

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046929.D
 Acq On : 09 Jul 2025 14:06
 Operator : JC/MD
 Sample : Q2126-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 10 03:13:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	355463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	592251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	540069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	284050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	233981	49.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.660%		
35) Dibromofluoromethane	5.397	113	196677	48.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.840%		
50) Toluene-d8	8.647	98	676245	47.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.360%		
62) 4-Bromofluorobenzene	11.079	95	267109	49.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	7952	2.339	ug/l	97
3) Chloromethane	1.307	50	9200	2.477	ug/l	100
4) Vinyl Chloride	1.386	62	9478	2.343	ug/l	98
5) Bromomethane	1.630	94	6970	2.682	ug/l	82
6) Chloroethane	1.703	64	7442	2.786	ug/l	99
7) Trichlorofluoromethane	1.904	101	15388	2.461	ug/l	97
8) Diethyl Ether	2.148	74	5935	2.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	10181	2.555	ug/l	94
10) Methyl Iodide	2.471	142	9776	2.252	ug/l	98
11) Tert butyl alcohol	2.959	59	3781	12.276	ug/l	95
12) 1,1-Dichloroethene	2.337	96	9406	2.440	ug/l	90
13) Acrolein	2.252	56	5271	14.332	ug/l	86
14) Allyl chloride	2.678	41	16591	2.418	ug/l	99
15) Acrylonitrile	3.081	53	21572	12.114	ug/l	99
16) Acetone	2.386	43	20421	14.000	ug/l	99
17) Carbon Disulfide	2.532	76	24630	2.437	ug/l	99
18) Methyl Acetate	2.715	43	8892	2.313	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	25445	2.338	ug/l #	90
20) Methylene Chloride	2.806	84	51081	11.843	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	10034	2.544	ug/l	92
22) Diisopropyl ether	3.776	45	33121	2.498	ug/l #	80
23) Vinyl Acetate	3.739	43	117876	11.868	ug/l #	93
24) 1,1-Dichloroethane	3.623	63	18968	2.509	ug/l #	85
25) 2-Butanone	4.587	43	24605	12.643	ug/l #	87
26) 2,2-Dichloropropane	4.489	77	12981	2.307	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	12626	2.622	ug/l	95
28) Bromochloromethane	4.916	49	9068	2.430	ug/l	95
29) Tetrahydrofuran	5.025	42	15589	12.566	ug/l	94
30) Chloroform	5.105	83	20547	2.660	ug/l	89
31) Cyclohexane	5.483	56	17071	2.543	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	16438	2.547	ug/l	98
36) 1,1-Dichloropropene	5.708	75	14520	2.677	ug/l	98
37) Ethyl Acetate	4.745	43	10356m	2.242	ug/l	
38) Carbon Tetrachloride	5.696	117	15192m	2.649	ug/l	
39) Methylcyclohexane	7.385	83	16703	2.462	ug/l	99
40) Benzene	6.050	78	43150	2.630	ug/l	94

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 Supervised By :Mahesh Dadoda 07/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	5867	2.381	ug/l #	76
42) 1,2-Dichloroethane	6.105	62	15490	2.780	ug/l	94
43) Isopropyl Acetate	6.354	43	15385	2.174	ug/l #	93
44) Trichloroethene	7.135	130	11125	2.605	ug/l	91
45) 1,2-Dichloropropane	7.434	63	10339	2.494	ug/l #	87
46) Dibromomethane	7.592	93	7370	2.566	ug/l	98
47) Bromodichloromethane	7.830	83	15034	2.452	ug/l	93
48) Methyl methacrylate	7.714	41	8291	2.269	ug/l	98
49) 1,4-Dioxane	7.684	88	2283	53.926	ug/l #	50
51) 4-Methyl-2-Pentanone	8.574	43	48864	11.701	ug/l	99
52) Toluene	8.720	92	27336	2.689	ug/l	98
53) t-1,3-Dichloropropene	8.988	75	12933	2.363	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	14809	2.371	ug/l #	80
55) 1,1,2-Trichloroethane	9.159	97	10014	2.645	ug/l	95
56) Ethyl methacrylate	9.122	69	11318	2.159	ug/l	87
57) 1,3-Dichloropropane	9.311	76	17360	2.662	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	31836	10.780	ug/l	99
59) 2-Hexanone	9.433	43	34458	12.439	ug/l	93
60) Dibromochloromethane	9.525	129	11263	2.485	ug/l	97
61) 1,2-Dibromoethane	9.616	107	10206	2.684	ug/l	95
64) Tetrachloroethene	9.275	164	9566	2.660	ug/l	93
65) Chlorobenzene	10.079	112	30379	2.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9519	2.425	ug/l	95
67) Ethyl Benzene	10.195	91	50397	2.520	ug/l	99
68) m/p-Xylenes	10.299	106	37977	5.040	ug/l	96
69) o-Xylene	10.640	106	18007	2.474	ug/l	100
70) Styrene	10.659	104	29830	2.395	ug/l	98
71) Bromoform	10.799	173	7341	2.515	ug/l #	99
73) Isopropylbenzene	10.963	105	48290	2.418	ug/l	97
74) N-amyl acetate	10.848	43	14922	2.199	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	13774	2.509	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	10320m	2.351	ug/l	
77) Bromobenzene	11.201	156	12168	2.446	ug/l	98
78) n-propylbenzene	11.305	91	59274	2.462	ug/l	98
79) 2-Chlorotoluene	11.366	91	35811	2.519	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	39174	2.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	3021m	1.847	ug/l	
82) 4-Chlorotoluene	11.451	91	40993	2.499	ug/l	98
83) tert-Butylbenzene	11.713	119	39853	2.378	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	38979	2.377	ug/l	98
85) sec-Butylbenzene	11.890	105	50114	2.372	ug/l	99
86) p-Isopropyltoluene	12.006	119	42067	2.378	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	23439	2.520	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	24693	2.551	ug/l	88
89) n-Butylbenzene	12.335	91	36986	2.225	ug/l	98
90) Hexachloroethane	12.536	117	7273	2.319	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	21718	2.409	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2165	2.254	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	14120	2.306	ug/l	98
94) Hexachlorobutadiene	13.719	225	5823	2.521	ug/l	96
95) Naphthalene	13.774	128	35155	2.179	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	13530	2.338	ug/l	98

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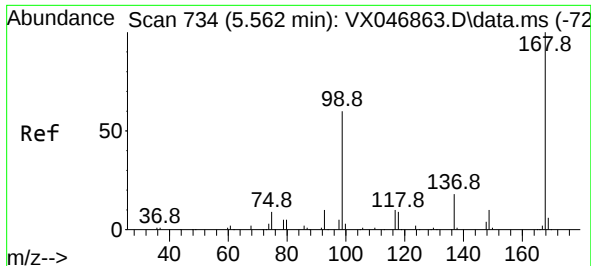
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

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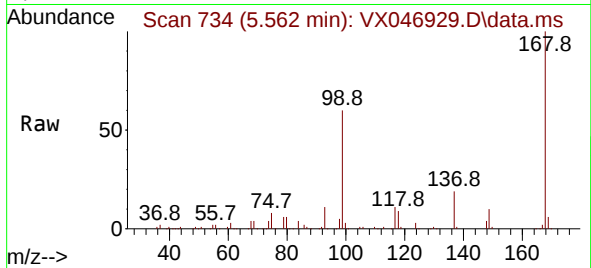
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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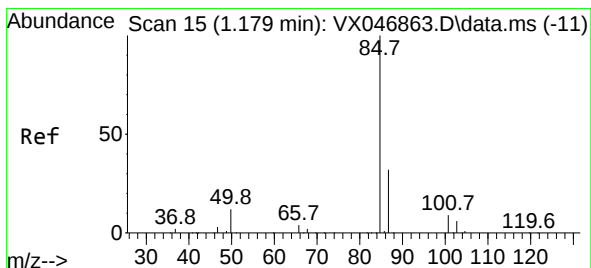
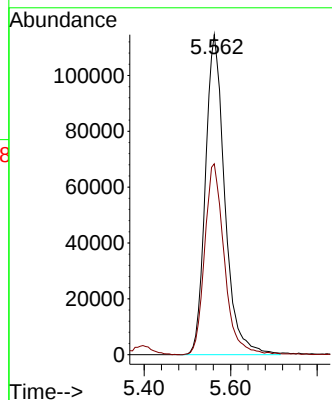
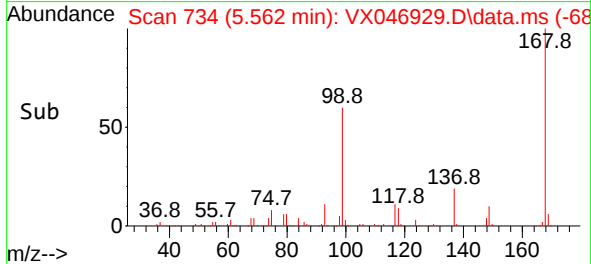
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:168 Resp: 35546
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2

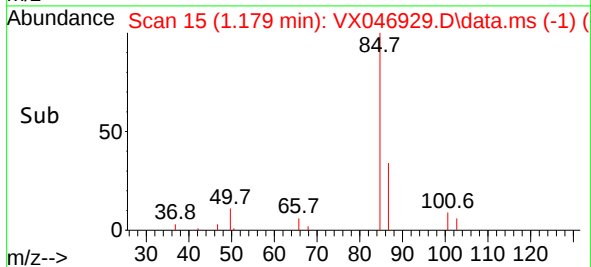
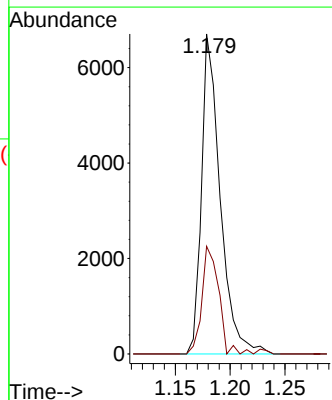
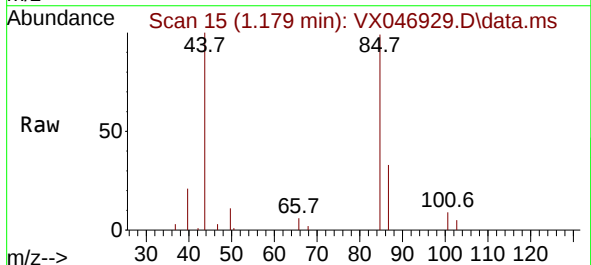
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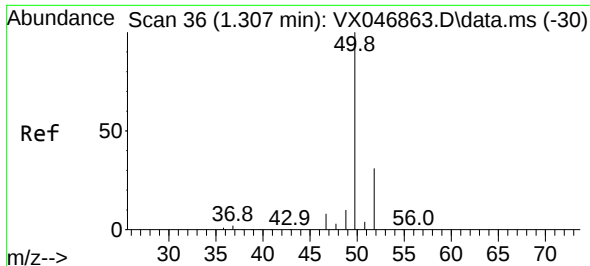
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#2
Dichlorodifluoromethane
Concen: 2.339 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 85 Resp: 7952
Ion Ratio Lower Upper
85 100
87 33.7 16.0 47.9





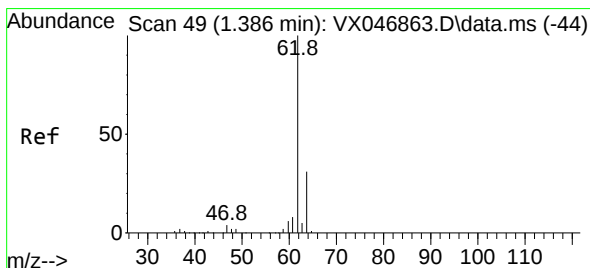
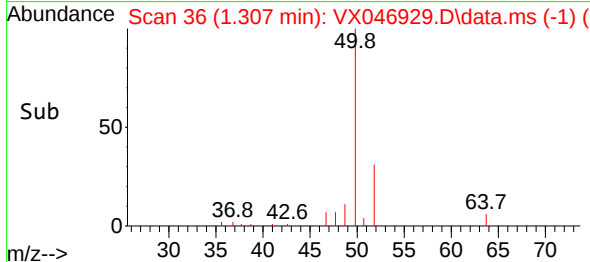
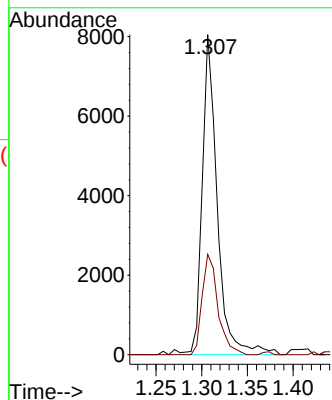
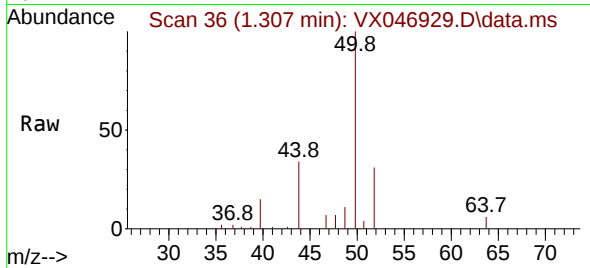
#3
Chloromethane
Concen: 2.477 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046929.D
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ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 50 Resp: 9200
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

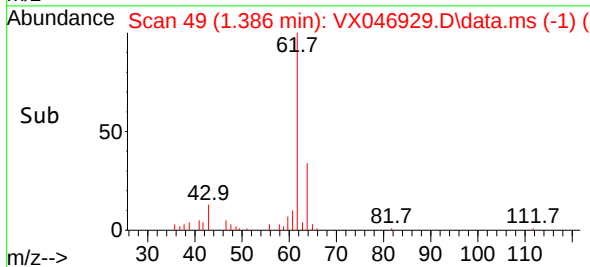
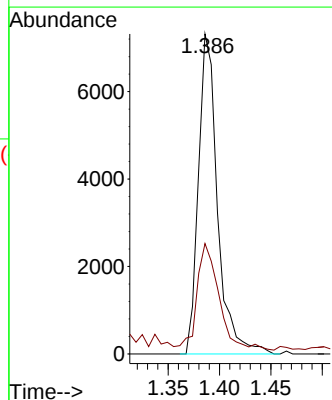
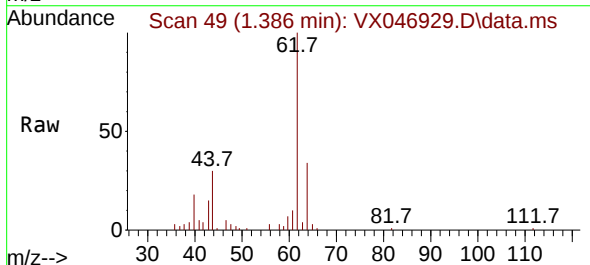
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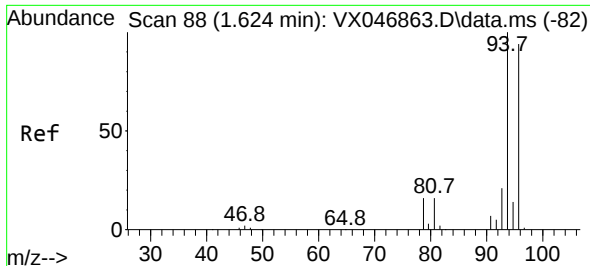
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#4
Vinyl Chloride
Concen: 2.343 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

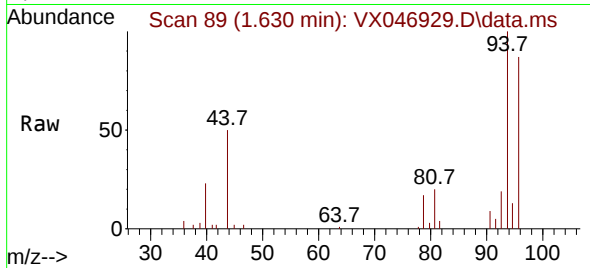
Tgt Ion: 62 Resp: 9478
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 2.682 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

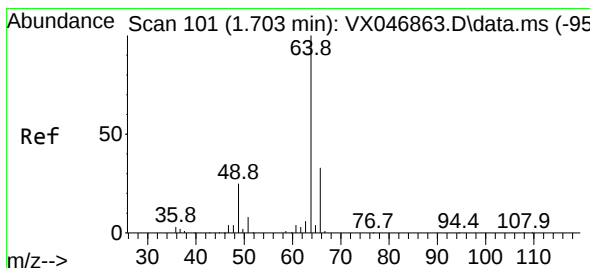
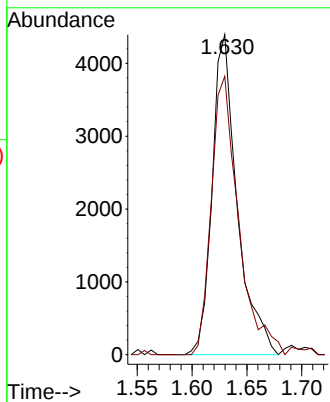
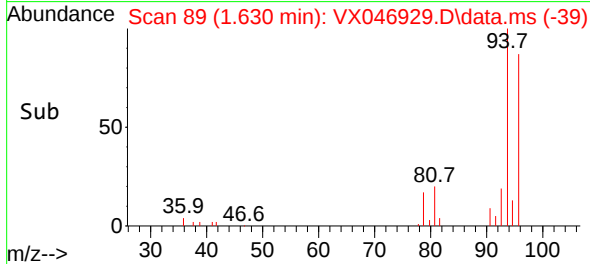
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Tgt Ion: 94 Resp: 6970
Ion Ratio Lower Upper
94 100
96 76.8 75.5 113.3

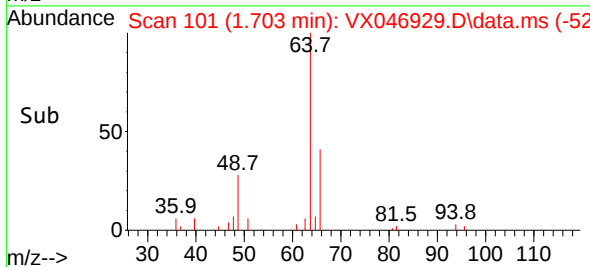
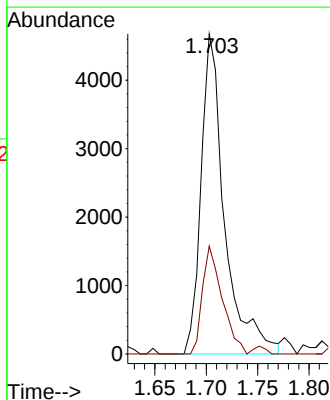
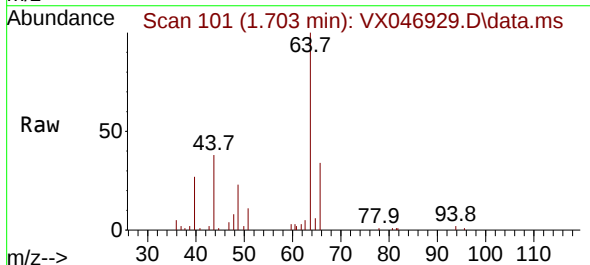
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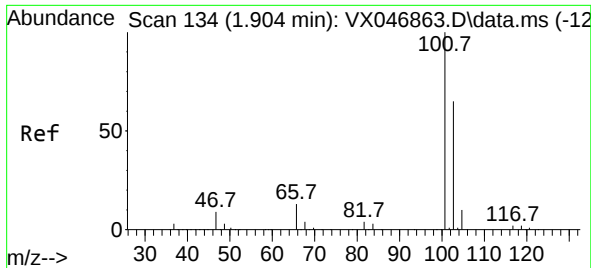
Reviewed By :John Carlone 07/10/2025
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#6
Chloroethane
Concen: 2.786 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046929.D
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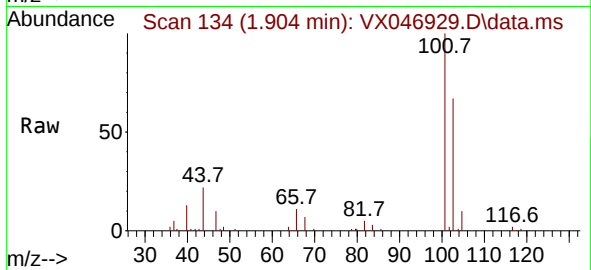
Tgt Ion: 64 Resp: 7442
Ion Ratio Lower Upper
64 100
66 33.7 26.4 39.6





#7
Trichlorofluoromethane
Concen: 2.461 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046929.D
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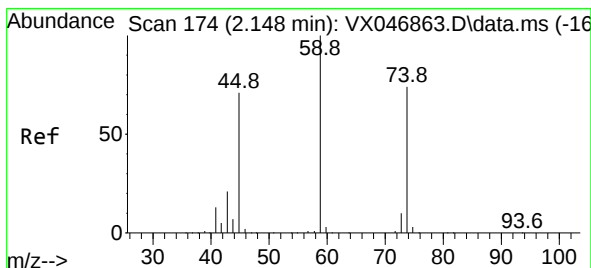
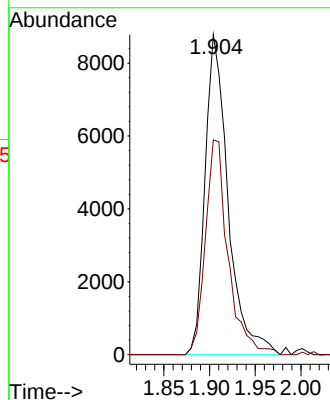
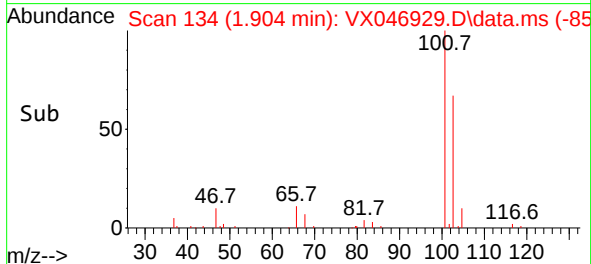
Instrument :
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ClientSampleId :
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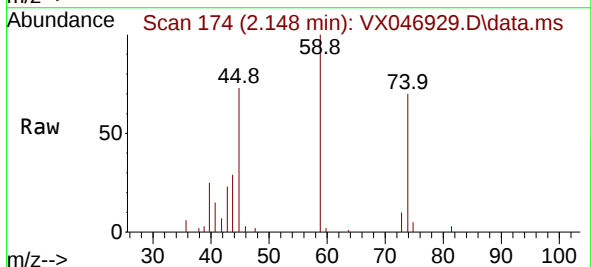
Tgt Ion:101 Resp: 1538
Ion Ratio Lower Upper
101 100
103 67.1 51.9 77.9

Manual Integrations
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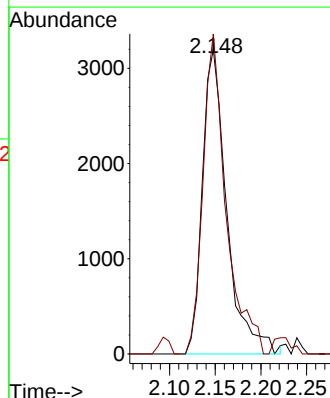
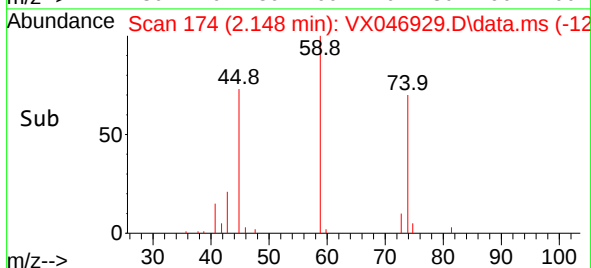
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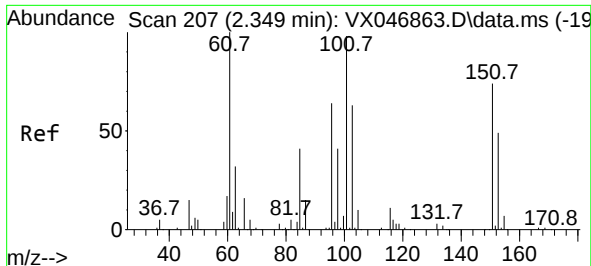


#8
Diethyl Ether
Concen: 2.667 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06



Tgt Ion: 74 Resp: 5935
Ion Ratio Lower Upper
74 100
45 99.2 50.7 152.1





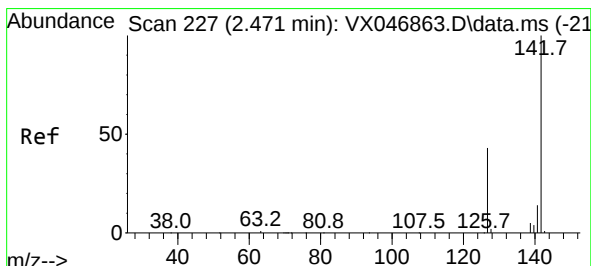
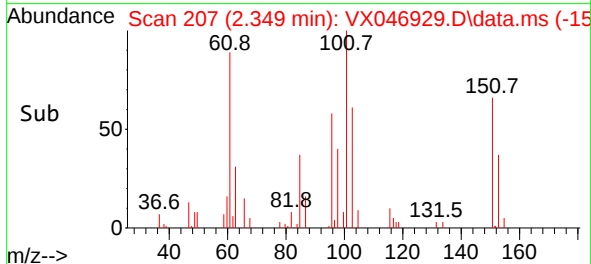
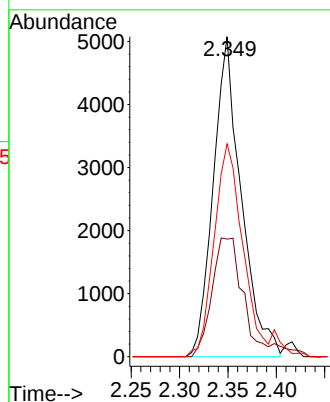
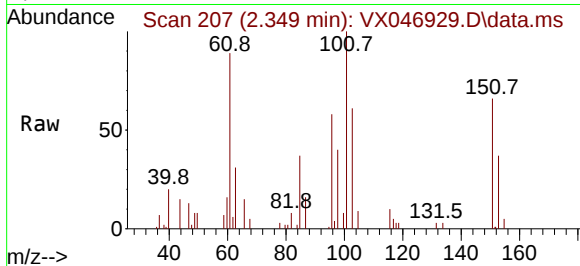
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.555 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:101 Resp: 1018
Ion Ratio Lower Upper
101 100
85 43.6 34.3 51.5
151 67.8 59.9 89.9

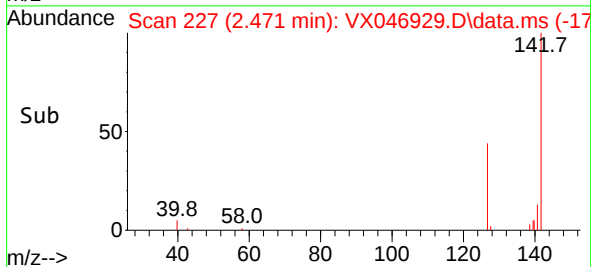
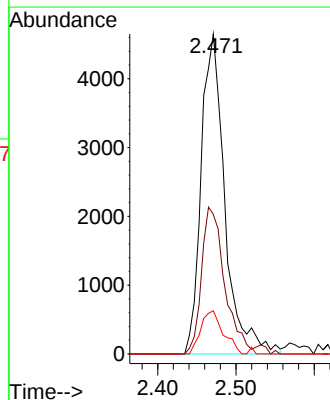
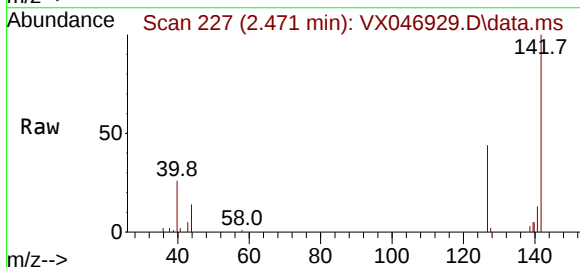
Manual Integrations
APPROVED

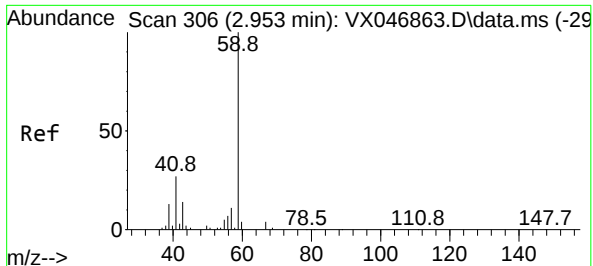
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#10
Methyl Iodide
Concen: 2.252 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:142 Resp: 9776
Ion Ratio Lower Upper
142 100
127 44.6 34.9 52.3
141 12.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 12.276 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX046929.D

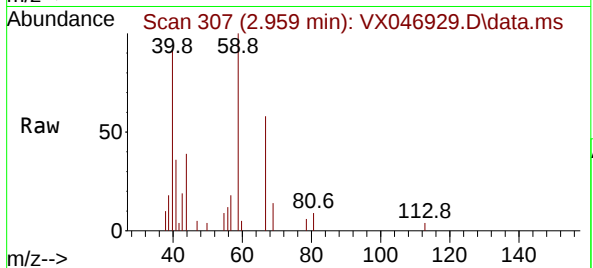
Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 59 Resp: 378

Ion Ratio Lower Upper

59 100

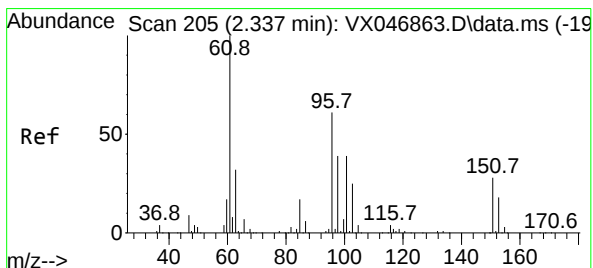
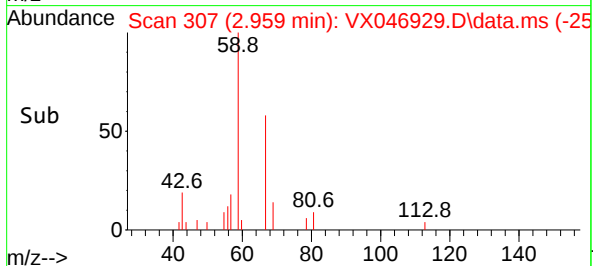
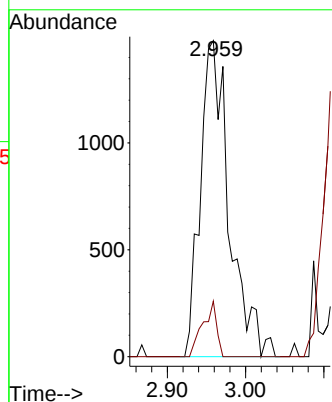
57 8.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#12

1,1-Dichloroethene

Concen: 2.440 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

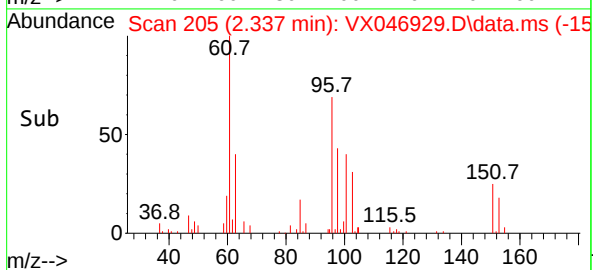
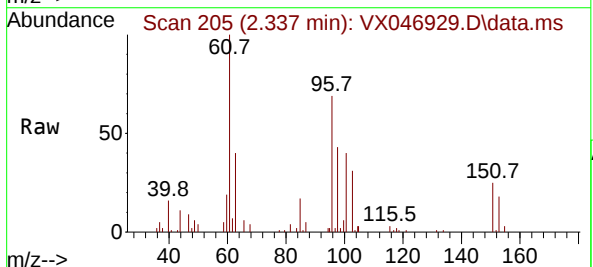
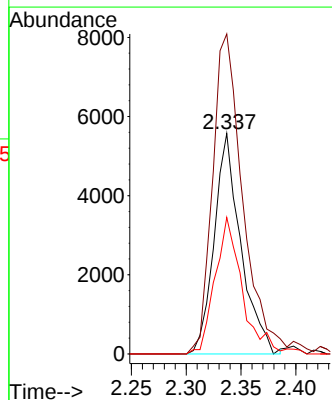
Tgt Ion: 96 Resp: 9406

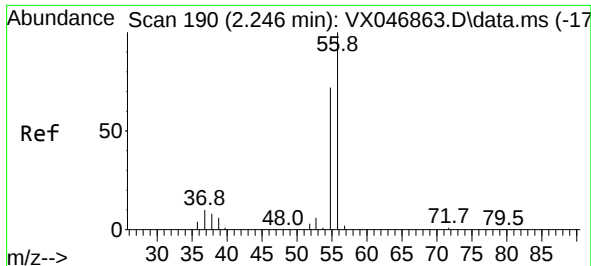
Ion Ratio Lower Upper

96 100

61 145.2 130.2 195.4

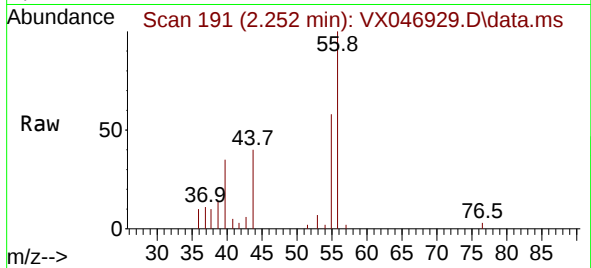
98 65.0 51.3 76.9





#13
Acrolein
Concen: 14.332 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

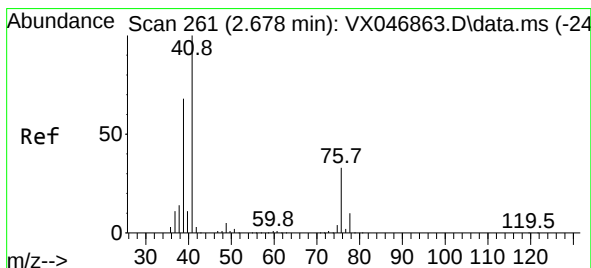
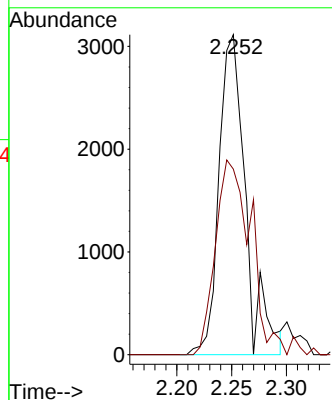
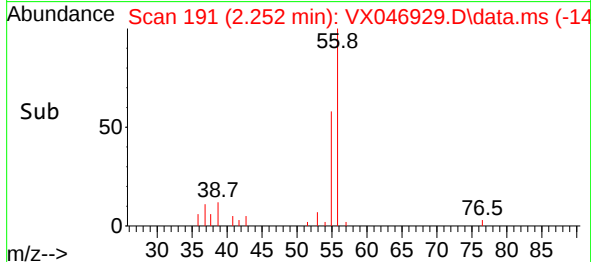
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



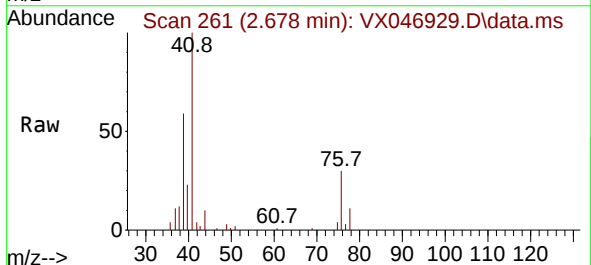
Tgt Ion: 56 Resp: 527
Ion Ratio Lower Upper
56 100
55 80.5 55.5 83.3

Manual Integrations
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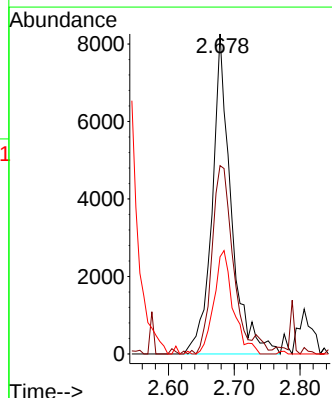
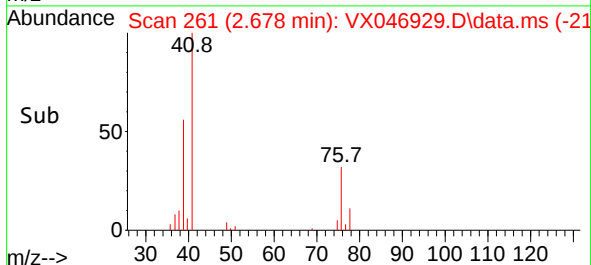
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

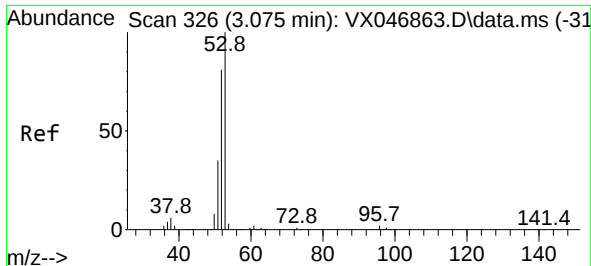


#14
Allyl chloride
Concen: 2.418 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06



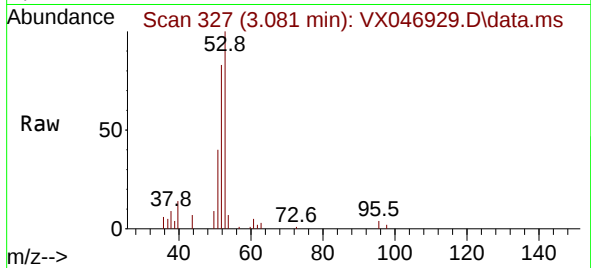
Tgt Ion: 41 Resp: 16591
Ion Ratio Lower Upper
41 100
39 64.2 52.0 78.0
76 32.7 26.2 39.2





#15
Acrylonitrile
Concen: 12.114 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

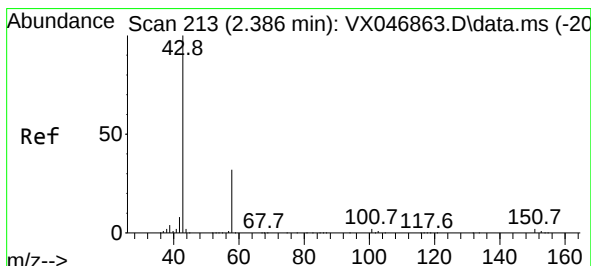
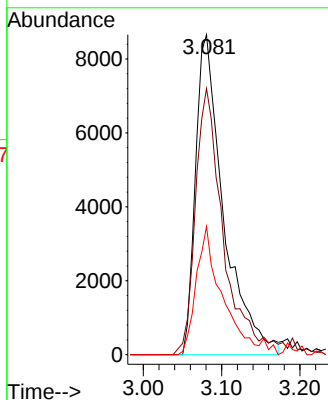
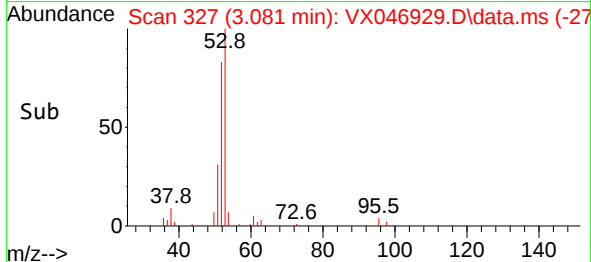
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 53 Resp: 21572
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.7 28.6 43.0

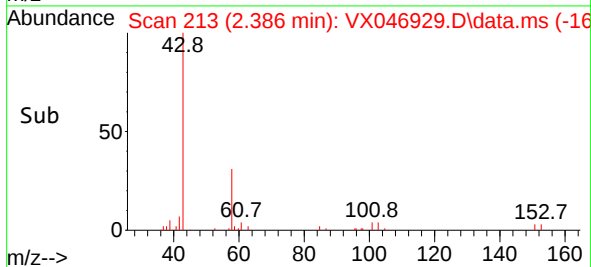
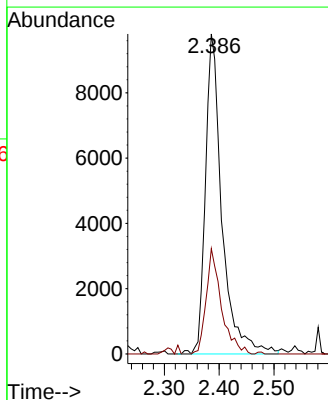
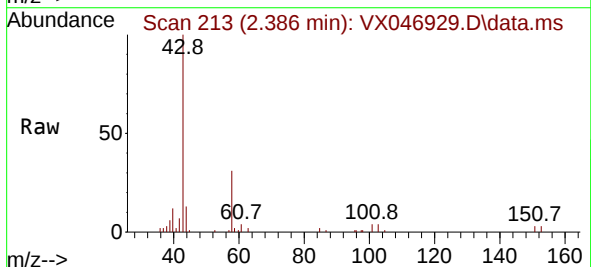
Manual Integrations
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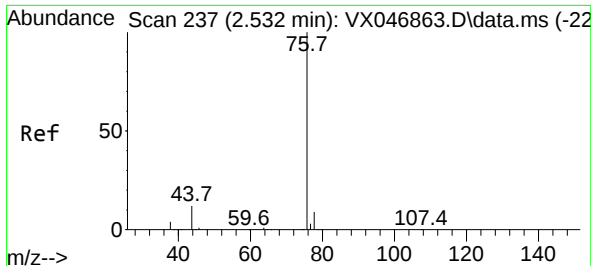
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#16
Acetone
Concen: 14.000 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 43 Resp: 20421
Ion Ratio Lower Upper
43 100
58 32.9 25.8 38.6





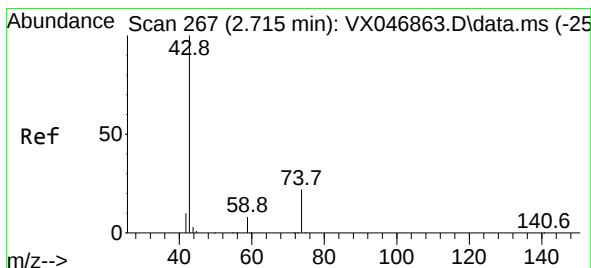
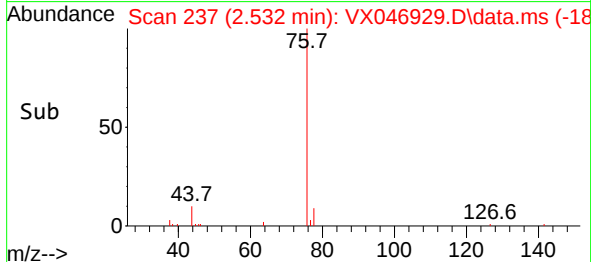
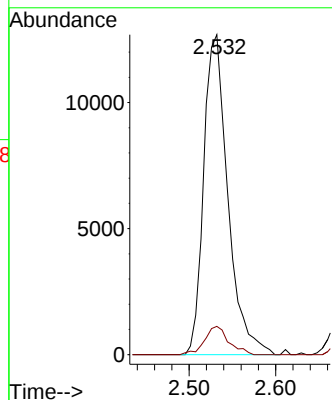
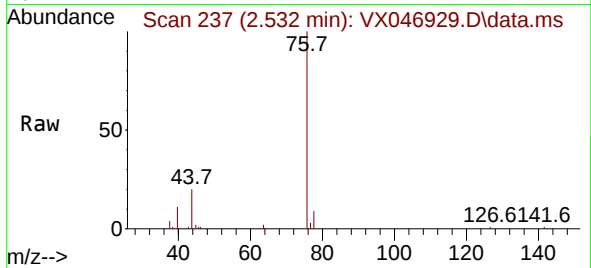
#17
Carbon Disulfide
Concen: 2.437 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 24630
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

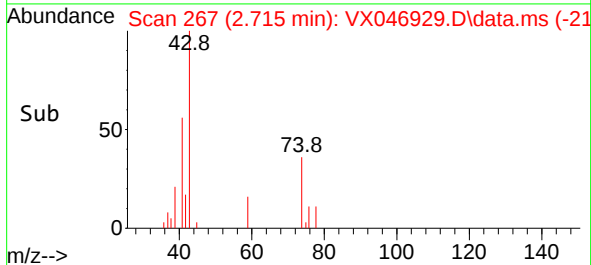
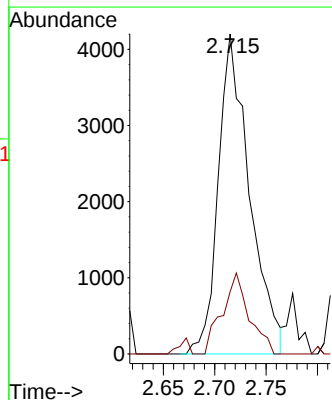
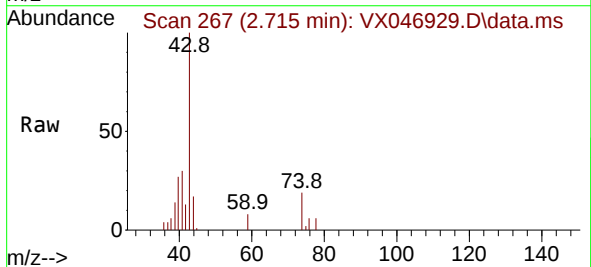
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#18
Methyl Acetate
Concen: 2.313 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 43 Resp: 8892
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5





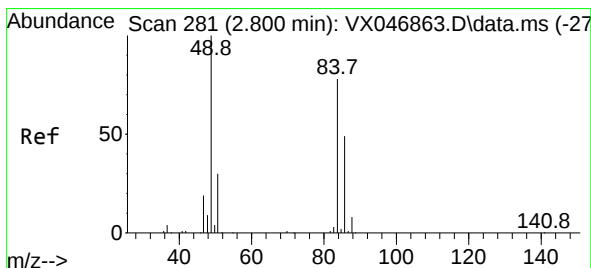
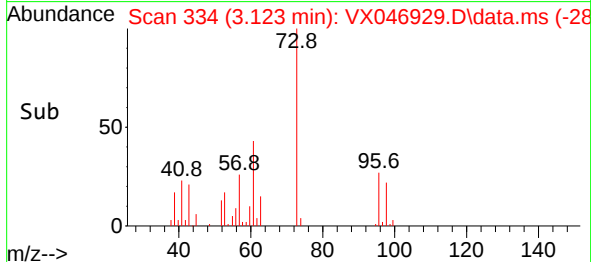
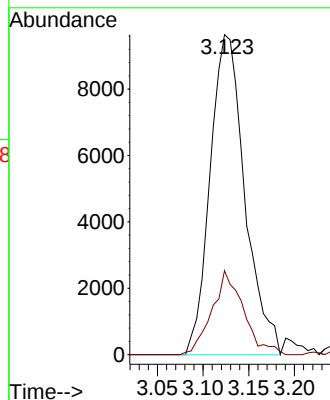
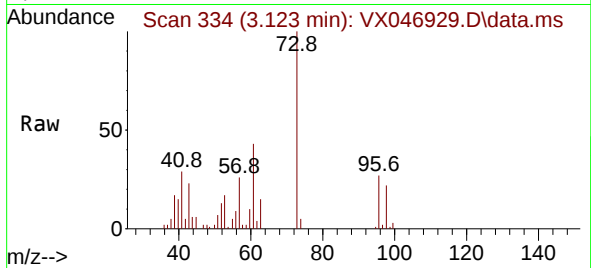
#19
Methyl tert-butyl Ether
Concen: 2.338 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 73 Resp: 2544
Ion Ratio Lower Upper
73 100
57 28.4 18.6 28.0

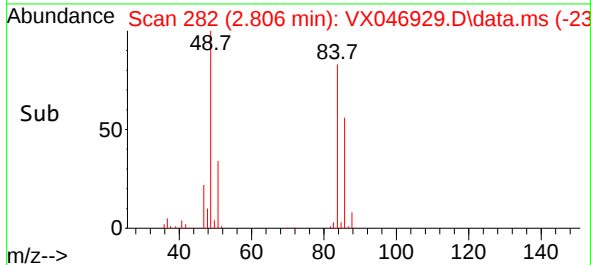
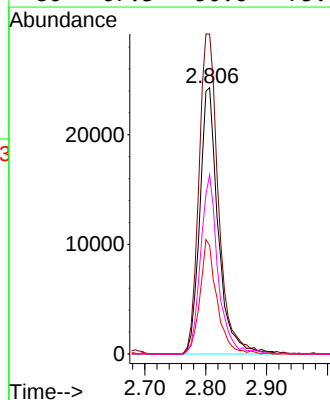
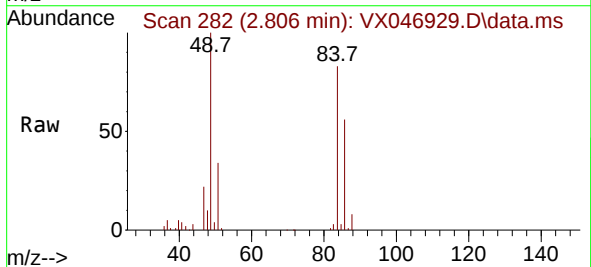
Manual Integrations
APPROVED

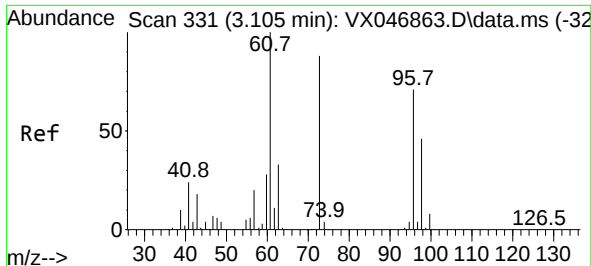
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#20
Methylene Chloride
Concen: 11.843 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

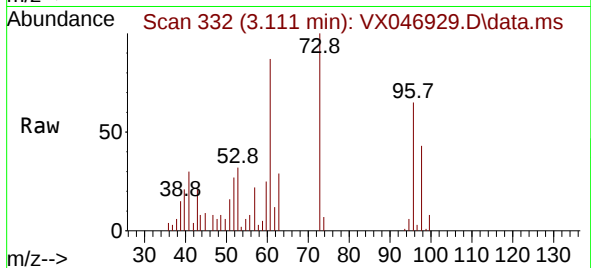
Tgt Ion: 84 Resp: 51081
Ion Ratio Lower Upper
84 100
49 120.1 102.8 154.2
51 40.7 31.1 46.7
86 67.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 2.544 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

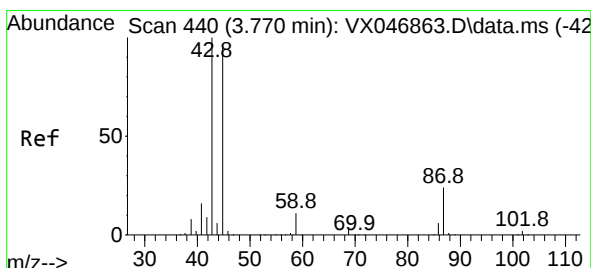
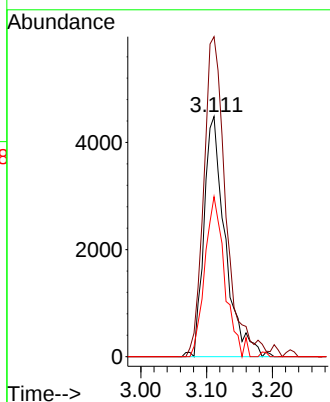
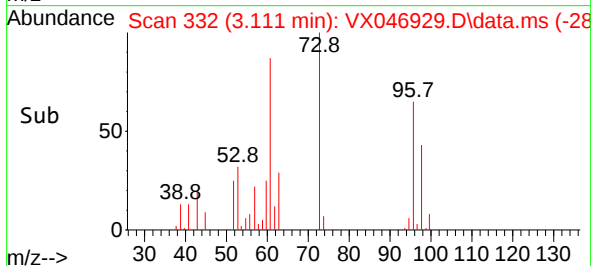
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 10034
Ion Ratio Lower Upper
96 100
61 127.5 113.4 170.2
98 63.8 51.8 77.6

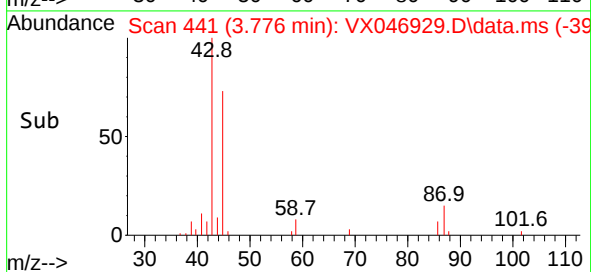
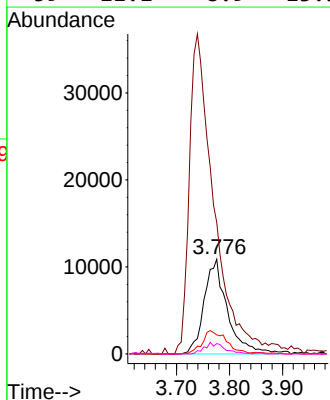
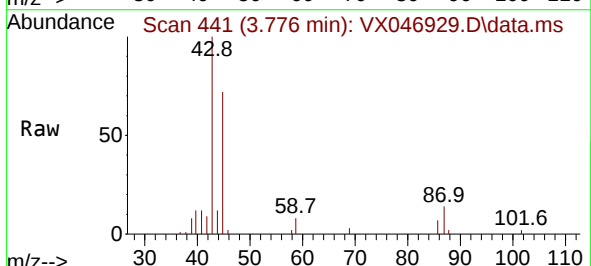
Manual Integrations
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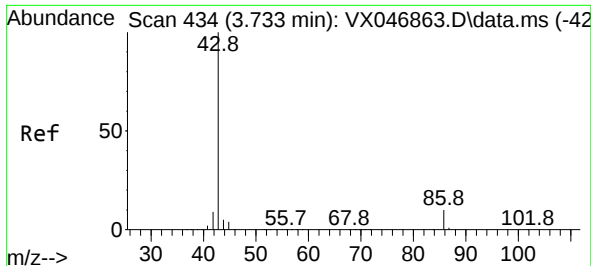
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#22
Diisopropyl ether
Concen: 2.498 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

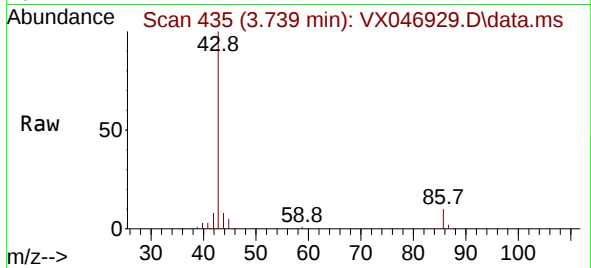
Tgt Ion: 45 Resp: 33121
Ion Ratio Lower Upper
45 100
43 130.2 84.2 126.4#
87 20.1 20.3 30.5#
59 11.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 11.868 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046929.D
 Acq: 09 Jul 2025 14:06

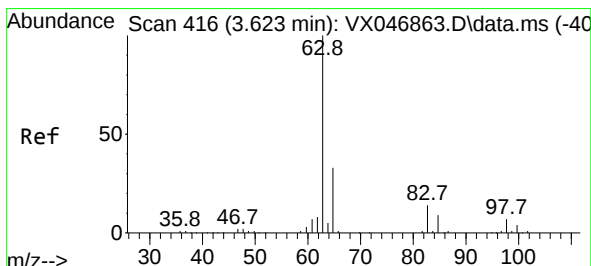
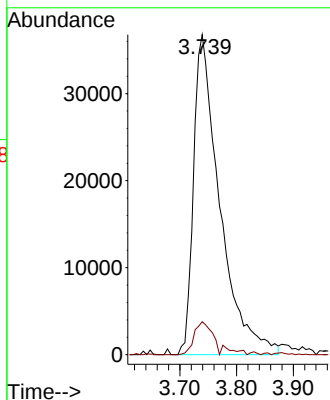
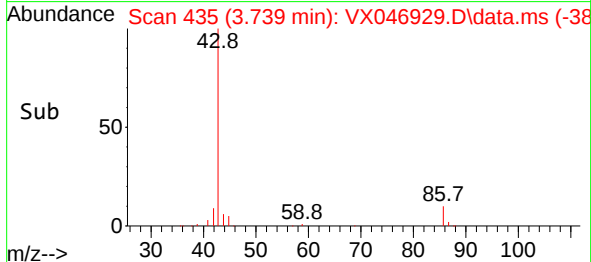
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 117870
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.2 12.4

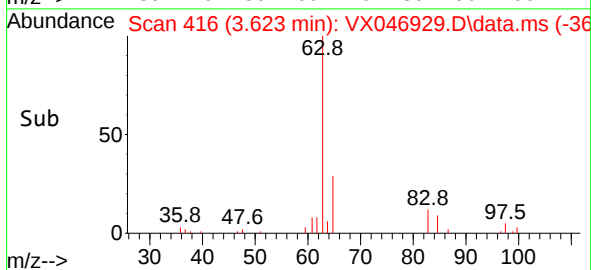
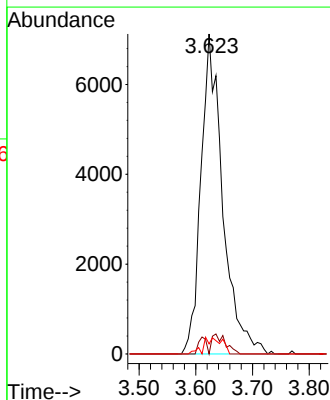
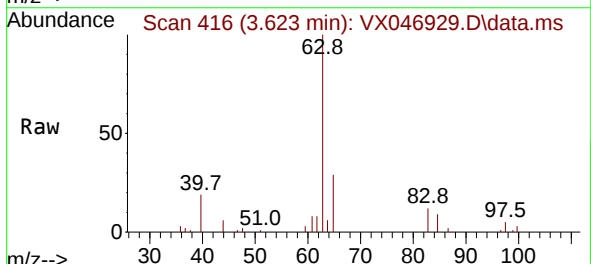
Manual Integrations
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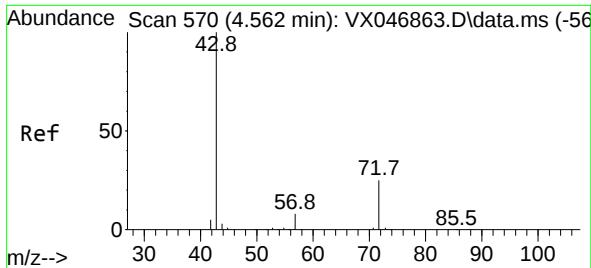
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#24
 1,1-Dichloroethane
 Concen: 2.509 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046929.D
 Acq: 09 Jul 2025 14:06

Tgt Ion: 63 Resp: 18968
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 3.2 2.3 6.9





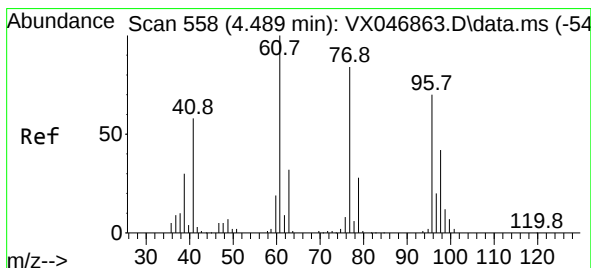
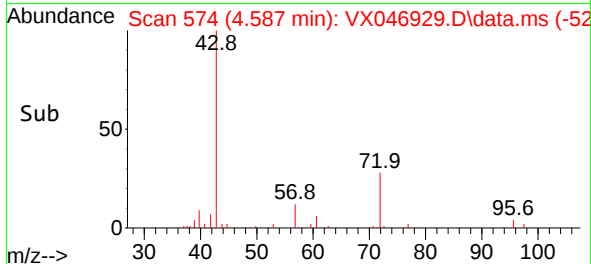
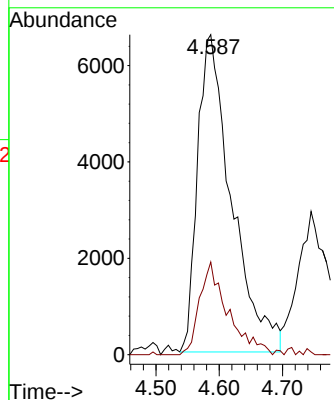
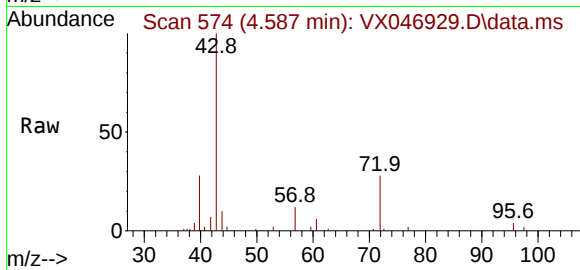
#25
2-Butanone
Concen: 12.643 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 2460
Ion Ratio Lower Upper
43 100
72 31.3 20.0 30.0

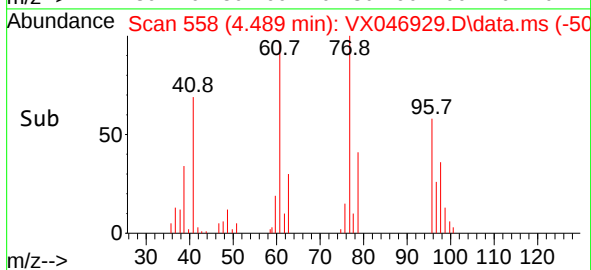
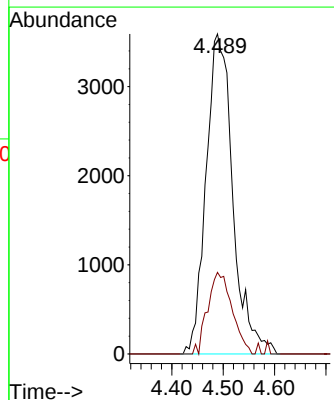
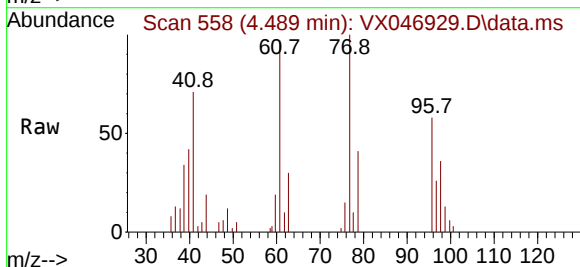
Manual Integrations
APPROVED

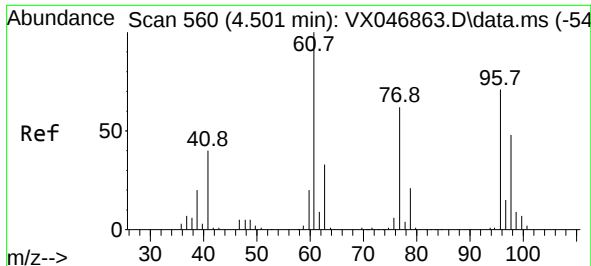
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#26
2,2-Dichloropropane
Concen: 2.307 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 77 Resp: 12981
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 2.622 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

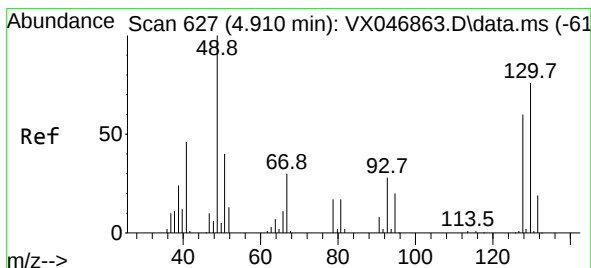
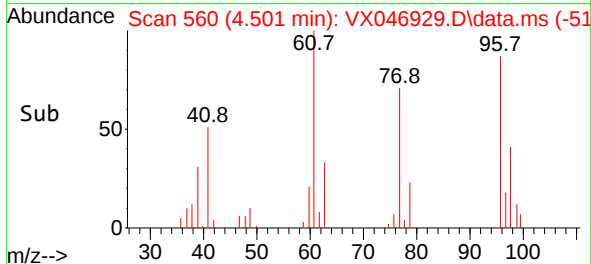
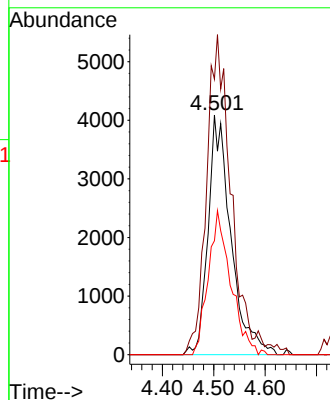
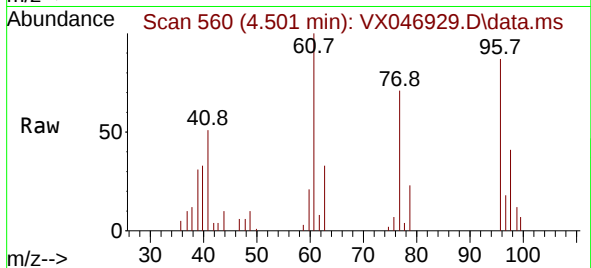
Tgt Ion: 96	Resp: 1262
Ion Ratio	Lower Upper
96 100	
61 139.8	0.0 288.6
98 59.3	0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#28

Bromochloromethane

Concen: 2.430 ug/l

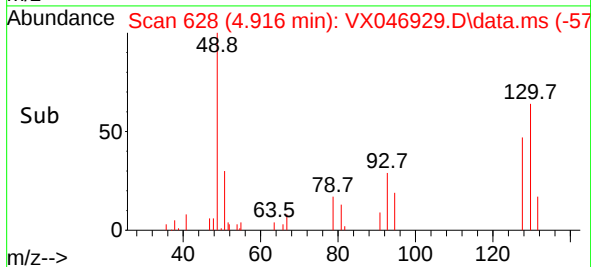
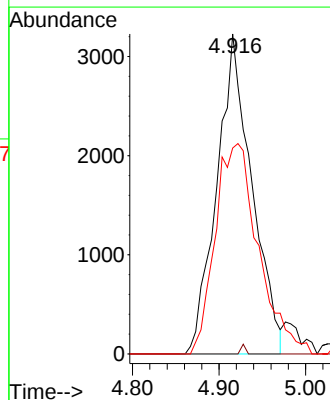
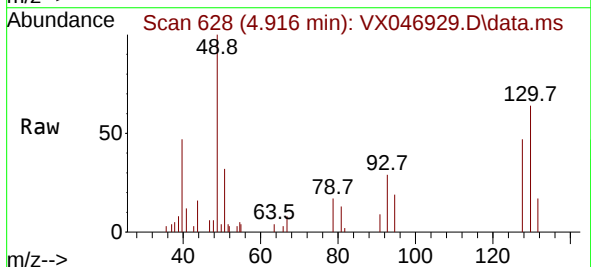
RT: 4.916 min Scan# 628

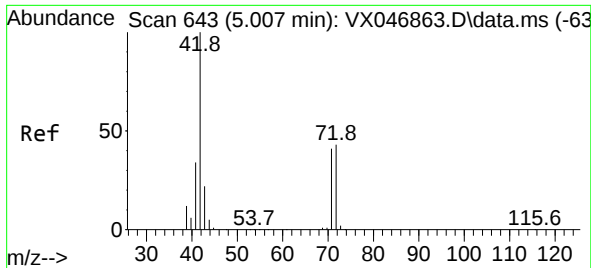
Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

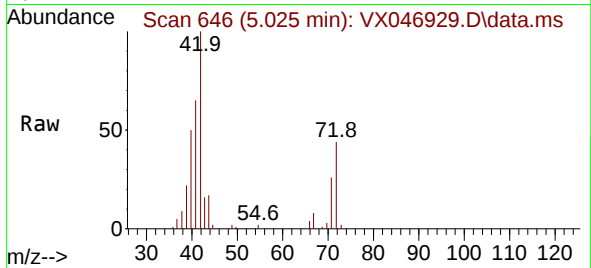
Tgt Ion: 49	Resp: 9068
Ion Ratio	Lower Upper
49 100	
129 0.4	0.0 4.2
130 81.0	61.7 92.5





#29
Tetrahydrofuran
Concen: 12.566 ug/l
RT: 5.025 min Scan# 643
Delta R.T. 0.018 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

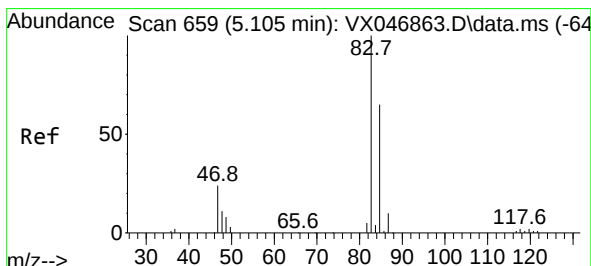
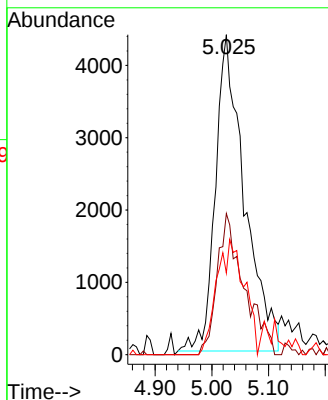
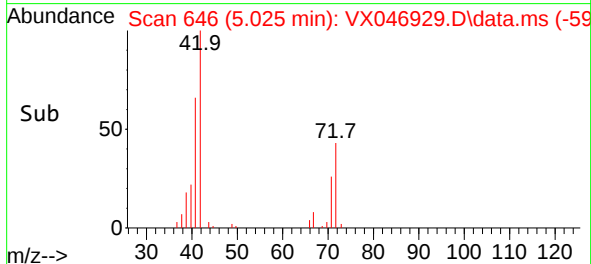
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 42 Resp: 15589
Ion Ratio Lower Upper
42 100
72 41.3 35.1 52.7
71 34.4 31.9 47.9

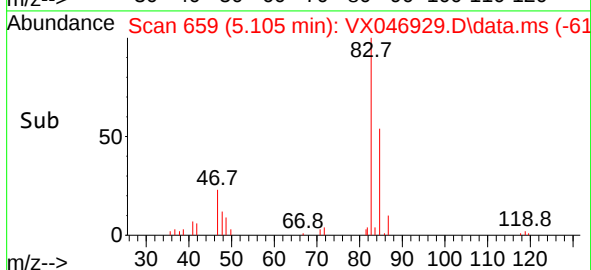
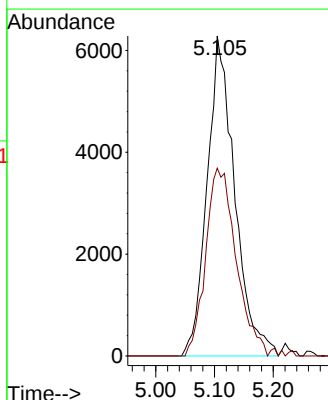
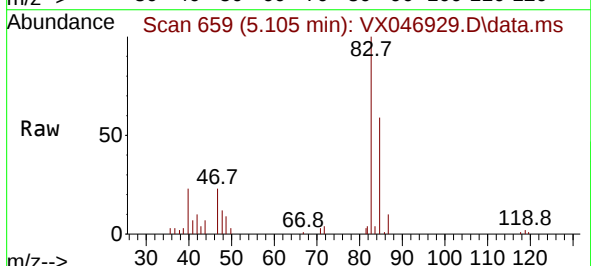
Manual Integrations
APPROVED

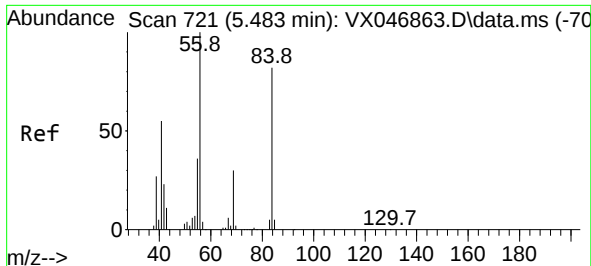
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#30
Chloroform
Concen: 2.660 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 83 Resp: 20547
Ion Ratio Lower Upper
83 100
85 56.2 51.8 77.8





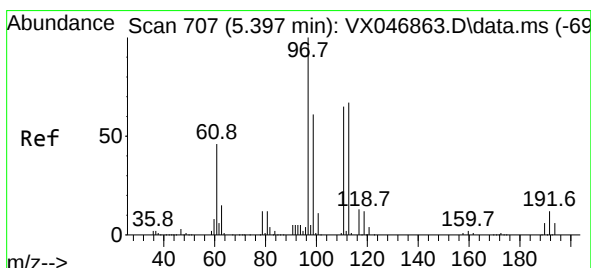
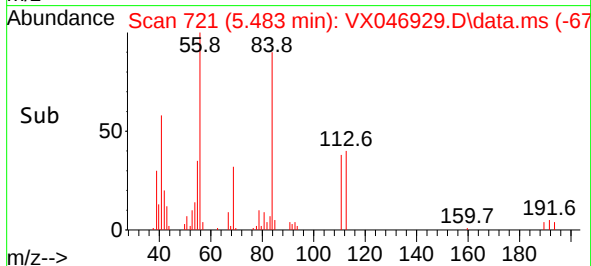
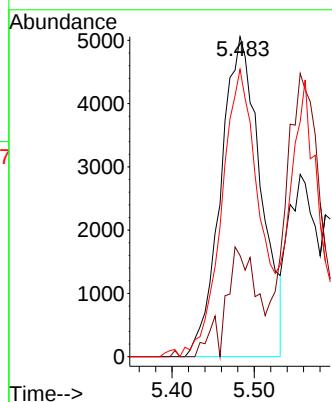
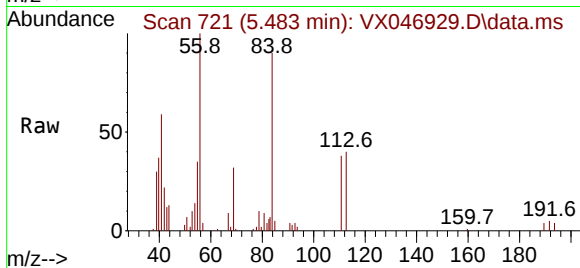
#31
Cyclohexane
Concen: 2.543 ug/l
RT: 5.483 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 56 Resp: 1707
Ion Ratio Lower Upper
56 100
69 32.9 24.0 36.0
84 89.8 66.5 99.7

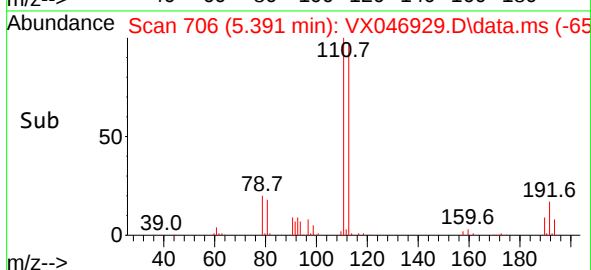
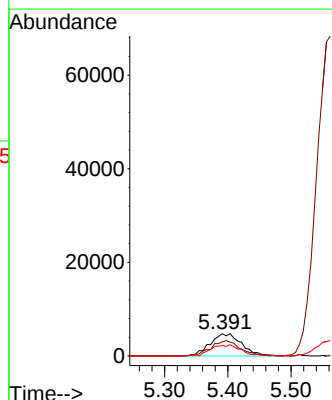
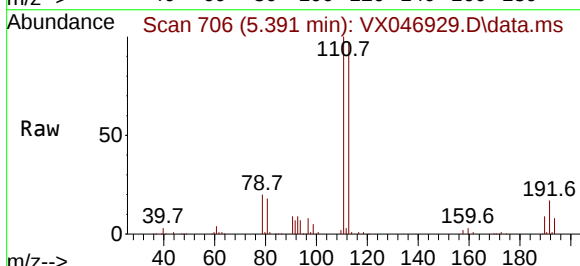
Manual Integrations
APPROVED

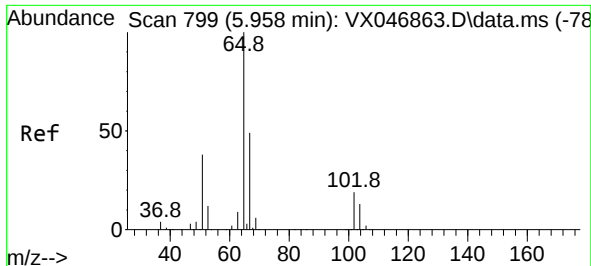
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#32
1,1,1-Trichloroethane
Concen: 2.547 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 97 Resp: 16438
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 47.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.825 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 23398

Ion Ratio Lower Upper

65 100

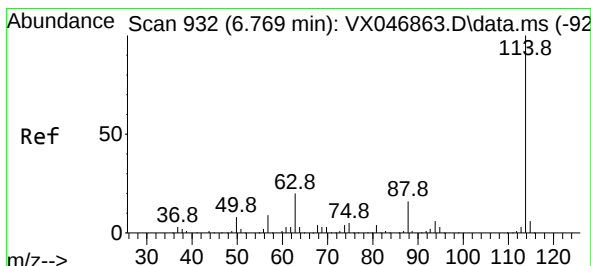
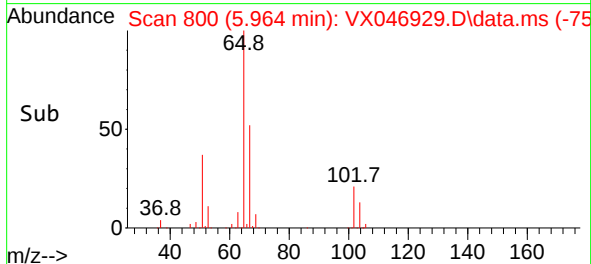
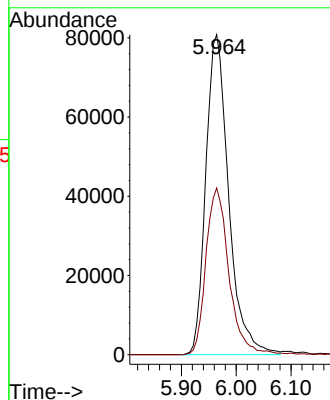
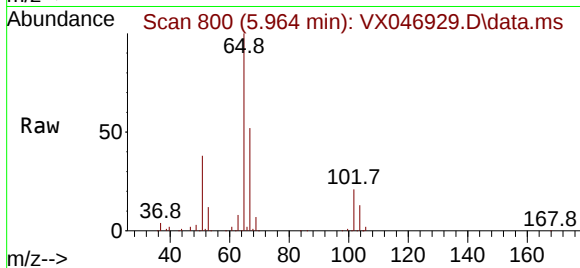
67 52.3 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

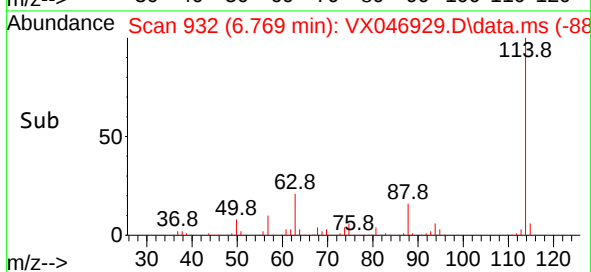
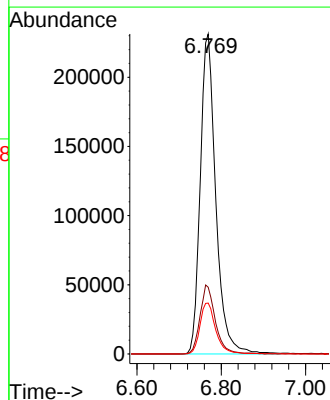
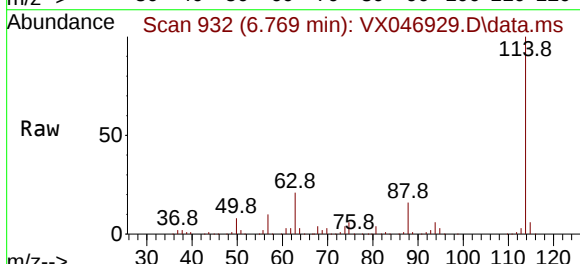
Tgt Ion:114 Resp: 592251

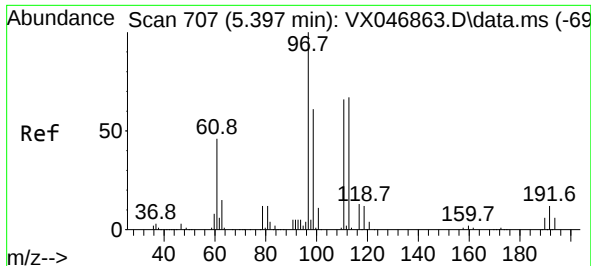
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

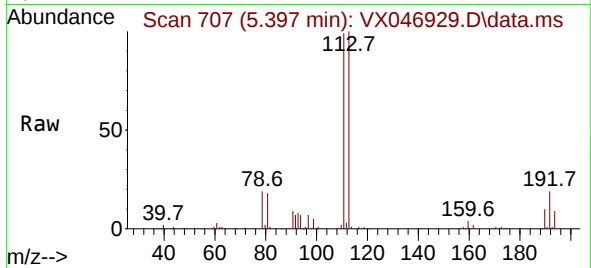
88 15.9 0.0 31.0





#35
Dibromofluoromethane
Concen: 48.922 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

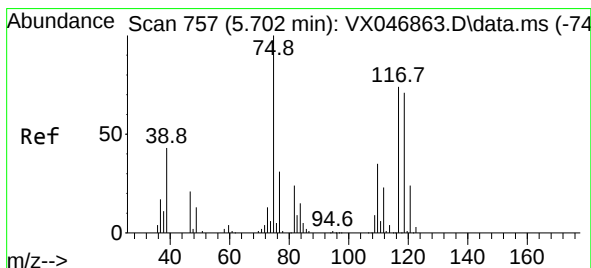
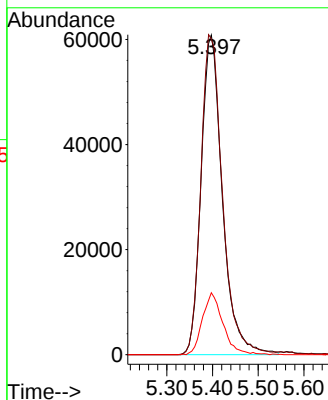
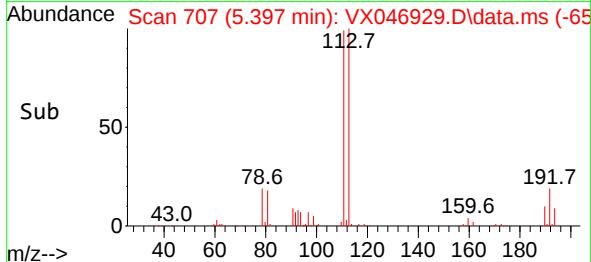
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 113 Resp: 19667
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 18.7 15.3 22.9

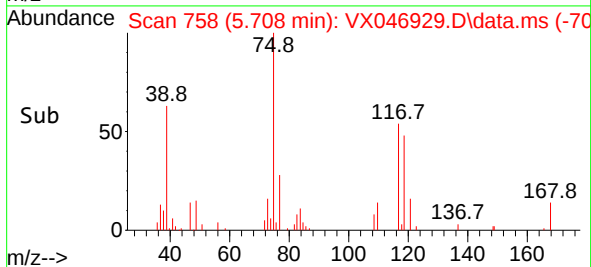
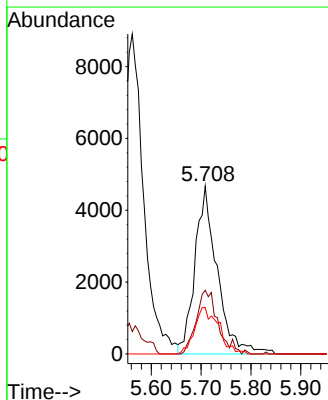
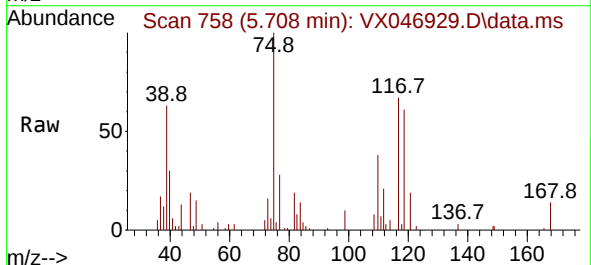
Manual Integrations
APPROVED

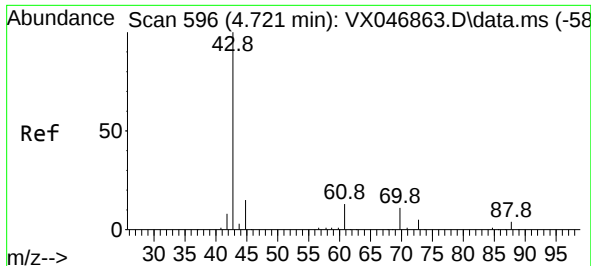
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#36
1,1-Dichloropropene
Concen: 2.677 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

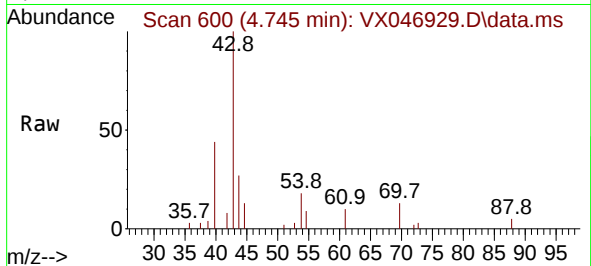
Tgt Ion: 75 Resp: 14520
Ion Ratio Lower Upper
75 100
110 36.7 17.3 51.9
77 29.8 24.2 36.4





#37
Ethyl Acetate
Concen: 2.242 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

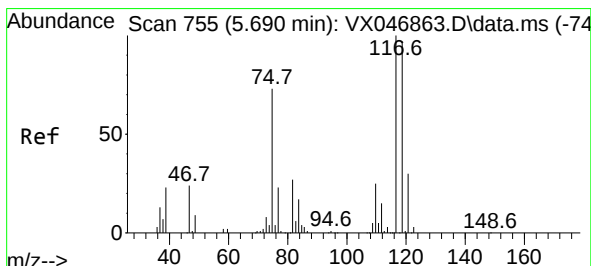
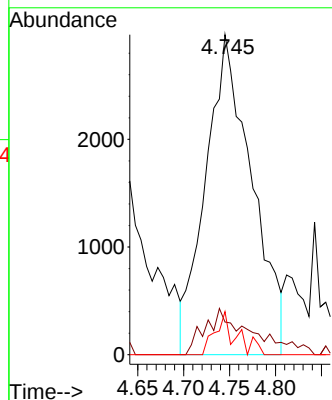
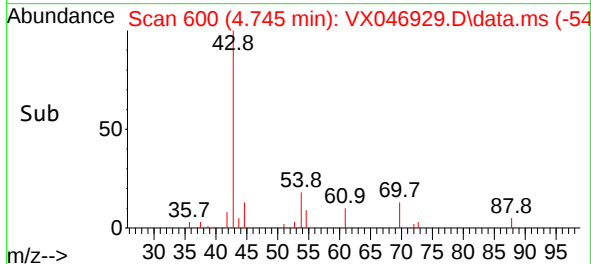
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 10350
Ion Ratio Lower Upper
43 100
61 14.8 9.7 14.5
70 6.2 8.3 12.5

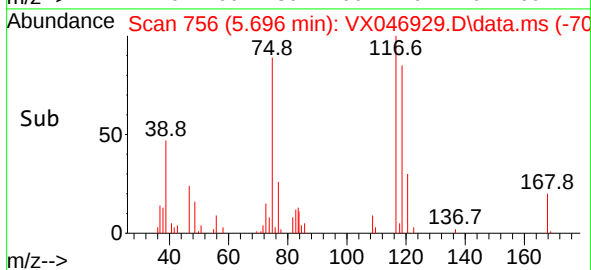
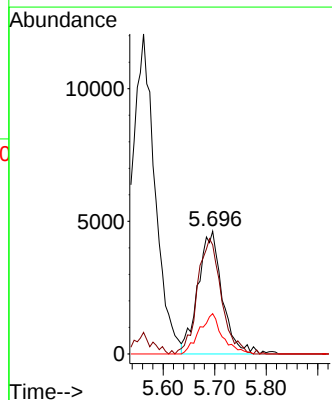
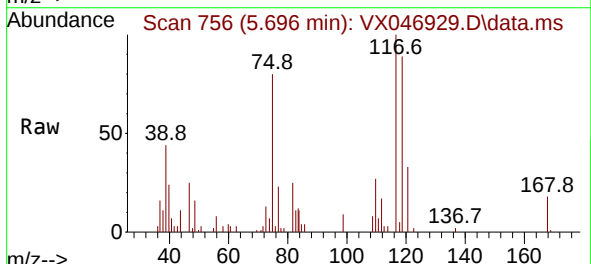
Manual Integrations
APPROVED

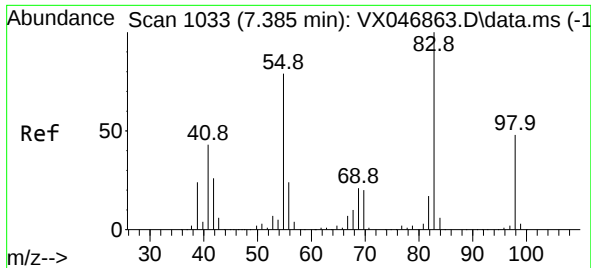
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#38
Carbon Tetrachloride
Concen: 2.649 ug/l m
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:117 Resp: 15192
Ion Ratio Lower Upper
117 100
119 88.9 76.6 114.8
121 32.8 24.1 36.1





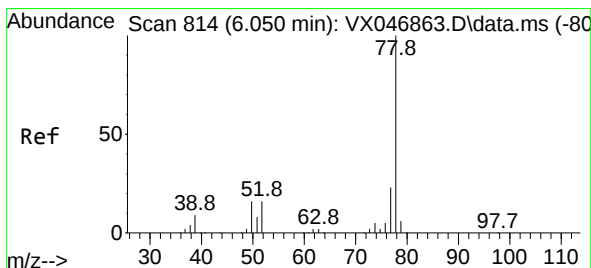
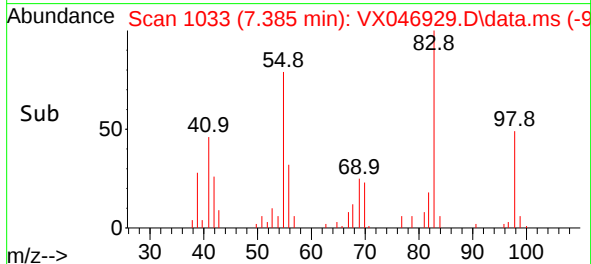
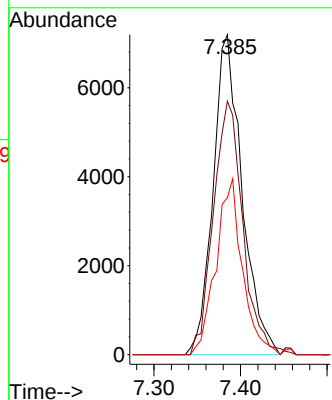
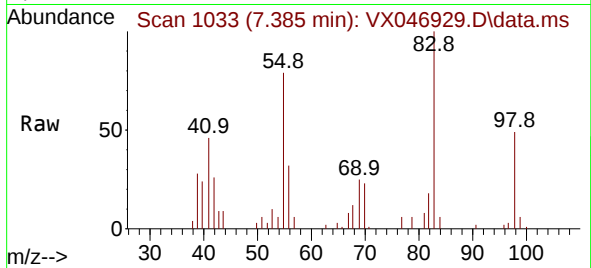
#39
Methylcyclohexane
Concen: 2.462 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 1670
Ion Ratio Lower Upper
83 100
55 79.2 63.0 94.4
98 49.1 38.5 57.7

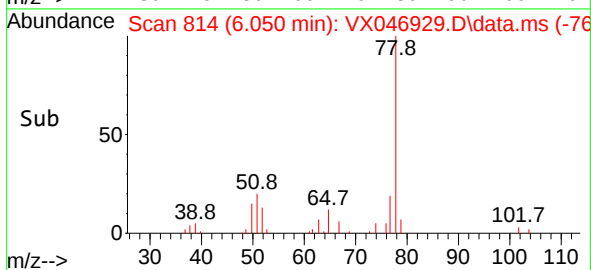
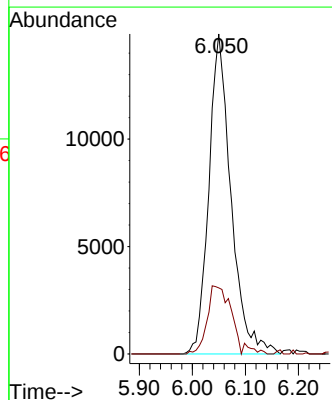
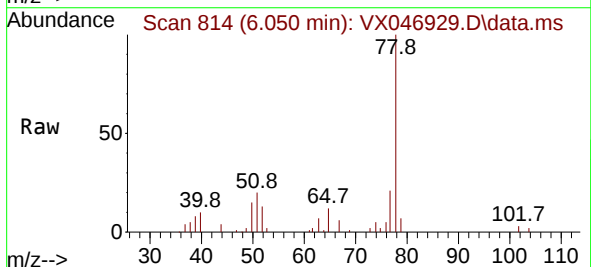
Manual Integrations
APPROVED

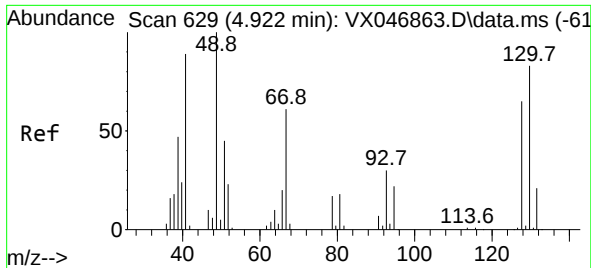
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#40
Benzene
Concen: 2.630 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 78 Resp: 43150
Ion Ratio Lower Upper
78 100
77 20.7 18.7 28.1





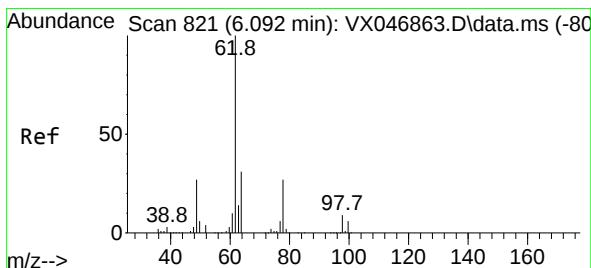
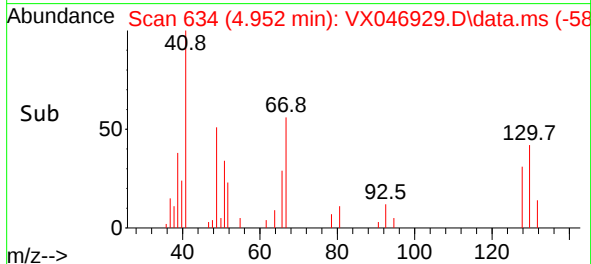
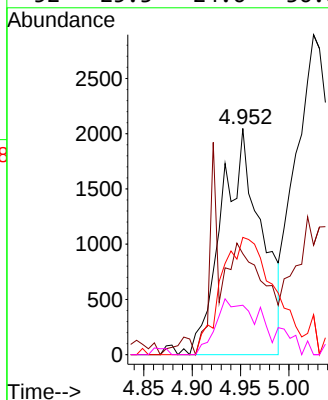
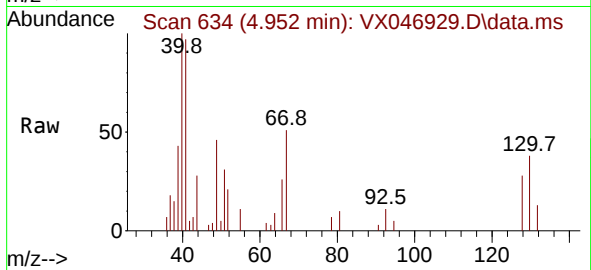
#41
Methacrylonitrile
Concen: 2.381 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 41 Resp: 586
Ion Ratio Lower Upper
41 100
39 14.7 43.0 64.4
67 69.0 60.2 90.2
52 25.3 24.6 36.8

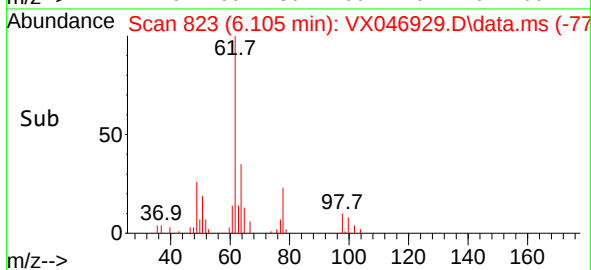
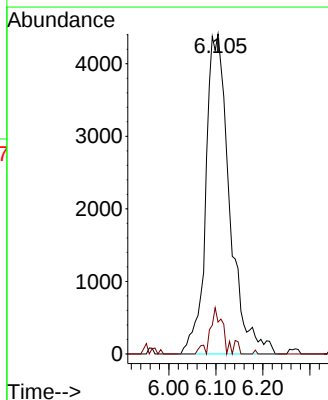
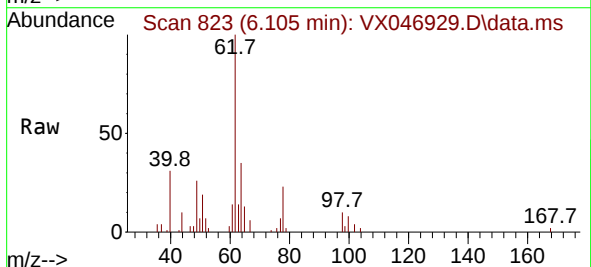
Manual Integrations
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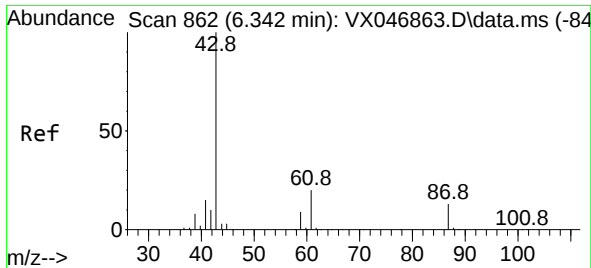
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#42
1,2-Dichloroethane
Concen: 2.780 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 62 Resp: 15490
Ion Ratio Lower Upper
62 100
98 7.5 0.0 19.4





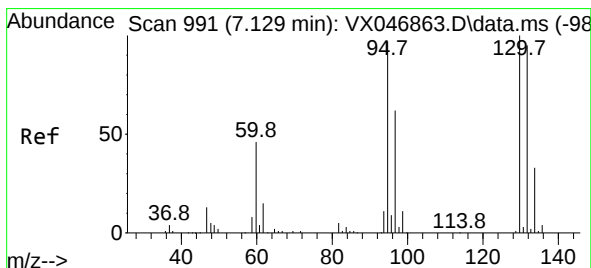
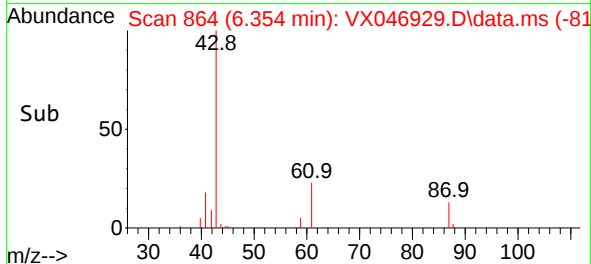
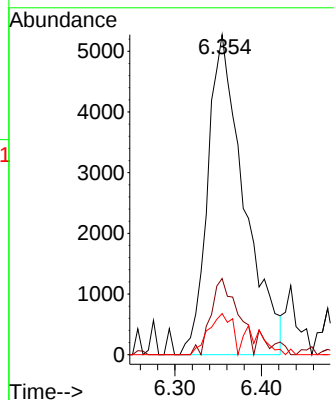
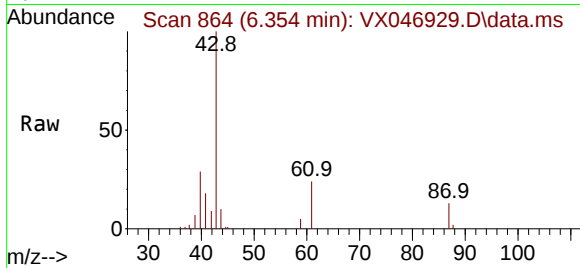
#43
Isopropyl Acetate
Concen: 2.174 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
61 17.3 15.7 23.5
87 8.3 10.1 15.1

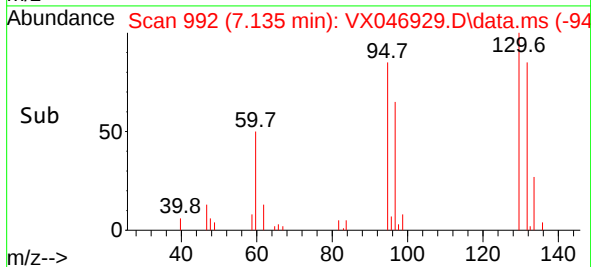
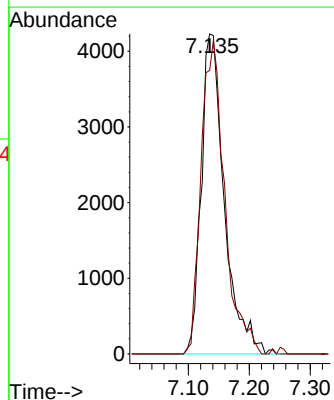
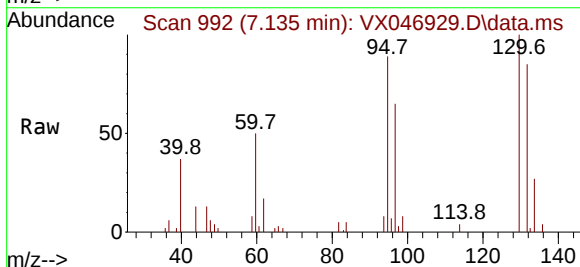
Manual Integrations
APPROVED

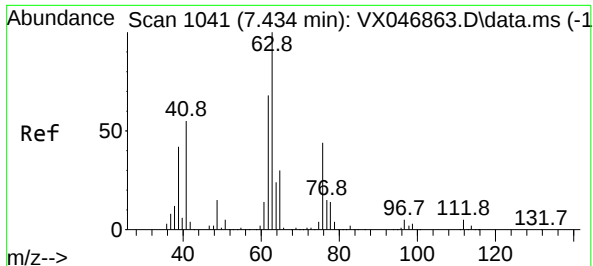
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#44
Trichloroethene
Concen: 2.605 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:130 Resp: 11125
Ion Ratio Lower Upper
130 100
95 88.6 0.0 194.2





#45

1,2-Dichloropropane

Concen: 2.494 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 10339

Ion Ratio Lower Upper

63 100

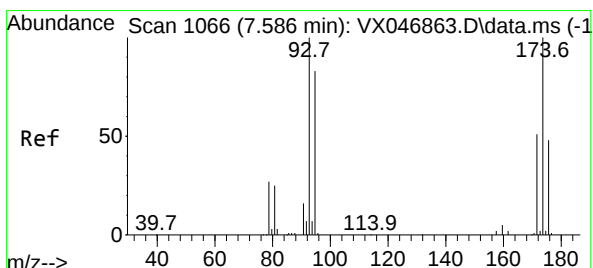
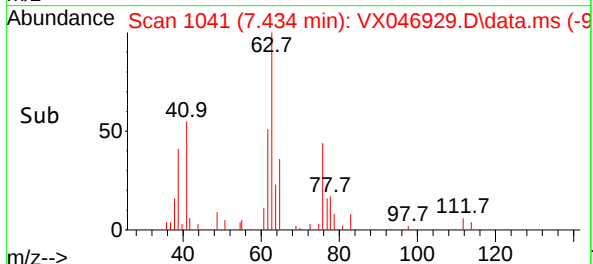
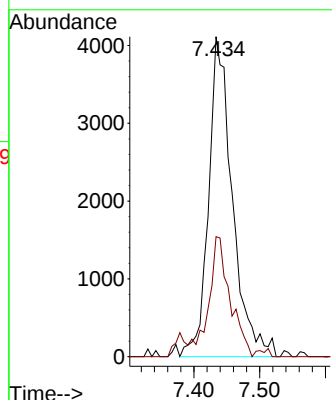
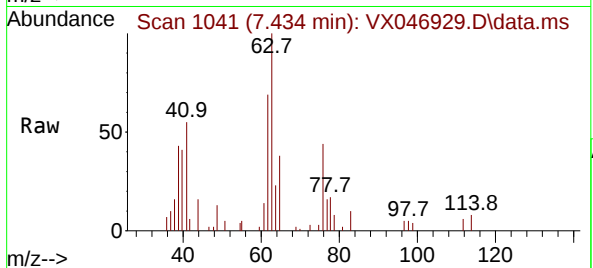
65 37.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#46

Dibromomethane

Concen: 2.566 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

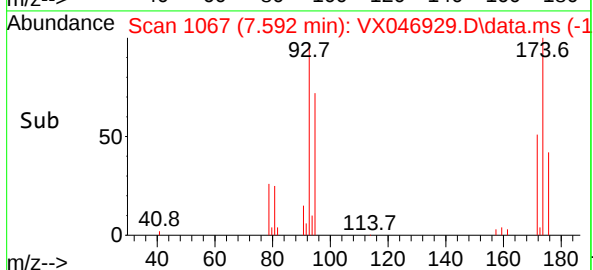
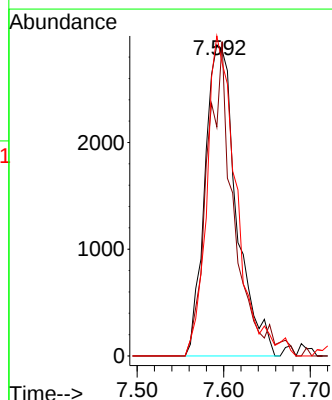
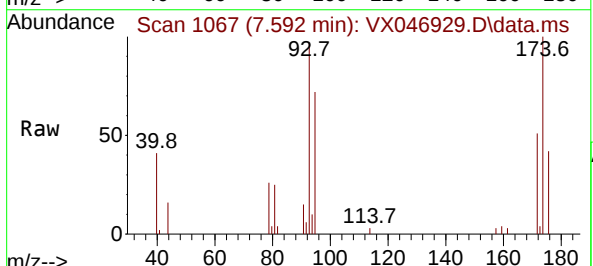
Tgt Ion: 93 Resp: 7370

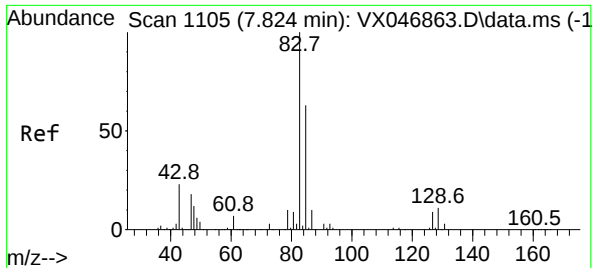
Ion Ratio Lower Upper

93 100

95 86.3 66.6 99.8

174 96.7 77.4 116.2





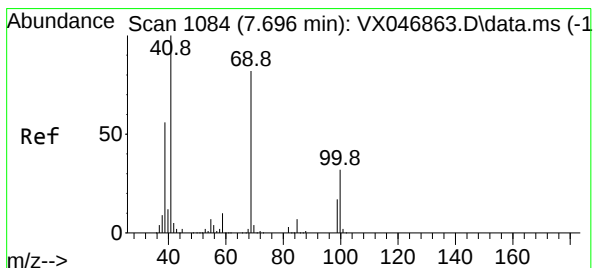
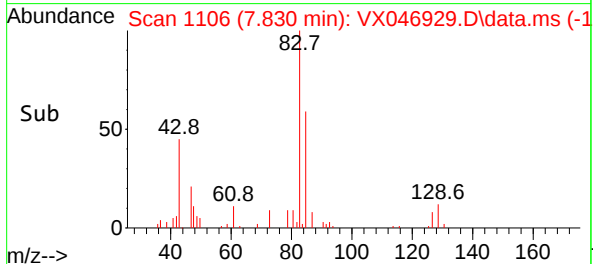
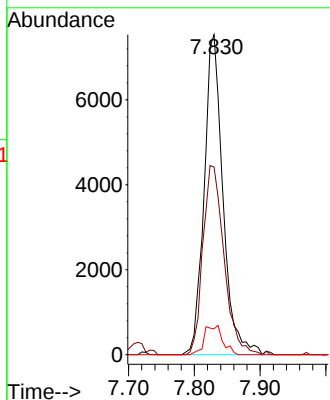
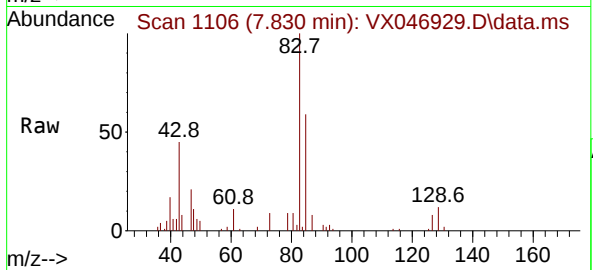
#47
Bromodichloromethane
Concen: 2.452 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 15034
Ion Ratio Lower Upper
83 100
85 57.3 50.2 75.4
127 7.9 7.1 10.7

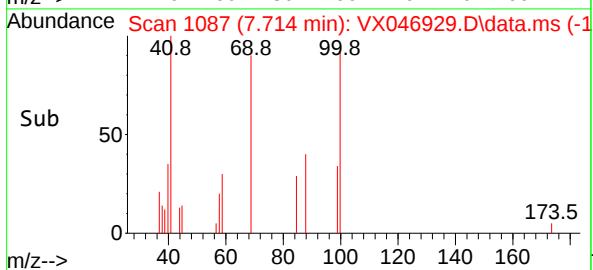
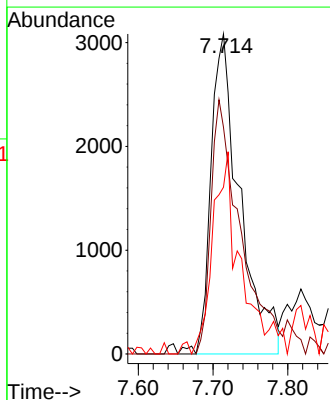
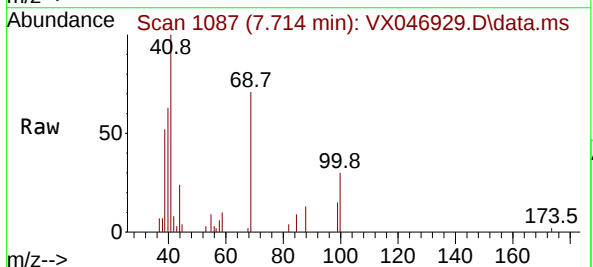
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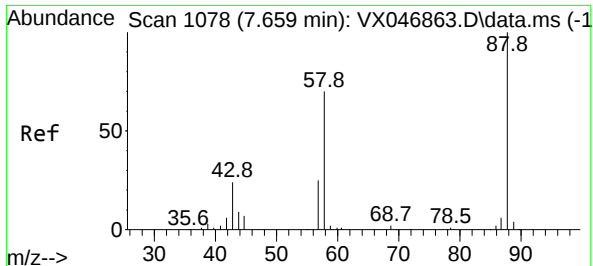
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#48
Methyl methacrylate
Concen: 2.269 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

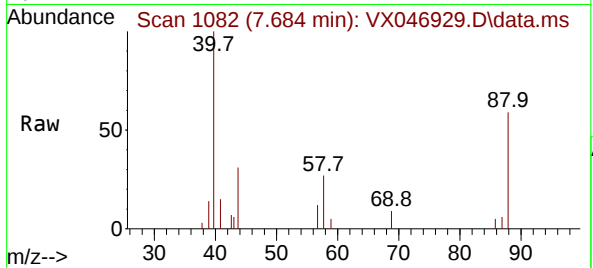
Tgt Ion: 41 Resp: 8291
Ion Ratio Lower Upper
41 100
69 81.1 65.8 98.8
39 57.3 43.8 65.6





#49
 1,4-Dioxane
 Concen: 53.926 ug/l
 RT: 7.684 min Scan# 1082
 Delta R.T. 0.024 min
 Lab File: VX046929.D
 Acq: 09 Jul 2025 14:06

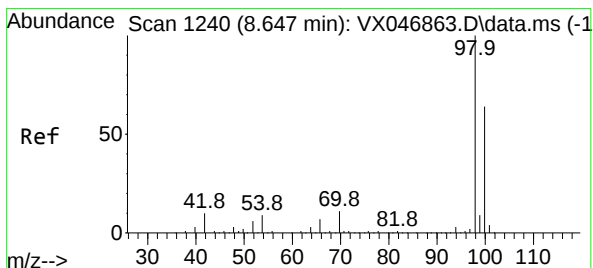
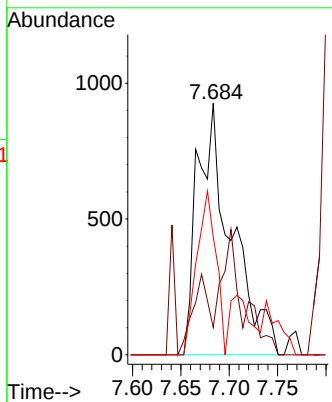
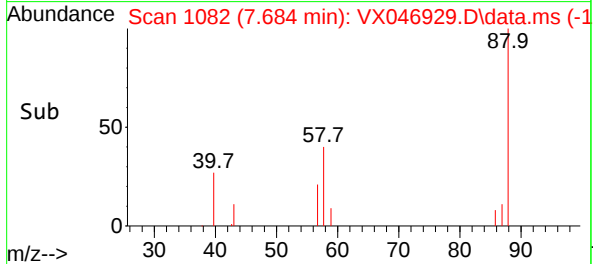
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 88	Resp: 228
Ion Ratio	Lower Upper
88 100	
43 0.0	31.7 47.5
58 36.6	57.5 86.3

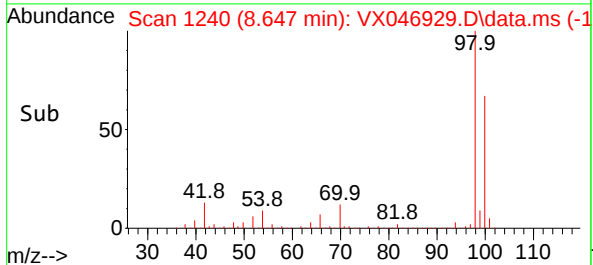
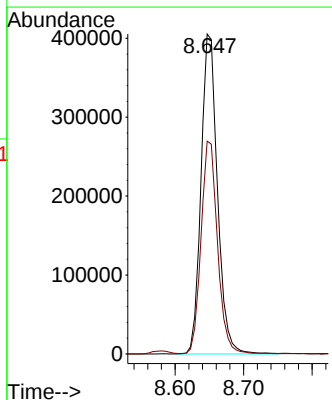
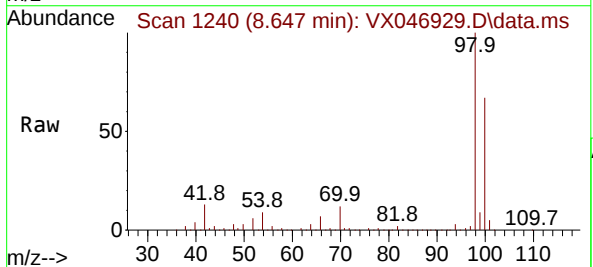
Manual Integrations
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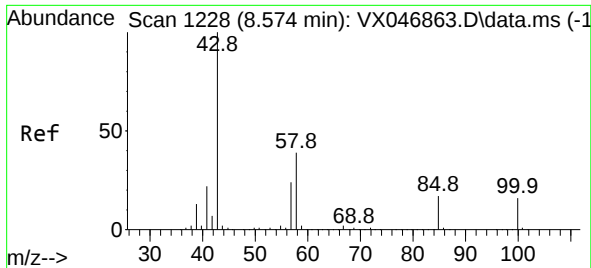
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#50
 Toluene-d8
 Concen: 47.676 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX046929.D
 Acq: 09 Jul 2025 14:06

Tgt Ion: 98	Resp: 676245
Ion Ratio	Lower Upper
98 100	
100 66.5	53.0 79.6





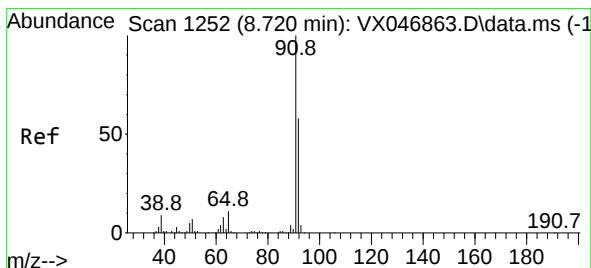
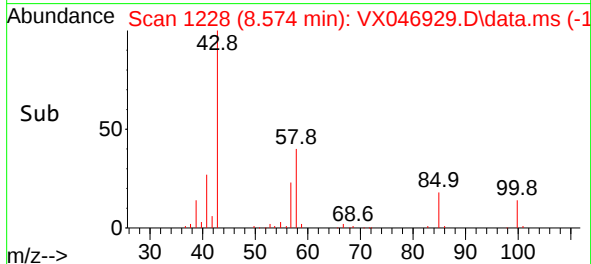
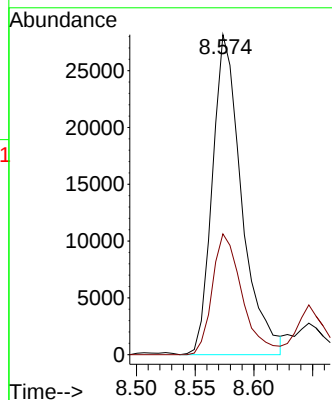
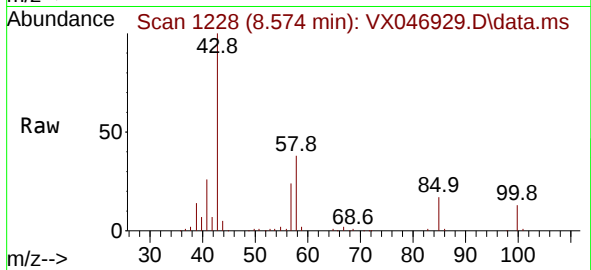
#51
4-Methyl-2-Pentanone
Concen: 11.701 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 48864
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

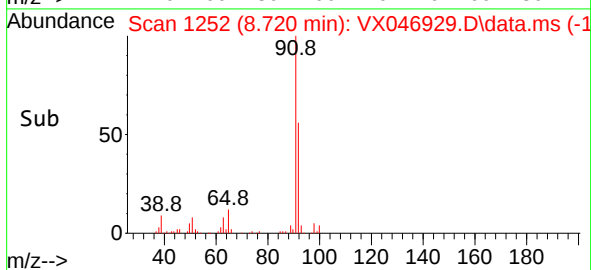
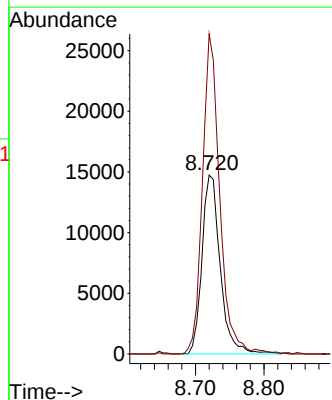
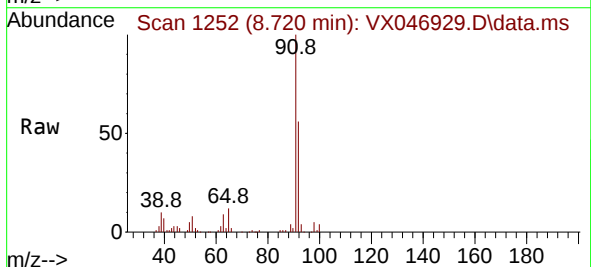
Manual Integrations
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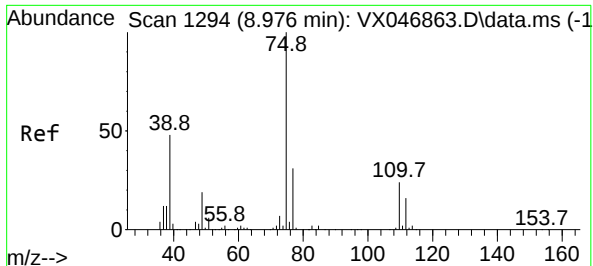
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#52
Toluene
Concen: 2.689 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 92 Resp: 27336
Ion Ratio Lower Upper
92 100
91 169.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 2.363 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 75 Resp: 1293

Ion Ratio Lower Upper

75 100

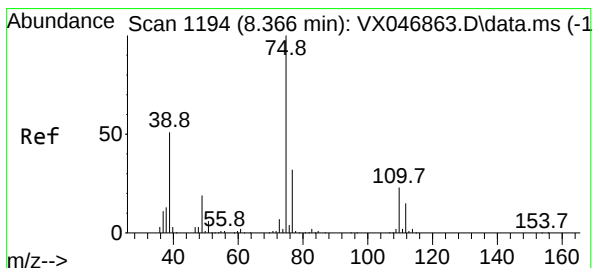
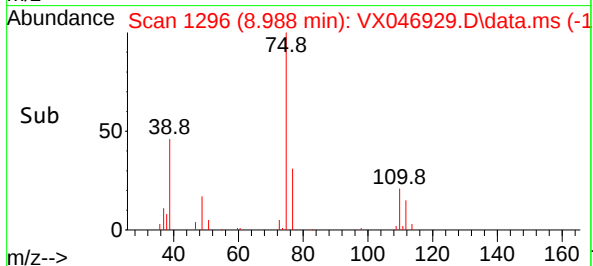
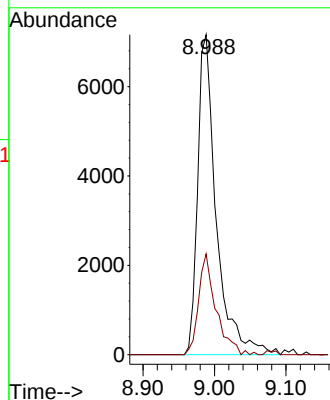
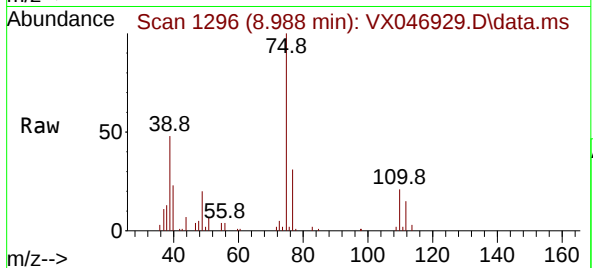
77 31.5 25.0 37.6

Manual Integrations

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Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#54

cis-1,3-Dichloropropene

Concen: 2.371 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

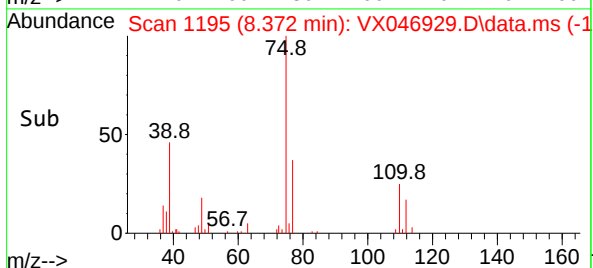
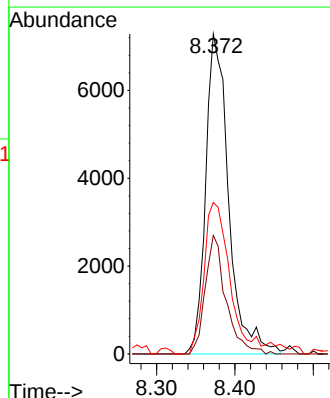
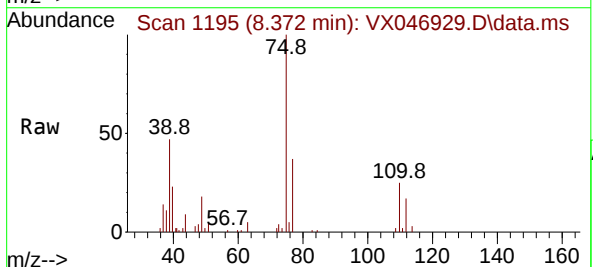
Tgt Ion: 75 Resp: 14809

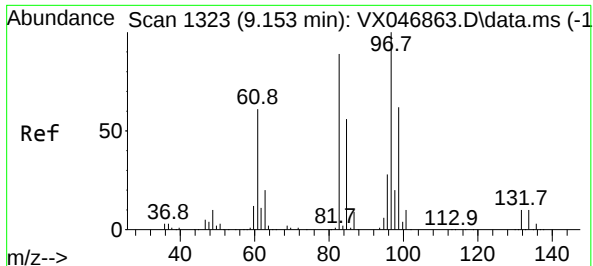
Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.2

39 70.0 40.7 61.1#





#55

1,1,2-Trichloroethane

Concen: 2.645 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

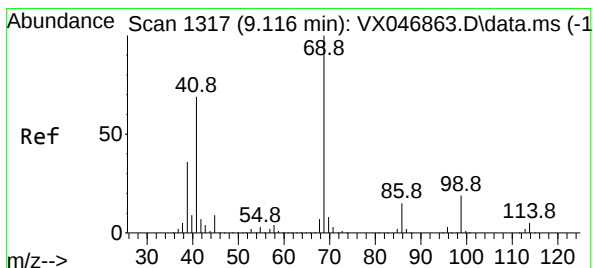
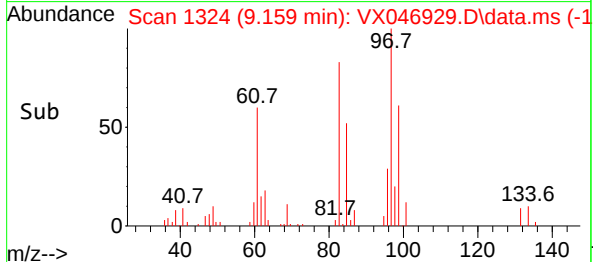
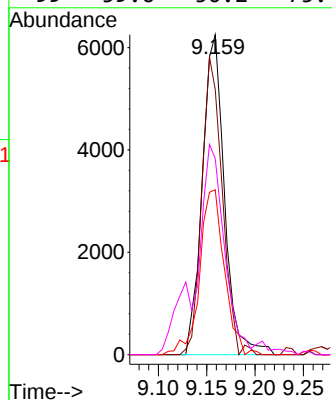
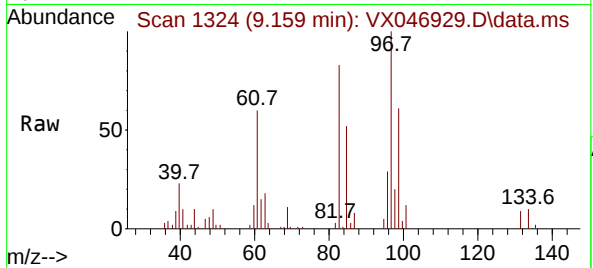
Tgt Ion:	97	Resp:	10014
Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.9	106.3
85	51.6	44.6	67.0
99	59.6	50.2	75.4

Manual Integrations

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Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#56

Ethyl methacrylate

Concen: 2.159 ug/l

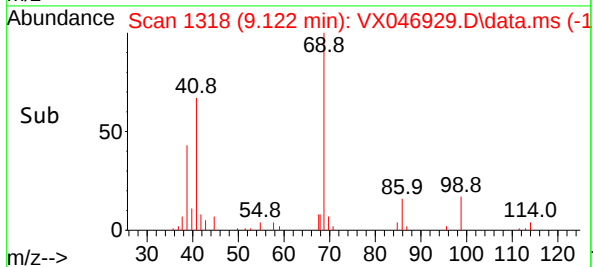
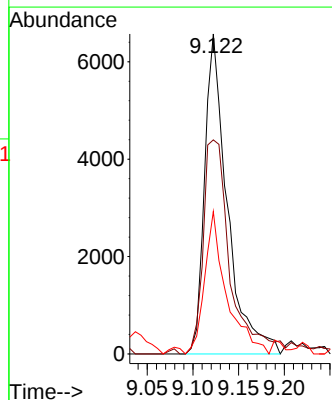
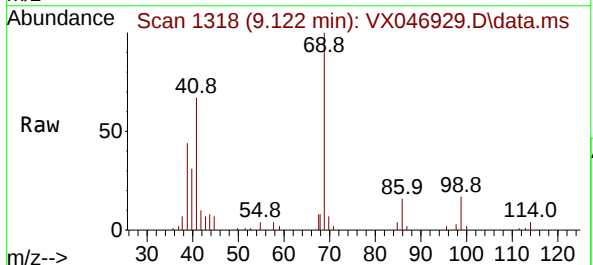
RT: 9.122 min Scan# 1318

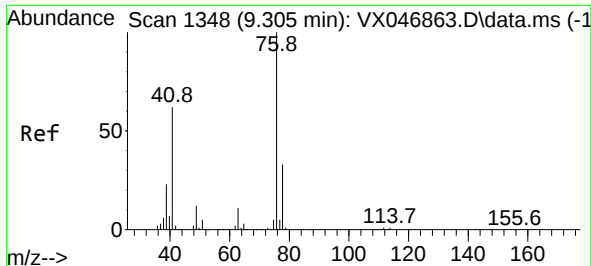
Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

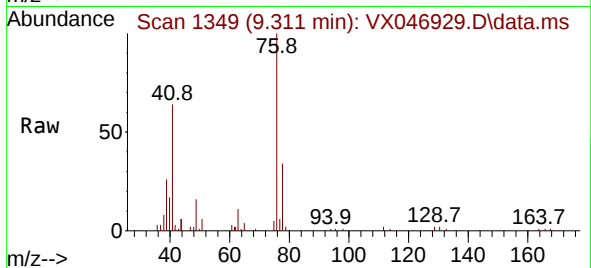
Tgt Ion:	69	Resp:	11318
Ion	Ratio	Lower	Upper
69	100		
41	79.1	54.6	82.0
39	42.8	28.7	43.1





#57
1,3-Dichloropropane
Concen: 2.662 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

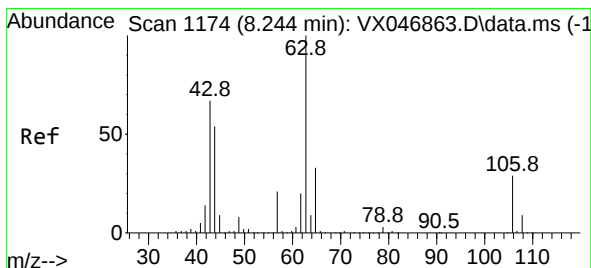
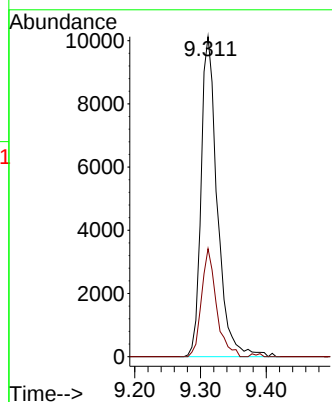
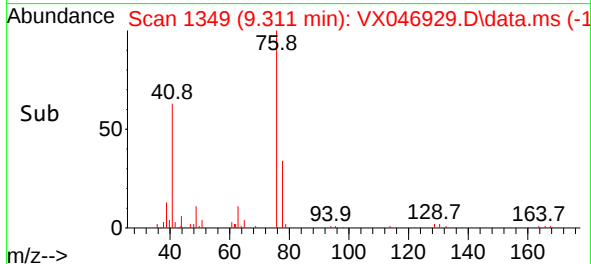
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 76 Resp: 17360
Ion Ratio Lower Upper
76 100
78 30.8 25.9 38.9

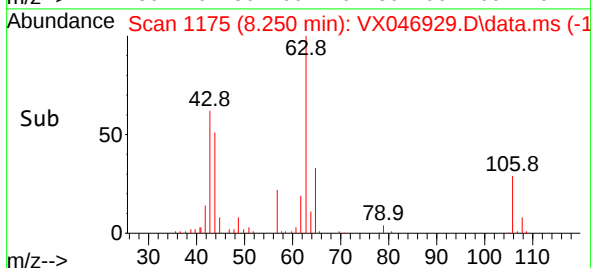
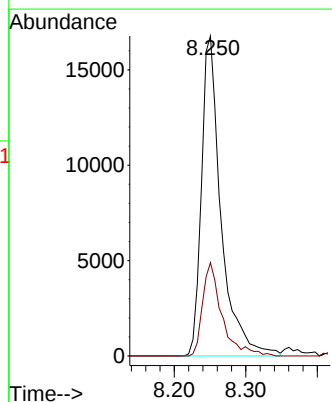
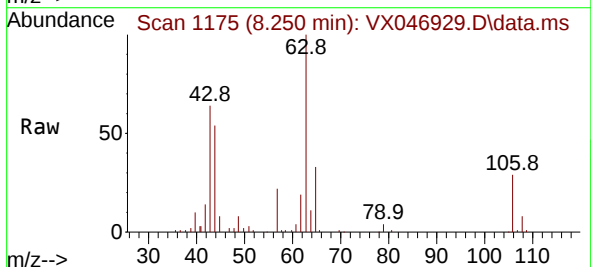
Manual Integrations
APPROVED

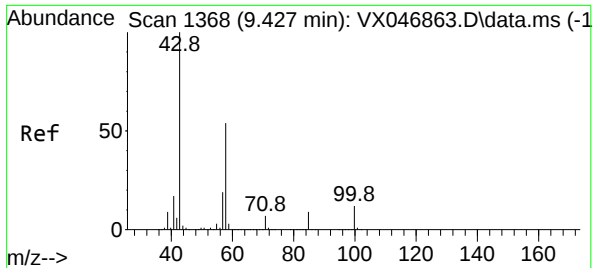
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#58
2-Chloroethyl Vinyl ether
Concen: 10.780 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 63 Resp: 31836
Ion Ratio Lower Upper
63 100
106 28.8 22.6 33.8





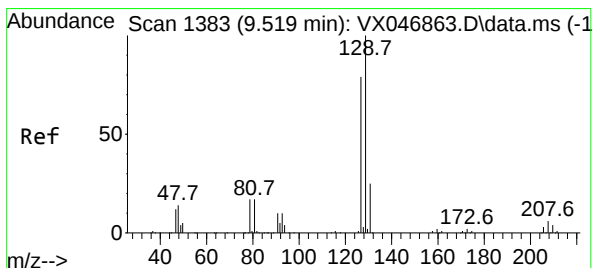
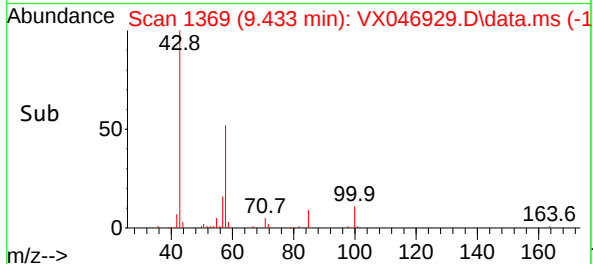
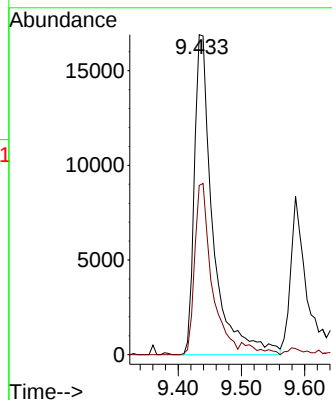
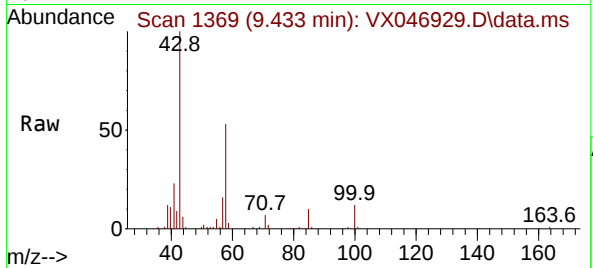
#59
2-Hexanone
Concen: 12.439 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 34458
Ion Ratio Lower Upper
43 100
58 49.0 27.1 81.3

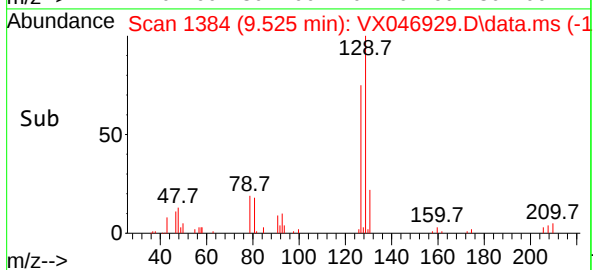
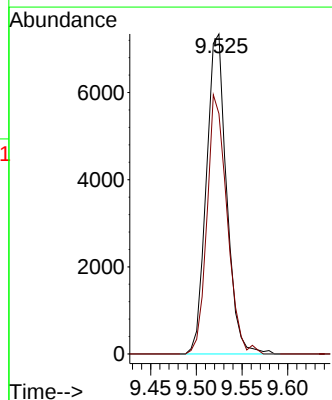
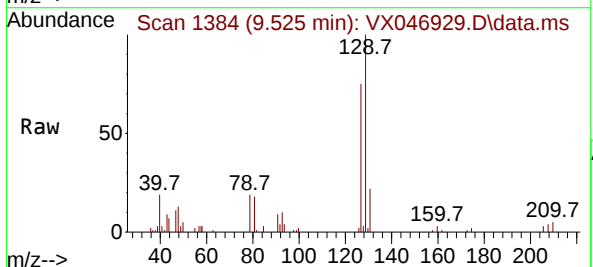
Manual Integrations
APPROVED

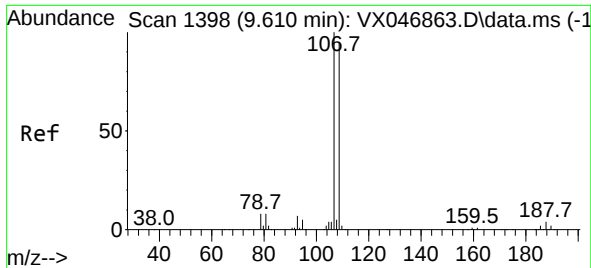
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#60
Dibromochloromethane
Concen: 2.485 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

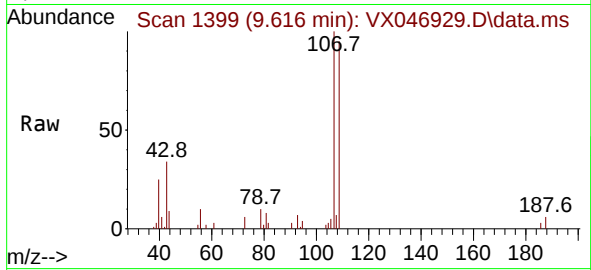
Tgt Ion:129 Resp: 11263
Ion Ratio Lower Upper
129 100
127 80.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 2.684 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

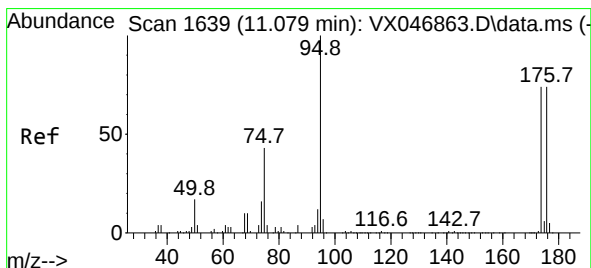
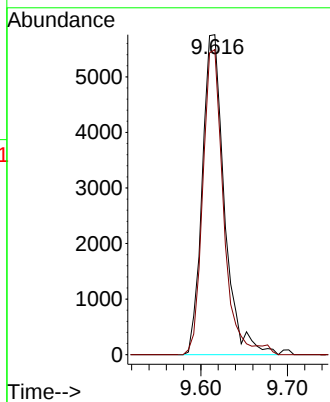
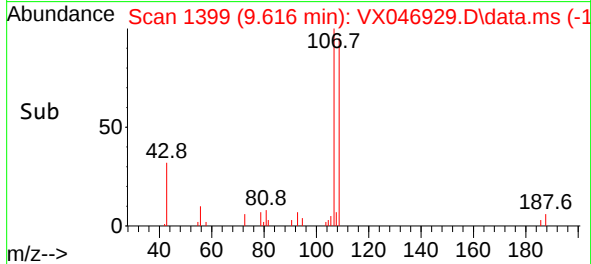
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



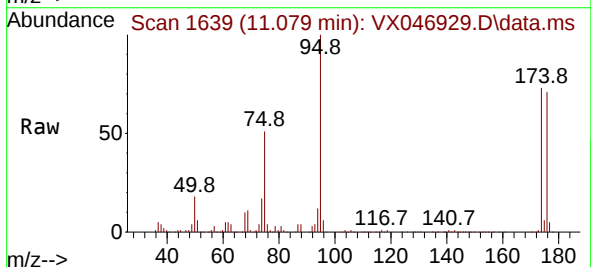
Tgt Ion:107 Resp: 10200
Ion Ratio Lower Upper
107 100
109 89.7 75.4 113.2

Manual Integrations
APPROVED

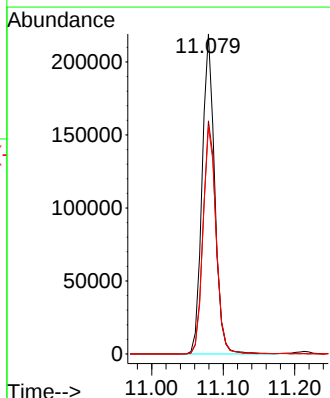
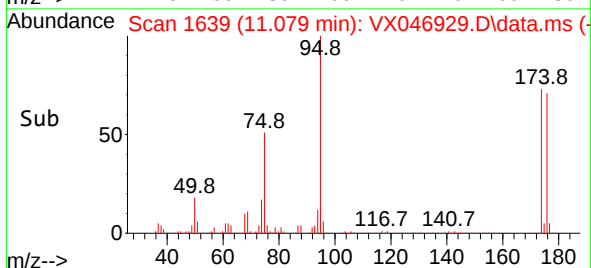
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

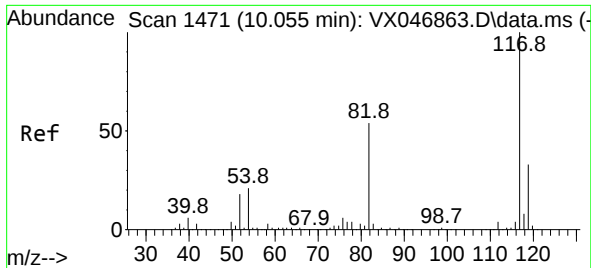


#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06



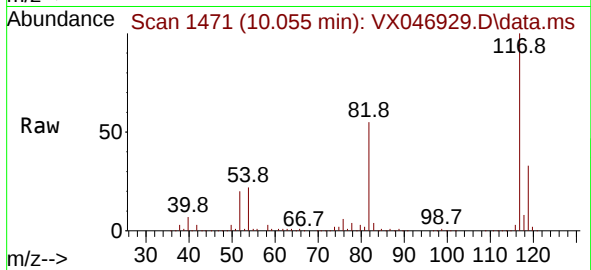
Tgt Ion: 95 Resp: 267109
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 73.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

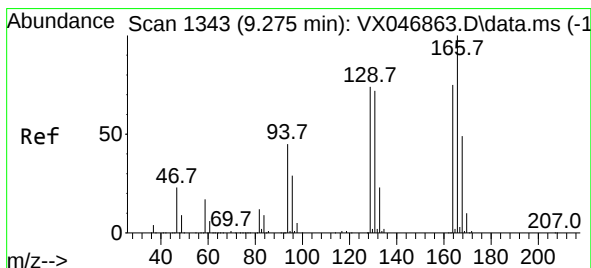
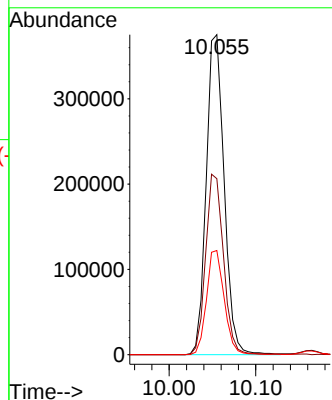
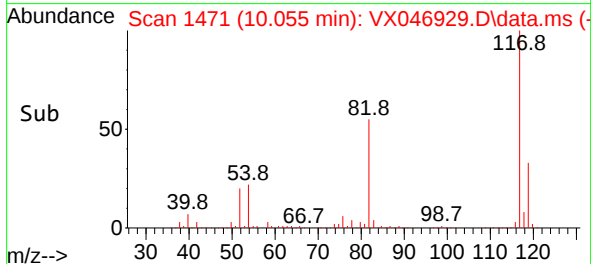
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:117 Resp: 540069
Ion Ratio Lower Upper
117 100
82 55.0 43.3 64.9
119 32.5 26.4 39.6

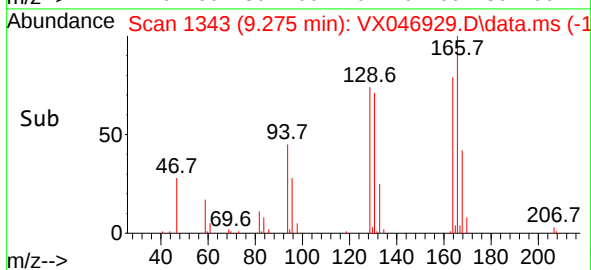
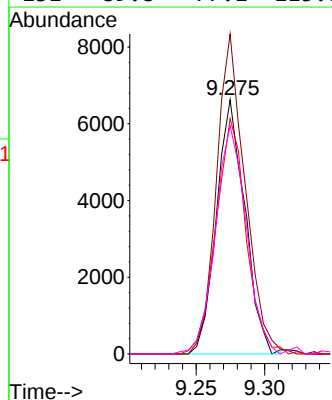
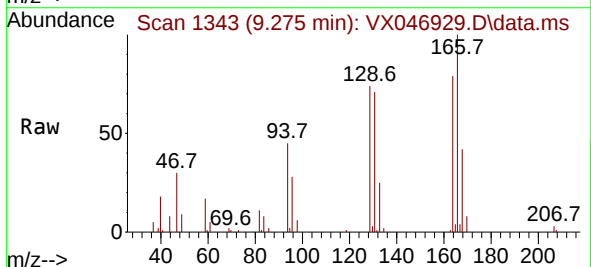
Manual Integrations
APPROVED

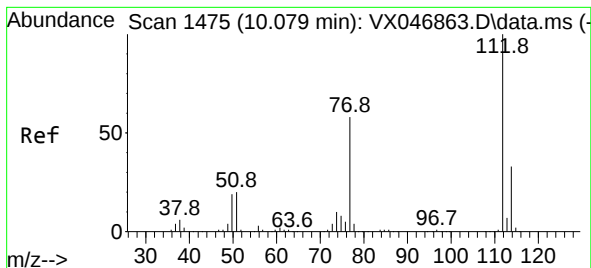
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#64
Tetrachloroethene
Concen: 2.660 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:164 Resp: 9566
Ion Ratio Lower Upper
164 100
166 125.9 107.0 160.6
129 92.6 79.7 119.5
131 89.8 77.1 115.7





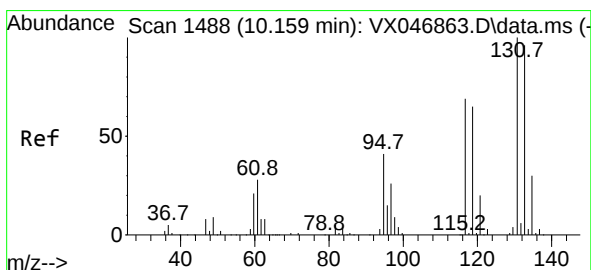
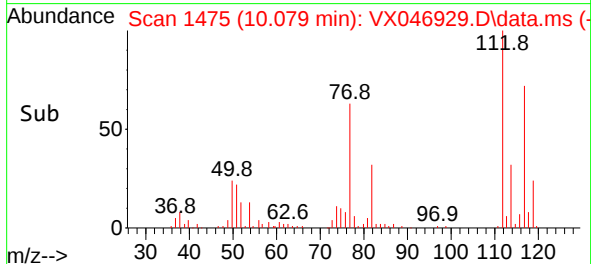
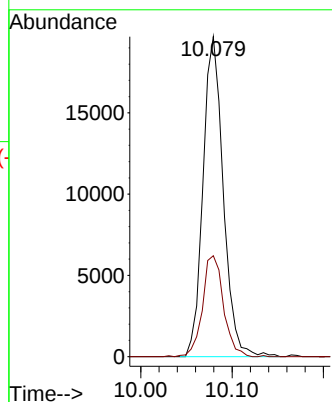
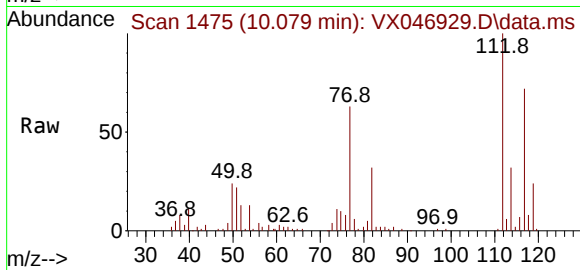
#65
Chlorobenzene
Concen: 2.602 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:112 Resp: 30379
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5

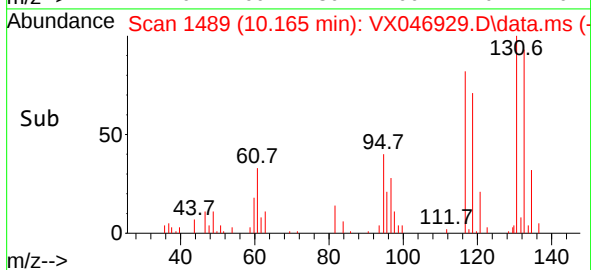
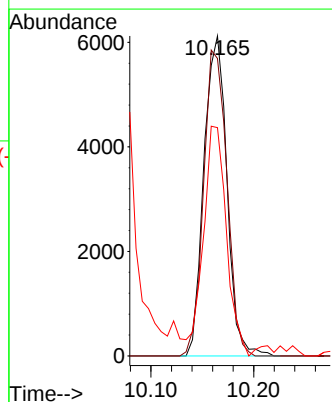
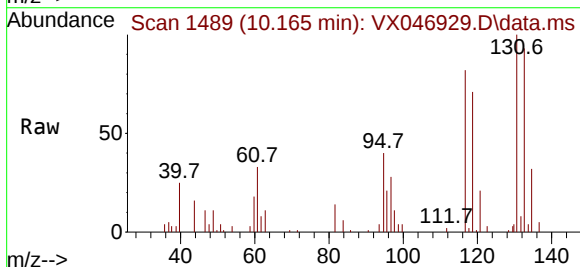
Manual Integrations
APPROVED

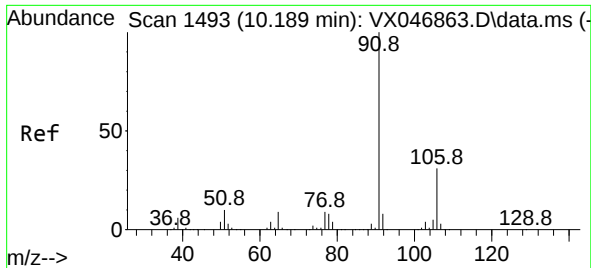
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.425 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:131 Resp: 9519
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 71.7 32.4 97.2





#67

Ethyl Benzene

Concen: 2.520 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 5039

Ion Ratio Lower Upper

91 100

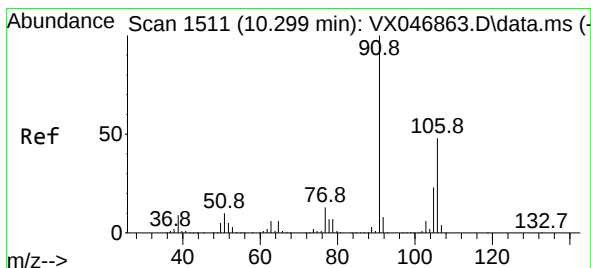
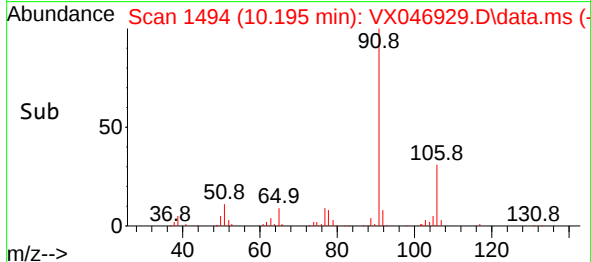
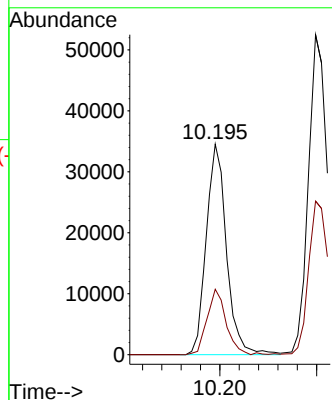
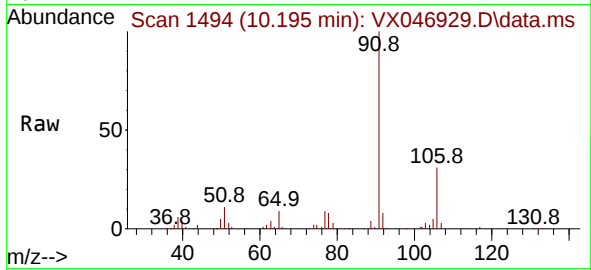
106 31.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#68

m/p-Xylenes

Concen: 5.040 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046929.D

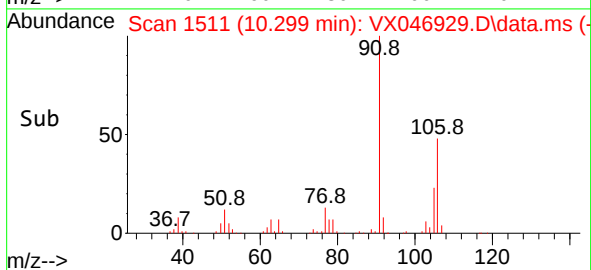
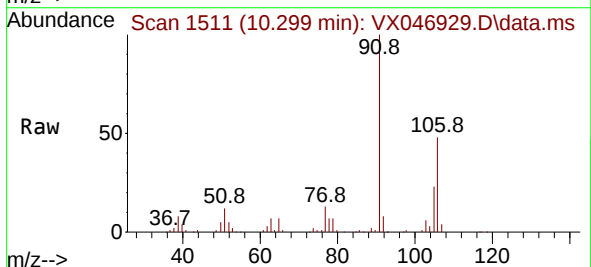
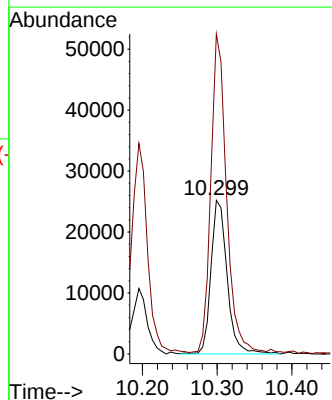
Acq: 09 Jul 2025 14:06

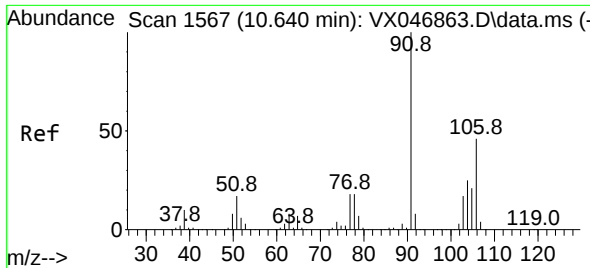
Tgt Ion:106 Resp: 37977

Ion Ratio Lower Upper

106 100

91 199.4 164.6 246.8





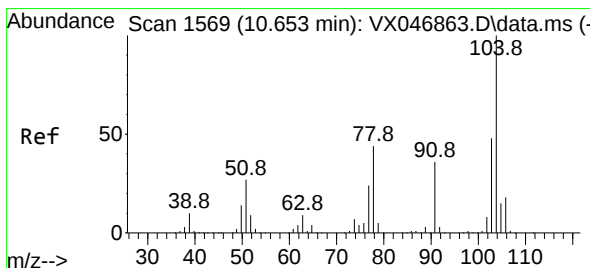
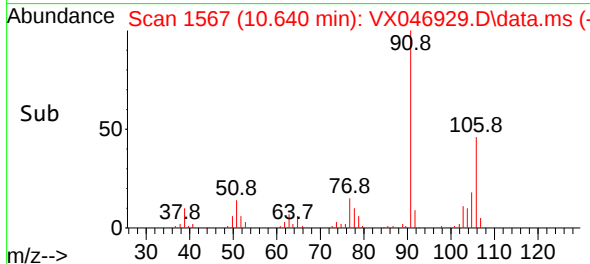
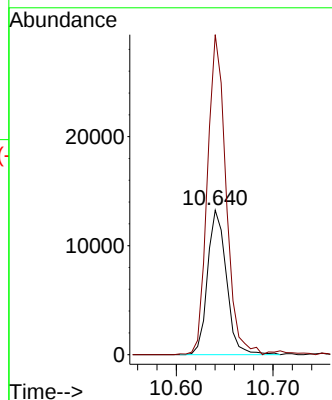
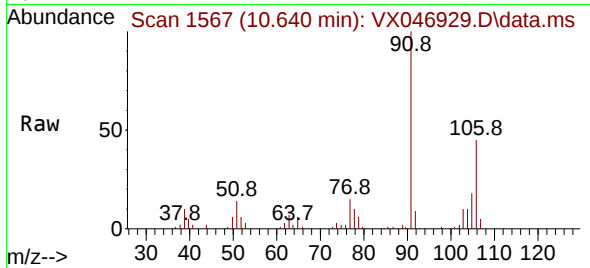
#69
o-Xylene
Concen: 2.474 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 1800
Ion Ratio Lower Upper
106 100
91 218.7 109.5 328.5

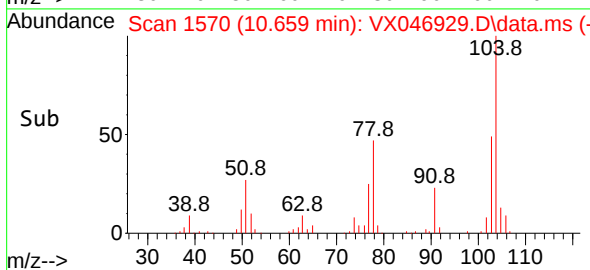
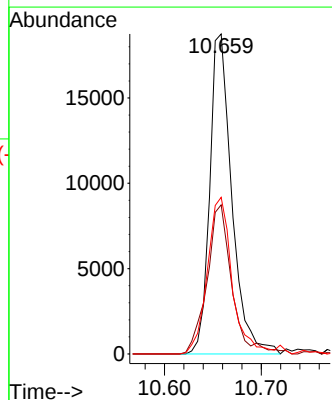
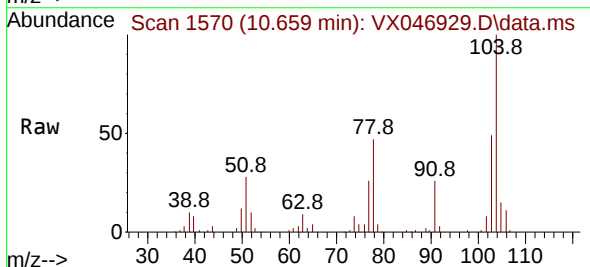
Manual Integrations
APPROVED

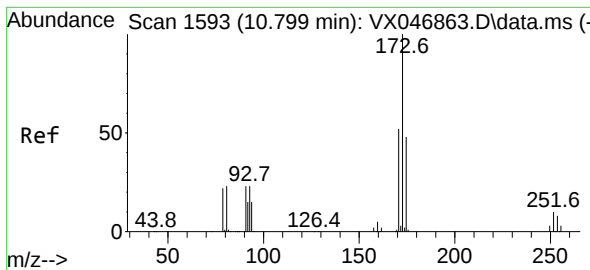
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#70
Styrene
Concen: 2.395 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

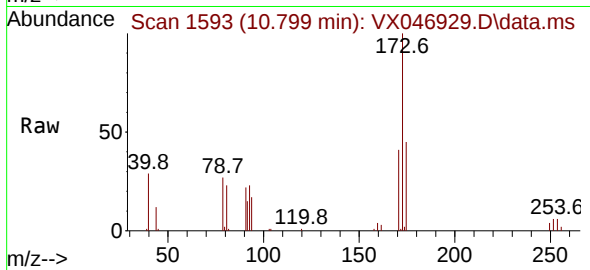
Tgt Ion:104 Resp: 29830
Ion Ratio Lower Upper
104 100
78 52.1 40.3 60.5
103 54.6 42.8 64.2





#71
Bromoform
Concen: 2.515 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

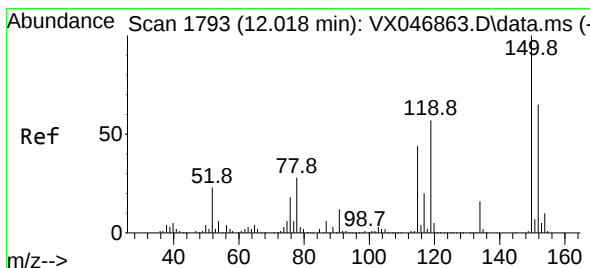
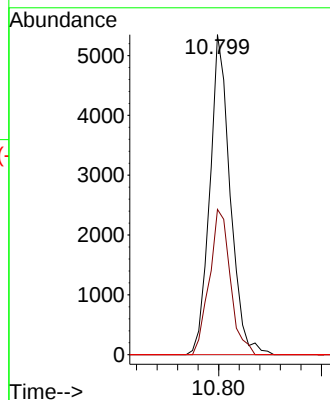
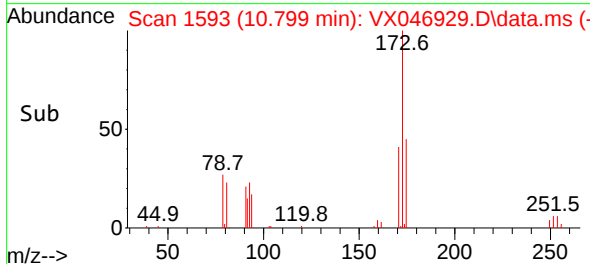
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



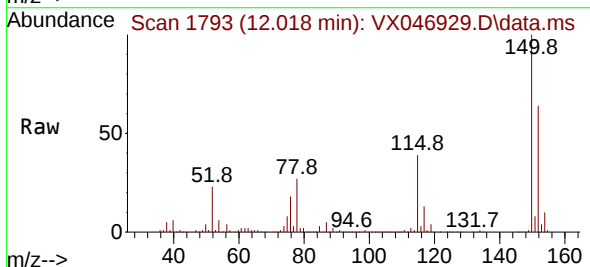
Tgt Ion:173 Resp: 734
Ion Ratio Lower Upper
173 100
175 46.8 23.8 71.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

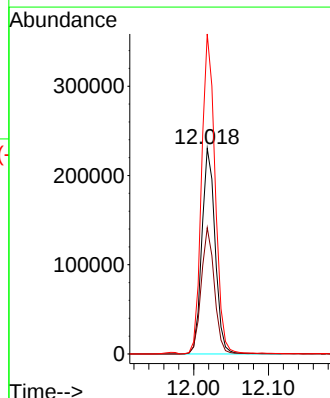
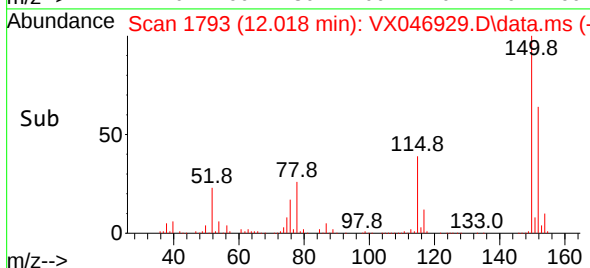
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

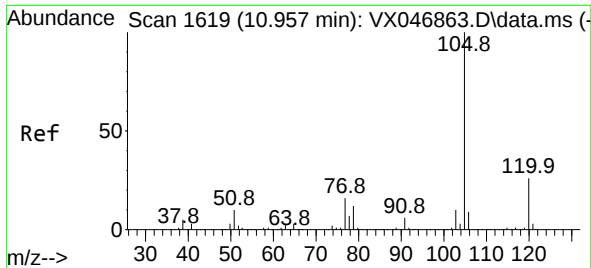


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06



Tgt Ion:152 Resp: 284050
Ion Ratio Lower Upper
152 100
115 61.1 42.4 127.1
150 159.3 0.0 349.2





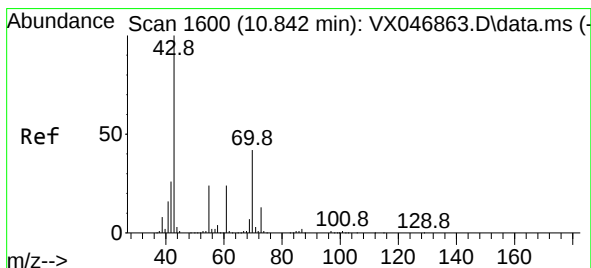
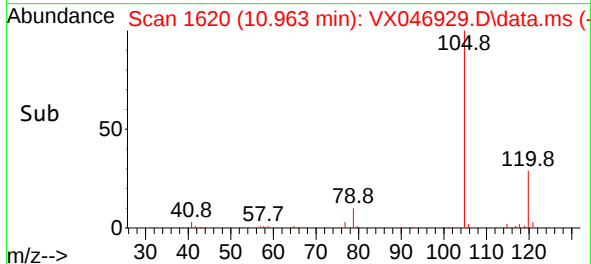
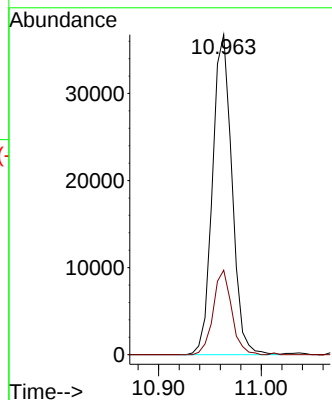
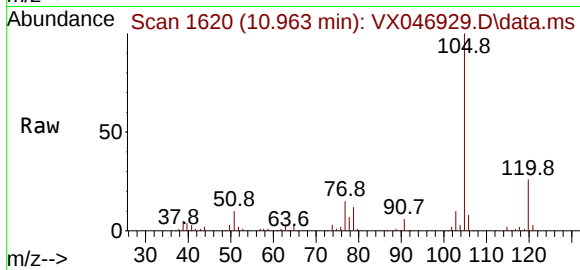
#73
Isopropylbenzene
Concen: 2.418 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 48290
Ion Ratio Lower Upper
105 100
120 25.0 13.2 39.5

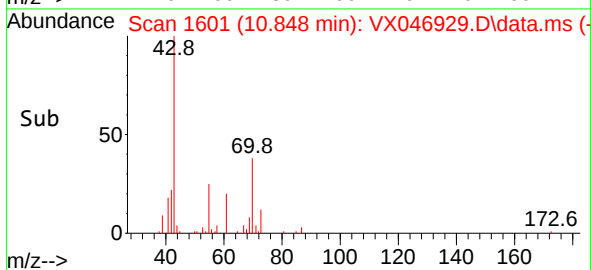
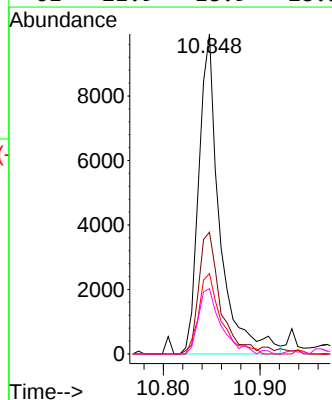
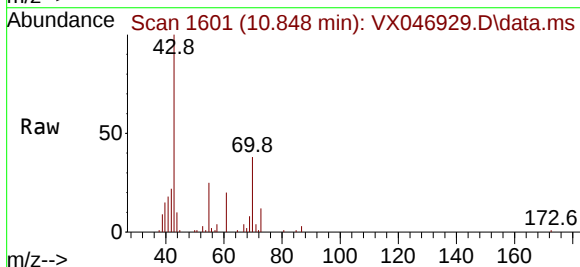
Manual Integrations
APPROVED

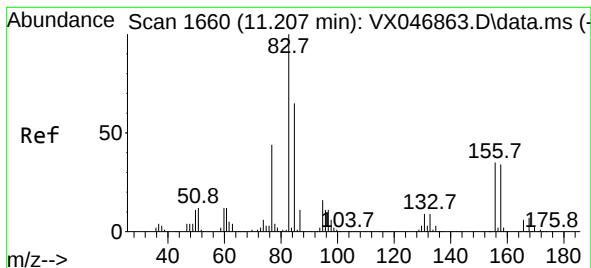
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#74
N-ethyl acetate
Concen: 2.199 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

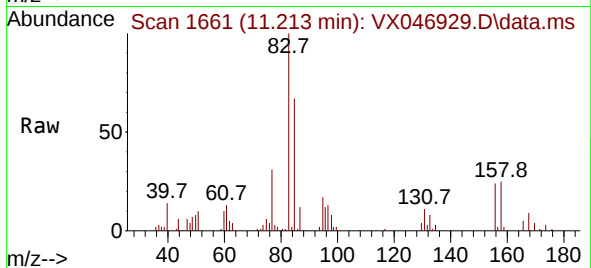
Tgt Ion: 43 Resp: 14922
Ion Ratio Lower Upper
43 100
70 38.9 33.4 50.2
55 26.8 19.6 29.4
61 21.9 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 2.509 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

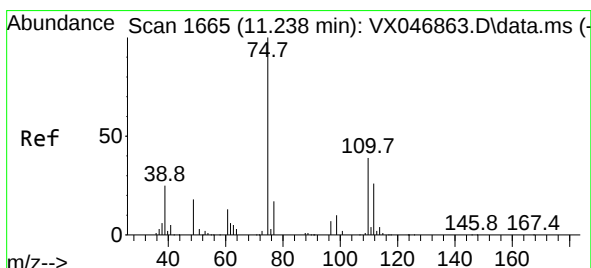
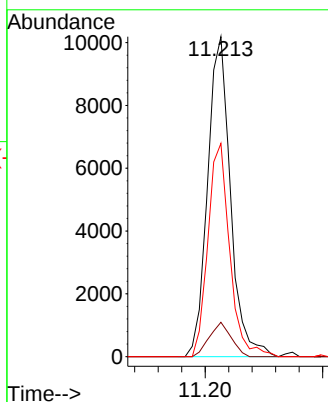
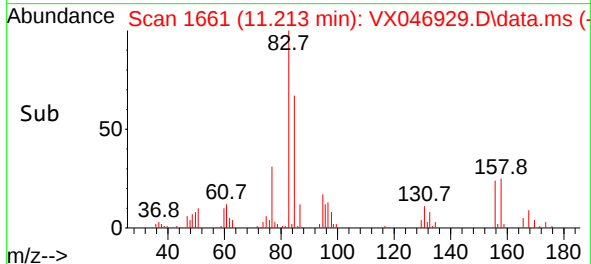
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



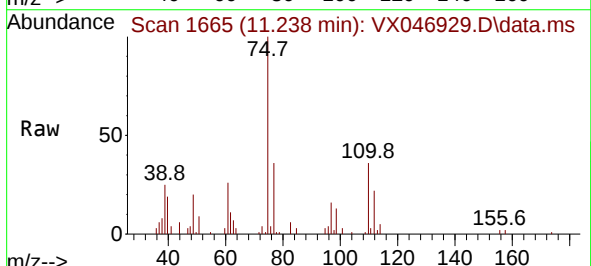
Tgt Ion: 83 Resp: 13774
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 63.5 32.1 96.5

Manual Integrations
APPROVED

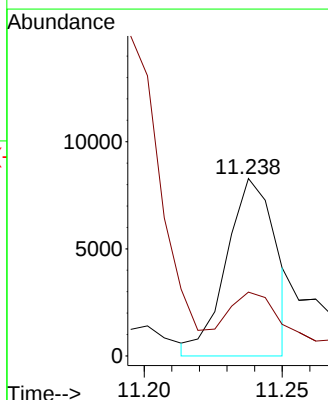
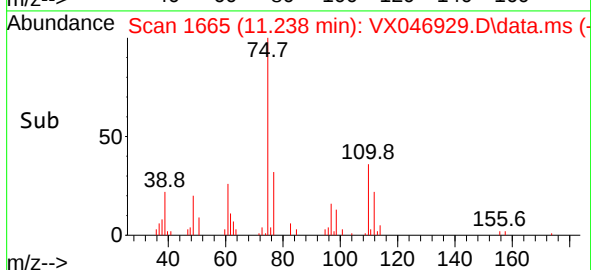
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

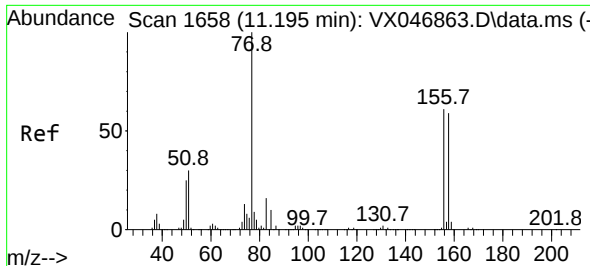


#76
1,2,3-Trichloropropane
Concen: 2.351 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06



Tgt Ion: 75 Resp: 10320
Ion Ratio Lower Upper
75 100
77 43.9 20.6 61.8





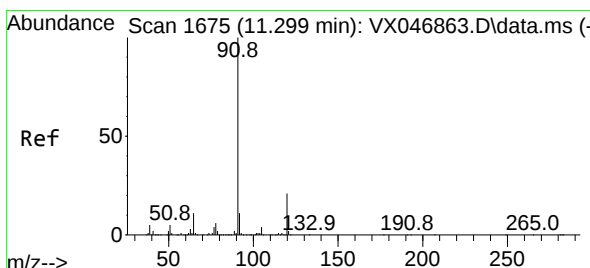
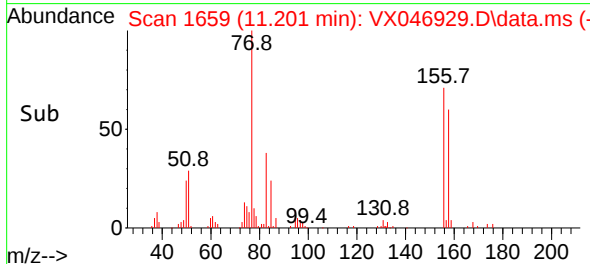
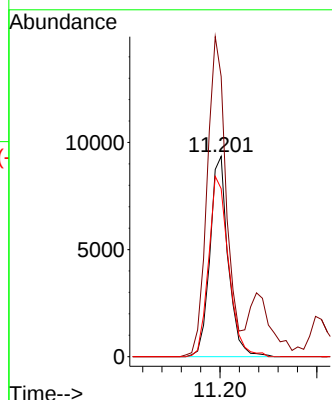
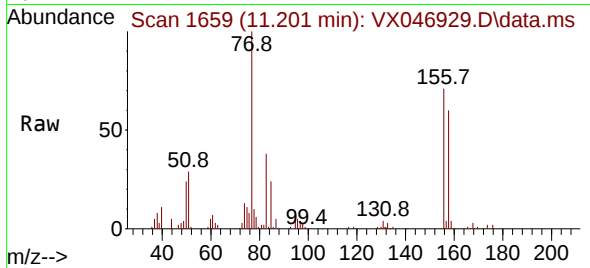
#77
Bromobenzene
Concen: 2.446 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:156 Resp: 1216
Ion Ratio Lower Upper
156 100
77 166.5 82.3 247.0
158 99.4 47.5 142.6

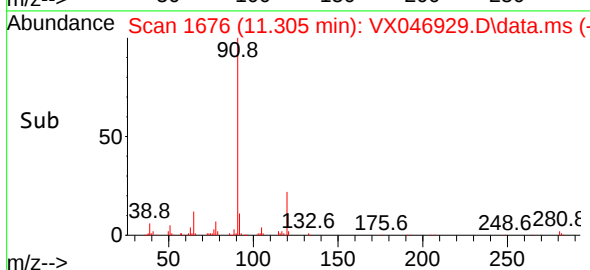
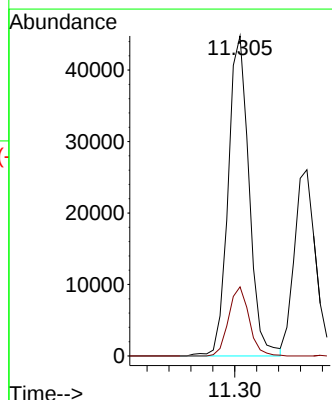
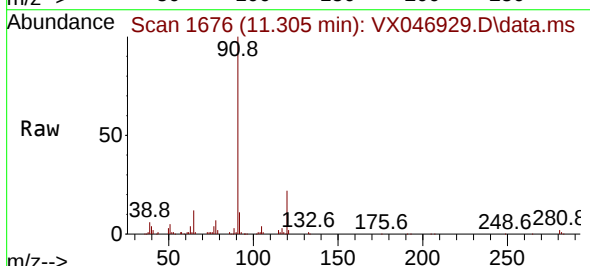
Manual Integrations
APPROVED

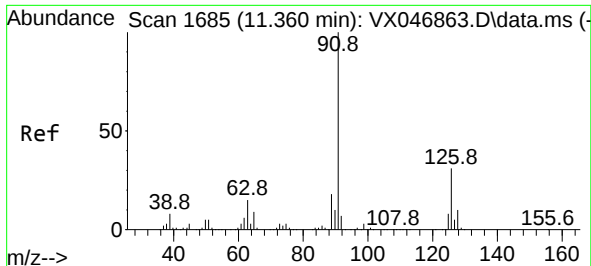
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#78
n-propylbenzene
Concen: 2.462 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

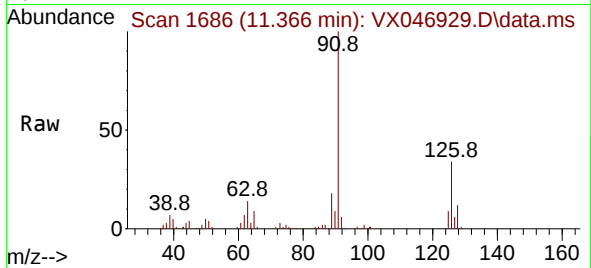
Tgt Ion: 91 Resp: 59274
Ion Ratio Lower Upper
91 100
120 21.2 11.2 33.5





#79
2-Chlorotoluene
Concen: 2.519 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

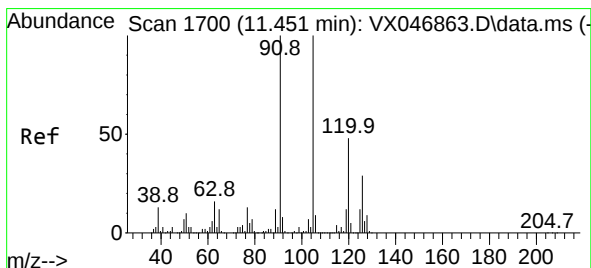
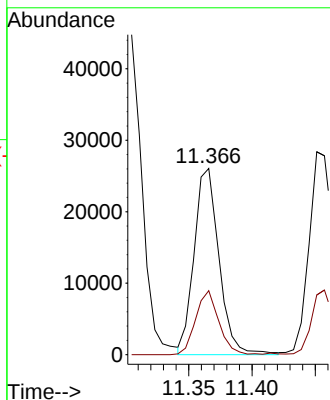
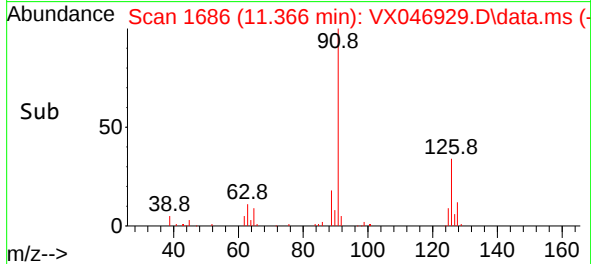
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 91 Resp: 3581
Ion Ratio Lower Upper
91 100
126 31.9 16.6 49.8

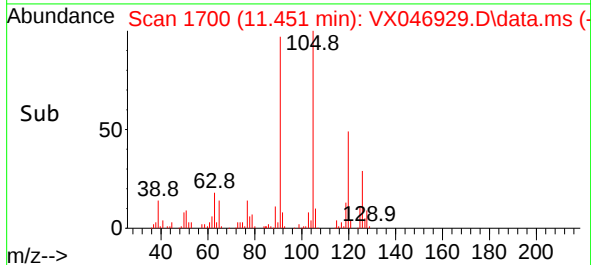
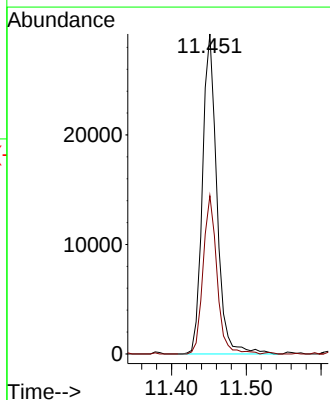
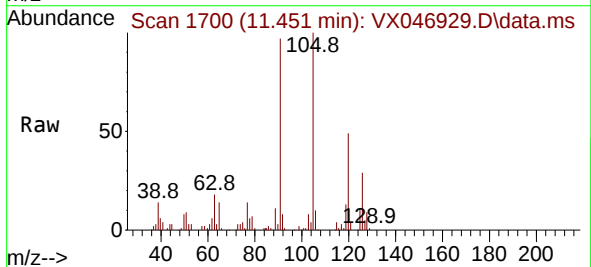
Manual Integrations
APPROVED

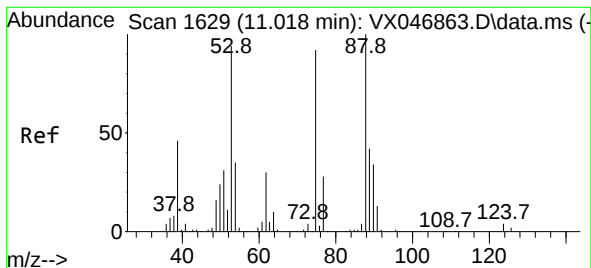
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.414 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:105 Resp: 39174
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.4





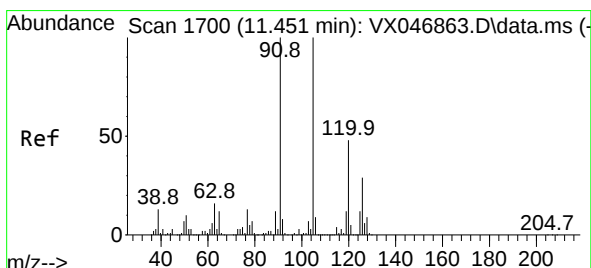
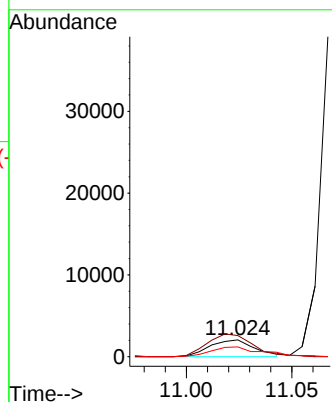
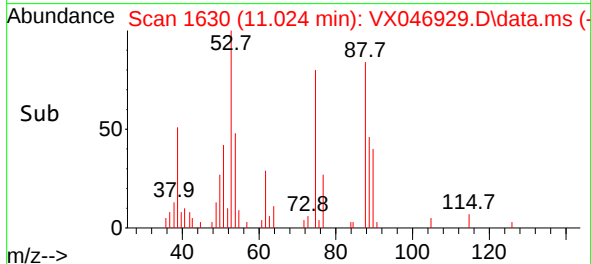
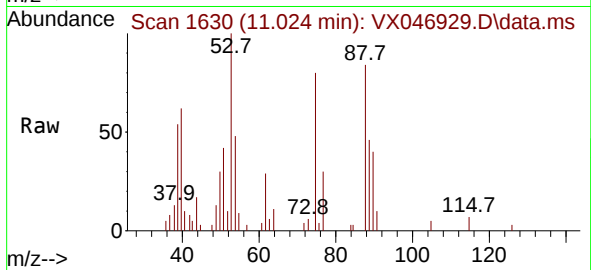
#81
trans-1,4-Dichloro-2-butene
Concen: 1.847 ug/l m
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5
89 0.0 38.2 57.2

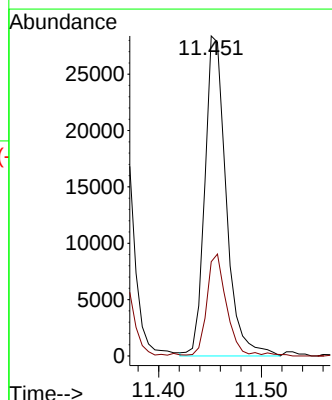
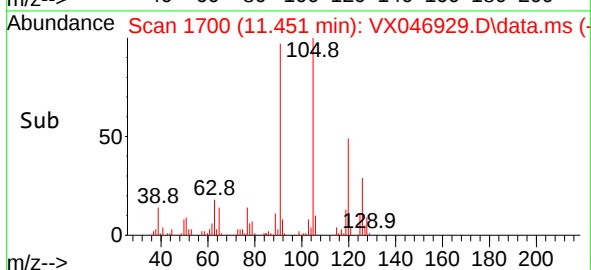
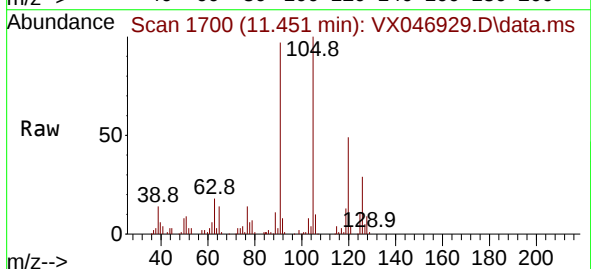
Manual Integrations
APPROVED

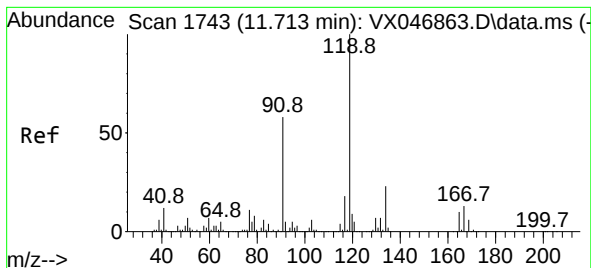
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#82
4-Chlorotoluene
Concen: 2.499 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 91 Resp: 40993
Ion Ratio Lower Upper
91 100
126 28.3 14.6 44.0





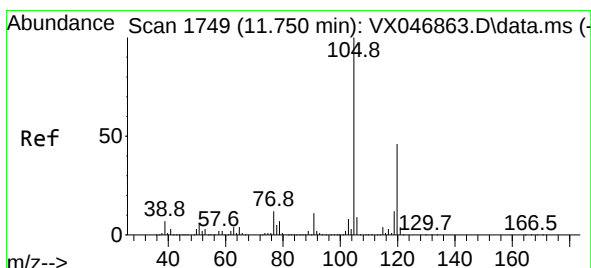
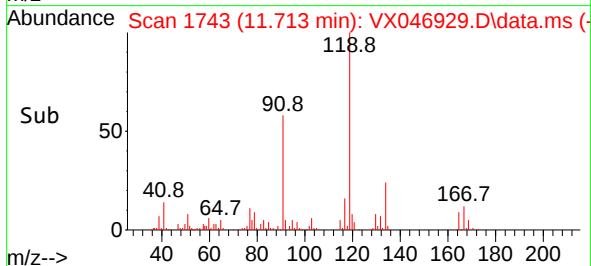
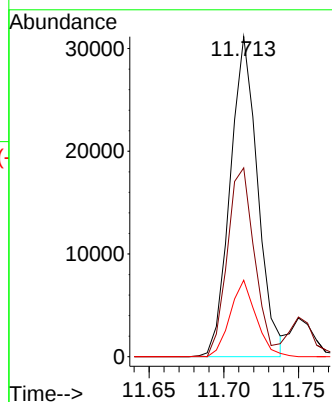
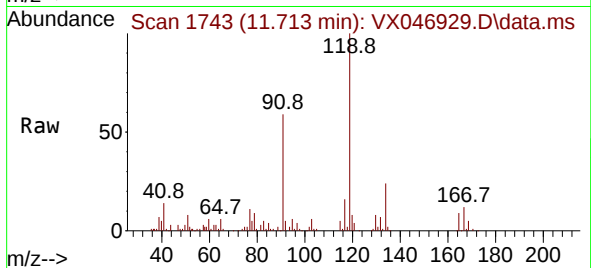
#83
tert-Butylbenzene
Concen: 2.378 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:119 Resp: 3985
Ion Ratio Lower Upper
119 100
91 59.2 28.7 86.3
134 22.5 11.4 34.2

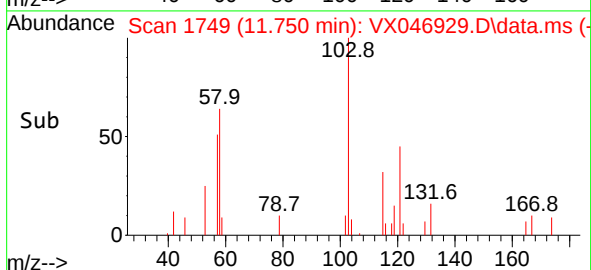
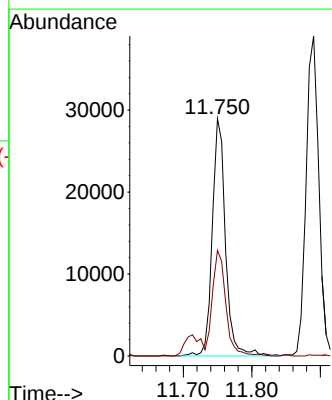
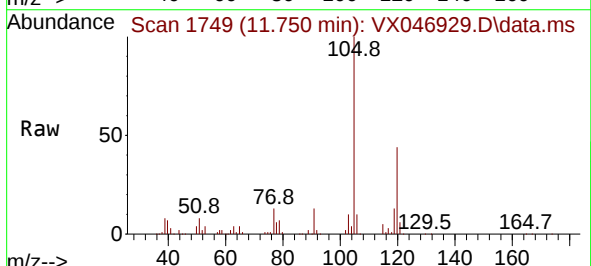
Manual Integrations
APPROVED

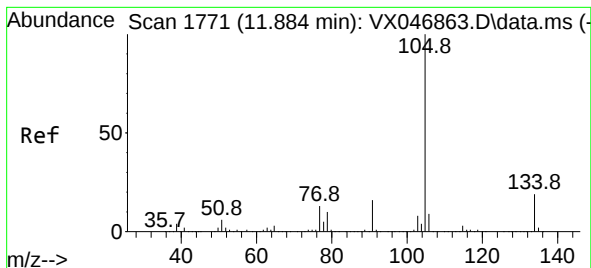
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.377 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

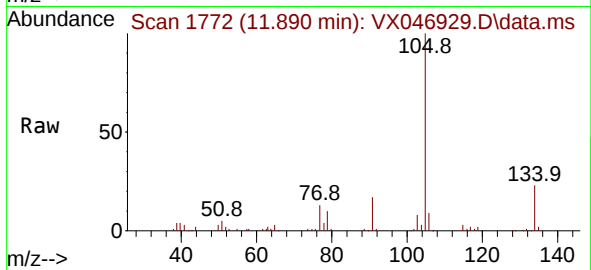
Tgt Ion:105 Resp: 38979
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 2.372 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046929.D
 Acq: 09 Jul 2025 14:06

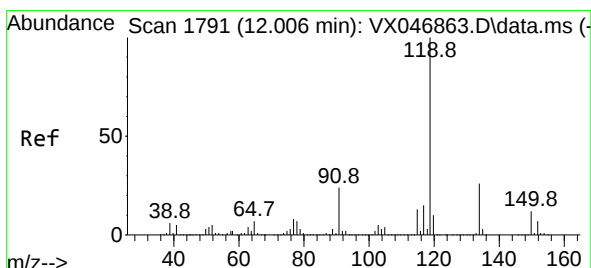
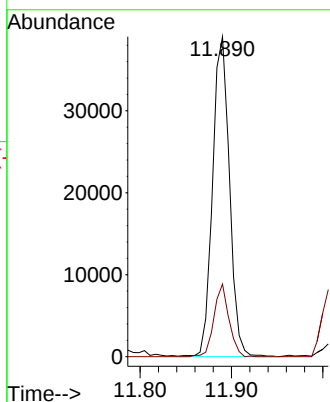
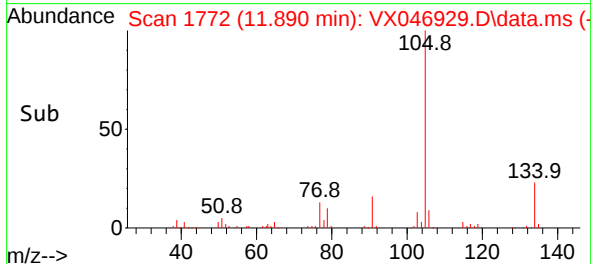
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



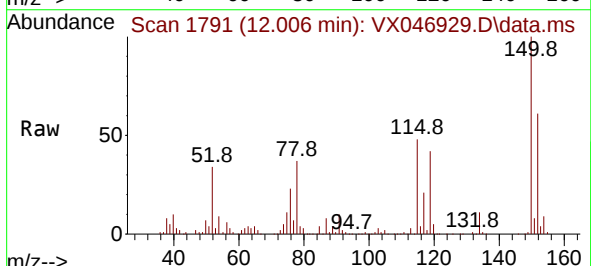
Tgt Ion:105 Resp: 50114
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
 APPROVED

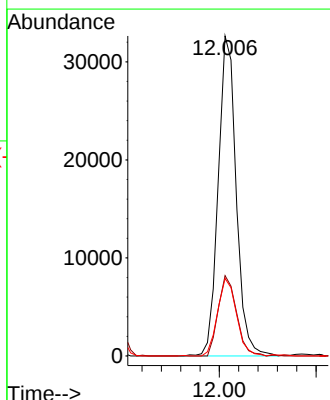
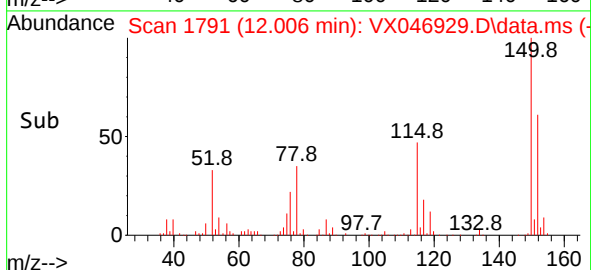
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025

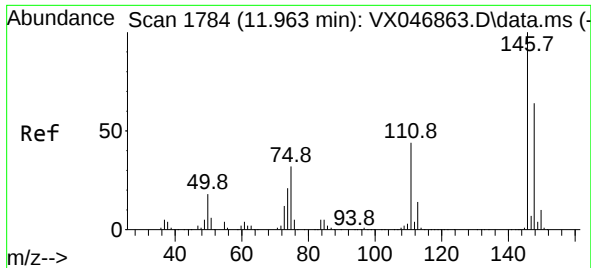


#86
 p-Isopropyltoluene
 Concen: 2.378 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046929.D
 Acq: 09 Jul 2025 14:06



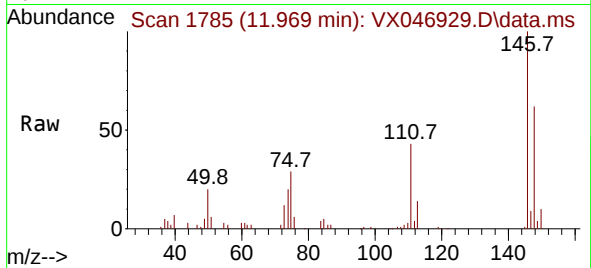
Tgt Ion:119 Resp: 42067
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.4 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 2.520 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

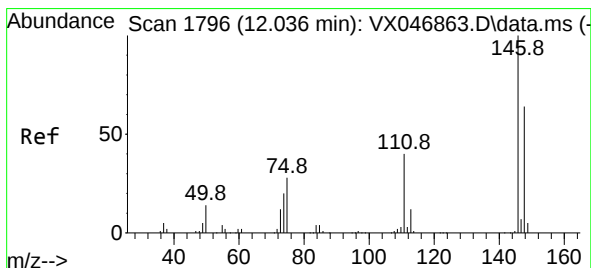
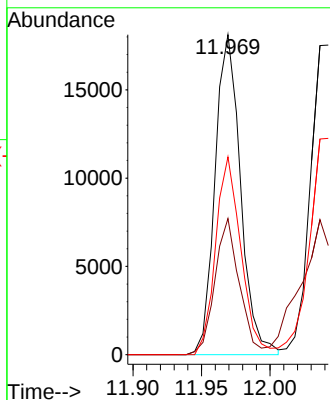
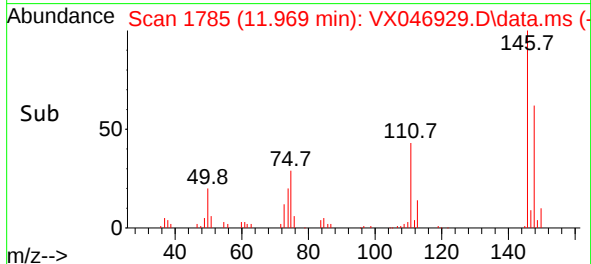
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



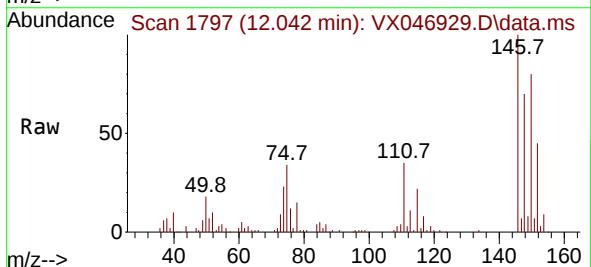
Tgt Ion:146 Resp: 23439
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.6
148 61.3 31.4 94.2

Manual Integrations
APPROVED

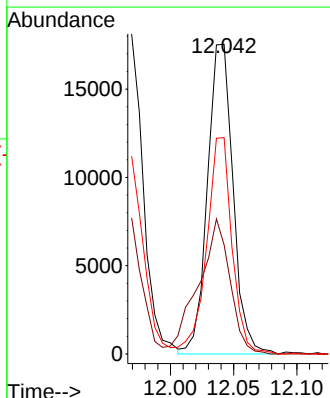
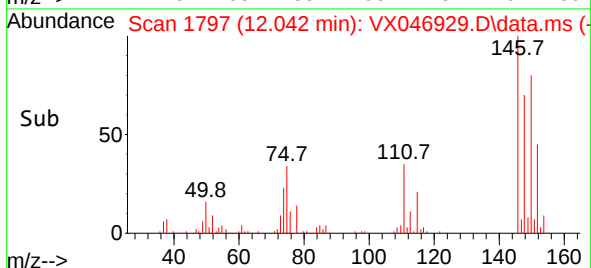
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

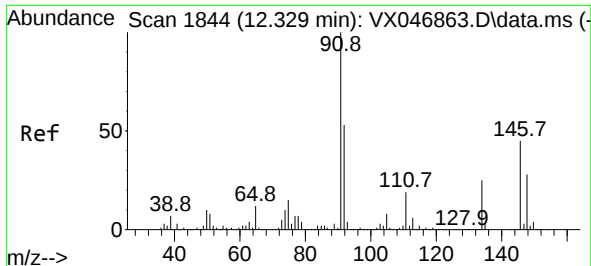


#88
1,4-Dichlorobenzene
Concen: 2.551 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06



Tgt Ion:146 Resp: 24693
Ion Ratio Lower Upper
146 100
111 54.1 20.2 60.5
148 69.6 32.4 97.0





#89

n-Butylbenzene

Concen: 2.225 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

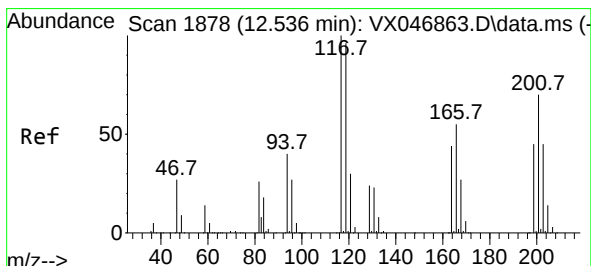
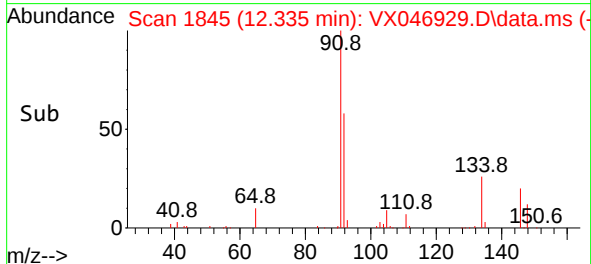
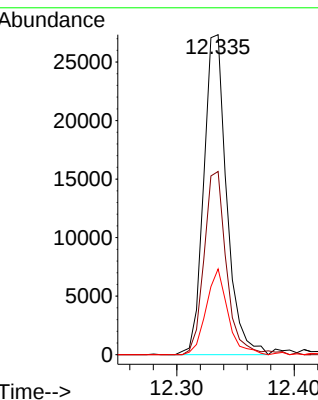
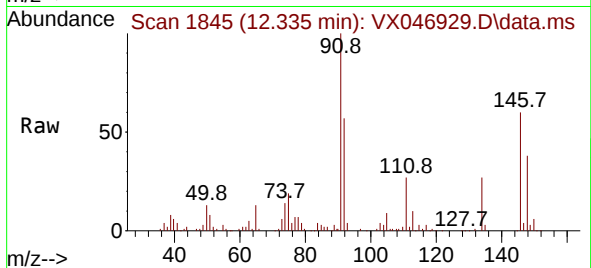
Tgt Ion:	91	Resp:	3698
Ion	Ratio	Lower	Upper
91	100		
92	56.3	27.0	81.0
134	25.4	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#90

Hexachloroethane

Concen: 2.319 ug/l

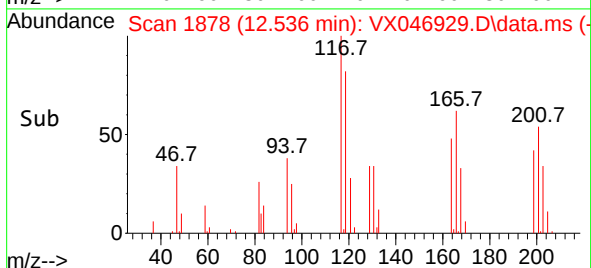
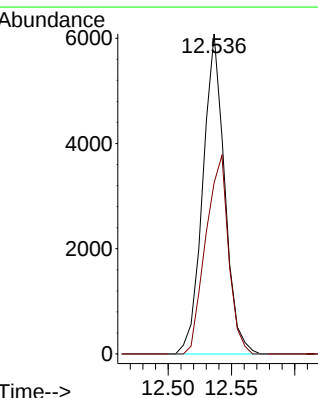
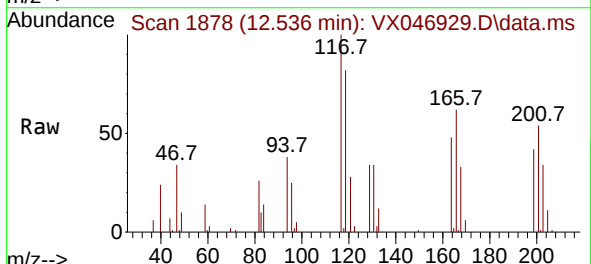
RT: 12.536 min Scan# 1878

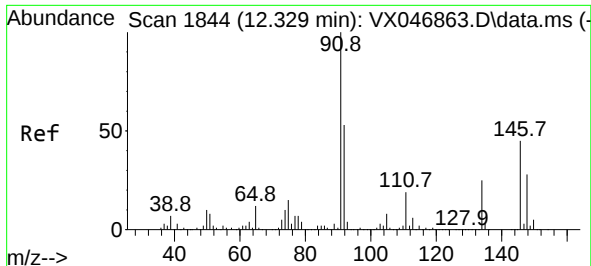
Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

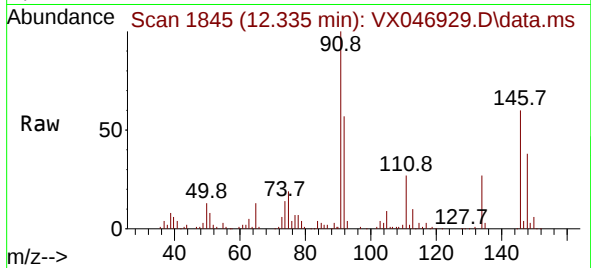
Tgt Ion:	117	Resp:	7273
Ion	Ratio	Lower	Upper
117	100		
201	65.0	35.8	107.4





#91
1,2-Dichlorobenzene
Concen: 2.409 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

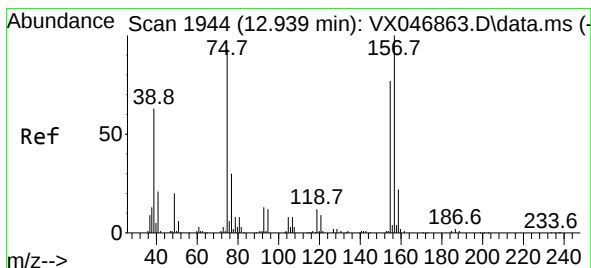
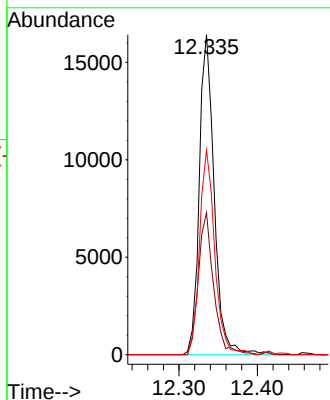
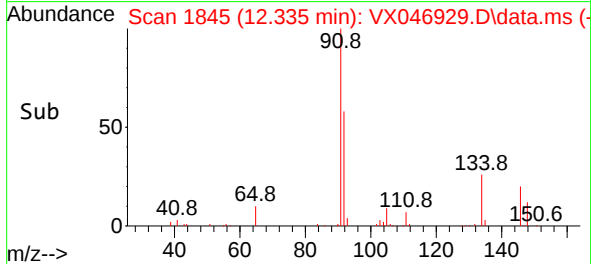
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:146 Resp: 21718
Ion Ratio Lower Upper
146 100
111 45.2 21.1 63.1
148 64.9 31.6 95.0

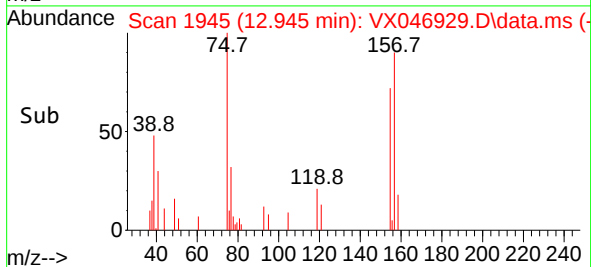
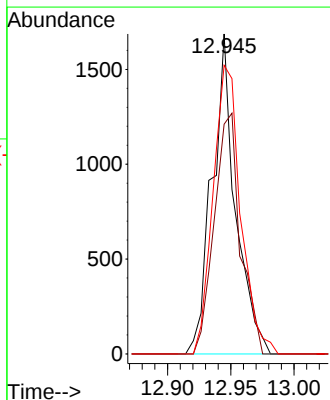
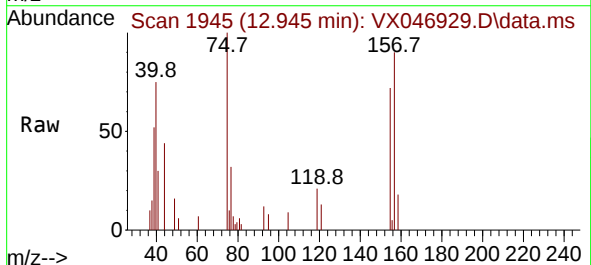
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.254 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion: 75 Resp: 2165
Ion Ratio Lower Upper
75 100
155 84.4 43.1 129.4
157 106.3 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 2.306 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

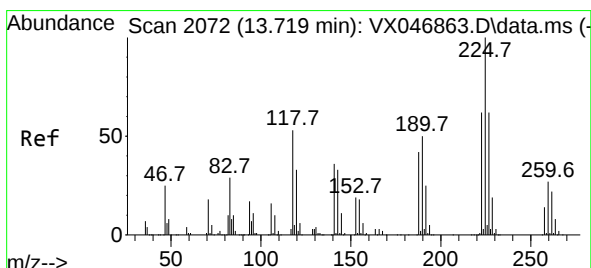
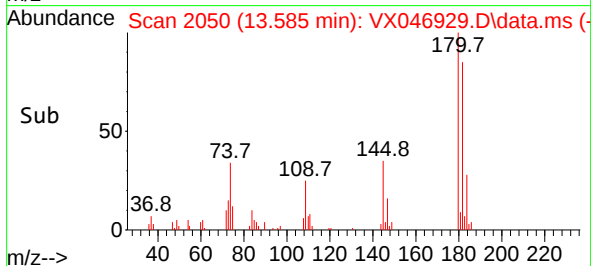
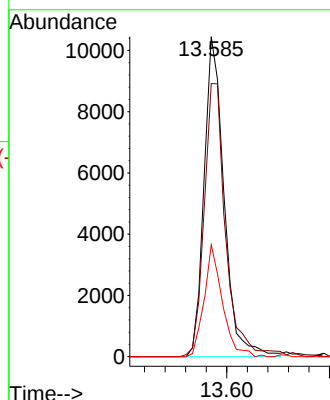
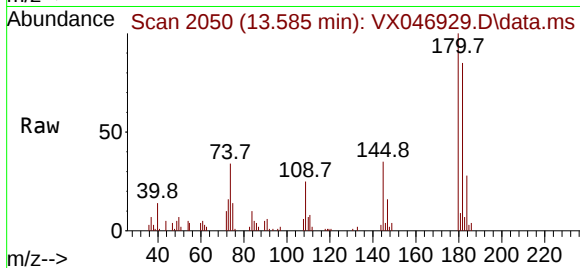
Tgt Ion:180	Resp:	14120
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.3 141.9
145	32.0	16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#94

Hexachlorobutadiene

Concen: 2.521 ug/l

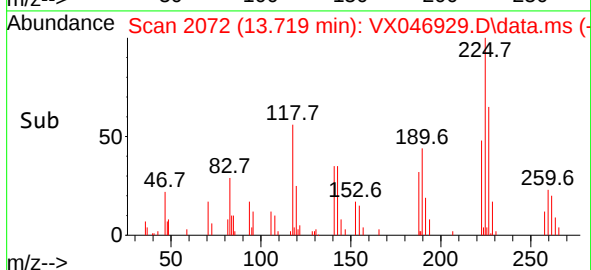
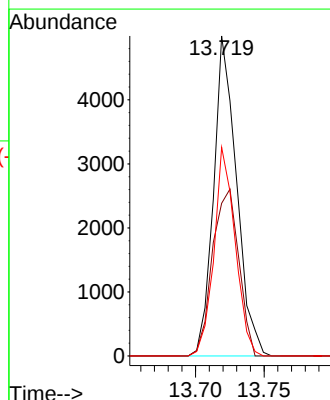
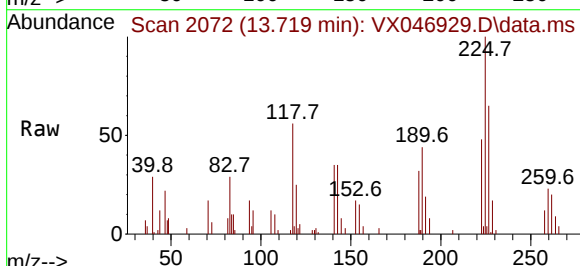
RT: 13.719 min Scan# 2072

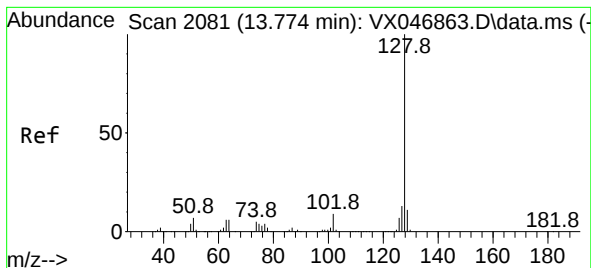
Delta R.T. -0.000 min

Lab File: VX046929.D

Acq: 09 Jul 2025 14:06

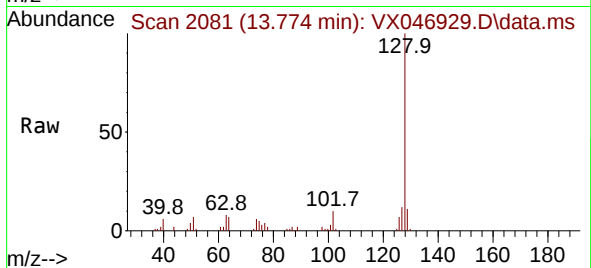
Tgt Ion:225	Resp:	5823
Ion Ratio	Lower	Upper
225	100	
223	59.6	31.6 94.7
227	60.2	31.6 94.7





#95
Naphthalene
Concen: 2.179 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

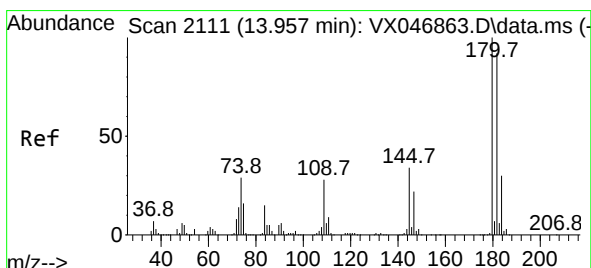
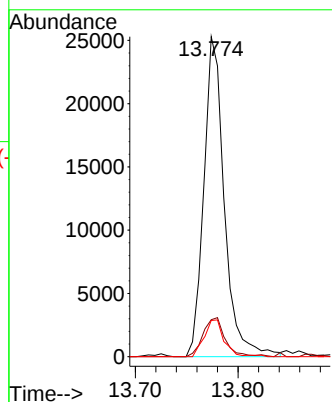
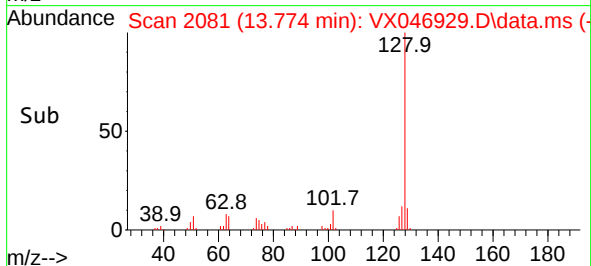
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:128 Resp: 3515
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.338 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046929.D
Acq: 09 Jul 2025 14:06

Tgt Ion:180 Resp: 13530
Ion Ratio Lower Upper
180 100
182 91.6 46.7 140.1
145 34.7 16.8 50.3

