

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046385.D
 Acq On : 28 May 2025 15:24
 Operator : JC/MD
 Sample : Q2126-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: May 29 03:38:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	146305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82510	52.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	5.379	113	56282	53.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.647	98	181339	49.730	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	67809	48.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	564	0.441	ug/l	97
3) Chloromethane	1.307	50	647	0.522	ug/l #	74
4) Vinyl Chloride	1.374	62	479	0.415	ug/l #	84
5) Bromomethane	1.599	94	412	0.770	ug/l	92
6) Chloroethane	1.679	64	328	0.532	ug/l #	83
7) Trichlorofluoromethane	1.880	101	950	0.557	ug/l	92
8) Diethyl Ether	2.130	74	263	0.453	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.319	101	602	0.570	ug/l #	92
10) Methyl Iodide	2.441	142	485	0.388	ug/l #	88
11) Tert butyl alcohol	2.965	59	492	2.251	ug/l #	72
12) 1,1-Dichloroethene	2.313	96	527	0.532	ug/l	86
13) Acrolein	2.233	56	314	1.261	ug/l	98
14) Allyl chloride	2.654	41	957	0.506	ug/l #	86
15) Acrylonitrile	3.069	53	1554	2.486	ug/l	90
16) Acetone	2.386	43	2745	4.396	ug/l	92
17) Carbon Disulfide	2.508	76	991	0.422	ug/l #	86
18) Methyl Acetate	2.709	43	1075	0.742	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	1567	0.451	ug/l	97
20) Methylene Chloride	2.782	84	843	0.705	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	575	0.577	ug/l	93
22) Diisopropyl ether	3.764	45	1691	0.462	ug/l #	56
23) Vinyl Acetate	3.733	43	7199	2.239	ug/l	95
24) 1,1-Dichloroethane	3.599	63	1037	0.509	ug/l #	82
25) 2-Butanone	4.587	43	2426	2.676	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	780	0.489	ug/l #	55
27) cis-1,2-Dichloroethene	4.501	96	513	0.428	ug/l #	1
28) Bromochloromethane	4.898	49	440	0.449	ug/l #	90
29) Tetrahydrofuran	5.007	42	1598m	2.813	ug/l	
30) Chloroform	5.080	83	1116	0.526	ug/l #	73
31) Cyclohexane	5.465	56	833	0.449	ug/l #	72
32) 1,1,1-Trichloroethane	5.379	97	982	0.534	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	707	0.499	ug/l #	62
37) Ethyl Acetate	4.751	43	1080m	0.618	ug/l	
38) Carbon Tetrachloride	5.666	117	953	0.599	ug/l #	68
39) Methylcyclohexane	7.373	83	920	0.505	ug/l #	86
40) Benzene	6.031	78	2053	0.495	ug/l	97

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45	0.049	ug/l #	25
42) 1,2-Dichloroethane	6.099	62	1056	0.590	ug/l #	78
43) Isopropyl Acetate	6.367	43	1194m	0.448	ug/l	
44) Trichloroethene	7.129	130	436	0.437	ug/l	67
45) 1,2-Dichloropropane	7.434	63	522	0.506	ug/l #	45
46) Dibromomethane	7.580	93	365	0.449	ug/l	88
47) Bromodichloromethane	7.824	83	758	0.473	ug/l #	83
48) Methyl methacrylate	7.720	41	582	0.427	ug/l #	77
49) 1,4-Dioxane	7.671	88	238	9.199	ug/l #	68
51) 4-Methyl-2-Pentanone	8.574	43	3987	2.251	ug/l	100
52) Toluene	8.720	92	1374	0.540	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	540	0.379	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	799	0.508	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	533	0.532	ug/l #	86
56) Ethyl methacrylate	9.129	69	556	0.348	ug/l #	76
57) 1,3-Dichloropropane	9.317	76	913	0.507	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.257	63	1802	2.212	ug/l	92
59) 2-Hexanone	9.446	43	2750	2.099	ug/l	97
60) Dibromochloromethane	9.519	129	510	0.463	ug/l	92
61) 1,2-Dibromoethane	9.616	107	501	0.481	ug/l	91
64) Tetrachloroethene	9.269	164	469	0.516	ug/l	94
65) Chlorobenzene	10.073	112	1489	0.530	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	444	0.463	ug/l #	64
67) Ethyl Benzene	10.195	91	2415	0.488	ug/l #	86
68) m/p-Xylenes	10.305	106	1536	0.848	ug/l	84
69) o-Xylene	10.640	106	852	0.482	ug/l	96
70) Styrene	10.665	104	1160	0.401	ug/l #	87
71) Bromoform	10.799	173	316	0.439	ug/l #	90
73) Isopropylbenzene	10.964	105	1950	0.440	ug/l	88
74) N-amyl acetate	10.860	43	931	0.425	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.213	83	873	0.562	ug/l #	92
76) 1,2,3-Trichloropropane	11.244	75	845m	0.616	ug/l	
77) Bromobenzene	11.201	156	498	0.484	ug/l	84
78) n-propylbenzene	11.305	91	2256	0.438	ug/l	96
79) 2-Chlorotoluene	11.366	91	1805	0.543	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1553	0.419	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.018	75	120m	0.285	ug/l	
82) 4-Chlorotoluene	11.457	91	1679	0.455	ug/l	88
83) tert-Butylbenzene	11.713	119	1629	0.437	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1647	0.439	ug/l	91
85) sec-Butylbenzene	11.890	105	2086	0.455	ug/l	97
86) p-Isopropyltoluene	12.006	119	1581	0.418	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	995	0.530	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	1188m	0.619	ug/l	
89) n-Butylbenzene	12.335	91	1289	0.389	ug/l	94
90) Hexachloroethane	12.530	117	331	0.497	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	956	0.507	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	12.945	75	123	0.357	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.591	180	381	0.352	ug/l	90
94) Hexachlorobutadiene	13.725	225	251	0.531	ug/l	82
95) Naphthalene	13.780	128	1540	0.388	ug/l #	80
96) 1,2,3-Trichlorobenzene	13.969	180	508	0.455	ug/l	89

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QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

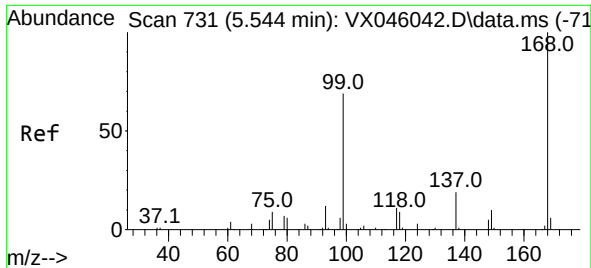
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/29/2025

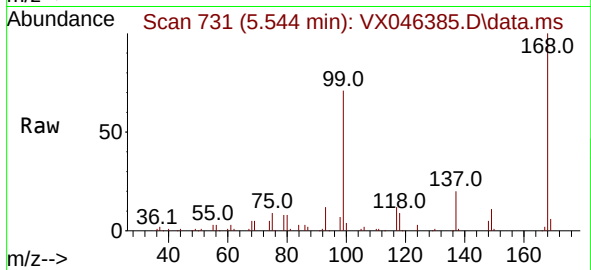
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046385.D
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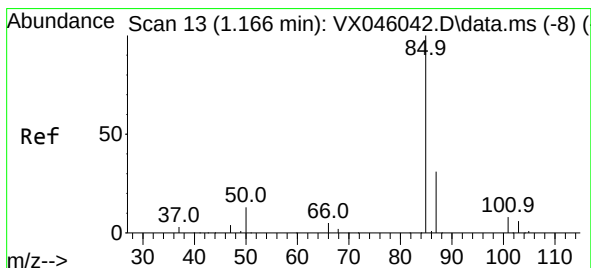
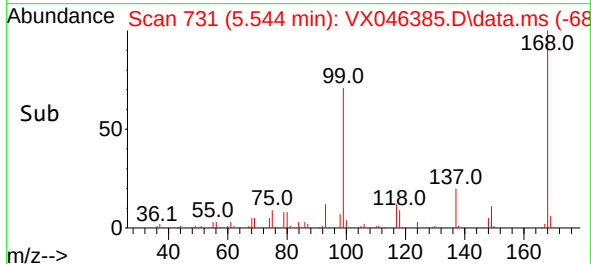
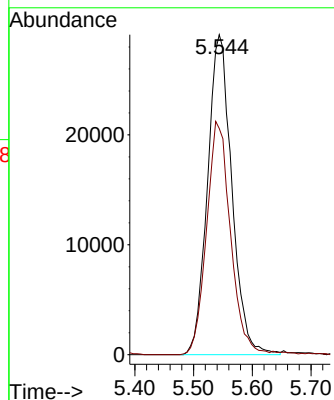
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 83529
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3

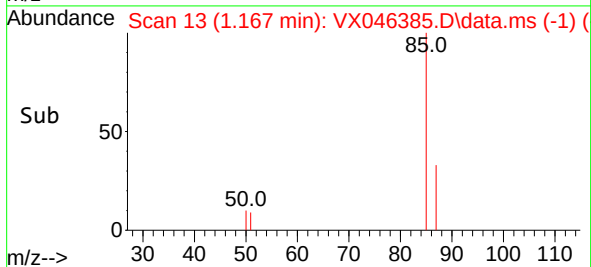
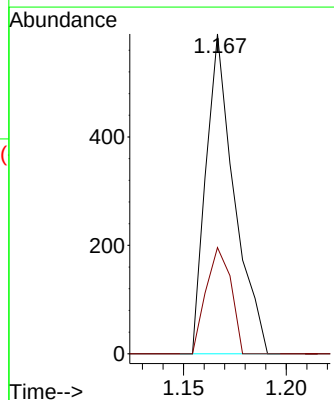
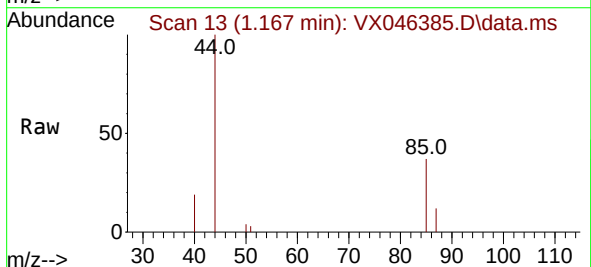
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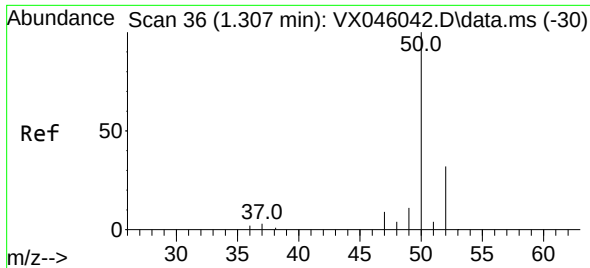
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 0.441 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion: 85 Resp: 564
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1





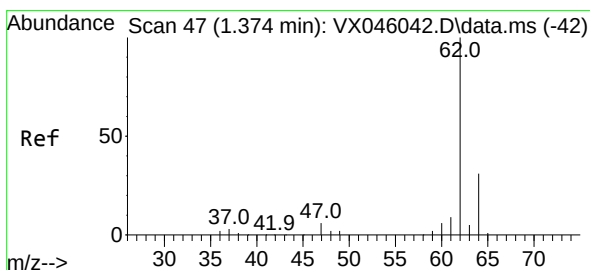
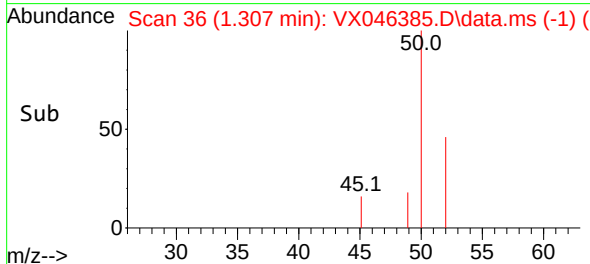
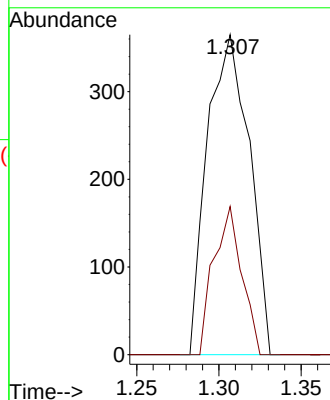
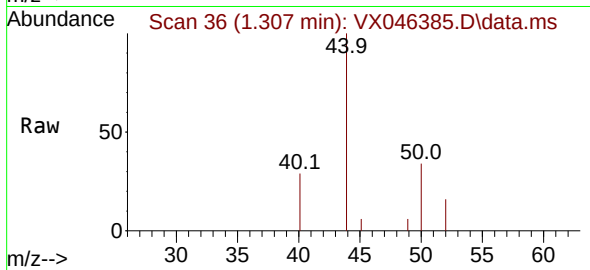
#3
Chloromethane
Concen: 0.522 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

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MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 46.3 25.4 38.2

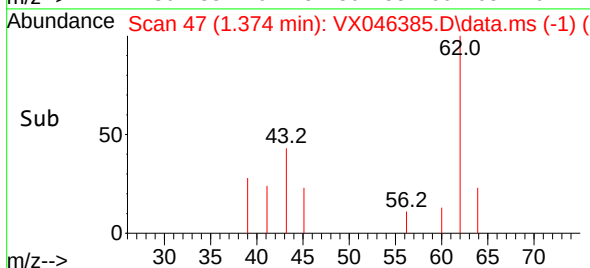
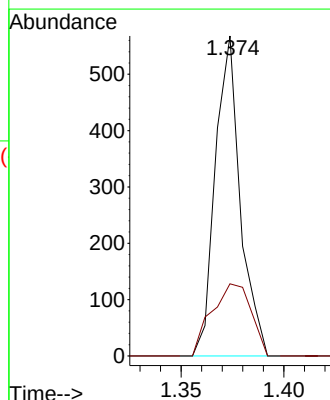
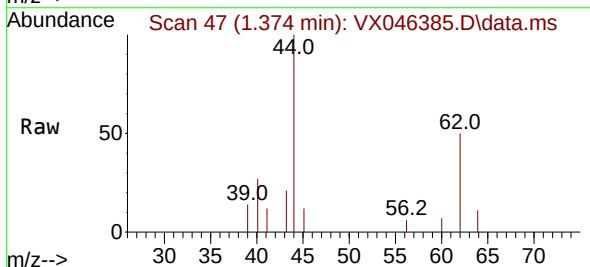
Manual Integrations
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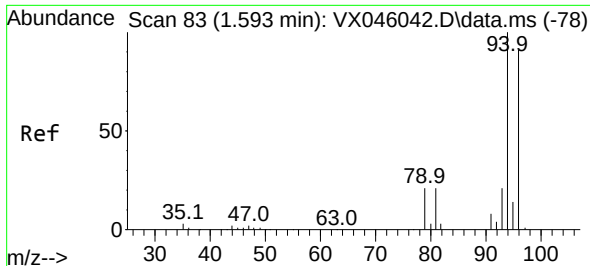
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 0.415 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

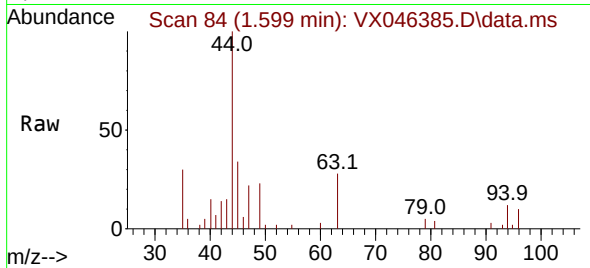
Tgt Ion: 62 Resp: 479
Ion Ratio Lower Upper
62 100
64 22.5 25.2 37.8





#5
Bromomethane
Concen: 0.770 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

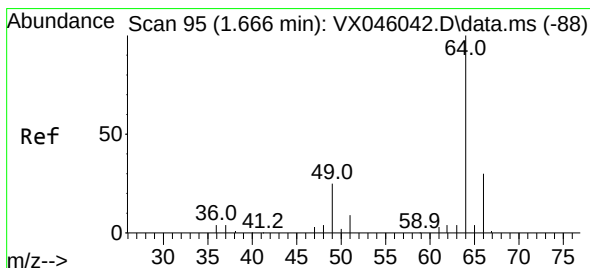
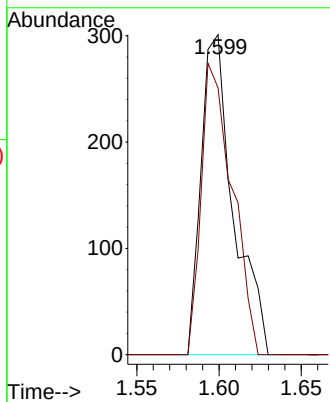
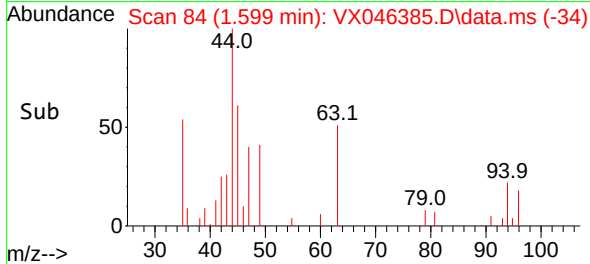
Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 83.4 72.8 109.2

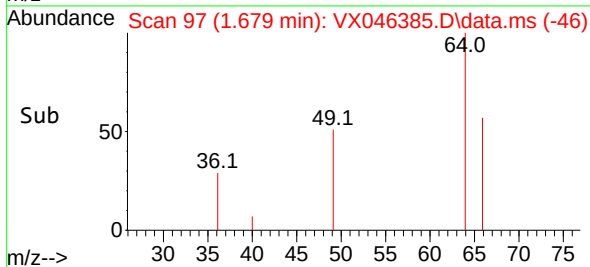
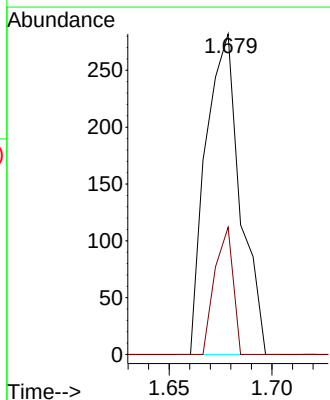
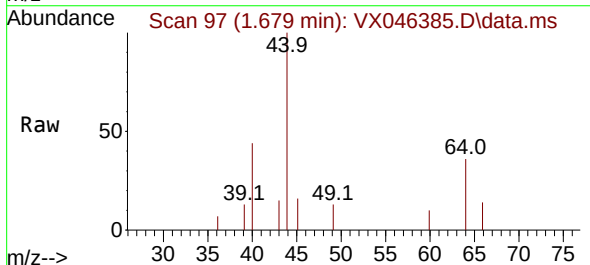
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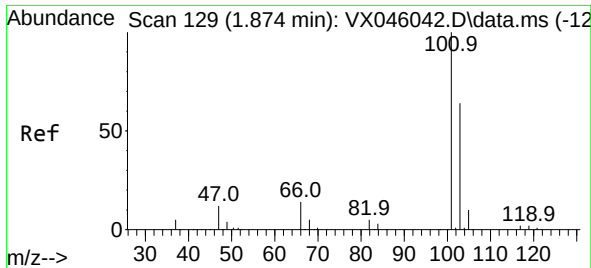
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#6
Chloroethane
Concen: 0.532 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

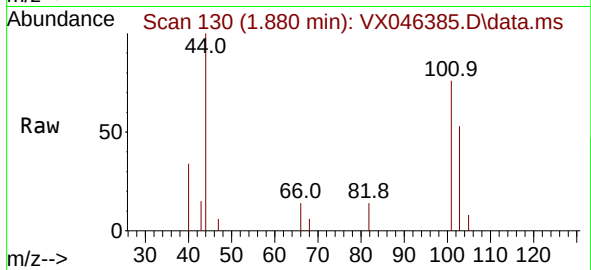
Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 39.7 24.3 36.5#





#7
 Trichlorofluoromethane
 Concen: 0.557 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24

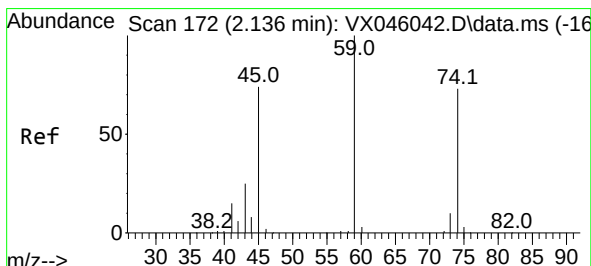
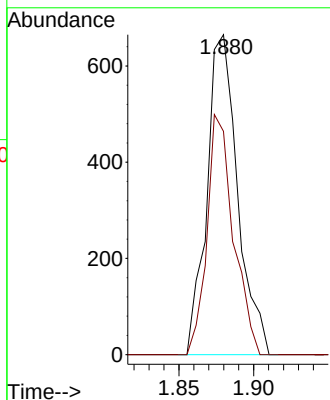
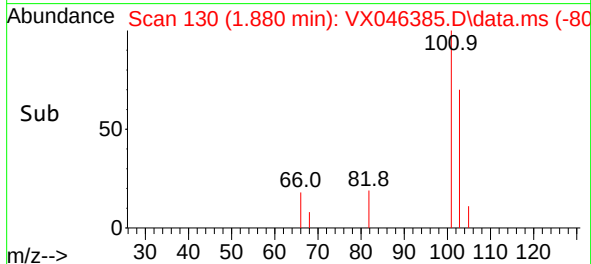
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



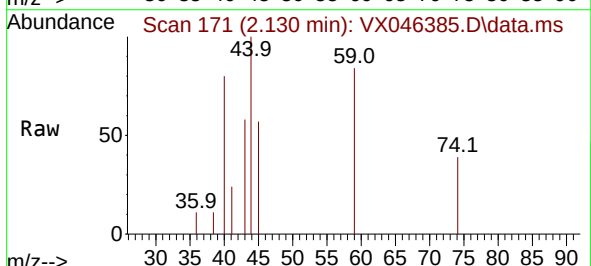
Tgt Ion:101 Resp: 950
 Ion Ratio Lower Upper
 101 100
 103 69.8 51.0 76.4

Manual Integrations
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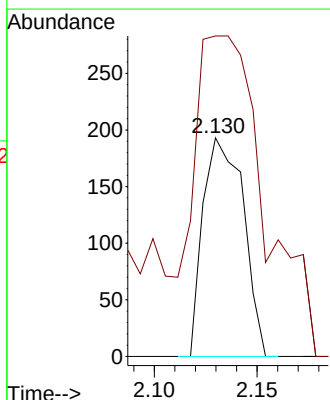
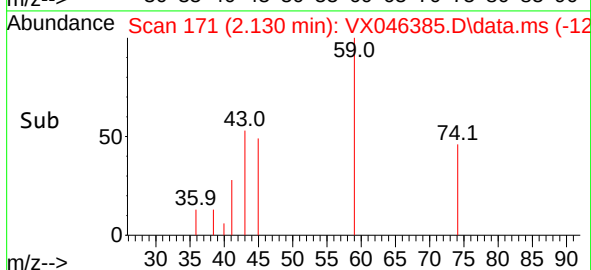
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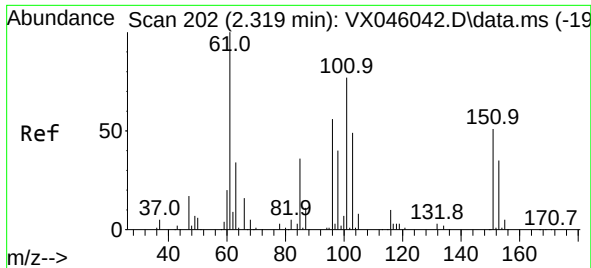


#8
 Diethyl Ether
 Concen: 0.453 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24



Tgt Ion: 74 Resp: 263
 Ion Ratio Lower Upper
 74 100
 45 252.1 54.9 164.8#





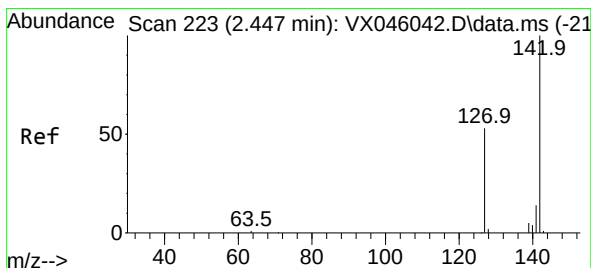
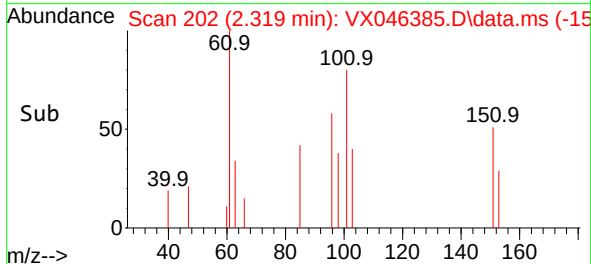
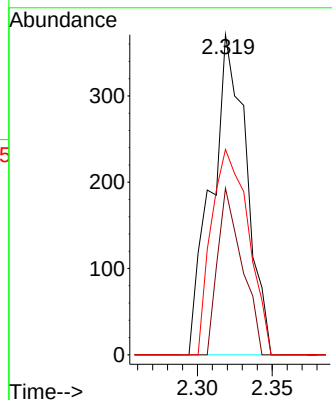
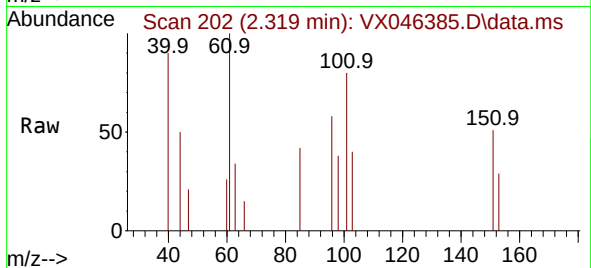
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.570 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:101 Resp: 602
Ion Ratio Lower Upper
101 100
85 36.5 38.6 58.0
151 68.1 55.2 82.8

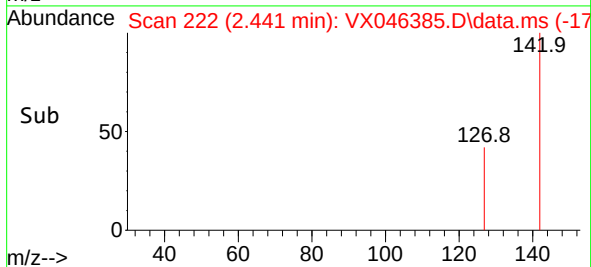
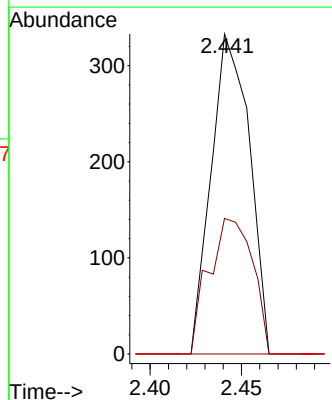
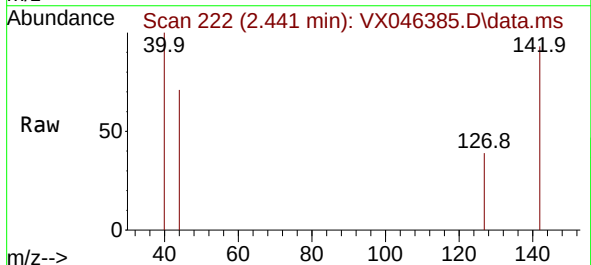
Manual Integrations
APPROVED

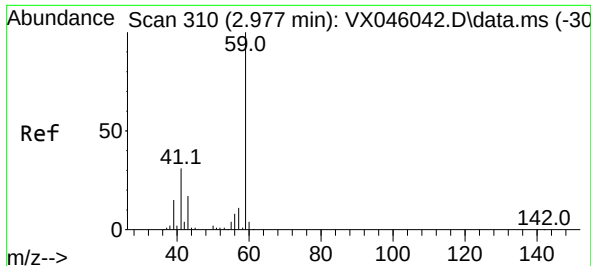
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 0.388 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:142 Resp: 485
Ion Ratio Lower Upper
142 100
127 48.5 41.7 62.5
141 0.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 2.251 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

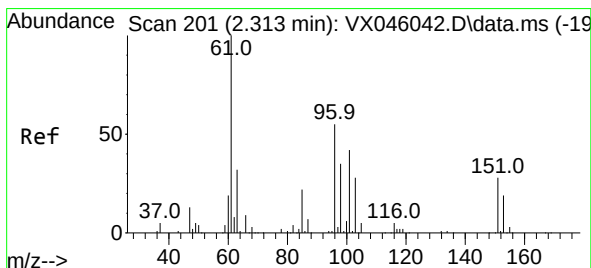
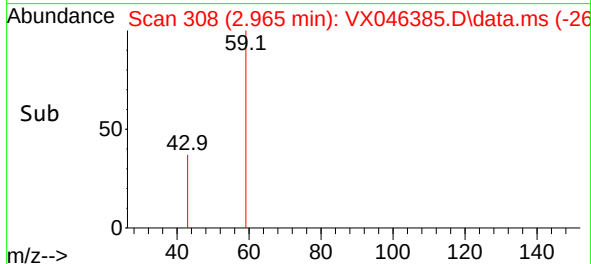
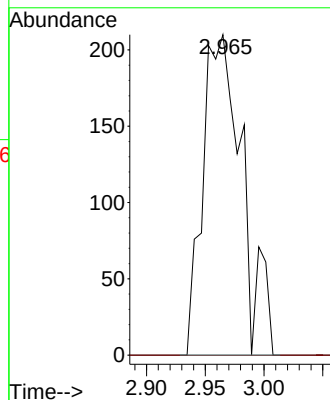
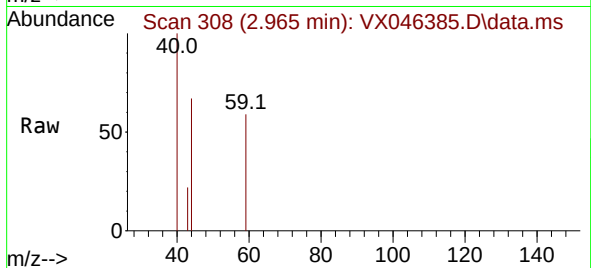
Tgt Ion: 59 Resp: 492
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#12

1,1-Dichloroethene

Concen: 0.532 ug/l

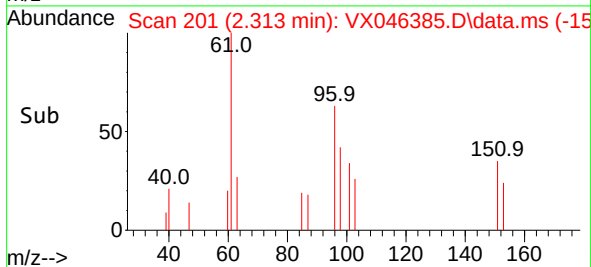
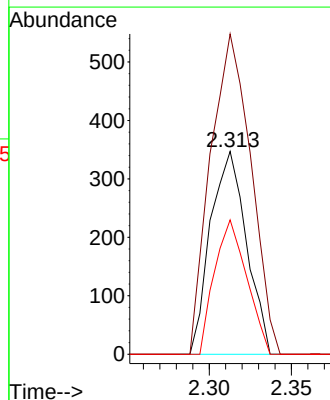
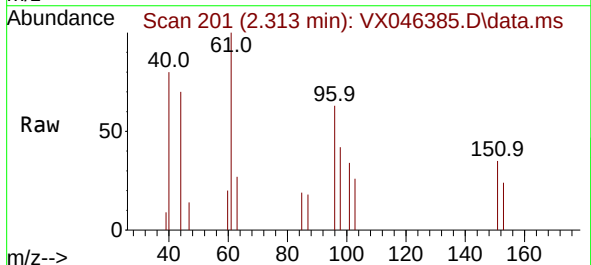
RT: 2.313 min Scan# 201

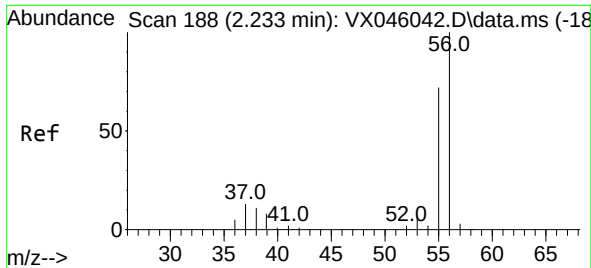
Delta R.T. 0.000 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

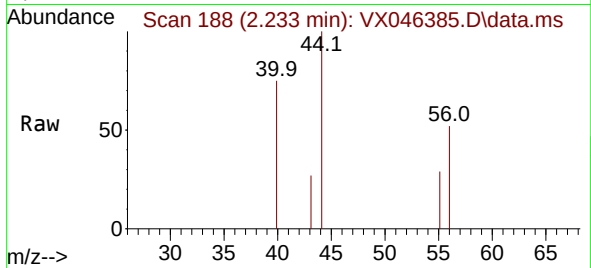
Tgt Ion: 96 Resp: 527
 Ion Ratio Lower Upper
 96 100
 61 157.9 146.2 219.2
 98 66.3 51.0 76.6





#13
Acrolein
Concen: 1.261 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

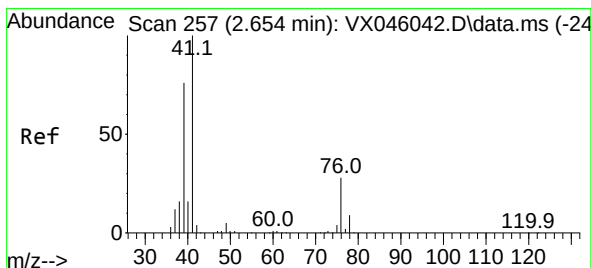
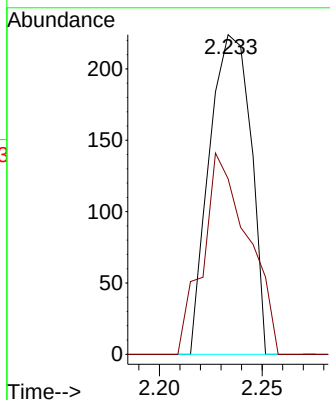
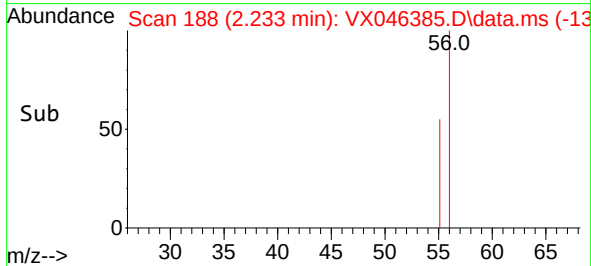
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



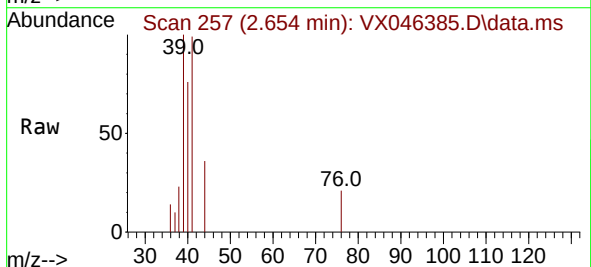
Tgt Ion: 56 Resp: 314
Ion Ratio Lower Upper
56 100
55 68.5 56.2 84.4

Manual Integrations
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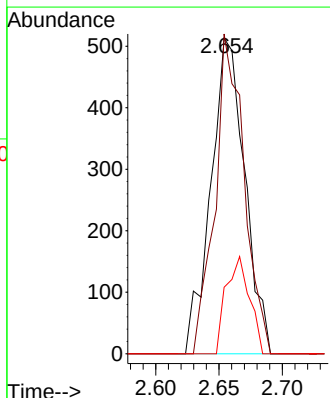
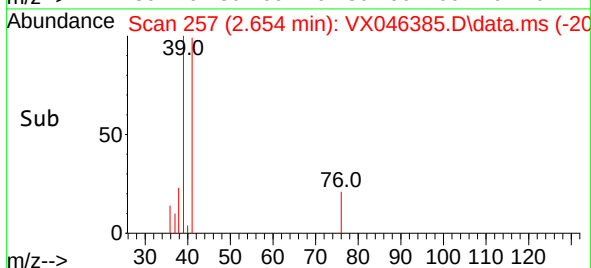
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

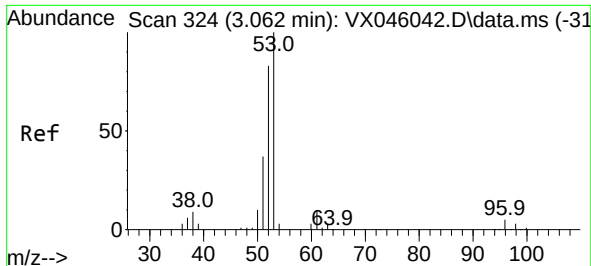


#14
Allyl chloride
Concen: 0.506 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



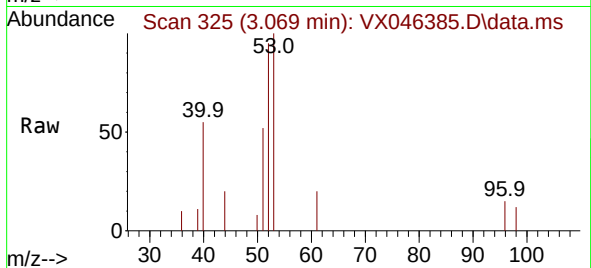
Tgt Ion: 41 Resp: 957
Ion Ratio Lower Upper
41 100
39 86.8 60.6 90.8
76 21.2 24.9 37.3





#15
Acrylonitrile
Concen: 2.486 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

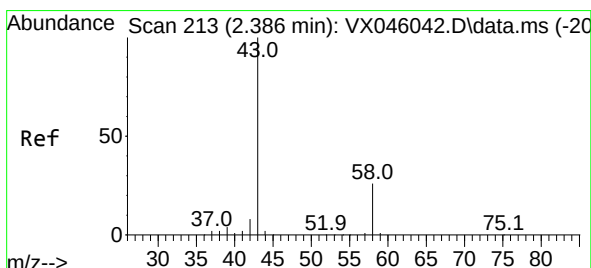
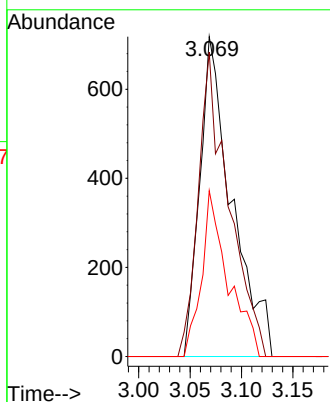
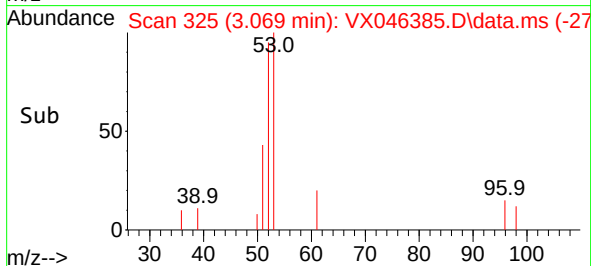
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



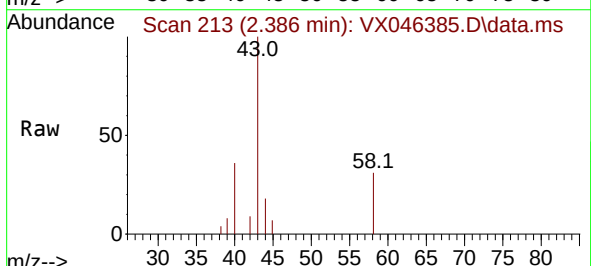
Tgt Ion: 53 Resp: 1554
Ion Ratio Lower Upper
53 100
52 90.3 65.3 97.9
51 43.0 29.8 44.8

Manual Integrations
APPROVED

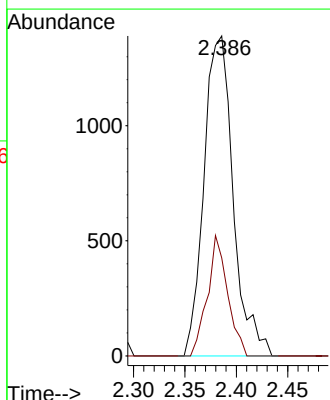
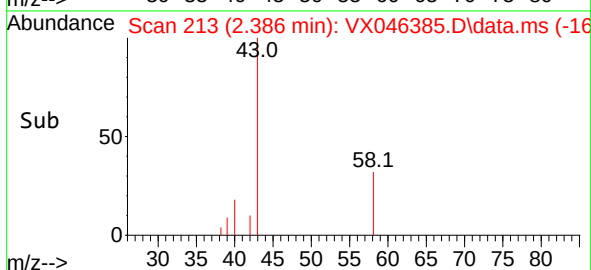
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

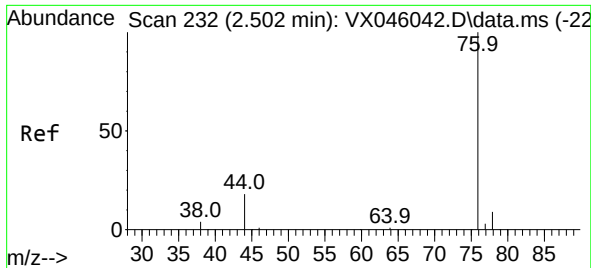


#16
Acetone
Concen: 4.396 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



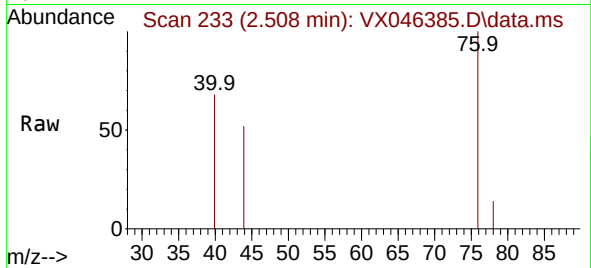
Tgt Ion: 43 Resp: 2745
Ion Ratio Lower Upper
43 100
58 30.6 21.2 31.8





#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

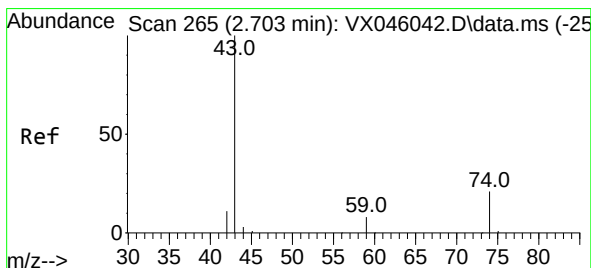
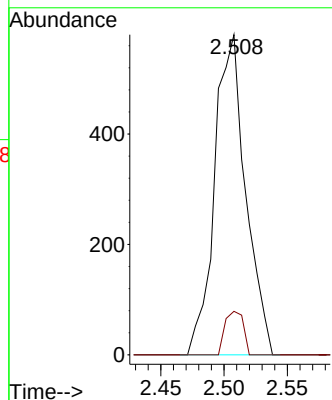
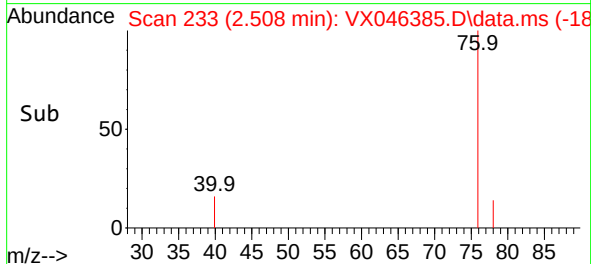
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



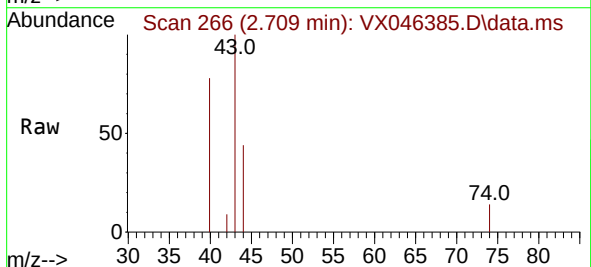
Tgt Ion: 76 Resp: 99
Ion Ratio Lower Upper
76 100
78 13.6 7.0 10.4

Manual Integrations
APPROVED

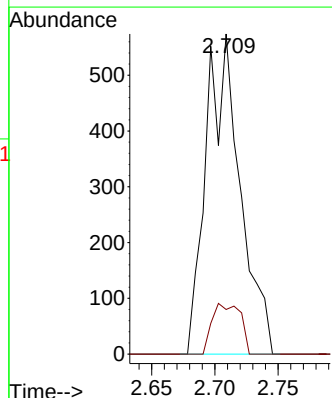
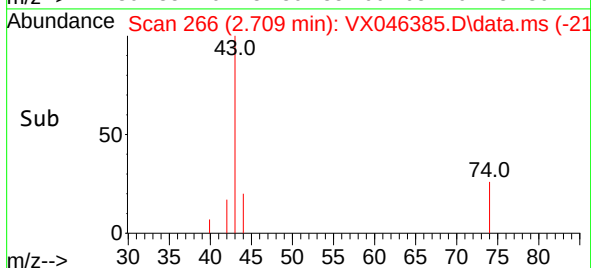
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

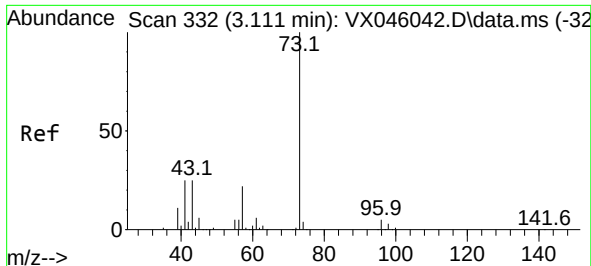


#18
Methyl Acetate
Concen: 0.742 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
74 13.1 16.7 25.1





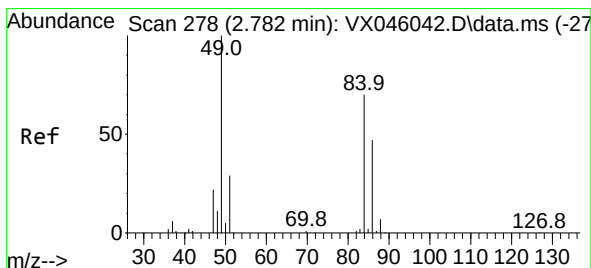
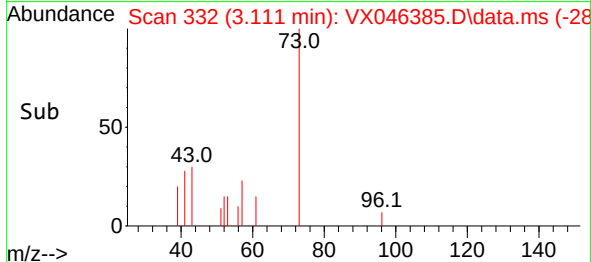
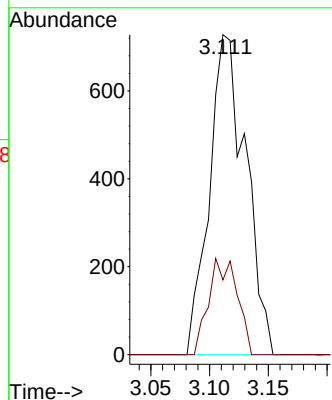
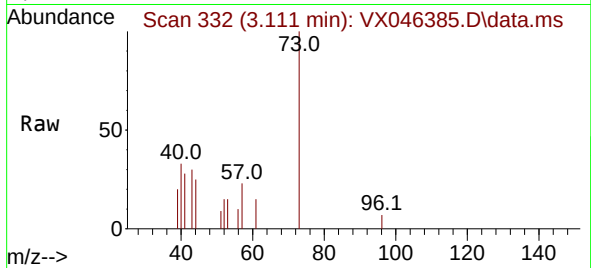
#19
Methyl tert-butyl Ether
Concen: 0.451 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 73 Resp: 156
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5

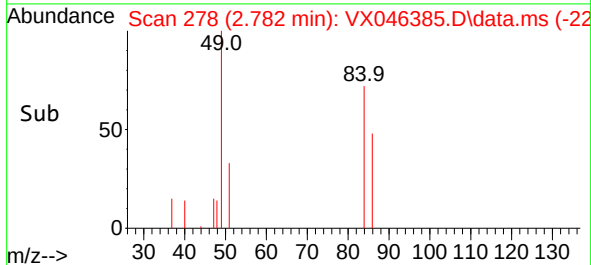
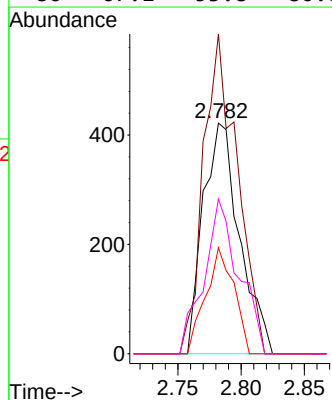
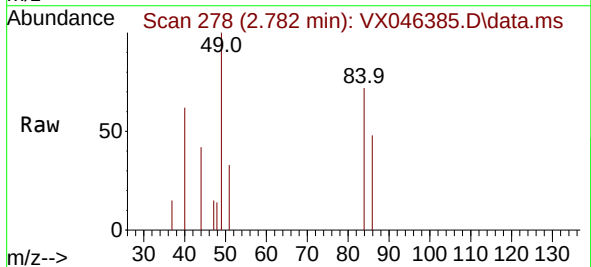
Manual Integrations
APPROVED

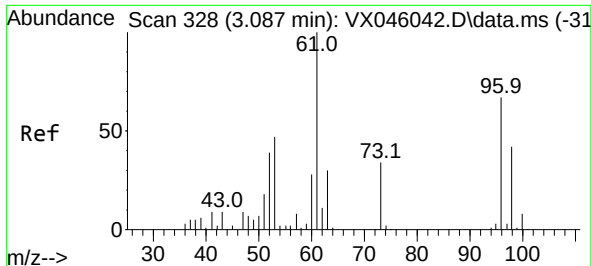
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 0.705 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

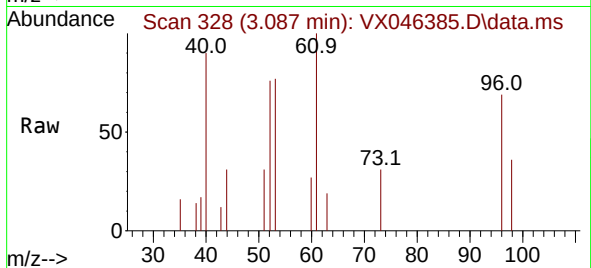
Tgt Ion: 84 Resp: 843
Ion Ratio Lower Upper
84 100
49 138.6 113.9 170.9
51 46.0 33.5 50.3
86 67.1 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 0.577 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

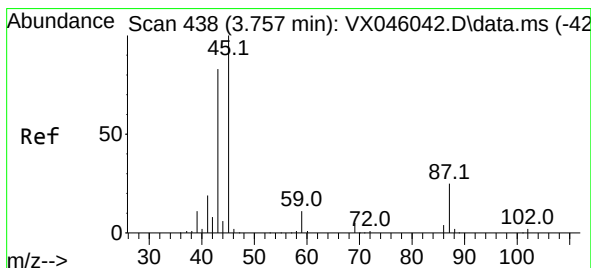
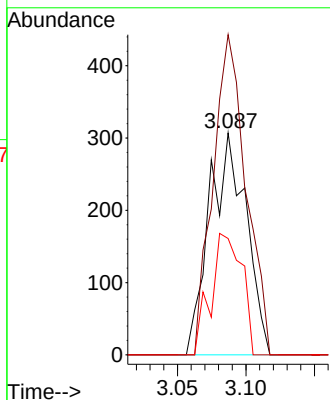
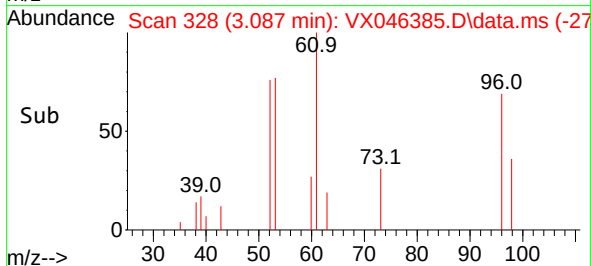
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



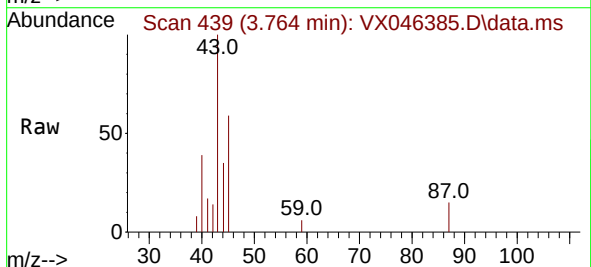
Tgt Ion: 96 Resp: 579
Ion Ratio Lower Upper
96 100
61 144.3 119.5 179.3
98 52.4 50.0 75.0

Manual Integrations
APPROVED

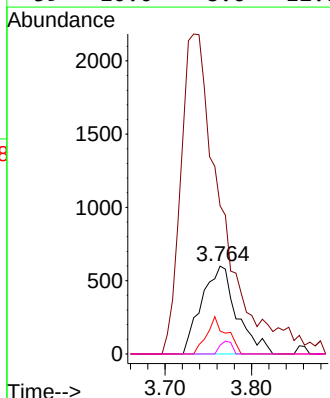
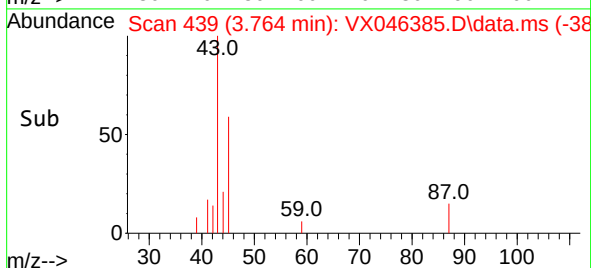
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

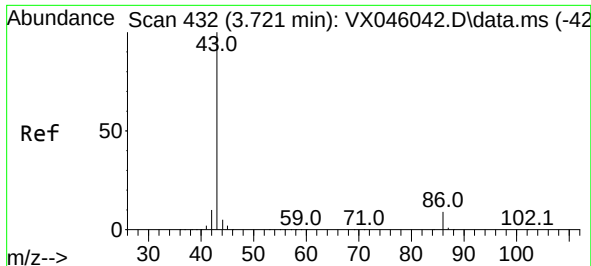


#22
Diisopropyl ether
Concen: 0.462 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



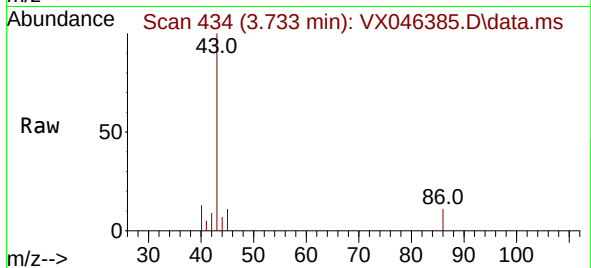
Tgt Ion: 45 Resp: 1691
Ion Ratio Lower Upper
45 100
43 138.7 66.6 100.0#
87 26.0 19.8 29.6
59 10.0 8.6 12.8





#23
 Vinyl Acetate
 Concen: 2.239 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24

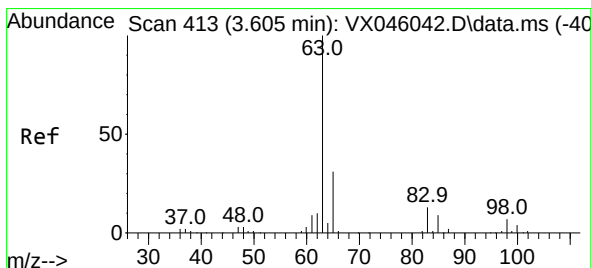
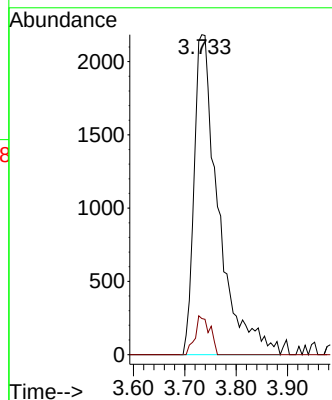
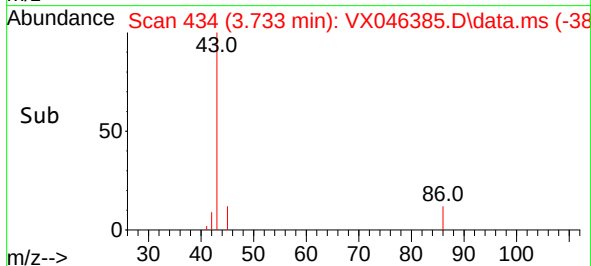
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



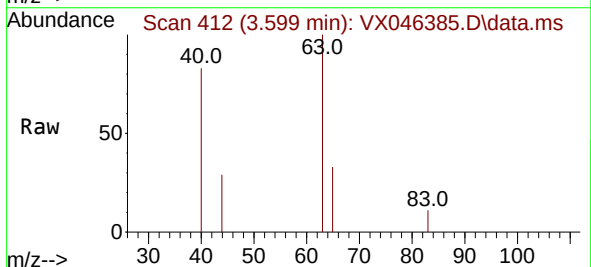
Tgt Ion: 43 Resp: 7199
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3

Manual Integrations
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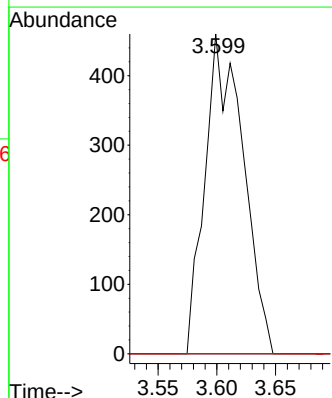
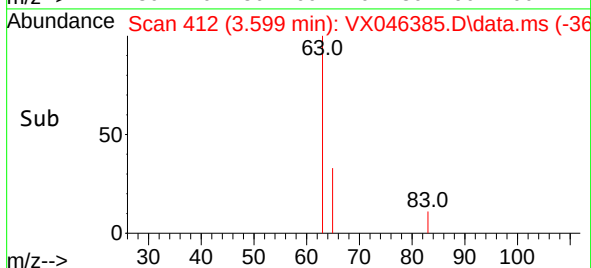
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

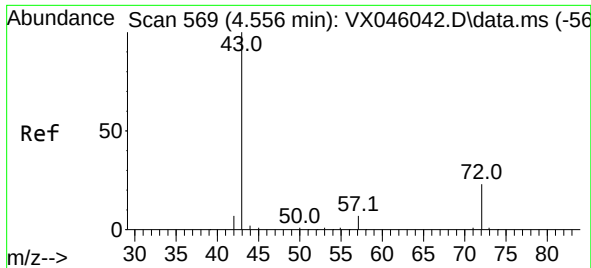


#24
 1,1-Dichloroethane
 Concen: 0.509 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24



Tgt Ion: 63 Resp: 1037
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.1 6.3#





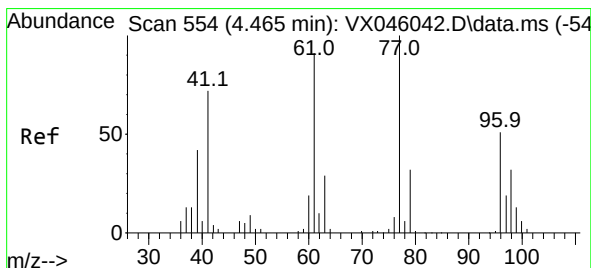
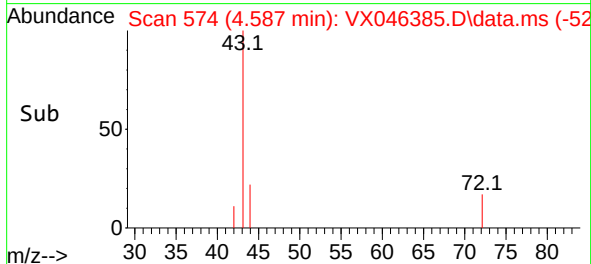
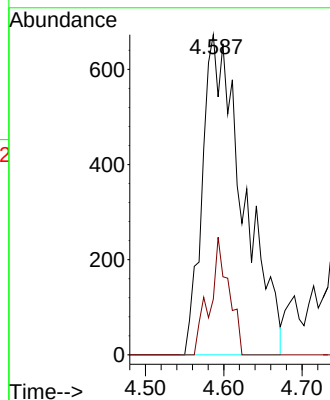
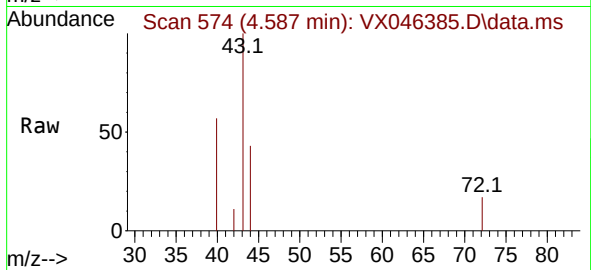
#25
2-Butanone
Concen: 2.676 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
72 17.4 18.4 27.6

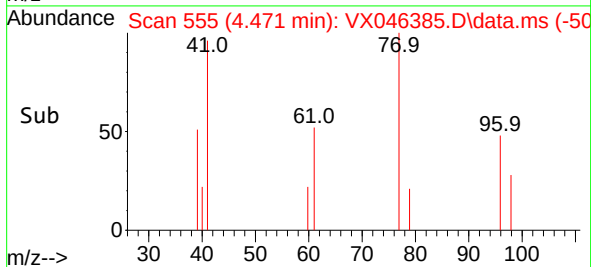
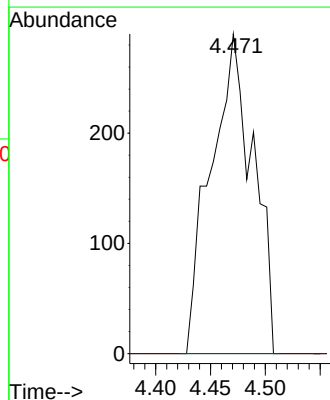
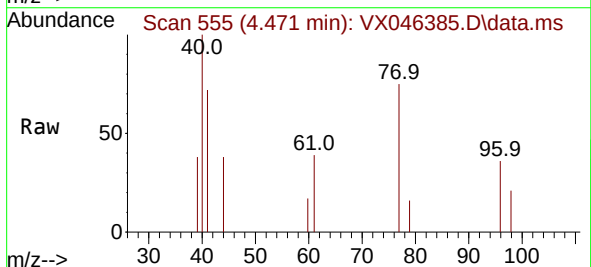
Manual Integrations
APPROVED

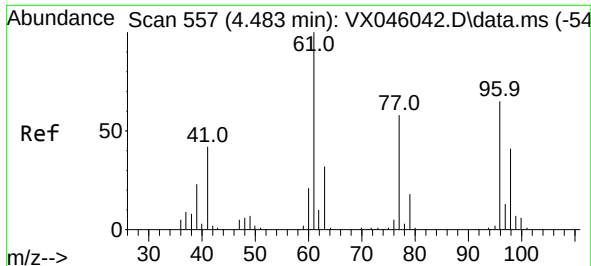
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 0.489 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion: 77 Resp: 780
Ion Ratio Lower Upper
77 100
97 0.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 0.428 ug/l

RT: 4.501 min Scan# 511

Delta R.T. 0.018 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

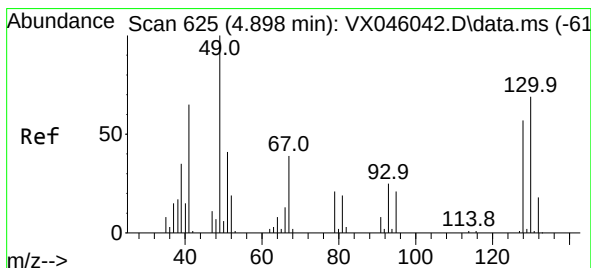
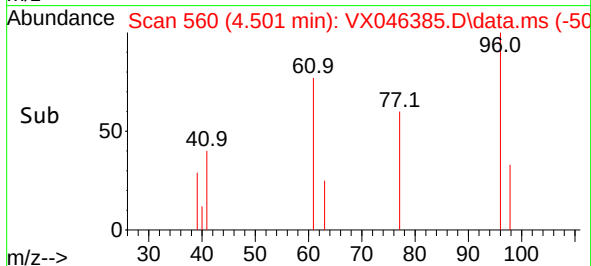
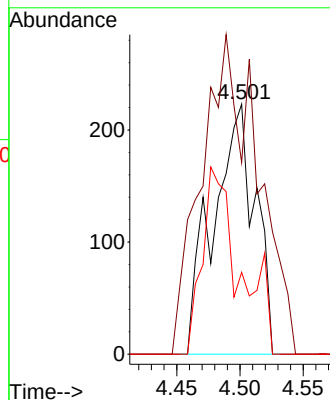
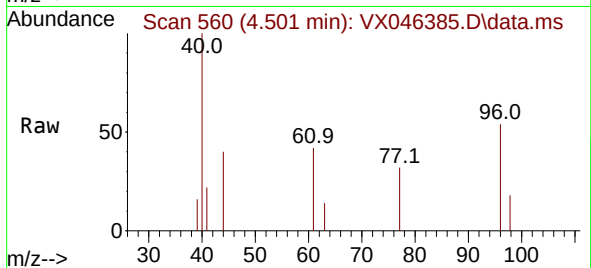
Tgt Ion: 96	Resp: 511
Ion Ratio	Lower Upper
96 100	
61 0.0	0.0 322.8
98 0.0	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#28

Bromochloromethane

Concen: 0.449 ug/l

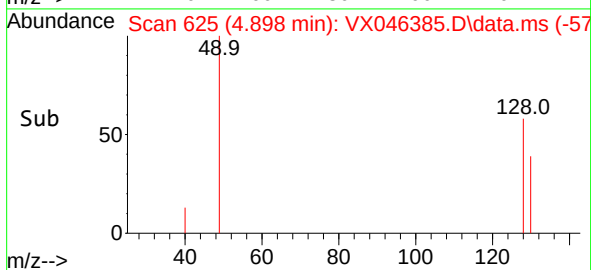
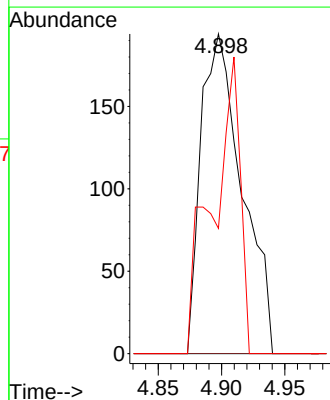
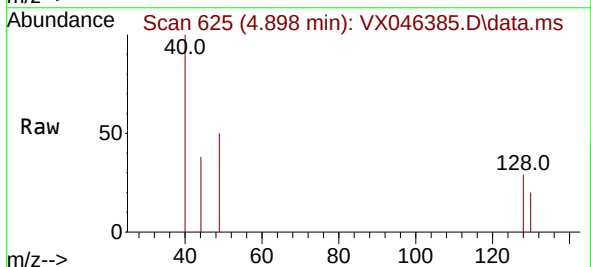
RT: 4.898 min Scan# 625

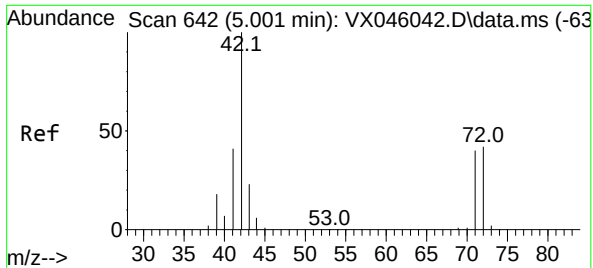
Delta R.T. 0.000 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Tgt Ion: 49	Resp: 440
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 62.3	56.2 84.2





#29

Tetrahydrofuran

Concen: 2.813 ug/l m

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

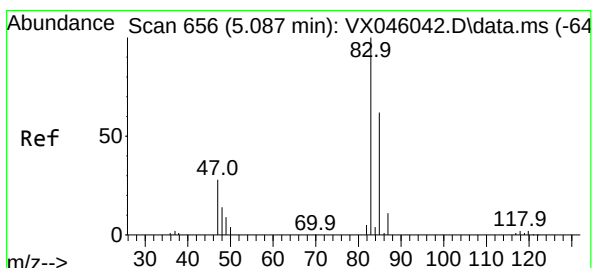
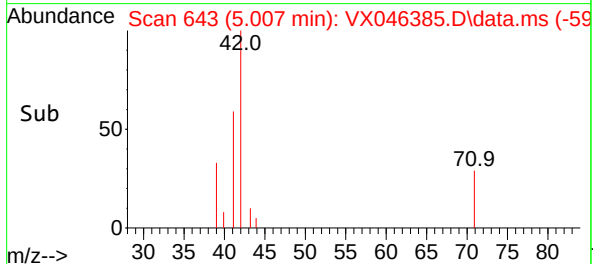
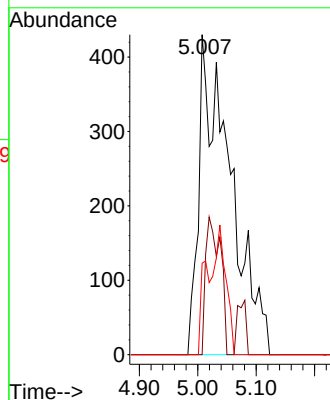
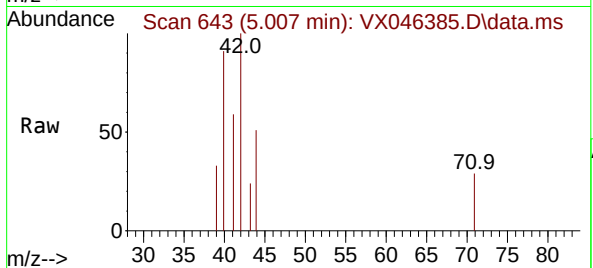
Tgt Ion:	42	Resp:	1598
Ion Ratio	Lower	Upper	
42	100		
72	20.3	33.7	50.5
71	7.9	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 0.526 ug/l

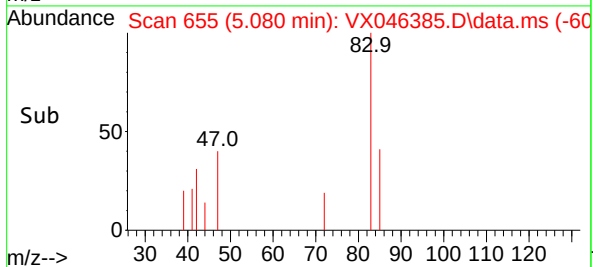
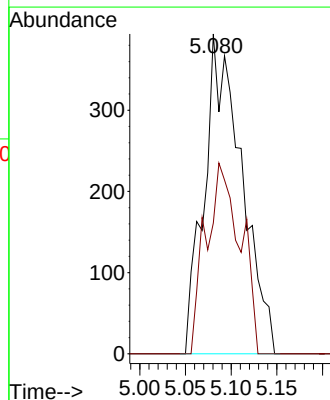
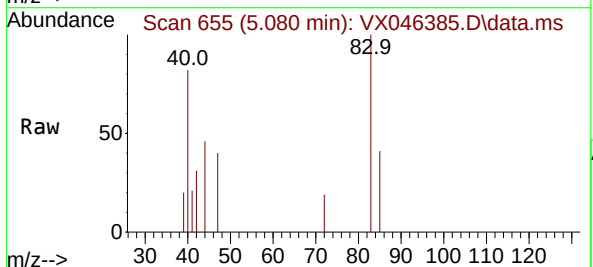
RT: 5.080 min Scan# 655

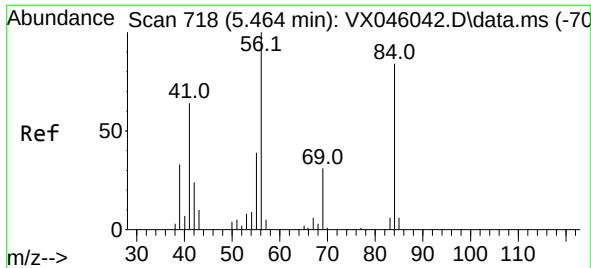
Delta R.T. -0.006 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

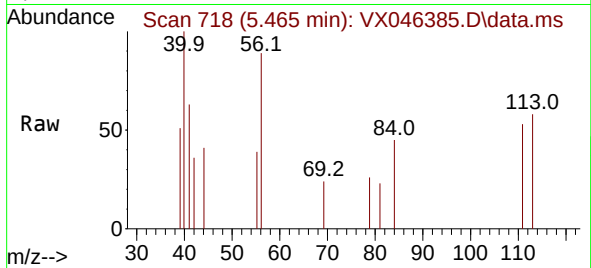
Tgt Ion:	83	Resp:	1116
Ion Ratio	Lower	Upper	
83	100		
85	40.9	49.3	73.9





#31
Cyclohexane
Concen: 0.449 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

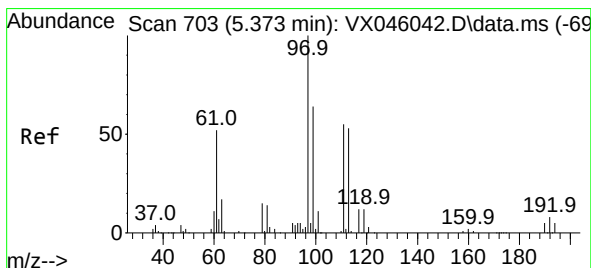
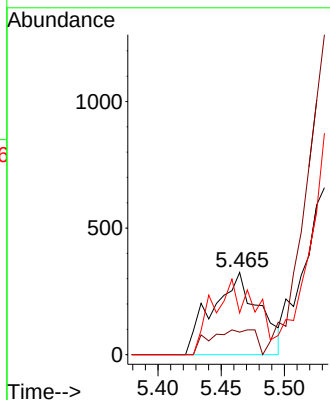
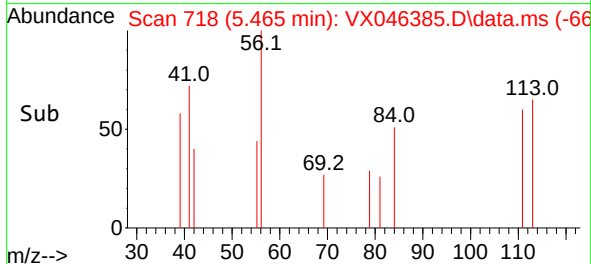
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



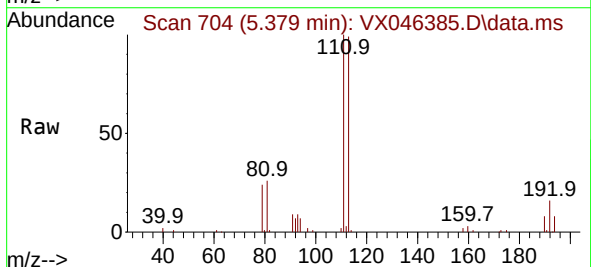
Tgt Ion: 56 Resp: 833
Ion Ratio Lower Upper
56 100
69 27.4 24.4 36.6
84 50.8 66.9 100.3

Manual Integrations
APPROVED

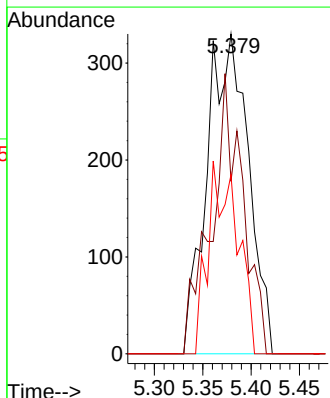
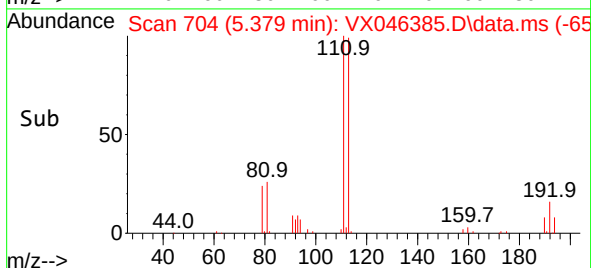
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

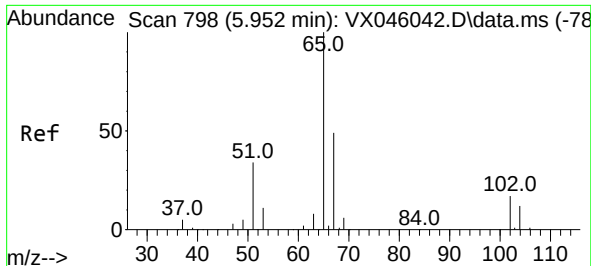


#32
1,1,1-Trichloroethane
Concen: 0.534 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



Tgt Ion: 97 Resp: 982
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 42.7 40.1 60.1





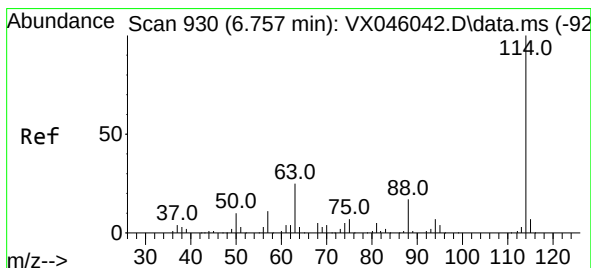
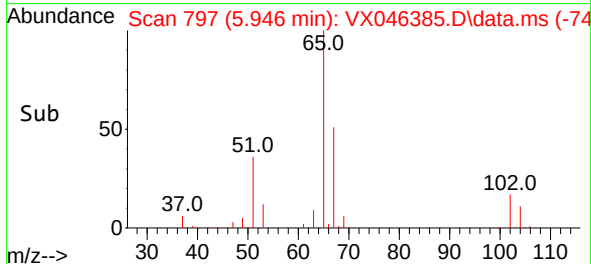
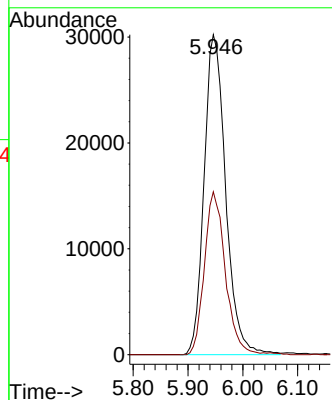
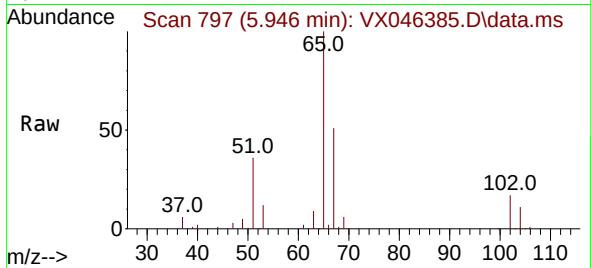
#33
1,2-Dichloroethane-d4
Concen: 52.984 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 82510
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

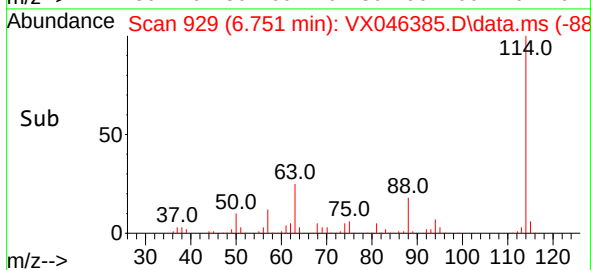
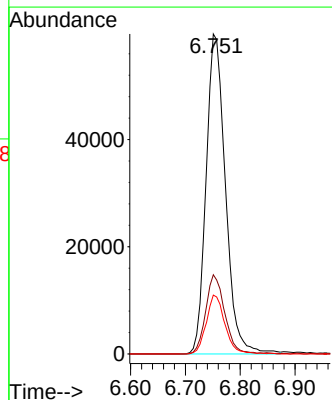
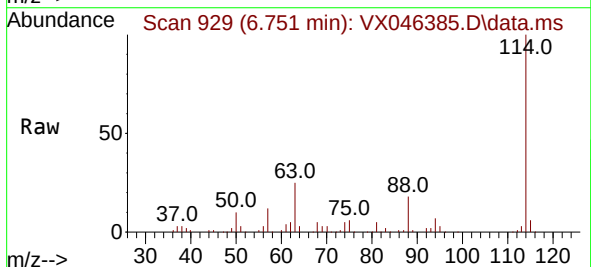
Manual Integrations
APPROVED

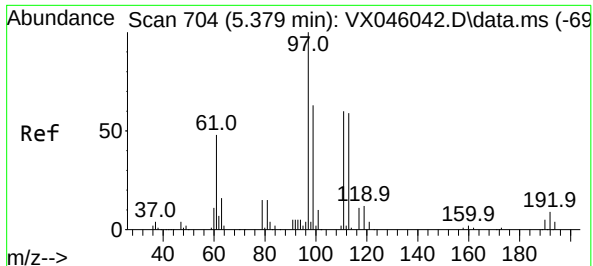
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

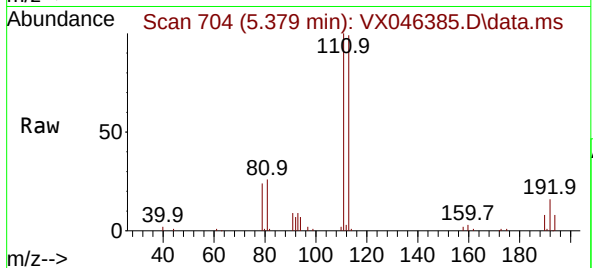
Tgt Ion:114 Resp: 146305
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 18.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.421 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

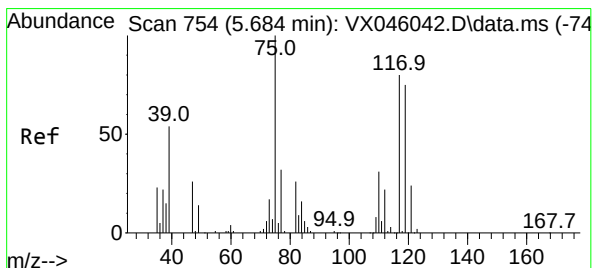
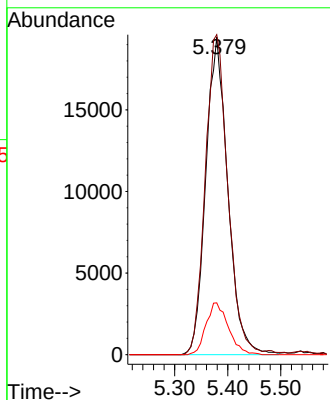
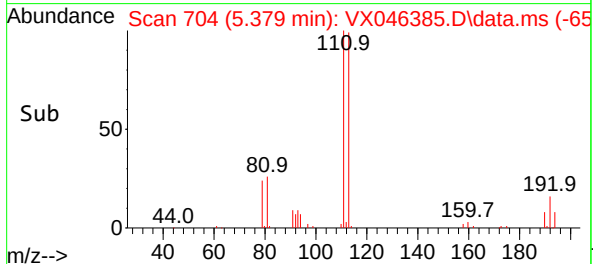
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 113 Resp: 5628
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.5 13.3 19.9

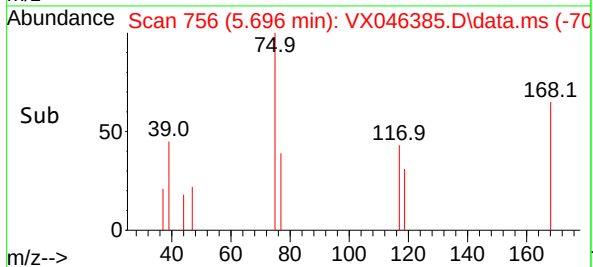
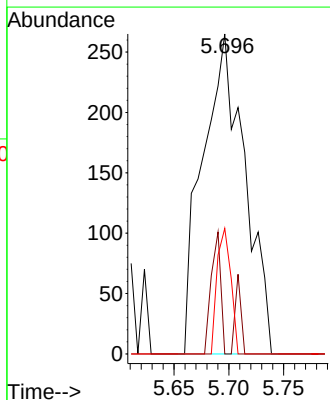
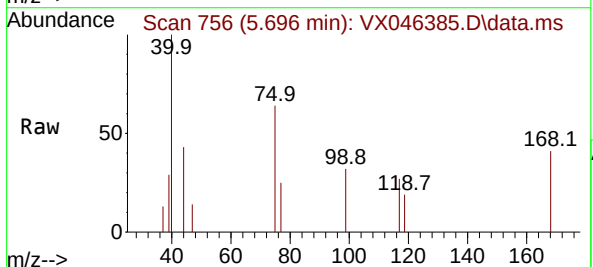
Manual Integrations
APPROVED

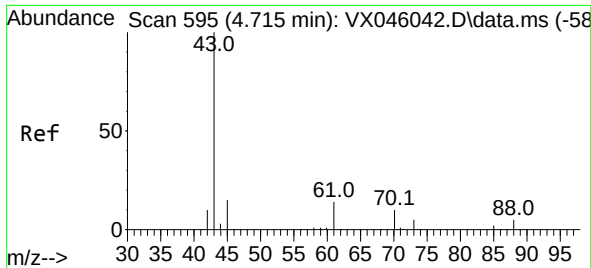
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 0.499 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

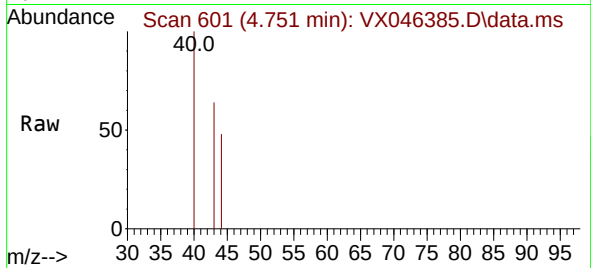
Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 12.9 24.3 36.5#





#37
Ethyl Acetate
Concen: 0.618 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.037 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

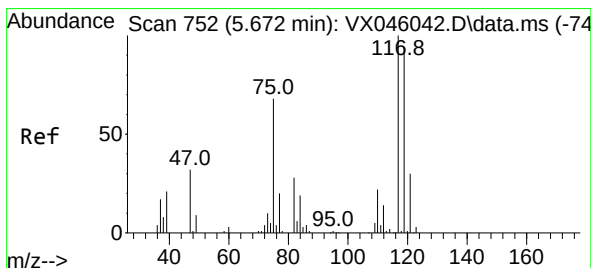
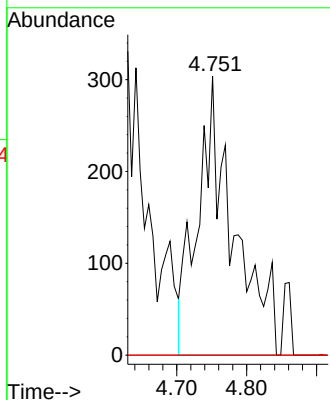
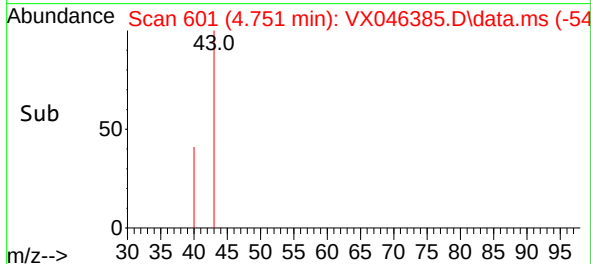
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 7.9 11.9

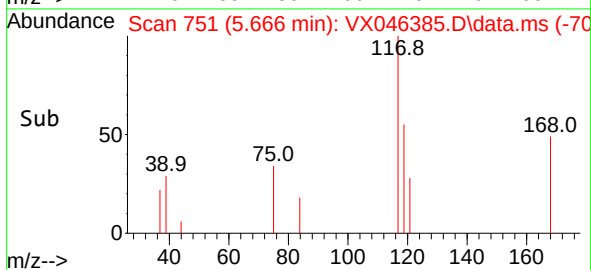
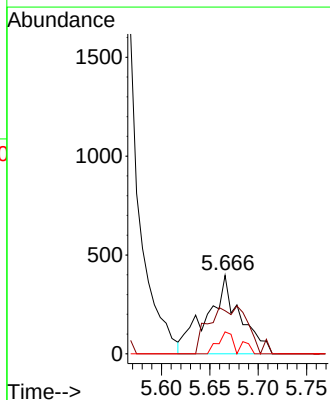
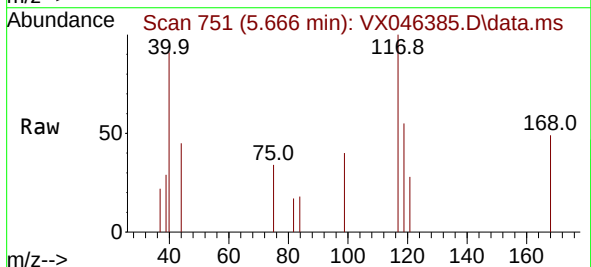
Manual Integrations
APPROVED

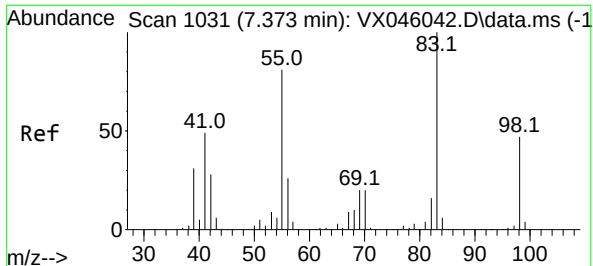
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 0.599 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

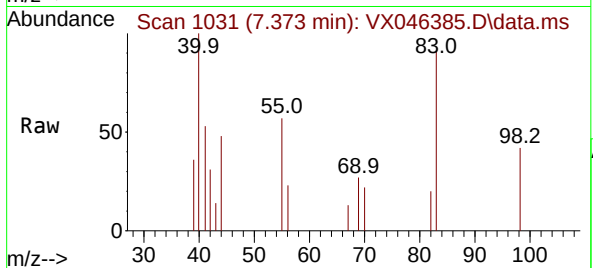
Tgt Ion:117 Resp: 953
Ion Ratio Lower Upper
117 100
119 54.9 75.2 112.8#
121 28.0 24.2 36.4





#39
Methylcyclohexane
Concen: 0.505 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

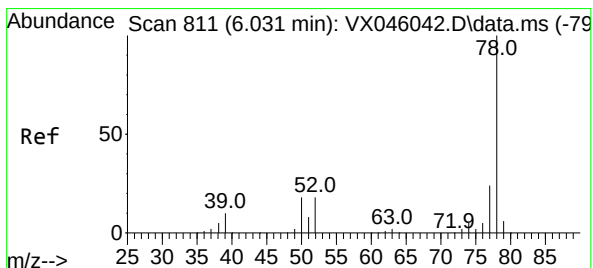
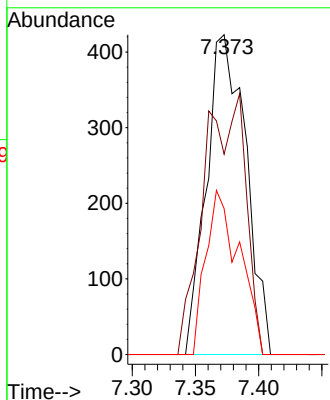
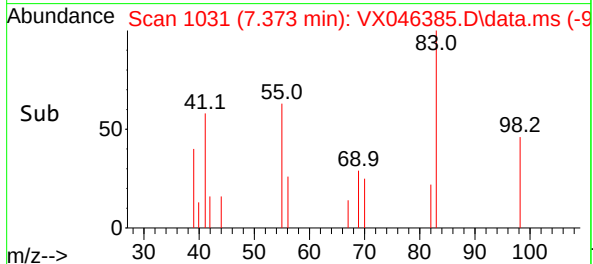
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 83 Resp: 920
Ion Ratio Lower Upper
83 100
55 62.6 64.7 97.1
98 45.6 37.4 56.2

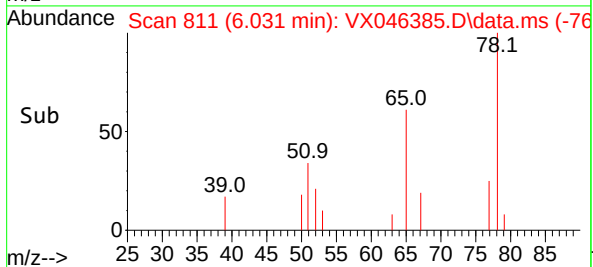
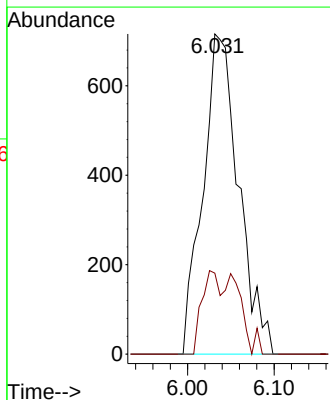
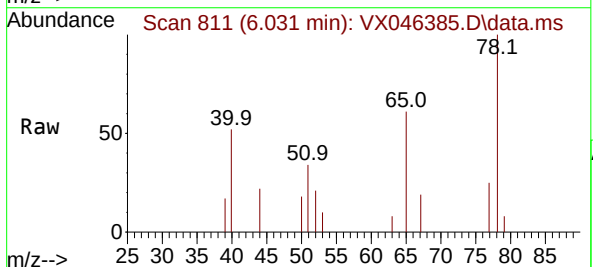
Manual Integrations
APPROVED

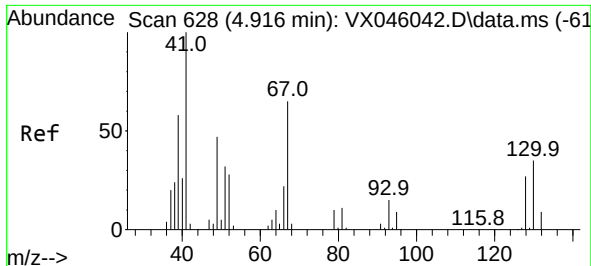
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#40
Benzene
Concen: 0.495 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

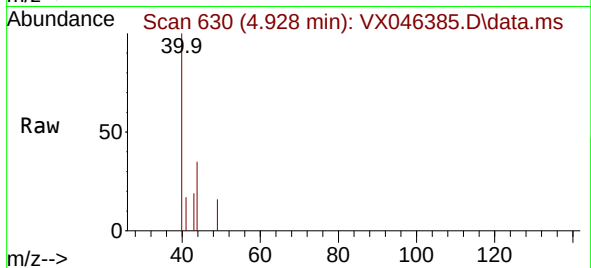
Tgt Ion: 78 Resp: 2053
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.4





#41
Methacrylonitrile
Concen: 0.049 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

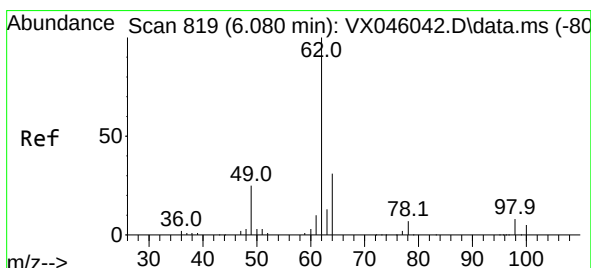
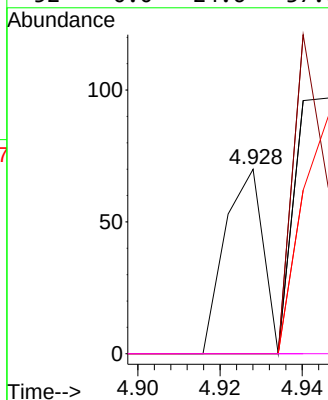
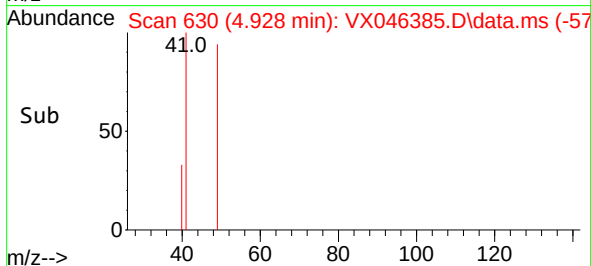
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 41 Resp: 41
Ion Ratio Lower Upper
41 100
39 0.0 47.2 70.8
67 0.0 50.7 76.1
52 0.0 24.6 37.0

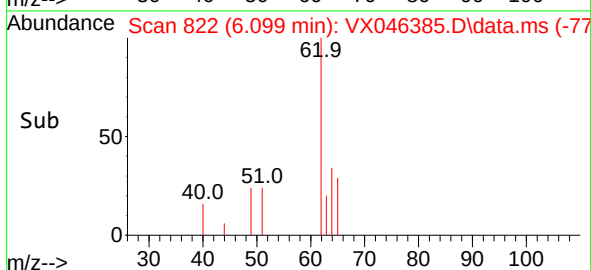
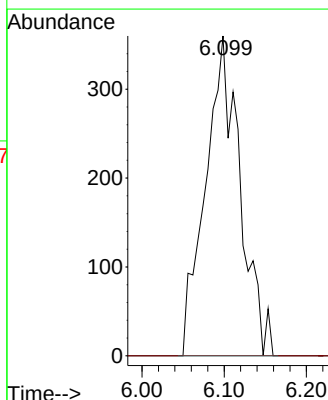
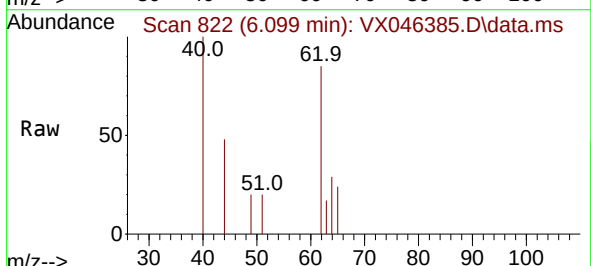
Manual Integrations
APPROVED

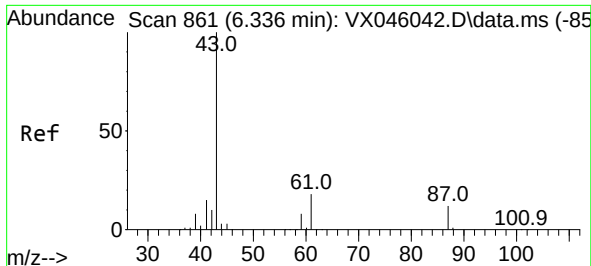
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 0.590 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

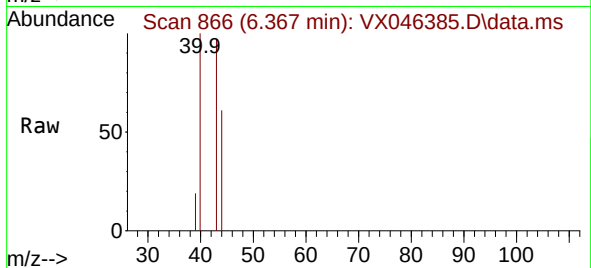
Tgt Ion: 62 Resp: 1056
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.2





#43
Isopropyl Acetate
Concen: 0.448 ug/l m
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

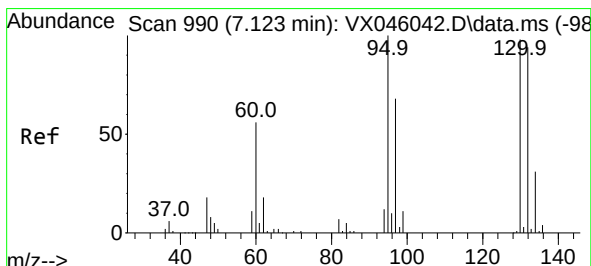
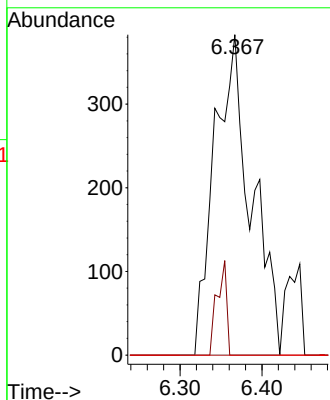
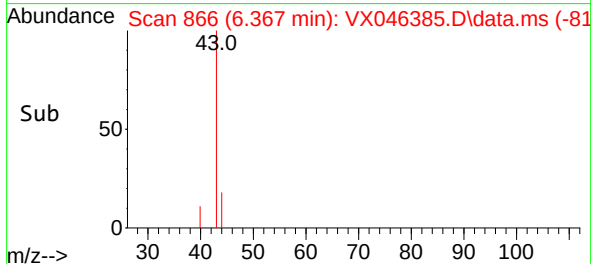
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
61 7.8 14.3 21.5
87 0.0 9.5 14.3

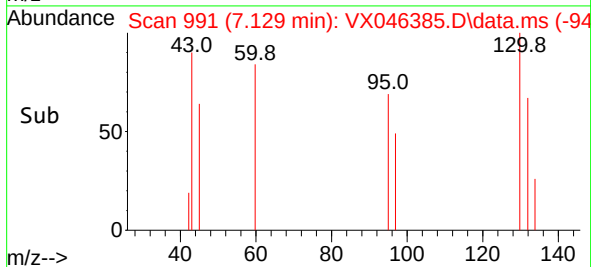
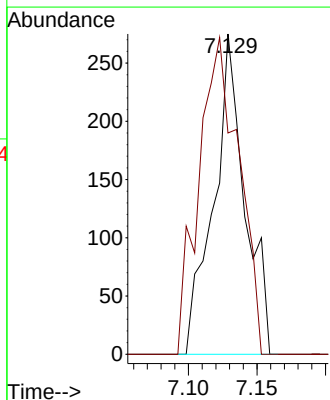
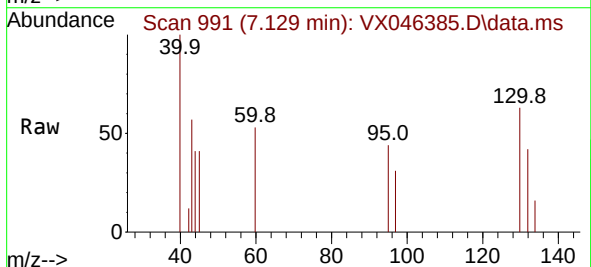
Manual Integrations
APPROVED

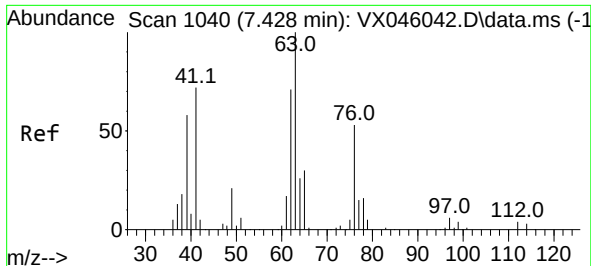
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 0.437 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:130 Resp: 436
Ion Ratio Lower Upper
130 100
95 69.1 0.0 204.2





#45

1,2-Dichloropropane

Concen: 0.506 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

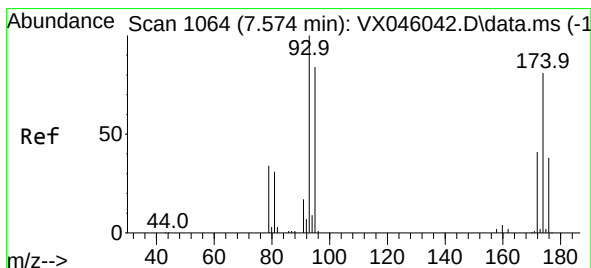
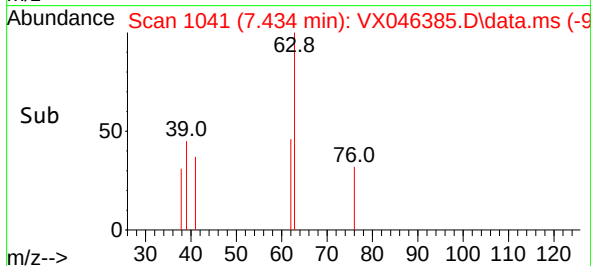
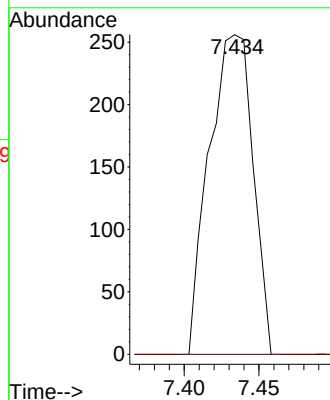
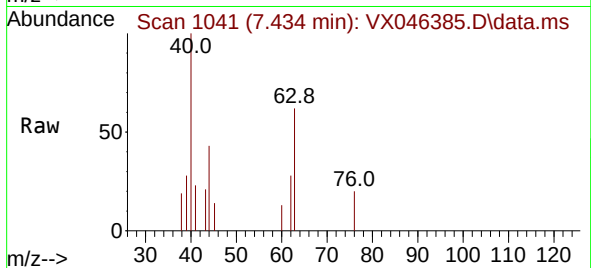
Tgt Ion: 63 Resp: 52
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 0.449 ug/l

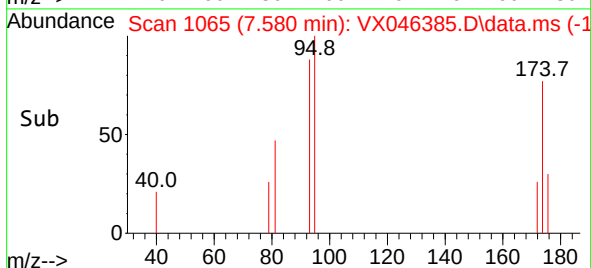
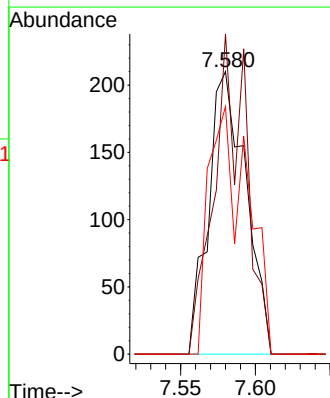
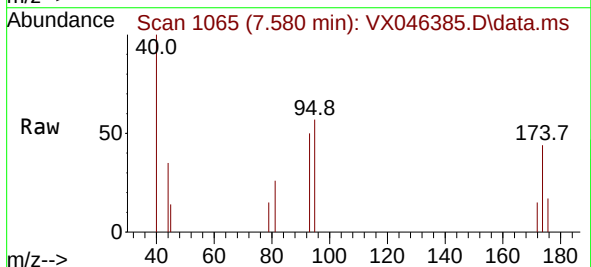
RT: 7.580 min Scan# 1065

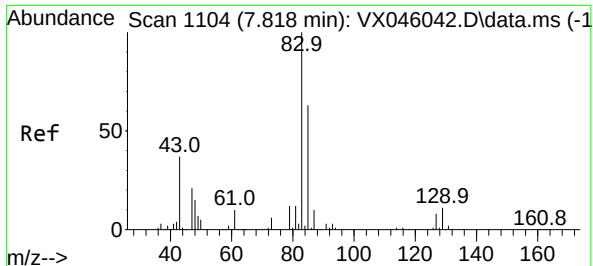
Delta R.T. 0.006 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

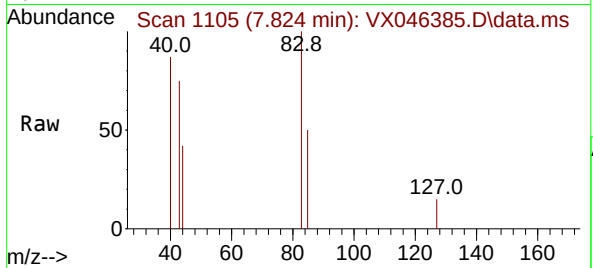
Tgt Ion: 93 Resp: 365
 Ion Ratio Lower Upper
 93 100
 95 97.3 65.6 98.4
 174 91.5 68.2 102.2





#47
Bromodichloromethane
Concen: 0.473 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

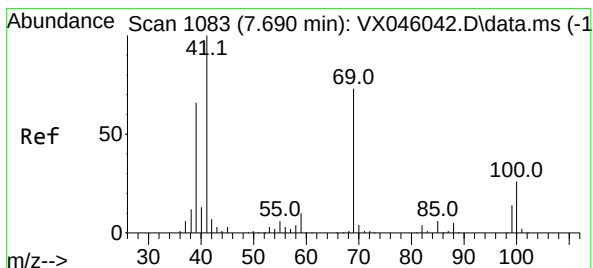
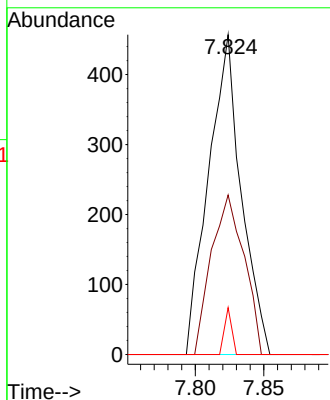
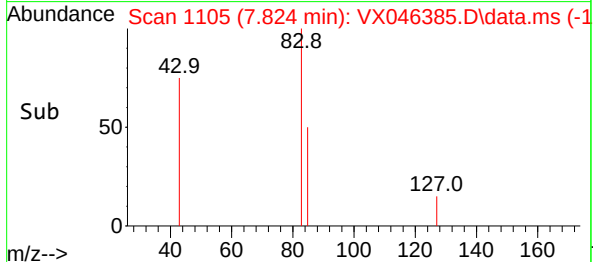
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



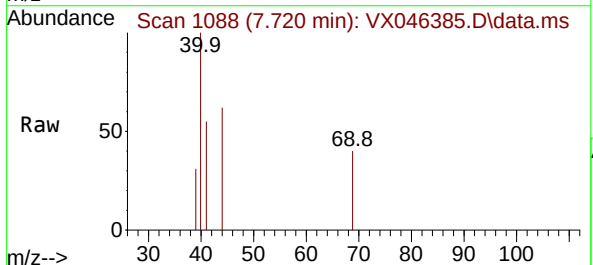
Tgt Ion: 83 Resp: 758
Ion Ratio Lower Upper
83 100
85 49.9 50.5 75.7
127 14.7 6.5 9.7

Manual Integrations
APPROVED

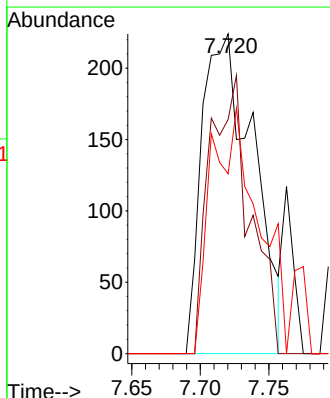
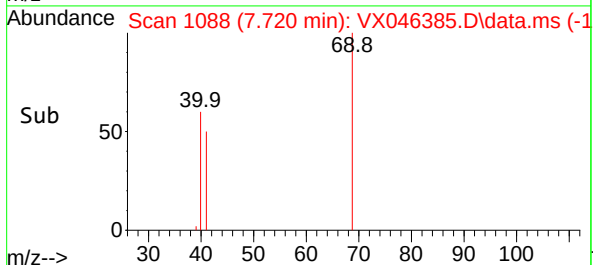
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

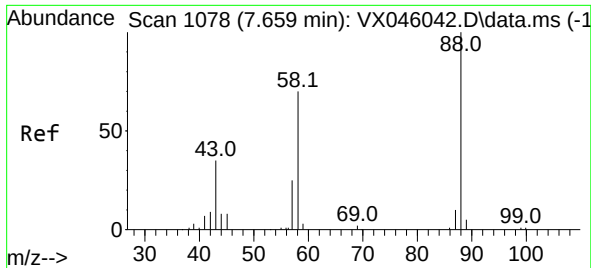


#48
Methyl methacrylate
Concen: 0.427 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.031 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



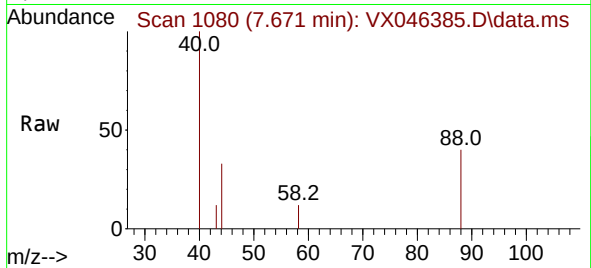
Tgt Ion: 41 Resp: 582
Ion Ratio Lower Upper
41 100
69 68.6 58.5 87.7
39 30.1 51.7 77.5





#49
1,4-Dioxane
Concen: 9.199 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

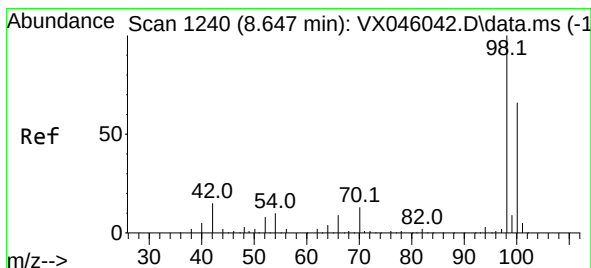
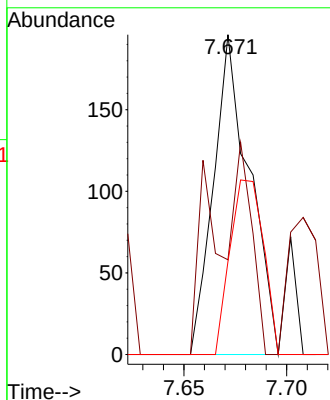
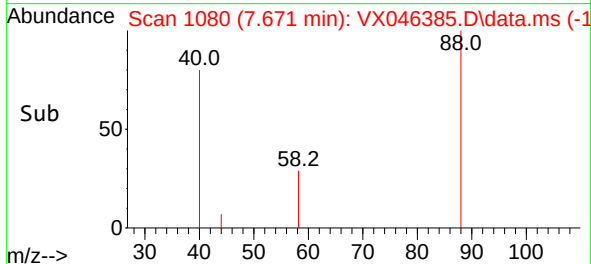
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
43 68.1 33.4 50.2
58 50.8 58.6 88.0

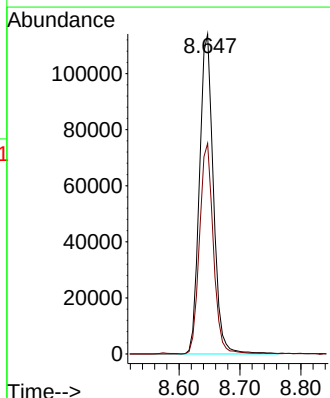
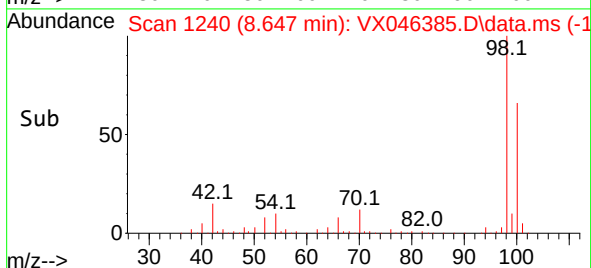
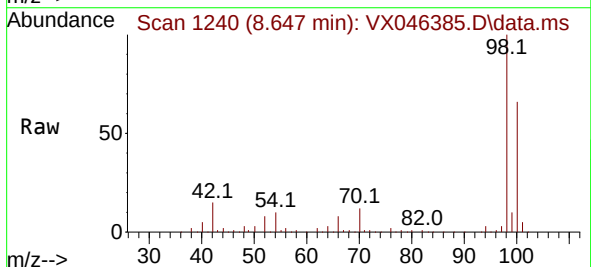
Manual Integrations
APPROVED

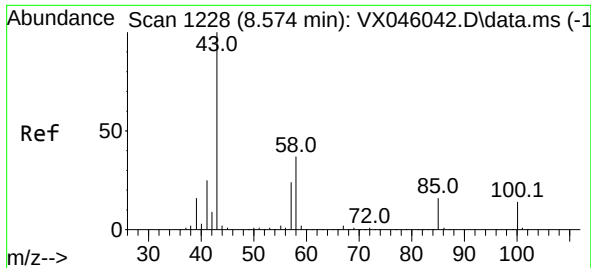
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 49.730 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion: 98 Resp: 181339
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3





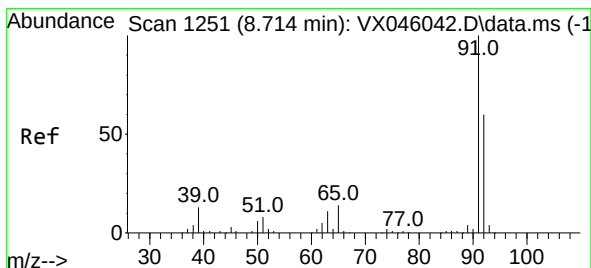
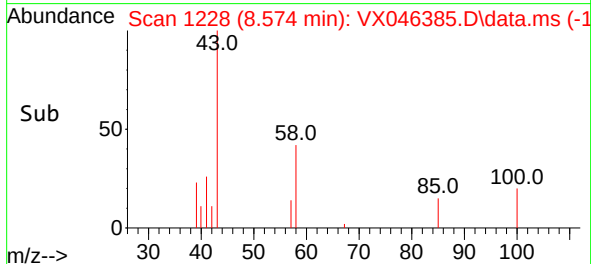
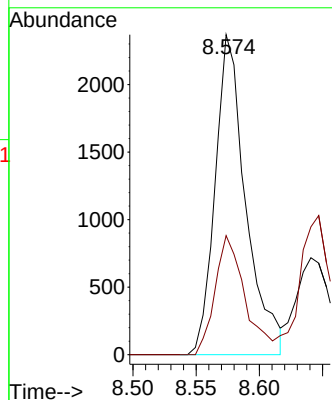
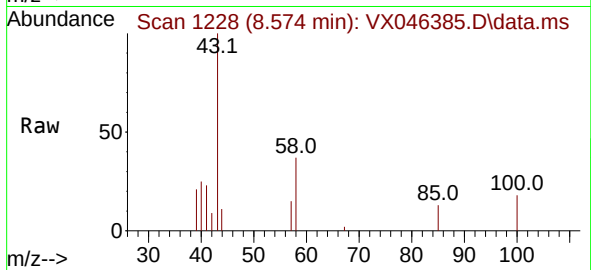
#51
4-Methyl-2-Pentanone
Concen: 2.251 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 36.2 28.9 43.3

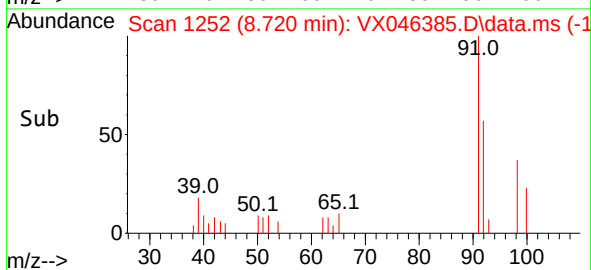
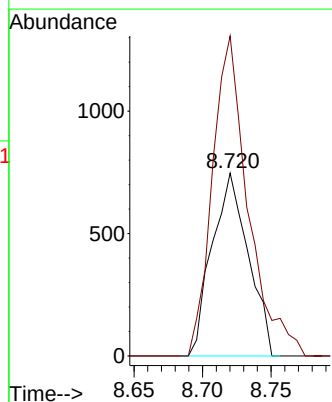
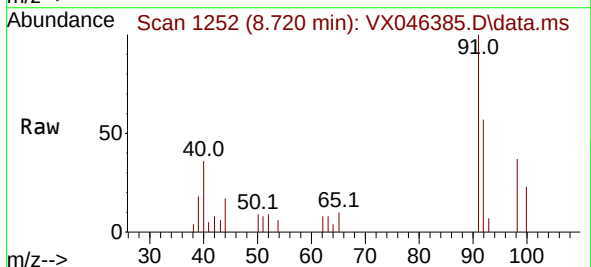
Manual Integrations
APPROVED

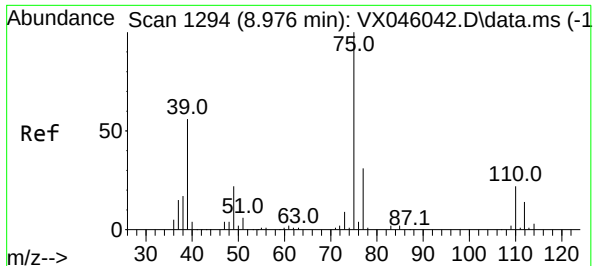
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 0.540 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

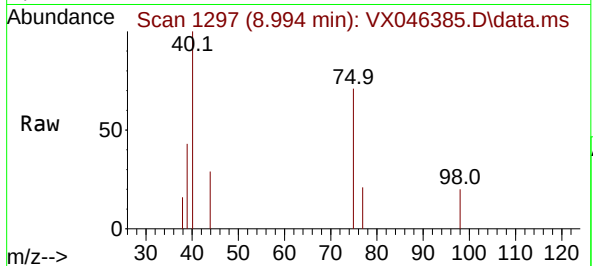
Tgt Ion: 92 Resp: 1374
Ion Ratio Lower Upper
92 100
91 172.4 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 0.379 ug/l
RT: 8.994 min Scan# 1195
Delta R.T. 0.018 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

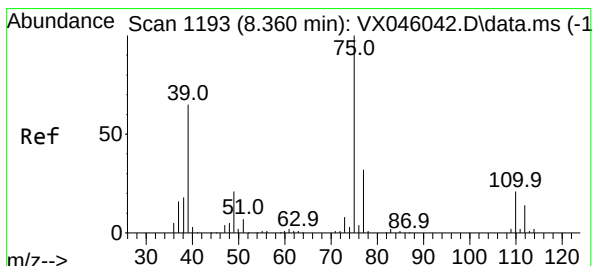
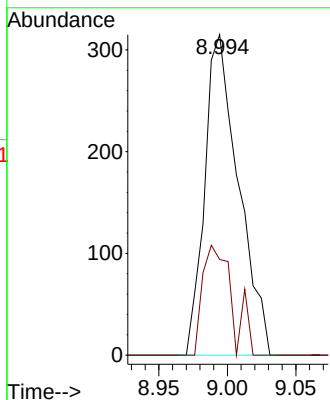
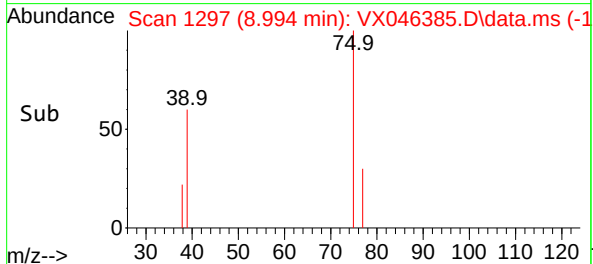
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



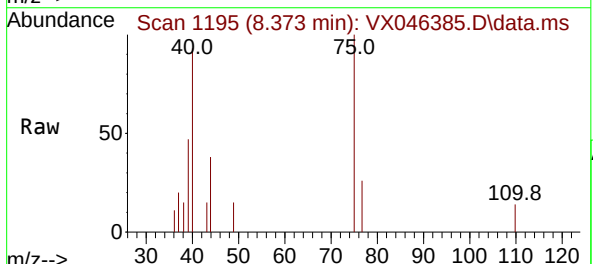
Tgt Ion: 75 Resp: 540
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6

Manual Integrations
APPROVED

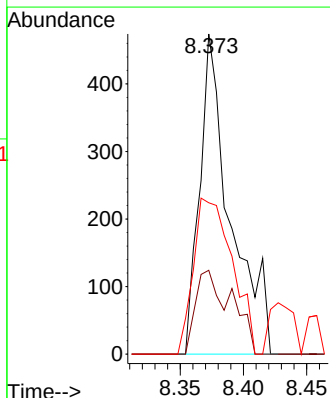
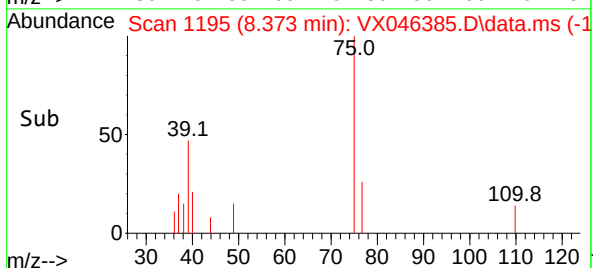
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

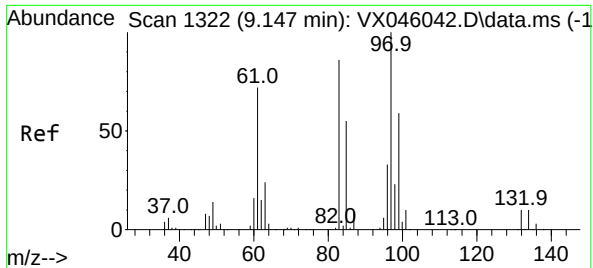


#54
cis-1,3-Dichloropropene
Concen: 0.508 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



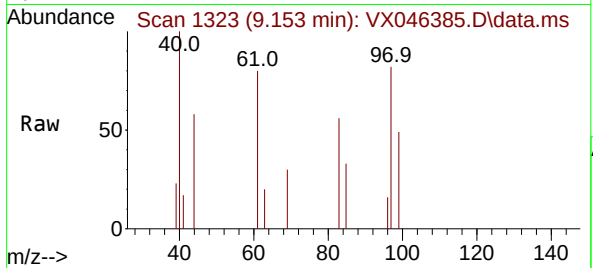
Tgt Ion: 75 Resp: 799
Ion Ratio Lower Upper
75 100
77 26.2 25.4 38.0
39 47.3 52.2 78.4#





#55
1,1,2-Trichloroethane
Concen: 0.532 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

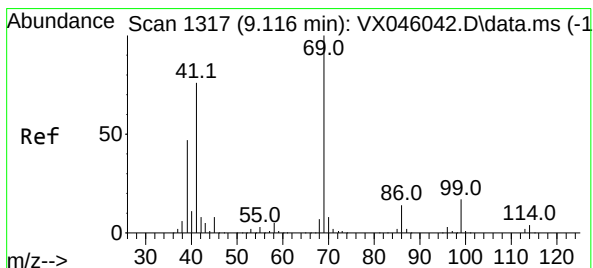
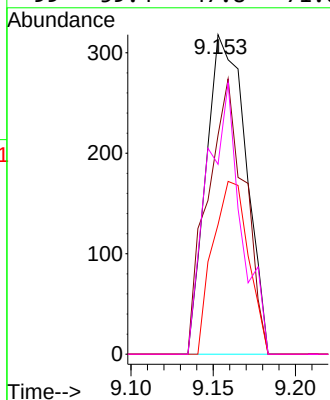
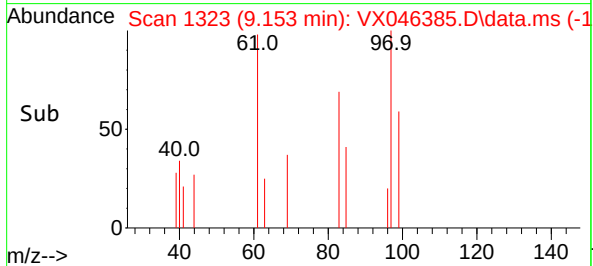
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



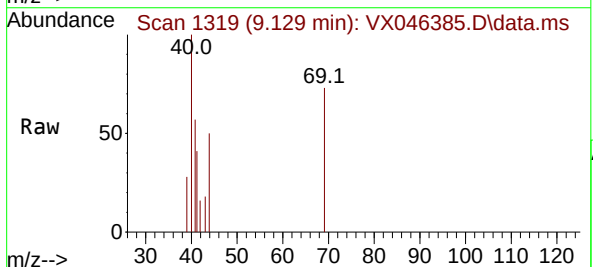
Tgt Ion	Ratio	Lower	Upper
97	100		
83	68.6	69.0	103.6
85	40.6	44.3	66.5
99	59.4	47.8	71.6

Manual Integrations
APPROVED

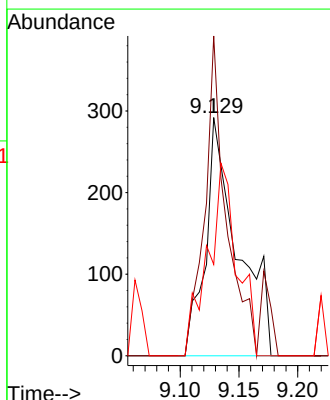
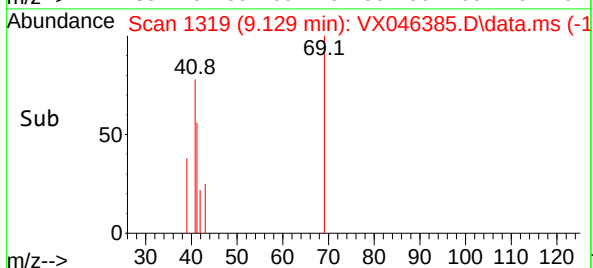
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

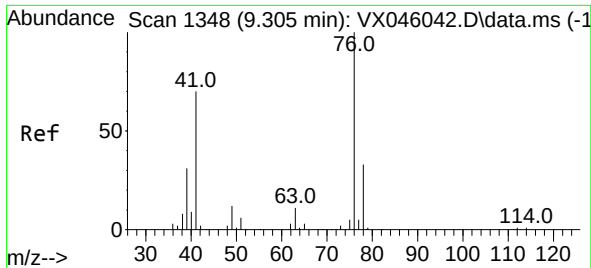


#56
Ethyl methacrylate
Concen: 0.348 ug/l
RT: 9.129 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	89.6	60.8	91.2
39	73.2	39.0	58.6





#57

1,3-Dichloropropane

Concen: 0.507 ug/l

RT: 9.317 min Scan# 1135

Delta R.T. 0.012 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

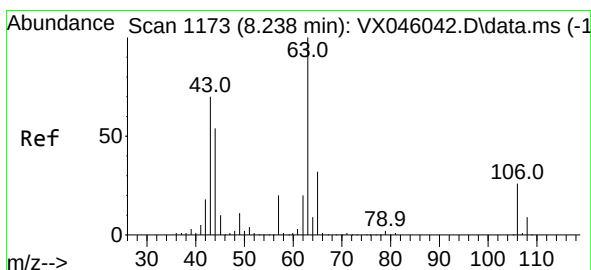
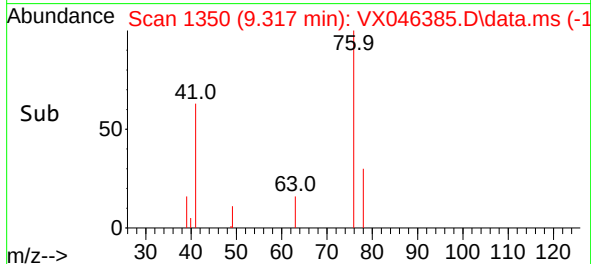
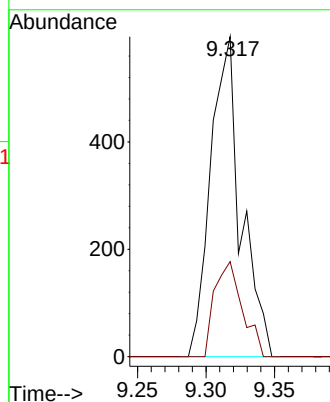
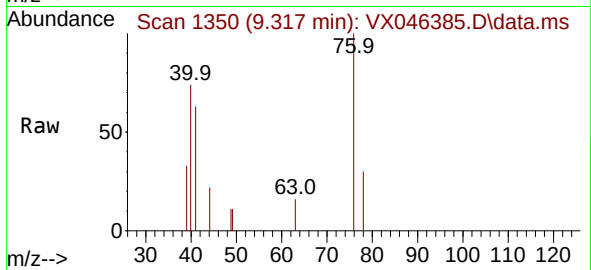
Tgt Ion: 76 Resp: 91
 Ion Ratio Lower Upper
 76 100
 78 27.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 2.212 ug/l

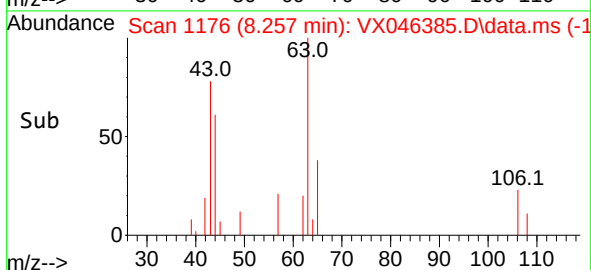
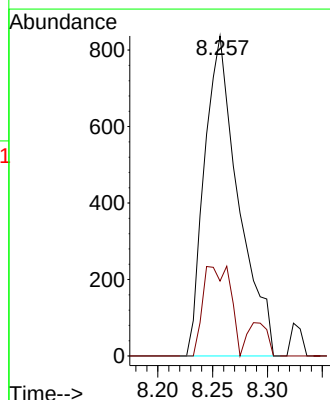
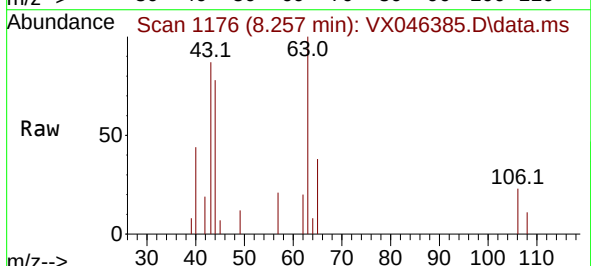
RT: 8.257 min Scan# 1176

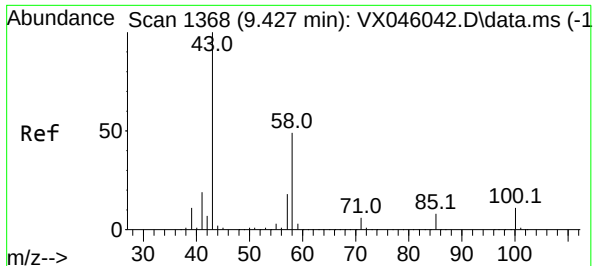
Delta R.T. 0.018 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

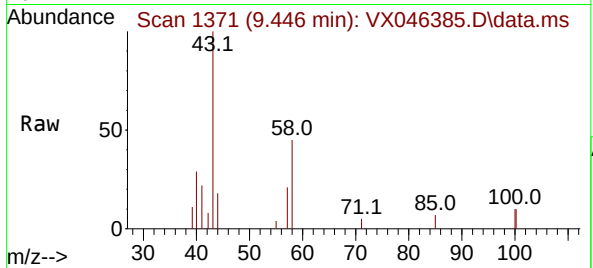
Tgt Ion: 63 Resp: 1802
 Ion Ratio Lower Upper
 63 100
 106 22.8 21.5 32.3





#59
2-Hexanone
Concen: 2.099 ug/l
RT: 9.446 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

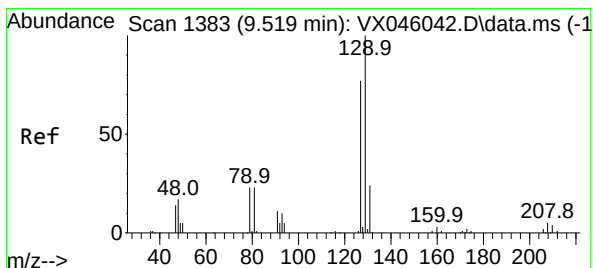
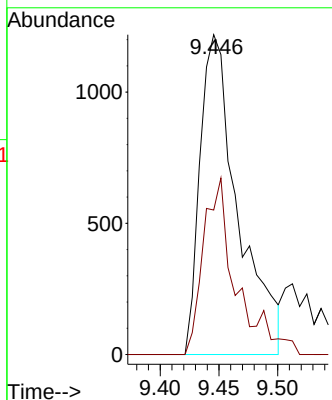
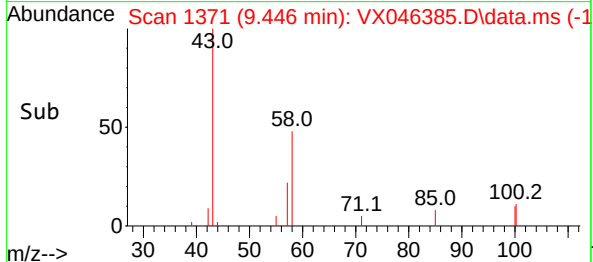
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 2750
Ion Ratio Lower Upper
43 100
58 47.3 24.9 74.6

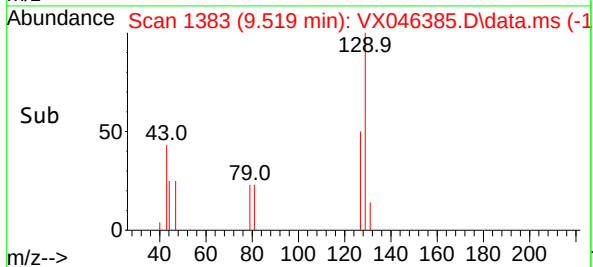
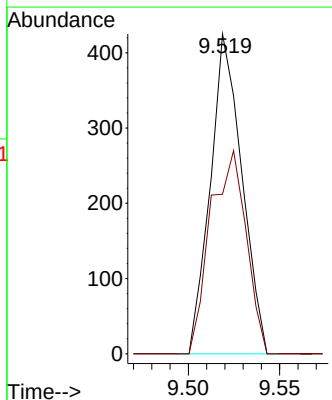
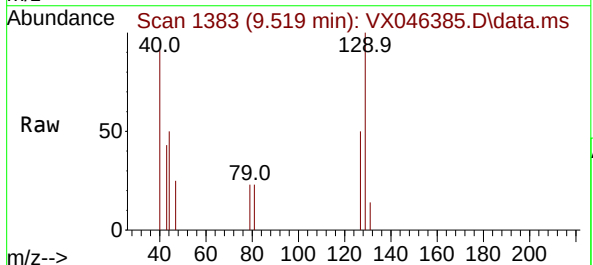
Manual Integrations
APPROVED

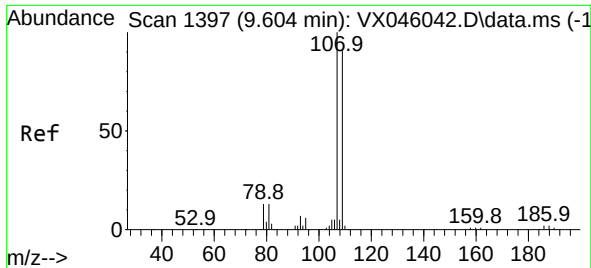
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 0.463 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

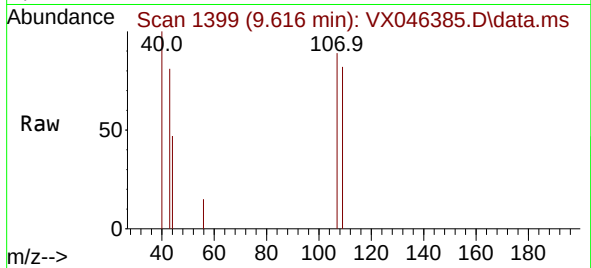
Tgt Ion:129 Resp: 510
Ion Ratio Lower Upper
129 100
127 71.8 39.3 117.8





#61
1,2-Dibromoethane
Concen: 0.481 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

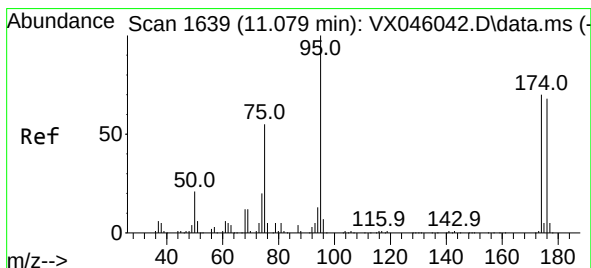
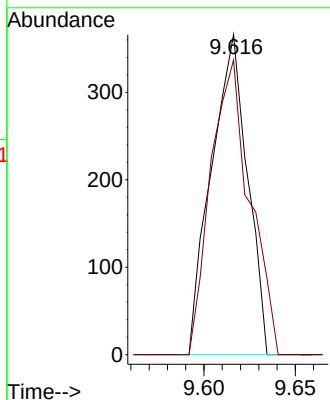
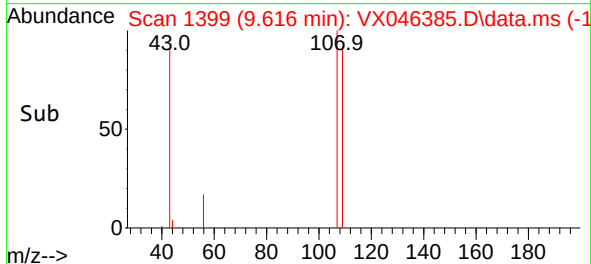
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



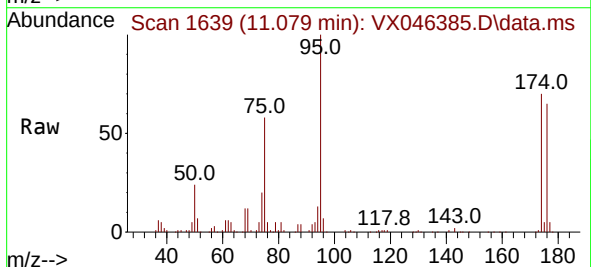
Tgt Ion:107 Resp: 50
Ion Ratio Lower Upper
107 100
109 100.2 73.3 109.9

Manual Integrations
APPROVED

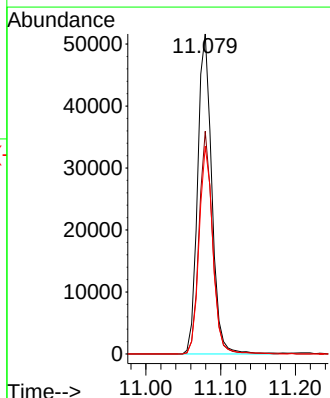
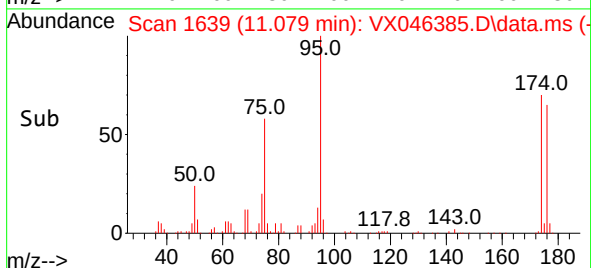
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

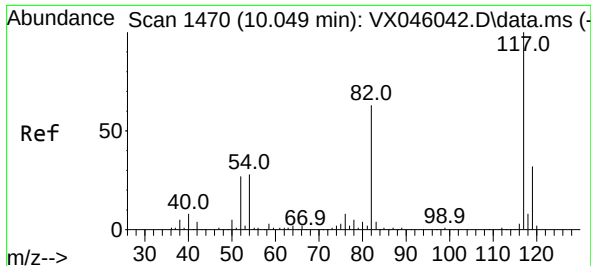


#62
4-Bromofluorobenzene
Concen: 48.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



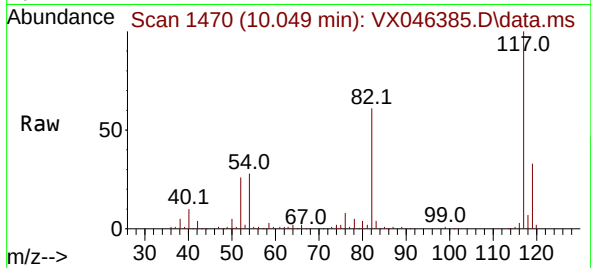
Tgt Ion: 95 Resp: 67809
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

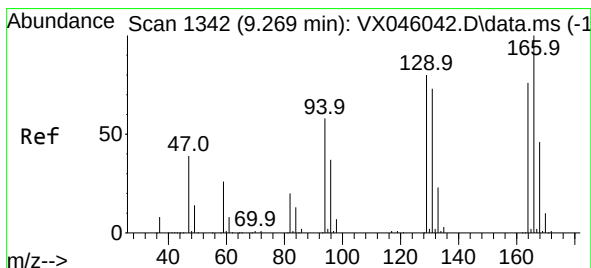
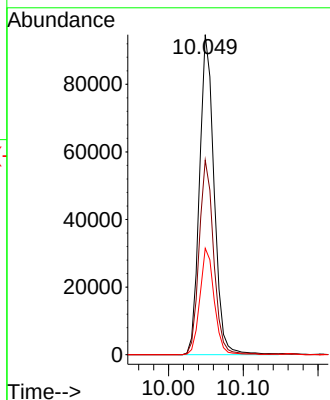
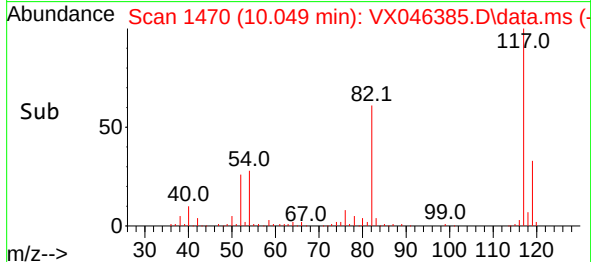
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:117 Resp: 128390
Ion Ratio Lower Upper
117 100
82 60.8 50.6 76.0
119 33.2 25.8 38.6

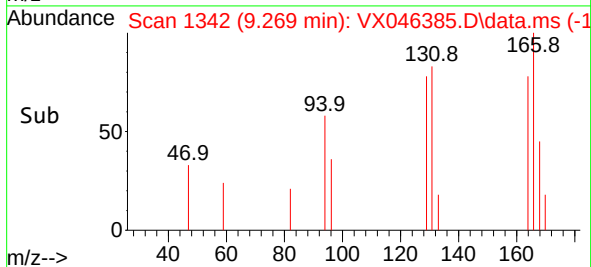
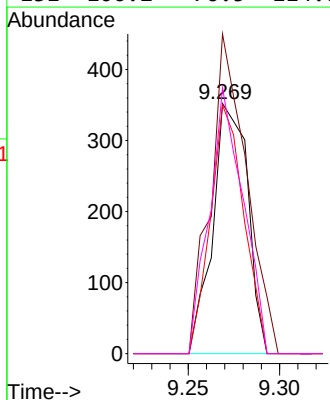
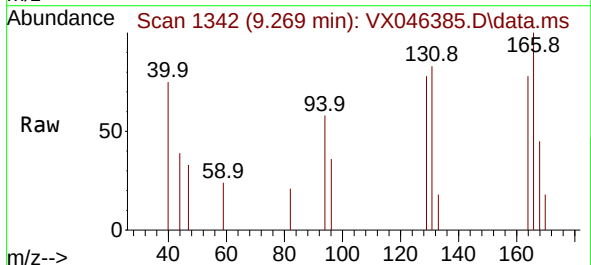
Manual Integrations
APPROVED

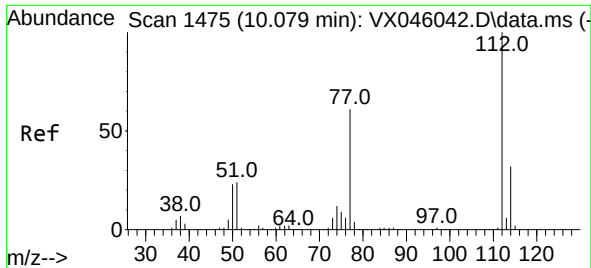
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 0.516 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

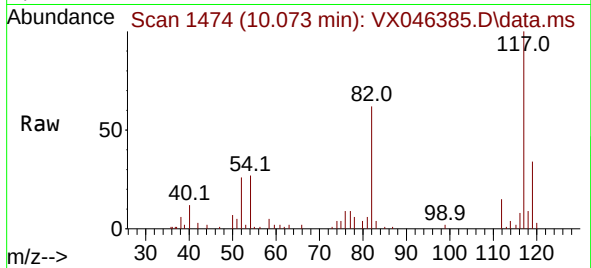
Tgt Ion:164 Resp: 469
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.6
129 99.4 83.5 125.3
131 106.2 76.5 114.7





#65
Chlorobenzene
Concen: 0.530 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

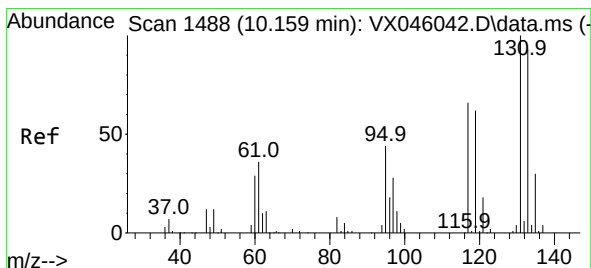
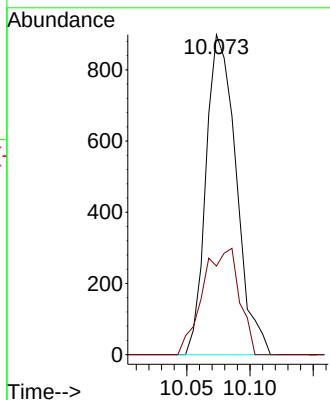
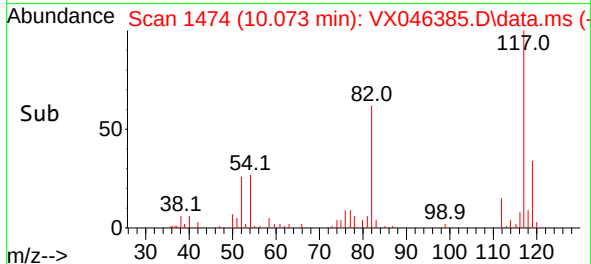
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:112 Resp: 1489
Ion Ratio Lower Upper
112 100
114 27.7 25.4 38.2

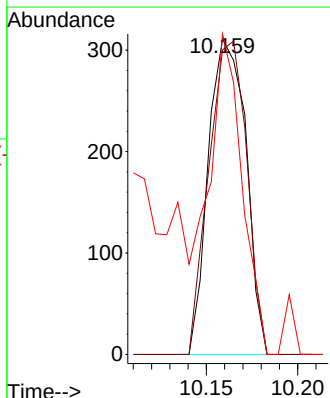
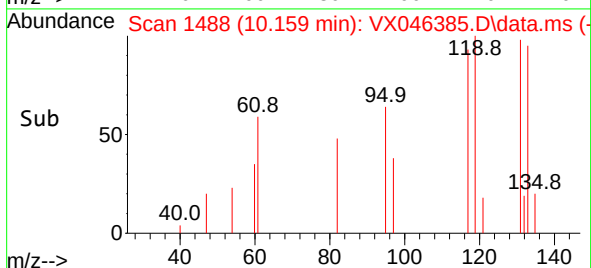
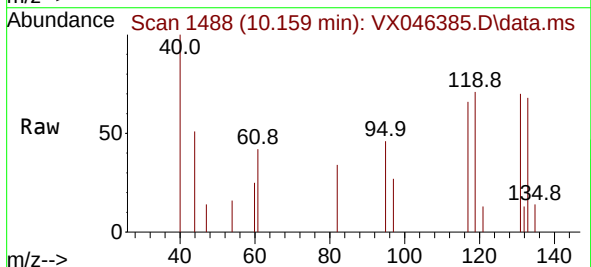
Manual Integrations
APPROVED

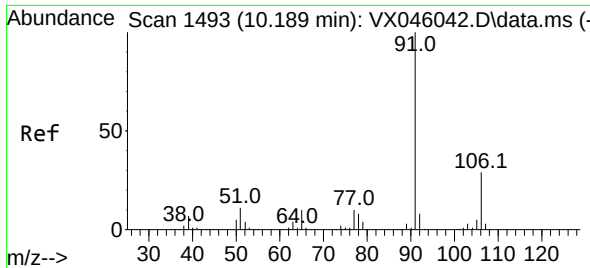
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.463 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:131 Resp: 444
Ion Ratio Lower Upper
131 100
133 100.0 47.3 141.9
119 0.0 31.6 95.0#





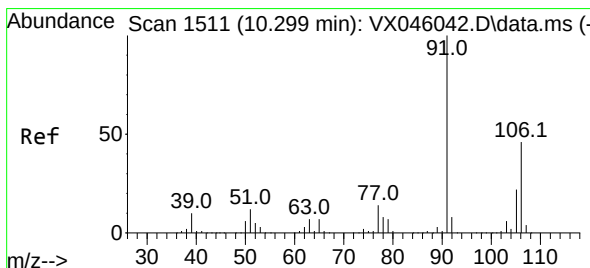
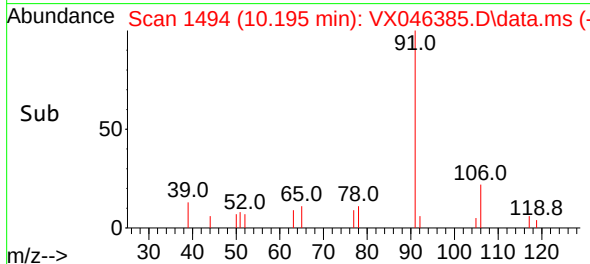
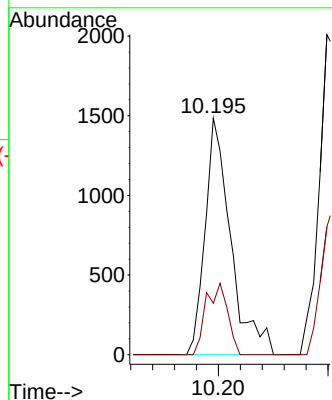
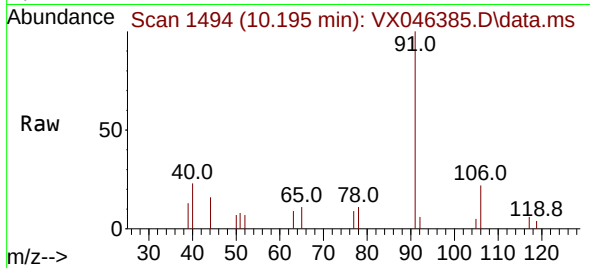
#67
Ethyl Benzene
Concen: 0.488 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 241
Ion Ratio Lower Upper
91 100
106 21.7 23.4 35.2

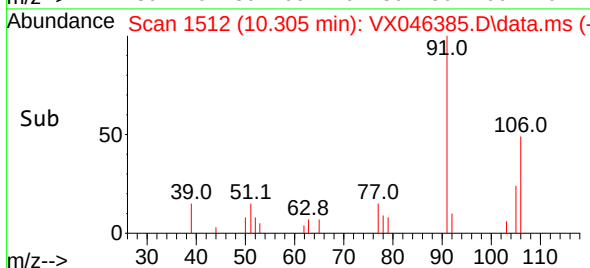
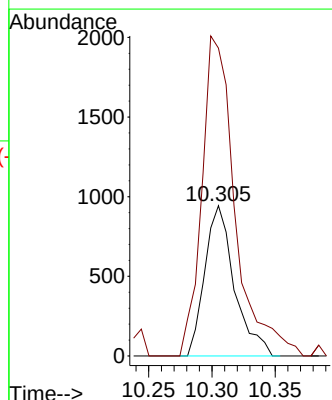
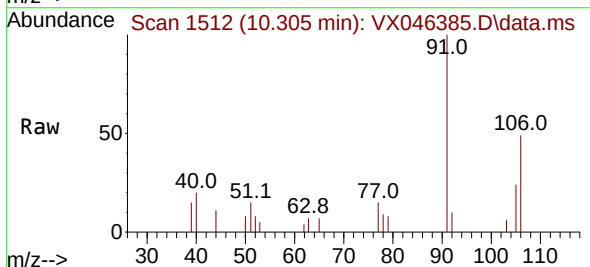
Manual Integrations
APPROVED

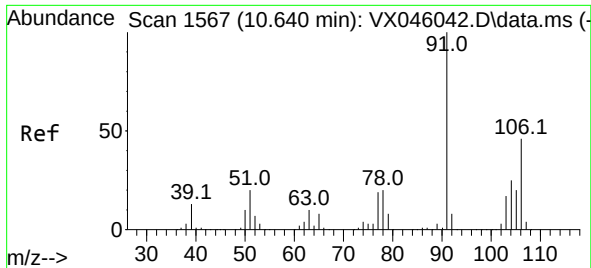
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 0.848 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:106 Resp: 1536
Ion Ratio Lower Upper
106 100
91 239.6 171.2 256.8





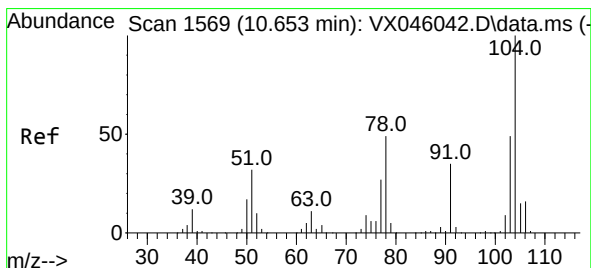
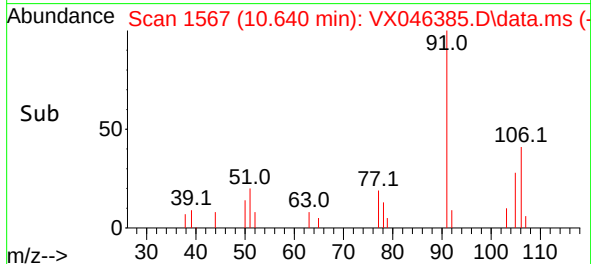
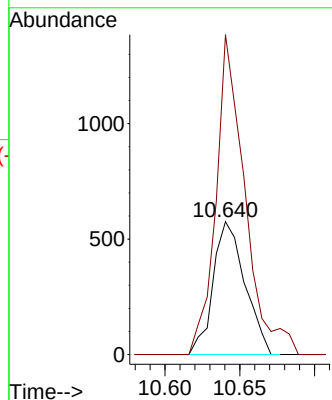
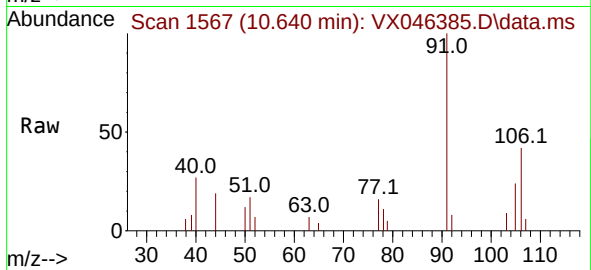
#69
o-Xylene
Concen: 0.482 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:106 Resp: 852
Ion Ratio Lower Upper
106 100
91 219.4 112.7 338.1

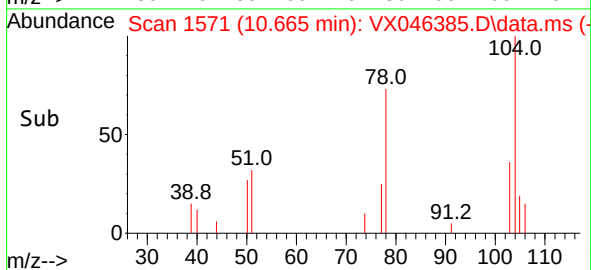
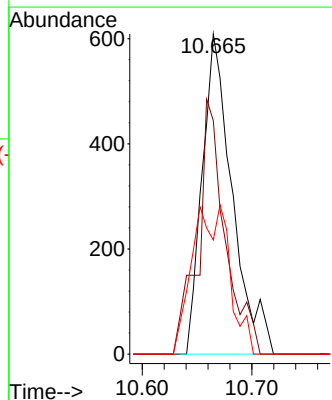
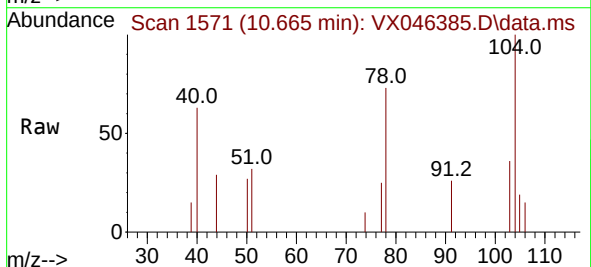
Manual Integrations
APPROVED

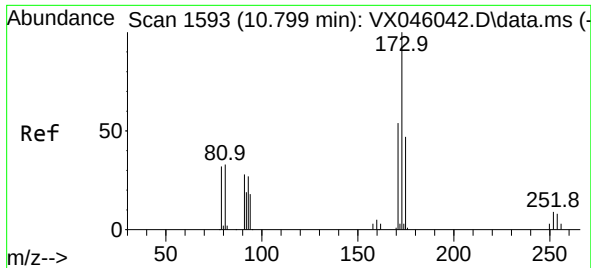
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 0.401 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

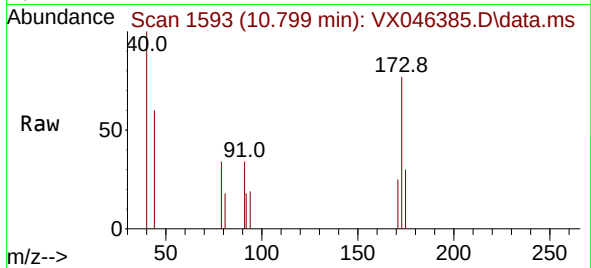
Tgt Ion:104 Resp: 1160
Ion Ratio Lower Upper
104 100
78 71.8 45.7 68.5#
103 58.0 43.7 65.5





#71
Bromoform
Concen: 0.439 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

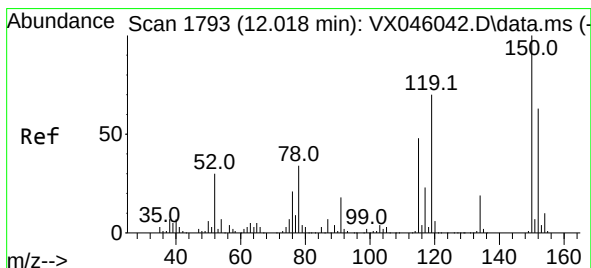
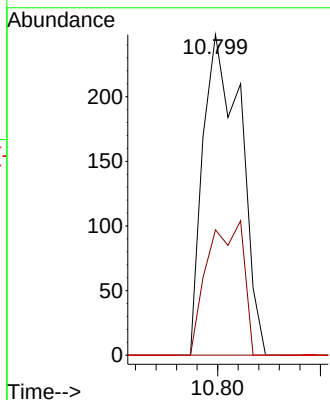
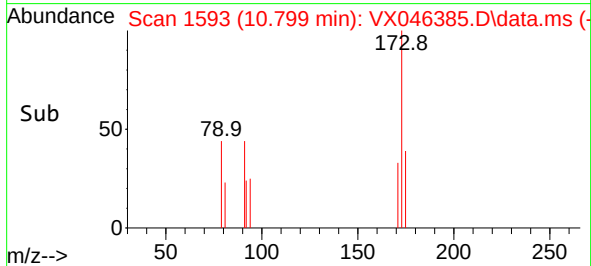
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:173 Resp: 310
Ion Ratio Lower Upper
173 100
175 40.2 23.4 70.0
254 0.0 0.0 0.0

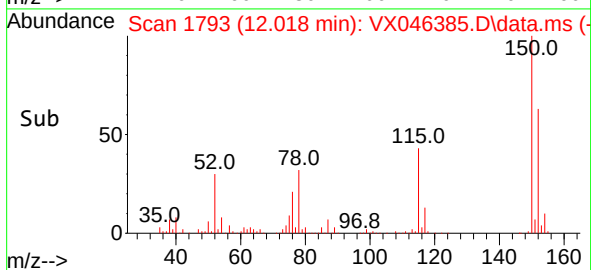
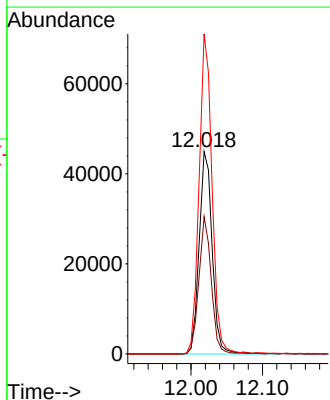
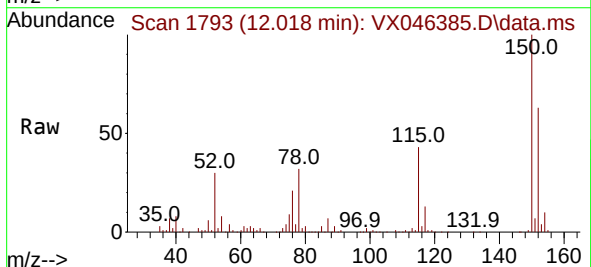
Manual Integrations
APPROVED

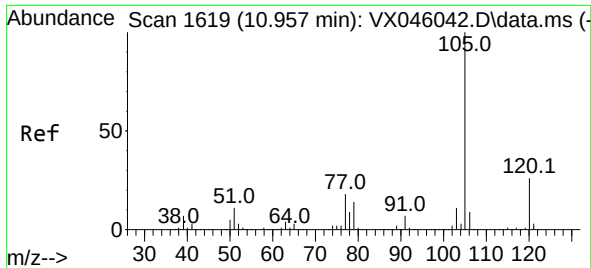
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:152 Resp: 56955
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 156.3 0.0 351.0





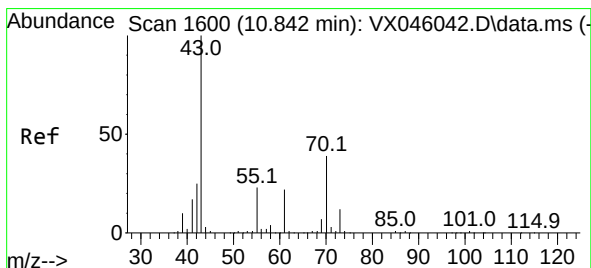
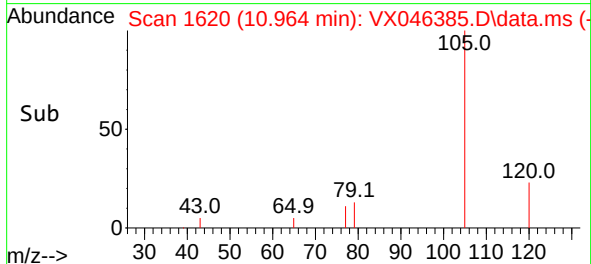
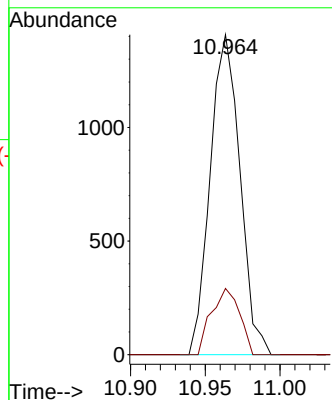
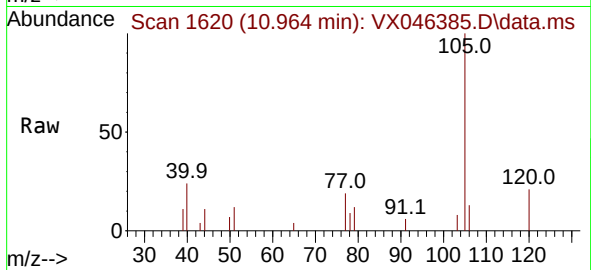
#73
Isopropylbenzene
Concen: 0.440 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 1950
Ion Ratio Lower Upper
105 100
120 19.6 12.8 38.4

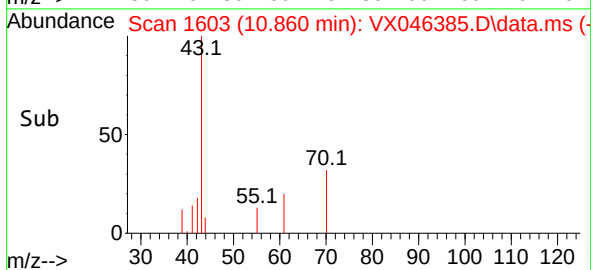
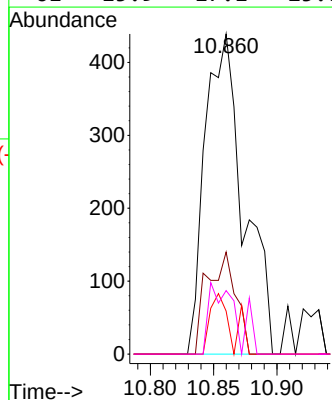
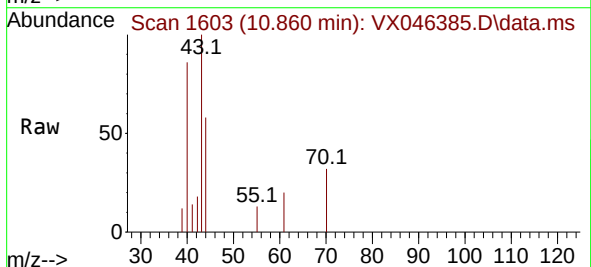
Manual Integrations
APPROVED

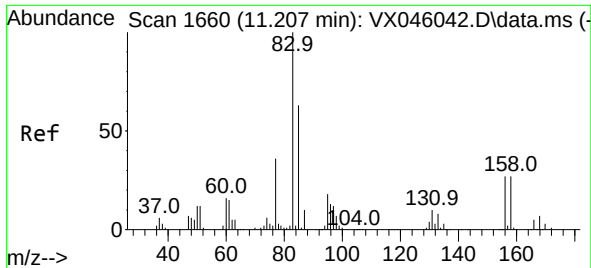
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 0.425 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

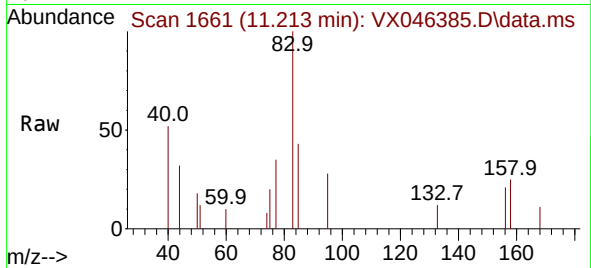
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
70 23.6 30.9 46.3#
55 8.1 18.7 28.1#
61 15.9 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.562 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

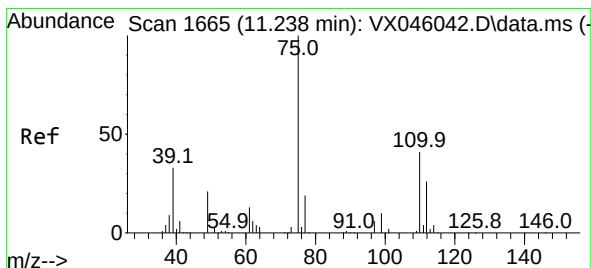
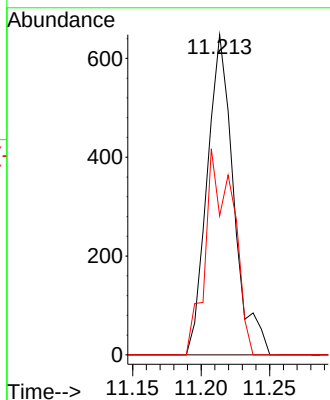
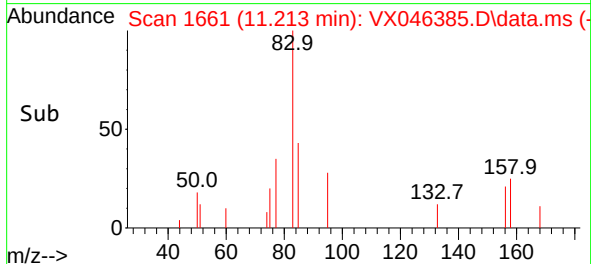
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



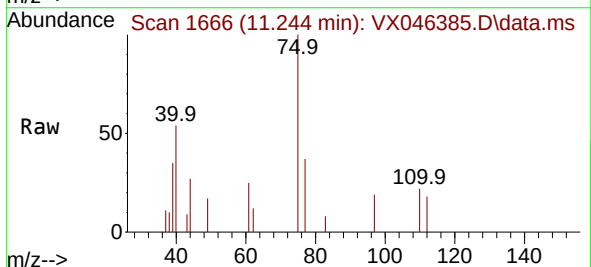
Tgt Ion: 83 Resp: 87
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9
85 67.7 31.9 95.7

Manual Integrations
APPROVED

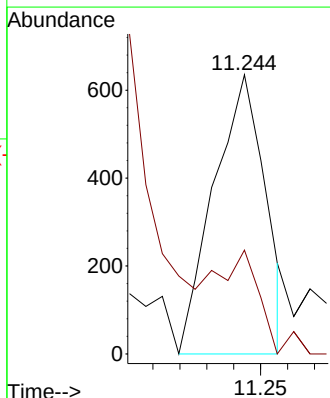
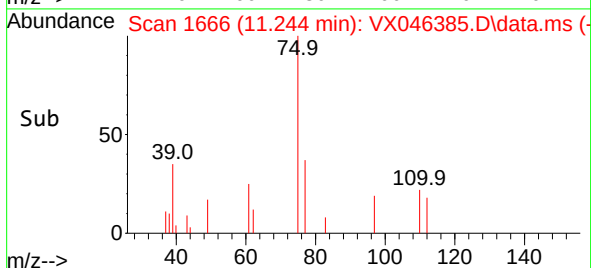
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

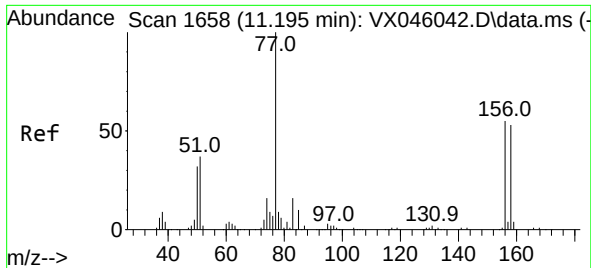


#76
1,2,3-Trichloropropane
Concen: 0.616 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



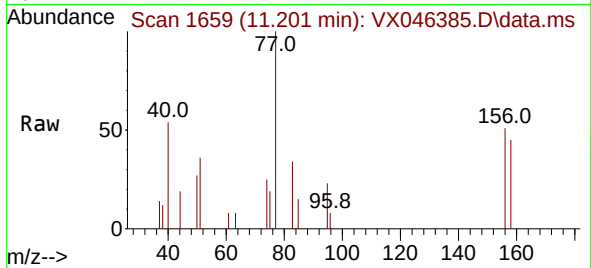
Tgt Ion: 75 Resp: 845
Ion Ratio Lower Upper
75 100
77 40.9 20.5 61.5





#77
Bromobenzene
Concen: 0.484 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

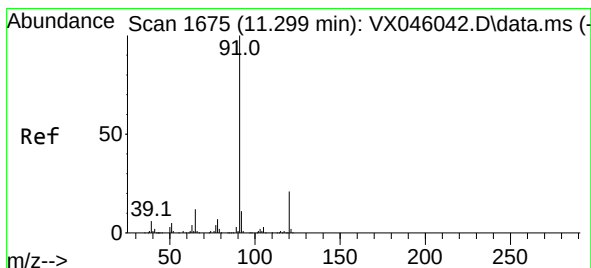
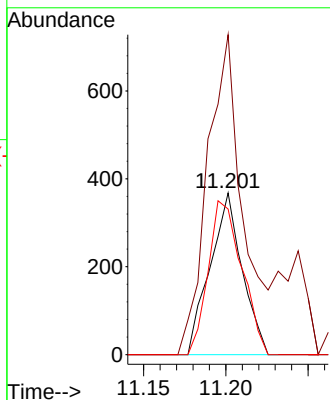
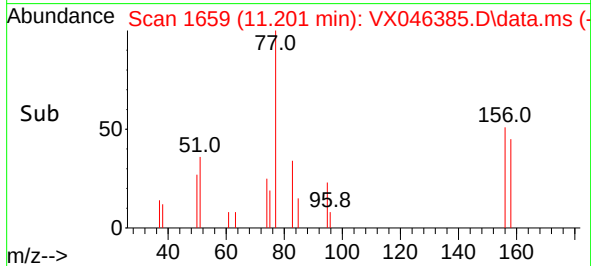
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 156 Resp: 498
Ion Ratio Lower Upper
156 100
77 218.1 92.8 278.3
158 99.8 48.8 146.3

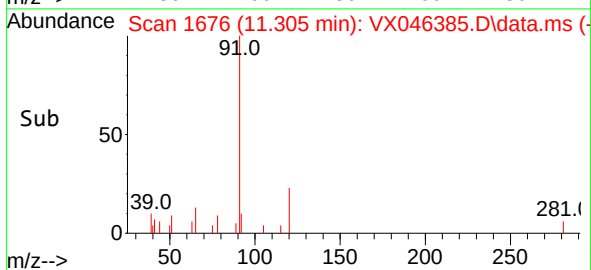
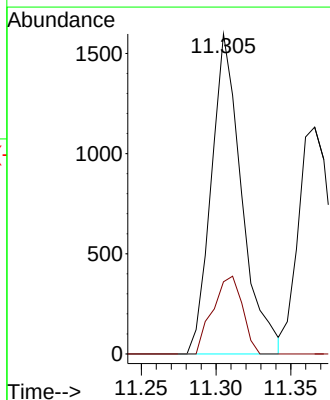
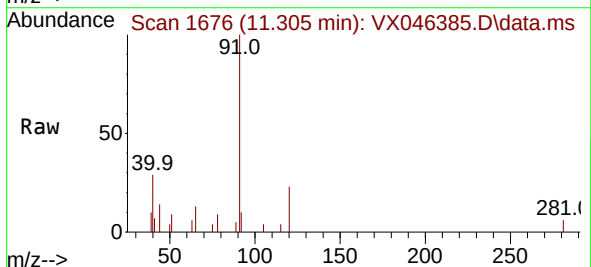
Manual Integrations
APPROVED

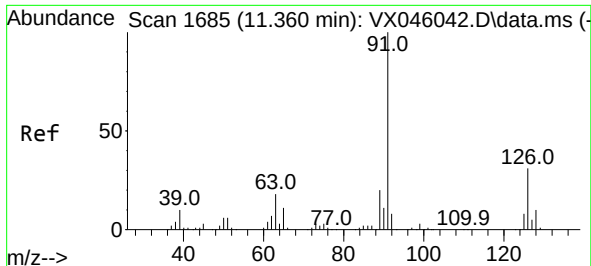
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 0.438 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion: 91 Resp: 2256
Ion Ratio Lower Upper
91 100
120 23.6 10.8 32.4





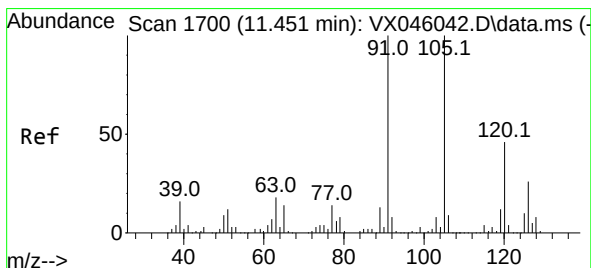
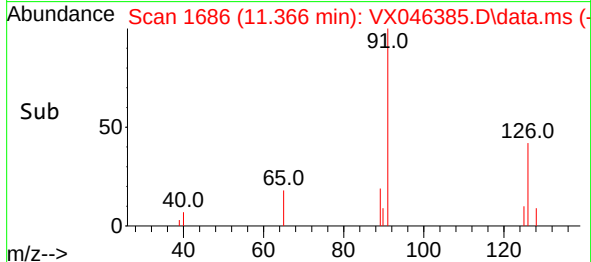
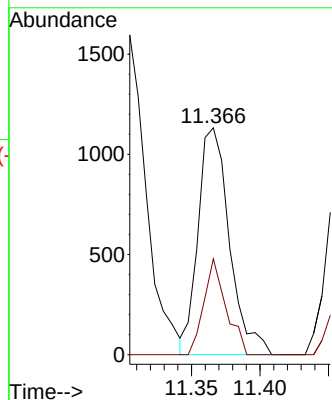
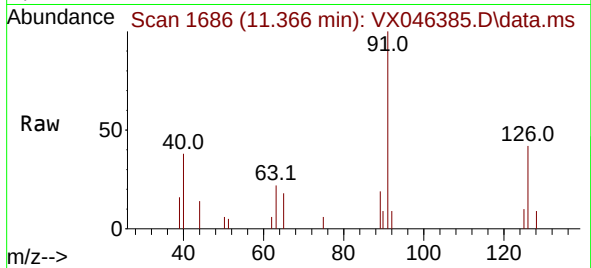
#79
2-Chlorotoluene
Concen: 0.543 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 180
Ion Ratio Lower Upper
91 100
126 29.9 15.6 46.7

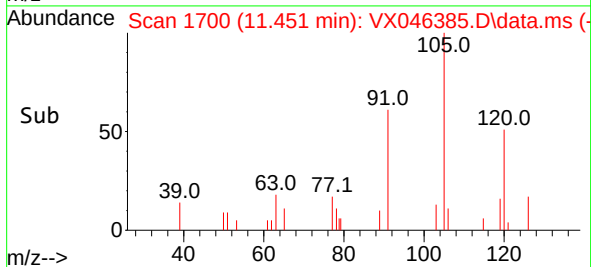
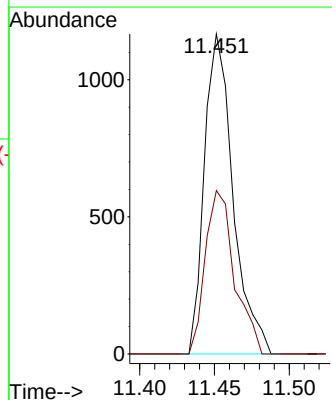
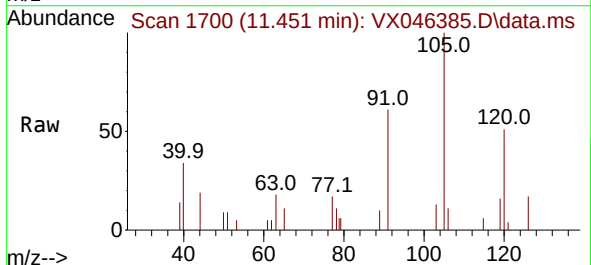
Manual Integrations
APPROVED

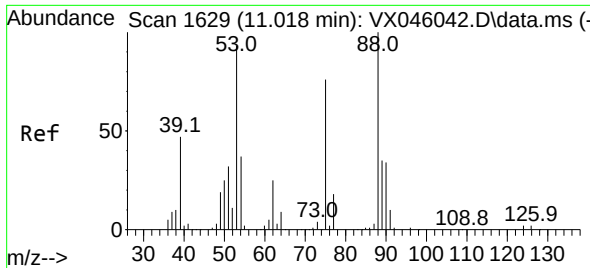
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:105 Resp: 1553
Ion Ratio Lower Upper
105 100
120 52.2 23.1 69.2





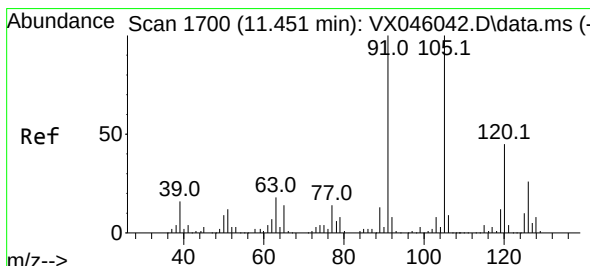
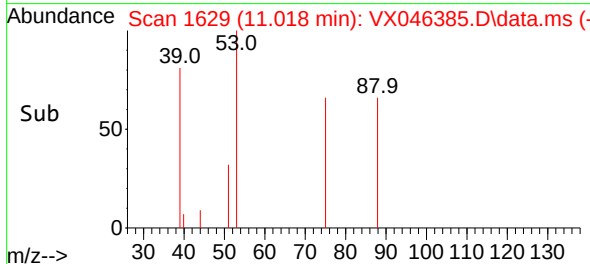
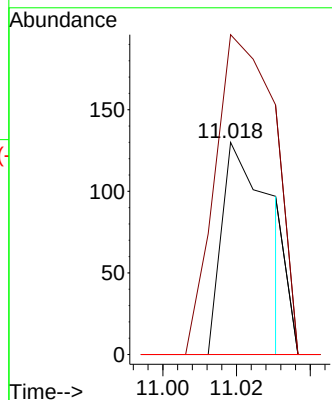
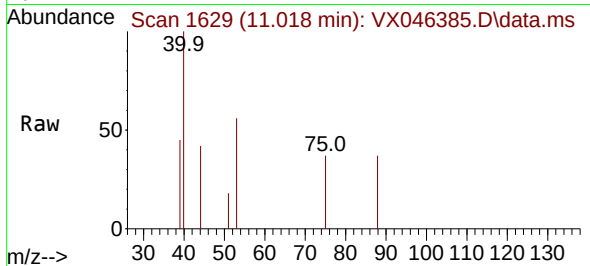
#81
trans-1,4-Dichloro-2-butene
Concen: 0.285 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 120
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7
89 0.0 37.0 55.6

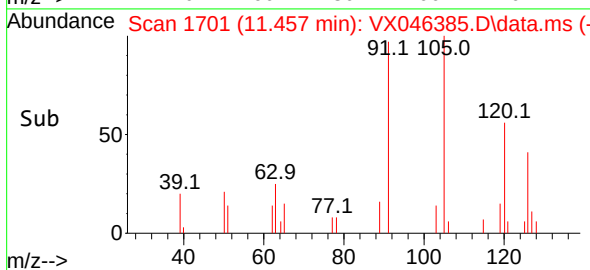
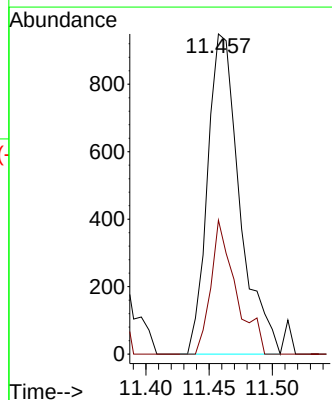
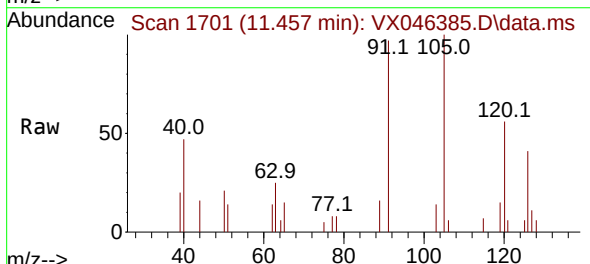
Manual Integrations
APPROVED

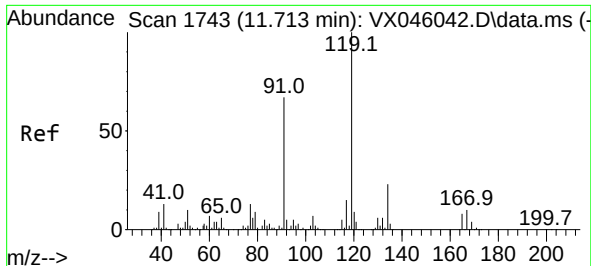
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 0.455 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

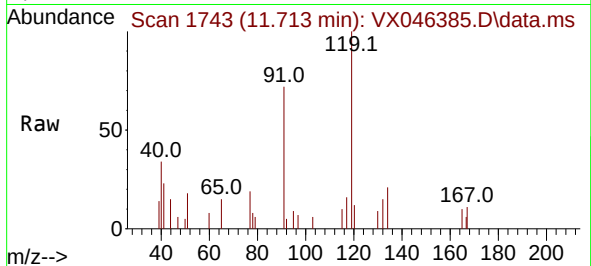
Tgt Ion: 91 Resp: 1679
Ion Ratio Lower Upper
91 100
126 32.5 13.3 39.8





#83
tert-Butylbenzene
Concen: 0.437 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

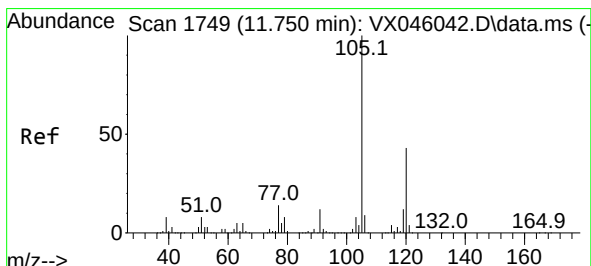
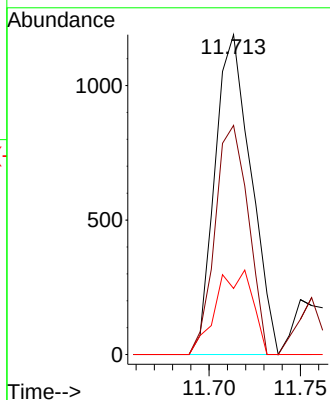
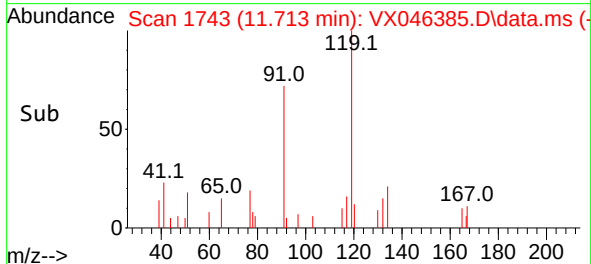
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



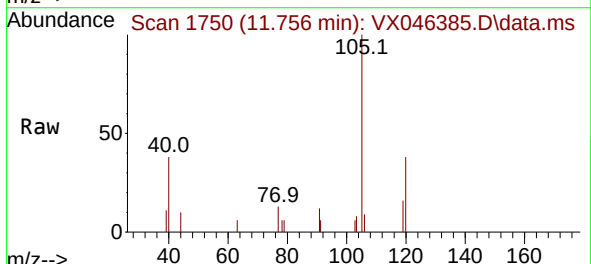
Tgt Ion:119 Resp: 1629
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.7
134 27.0 11.4 34.1

Manual Integrations
APPROVED

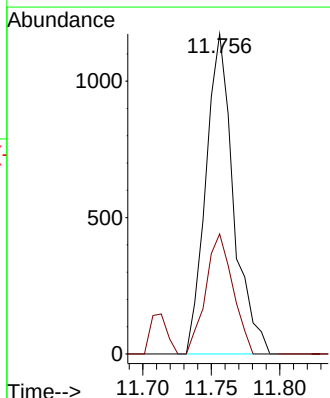
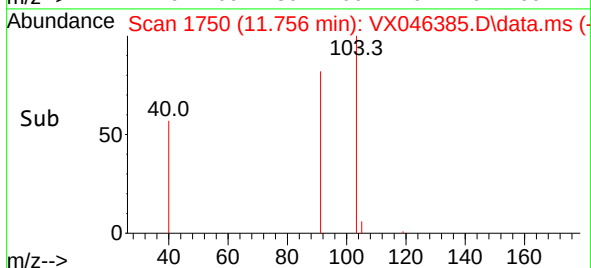
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

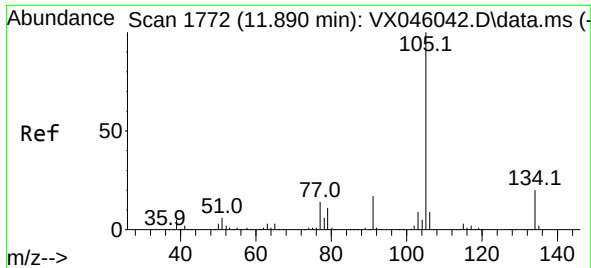


#84
1,2,4-Trimethylbenzene
Concen: 0.439 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



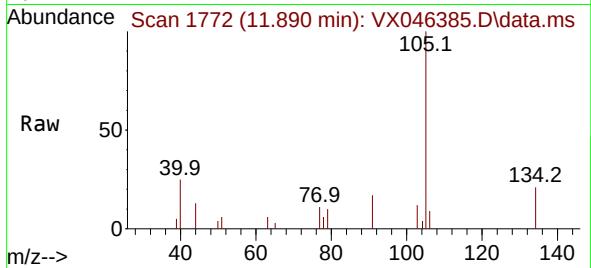
Tgt Ion:105 Resp: 1647
Ion Ratio Lower Upper
105 100
120 36.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.455 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24

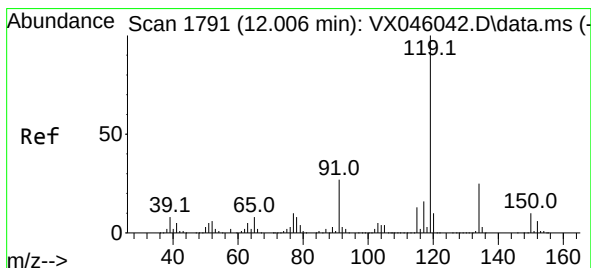
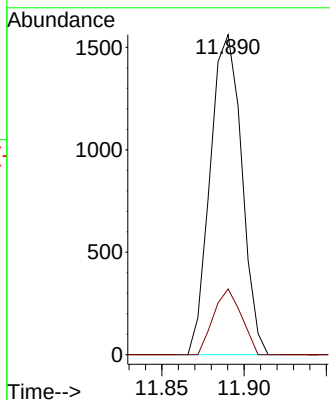
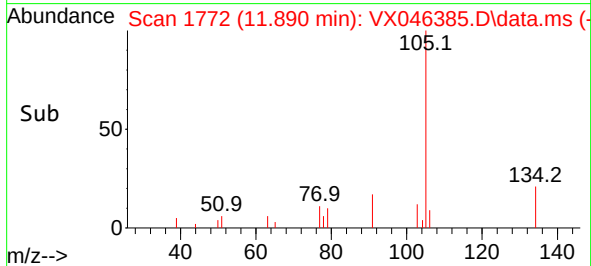
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



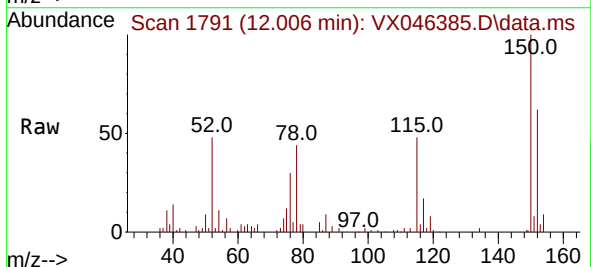
Tgt Ion:105 Resp: 2080
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.7 29.1

Manual Integrations
 APPROVED

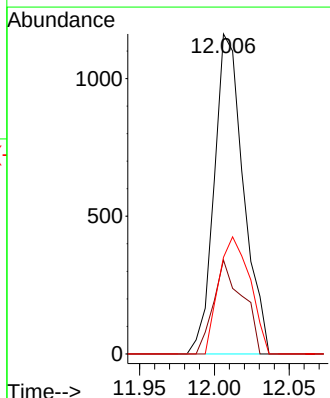
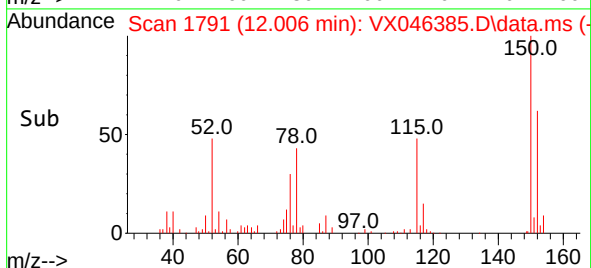
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

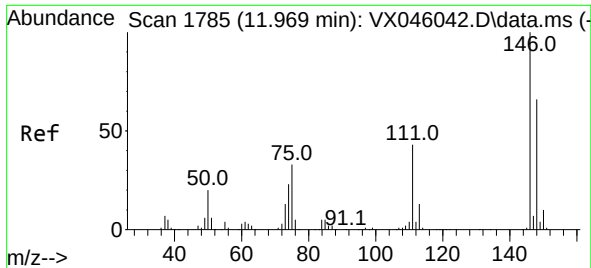


#86
 p-Isopropyltoluene
 Concen: 0.418 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24



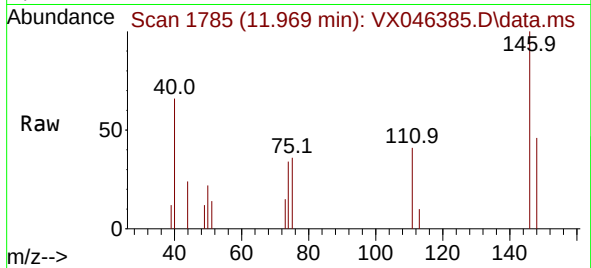
Tgt Ion:119 Resp: 1581
 Ion Ratio Lower Upper
 119 100
 134 28.9 12.5 37.5
 91 39.2 13.8 41.4





#87
 1,3-Dichlorobenzene
 Concen: 0.530 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24

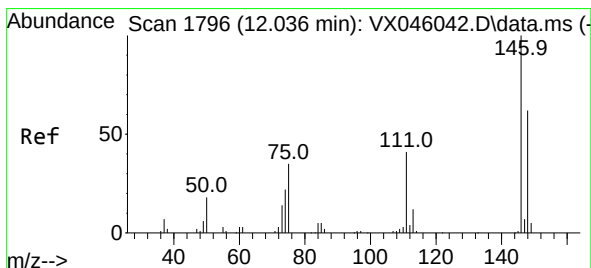
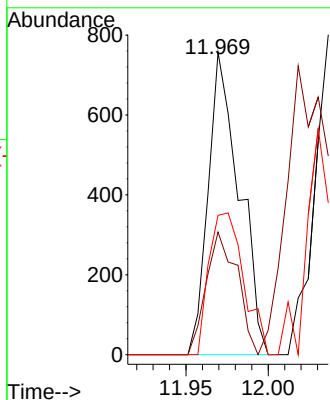
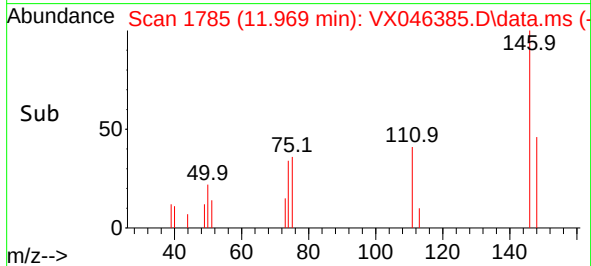
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



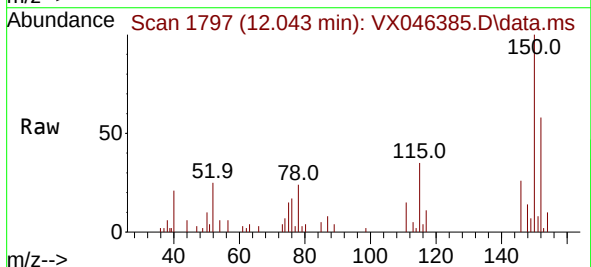
Tgt Ion:146 Resp: 999
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.1 66.3
 148 52.5 32.1 96.5

Manual Integrations
 APPROVED

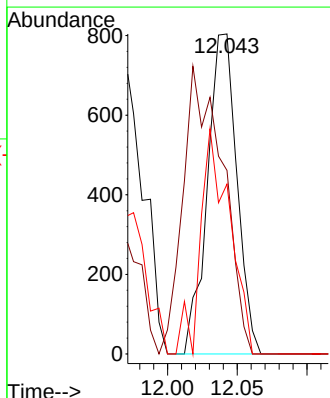
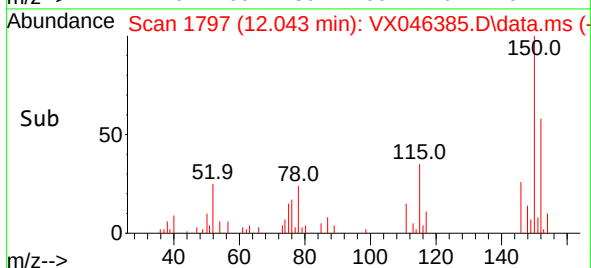
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

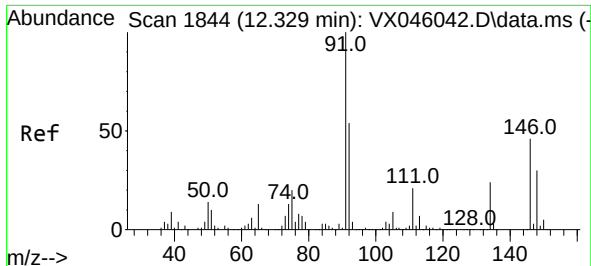


#88
 1,4-Dichlorobenzene
 Concen: 0.619 ug/l m
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX046385.D
 Acq: 28 May 2025 15:24



Tgt Ion:146 Resp: 1188
 Ion Ratio Lower Upper
 146 100
 111 33.8 21.3 63.9
 148 43.9 31.9 95.5





#89

n-Butylbenzene

Concen: 0.389 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

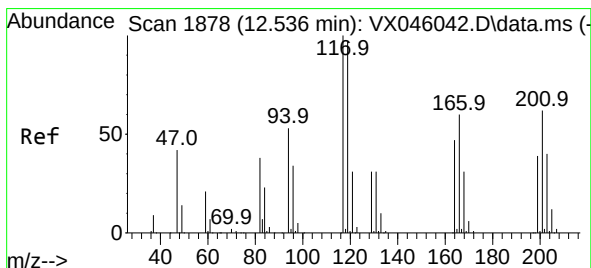
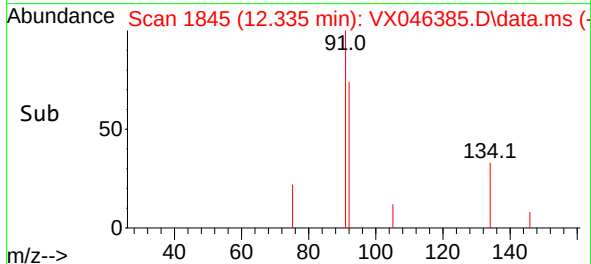
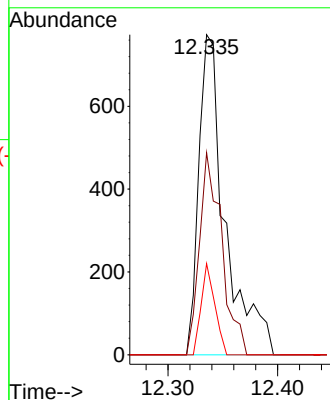
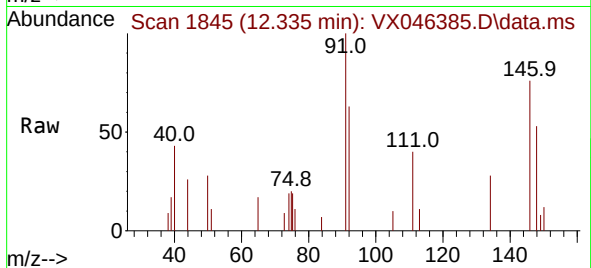
Tgt Ion: 91	Resp: 128
Ion Ratio	Lower Upper
91	100
92	53.5 26.9 80.7
134	14.7 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#90

Hexachloroethane

Concen: 0.497 ug/l

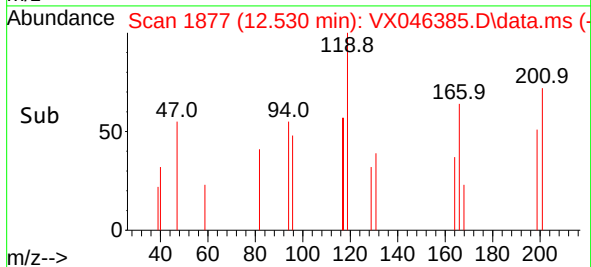
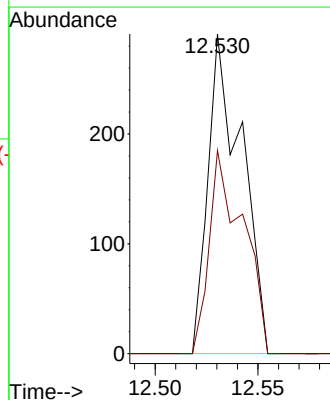
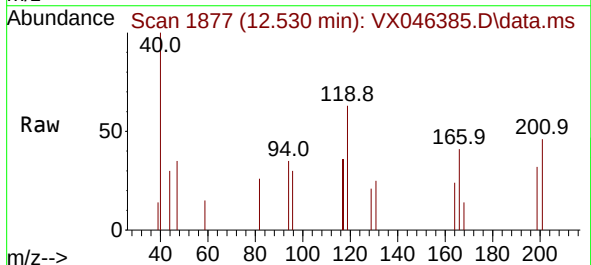
RT: 12.530 min Scan# 1877

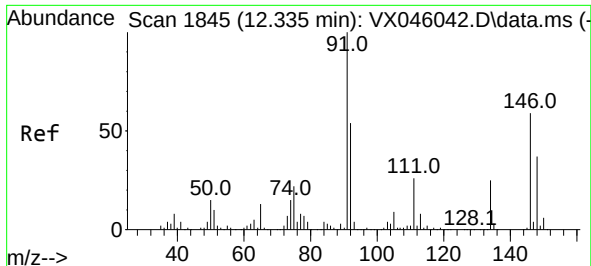
Delta R.T. -0.006 min

Lab File: VX046385.D

Acq: 28 May 2025 15:24

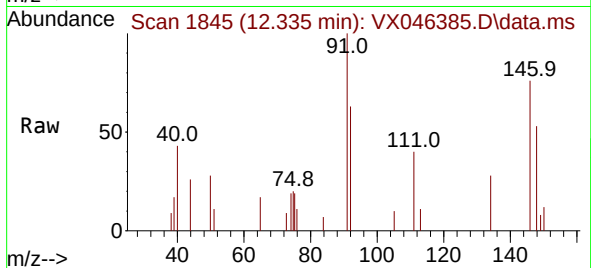
Tgt Ion: 117	Resp: 331
Ion Ratio	Lower Upper
117	100
201	63.7 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 0.507 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

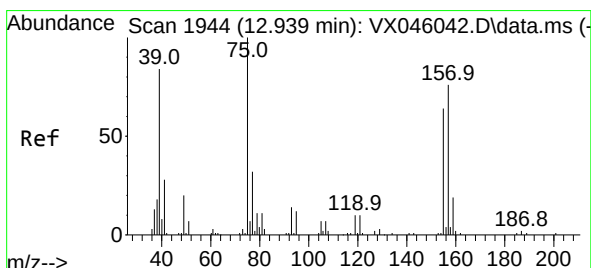
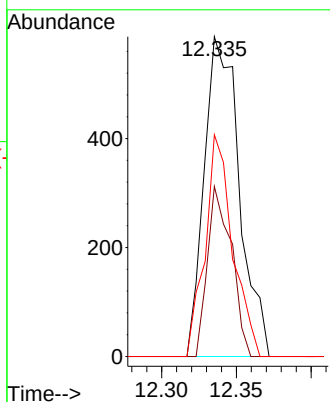
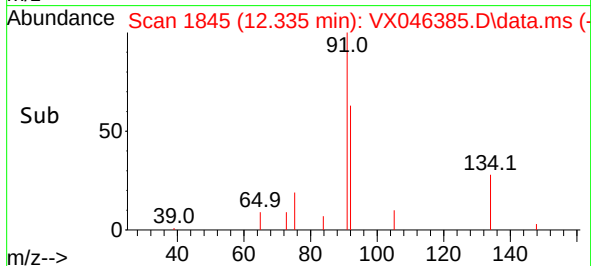
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



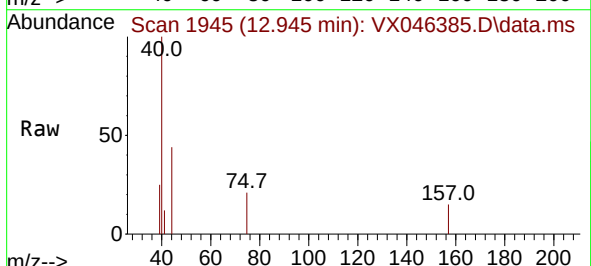
Tgt Ion:146 Resp: 950
Ion Ratio Lower Upper
146 100
111 36.3 22.4 67.3
148 54.5 31.6 94.8

Manual Integrations
APPROVED

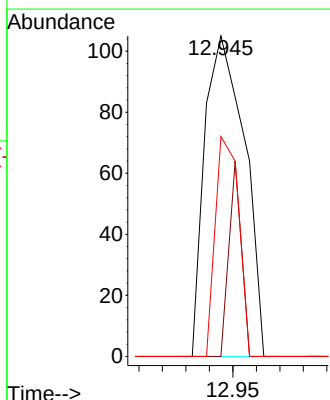
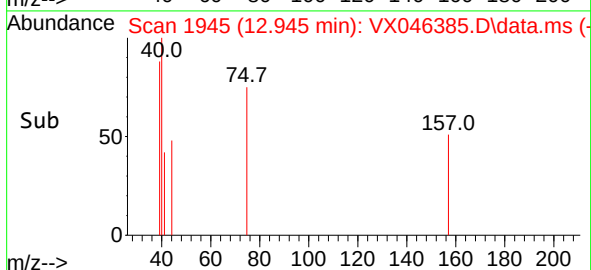
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

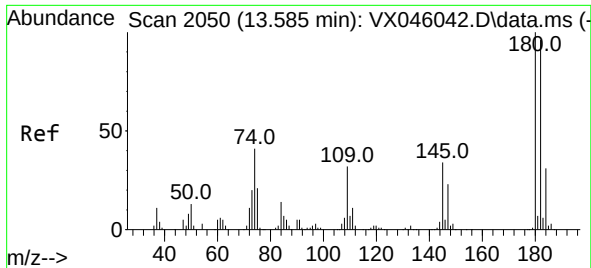


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.357 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



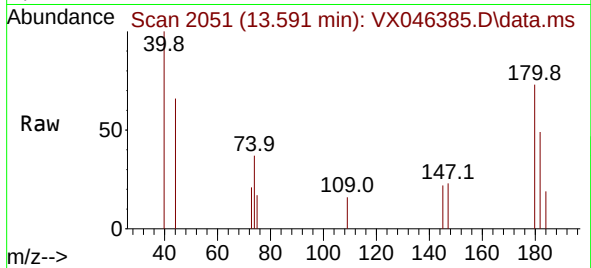
Tgt Ion: 75 Resp: 123
Ion Ratio Lower Upper
75 100
155 18.7 34.9 104.8#
157 40.7 43.8 131.4#





#93
1,2,4-Trichlorobenzene
Concen: 0.352 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

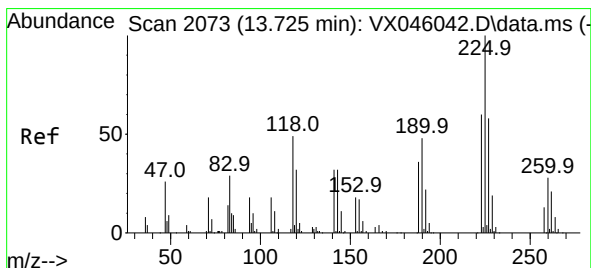
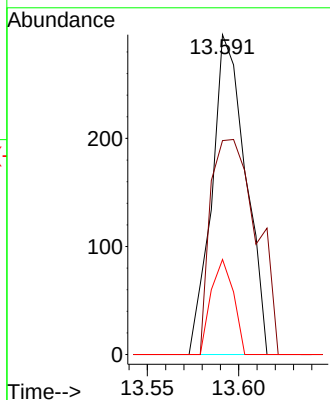
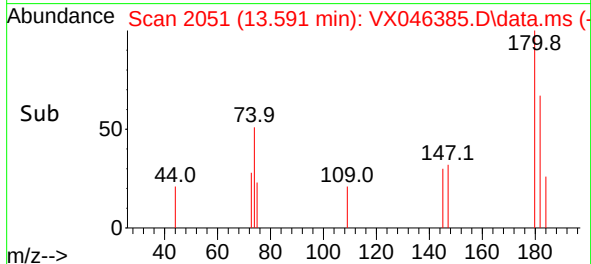
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



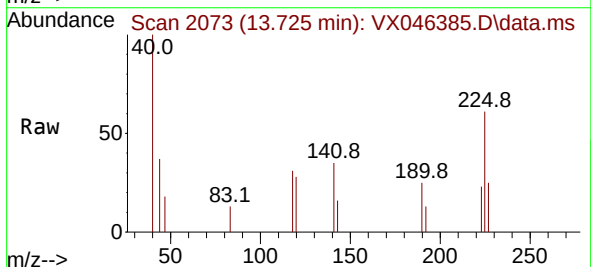
Tgt Ion:180 Resp: 38
Ion Ratio Lower Upper
180 100
182 90.8 47.9 143.8
145 19.7 17.1 51.2

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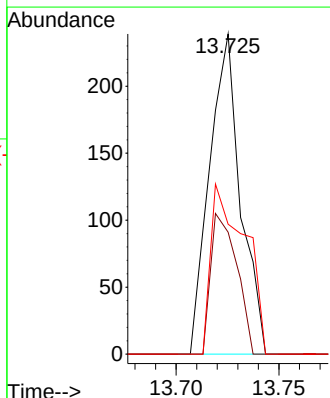
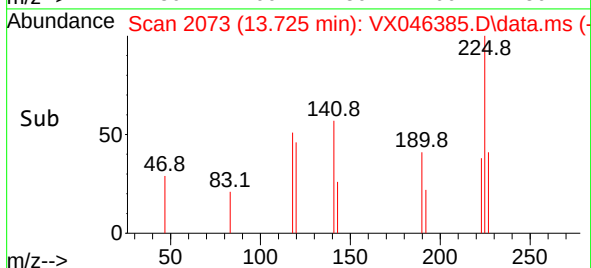
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

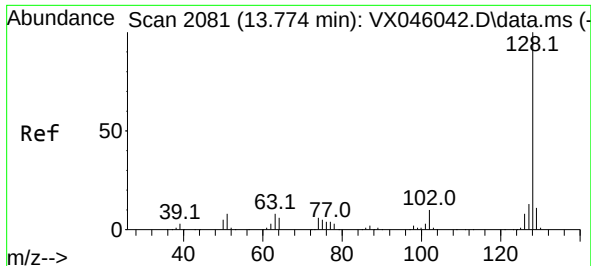


#94
Hexachlorobutadiene
Concen: 0.531 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24



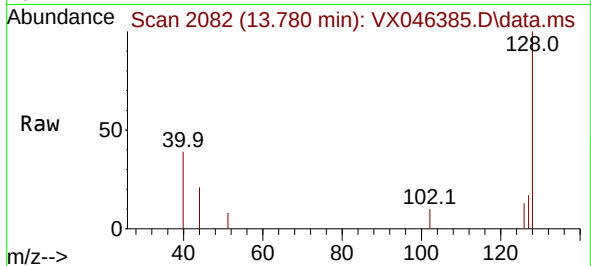
Tgt Ion:225 Resp: 251
Ion Ratio Lower Upper
225 100
223 36.7 30.8 92.4
227 58.6 30.9 92.7





#95
Naphthalene
Concen: 0.388 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

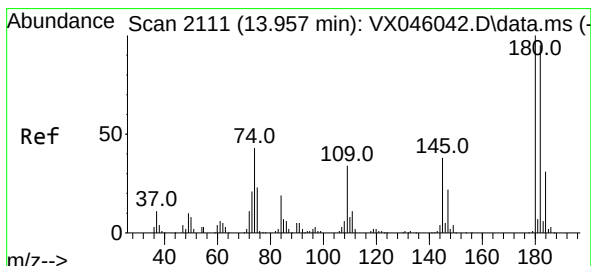
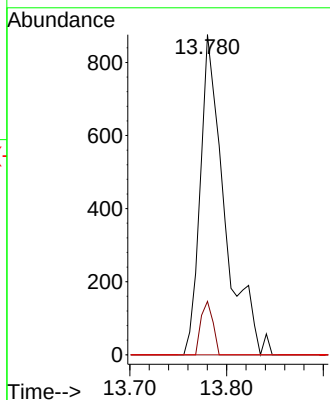
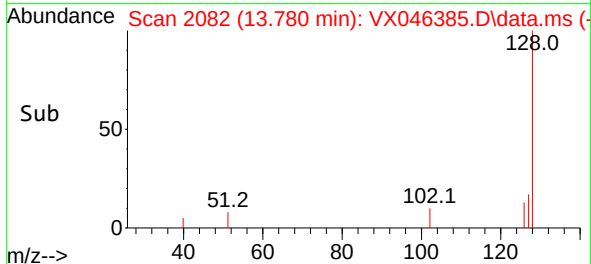
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 1540
Ion Ratio Lower Upper
128 100
127 8.1 10.4 15.6
129 0.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.455 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX046385.D
Acq: 28 May 2025 15:24

Tgt Ion:180 Resp: 508
Ion Ratio Lower Upper
180 100
182 84.6 47.8 143.3
145 30.1 18.1 54.3

