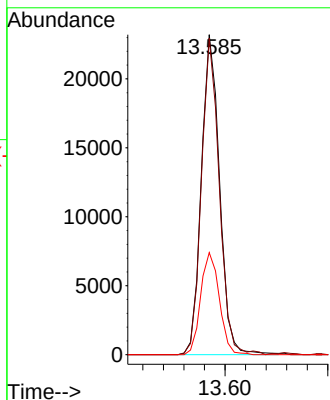
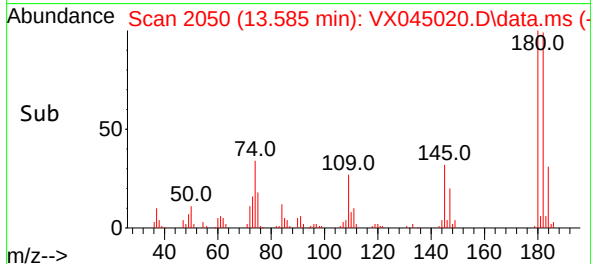
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 2867
Ion Ratio Lower Upper
180 100
182 95.9 77.7 116.5
145 32.5 25.8 38.6

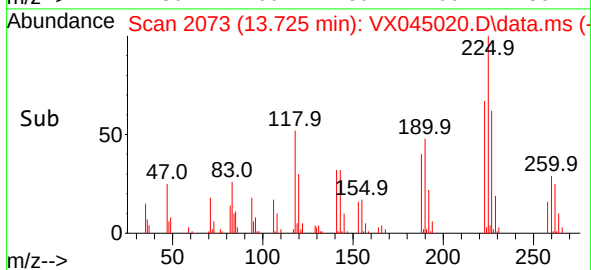
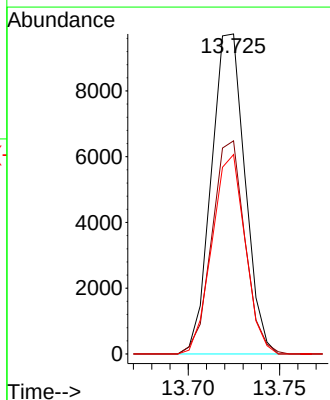
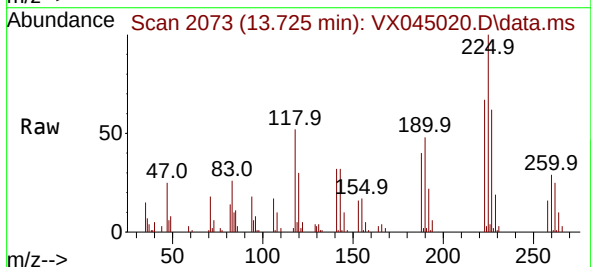
Manual Integrations
APPROVED

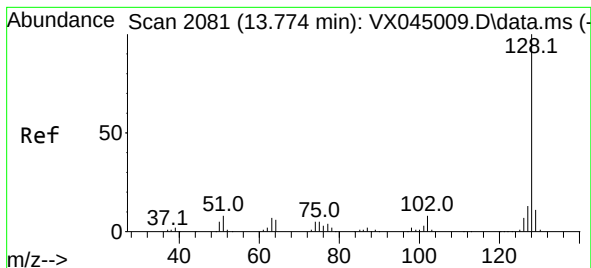
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#90
Hexachlorobutadiene
Concen: 20.139 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

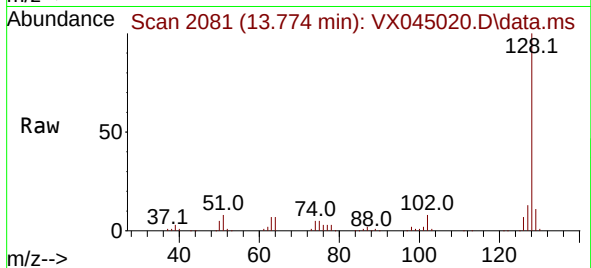
Tgt Ion:225 Resp: 12493
Ion Ratio Lower Upper
225 100
223 65.2 0.0 123.4
227 61.2 0.0 127.4





#91
Naphthalene
Concen: 19.458 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05

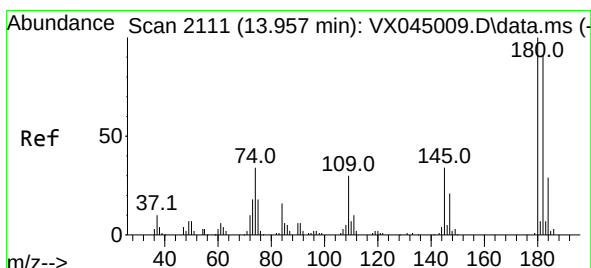
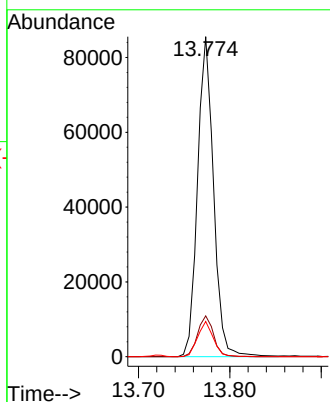
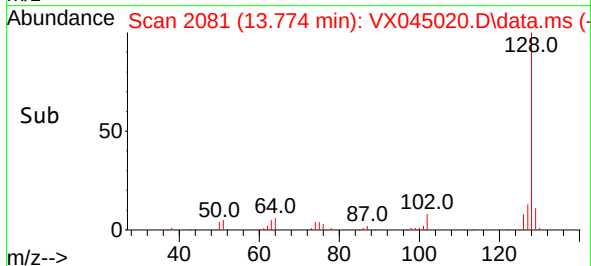
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



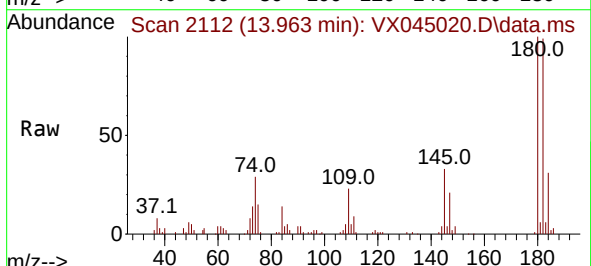
Tgt Ion:128 Resp: 10436
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.994 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045020.D
Acq: 21 Feb 2025 16:05



Tgt Ion:180 Resp: 29745
Ion Ratio Lower Upper
180 100
182 93.1 0.0 186.6
145 35.2 0.0 68.4

