

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045019.D
 Acq On : 21 Feb 2025 15:38
 Operator : JC/MD
 Sample : Q1168-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 22 01:16:21 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

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

Internal Standards						
1) Bromochloromethane	4.891	128	17181	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	91718	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	83758	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	49029	29.381	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.933%		
60) 4-Bromofluorobenzene	11.079	95	45647	29.157	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.200%		
63) Toluene-d8	8.641	98	138790	29.953	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.833%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	7391	5.103	ug/l	89
3) Chloromethane	1.295	50	9727	5.607	ug/l	95
4) Vinyl Chloride	1.374	62	8653	5.169	ug/l	96
5) Bromomethane	1.593	94	3566	6.120	ug/l	95
6) Chloroethane	1.673	64	4849	5.349	ug/l	95
7) Trichlorofluoromethane	1.880	101	11904	5.291	ug/l	98
8) Diethyl Ether	2.130	74	4323	5.079	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	7339	5.492	ug/l	97
10) 1,1-Dichloroethene	2.313	96	7154	5.481	ug/l	95
11) Methyl Iodide	2.447	142	6054	4.098	ug/l	97
12) Methyl Acetate	2.697	43	8333	5.498	ug/l	97
13) Acrolein	2.227	56	8951	29.465	ug/l	96
14) Acrylonitrile	3.063	53	20831	28.139	ug/l	99
15) Acetone	2.374	58	5370	26.449	ug/l	92
16) Carbon Disulfide	2.508	76	19312	5.217	ug/l	98
17) Allyl chloride	2.660	41	12799	5.243	ug/l	95
18) Methylene Chloride	2.782	84	8038	5.475	ug/l	93
19) trans-1,2-Dichloroethene	3.087	96	7176	5.435	ug/l	90
20) Diisopropyl ether	3.751	45	24795	5.286	ug/l	90
21) 1,1-Dichloroethane	3.605	63	13742	5.267	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	8226	5.199	ug/l	98
23) tert-Butyl Alcohol	2.953	59	8771m	33.938	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	22553	5.294	ug/l	98
25) Chloroform	5.087	83	13765	5.463	ug/l	95
26) Cyclohexane	5.465	56	12502	5.192	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	9236	5.474	ug/l	96
30) 2-Butanone	4.556	43	27372	28.088	ug/l #	95
31) 2,2-Dichloropropane	4.465	77	9602	5.033	ug/l #	79
32) 1,1,1-Trichloroethane	5.373	97	11010	5.386	ug/l #	80
33) Carbon Tetrachloride	5.672	117	9488	5.500	ug/l	95
34) Benzene	6.031	78	28936	5.469	ug/l	97
35) Methacrylonitrile	4.916	41	5587m	5.358	ug/l	
36) 1,2-Dichloroethane	6.086	62	9966	5.502	ug/l #	88
37) Trichloroethene	7.123	130	6546	5.288	ug/l	91
38) Methylcyclohexane	7.373	83	12449	5.495	ug/l	98
39) 1,2-Dichloropropane	7.421	63	7250	5.512	ug/l	96
40) Dibromomethane	7.580	93	5540	5.869	ug/l	94
41) Bromodichloromethane	7.818	83	10106	5.387	ug/l #	97
42) Vinyl Acetate	3.715	43	99671	26.357	ug/l	100

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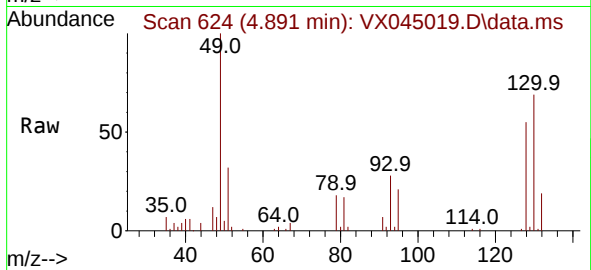
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	8861	4.849	ug/l	94
44) Isopropyl Acetate	6.336	43	16178	5.379	ug/l #	88
45) 1,4-Dioxane	7.659	88	3704	118.460	ug/l #	87
46) Methyl methacrylate	7.696	41	8114	5.501	ug/l	89
47) n-amyl Acetate	10.842	43	13082	5.012	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	8292	4.586	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	10094	4.931	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	6884	5.591	ug/l	91
51) Ethyl methacrylate	9.116	69	9972	5.150	ug/l	97
52) 1,3-Dichloropropane	9.305	76	11905	5.518	ug/l	98
53) Dibromochloromethane	9.519	129	7011	5.149	ug/l	98
54) 1,2-Dibromoethane	9.610	107	6965	5.571	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	24496	24.634	ug/l	99
56) Bromoform	10.799	173	4288	5.025	ug/l	96
58) 4-Methyl-2-Pentanone	8.568	43	53974	28.328	ug/l	100
59) 2-Hexanone	9.427	43	39340	28.566	ug/l	99
61) Tetrachloroethene	9.269	164	5728	5.554	ug/l	83
62) Toluene	8.714	91	30122	5.429	ug/l	99
64) Chlorobenzene	10.073	112	18597	5.409	ug/l	93
65) 1,1,1,2-Tetrachloroethane	10.159	131	5933	5.230	ug/l	97
66) Ethyl Benzene	10.189	91	33235	5.471	ug/l	98
67) m/p-Xylenes	10.299	106	24450	10.803	ug/l	99
68) o-Xylene	10.640	106	12254	5.518	ug/l	98
69) Styrene	10.653	104	18688	5.039	ug/l	97
70) Isopropylbenzene	10.957	105	31655	5.524	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	11277	5.984	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	8581m	5.536	ug/l	
73) Bromobenzene	11.195	156	7537	5.713	ug/l	96
74) n-propylbenzene	11.299	91	35689	5.233	ug/l	99
75) 2-Chlorotoluene	11.360	91	22794	5.529	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	26235	5.549	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	2277	4.367	ug/l	86
78) 4-Chlorotoluene	11.451	91	24557	5.343	ug/l	97
79) tert-butylbenzene	11.713	119	26450	5.553	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	24944	5.267	ug/l	99
81) sec-Butylbenzene	11.890	105	32228	5.391	ug/l	99
82) p-Isopropyltoluene	12.006	119	25283	5.220	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	13170	5.366	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	13098	5.412	ug/l	99
85) n-Butylbenzene	12.329	91	21616	4.887	ug/l	99
86) Hexachloroethane	12.536	117	4373	5.119	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	13459	5.589	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1740	4.769	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	6708	4.596	ug/l	95
90) Hexachlorobutadiene	13.719	225	3231	5.428	ug/l	97
91) Naphthalene	13.774	128	24574	4.775	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	7278	4.843	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

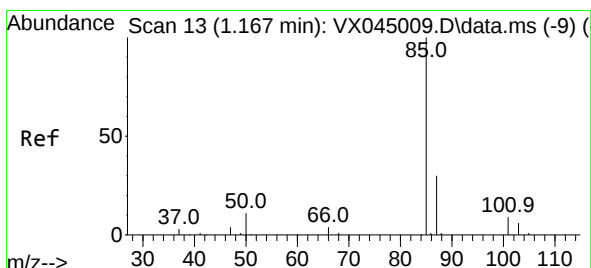
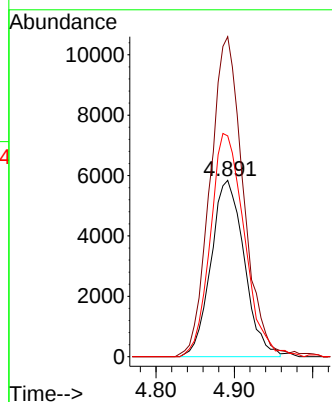
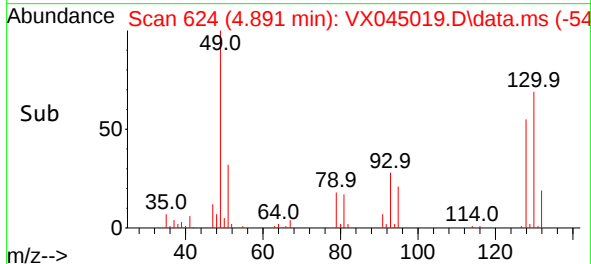
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:128 Resp: 1718
Ion Ratio Lower Upper
128 100
49 181.3 0.0 449.7
130 128.6 0.0 312.7

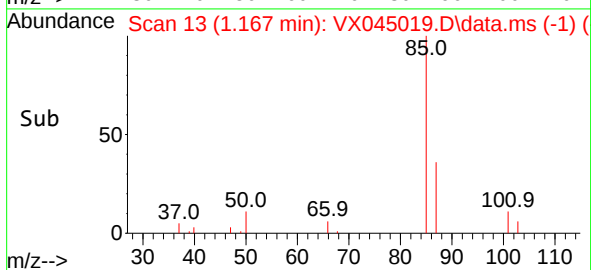
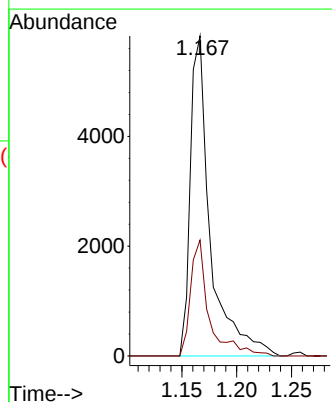
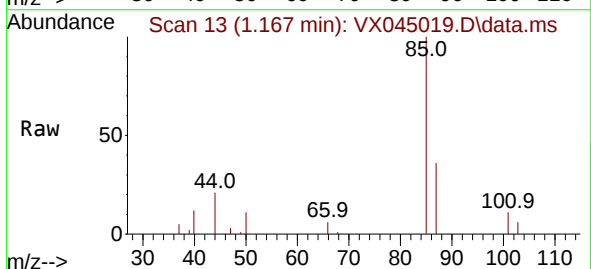
Manual Integrations
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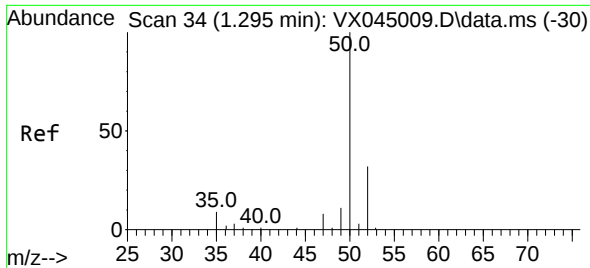
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 5.103 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

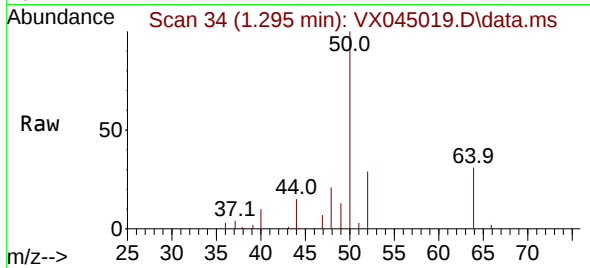
Tgt Ion: 85 Resp: 7391
Ion Ratio Lower Upper
85 100
87 36.2 15.1 45.3





#3
Chloromethane
Concen: 5.607 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

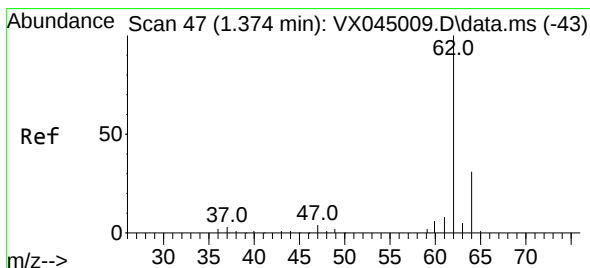
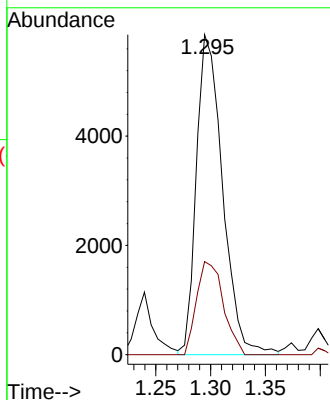
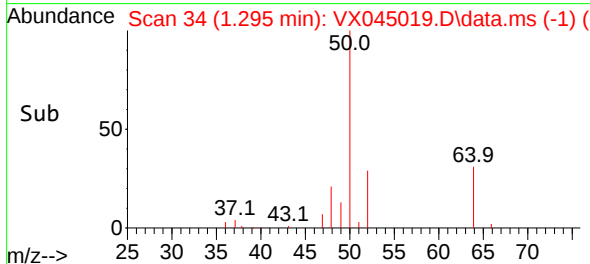
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 50 Resp: 972
Ion Ratio Lower Upper
50 100
52 29.4 25.7 38.5

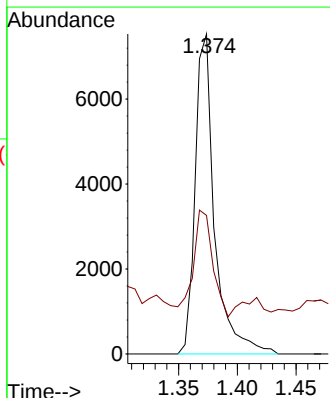
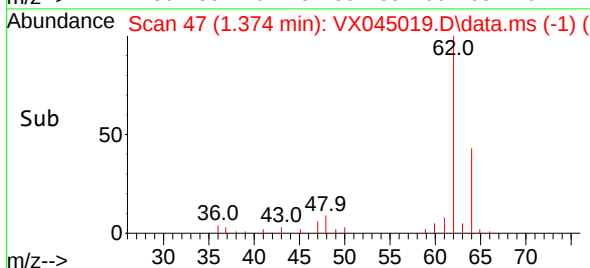
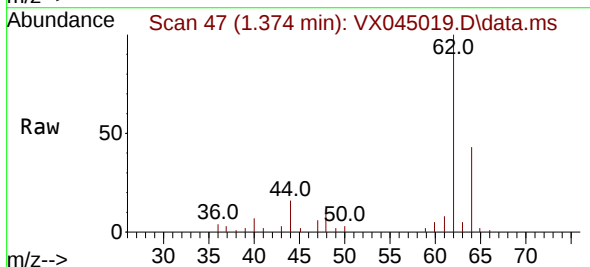
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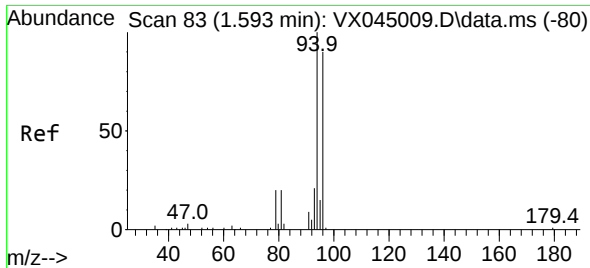
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 5.169 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

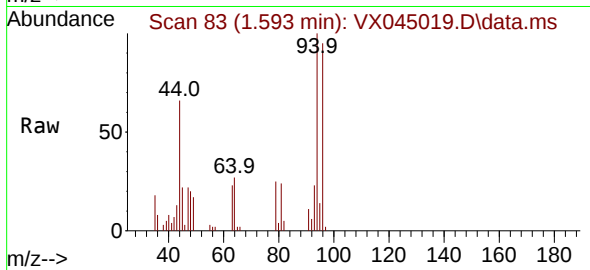
Tgt Ion: 62 Resp: 8653
Ion Ratio Lower Upper
62 100
64 29.4 25.1 37.7





#5
Bromomethane
Concen: 6.120 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

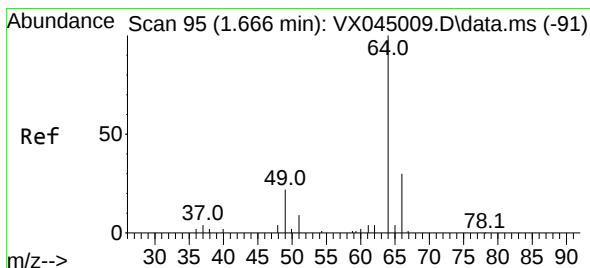
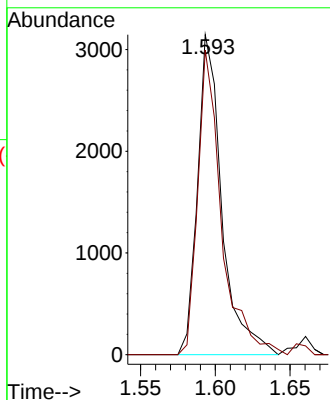
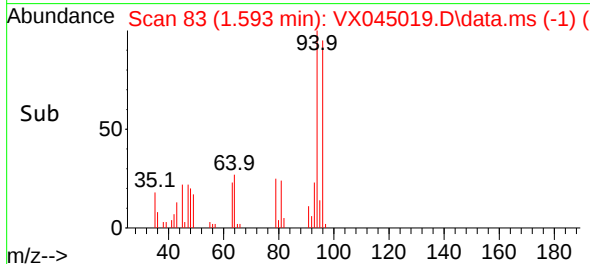
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 94 Resp: 3560
Ion Ratio Lower Upper
94 100
96 95.2 72.2 108.4

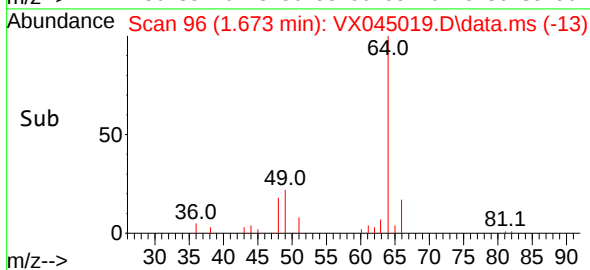
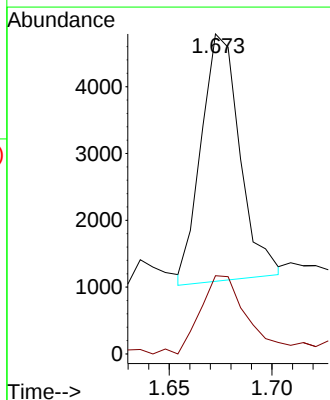
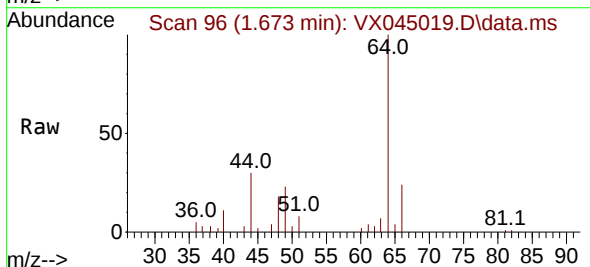
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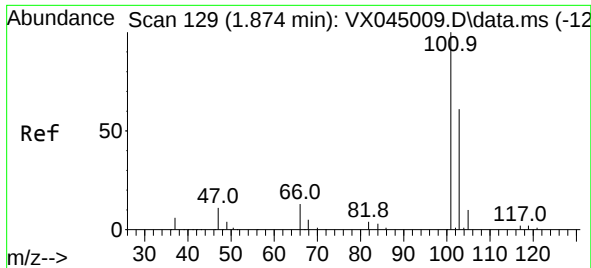
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 5.349 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 64 Resp: 4849
Ion Ratio Lower Upper
64 100
66 32.5 23.7 35.5





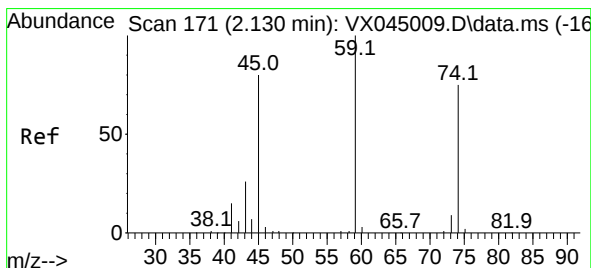
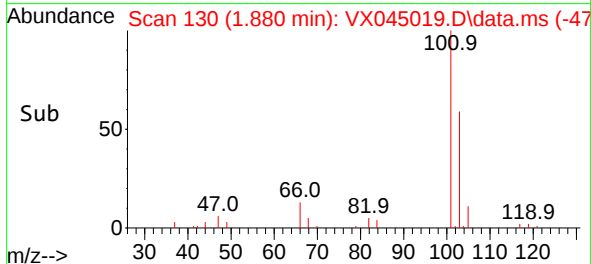
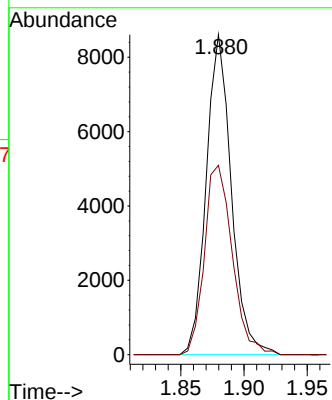
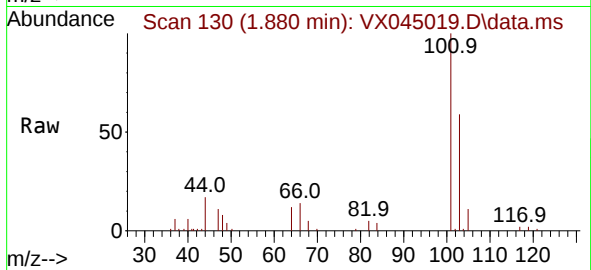
#7
 Trichlorofluoromethane
 Concen: 5.291 ug/l
 RT: 1.880 min Scan# 11904
 Delta R.T. 0.006 min
 Lab File: VX045019.D
 Acq: 21 Feb 2025 15:38

Instrument :
 MSVOA_X
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 LOQ-WATER-02-QT1-2025

Tgt Ion:101 Resp: 11904
 Ion Ratio Lower Upper
 101 100
 103 59.2 48.8 73.2

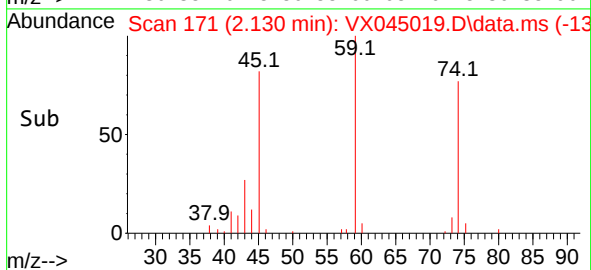
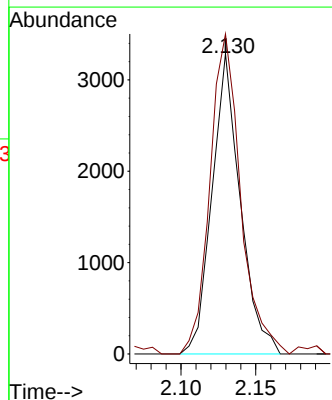
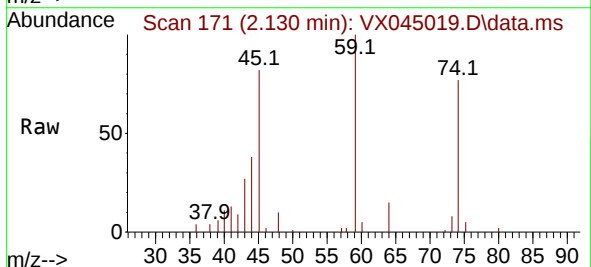
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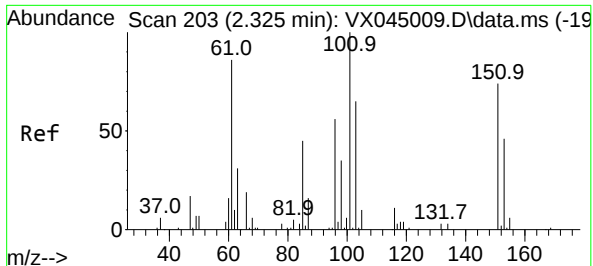
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#8
 Diethyl Ether
 Concen: 5.079 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045019.D
 Acq: 21 Feb 2025 15:38

Tgt Ion: 74 Resp: 4323
 Ion Ratio Lower Upper
 74 100
 45 115.5 20.8 186.8





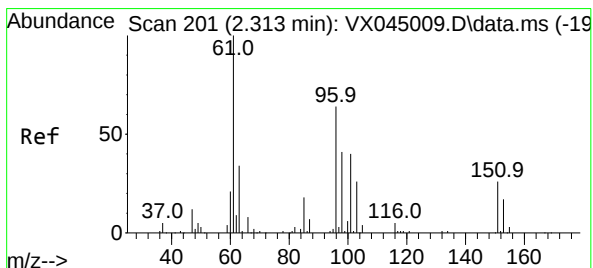
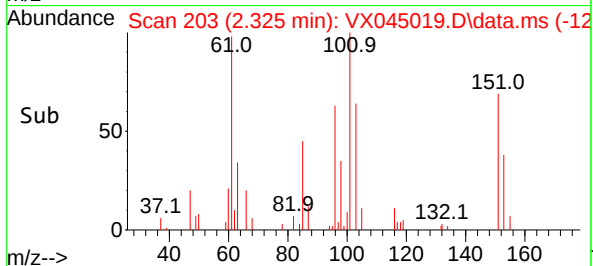
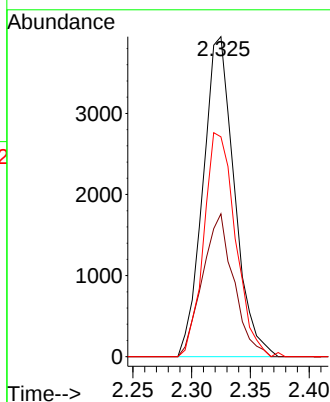
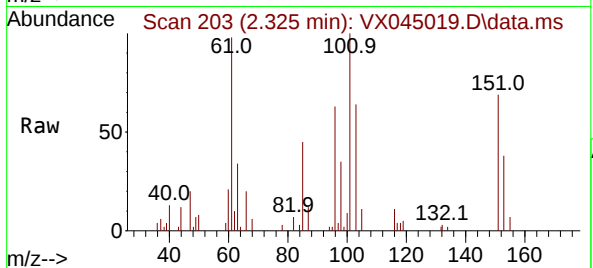
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1,1,2-Trichlorotrifluoroethane
Concen: 5.492 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX045019.D
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Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:101 Resp: 7339
Ion Ratio Lower Upper
101 100
85 44.3 0.0 90.6
151 70.5 0.0 147.6

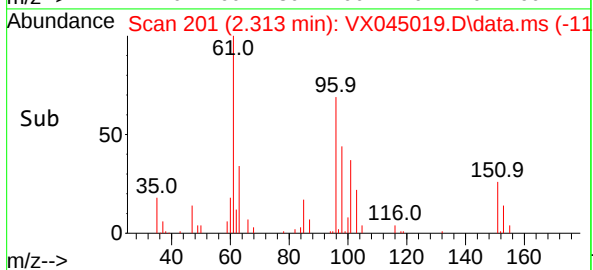
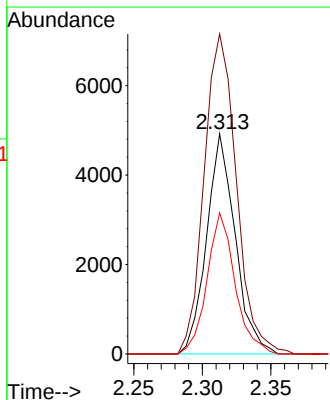
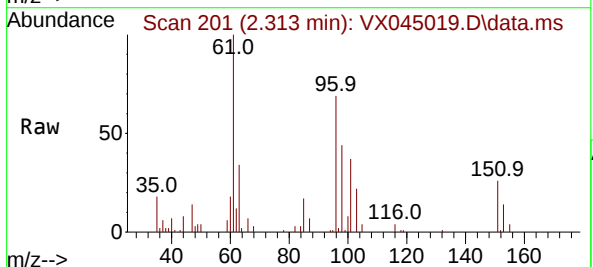
Manual Integrations
APPROVED

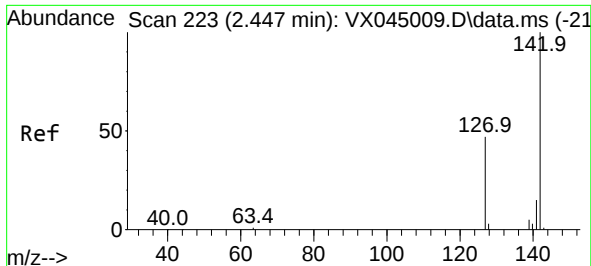
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 5.481 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

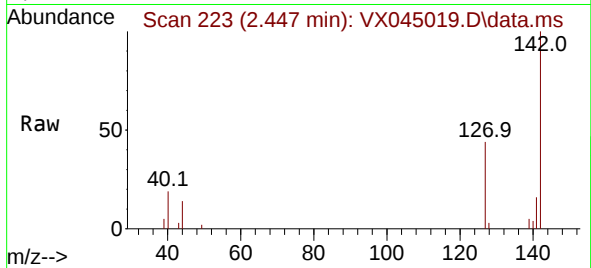
Tgt Ion: 96 Resp: 7154
Ion Ratio Lower Upper
96 100
61 145.3 124.2 186.2
98 64.1 51.1 76.7





#11
Methyl Iodide
Concen: 4.098 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

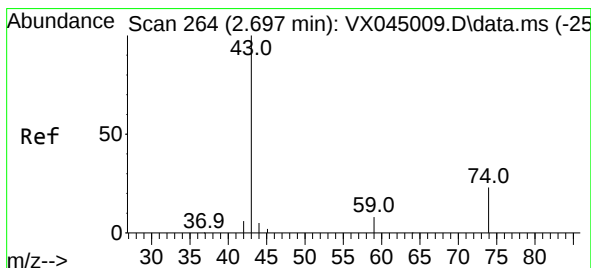
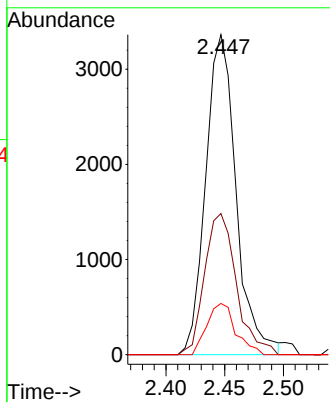
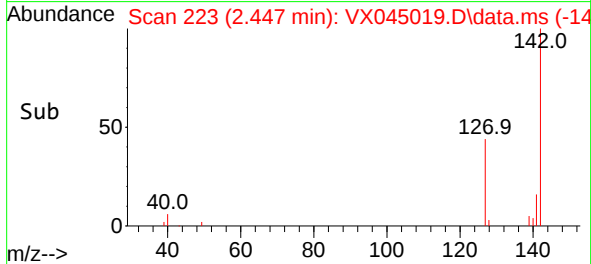
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:142 Resp: 6054
Ion Ratio Lower Upper
142 100
127 44.9 23.3 69.9
141 16.3 7.5 22.6

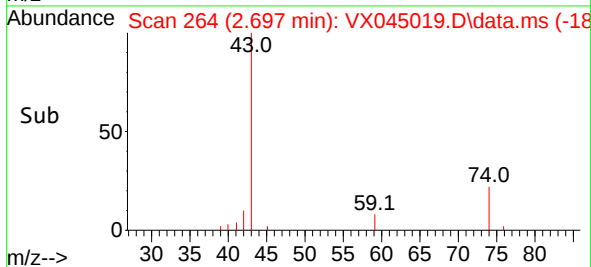
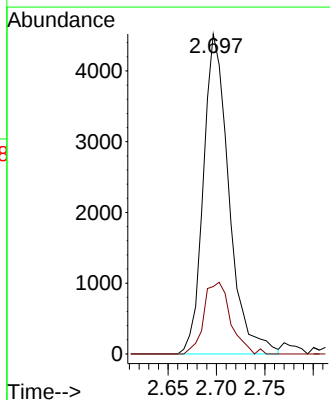
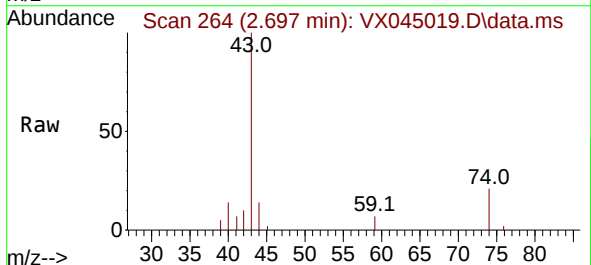
Manual Integrations
APPROVED

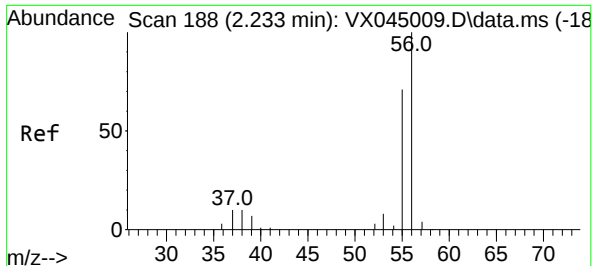
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 5.498 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 43 Resp: 8333
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9





#13

Acrolein

Concen: 29.465 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 56 Resp: 895

Ion Ratio Lower Upper

56 100

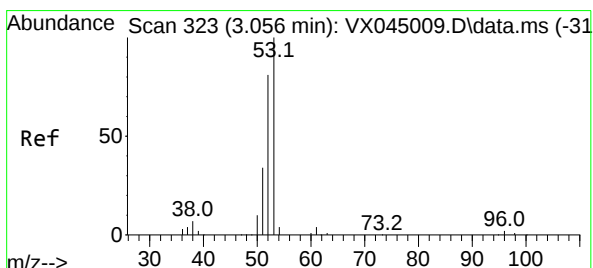
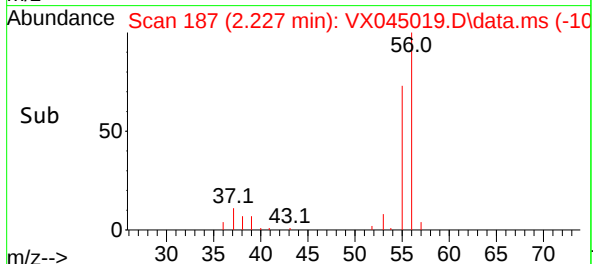
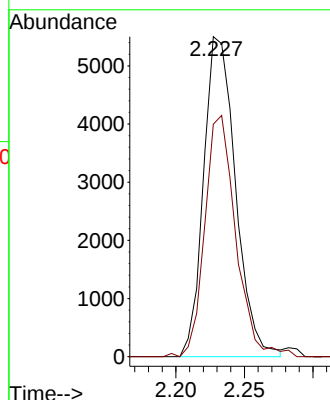
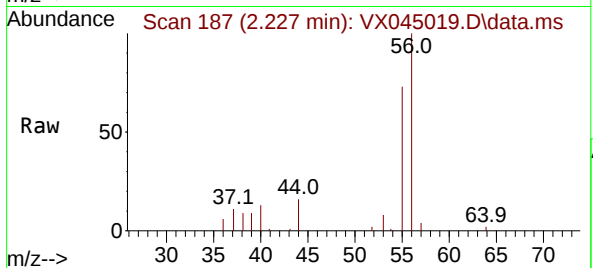
55 72.6 55.4 83.2

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#14

Acrylonitrile

Concen: 28.139 ug/l

RT: 3.063 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

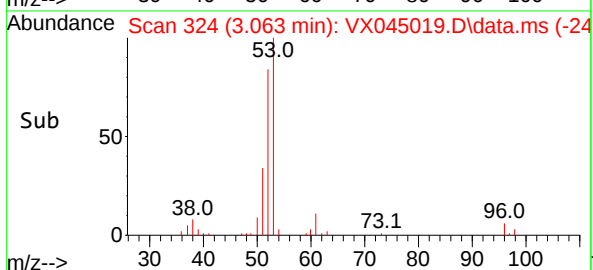
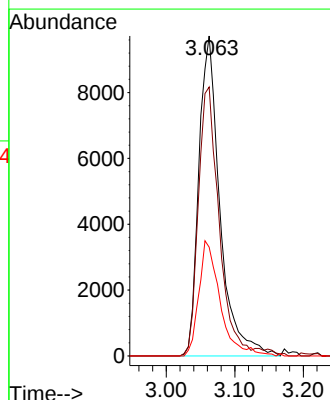
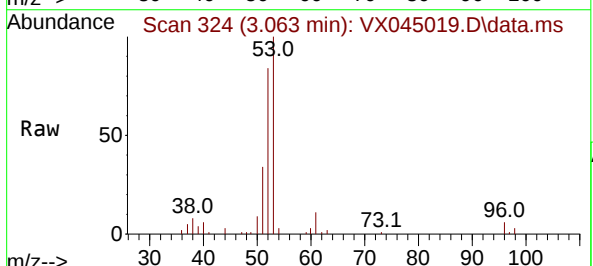
Tgt Ion: 53 Resp: 20831

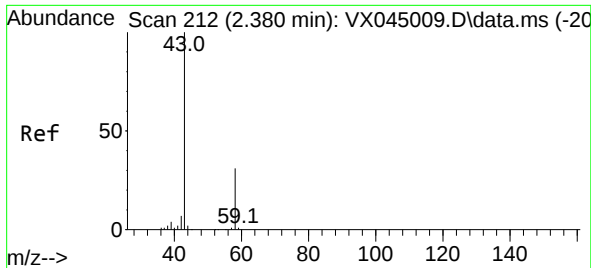
Ion Ratio Lower Upper

53 100

52 82.3 40.9 122.8

51 35.2 18.0 54.0





#15

Acetone

Concen: 26.449 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 58 Resp: 5370

Ion Ratio Lower Upper

58 100

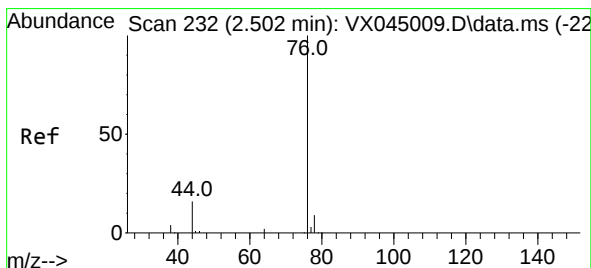
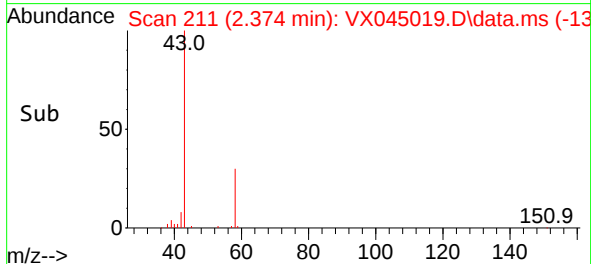
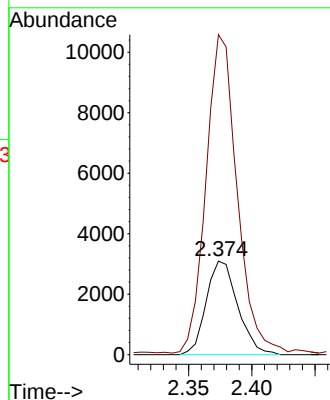
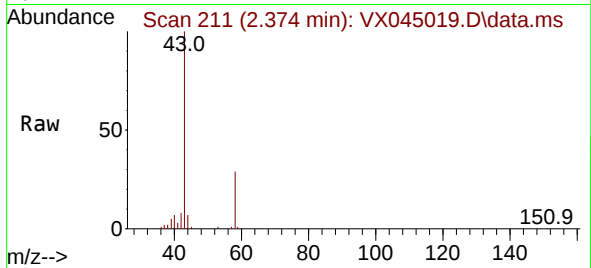
43 338.8 258.6 388.0

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#16

Carbon Disulfide

Concen: 5.217 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX045019.D

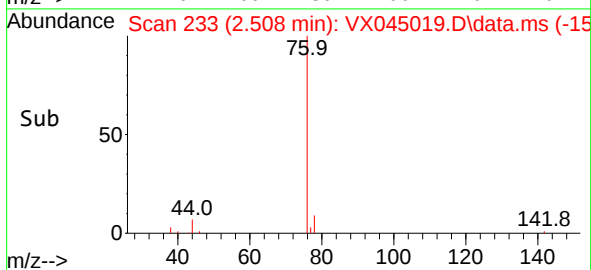
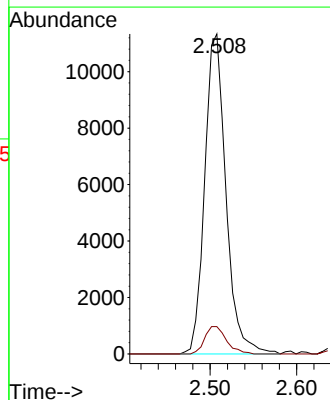
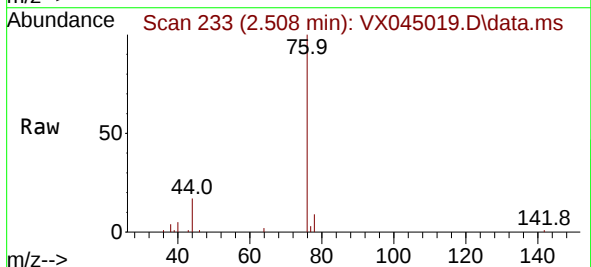
Acq: 21 Feb 2025 15:38

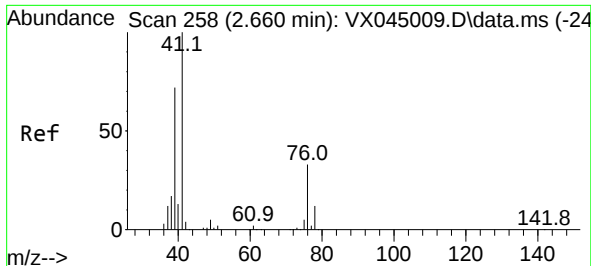
Tgt Ion: 76 Resp: 19312

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9





#17

Allyl chloride

Concen: 5.243 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

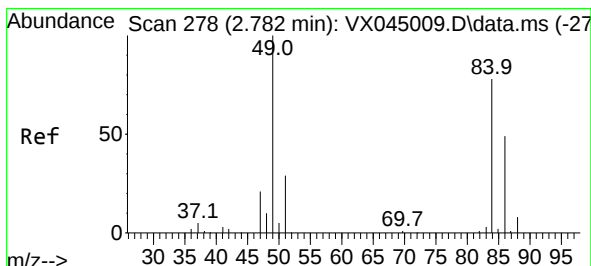
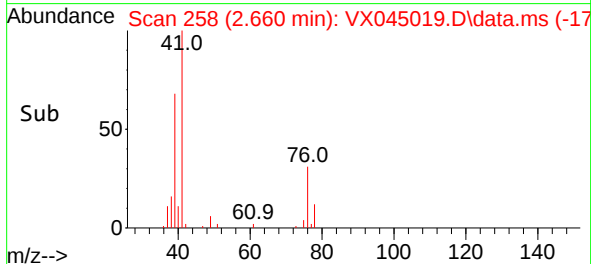
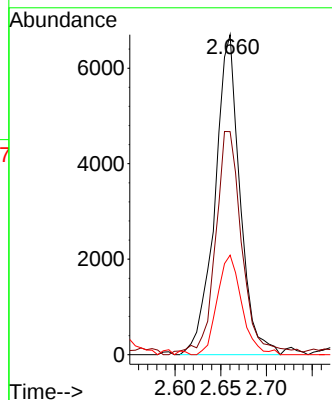
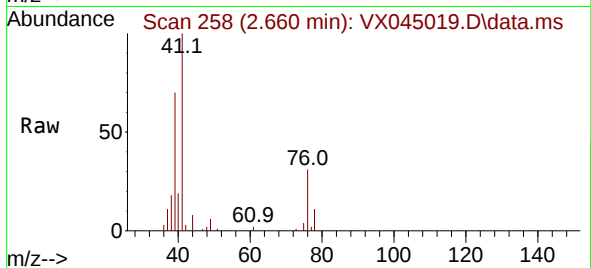
Tgt Ion: 41	Resp: 1279
Ion Ratio	Lower Upper
41 100	
39 68.5	36.2 108.6
76 31.1	17.2 51.5

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#18

Methylene Chloride

Concen: 5.475 ug/l

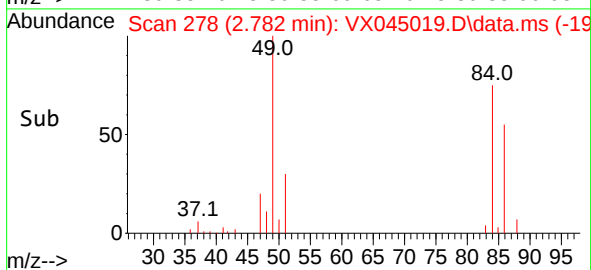
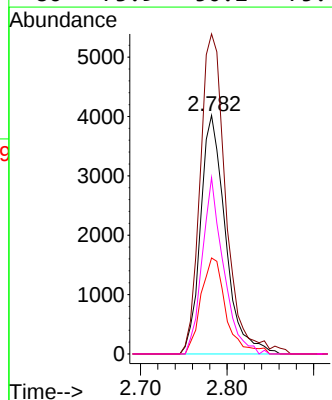
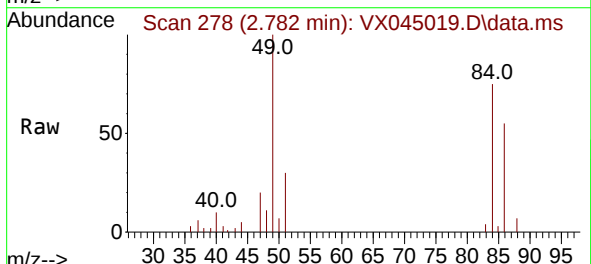
RT: 2.782 min Scan# 278

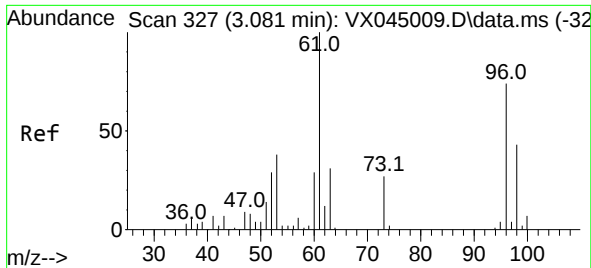
Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

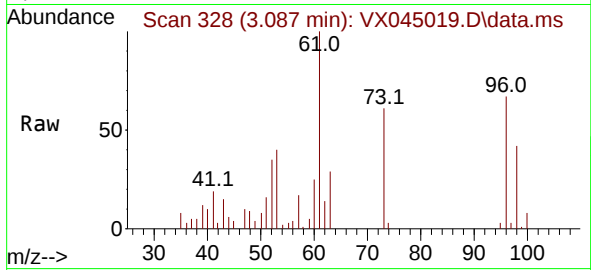
Tgt Ion: 84	Resp: 8038
Ion Ratio	Lower Upper
84 100	
49 134.1	102.8 154.2
51 40.2	30.1 45.1
86 73.9	50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 5.435 ug/l
RT: 3.087 min Scan# 317
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

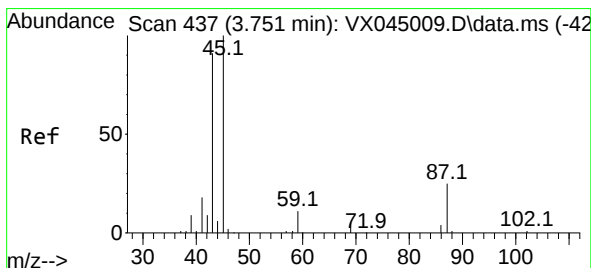
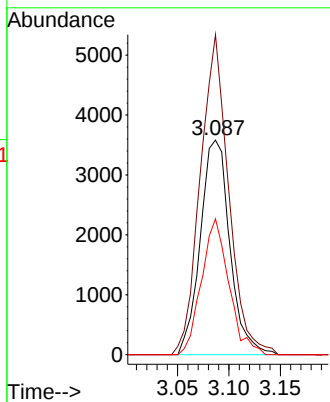
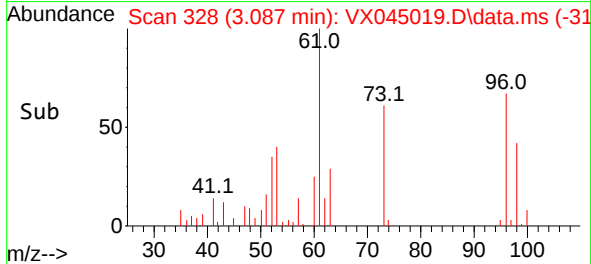
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 96 Resp: 7170
Ion Ratio Lower Upper
96 100
61 149.1 108.6 163.0
98 63.3 46.5 69.7

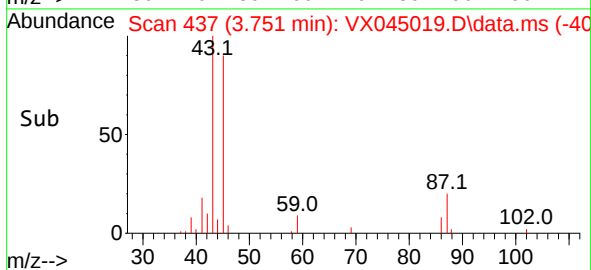
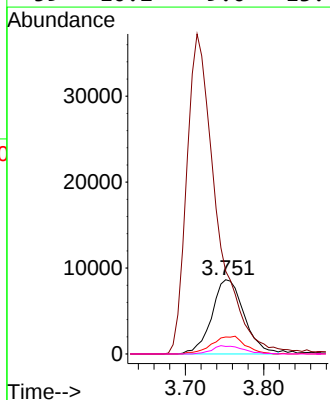
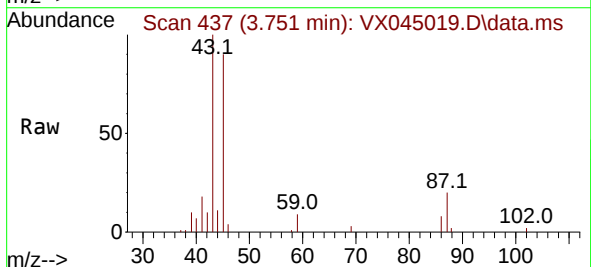
Manual Integrations
APPROVED

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



#20
Diisopropyl ether
Concen: 5.286 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 45 Resp: 24795
Ion Ratio Lower Upper
45 100
43 104.3 74.4 111.6
87 22.8 19.8 29.8
59 10.2 9.0 13.4





#21

1,1-Dichloroethane

Concen: 5.267 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

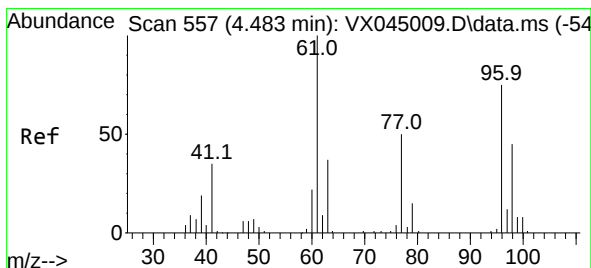
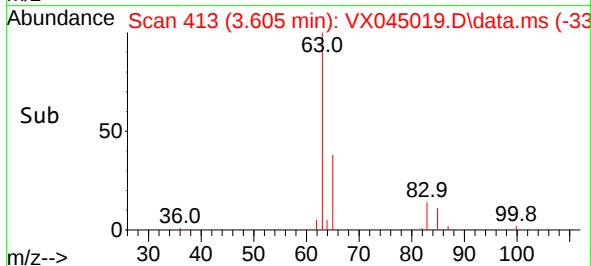
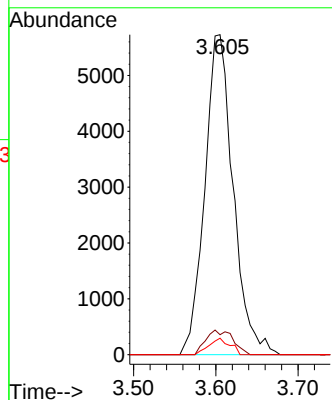
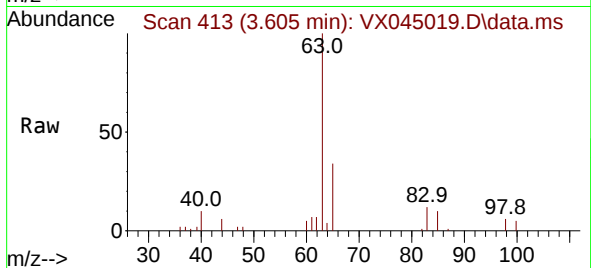
Tgt Ion:	63	Resp:	1374
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.3	9.8
100	5.1	2.4	7.1

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#22

cis-1,2-Dichloroethene

Concen: 5.199 ug/l

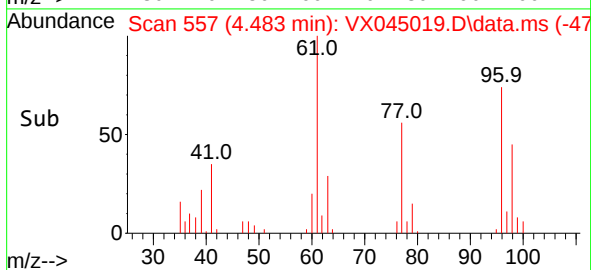
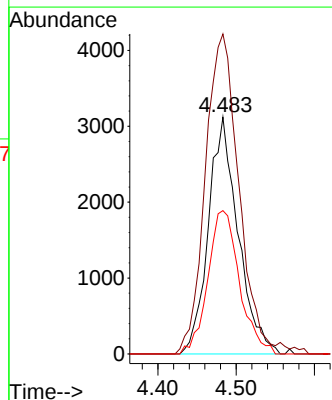
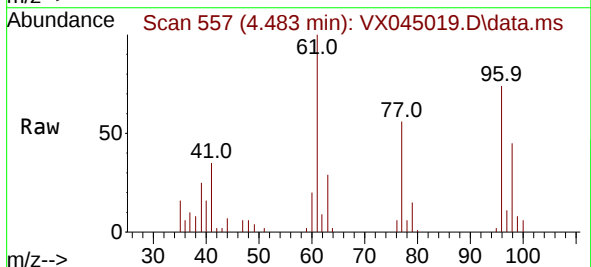
RT: 4.483 min Scan# 557

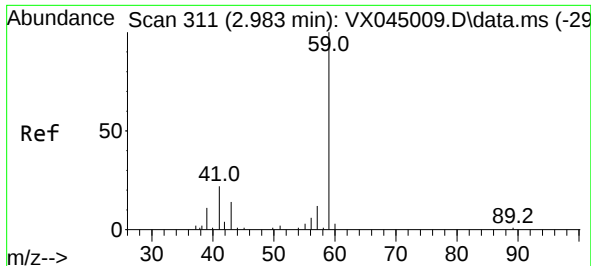
Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

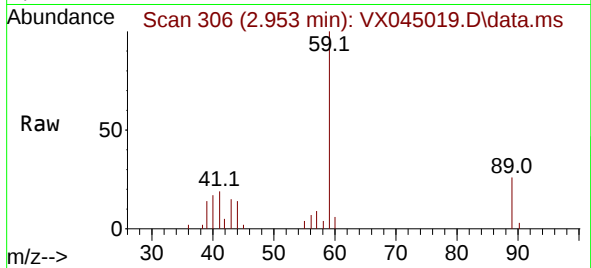
Tgt Ion:	96	Resp:	8226
Ion Ratio	Lower	Upper	
96	100		
61	151.5	118.9	178.3
98	64.4	50.7	76.1





#23
tert-Butyl Alcohol
Concen: 33.938 ug/l m
RT: 2.953 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

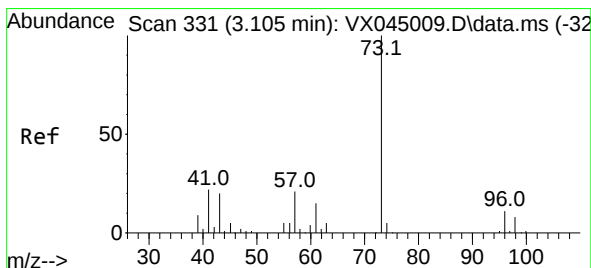
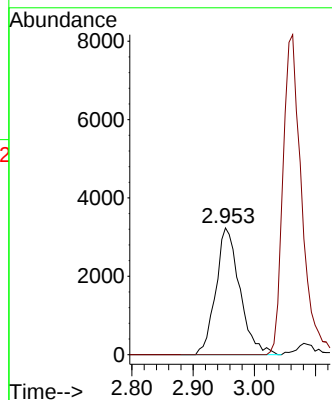
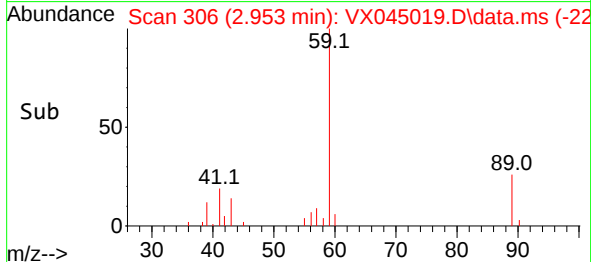
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 59 Resp: 877
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

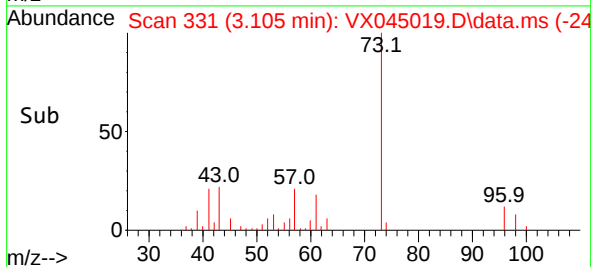
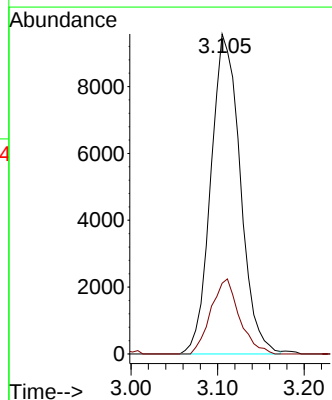
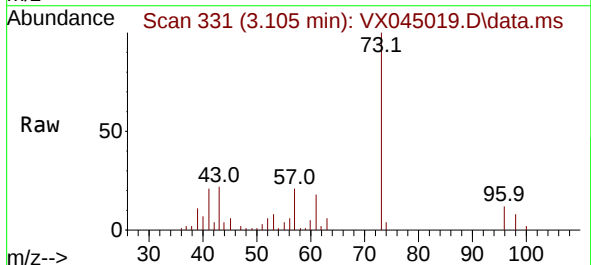
Manual Integrations
APPROVED

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



#24
Methyl tert-Butyl Ether
Concen: 5.294 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 73 Resp: 22553
Ion Ratio Lower Upper
73 100
43 22.8 17.4 26.0





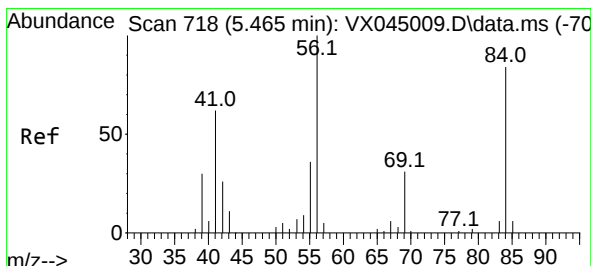
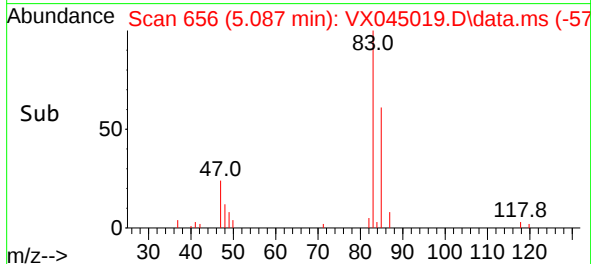
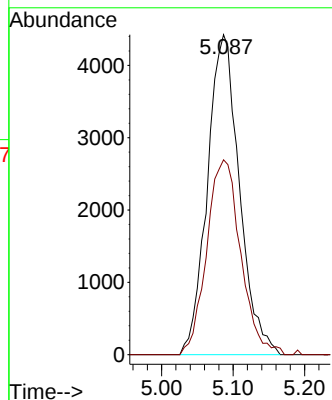
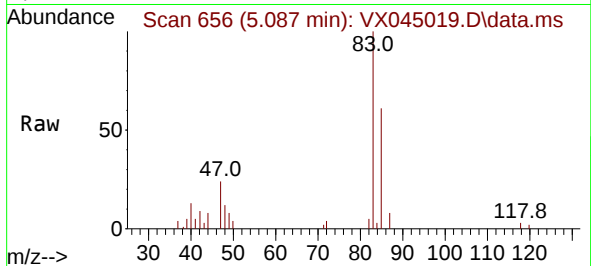
#25
Chloroform
Concen: 5.463 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 1376
Ion Ratio Lower Upper
83 100
85 60.9 51.7 77.5

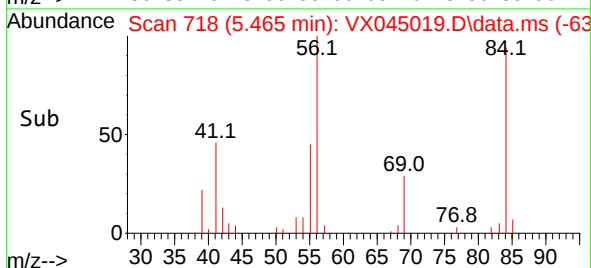
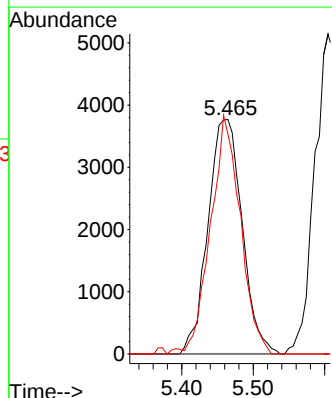
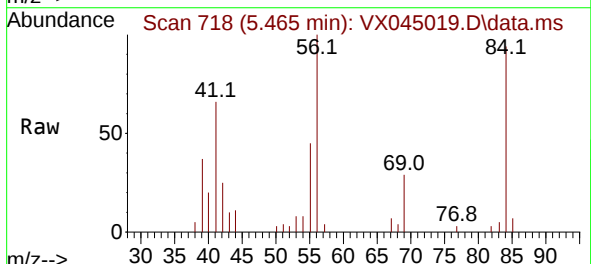
Manual Integrations
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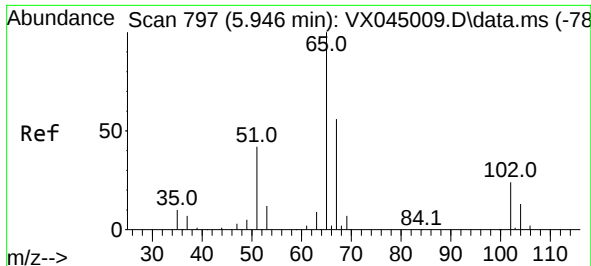
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#26
Cyclohexane
Concen: 5.192 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 56 Resp: 12502
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.1 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 29.381 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 65 Resp: 49029

Ion Ratio Lower Upper

65 100

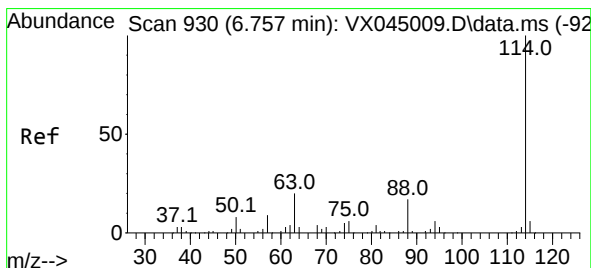
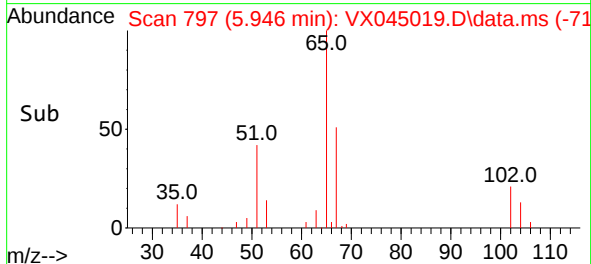
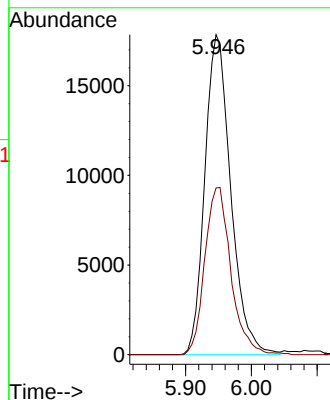
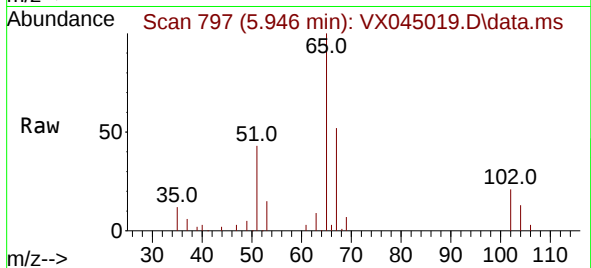
67 52.4 42.6 64.0

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: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

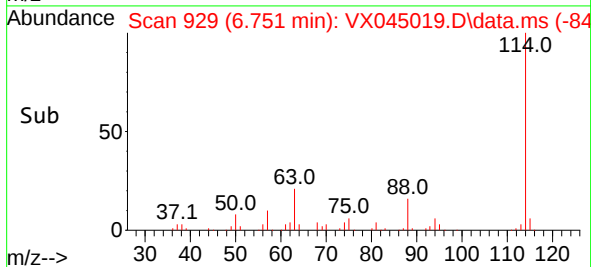
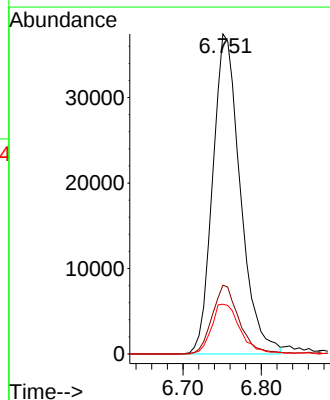
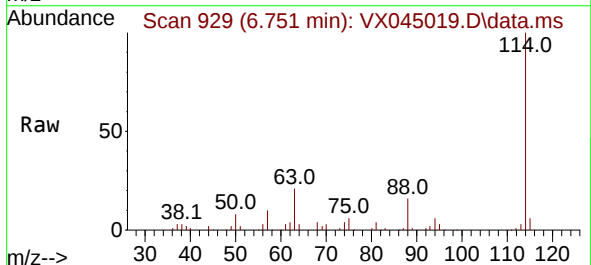
Tgt Ion:114 Resp: 91718

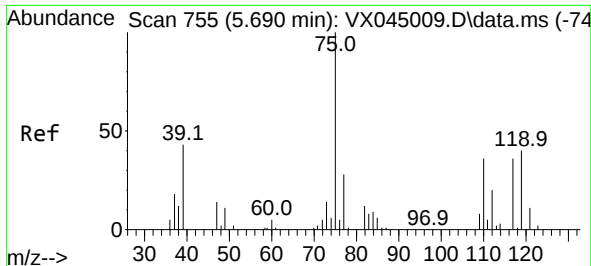
Ion Ratio Lower Upper

114 100

63 21.1 16.8 25.2

88 16.2 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.474 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX045019.D

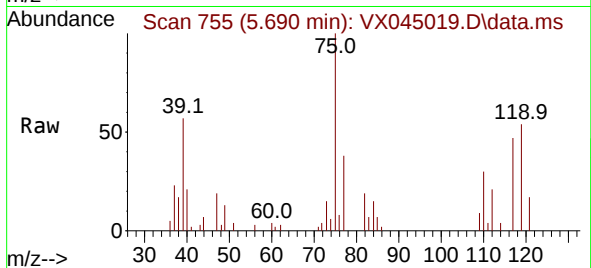
Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



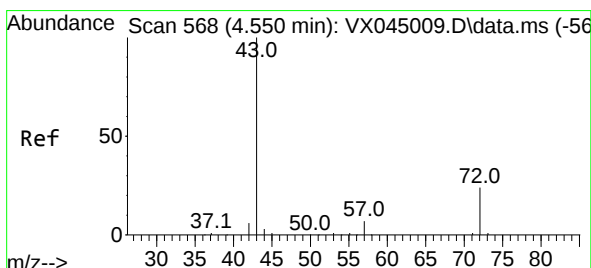
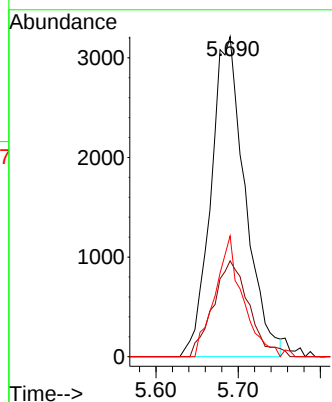
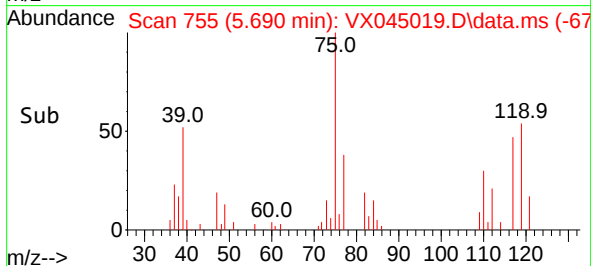
Tgt Ion: 75	Resp: 9230
Ion Ratio	Lower Upper
75	100
110	30.6 0.0 69.2
77	30.7 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 28.088 ug/l

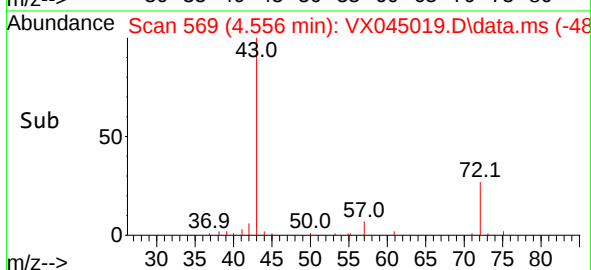
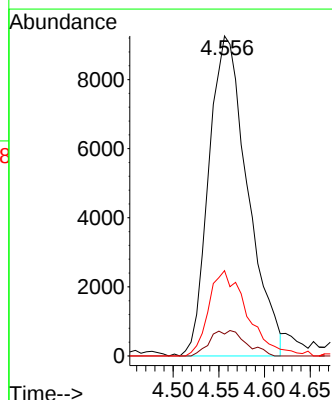
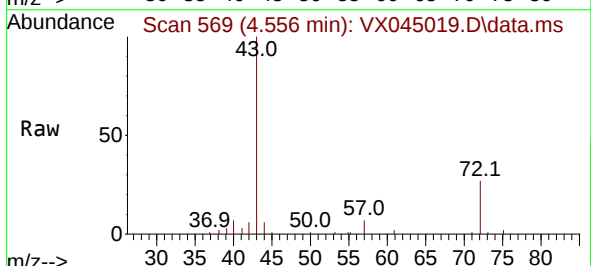
RT: 4.556 min Scan# 569

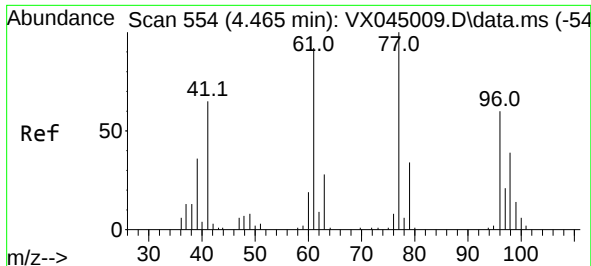
Delta R.T. 0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Tgt Ion: 43	Resp: 27372
Ion Ratio	Lower Upper
43	100
57	3.5 6.2 9.2#
72	26.4 20.2 30.2





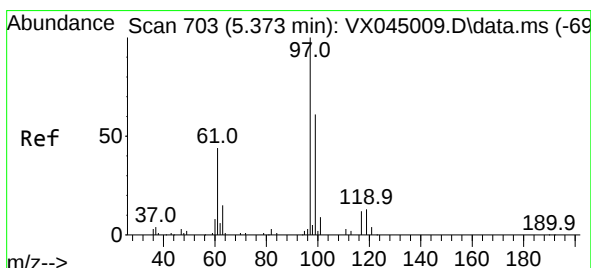
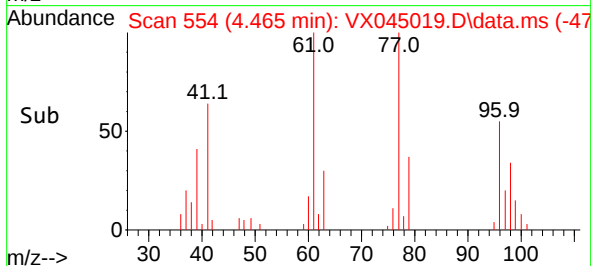
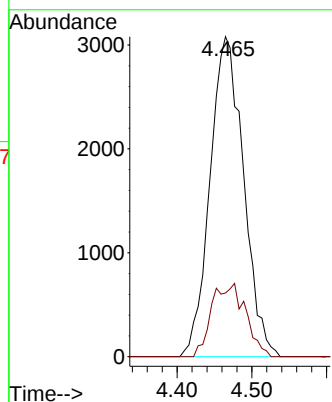
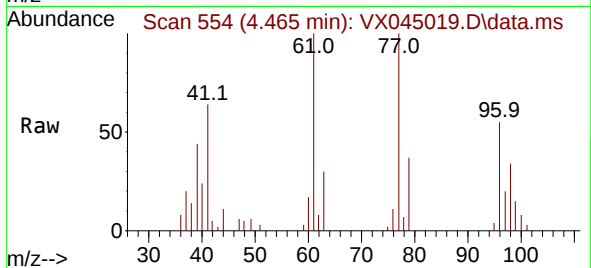
#31
2,2-Dichloropropane
Concen: 5.033 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 77 Resp: 960
Ion Ratio Lower Upper
77 100
97 12.2 18.0 27.0

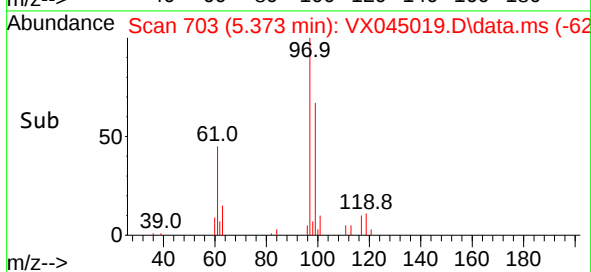
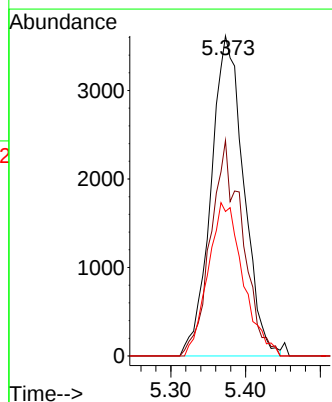
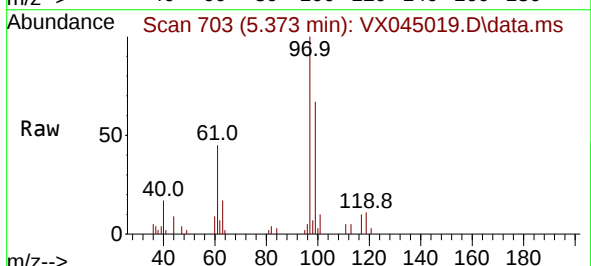
Manual Integrations
APPROVED

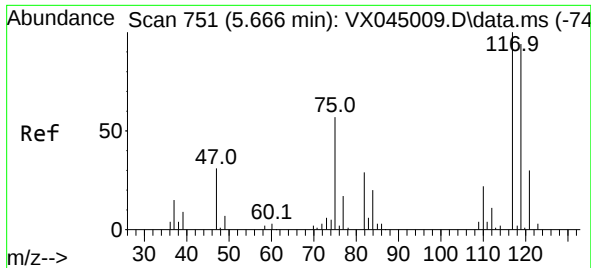
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 5.386 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

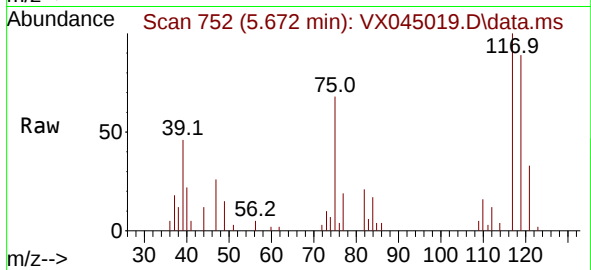
Tgt Ion: 97 Resp: 11010
Ion Ratio Lower Upper
97 100
99 40.3 52.2 78.2#
61 51.0 38.5 57.7





#33
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

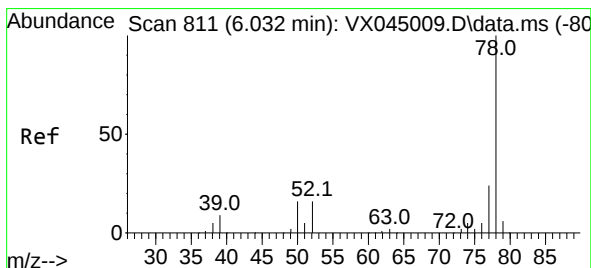
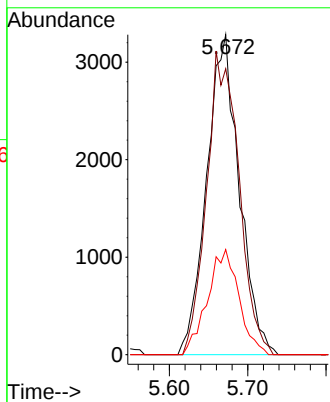
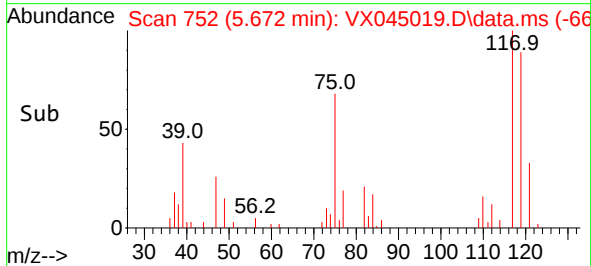
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



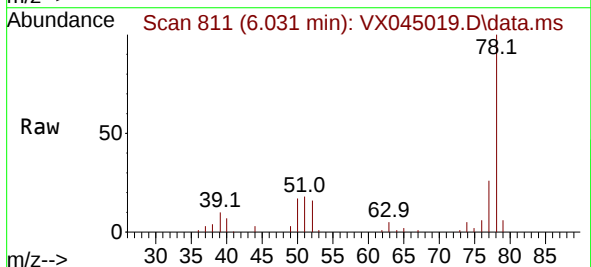
Tgt Ion:117 Resp: 948
Ion Ratio Lower Upper
117 100
119 89.4 75.1 112.7
121 32.9 23.9 35.9

Manual Integrations
APPROVED

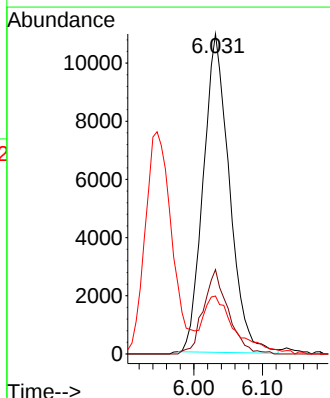
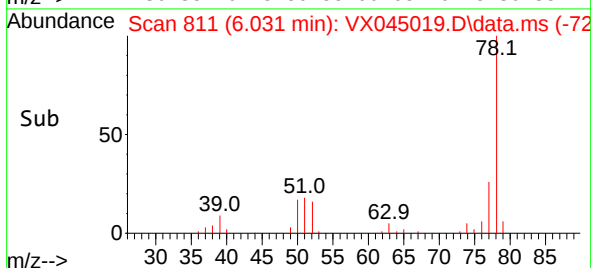
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#34
Benzene
Concen: 5.469 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



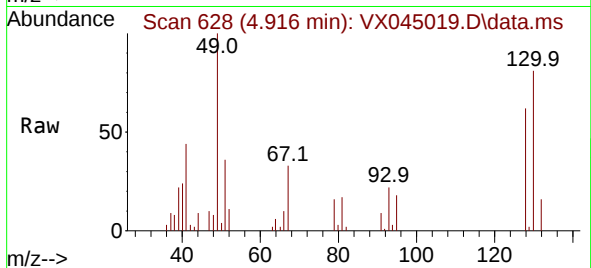
Tgt Ion: 78 Resp: 28936
Ion Ratio Lower Upper
78 100
77 26.5 19.6 29.4
51 17.0 13.8 20.6





#35
Methacrylonitrile
Concen: 5.358 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

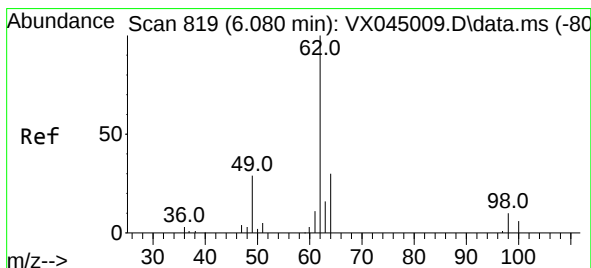
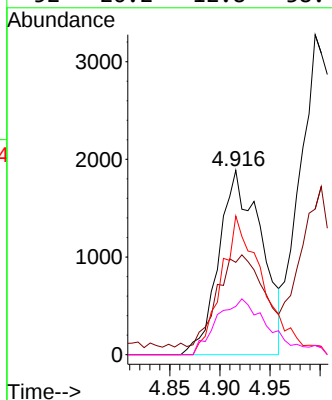
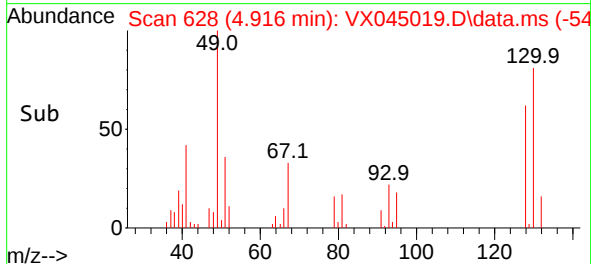
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 41 Resp: 558
Ion Ratio Lower Upper
41 100
39 50.1 27.8 83.4
67 75.3 31.5 94.5
52 26.2 12.8 38.4

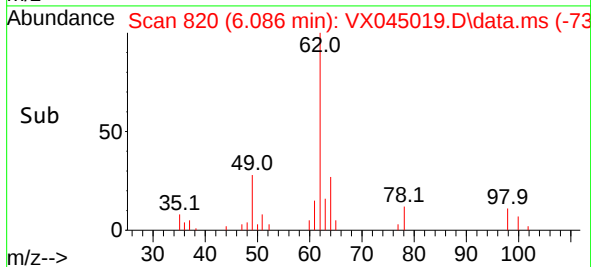
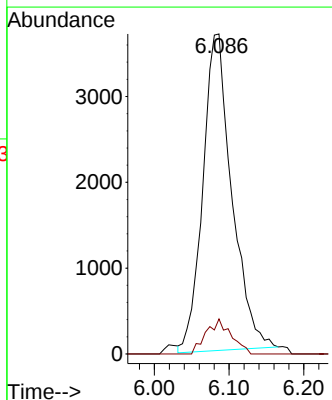
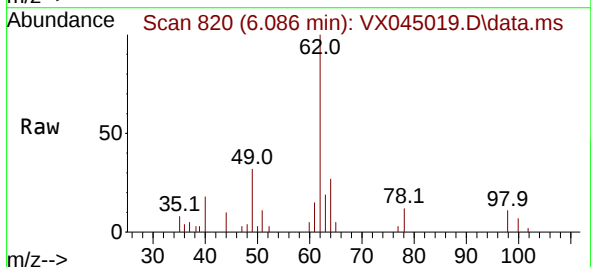
Manual Integrations
APPROVED

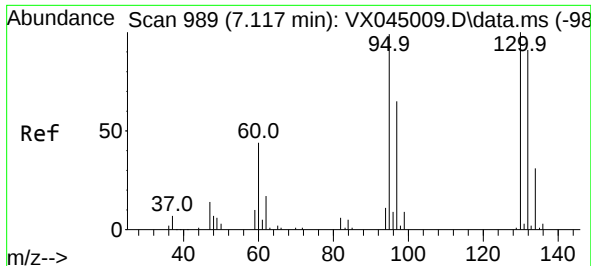
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 5.502 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

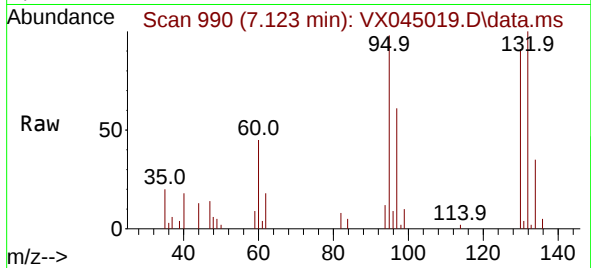
Tgt Ion: 62 Resp: 9966
Ion Ratio Lower Upper
62 100
98 5.4 7.9 11.9#





#37
Trichloroethene
Concen: 5.288 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

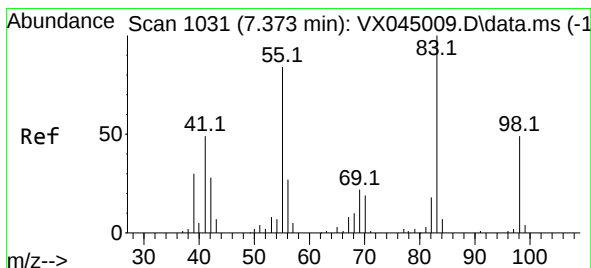
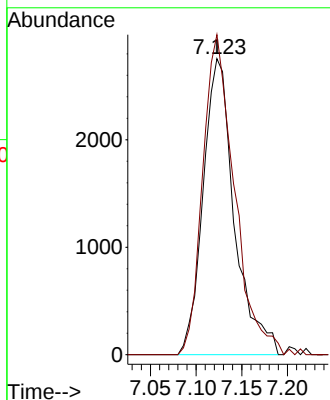
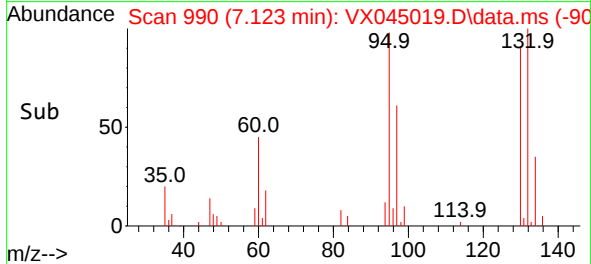
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



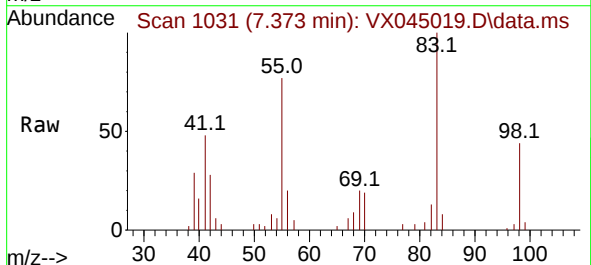
Tgt Ion:130 Resp: 6540
Ion Ratio Lower Upper
130 100
95 108.1 79.0 118.4

Manual Integrations
APPROVED

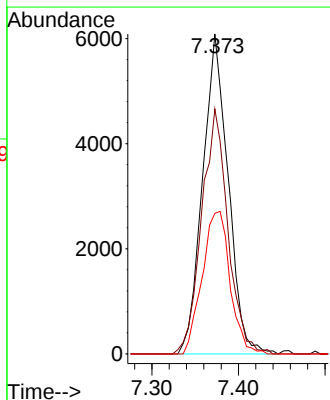
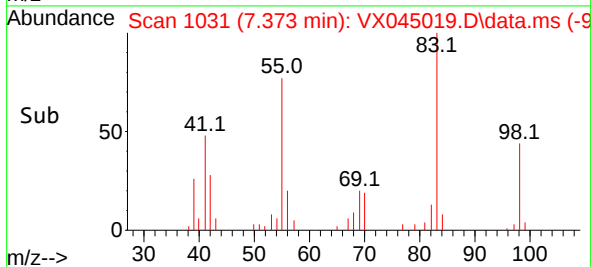
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

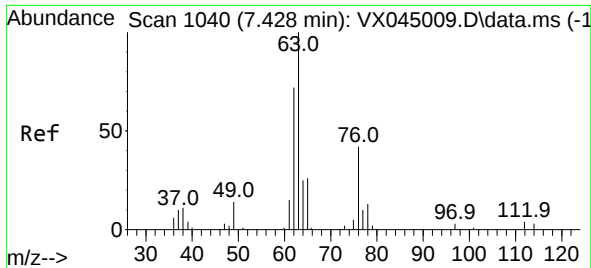


#38
Methylcyclohexane
Concen: 5.495 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



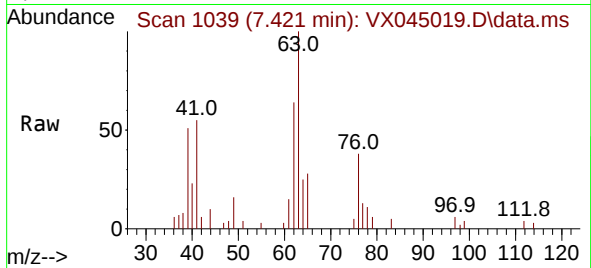
Tgt Ion: 83 Resp: 12449
Ion Ratio Lower Upper
83 100
55 78.8 40.6 122.0
98 48.7 24.9 74.6





#39
1,2-Dichloropropane
Concen: 5.512 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

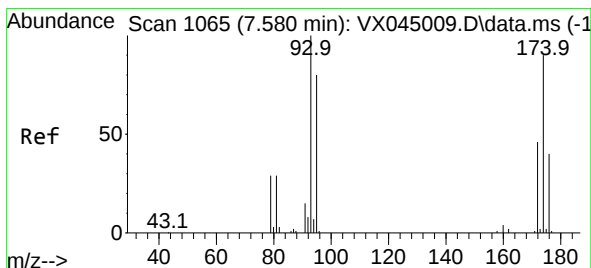
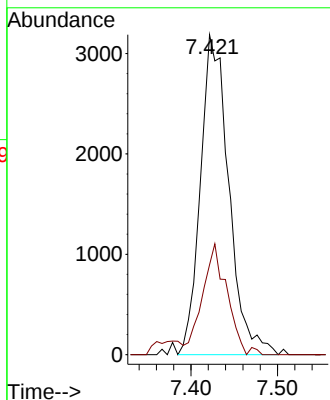
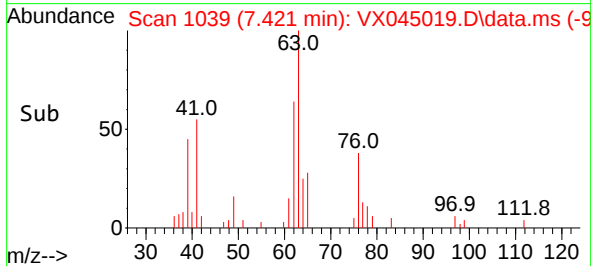
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 63 Resp: 7250
Ion Ratio Lower Upper
63 100
65 28.1 24.3 36.5

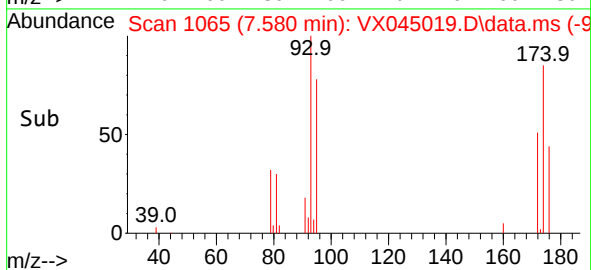
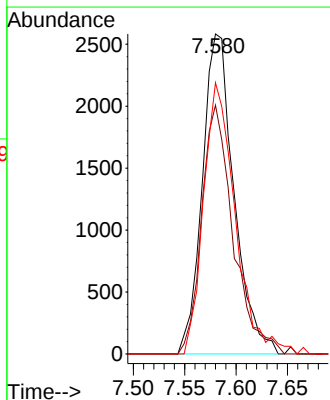
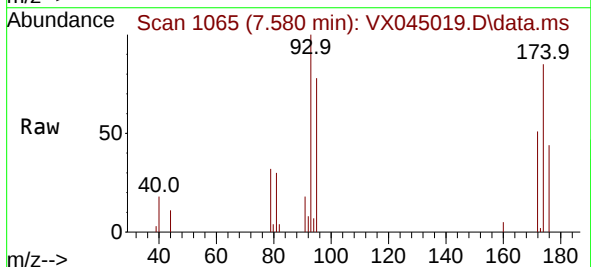
Manual Integrations
APPROVED

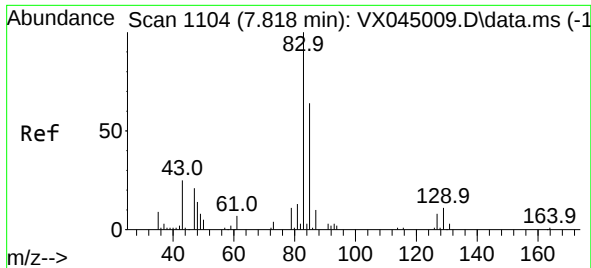
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#40
Dibromomethane
Concen: 5.869 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

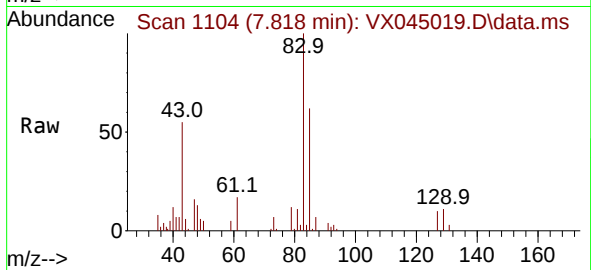
Tgt Ion: 93 Resp: 5540
Ion Ratio Lower Upper
93 100
95 77.0 0.0 162.6
174 82.6 0.0 178.8





#41
Bromodichloromethane
Concen: 5.387 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

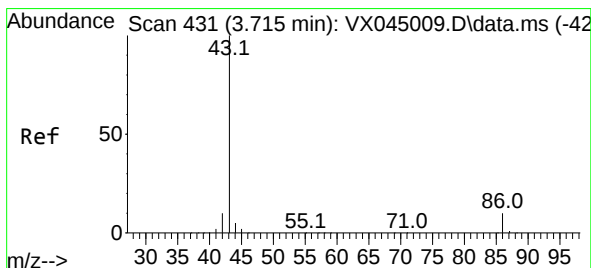
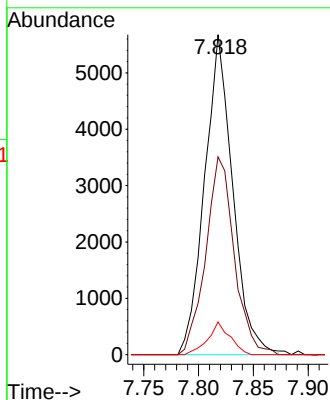
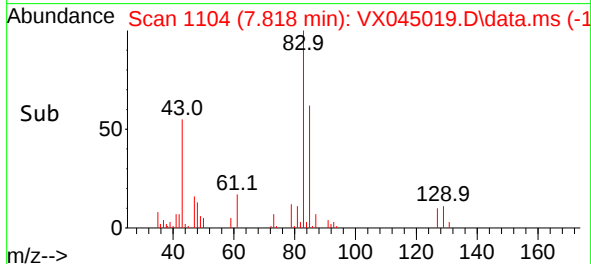
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 83 Resp: 10100
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.6
127 10.2 6.1 9.1

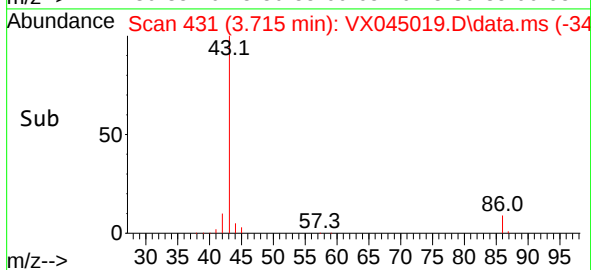
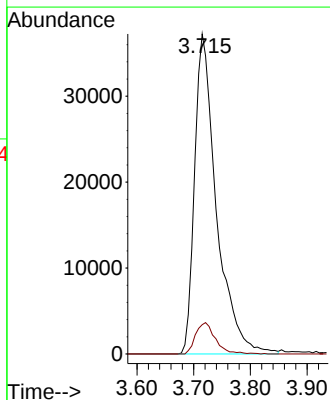
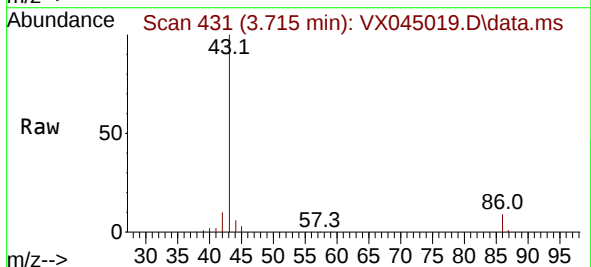
Manual Integrations
APPROVED

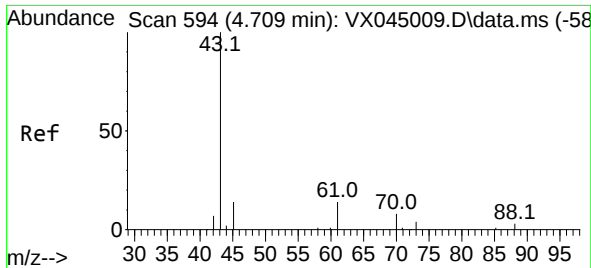
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 26.357 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

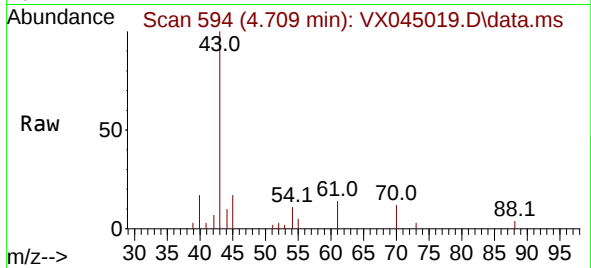
Tgt Ion: 43 Resp: 99671
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43
Ethyl Acetate
Concen: 4.849 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

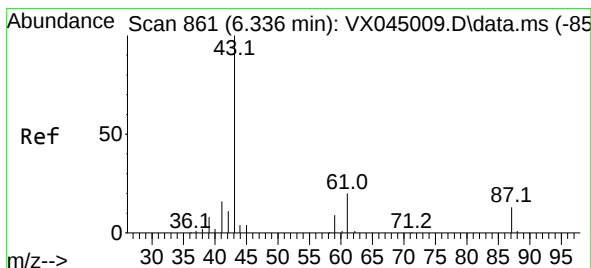
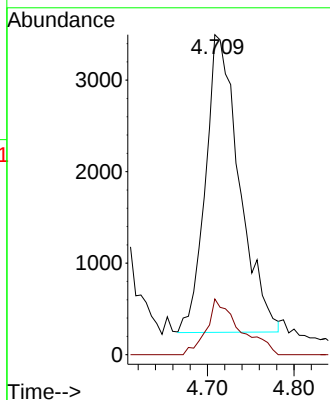
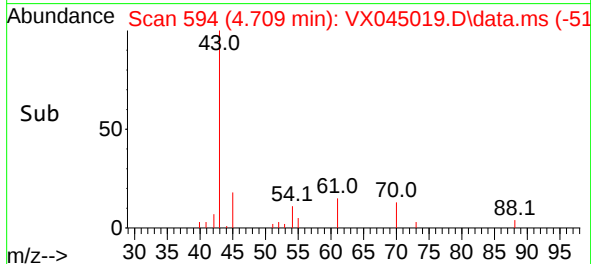
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
45 18.3 12.7 19.1

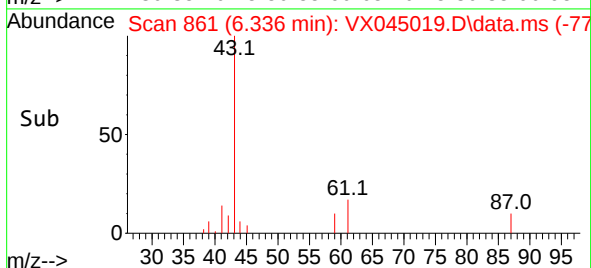
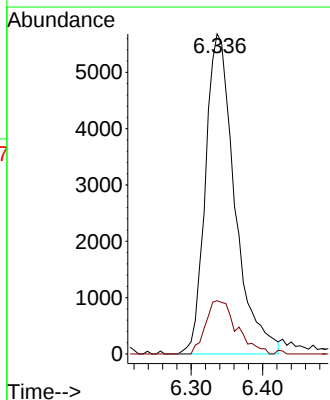
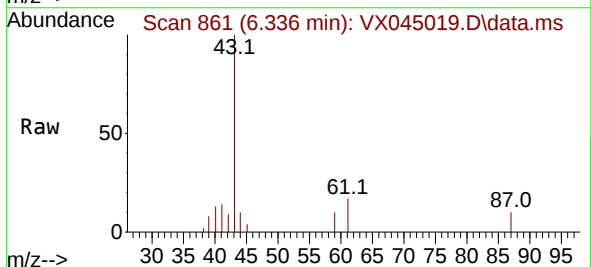
Manual Integrations
APPROVED

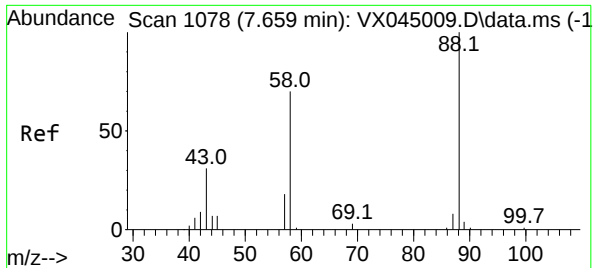
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 5.379 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 43 Resp: 16178
Ion Ratio Lower Upper
43 100
61 14.1 15.5 23.3#





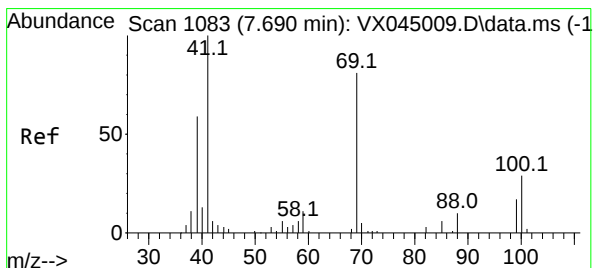
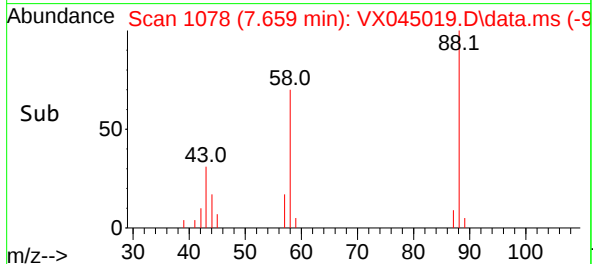
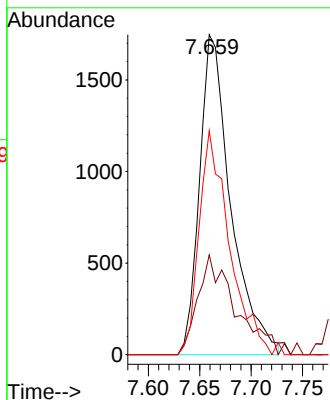
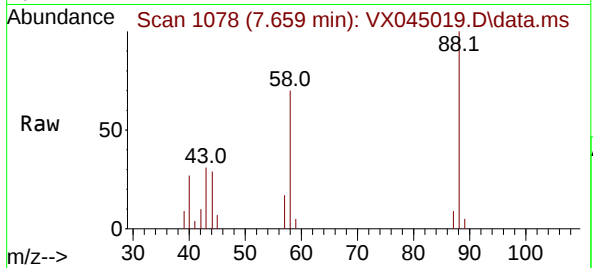
#45
1,4-Dioxane
Concen: 118.460 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 88 Resp: 3704
Ion Ratio Lower Upper
88 100
43 18.2 29.6 44.4
58 67.5 56.2 84.4

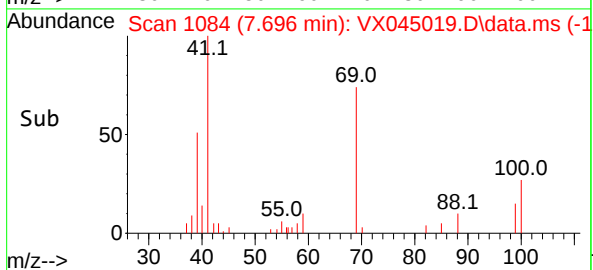
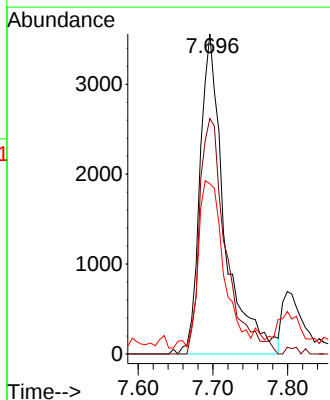
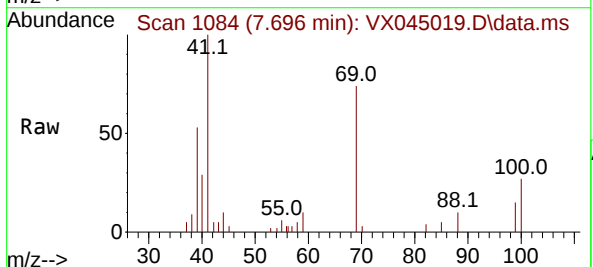
Manual Integrations
APPROVED

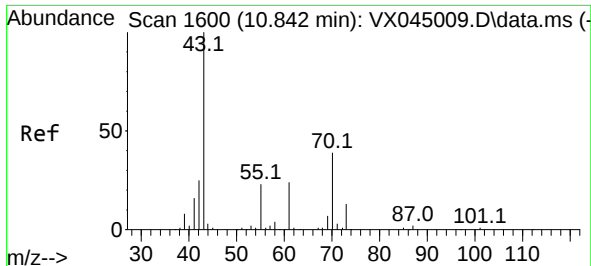
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 5.501 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 41 Resp: 8114
Ion Ratio Lower Upper
41 100
69 73.6 40.7 122.1
39 49.2 29.5 88.5





#47

n-amyl acetate

Concen: 5.012 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

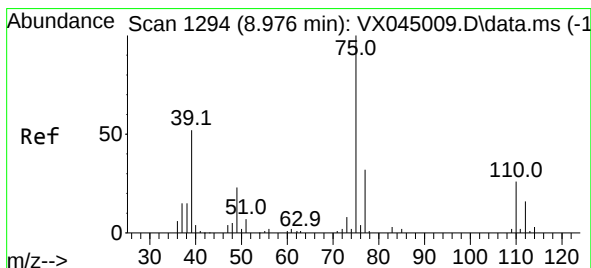
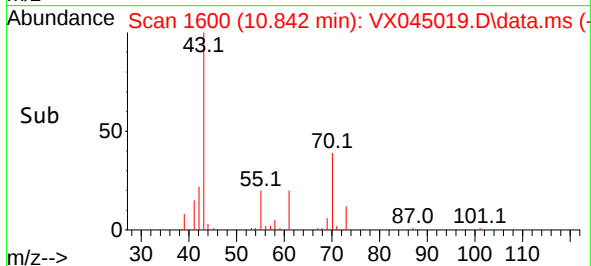
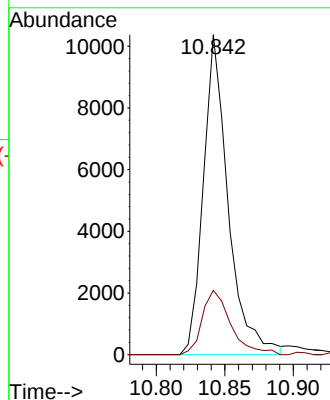
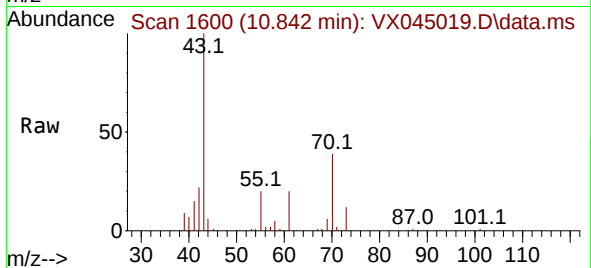
55 23.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#48

t-1,3-Dichloropropene

Concen: 4.586 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045019.D

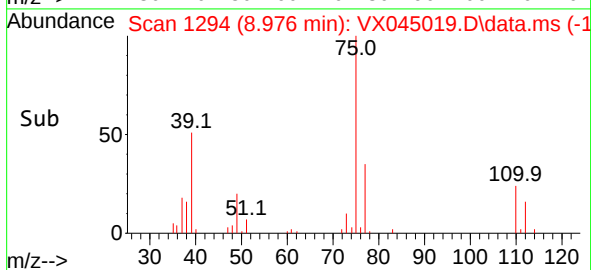
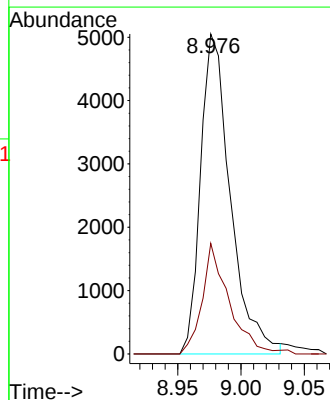
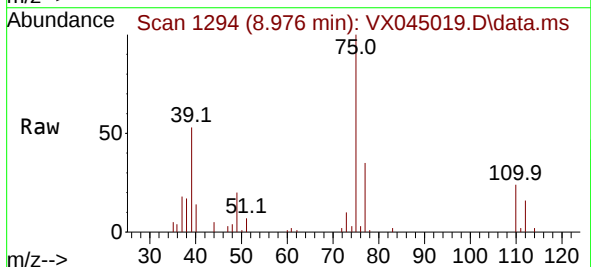
Acq: 21 Feb 2025 15:38

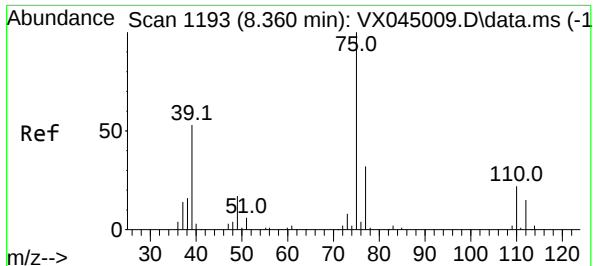
Tgt Ion: 75 Resp: 8292

Ion Ratio Lower Upper

75 100

77 34.5 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 4.931 ug/l

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

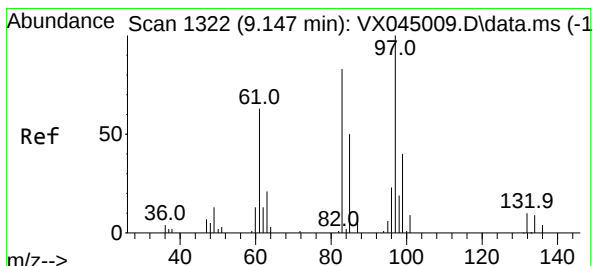
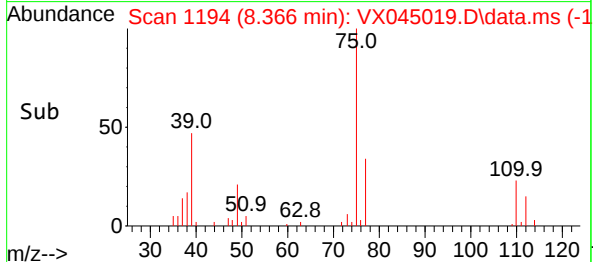
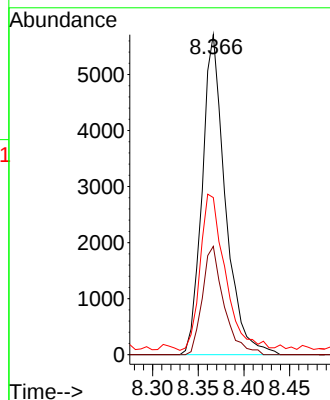
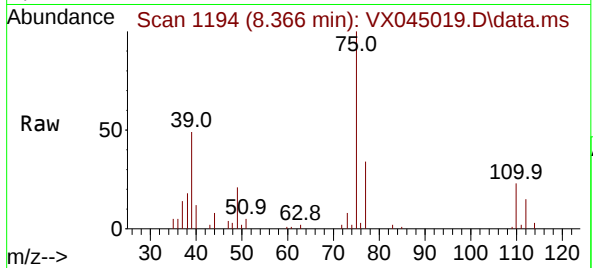
Tgt Ion: 75	Resp: 10094
Ion Ratio	Lower Upper
75 100	
77 33.9	25.9 38.9
39 47.7	42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 5.591 ug/l

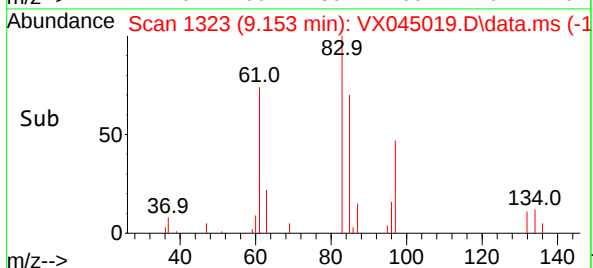
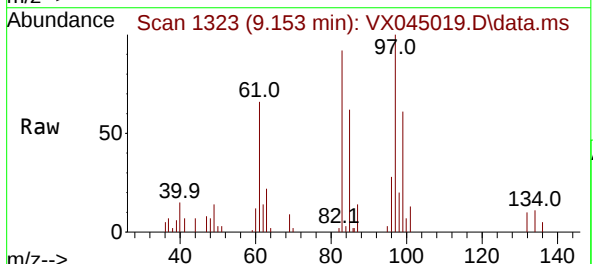
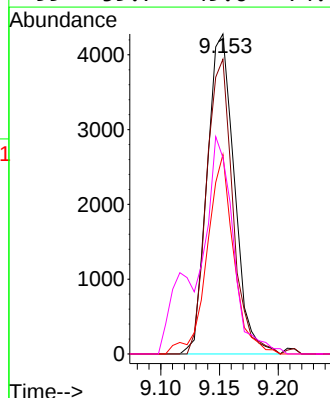
RT: 9.153 min Scan# 1323

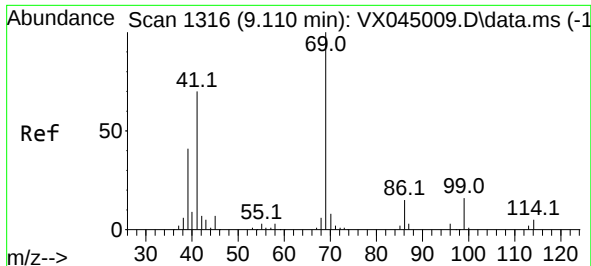
Delta R.T. 0.006 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

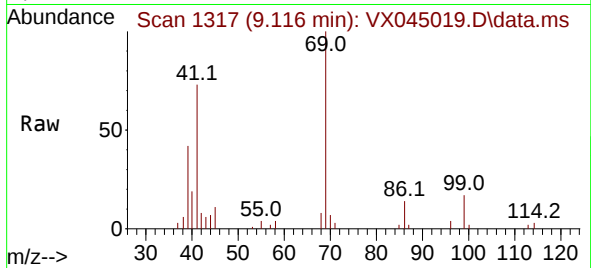
Tgt Ion: 97	Resp: 6884
Ion Ratio	Lower Upper
97 100	
83 92.1	66.0 99.0
85 62.3	42.5 63.7
99 59.7	49.6 74.4





#51
Ethyl methacrylate
Concen: 5.150 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

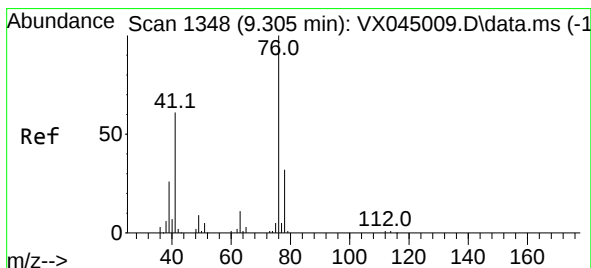
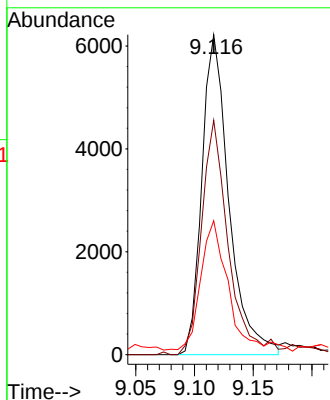
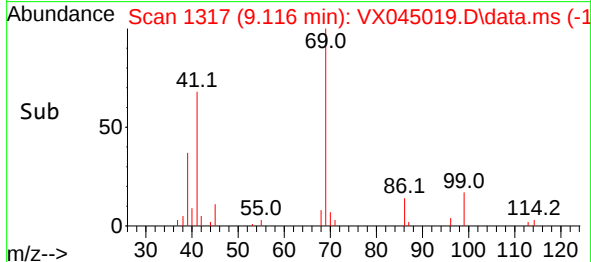
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 69 Resp: 9972
Ion Ratio Lower Upper
69 100
41 73.2 35.1 105.3
39 40.3 20.5 61.6

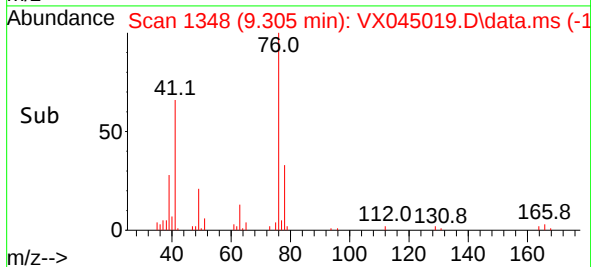
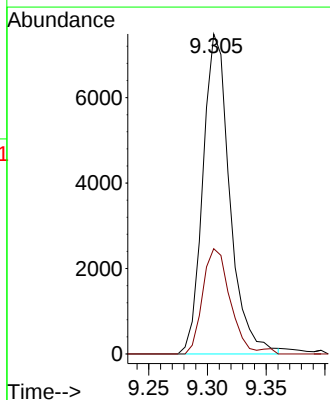
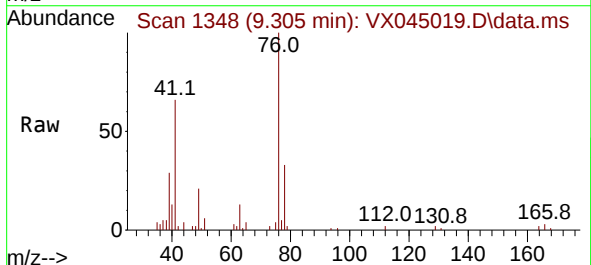
Manual Integrations
APPROVED

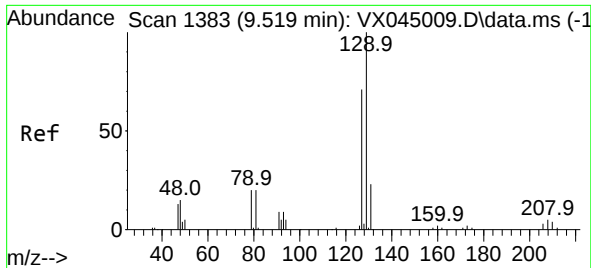
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
1,3-Dichloropropane
Concen: 5.518 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

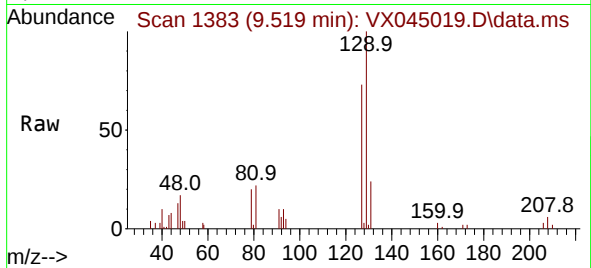
Tgt Ion: 76 Resp: 11905
Ion Ratio Lower Upper
76 100
78 33.1 0.0 63.6





#53
Dibromochloromethane
Concen: 5.149 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

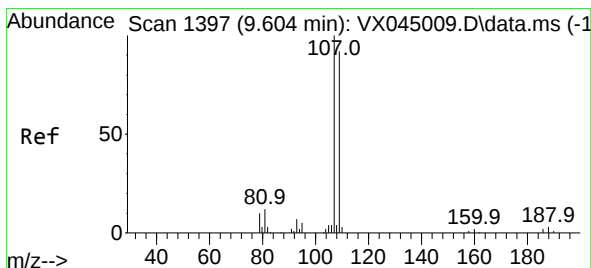
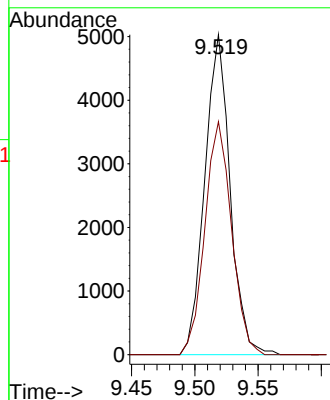
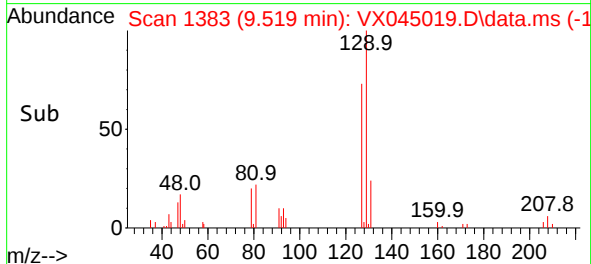
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:129 Resp: 701
Ion Ratio Lower Upper
129 100
127 76.7 37.3 111.9

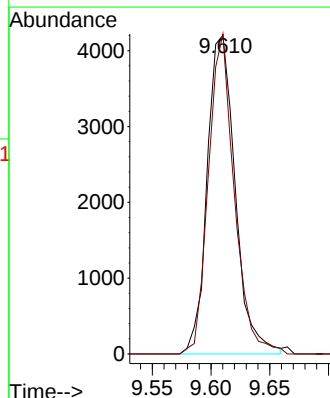
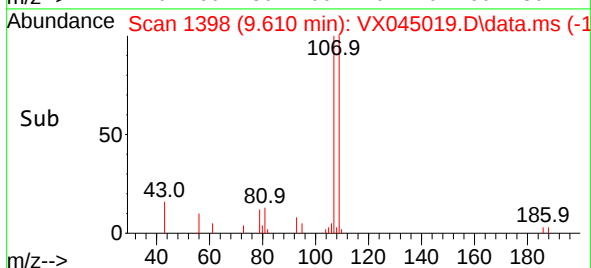
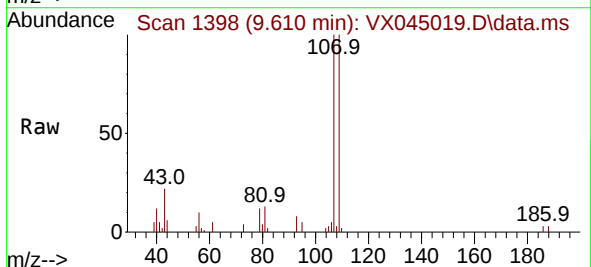
Manual Integrations
APPROVED

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



#54
1,2-Dibromoethane
Concen: 5.571 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion:107 Resp: 6965
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.8





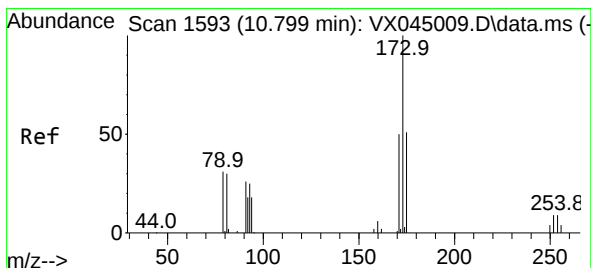
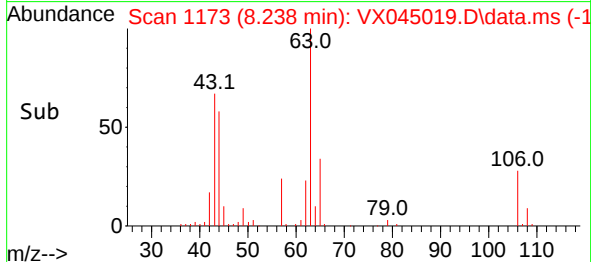
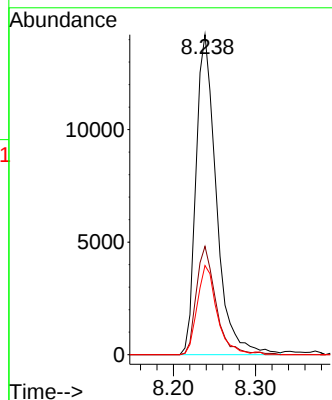
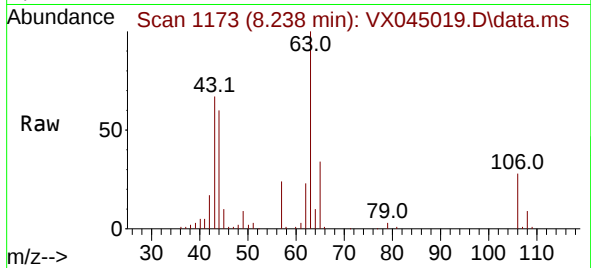
#55
2-Chloroethyl vinyl ether
Concen: 24.634 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 63 Resp: 24490
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 26.9 21.2 31.8

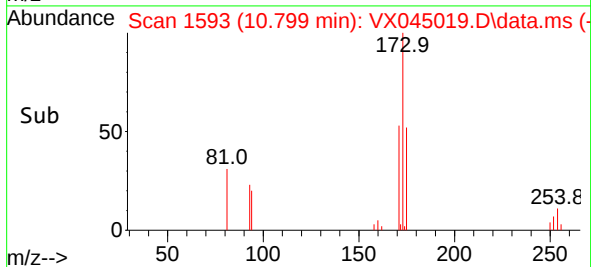
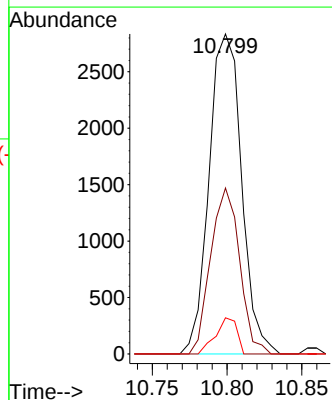
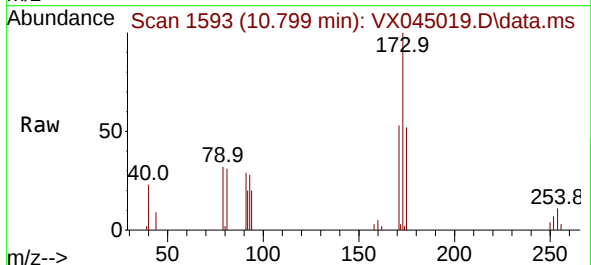
Manual Integrations
APPROVED

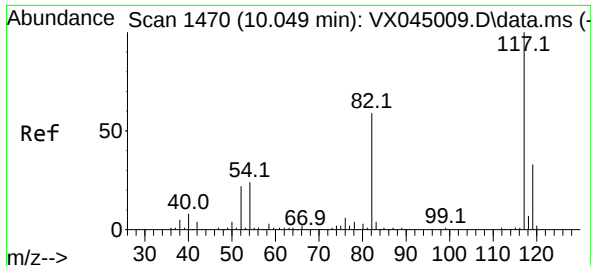
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 5.025 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion:173 Resp: 4288
Ion Ratio Lower Upper
173 100
175 46.1 39.6 59.4
254 7.4 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: VX045019.D

Acq: 21 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

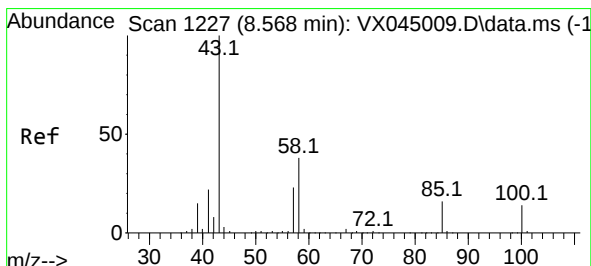
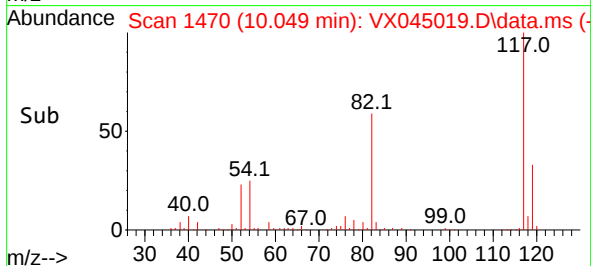
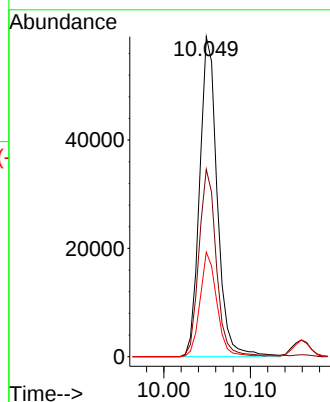
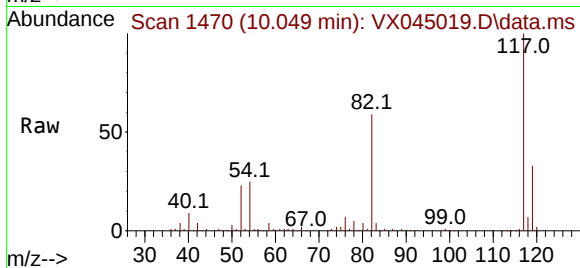
Tgt Ion:	117	Resp:	83758
Ion Ratio	Lower	Upper	
117	100		
82	57.6	45.8	68.8
119	31.1	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 28.328 ug/l

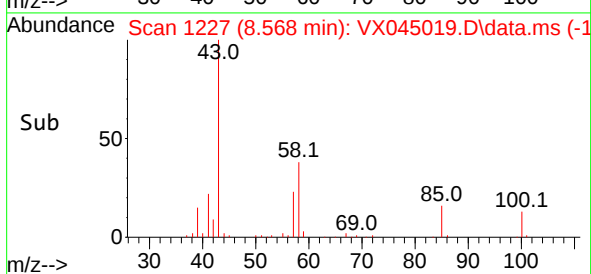
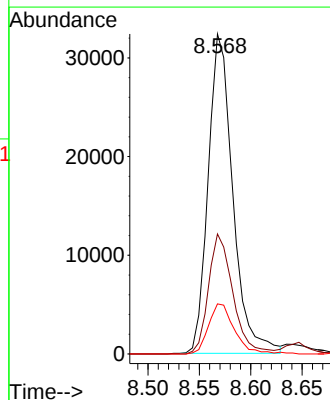
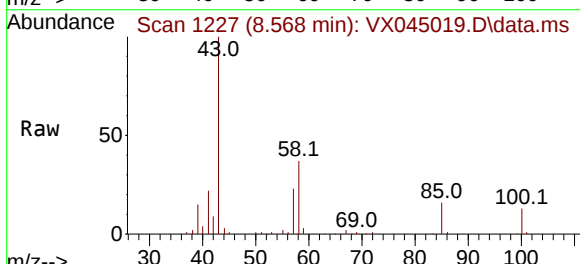
RT: 8.568 min Scan# 1227

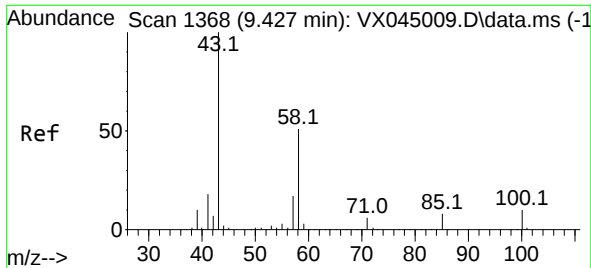
Delta R.T. -0.000 min

Lab File: VX045019.D

Acq: 21 Feb 2025 15:38

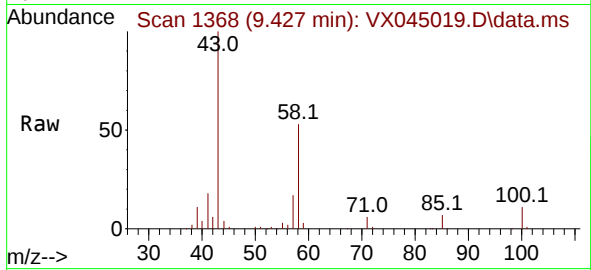
Tgt Ion:	43	Resp:	53974
Ion Ratio	Lower	Upper	
43	100		
58	37.2	29.5	44.3
85	16.3	12.9	19.3





#59
2-Hexanone
Concen: 28.566 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

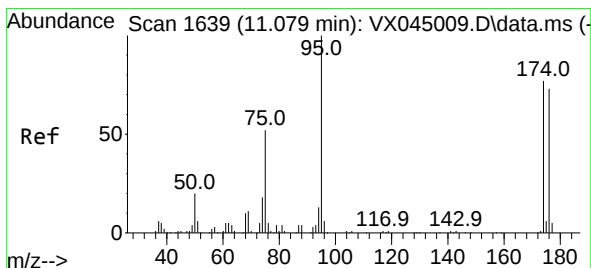
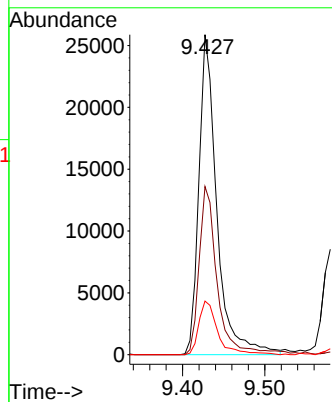
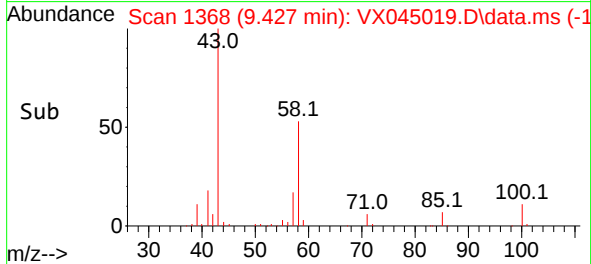
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 39340
Ion Ratio Lower Upper
43 100
58 53.1 41.6 62.4
57 17.7 13.8 20.6

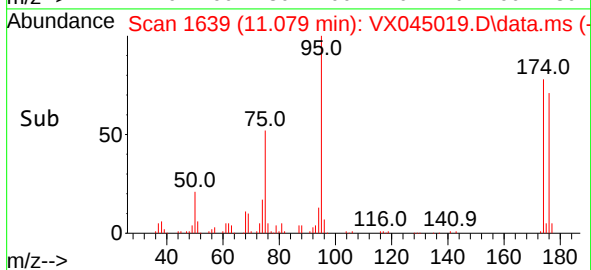
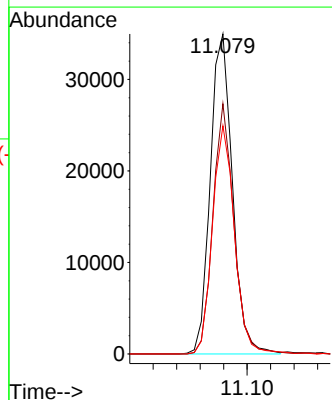
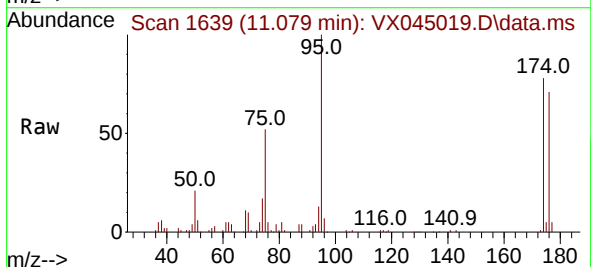
Manual Integrations
APPROVED

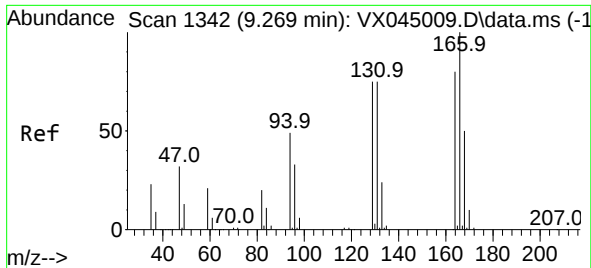
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 29.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

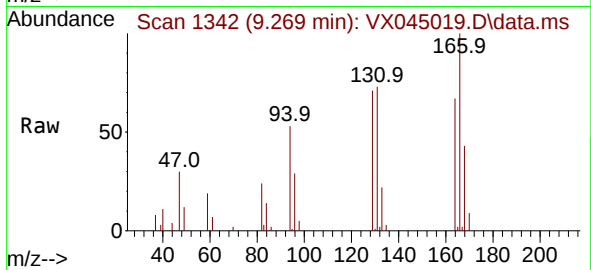
Tgt Ion: 95 Resp: 45647
Ion Ratio Lower Upper
95 100
174 74.1 59.5 89.3
176 71.2 55.5 83.3





#61
Tetrachloroethene
Concen: 5.554 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

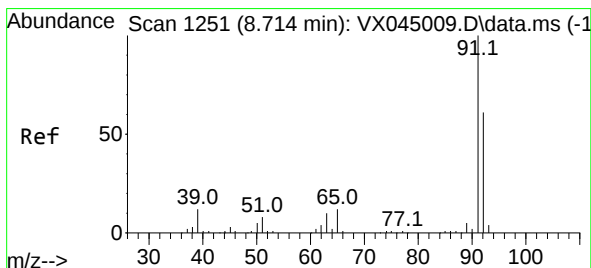
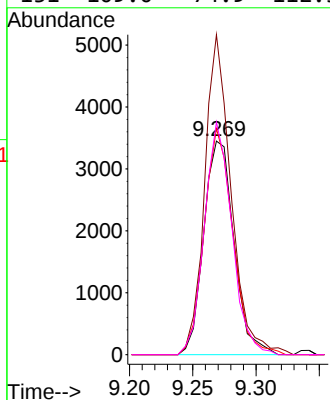
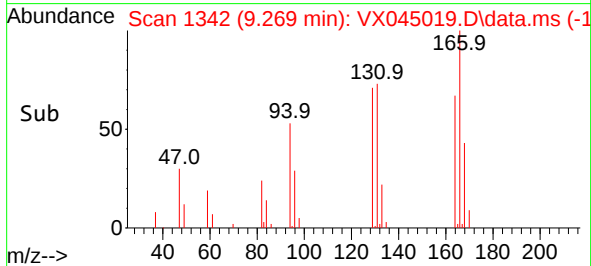
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:164 Resp: 5728
Ion Ratio Lower Upper
164 100
166 149.8 100.3 150.5
129 105.8 75.5 113.3
131 109.0 74.9 112.3

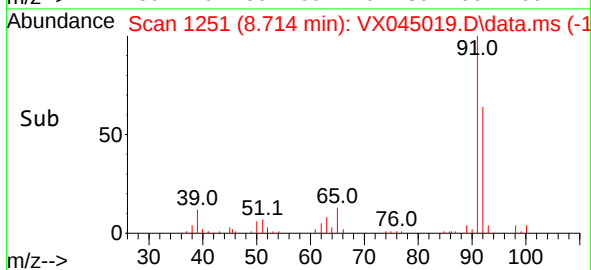
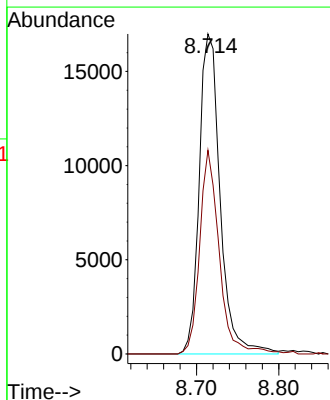
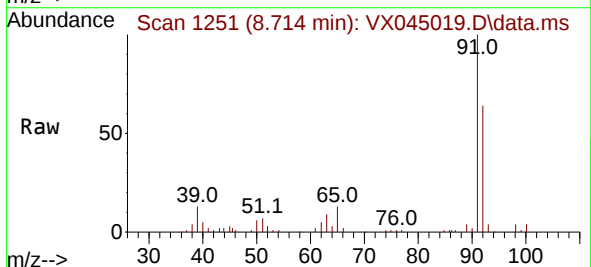
Manual Integrations
APPROVED

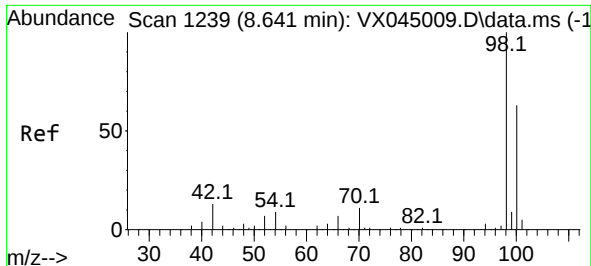
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#62
Toluene
Concen: 5.429 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

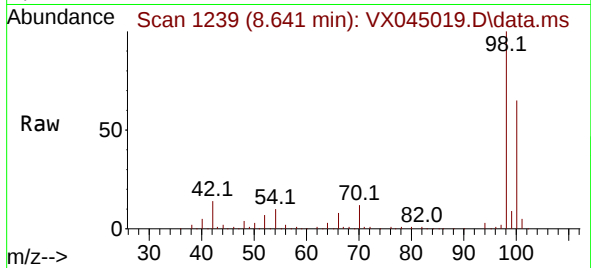
Tgt Ion: 91 Resp: 30122
Ion Ratio Lower Upper
91 100
92 57.9 46.9 70.3





#63
Toluene-d8
Concen: 29.953 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

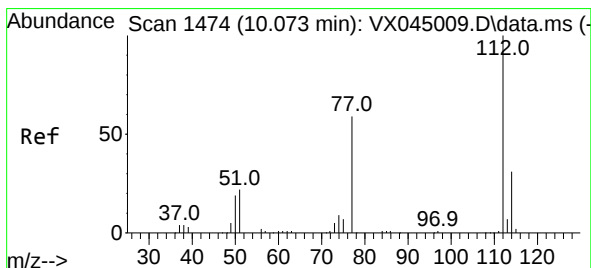
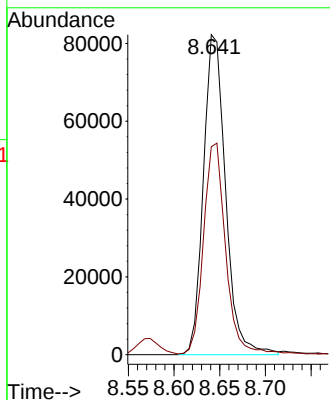
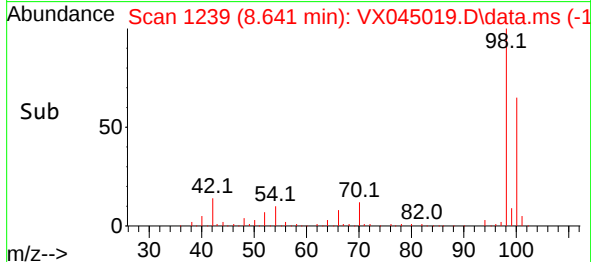
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 98 Resp: 138790
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

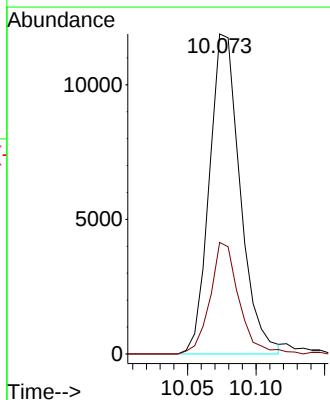
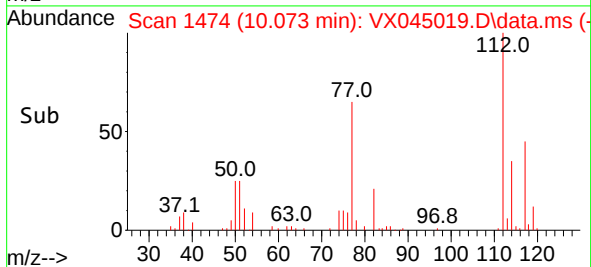
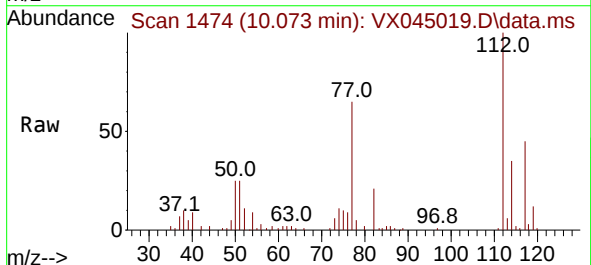
Manual Integrations
APPROVED

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



#64
Chlorobenzene
Concen: 5.409 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

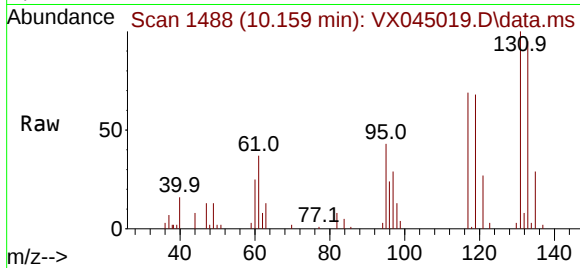
Tgt Ion:112 Resp: 18597
Ion Ratio Lower Upper
112 100
114 34.8 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 5.230 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

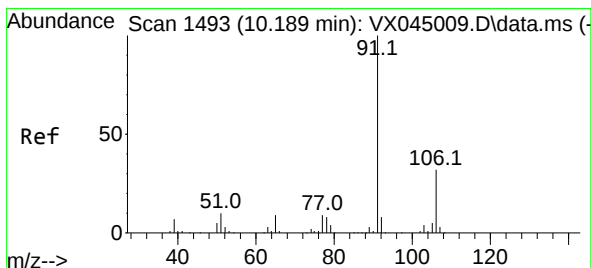
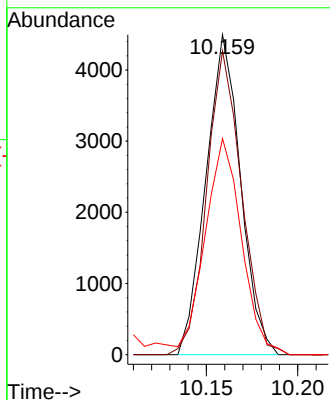
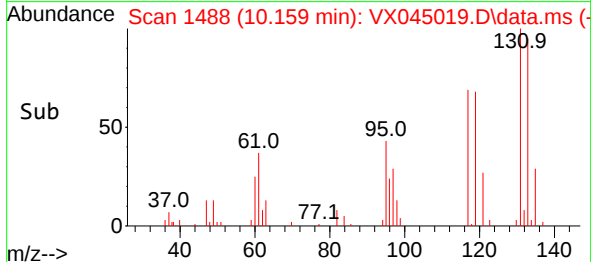
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:131 Resp: 5938
Ion Ratio Lower Upper
131 100
133 95.2 0.0 187.8
119 70.5 0.0 133.0

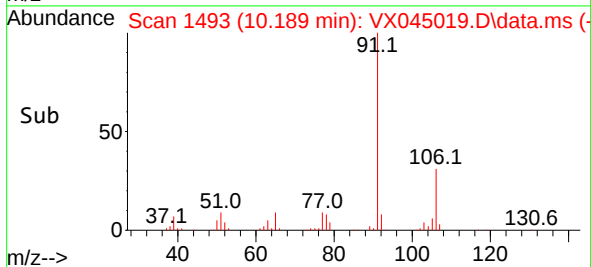
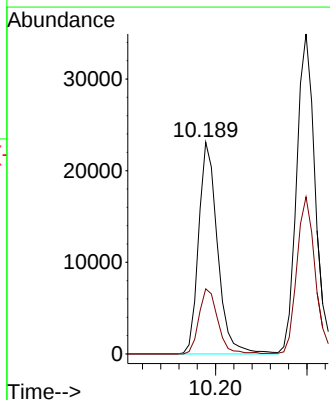
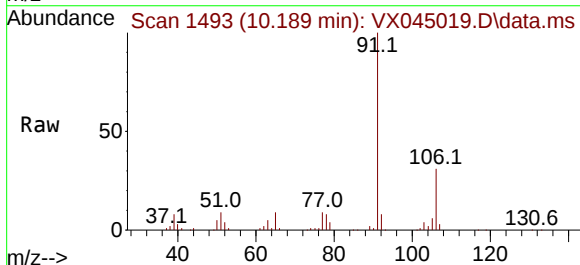
Manual Integrations
APPROVED

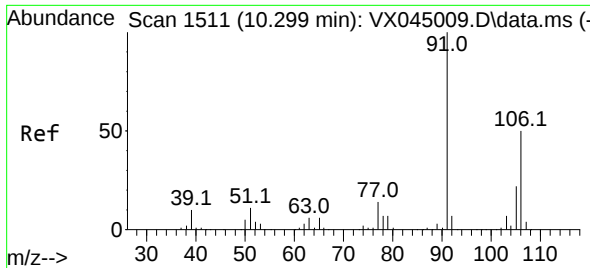
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 5.471 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 91 Resp: 33235
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2





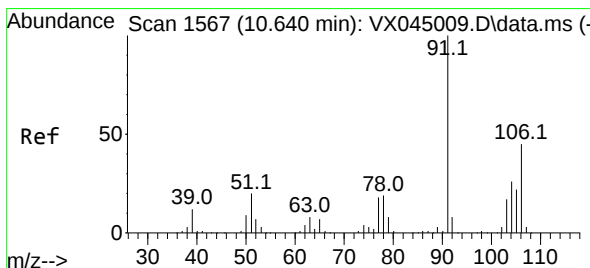
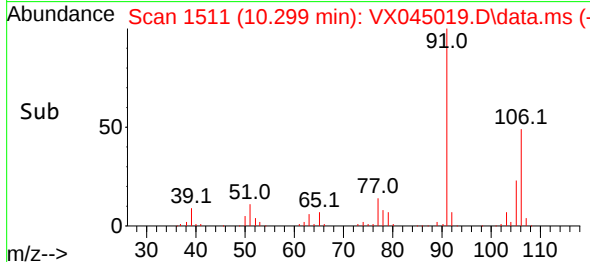
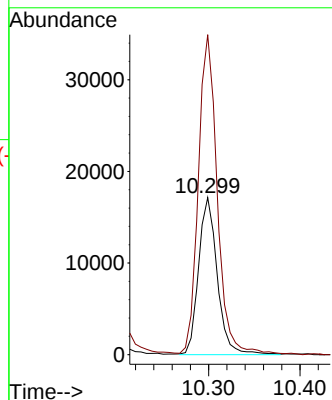
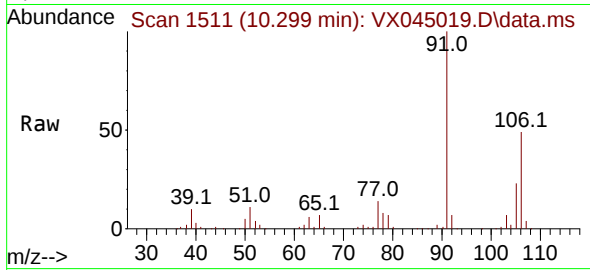
#67
m/p-Xylenes
Concen: 10.803 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:106 Resp: 24450
Ion Ratio Lower Upper
106 100
91 206.2 163.7 245.5

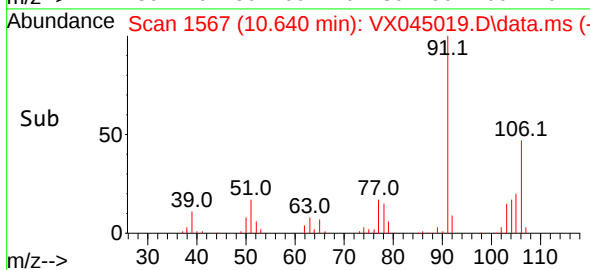
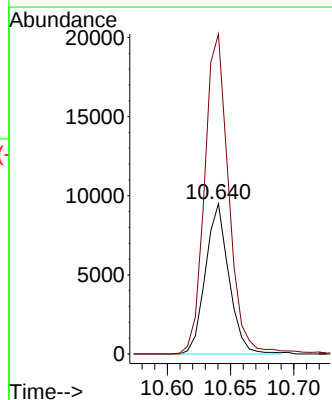
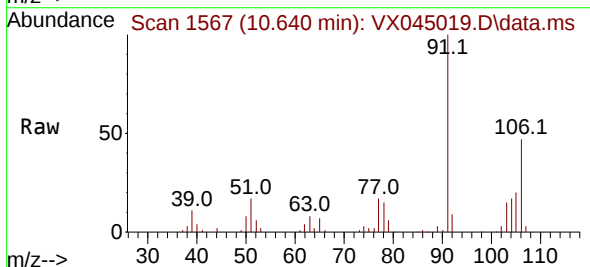
Manual Integrations
APPROVED

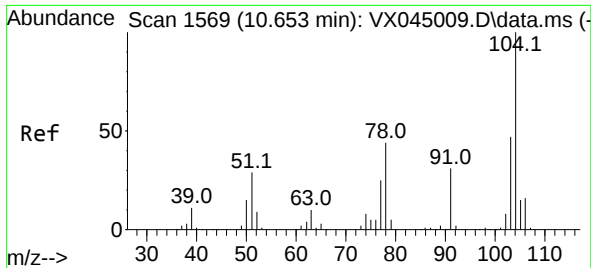
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 5.518 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

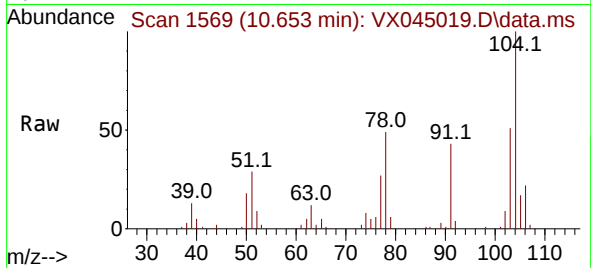
Tgt Ion:106 Resp: 12254
Ion Ratio Lower Upper
106 100
91 216.3 109.7 329.1





#69
Styrene
Concen: 5.039 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

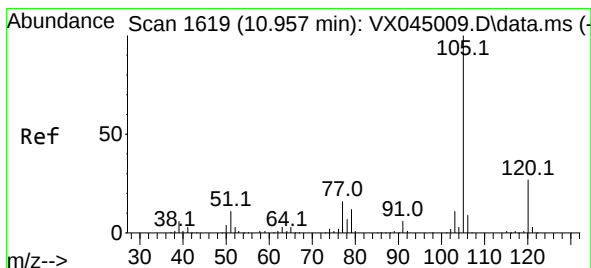
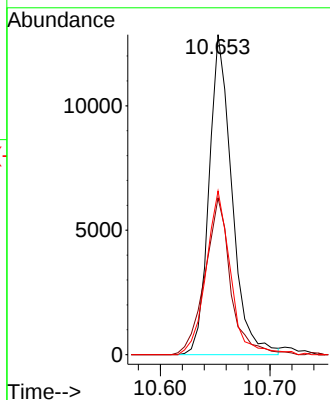
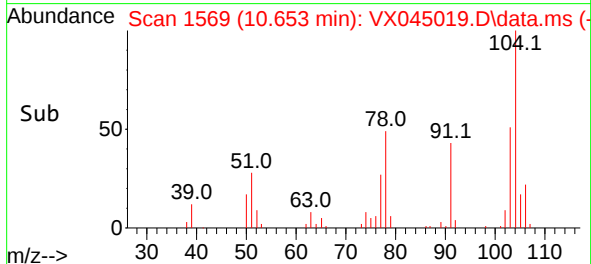
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



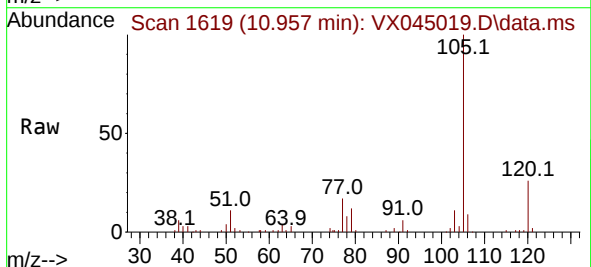
Tgt Ion:104 Resp: 1868
Ion Ratio Lower Upper
104 100
78 54.8 41.4 62.0
103 54.6 43.0 64.4

Manual Integrations
APPROVED

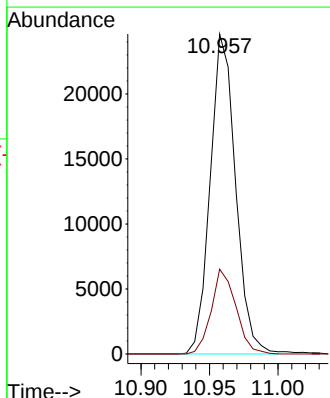
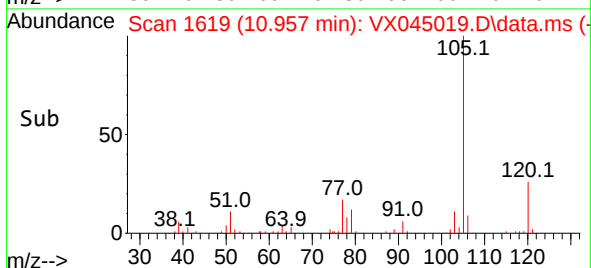
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

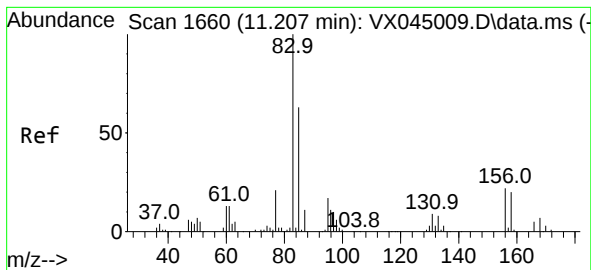


#70
Isopropylbenzene
Concen: 5.524 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



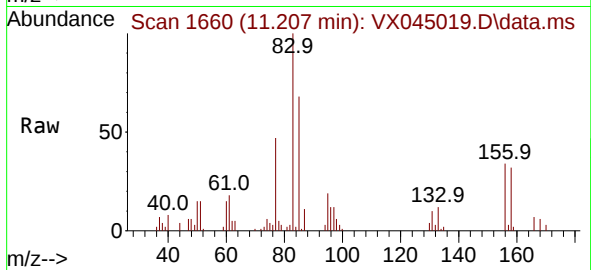
Tgt Ion:105 Resp: 31655
Ion Ratio Lower Upper
105 100
120 25.7 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 5.984 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

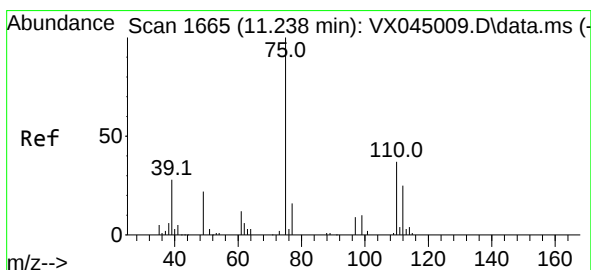
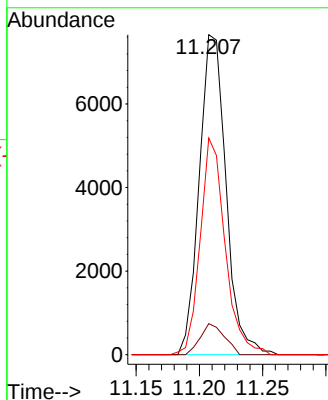
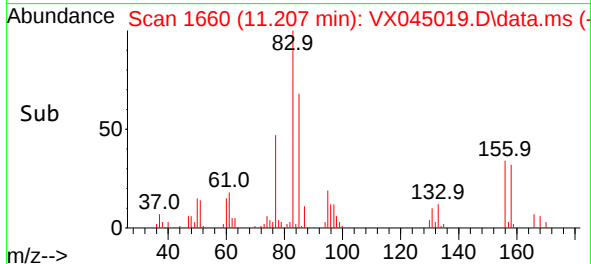
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 83 Resp: 1127
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 63.1 32.3 96.8

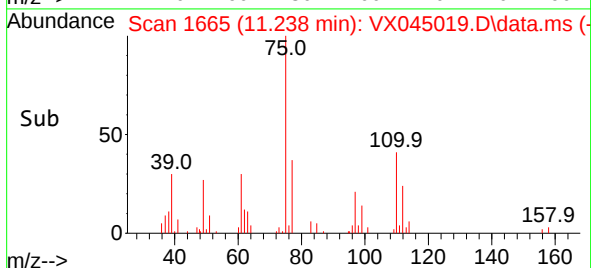
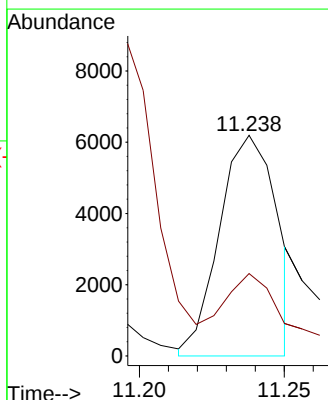
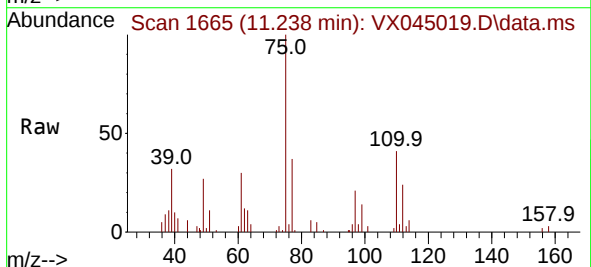
Manual Integrations
APPROVED

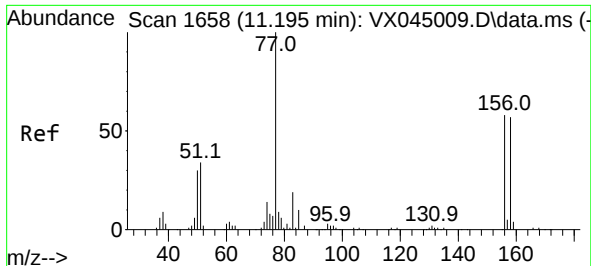
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 5.536 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

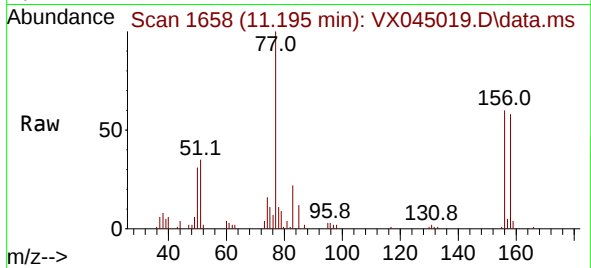
Tgt Ion: 75 Resp: 8581
Ion Ratio Lower Upper
75 100
77 42.8 0.0 84.0





#73
Bromobenzene
Concen: 5.713 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

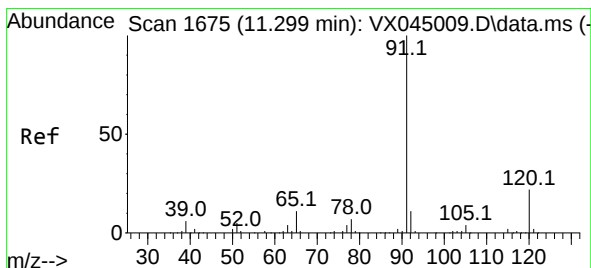
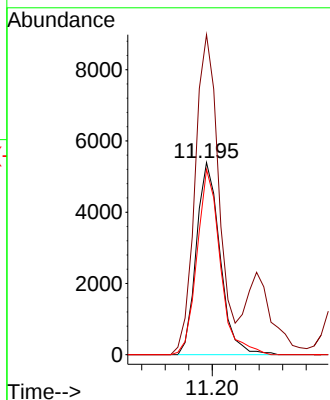
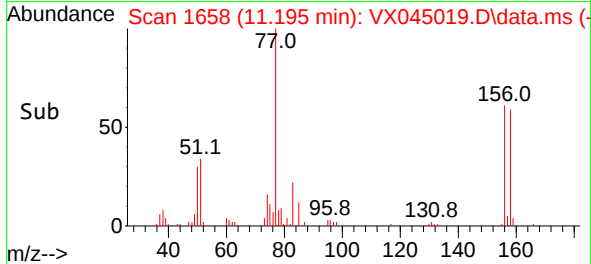
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



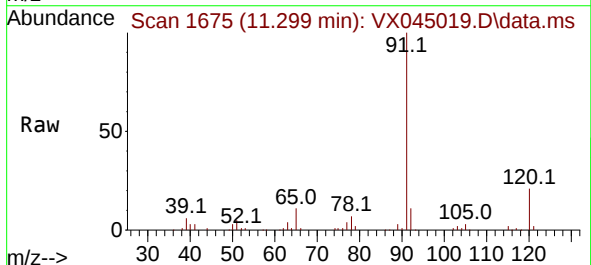
Tgt Ion:156 Resp: 753
Ion Ratio Lower Upper
156 100
77 167.3 0.0 347.2
158 95.0 0.0 197.6

Manual Integrations
APPROVED

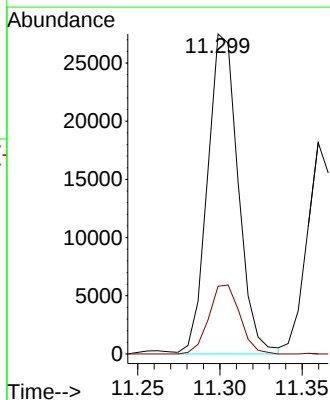
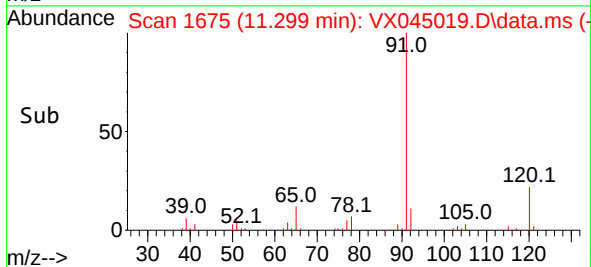
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

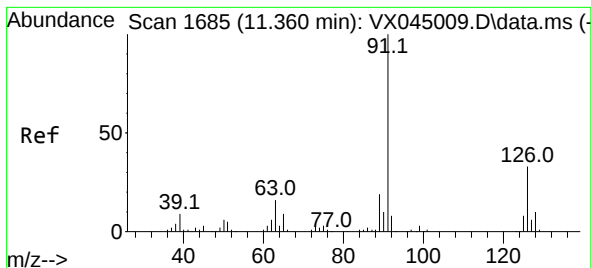


#74
n-propylbenzene
Concen: 5.233 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



Tgt Ion: 91 Resp: 35689
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.2





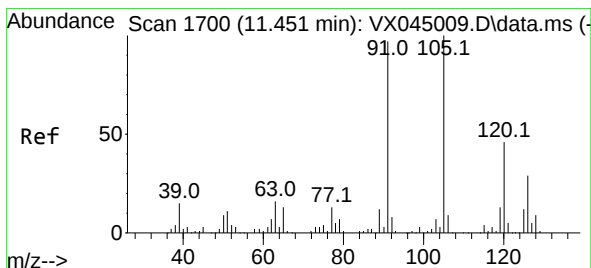
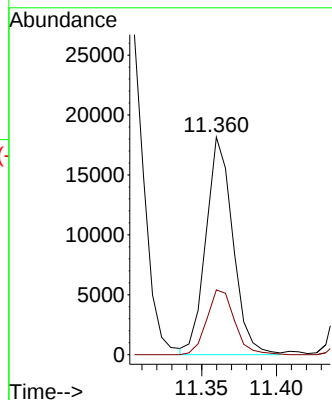
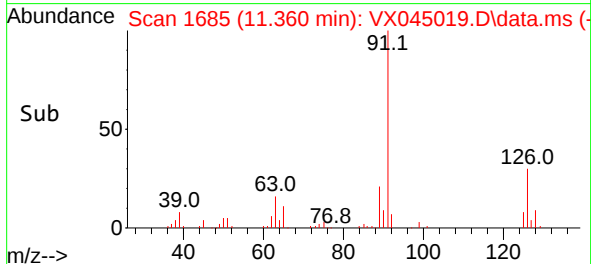
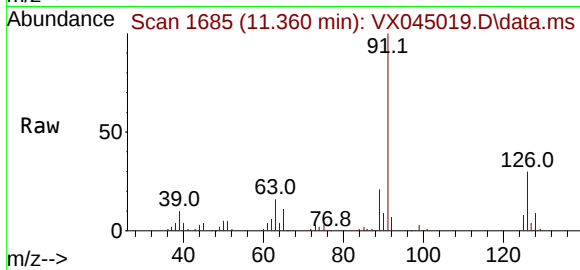
#75
2-Chlorotoluene
Concen: 5.529 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 22794
Ion Ratio Lower Upper
91 100
126 30.6 0.0 65.4

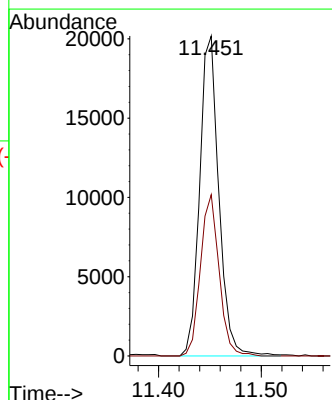
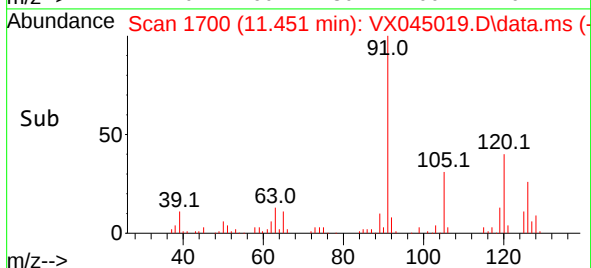
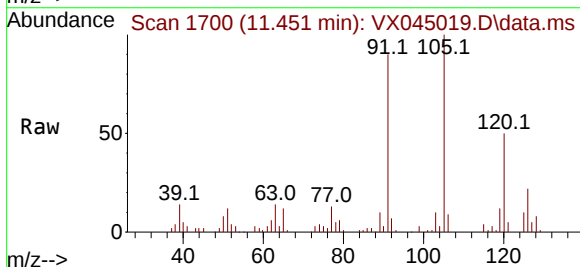
Manual Integrations
APPROVED

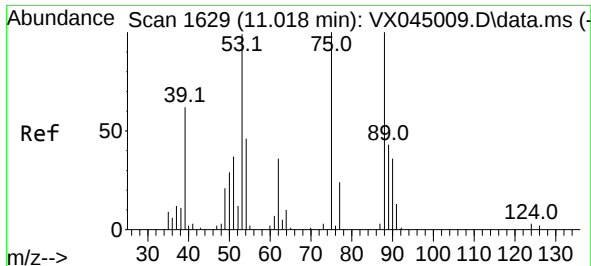
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 5.549 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

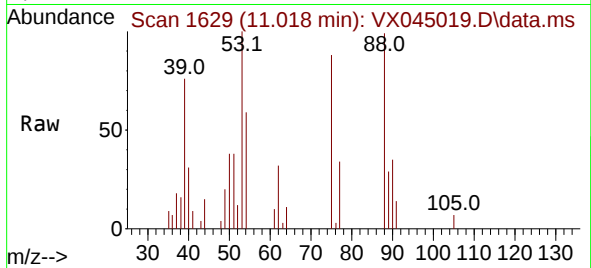
Tgt Ion:105 Resp: 26235
Ion Ratio Lower Upper
105 100
120 49.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.367 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

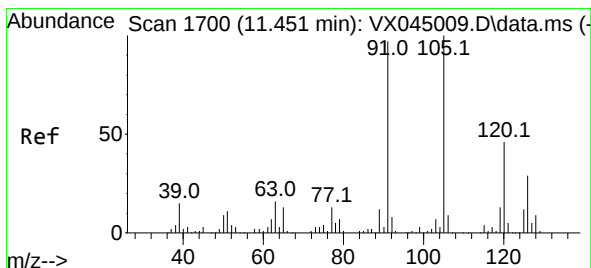
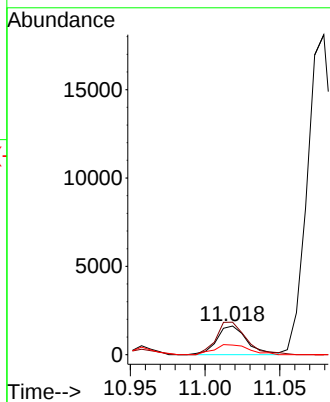
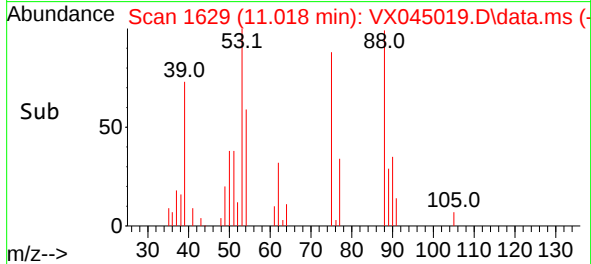
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
53 113.4 49.8 149.4
89 33.3 21.4 64.2

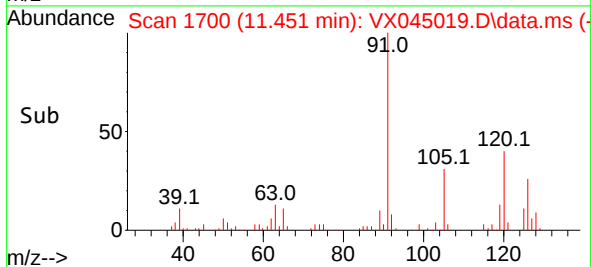
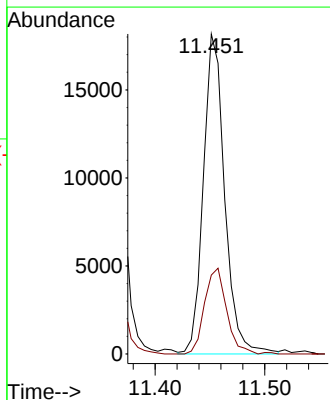
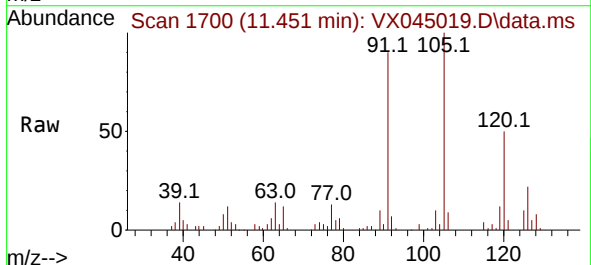
Manual Integrations
APPROVED

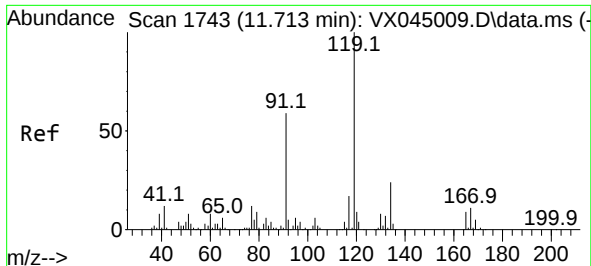
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 5.343 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion: 91 Resp: 24557
Ion Ratio Lower Upper
91 100
126 27.6 0.0 58.0





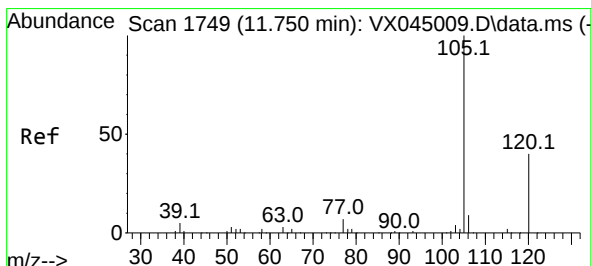
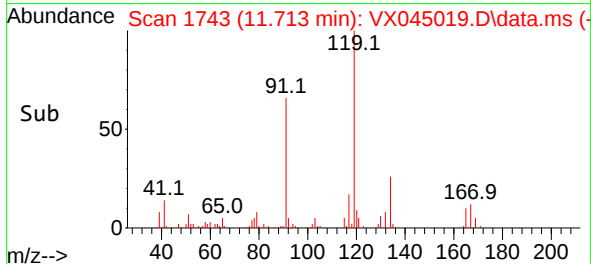
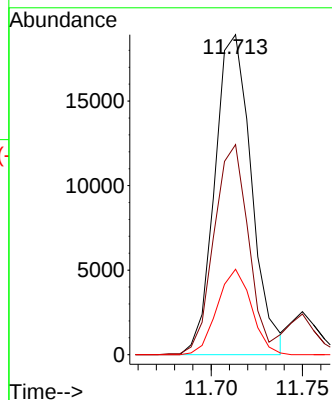
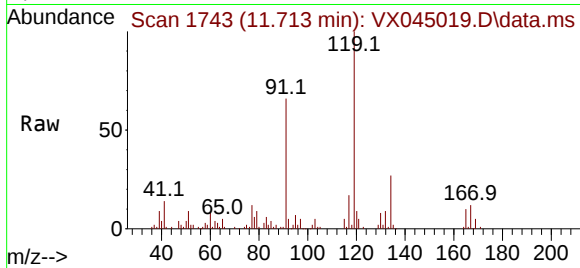
#79
tert-butylbenzene
Concen: 5.553 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:119 Resp: 26450
Ion Ratio Lower Upper
119 100
91 61.3 0.0 120.6
134 24.9 0.0 48.2

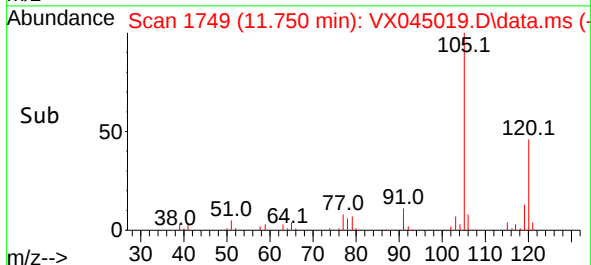
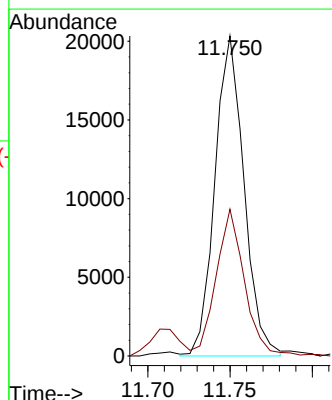
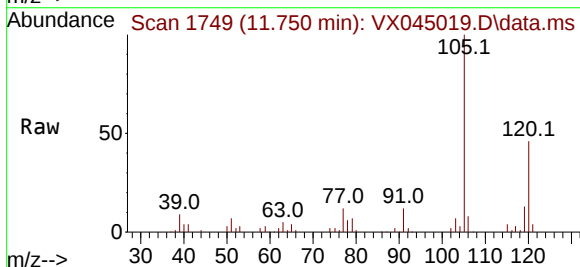
Manual Integrations
APPROVED

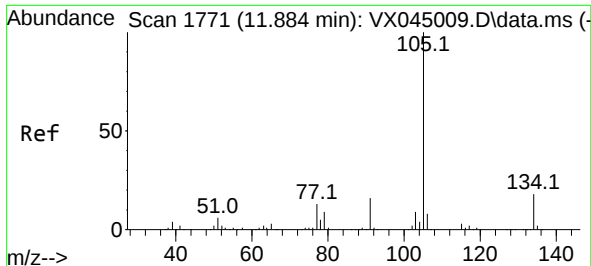
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 5.267 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

Tgt Ion:105 Resp: 24944
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.4





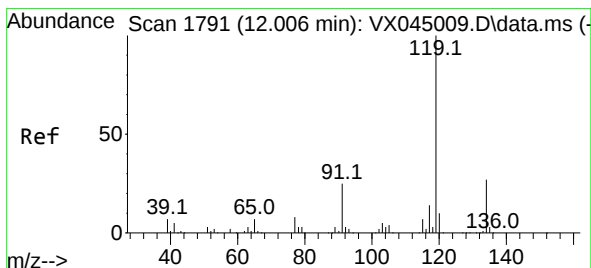
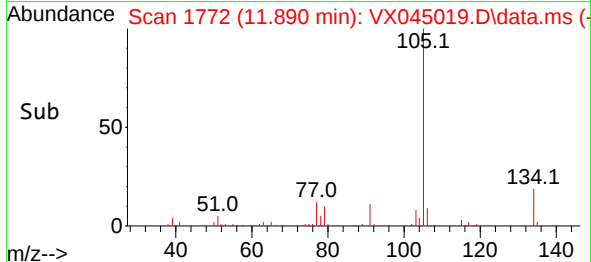
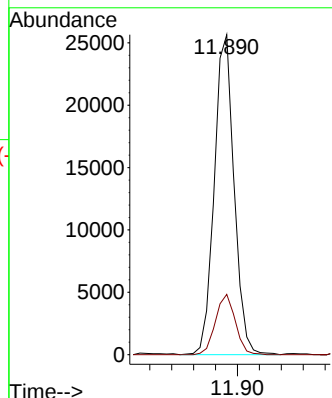
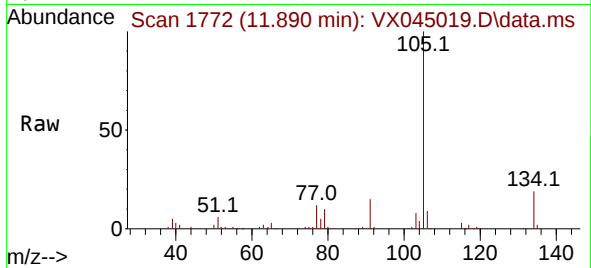
#81
 sec-Butylbenzene
 Concen: 5.391 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045019.D
 Acq: 21 Feb 2025 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 32228
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.0

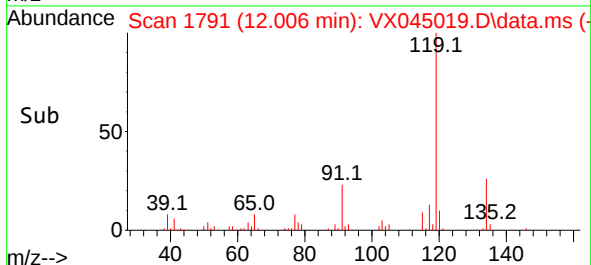
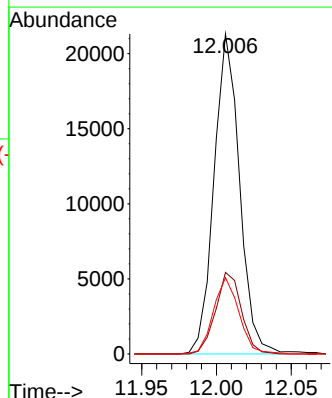
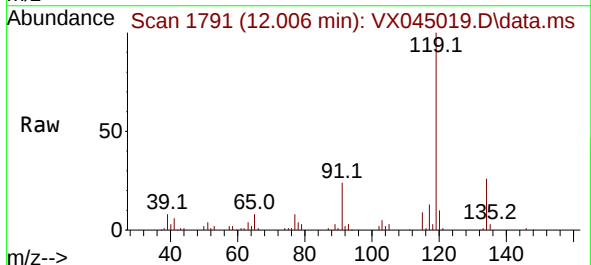
Manual Integrations
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Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#82
 p-Isopropyltoluene
 Concen: 5.220 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045019.D
 Acq: 21 Feb 2025 15:38

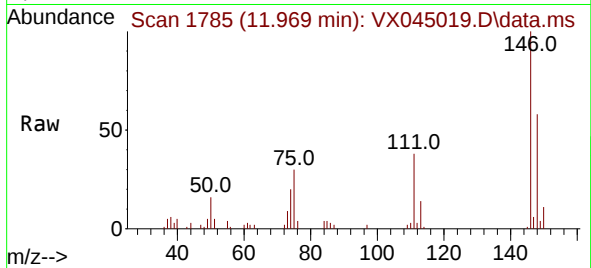
Tgt Ion:119 Resp: 25283
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 24.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 5.366 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

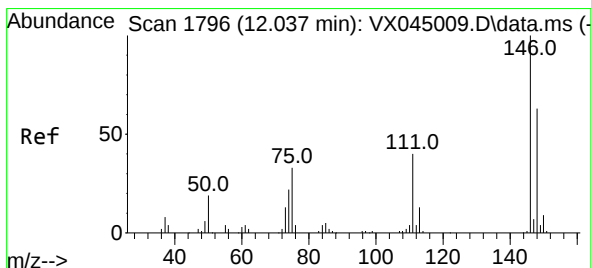
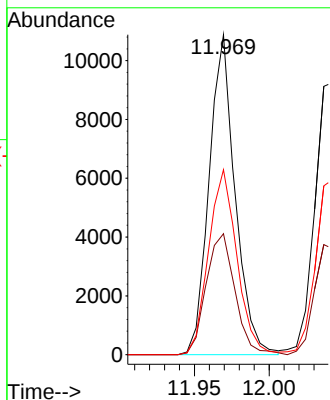
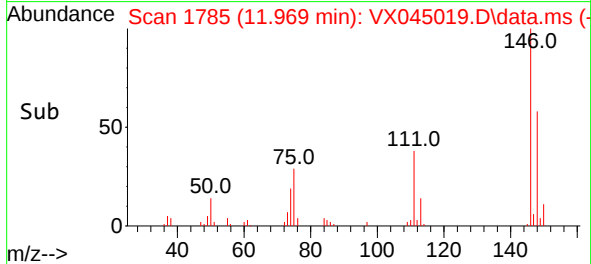
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



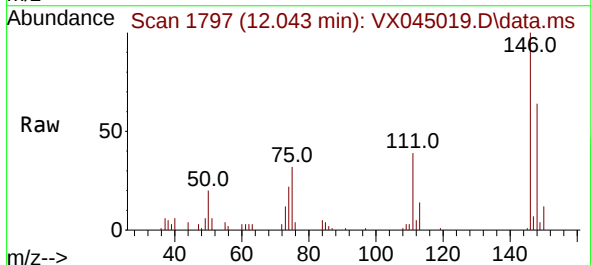
Tgt Ion:146 Resp: 13170
Ion Ratio Lower Upper
146 100
111 41.9 20.2 60.5
148 63.0 31.2 93.6

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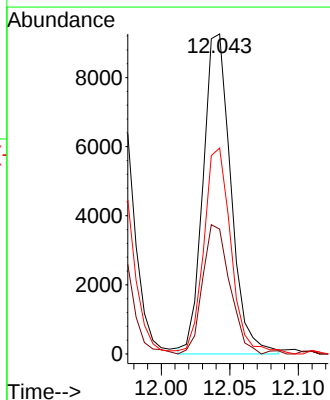
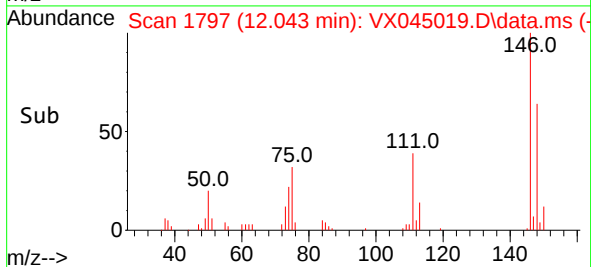
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

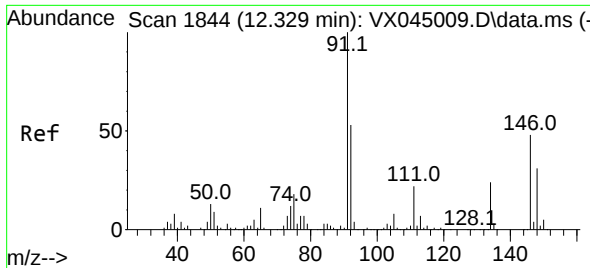


#84
1,4-Dichlorobenzene
Concen: 5.412 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



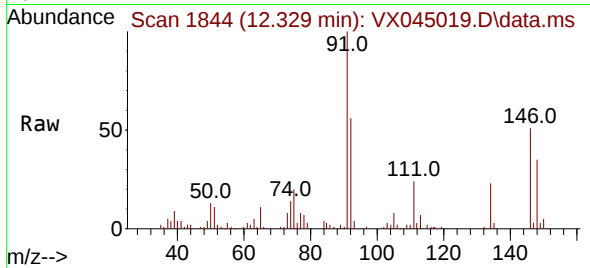
Tgt Ion:146 Resp: 13098
Ion Ratio Lower Upper
146 100
111 39.6 20.4 61.2
148 63.0 31.8 95.4





#85
n-Butylbenzene
Concen: 4.887 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

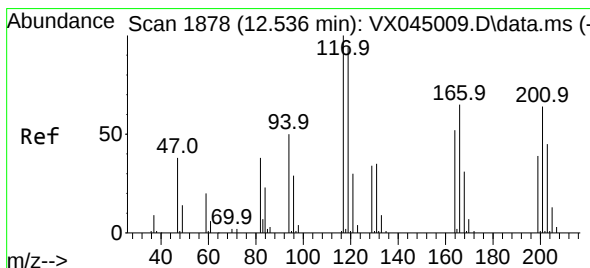
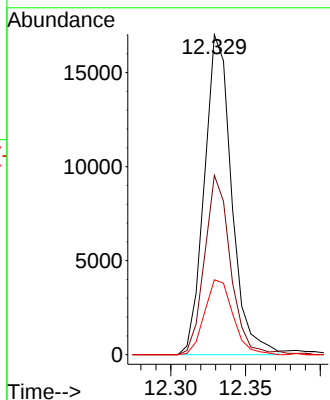
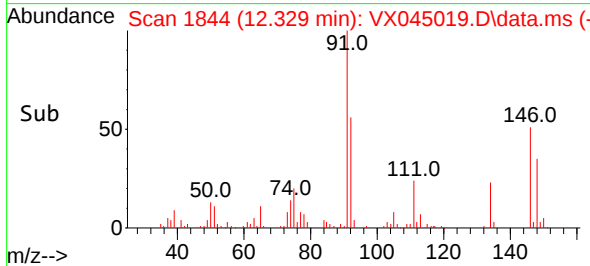
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 91 Resp: 21610
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 24.3 0.0 49.4

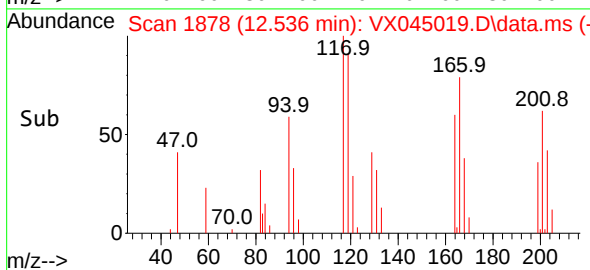
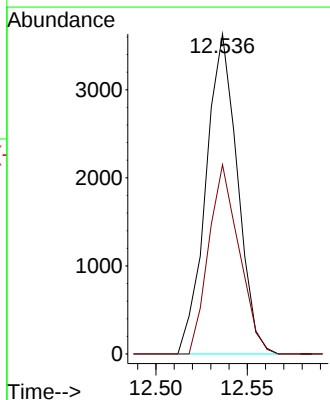
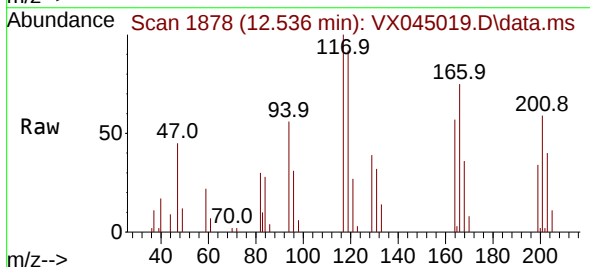
Manual Integrations
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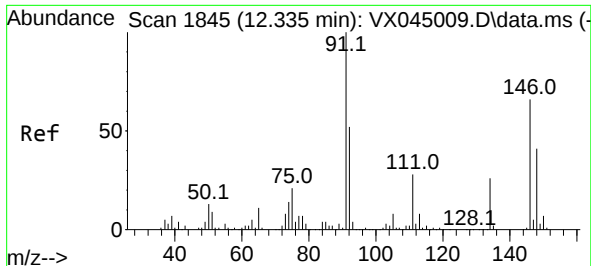
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 5.119 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

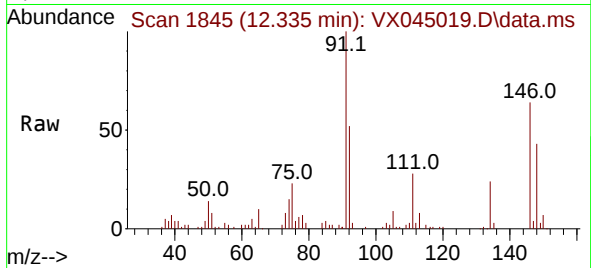
Tgt Ion:117 Resp: 4373
Ion Ratio Lower Upper
117 100
201 57.2 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 5.589 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

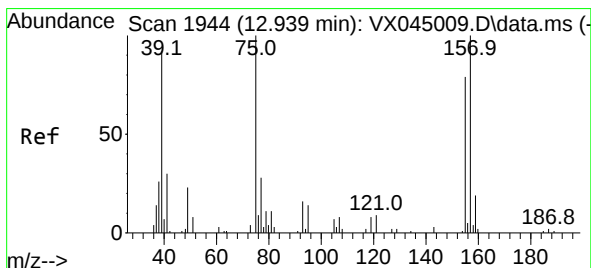
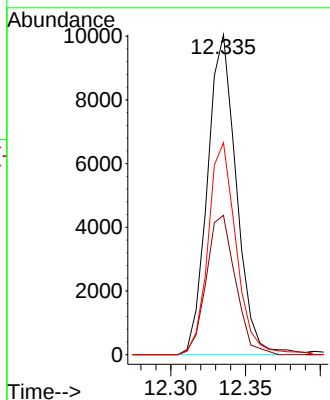
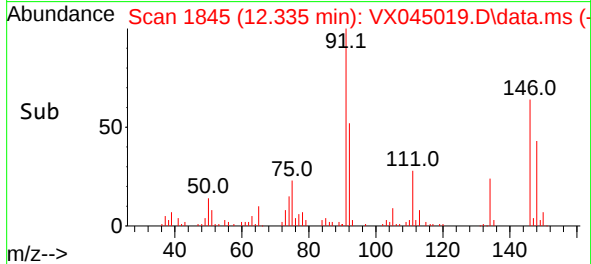
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:146 Resp: 1345
Ion Ratio Lower Upper
146 100
111 44.1 21.7 65.1
148 64.7 31.8 95.4

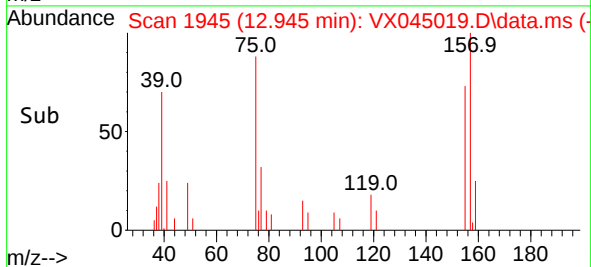
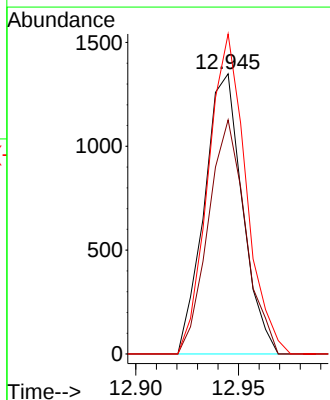
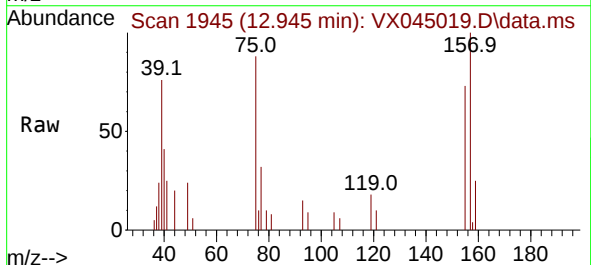
Manual Integrations
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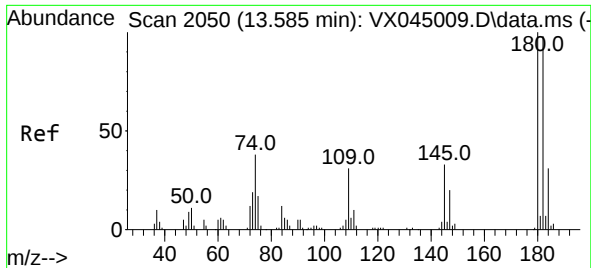
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.769 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

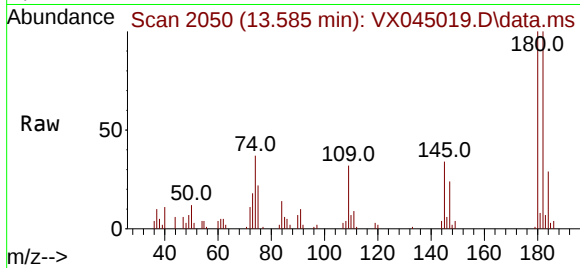
Tgt Ion: 75 Resp: 1740
Ion Ratio Lower Upper
75 100
155 81.9 66.2 99.4
157 113.4 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 4.596 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

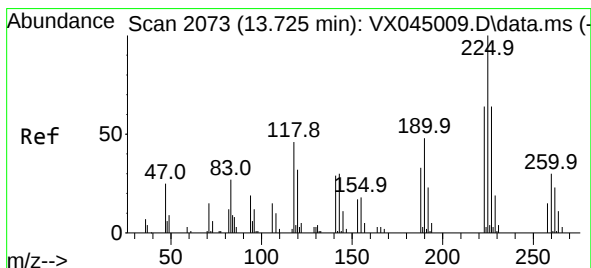
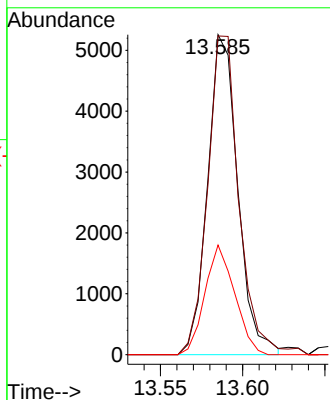
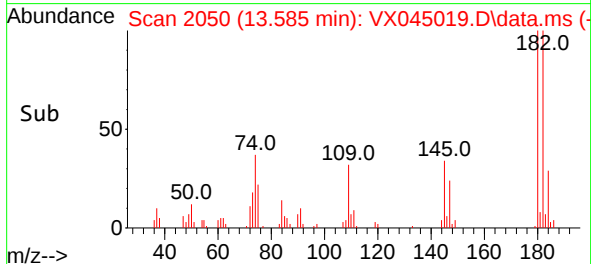
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



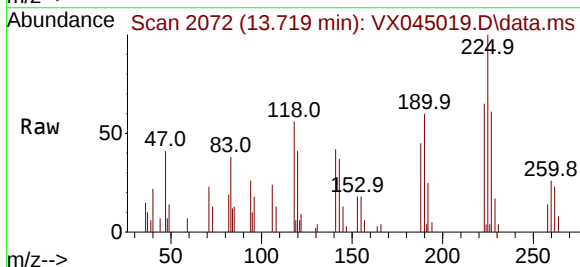
Tgt Ion:180 Resp: 6708
Ion Ratio Lower Upper
180 100
182 102.8 77.7 116.5
145 33.9 25.8 38.6

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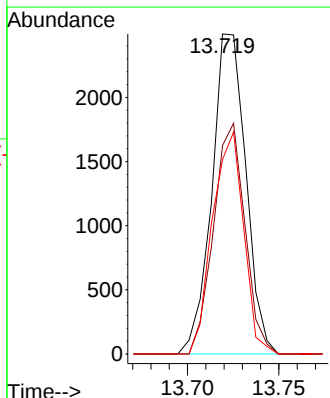
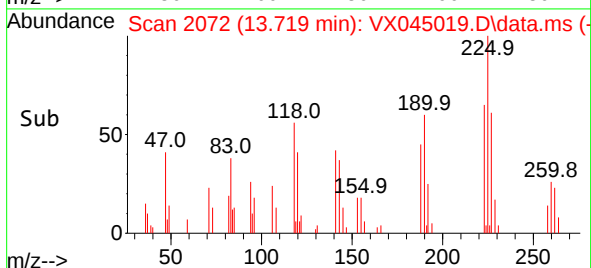
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

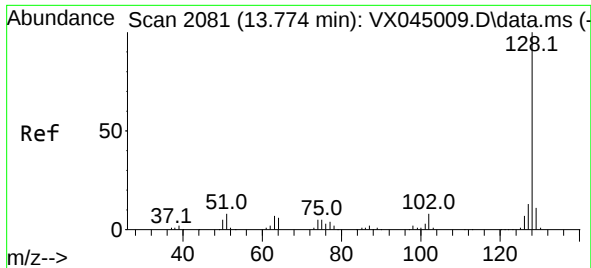


#90
Hexachlorobutadiene
Concen: 5.428 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



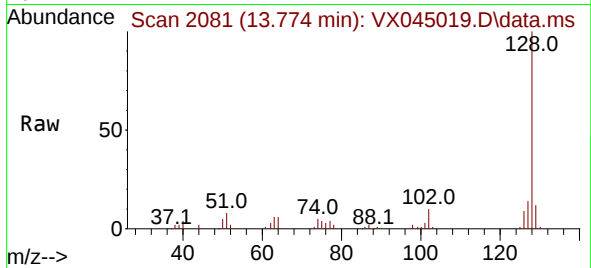
Tgt Ion:225 Resp: 3231
Ion Ratio Lower Upper
225 100
223 66.5 0.0 123.4
227 63.3 0.0 127.4





#91
Naphthalene
Concen: 4.775 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38

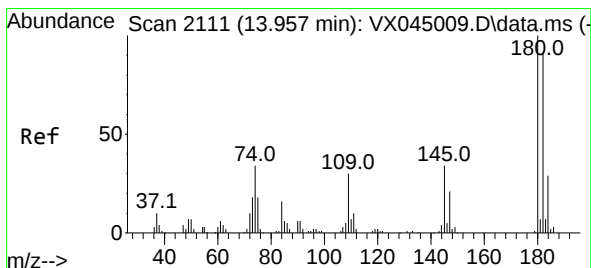
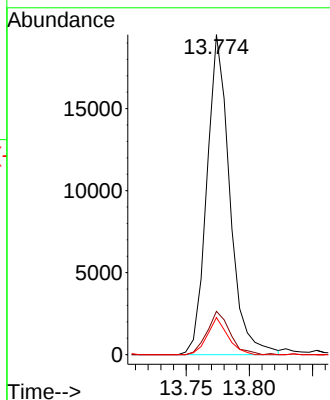
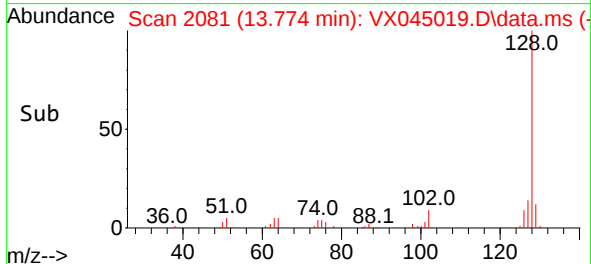
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



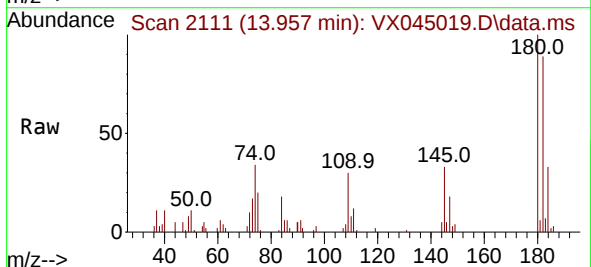
Tgt Ion:128 Resp: 24574
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.843 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045019.D
Acq: 21 Feb 2025 15:38



Tgt Ion:180 Resp: 7278
Ion Ratio Lower Upper
180 100
182 98.5 0.0 186.6
145 32.9 0.0 68.4

