

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044973.D
 Acq On : 14 Feb 2025 19:43
 Operator : JC/MD
 Sample : Q1363-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 14 22:20:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73871	57.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.520%			
35) Dibromofluoromethane	5.379	113	58879	55.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.260%			
50) Toluene-d8	8.647	98	217960	54.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.920%			
62) 4-Bromofluorobenzene	11.079	95	79003	58.553	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74436	60.746	ug/l	96
3) Chloromethane	1.300	50	77975	52.284	ug/l	98
4) Vinyl Chloride	1.374	62	73439	50.829	ug/l	99
5) Bromomethane	1.599	94	32586	75.370	ug/l	98
6) Chloroethane	1.678	64	44072	99.801	ug/l	100
7) Trichlorofluoromethane	1.880	101	103614	56.708	ug/l	99
8) Diethyl Ether	2.130	74	37435	56.494	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	63368	57.401	ug/l	99
10) Methyl Iodide	2.447	142	79463	55.540	ug/l	97
11) Tert butyl alcohol	2.959	59	74598	314.419	ug/l	99
12) 1,1-Dichloroethene	2.312	96	59876	53.172	ug/l	92
13) Acrolein	2.233	56	73481	300.181	ug/l	99
14) Allyl chloride	2.660	41	112532	55.295	ug/l	98
15) Acrylonitrile	3.056	53	192489	303.865	ug/l	98
16) Acetone	2.373	43	163535	318.083	ug/l	93
17) Carbon Disulfide	2.507	76	156801	50.778	ug/l	99
18) Methyl Acetate	2.696	43	97164	59.889	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	201723	56.302	ug/l	100
20) Methylene Chloride	2.788	84	69398	55.108	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	60987	55.027	ug/l	92
22) Diisopropyl ether	3.757	45	223934	58.161	ug/l	98
23) Vinyl Acetate	3.715	43	892983	284.488	ug/l	99
24) 1,1-Dichloroethane	3.605	63	120285	55.834	ug/l	98
25) 2-Butanone	4.550	43	270400	323.891	ug/l	96
26) 2,2-Dichloropropane	4.464	77	82392	48.226	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	77639	58.319	ug/l	99
28) Bromochloromethane	4.891	49	61171	59.084	ug/l	99
29) Tetrahydrofuran	4.995	42	173649	313.243	ug/l	99
30) Chloroform	5.086	83	120017	57.445	ug/l	99
31) Cyclohexane	5.464	56	104280	52.505	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	101477	57.263	ug/l	99
36) 1,1-Dichloropropene	5.690	75	82390	53.955	ug/l	99
37) Ethyl Acetate	4.708	43	97704	57.524	ug/l	99
38) Carbon Tetrachloride	5.672	117	82986	55.457	ug/l	99
39) Methylcyclohexane	7.372	83	105123	53.249	ug/l	96
40) Benzene	6.031	78	261188	54.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	56683	62.348	ug/l	99
42) 1,2-Dichloroethane	6.080	62	90137	59.313	ug/l	98
43) Isopropyl Acetate	6.336	43	160008	58.338	ug/l	98
44) Trichloroethene	7.116	130	67738	62.151	ug/l	98
45) 1,2-Dichloropropane	7.427	63	66755	56.273	ug/l	99
46) Dibromomethane	7.574	93	47222	57.401	ug/l	100
47) Bromodichloromethane	7.818	83	93568	58.739	ug/l	99
48) Methyl methacrylate	7.689	41	80029	61.882	ug/l	96
49) 1,4-Dioxane	7.653	88	37192	1340.417	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	536092	321.504	ug/l	98
52) Toluene	8.714	92	158915	55.961	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	91140	56.539	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	100309	55.811	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	63500	58.170	ug/l	99
56) Ethyl methacrylate	9.116	69	104351	59.186	ug/l	97
57) 1,3-Dichloropropane	9.305	76	109859	57.517	ug/l	100
59) 2-Hexanone	9.427	43	399403	332.444	ug/l	97
60) Dibromochloromethane	9.518	129	69860	59.839	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63977	57.823	ug/l	100
64) Tetrachloroethene	9.268	164	51544	54.768	ug/l	99
65) Chlorobenzene	10.073	112	173180	54.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56795	55.050	ug/l	99
67) Ethyl Benzene	10.189	91	306477	54.182	ug/l	99
68) m/p-Xylenes	10.299	106	226392	108.501	ug/l	99
69) o-Xylene	10.640	106	109398	52.252	ug/l	97
70) Styrene	10.652	104	190870	56.585	ug/l	99
71) Bromoform	10.799	173	44049	57.210	ug/l #	99
73) Isopropylbenzene	10.957	105	288563	50.109	ug/l	99
74) N-amyl acetate	10.841	43	137060	52.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	101793	51.440	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83163m	52.446	ug/l	
77) Bromobenzene	11.195	156	67307	51.553	ug/l	97
78) n-propylbenzene	11.299	91	343093	51.617	ug/l	99
79) 2-Chlorotoluene	11.360	91	202917	49.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236833	50.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28263	45.849	ug/l	91
82) 4-Chlorotoluene	11.451	91	230524	51.006	ug/l	99
83) tert-Butylbenzene	11.713	119	241761	51.139	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	240466	52.135	ug/l	99
85) sec-Butylbenzene	11.890	105	303826	51.899	ug/l	99
86) p-Isopropyltoluene	12.006	119	250075	53.120	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123323	51.365	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	125500	51.699	ug/l	99
89) n-Butylbenzene	12.329	91	235160	56.462	ug/l	99
90) Hexachloroethane	12.536	117	44277	50.229	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	123702	52.424	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20415	56.526	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	77977	54.612	ug/l	99
94) Hexachlorobutadiene	13.725	225	29695	52.388	ug/l	99
95) Naphthalene	13.774	128	287168	55.637	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78904	54.842	ug/l	98

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

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

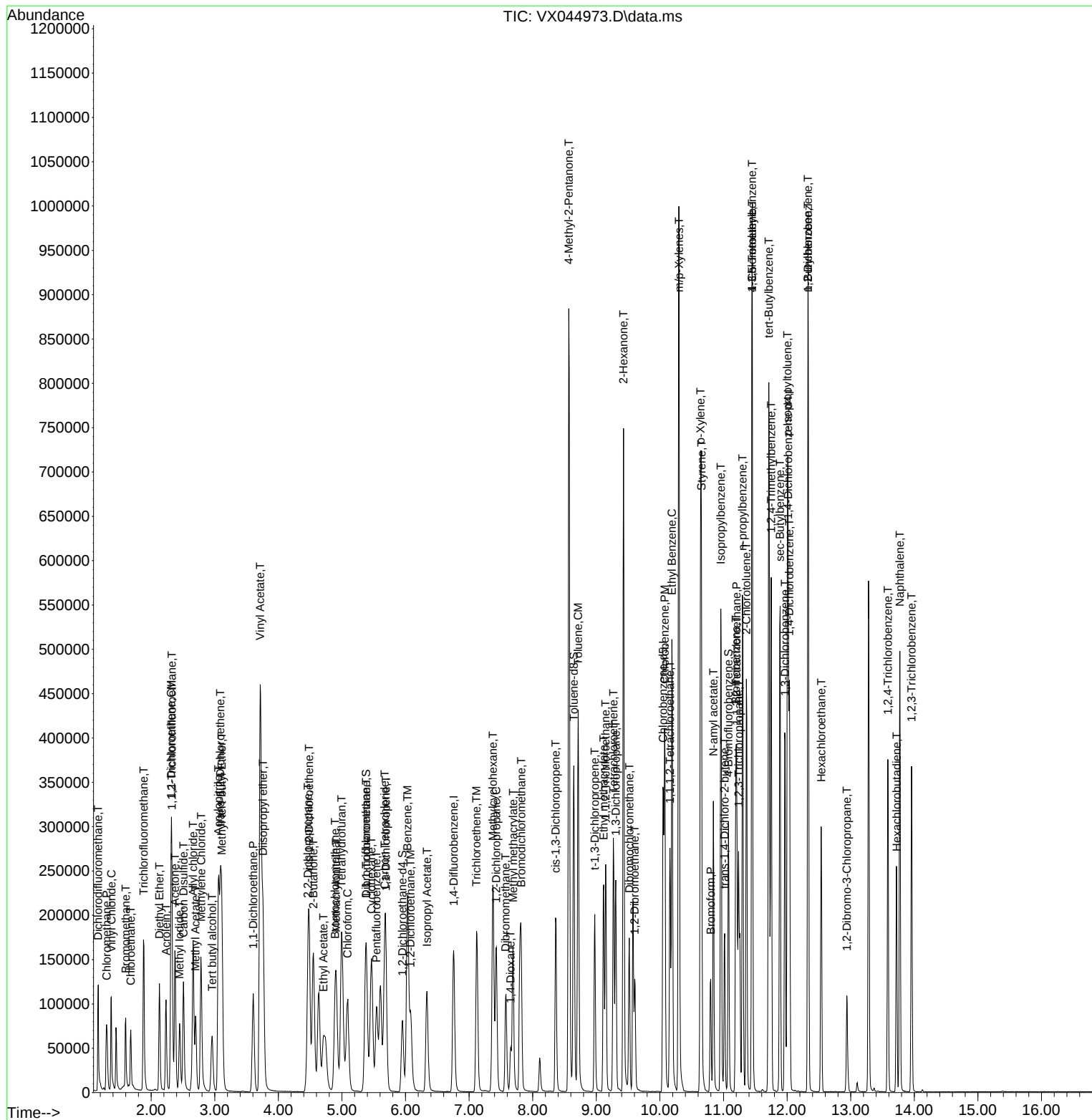
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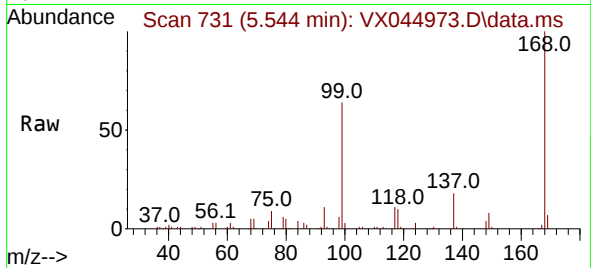
Reviewed By : John Carlone 02/18/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044973.D
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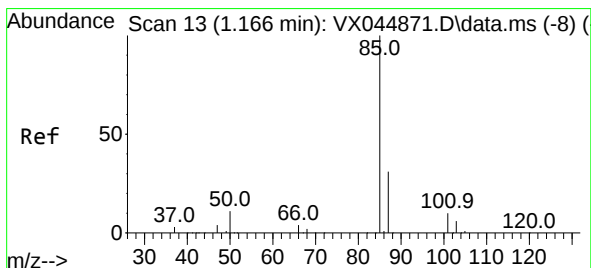
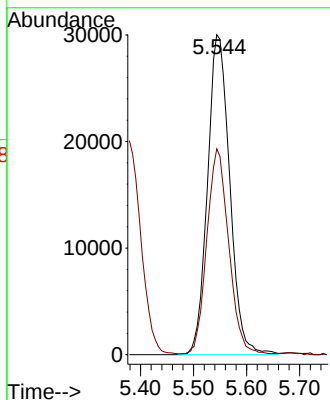
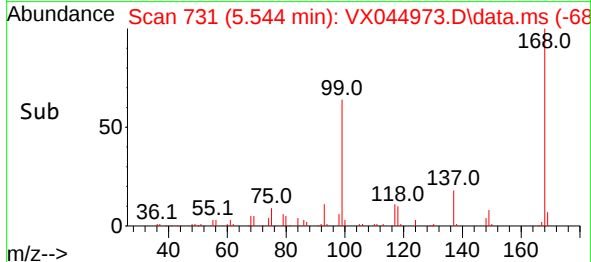
Instrument :
MSVOA_X
ClientSampleId :
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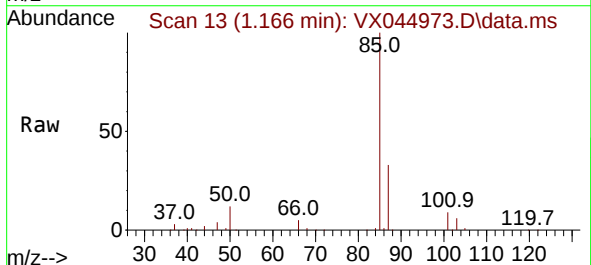
Tgt Ion:168 Resp: 8736
Ion Ratio Lower Upper
168 100
99 64.1 51.2 76.8

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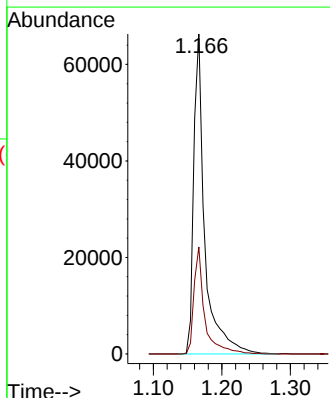
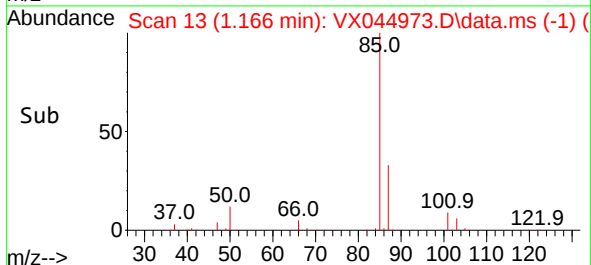
Reviewed By :John Carlone 02/18/2025
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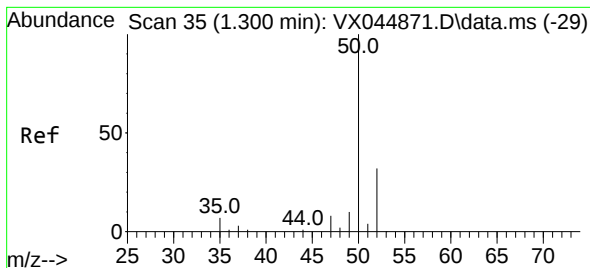


#2
Dichlorodifluoromethane
Concen: 60.746 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



Tgt Ion: 85 Resp: 74436
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.3





#3

Chloromethane

Concen: 52.284 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD

Tgt Ion: 50 Resp: 77975

Ion Ratio Lower Upper

50 100

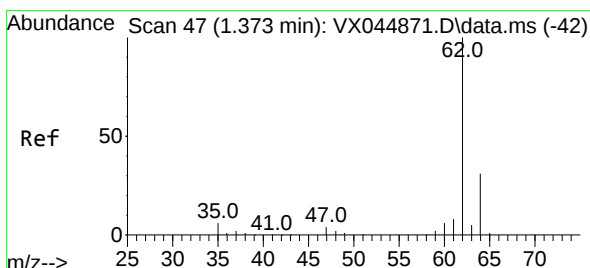
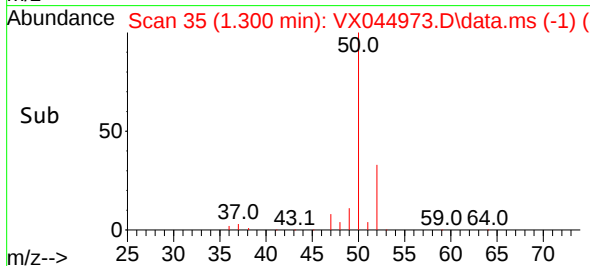
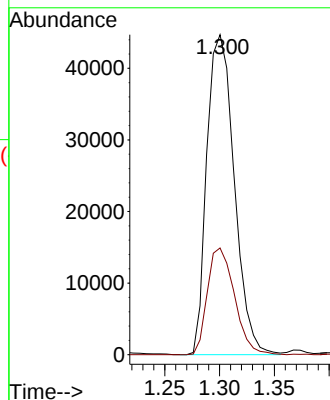
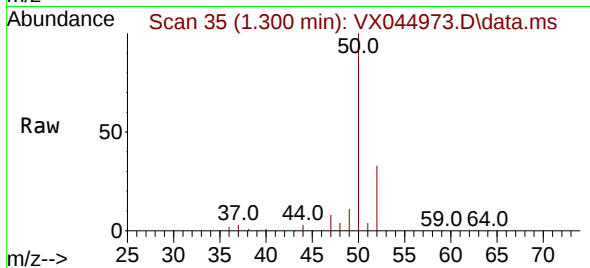
52 33.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.829 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044973.D

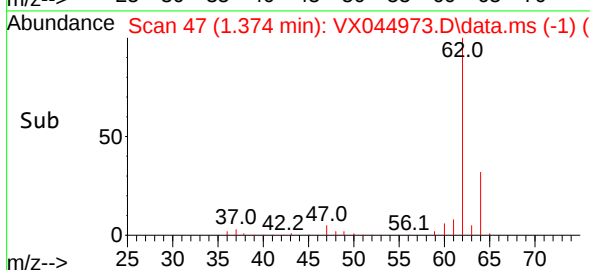
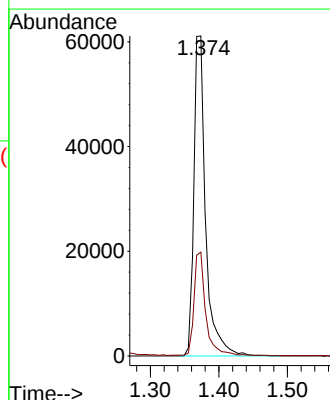
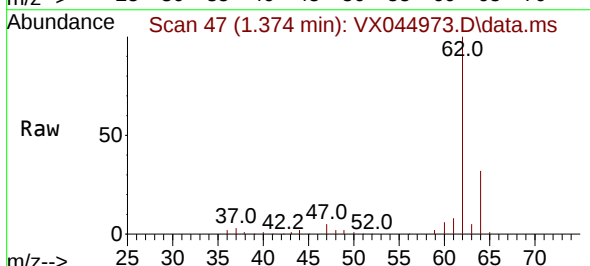
Acq: 14 Feb 2025 19:43

Tgt Ion: 62 Resp: 73439

Ion Ratio Lower Upper

62 100

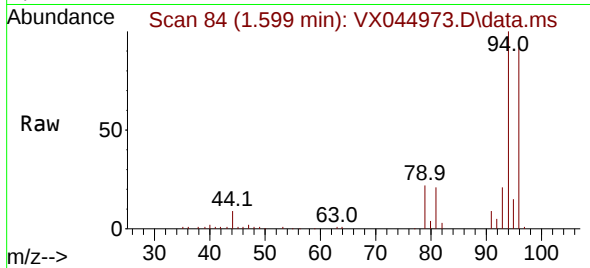
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 75.370 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

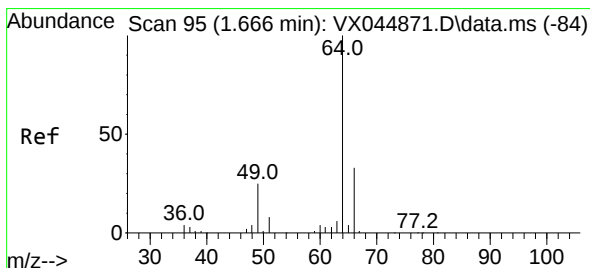
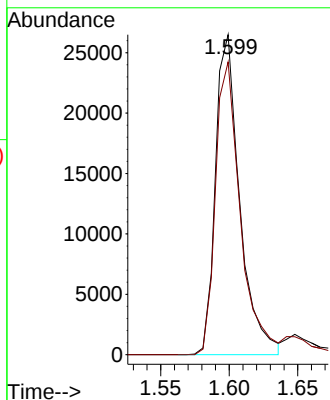
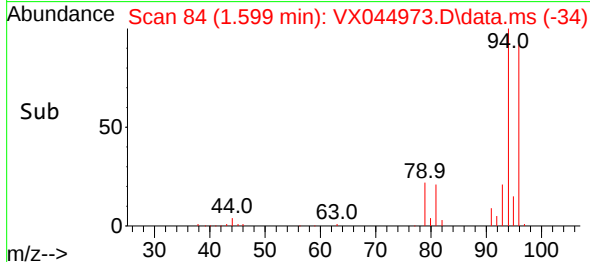
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Tgt Ion: 94 Resp: 32580
Ion Ratio Lower Upper
94 100
96 91.5 71.6 107.4

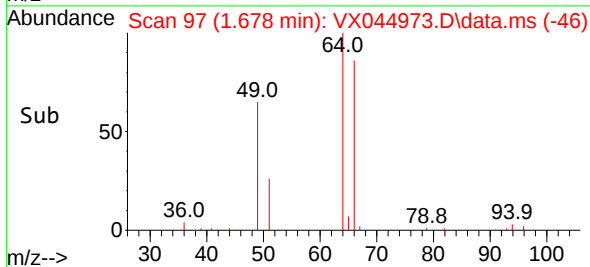
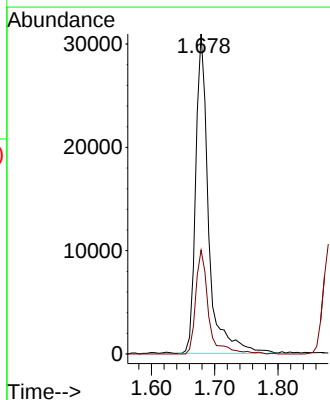
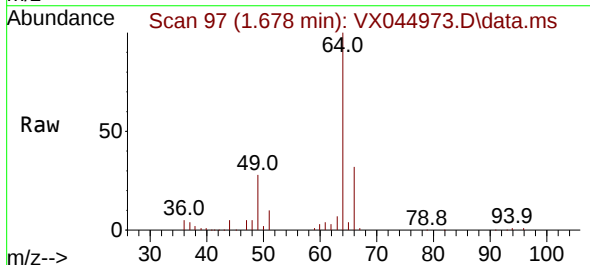
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#6
Chloroethane
Concen: 99.801 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 64 Resp: 44072
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9





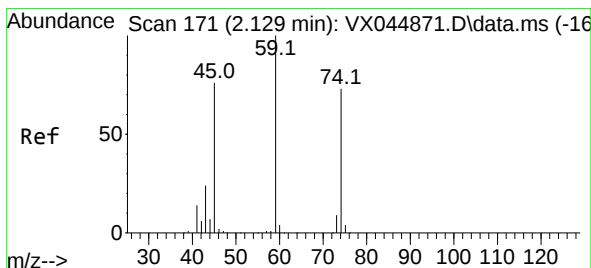
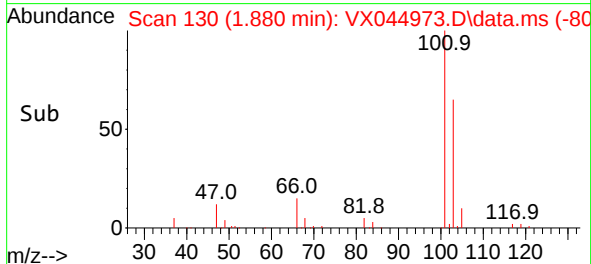
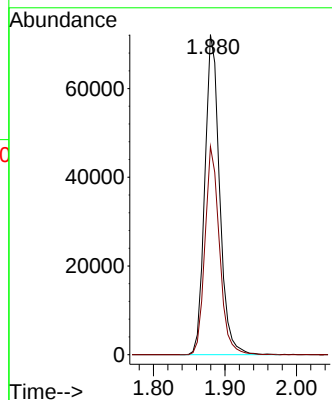
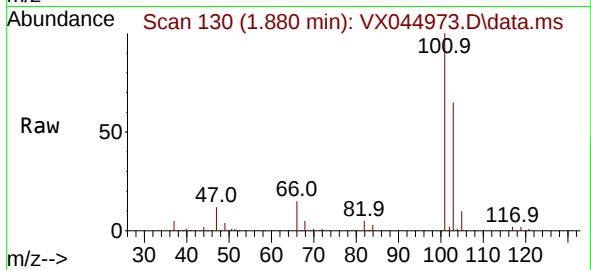
#7
Trichlorofluoromethane
Concen: 56.708 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion:101 Resp: 103614
Ion Ratio Lower Upper
101 100
103 65.1 52.4 78.6

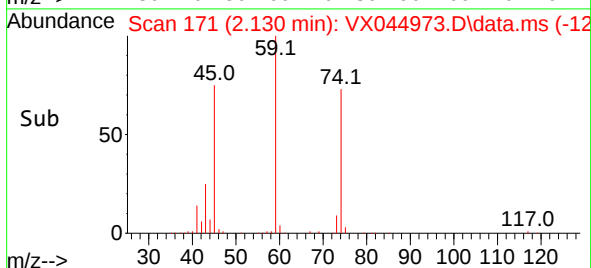
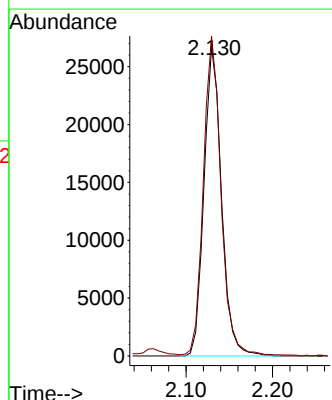
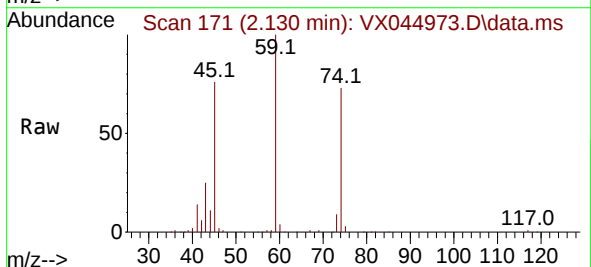
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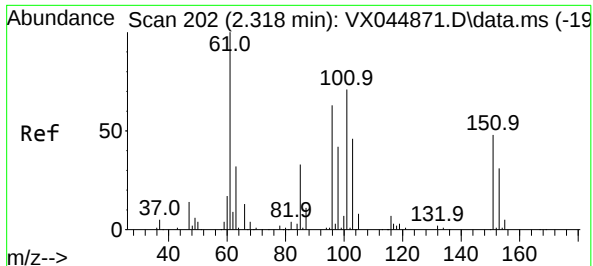
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#8
Diethyl Ether
Concen: 56.494 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044973.D
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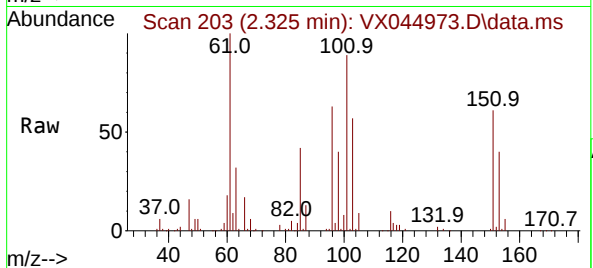
Tgt Ion: 74 Resp: 37435
Ion Ratio Lower Upper
74 100
45 105.1 51.1 153.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.401 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

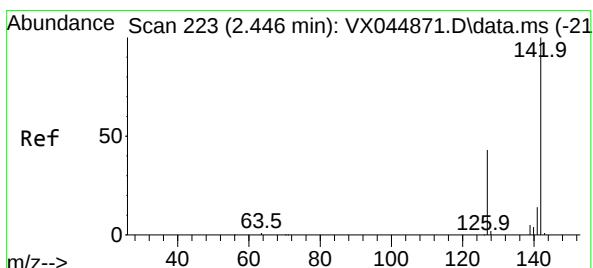
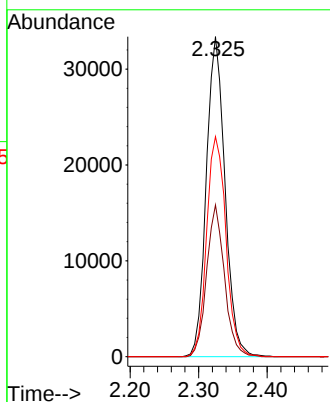
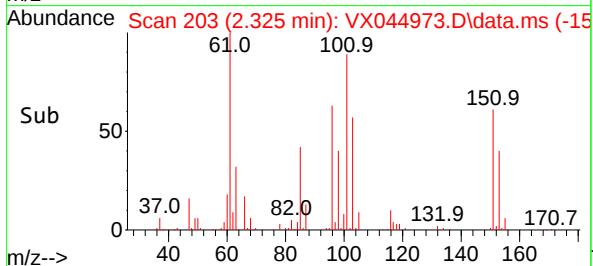
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



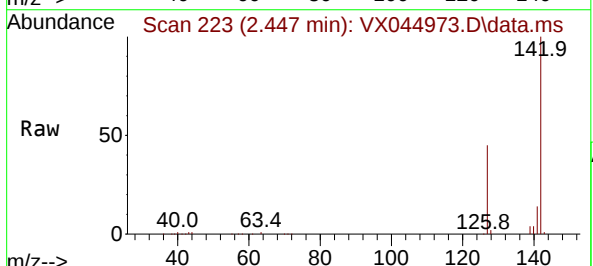
Tgt Ion:101 Resp: 6336
Ion Ratio Lower Upper
101 100
85 45.4 35.7 53.5
151 71.0 56.0 84.0

Manual Integrations
APPROVED

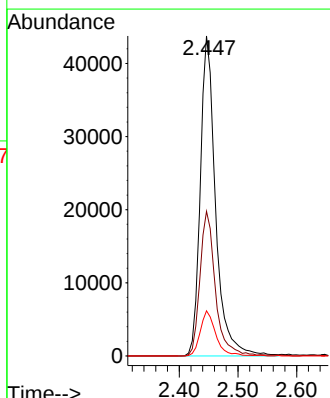
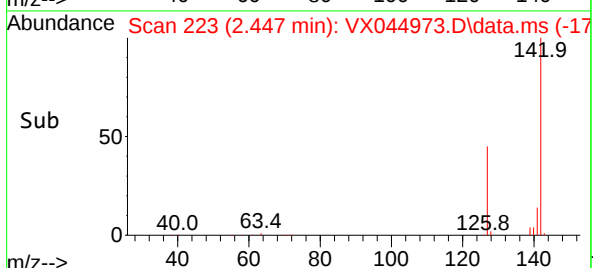
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

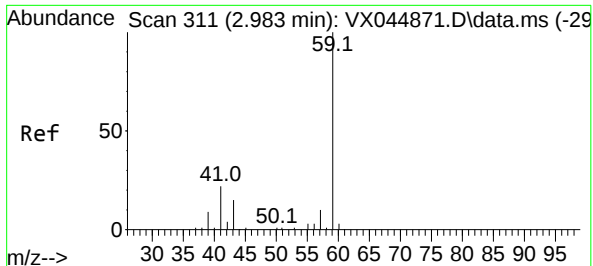


#10
Methyl Iodide
Concen: 55.540 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



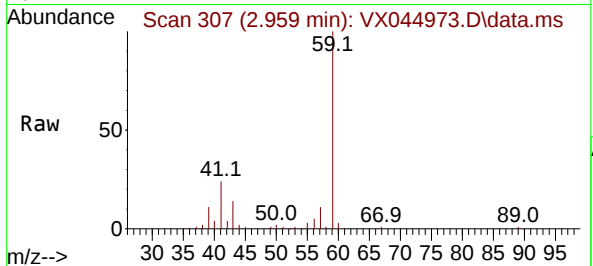
Tgt Ion:142 Resp: 79463
Ion Ratio Lower Upper
142 100
127 45.6 34.3 51.5
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 314.419 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

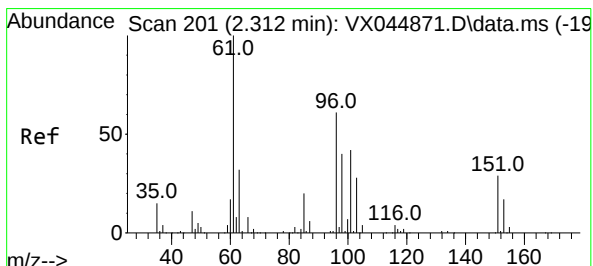
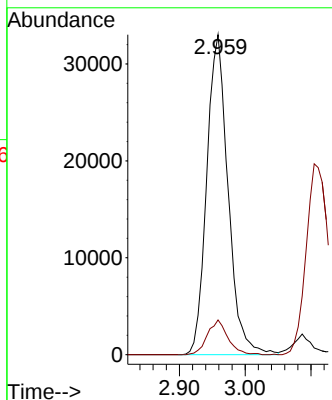
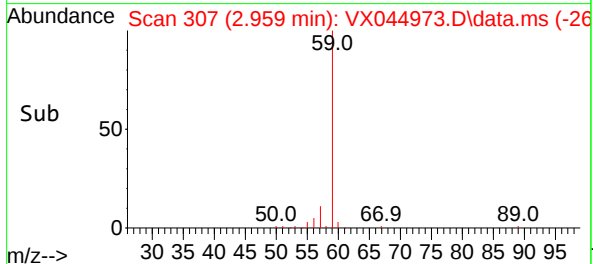
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 59 Resp: 74598
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

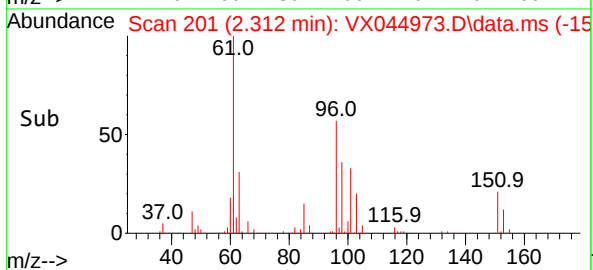
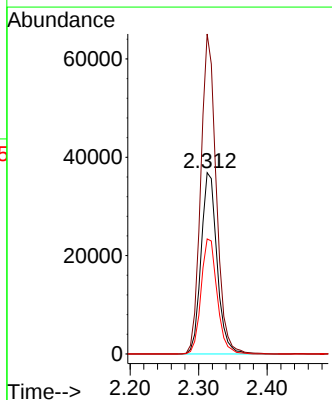
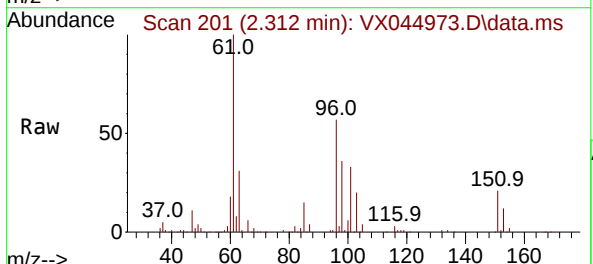
Manual Integrations
APPROVED

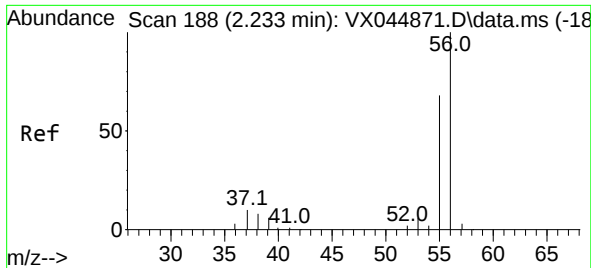
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 53.172 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

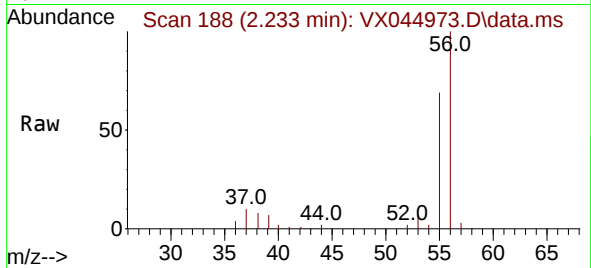
Tgt Ion: 96 Resp: 59876
Ion Ratio Lower Upper
96 100
61 176.5 130.2 195.4
98 63.4 52.2 78.4





#13
Acrolein
Concen: 300.181 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

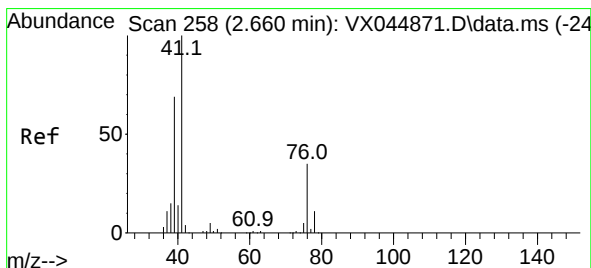
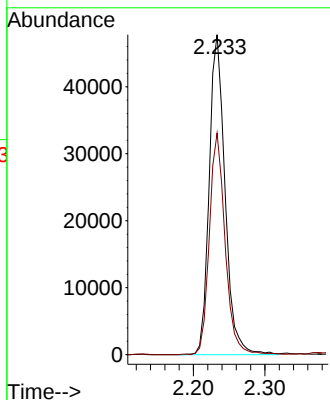
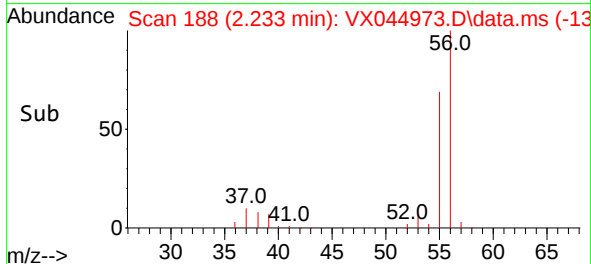
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



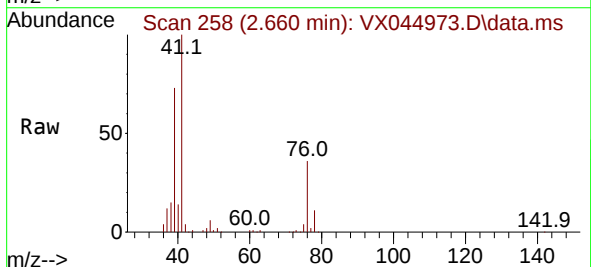
Tgt Ion: 56 Resp: 7348
Ion Ratio Lower Upper
56 100
55 69.1 55.7 83.5

Manual Integrations
APPROVED

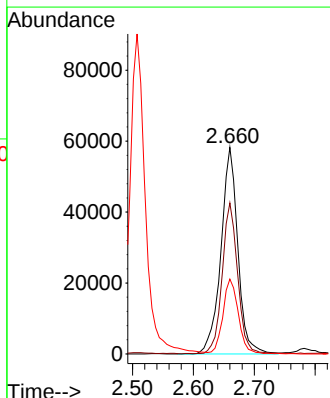
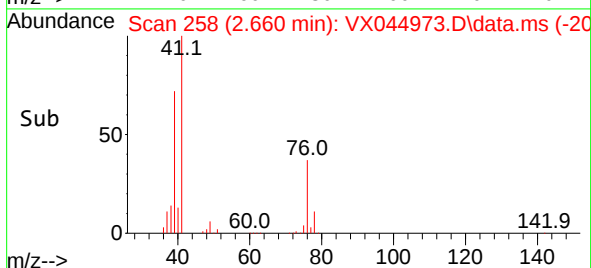
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

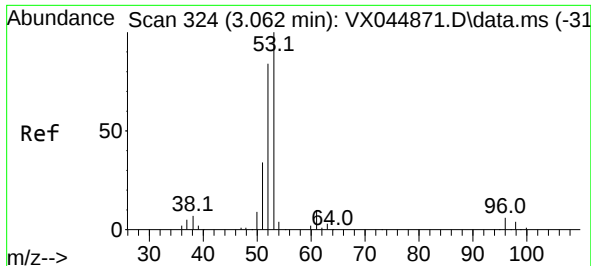


#14
Allyl chloride
Concen: 55.295 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



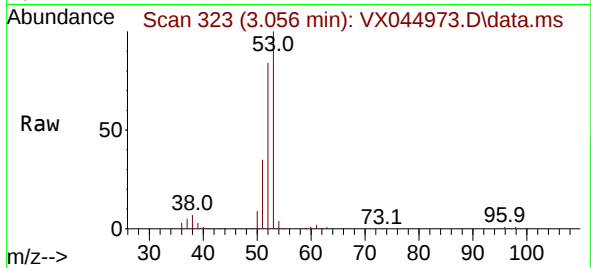
Tgt Ion: 41 Resp: 112532
Ion Ratio Lower Upper
41 100
39 66.6 51.4 77.2
76 32.8 27.0 40.4





#15
Acrylonitrile
Concen: 303.865 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

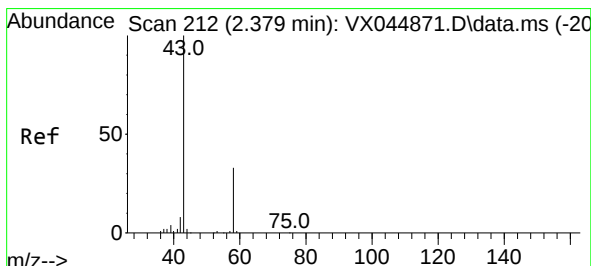
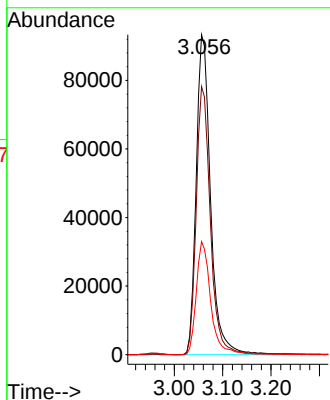
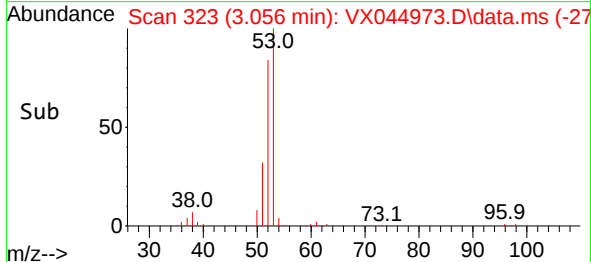
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 53 Resp: 192489
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.6
51 35.9 28.0 42.0

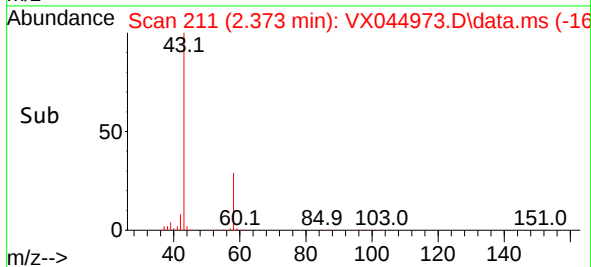
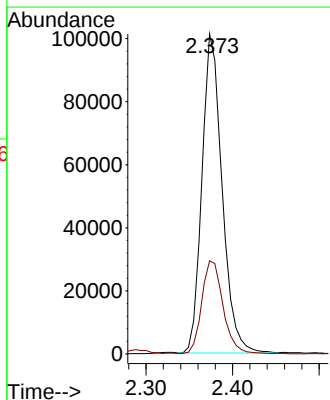
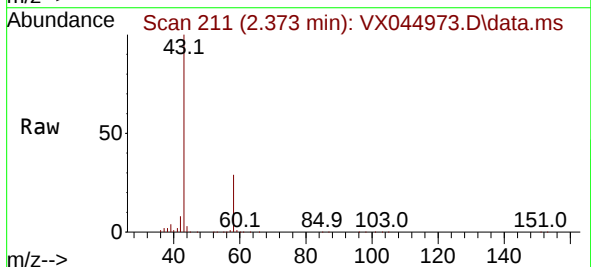
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 318.083 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 43 Resp: 163535
Ion Ratio Lower Upper
43 100
58 29.1 26.5 39.7





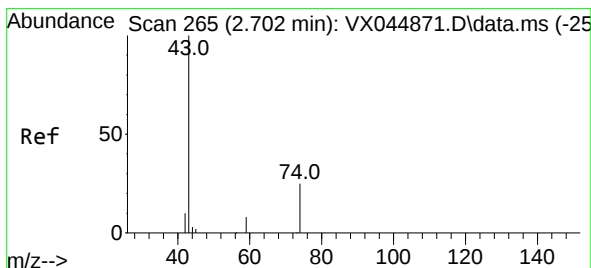
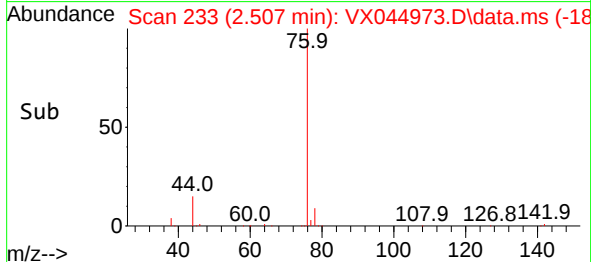
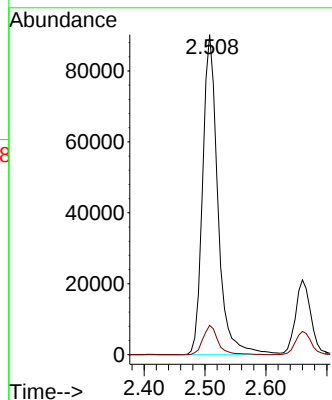
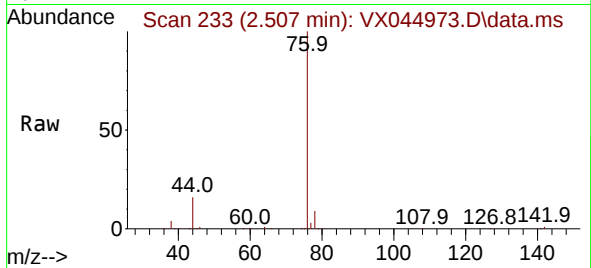
#17
Carbon Disulfide
Concen: 50.778 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion: 76 Resp: 15680
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

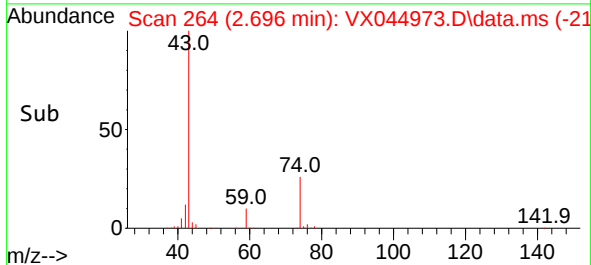
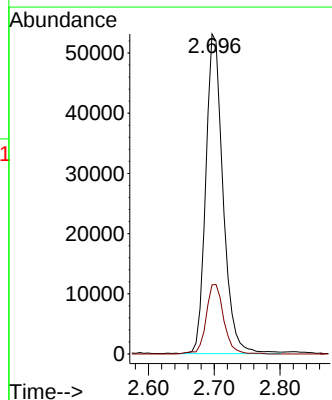
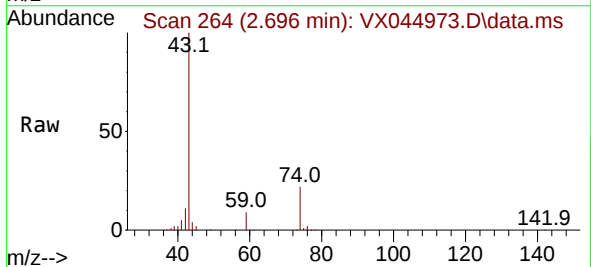
Manual Integrations
APPROVED

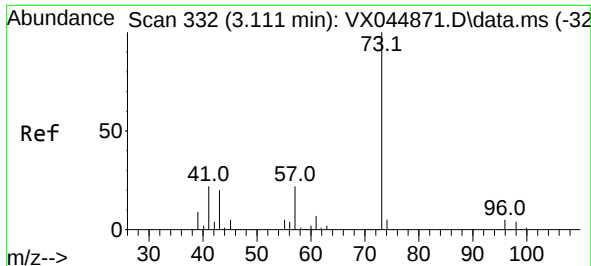
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 59.889 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 43 Resp: 97164
Ion Ratio Lower Upper
43 100
74 22.2 18.9 28.3





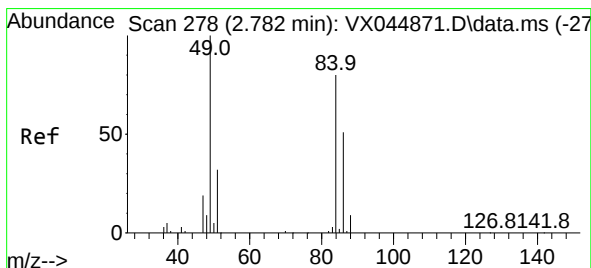
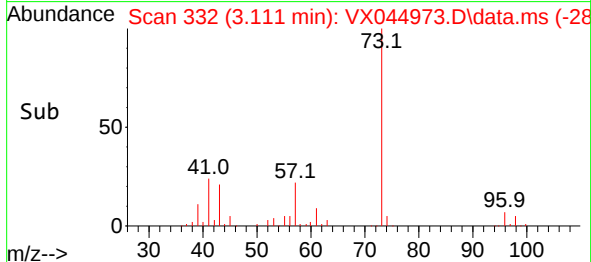
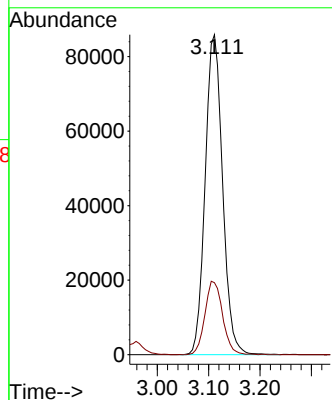
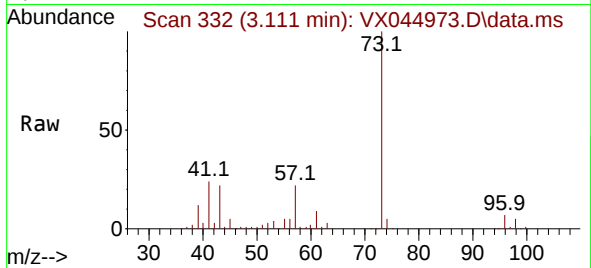
#19
Methyl tert-butyl Ether
Concen: 56.302 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion: 73 Resp: 20172
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

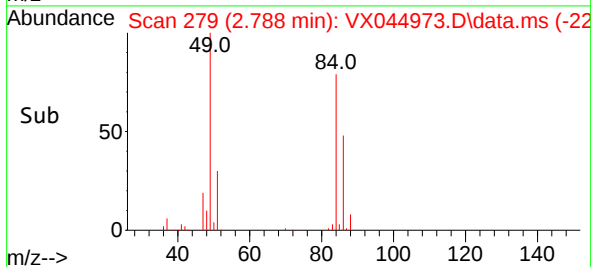
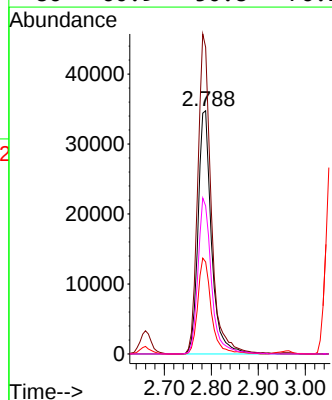
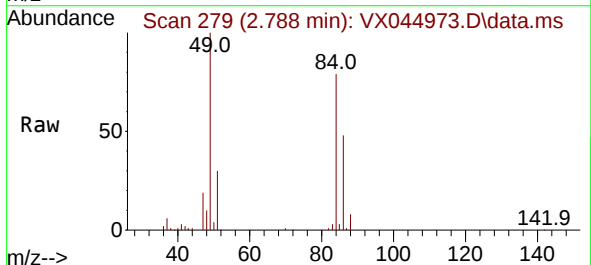
Manual Integrations
APPROVED

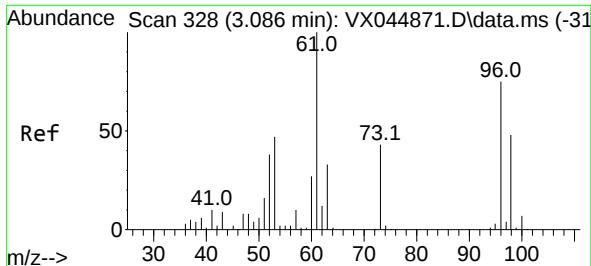
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 55.108 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

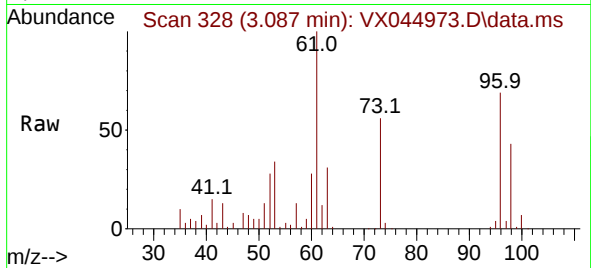
Tgt Ion: 84 Resp: 69398
Ion Ratio Lower Upper
84 100
49 126.1 100.1 150.1
51 37.8 31.7 47.5
86 60.9 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 55.027 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

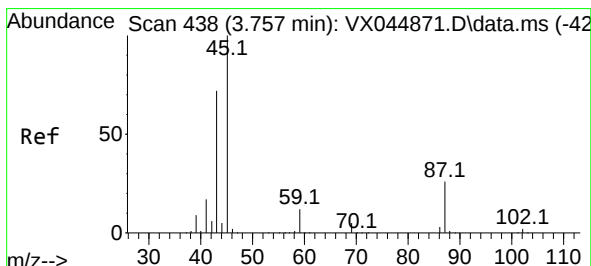
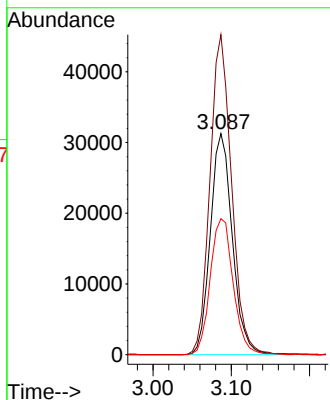
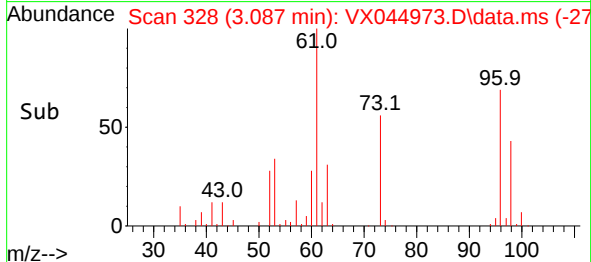
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



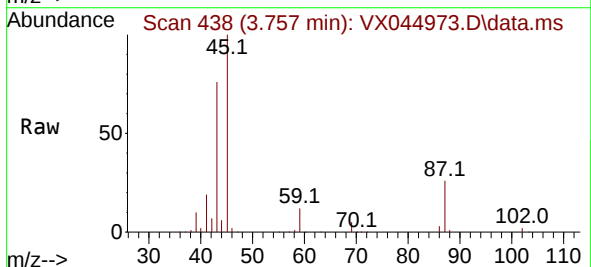
Tgt Ion: 96 Resp: 6098
Ion Ratio Lower Upper
96 100
61 144.7 106.0 159.0
98 61.5 50.6 76.0

Manual Integrations
APPROVED

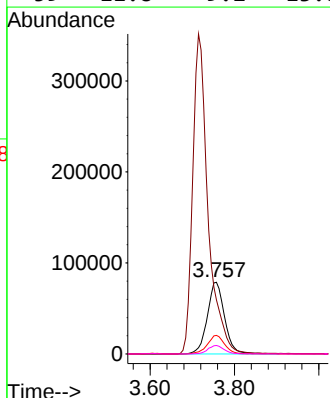
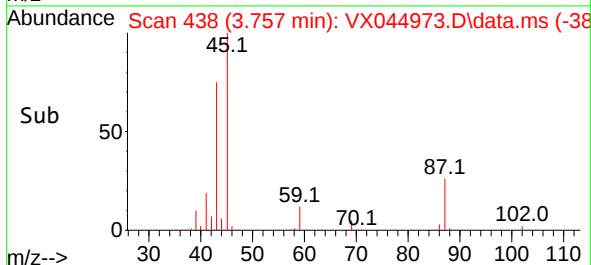
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

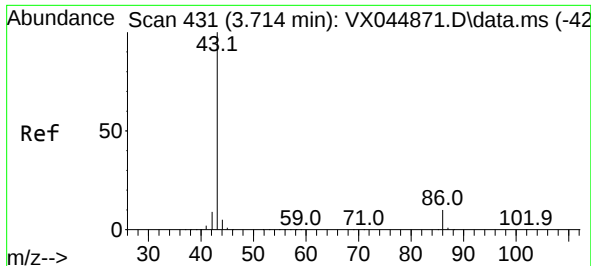


#22
Diisopropyl ether
Concen: 58.161 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



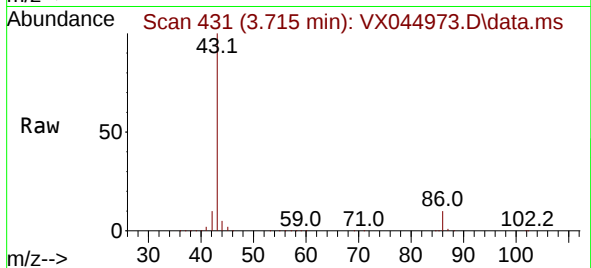
Tgt Ion: 45 Resp: 223934
Ion Ratio Lower Upper
45 100
43 75.5 58.0 87.0
87 25.8 20.7 31.1
59 11.8 9.2 13.8





#23
 Vinyl Acetate
 Concen: 284.488 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044973.D
 Acq: 14 Feb 2025 19:43

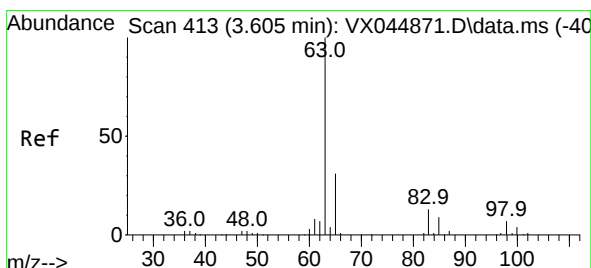
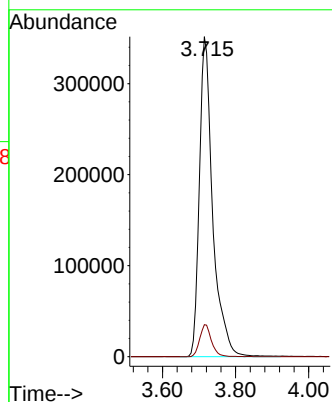
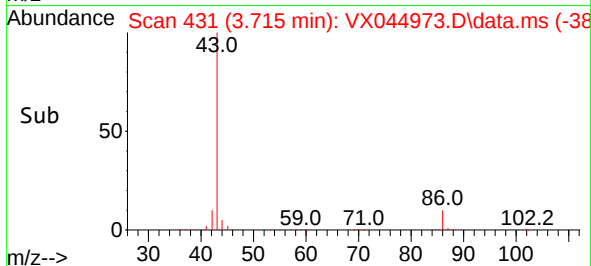
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MSD



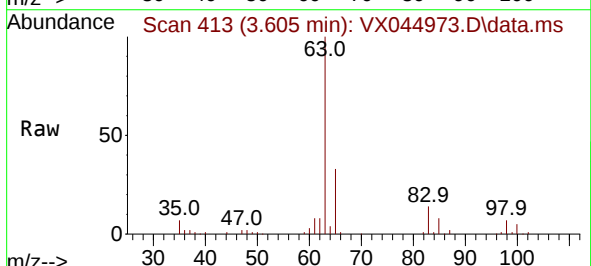
Tgt Ion: 43 Resp: 89298
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.3 12.5

Manual Integrations
 APPROVED

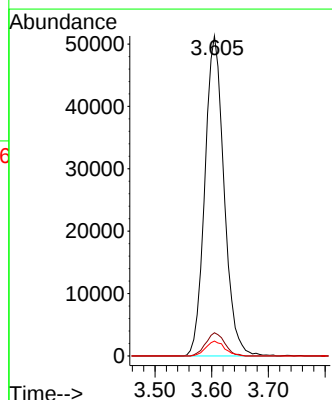
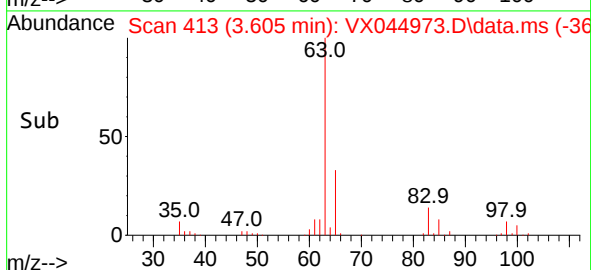
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

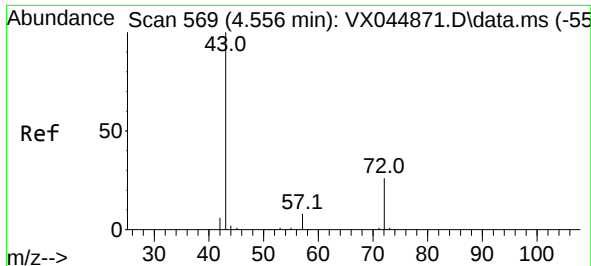


#24
 1,1-Dichloroethane
 Concen: 55.834 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044973.D
 Acq: 14 Feb 2025 19:43



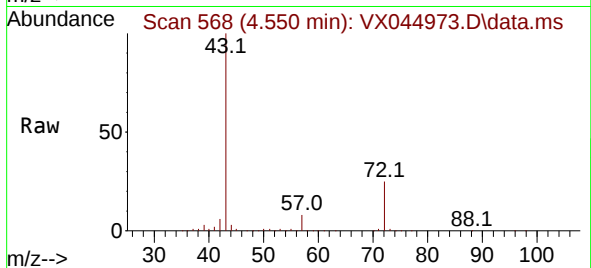
Tgt Ion: 63 Resp: 120285
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 323.891 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

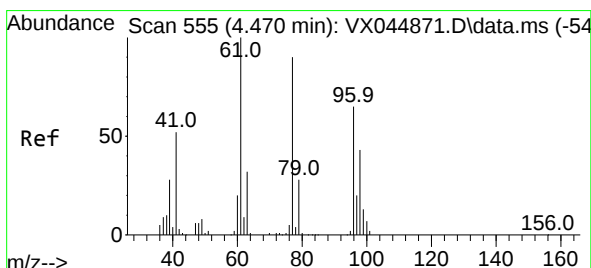
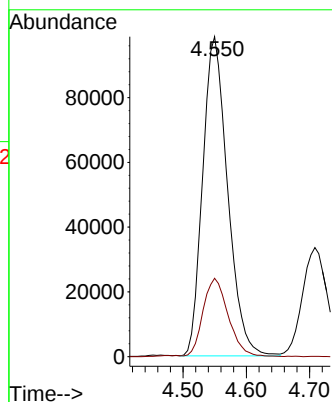
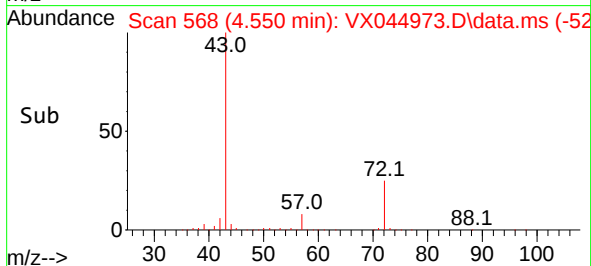
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 43 Resp: 270400
Ion Ratio Lower Upper
43 100
72 24.5 21.2 31.8

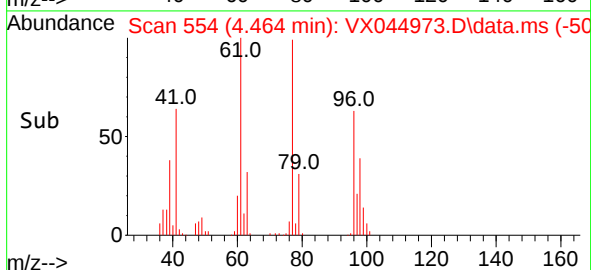
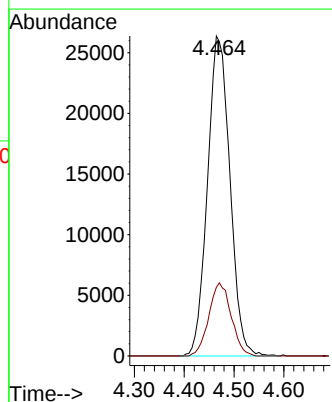
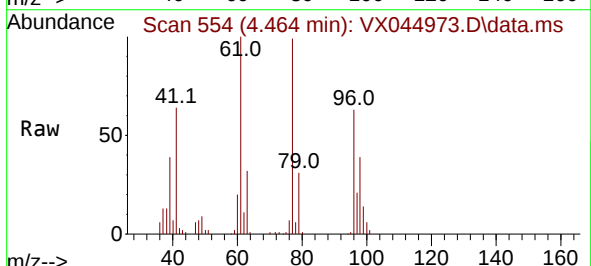
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 48.226 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

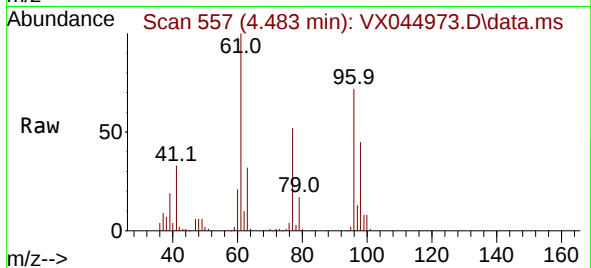
Tgt Ion: 77 Resp: 82392
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 58.319 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX044973.D
 Acq: 14 Feb 2025 19:43

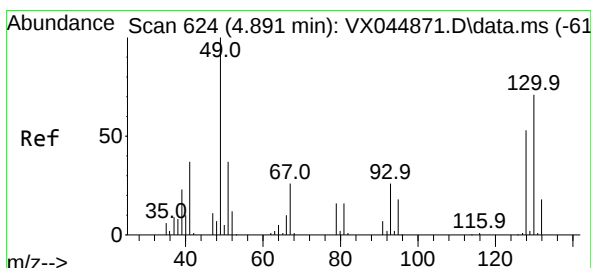
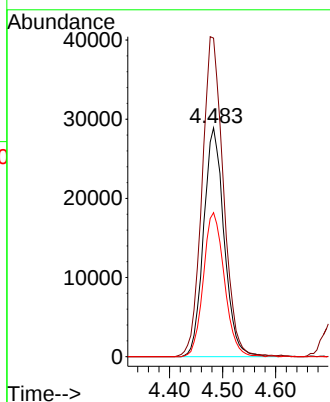
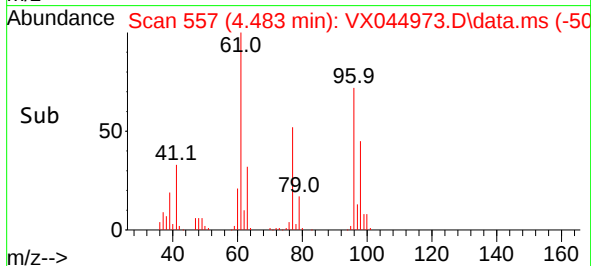
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MSD



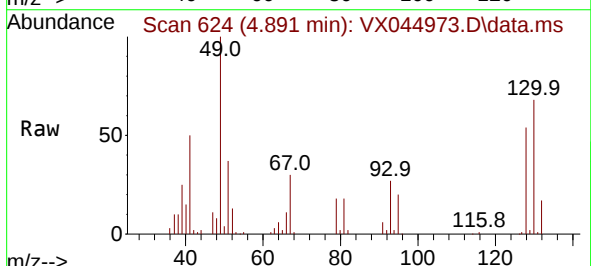
Tgt Ion: 96 Resp: 77639
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 294.0
 98 64.4 0.0 131.2

Manual Integrations
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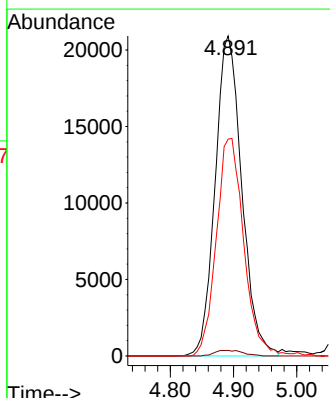
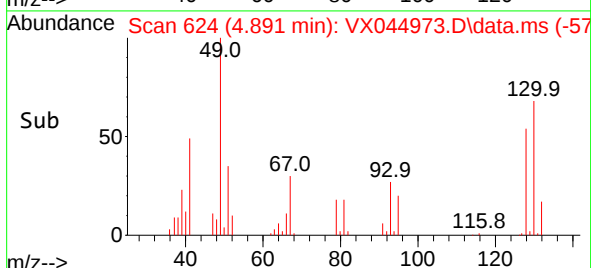
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 59.084 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX044973.D
 Acq: 14 Feb 2025 19:43



Tgt Ion: 49 Resp: 61171
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 69.7 56.7 85.1





#29

Tetrahydrofuran

Concen: 313.243 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX044973.D

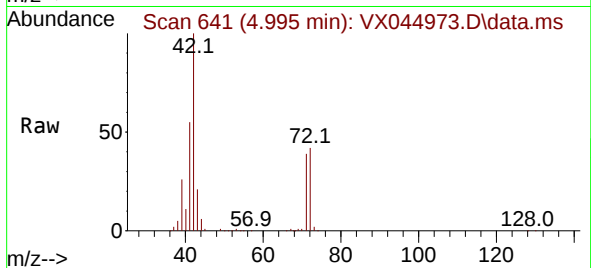
Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD



Tgt Ion: 42 Resp: 173649

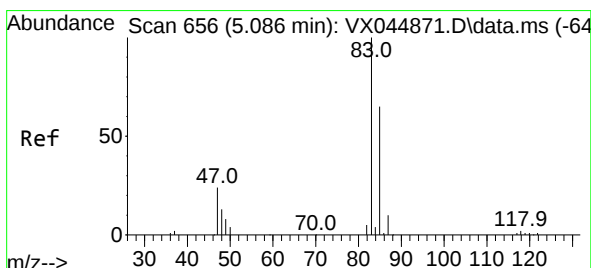
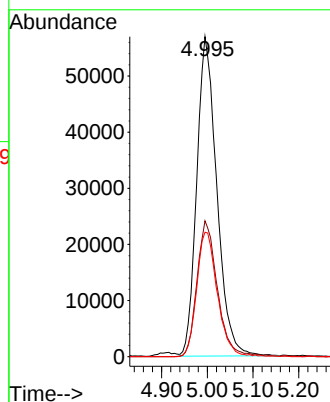
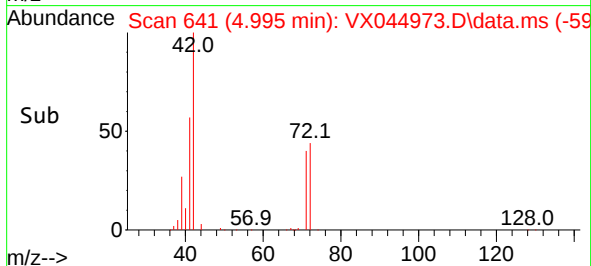
Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.0	52.4
71	40.1	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 57.445 ug/l

RT: 5.086 min Scan# 656

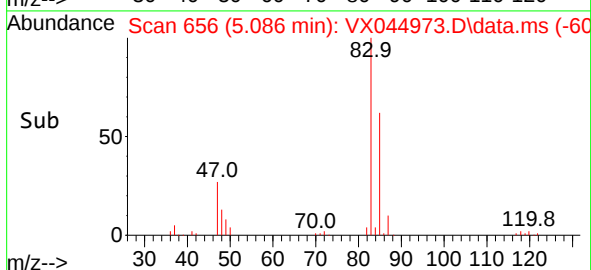
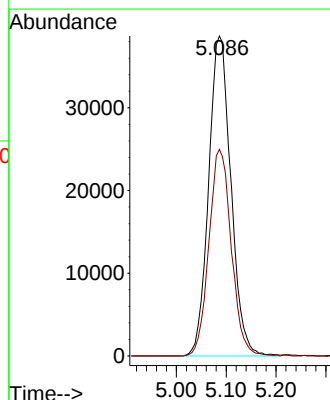
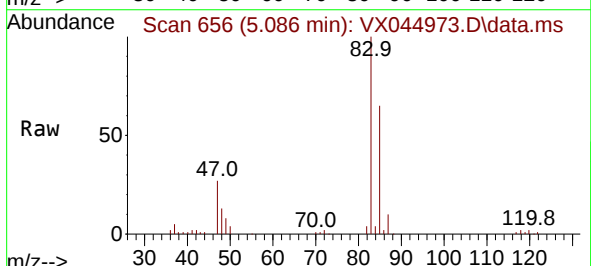
Delta R.T. 0.000 min

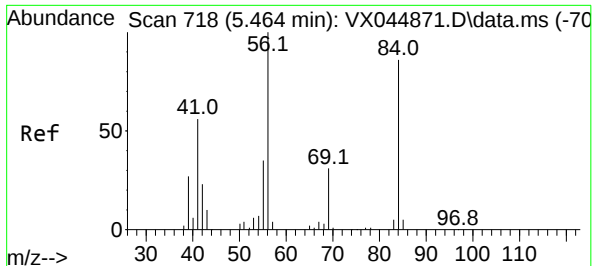
Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Tgt Ion: 83 Resp: 120017

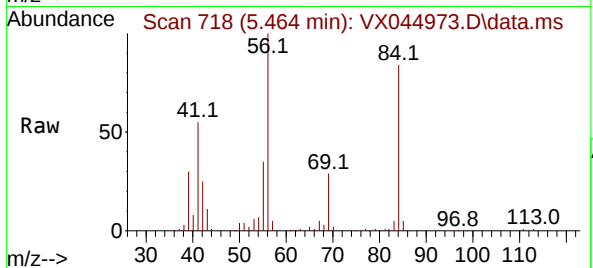
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.1	78.1





#31
Cyclohexane
Concen: 52.505 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

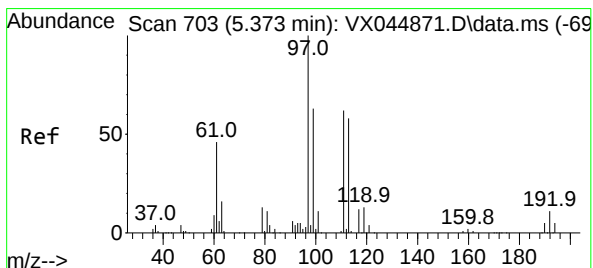
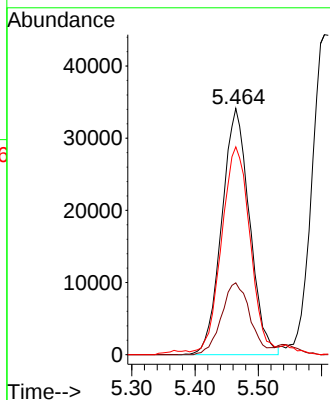
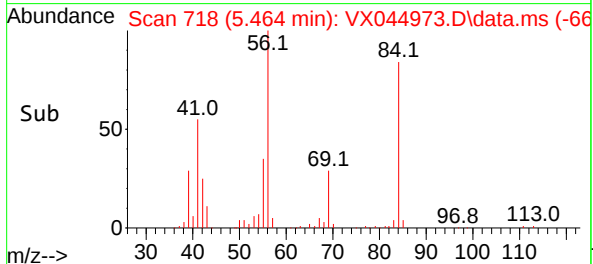
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 56 Resp: 104280
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 83.1 69.0 103.6

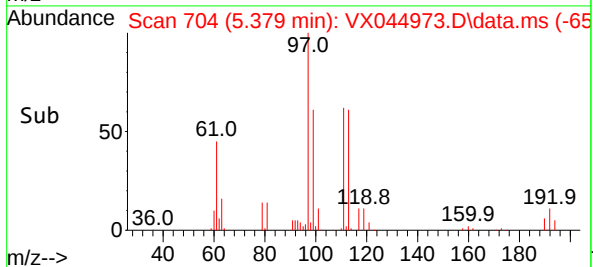
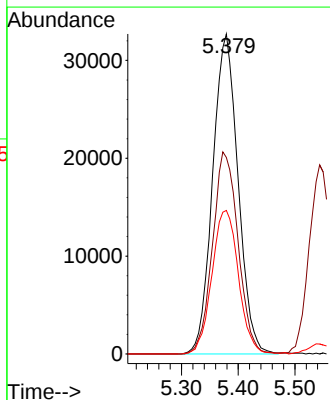
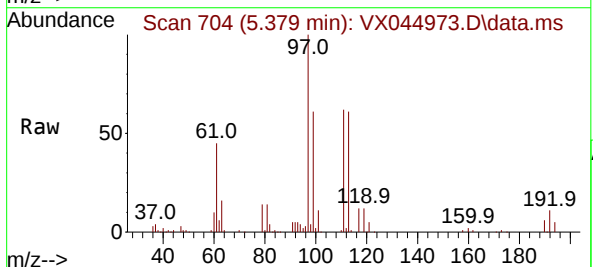
Manual Integrations
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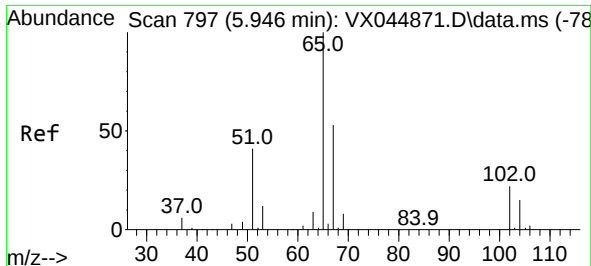
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 57.263 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 97 Resp: 101477
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 47.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 57.762 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD

Tgt Ion: 65 Resp: 7387

Ion Ratio Lower Upper

65 100

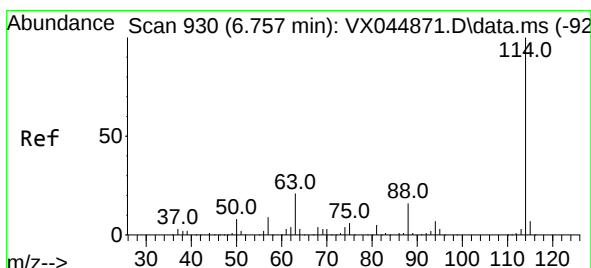
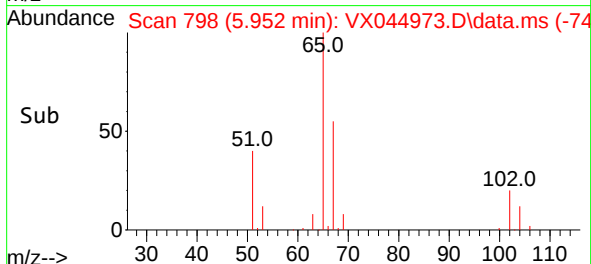
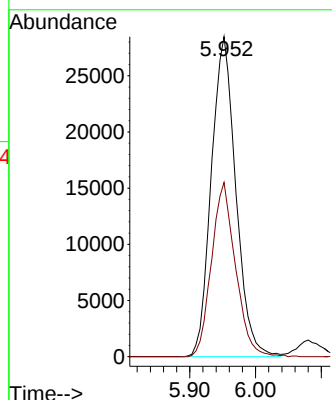
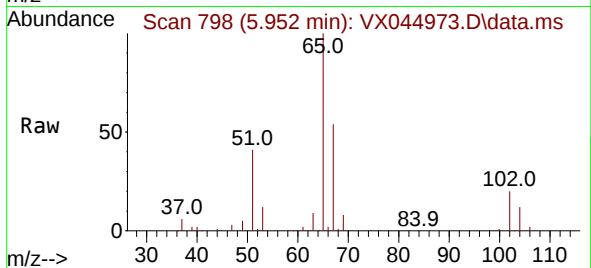
67 53.2 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

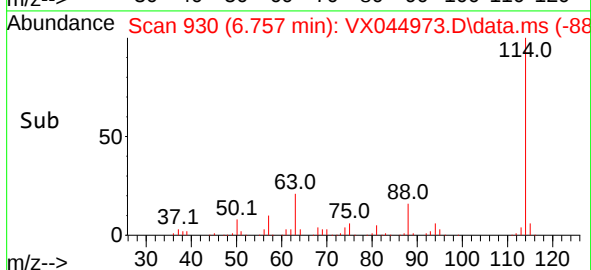
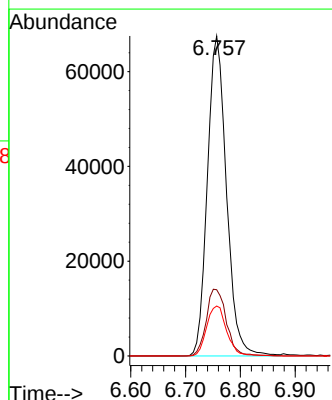
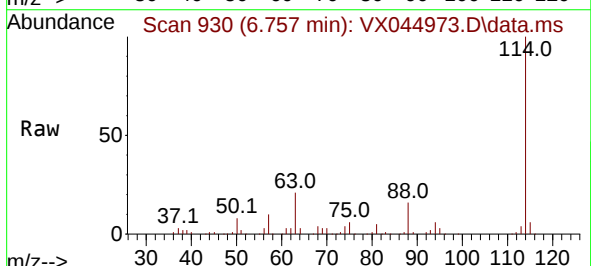
Tgt Ion:114 Resp: 162792

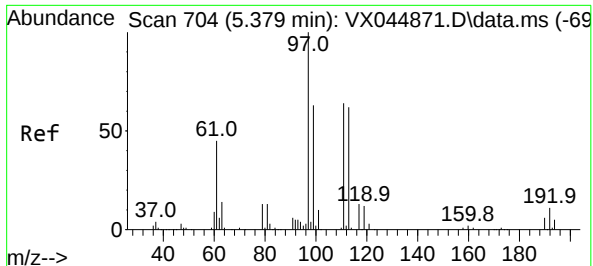
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.629 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044973.D

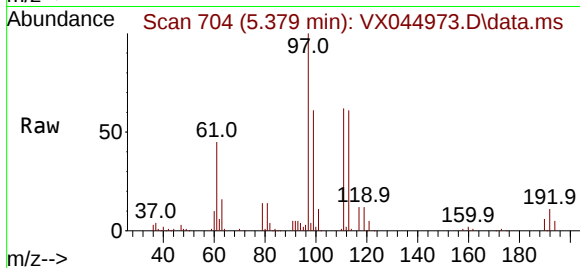
Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD



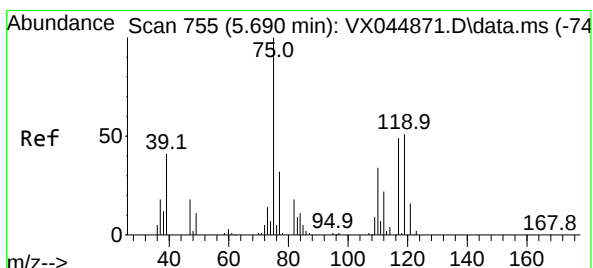
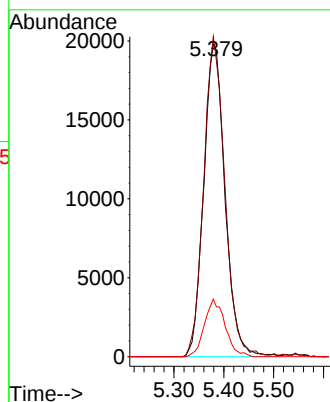
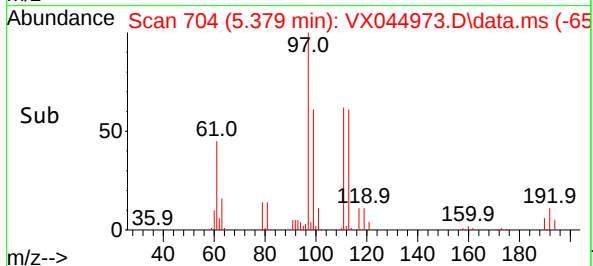
Tgt Ion:	113	Resp:	58879
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.5	125.3
192	17.8	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#36

1,1-Dichloropropene

Concen: 53.955 ug/l

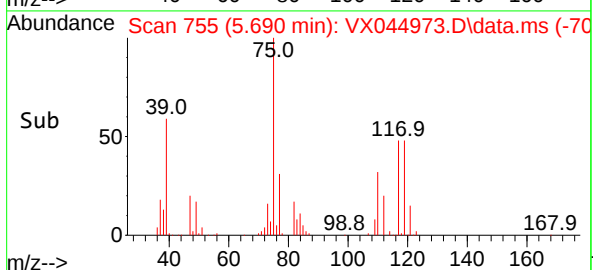
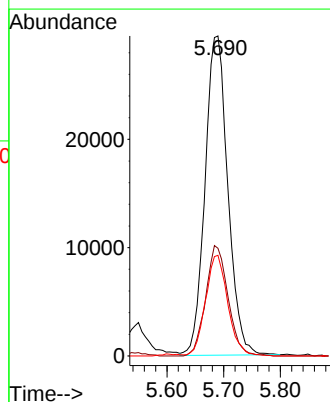
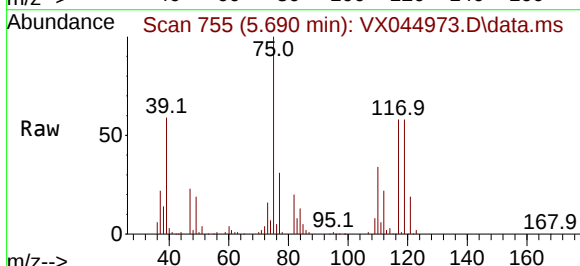
RT: 5.690 min Scan# 755

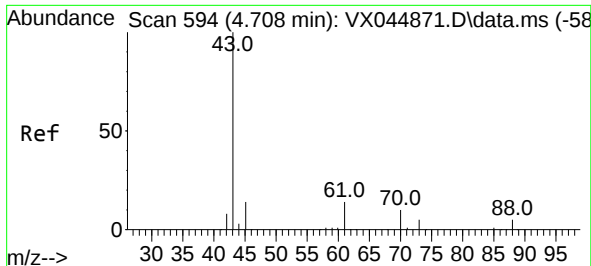
Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

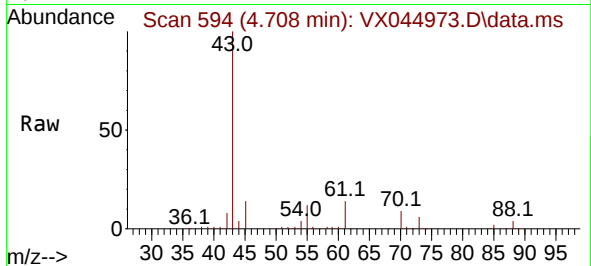
Tgt Ion:	75	Resp:	82390
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.2	51.6
77	30.9	24.6	37.0





#37
Ethyl Acetate
Concen: 57.524 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

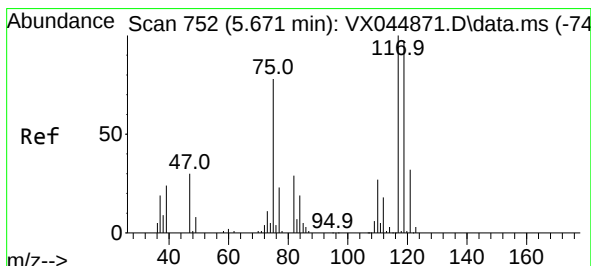
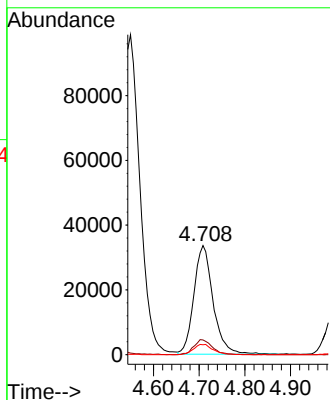
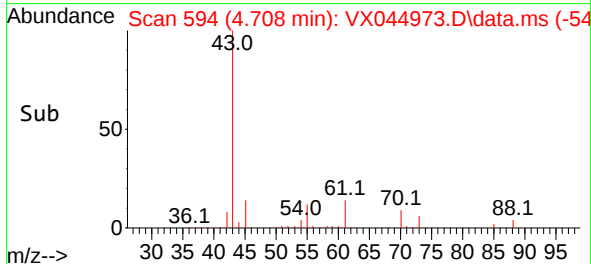
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 43 Resp: 97704
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 9.7 8.2 12.2

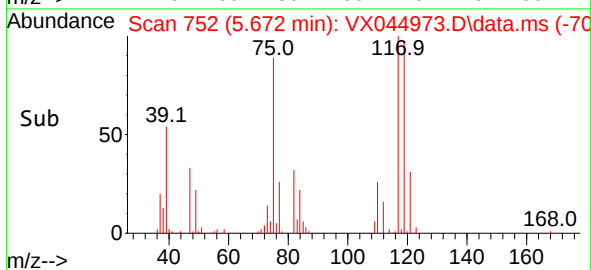
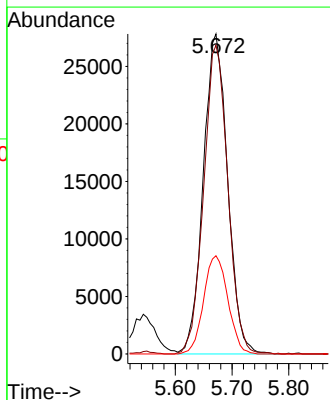
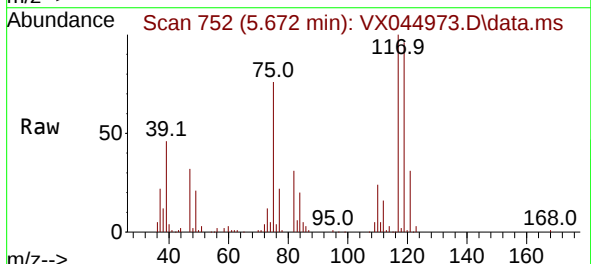
Manual Integrations
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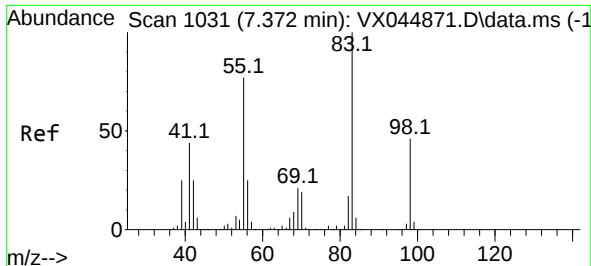
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 55.457 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion:117 Resp: 82986
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
121 30.7 25.6 38.4





#39

Methylcyclohexane

Concen: 53.249 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD

Tgt Ion: 83 Resp: 10512

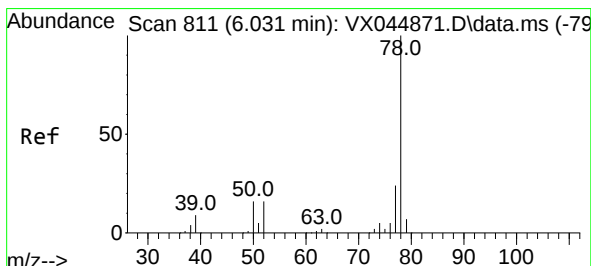
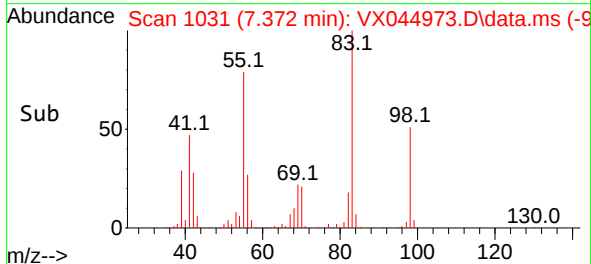
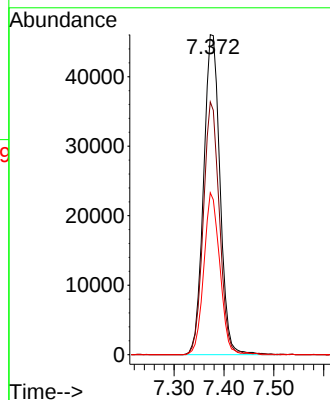
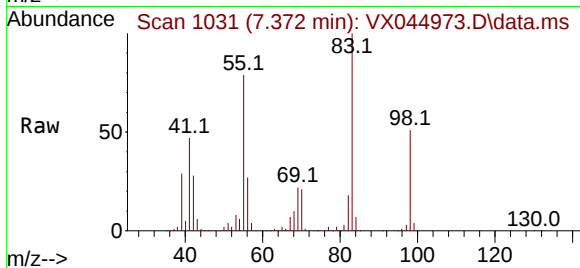
Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.3	91.9
98	50.6	37.0	55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 54.777 ug/l

RT: 6.031 min Scan# 811

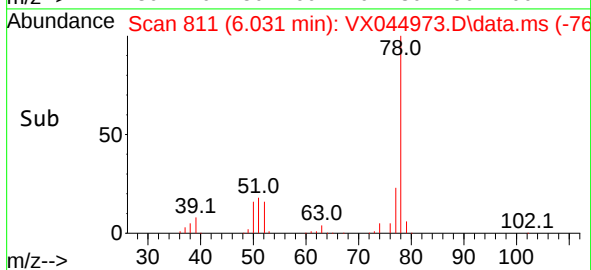
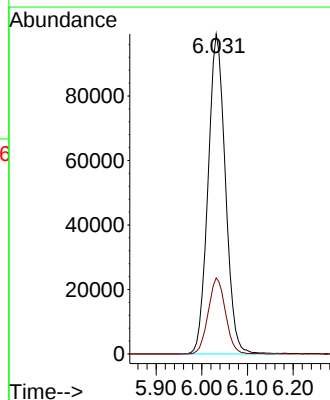
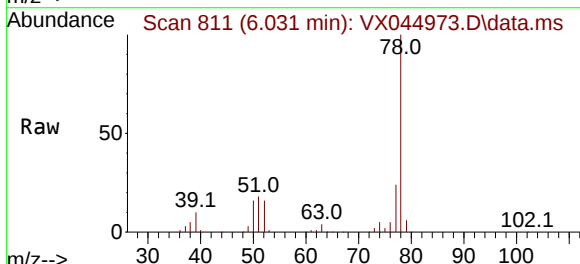
Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Tgt Ion: 78 Resp: 261188

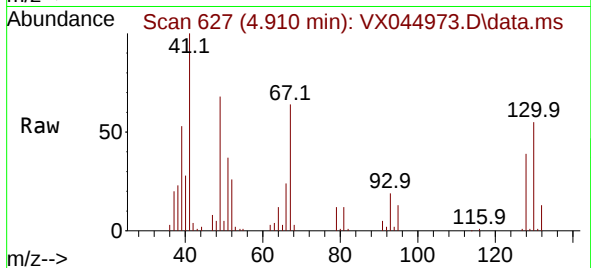
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 62.348 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

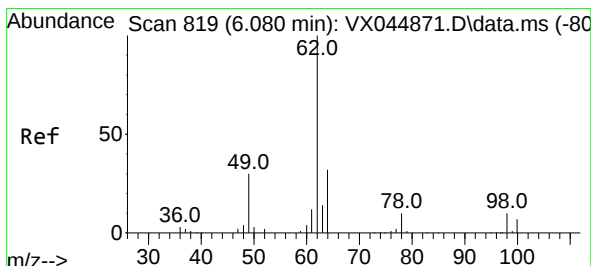
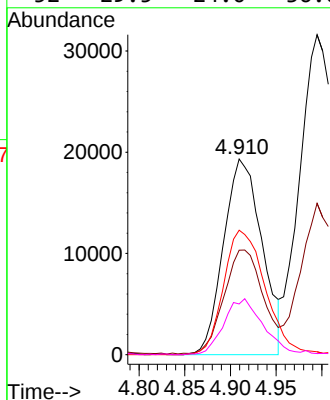
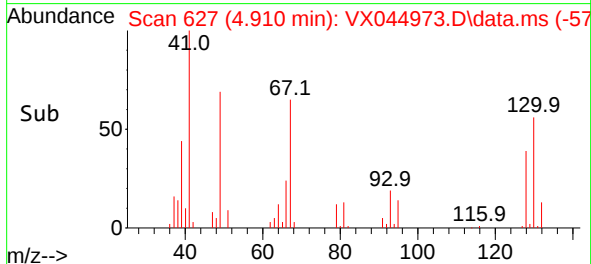
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 41 Resp: 5668
Ion Ratio Lower Upper
41 100
39 53.7 43.1 64.7
67 69.4 57.0 85.6
52 29.5 24.0 36.0

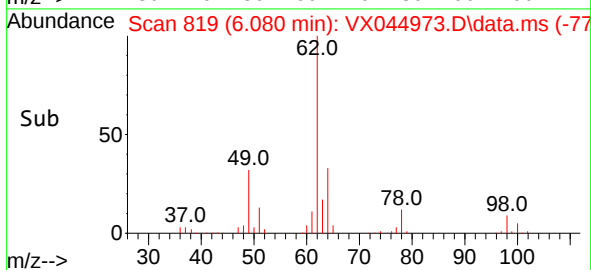
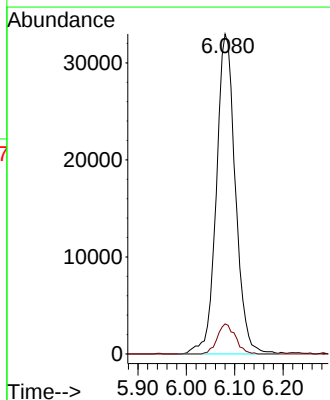
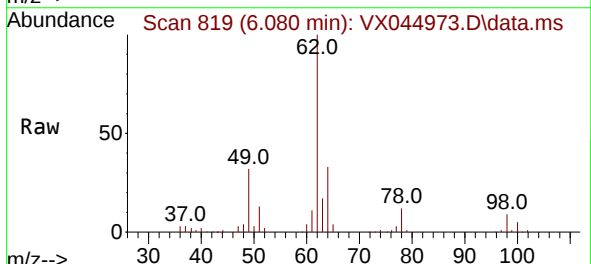
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 59.313 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

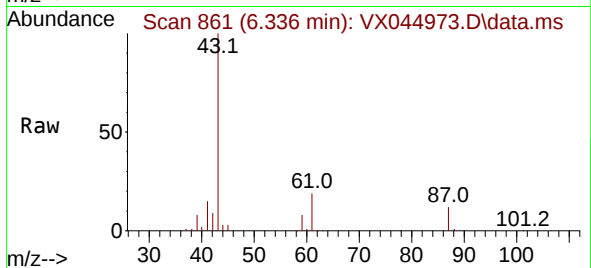
Tgt Ion: 62 Resp: 90137
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 58.338 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

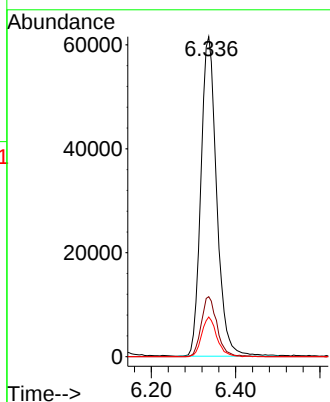
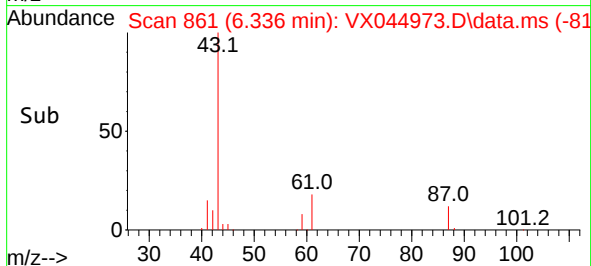
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 43 Resp: 160008
Ion Ratio Lower Upper
43 100
61 18.7 15.8 23.8
87 11.9 10.0 15.0

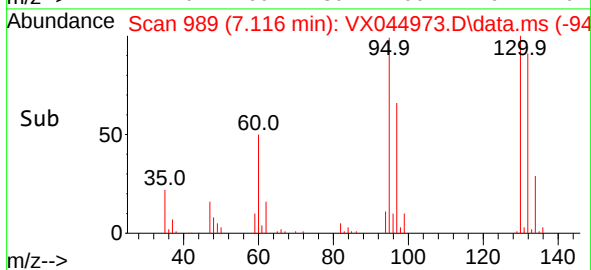
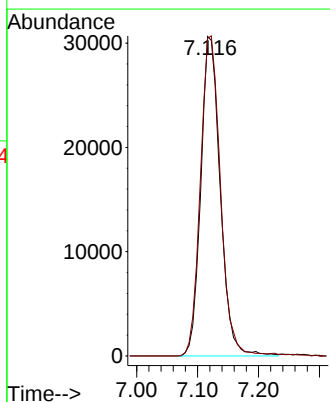
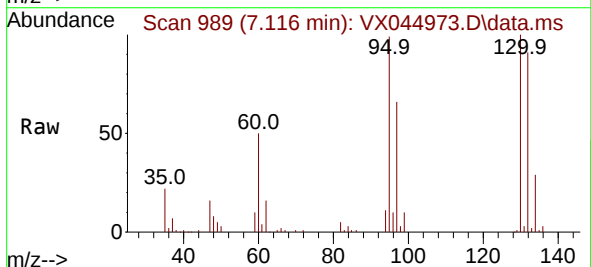
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 62.151 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion:130 Resp: 67738
Ion Ratio Lower Upper
130 100
95 99.4 0.0 202.4





#45

1,2-Dichloropropane

Concen: 56.273 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD

Tgt Ion: 63 Resp: 6675

Ion Ratio Lower Upper

63 100

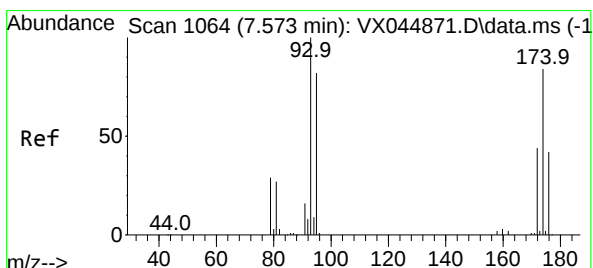
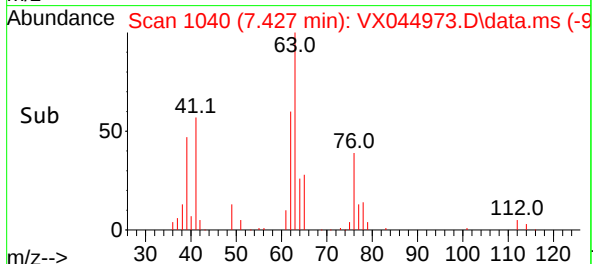
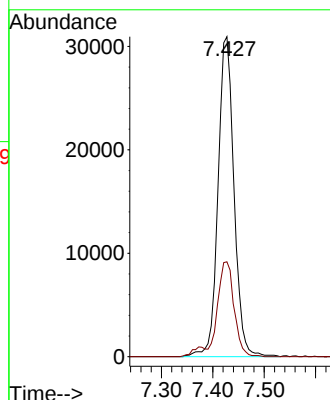
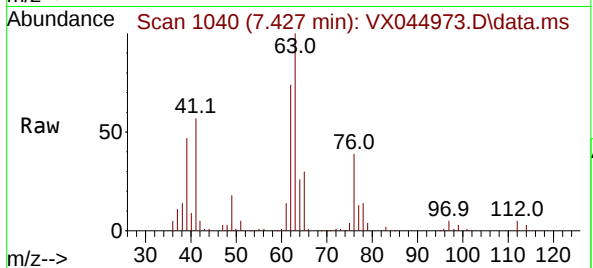
65 29.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 57.401 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

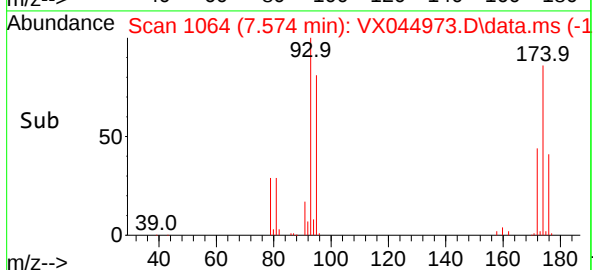
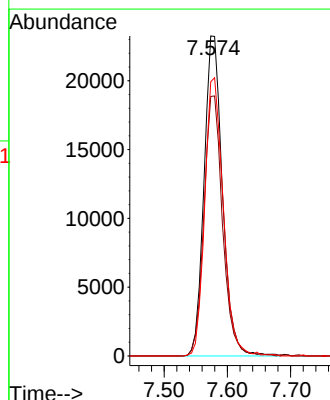
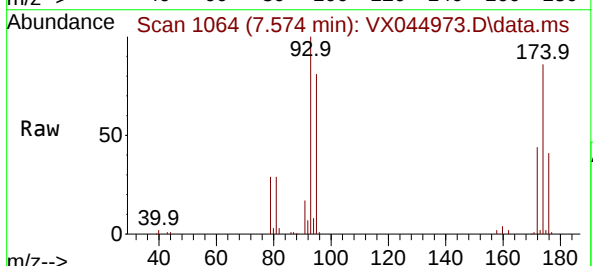
Tgt Ion: 93 Resp: 47222

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

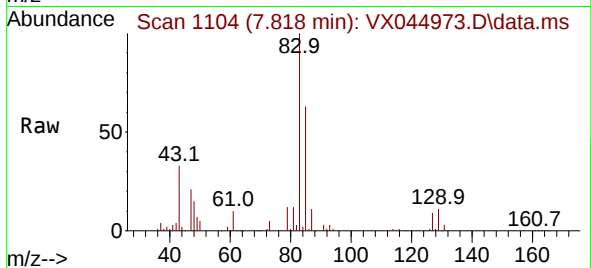
174 87.5 69.9 104.9





#47
Bromodichloromethane
Concen: 58.739 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

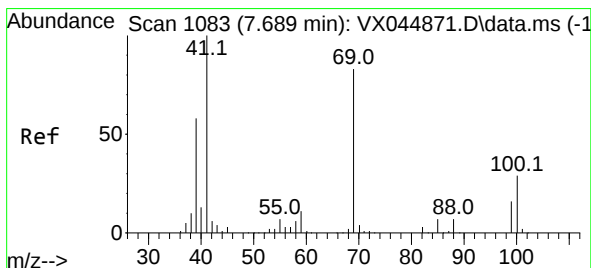
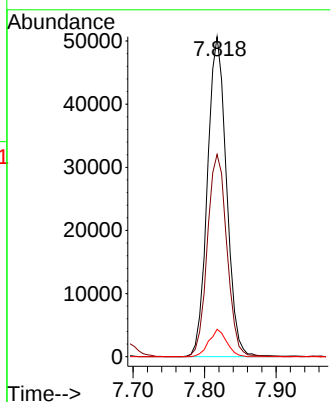
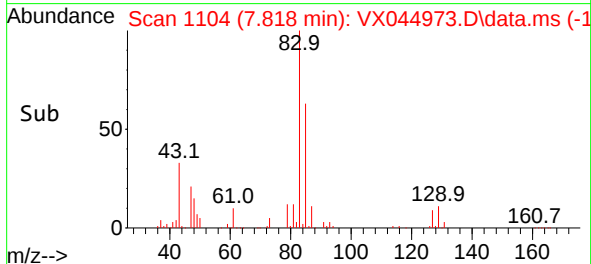
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



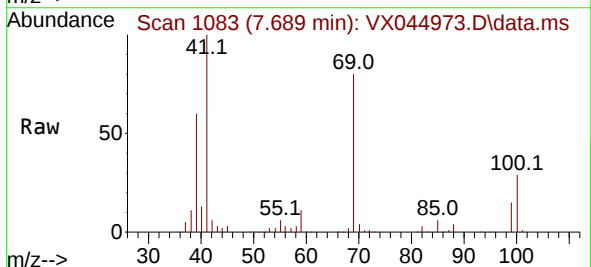
Tgt Ion: 83 Resp: 93568
Ion Ratio Lower Upper
83 100
85 63.2 50.0 75.0
127 8.5 6.4 9.6

Manual Integrations
APPROVED

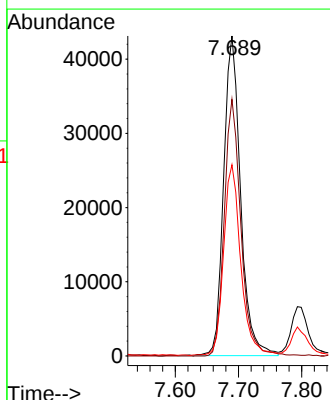
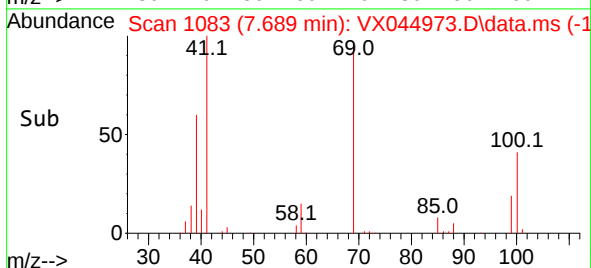
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

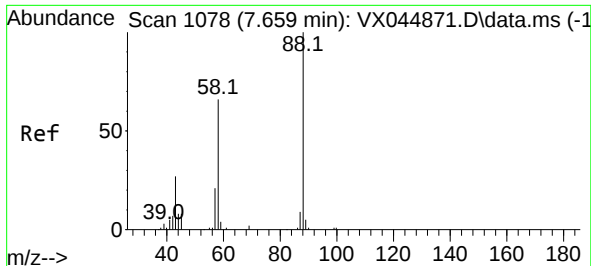


#48
Methyl methacrylate
Concen: 61.882 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



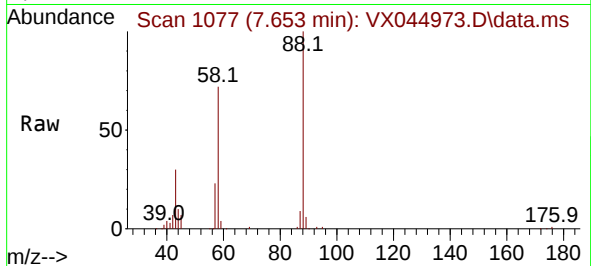
Tgt Ion: 41 Resp: 80029
Ion Ratio Lower Upper
41 100
69 79.0 65.8 98.8
39 60.5 46.4 69.6





#49
1,4-Dioxane
Concen: 1340.417 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

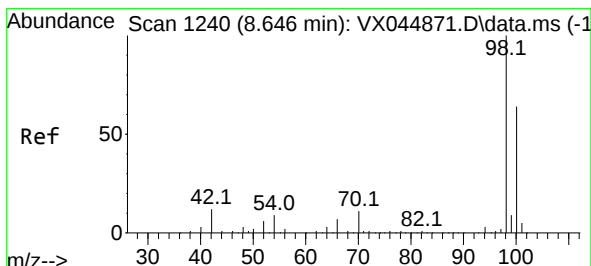
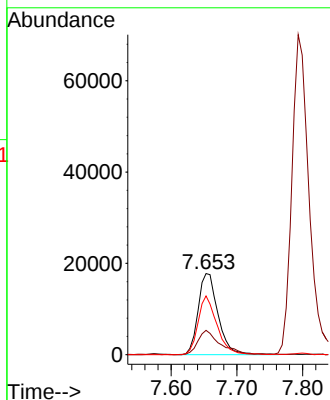
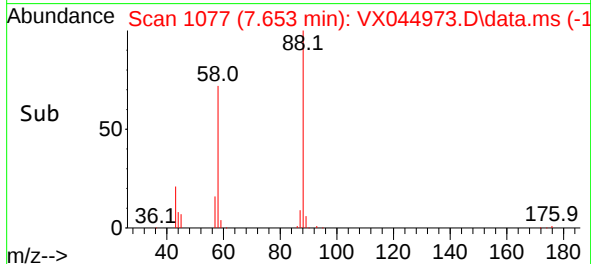
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion: 88 Resp: 37192
Ion Ratio Lower Upper
88 100
43 34.1 26.6 39.8
58 68.9 55.9 83.9

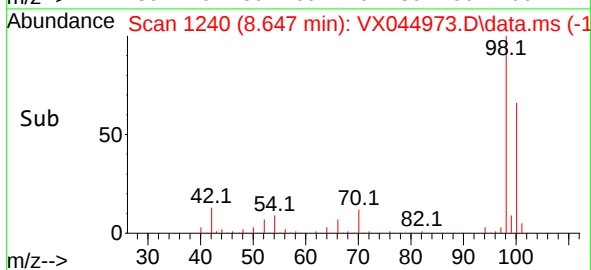
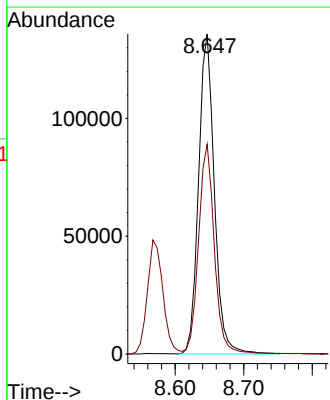
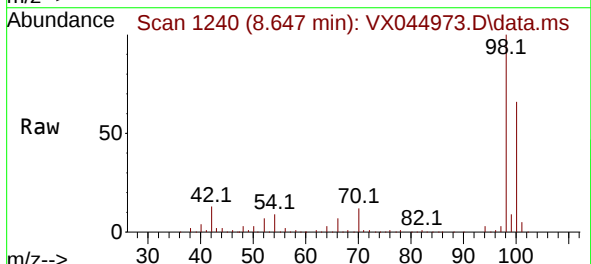
Manual Integrations
APPROVED

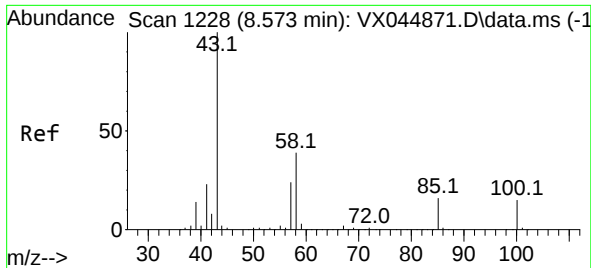
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 54.459 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 98 Resp: 217960
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





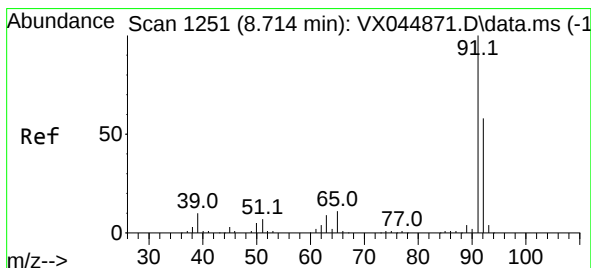
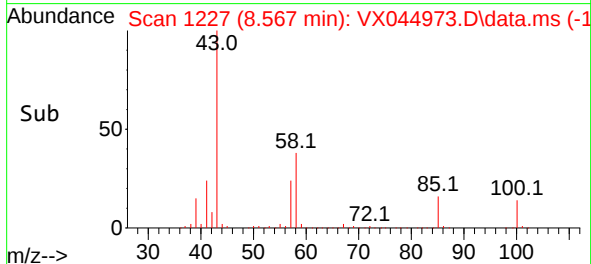
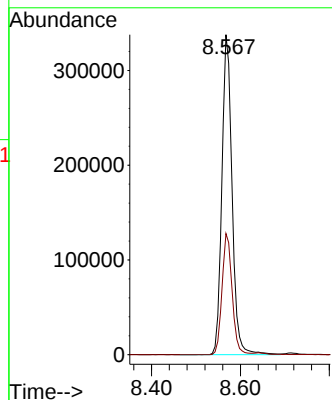
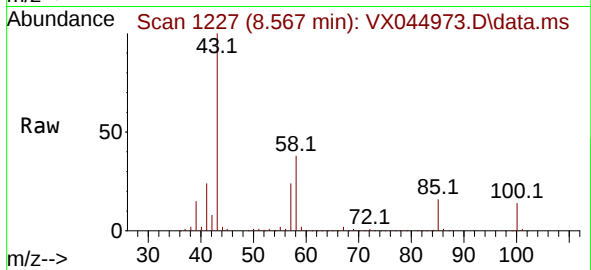
#51
4-Methyl-2-Pentanone
Concen: 321.504 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion: 43 Resp: 536092
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2

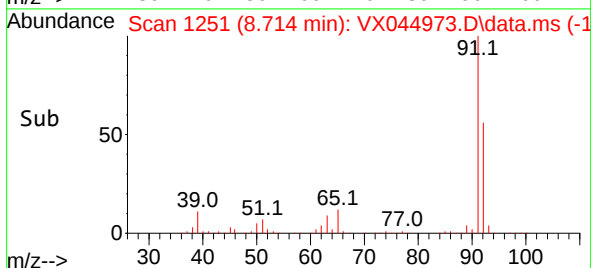
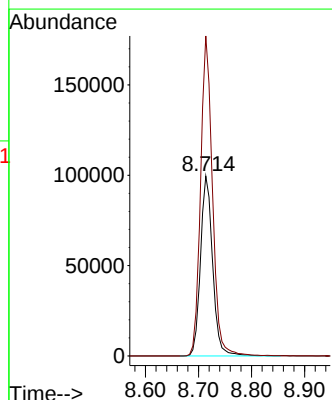
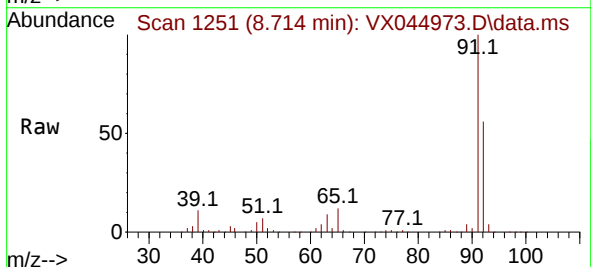
Manual Integrations
APPROVED

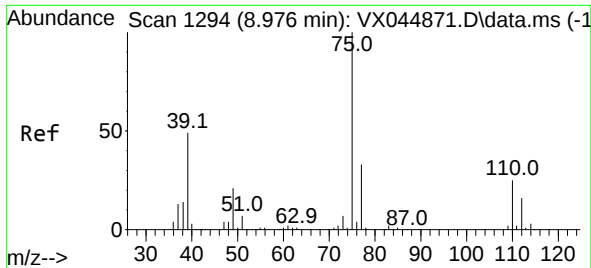
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 55.961 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

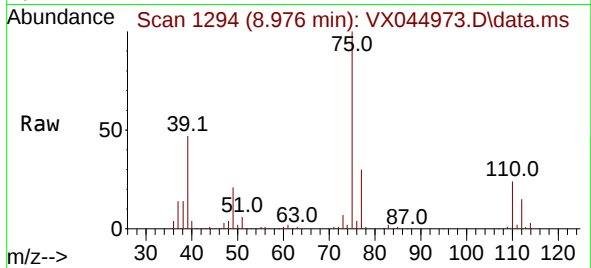
Tgt Ion: 92 Resp: 158915
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 56.539 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

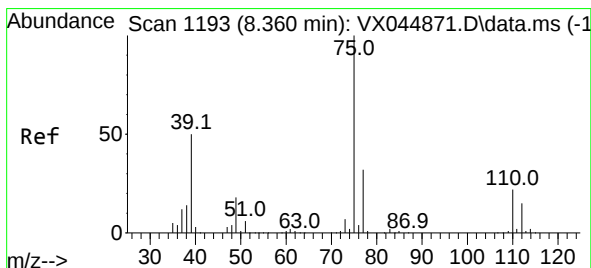
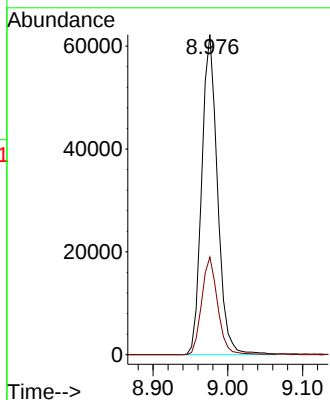
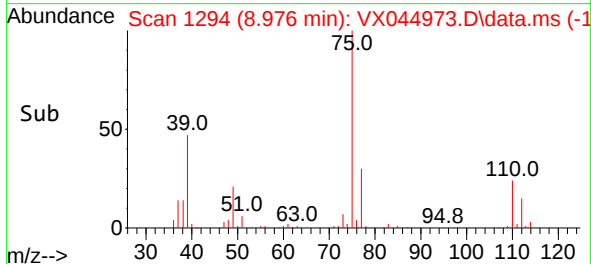
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



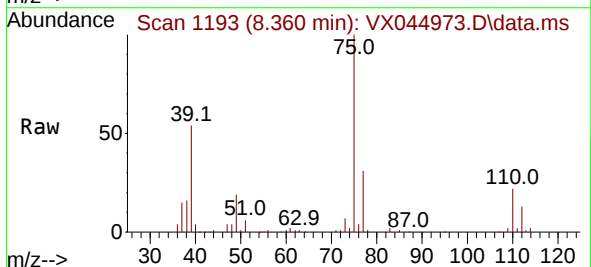
Tgt Ion: 75 Resp: 91140
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0

Manual Integrations
APPROVED

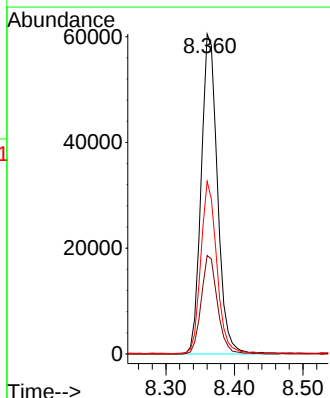
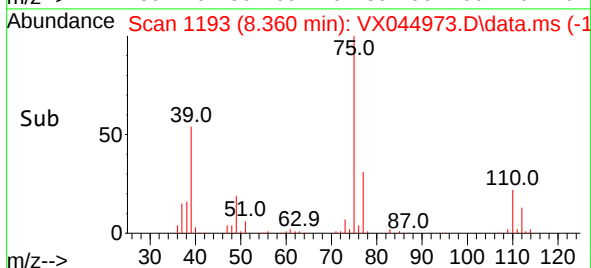
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

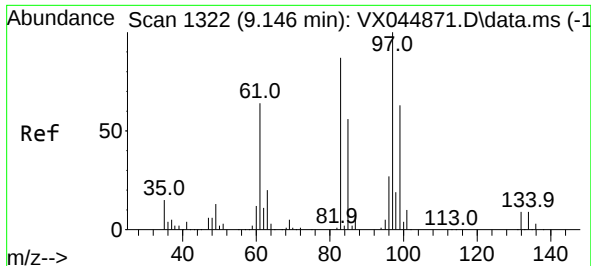


#54
cis-1,3-Dichloropropene
Concen: 55.811 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



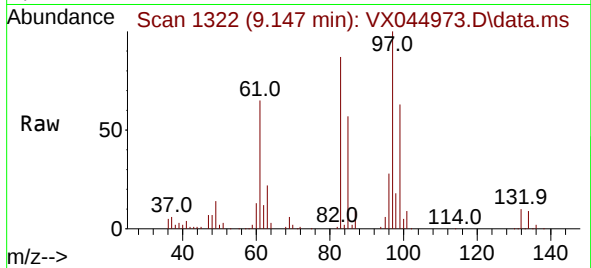
Tgt Ion: 75 Resp: 100309
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 53.7 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 58.170 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

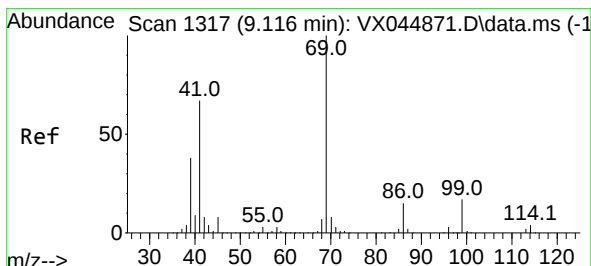
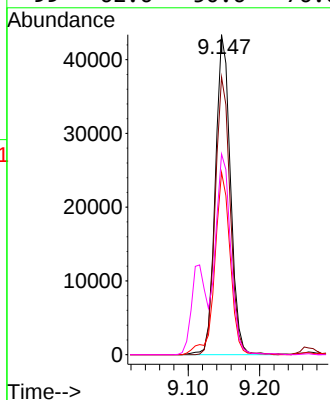
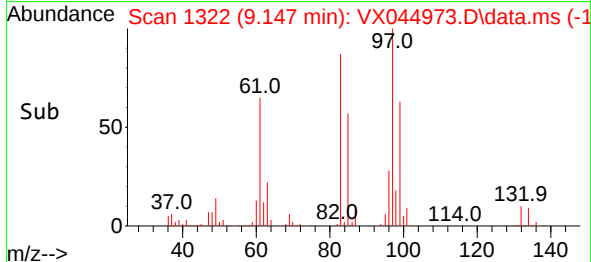
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



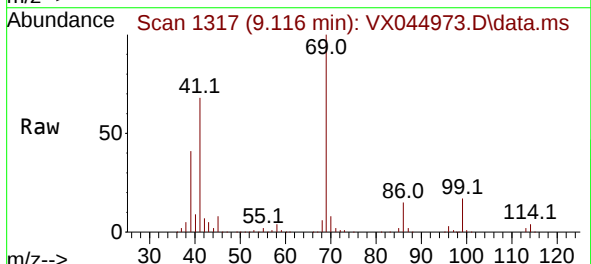
Tgt Ion: 97 Resp: 63500
Ion Ratio Lower Upper
97 100
83 86.8 69.8 104.6
85 57.0 44.8 67.2
99 62.6 50.6 76.0

Manual Integrations
APPROVED

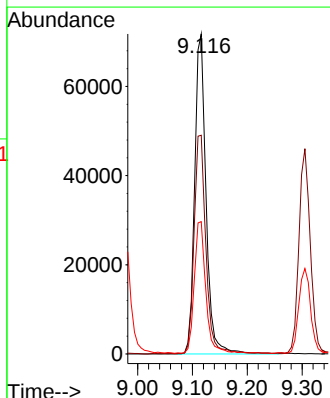
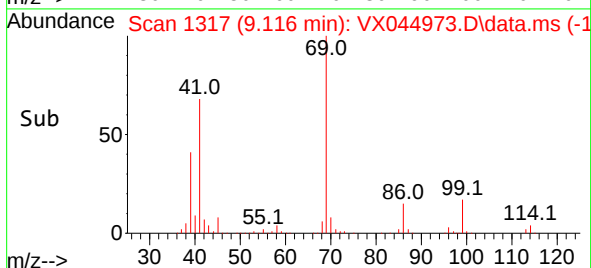
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

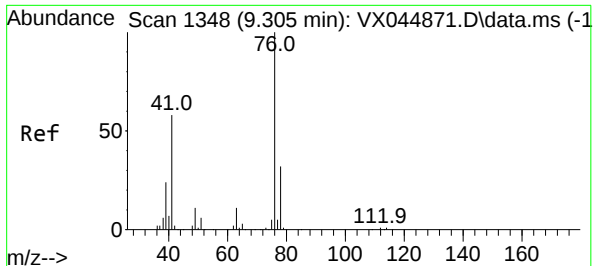


#56
Ethyl methacrylate
Concen: 59.186 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



Tgt Ion: 69 Resp: 104351
Ion Ratio Lower Upper
69 100
41 70.1 55.2 82.8
39 41.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 57.517 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD

Tgt Ion: 76 Resp: 109859

Ion Ratio Lower Upper

76 100

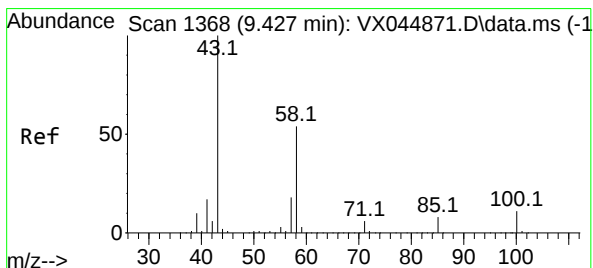
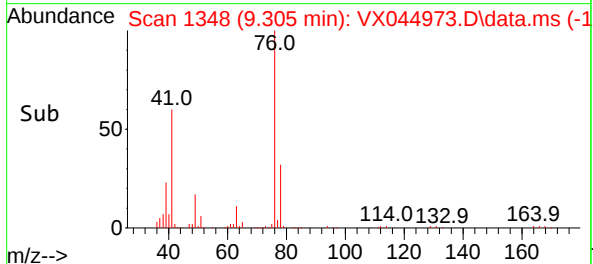
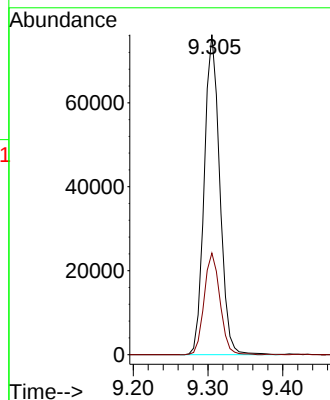
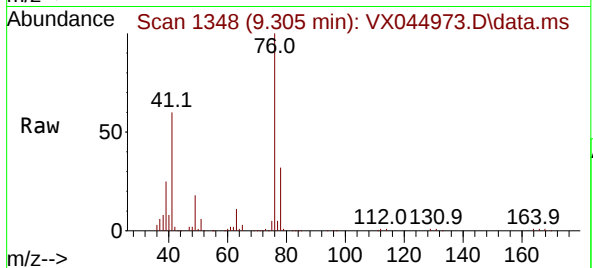
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#59

2-Hexanone

Concen: 332.444 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044973.D

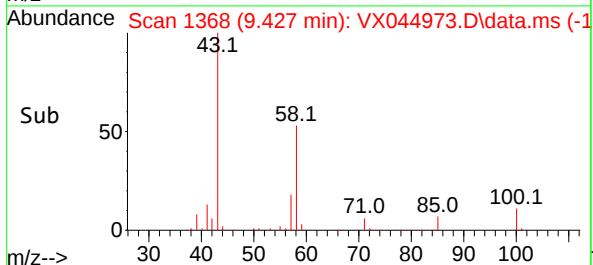
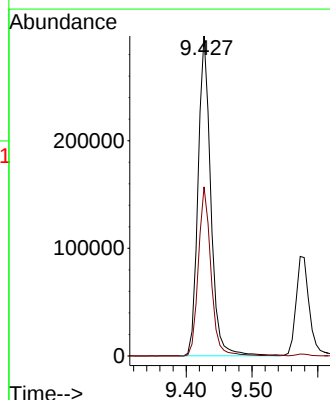
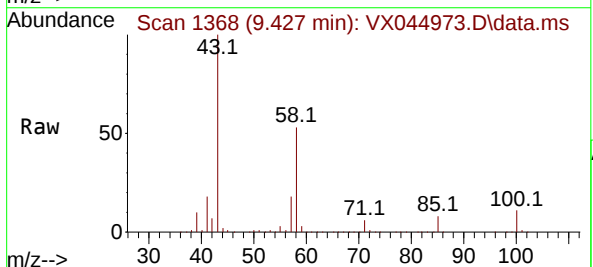
Acq: 14 Feb 2025 19:43

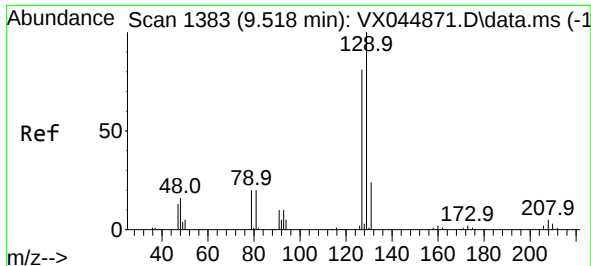
Tgt Ion: 43 Resp: 399403

Ion Ratio Lower Upper

43 100

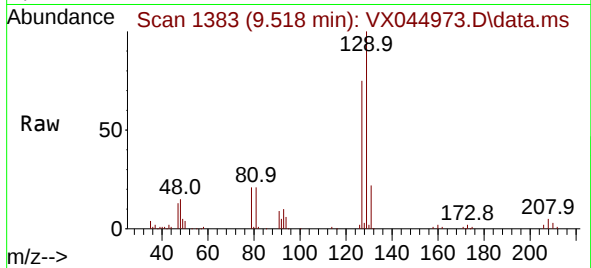
58 52.6 27.5 82.4





#60
Dibromochloromethane
Concen: 59.839 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

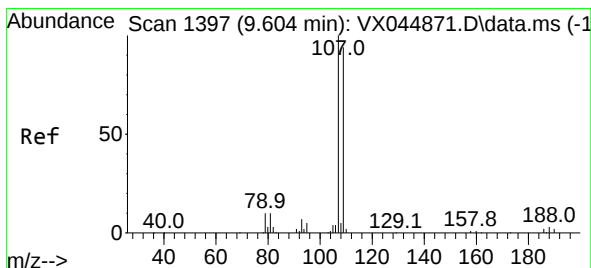
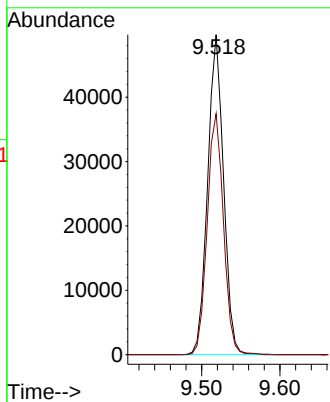
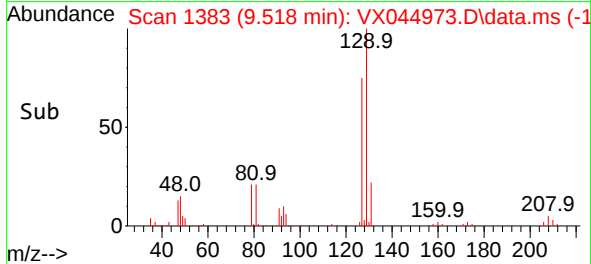
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion:129 Resp: 69860
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

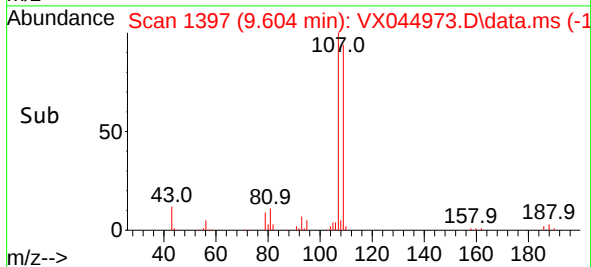
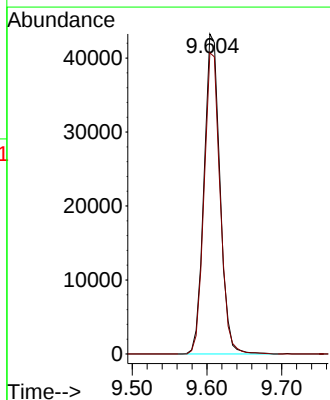
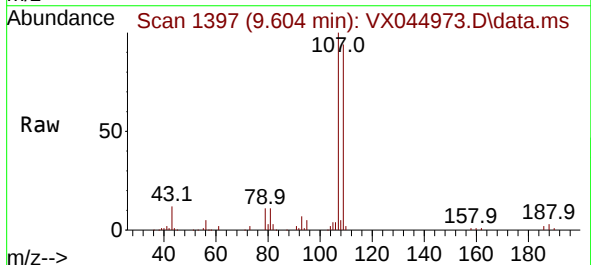
Manual Integrations
APPROVED

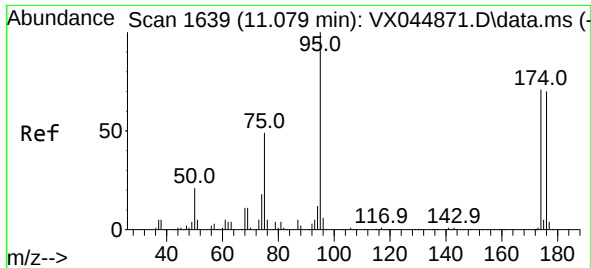
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#61
1,2-Dibromoethane
Concen: 57.823 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

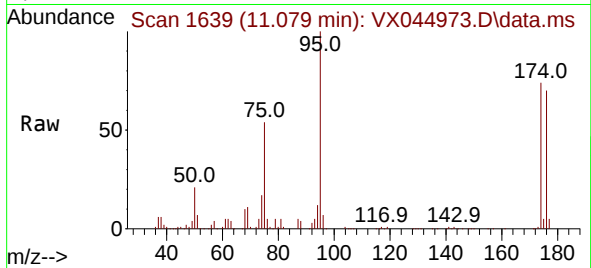
Tgt Ion:107 Resp: 63977
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9





#62
4-Bromofluorobenzene
Concen: 58.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

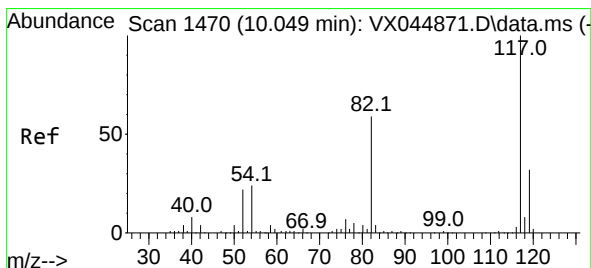
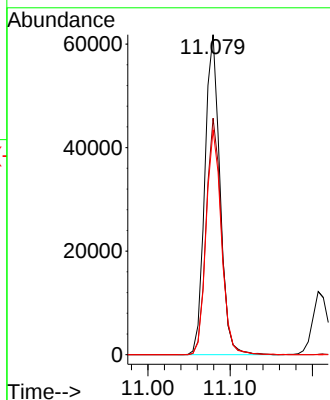
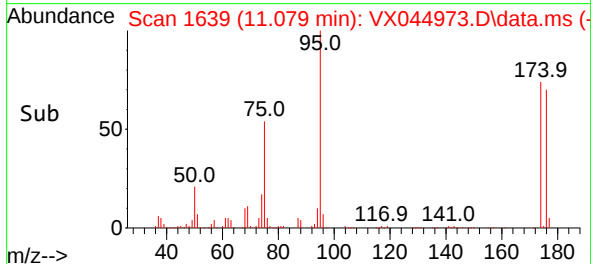
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



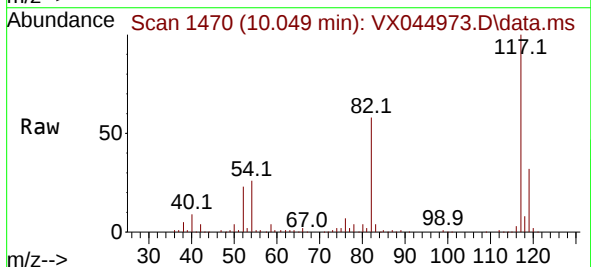
Tgt Ion: 95 Resp: 7900
Ion Ratio Lower Upper
95 100
174 74.1 0.0 142.6
176 71.1 0.0 141.6

Manual Integrations
APPROVED

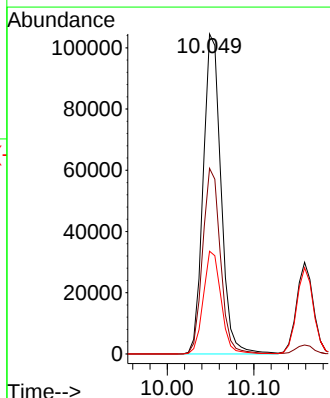
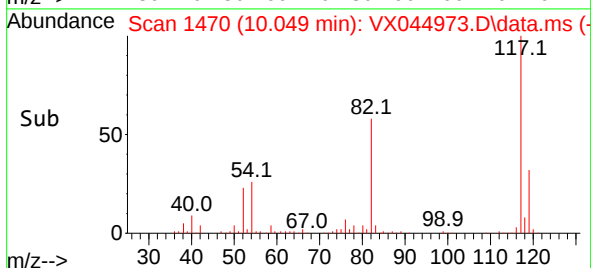
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

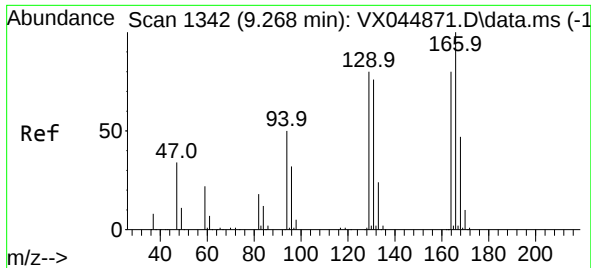


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



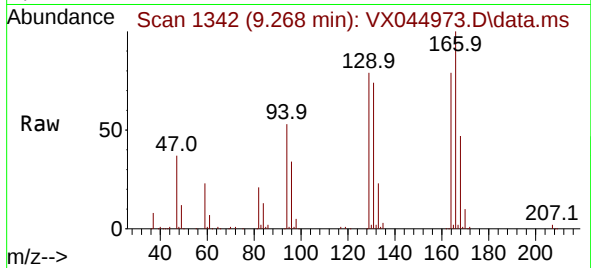
Tgt Ion:117 Resp: 149234
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 32.1 25.4 38.0





#64
Tetrachloroethene
Concen: 54.768 ug/l
RT: 9.268 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

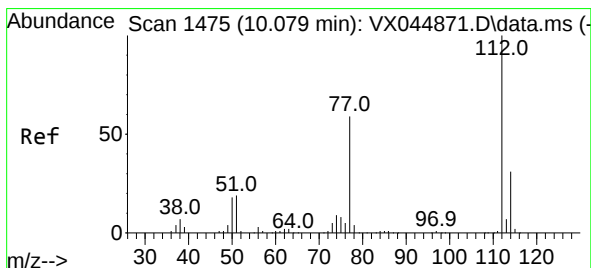
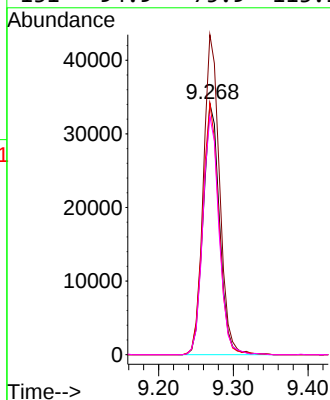
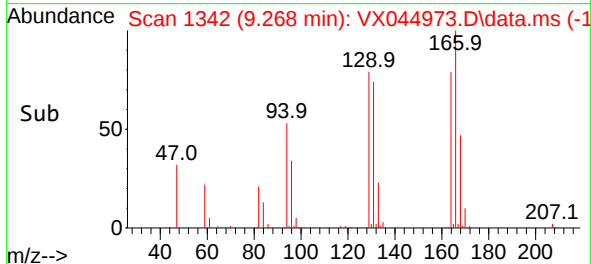
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion:164 Resp: 51544
Ion Ratio Lower Upper
164 100
166 127.4 100.4 150.6
129 100.1 79.9 119.9
131 94.9 75.9 113.9

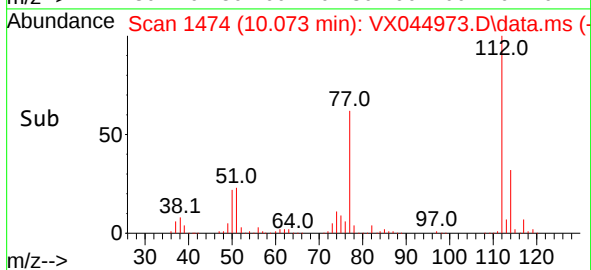
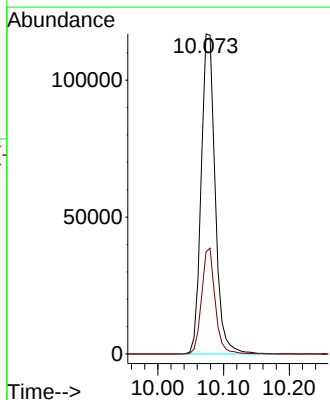
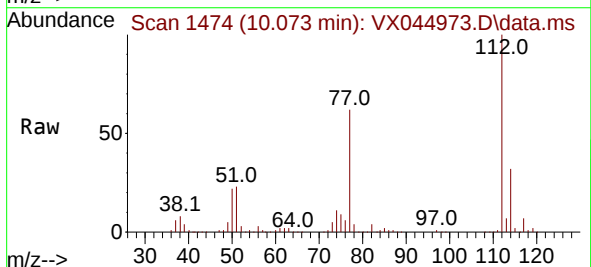
Manual Integrations
APPROVED

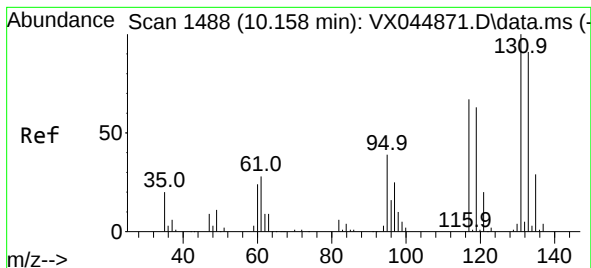
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#65
Chlorobenzene
Concen: 54.029 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

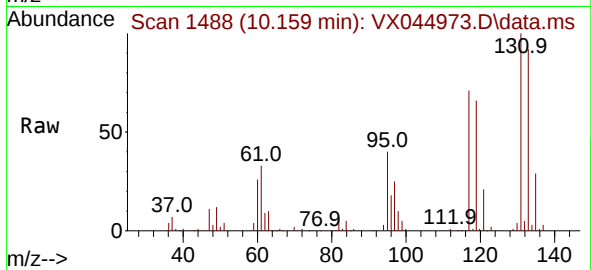
Tgt Ion:112 Resp: 173180
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6





#66
1,1,1,2-Tetrachloroethane
Concen: 55.050 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

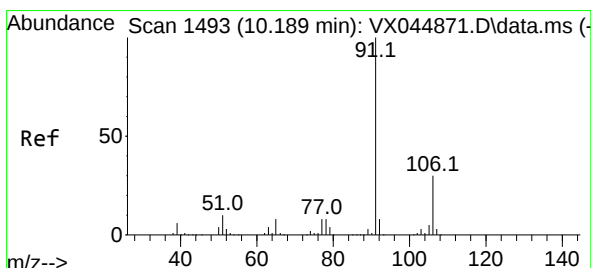
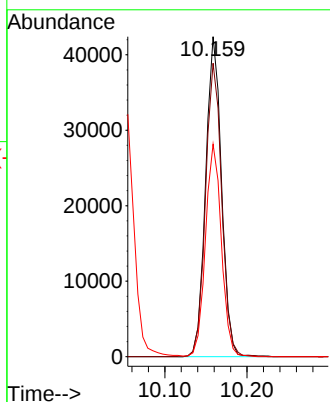
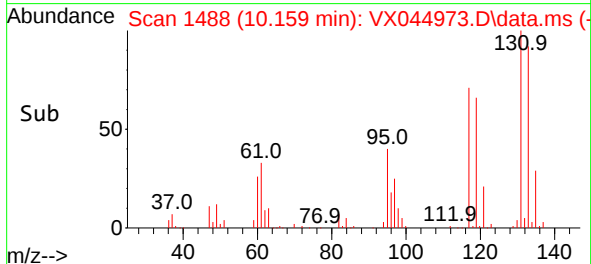
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion:131 Resp: 56798
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.3
119 66.8 33.6 100.6

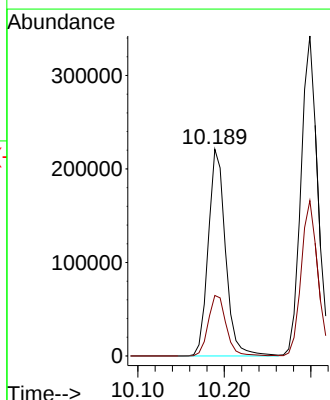
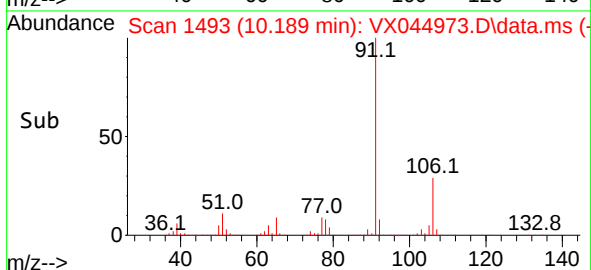
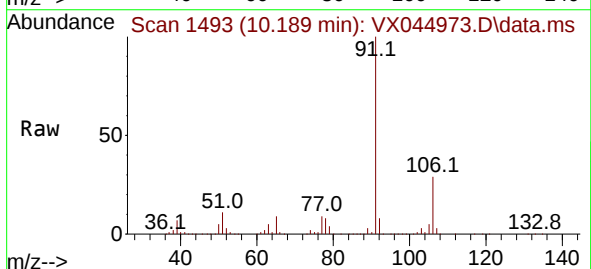
Manual Integrations
APPROVED

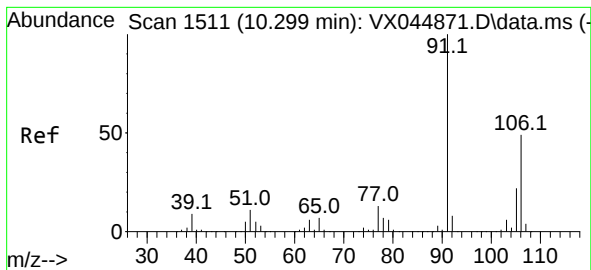
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#67
Ethyl Benzene
Concen: 54.182 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 91 Resp: 306477
Ion Ratio Lower Upper
91 100
106 29.3 23.9 35.9





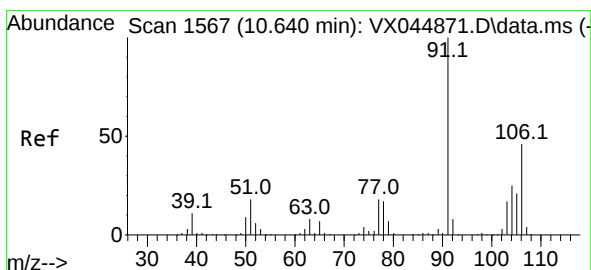
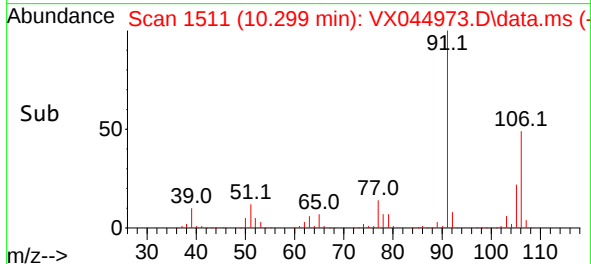
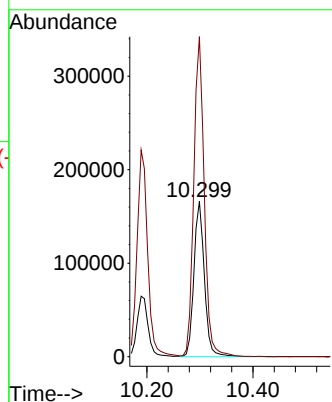
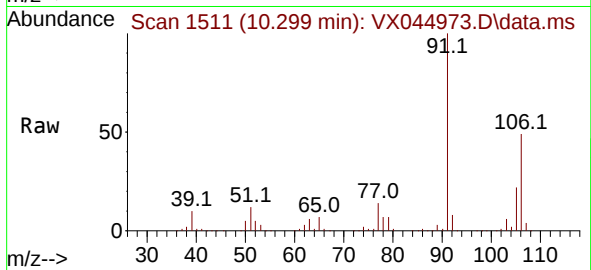
#68
m/p-Xylenes
Concen: 108.501 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion:106 Resp: 226392
Ion Ratio Lower Upper
106 100
91 206.6 164.3 246.5

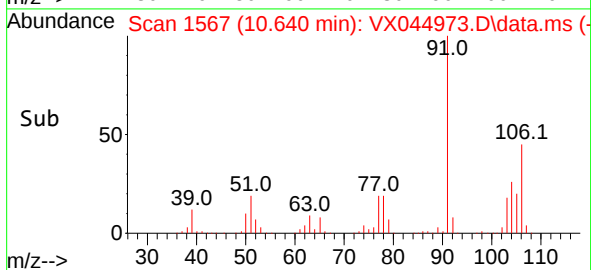
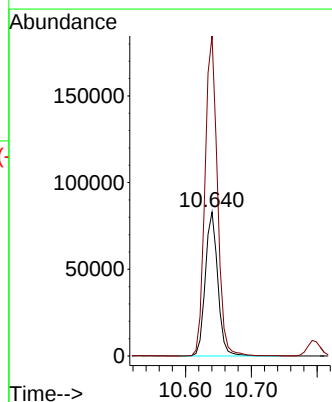
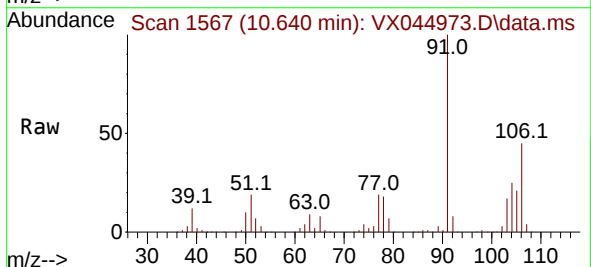
Manual Integrations
APPROVED

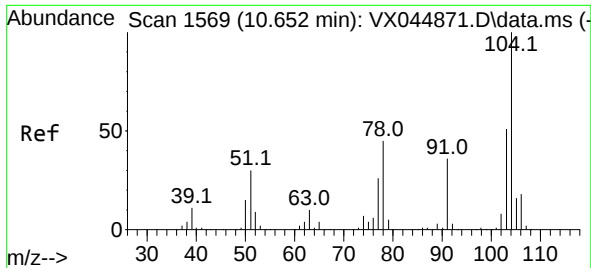
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#69
o-Xylene
Concen: 52.252 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion:106 Resp: 109398
Ion Ratio Lower Upper
106 100
91 222.5 108.5 325.5





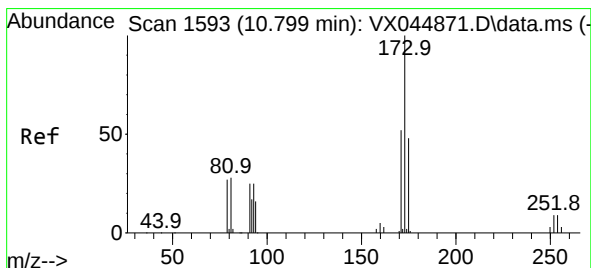
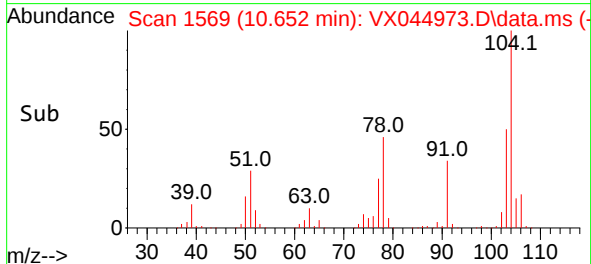
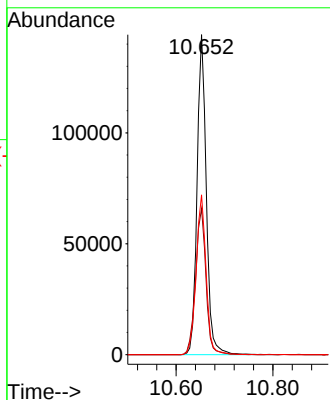
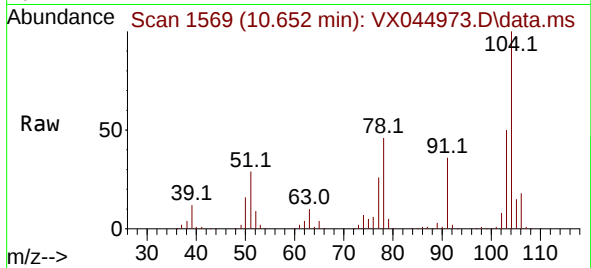
#70
Styrene
Concen: 56.585 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion:104 Resp: 190870
Ion Ratio Lower Upper
104 100
78 51.4 40.5 60.7
103 53.9 43.6 65.4

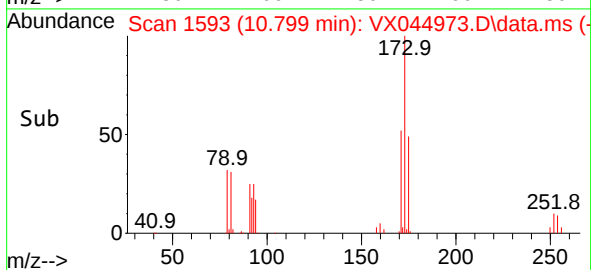
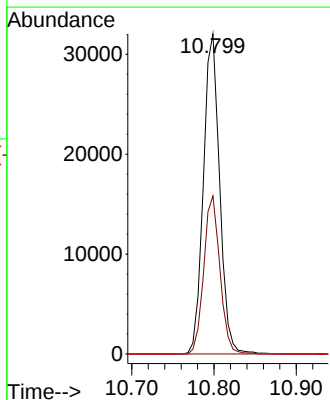
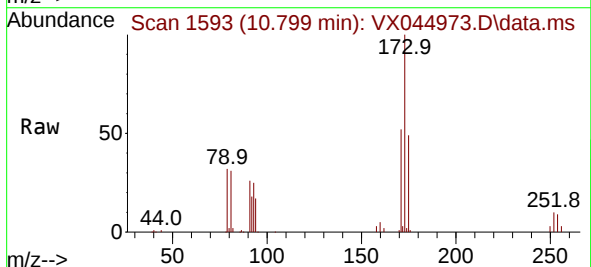
Manual Integrations
APPROVED

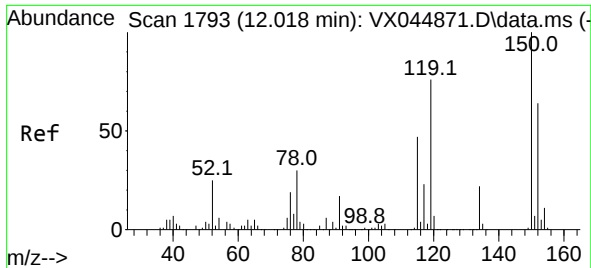
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#71
Bromoform
Concen: 57.210 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

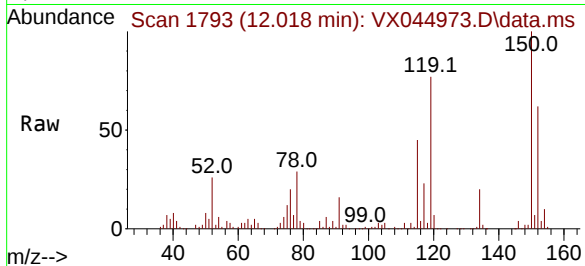
Tgt Ion:173 Resp: 44049
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

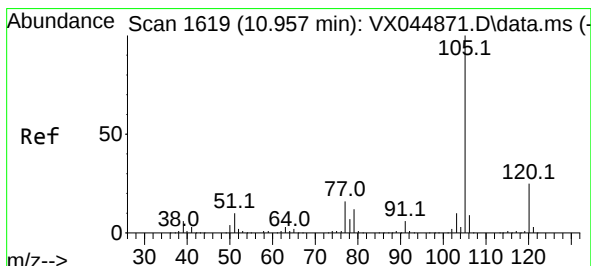
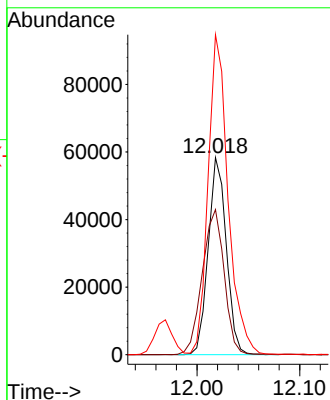
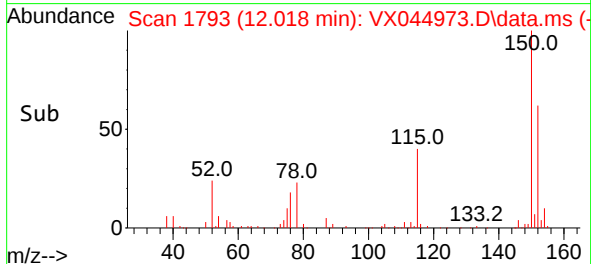
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



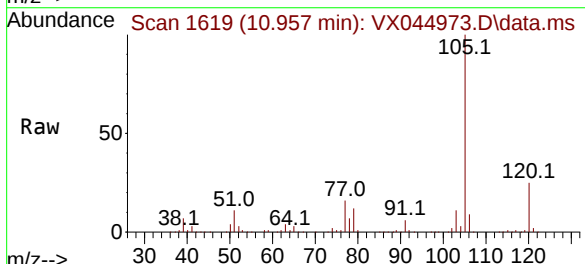
Tgt Ion:152 Resp: 71520
Ion Ratio Lower Upper
152 100
115 89.4 43.4 130.1
150 179.8 0.0 350.4

Manual Integrations
APPROVED

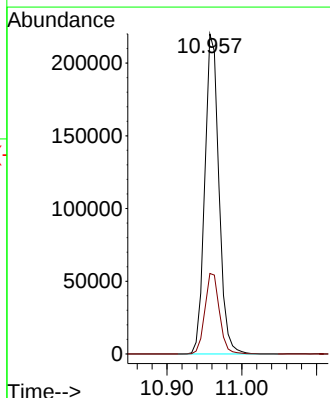
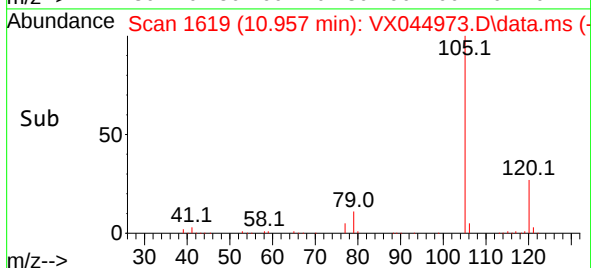
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

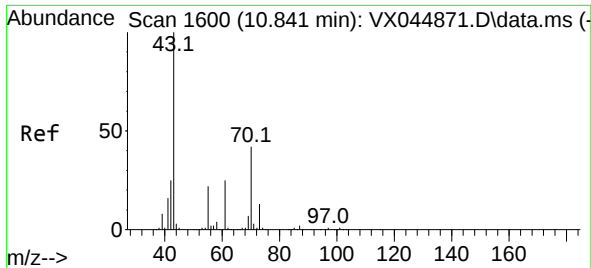


#73
Isopropylbenzene
Concen: 50.109 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



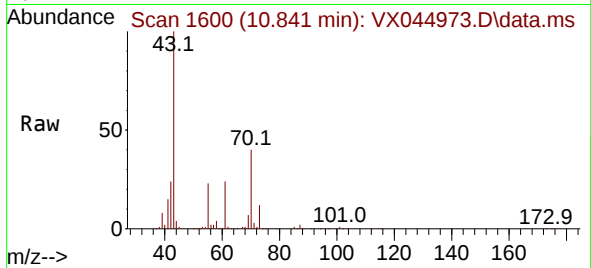
Tgt Ion:105 Resp: 288563
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5





#74
N-amy1 acetate
Concen: 52.596 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

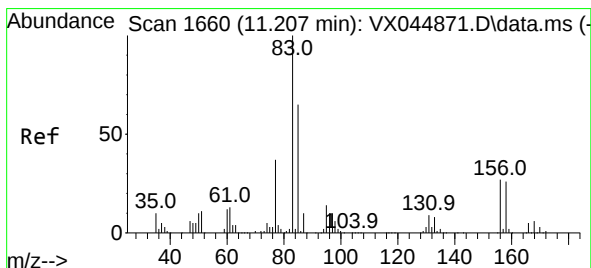
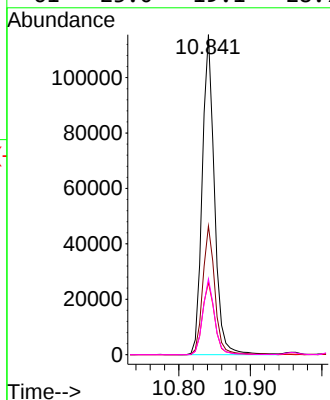
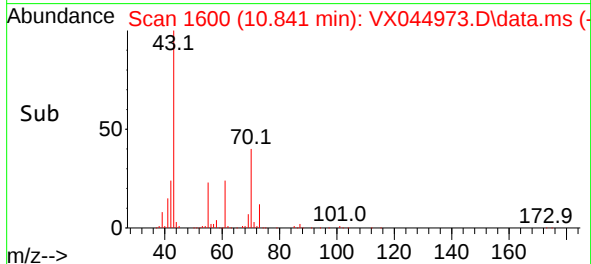
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



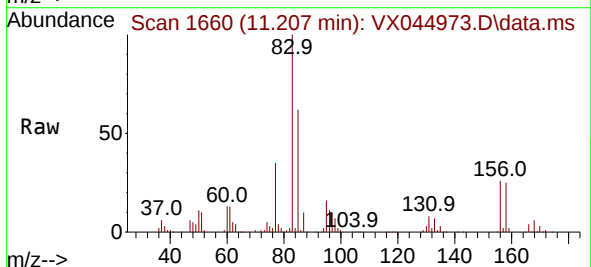
Tgt Ion: 43 Resp: 137060
Ion Ratio Lower Upper
43 100
70 39.8 33.7 50.5
55 22.6 18.6 27.8
61 23.0 19.1 28.7

Manual Integrations
APPROVED

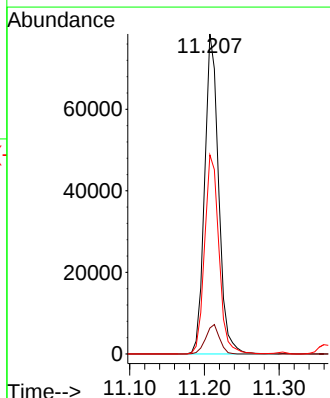
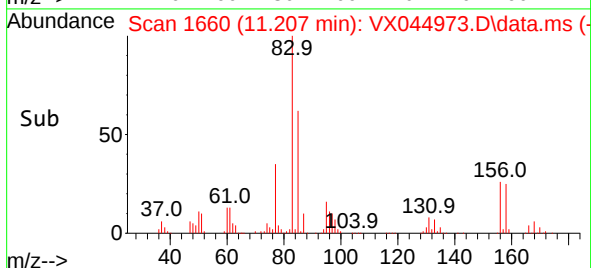
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

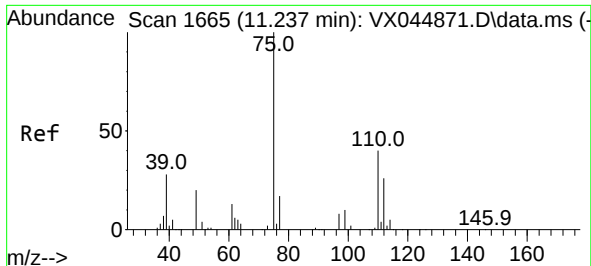


#75
1,1,2,2-Tetrachloroethane
Concen: 51.440 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



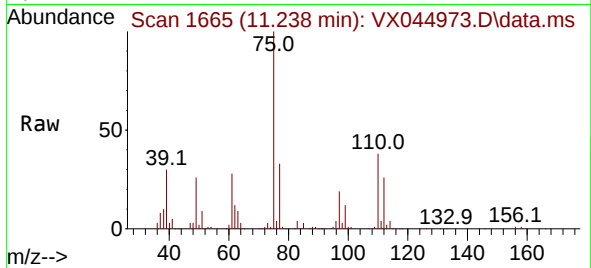
Tgt Ion: 83 Resp: 101793
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.5
85 63.8 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 52.446 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

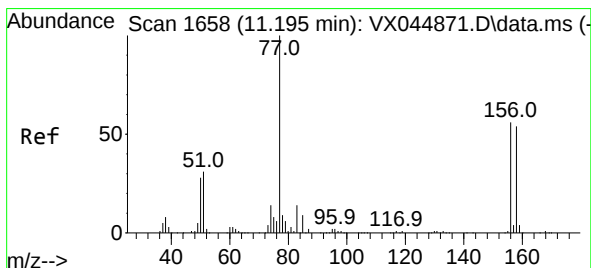
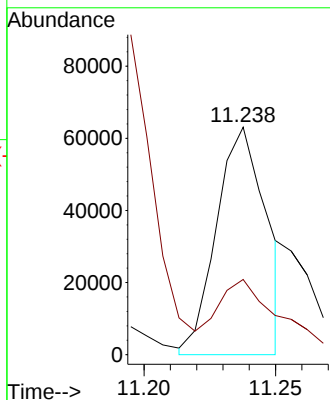
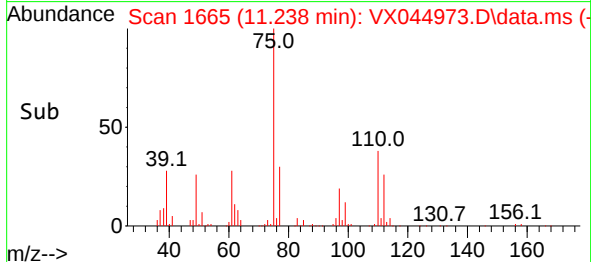
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



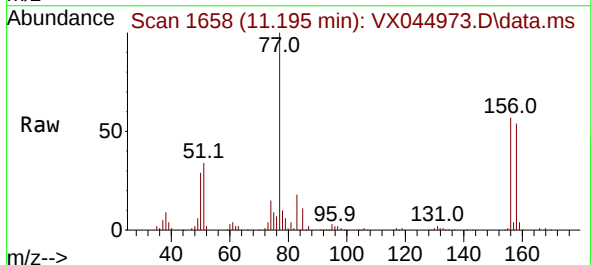
Tgt Ion: 75 Resp: 8316
Ion Ratio Lower Upper
75 100
77 42.1 21.9 65.7

Manual Integrations
APPROVED

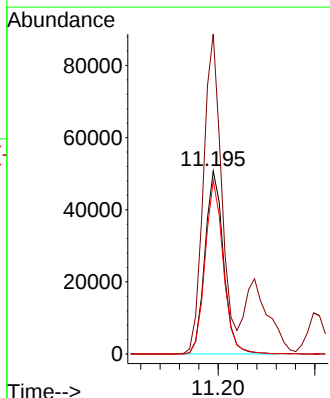
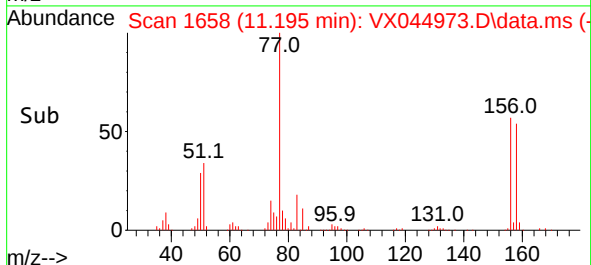
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

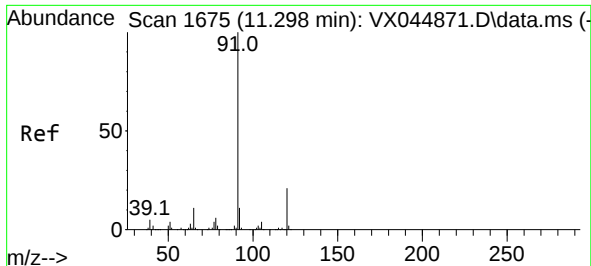


#77
Bromobenzene
Concen: 51.553 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



Tgt Ion:156 Resp: 67307
Ion Ratio Lower Upper
156 100
77 172.2 88.4 265.3
158 93.7 48.4 145.2





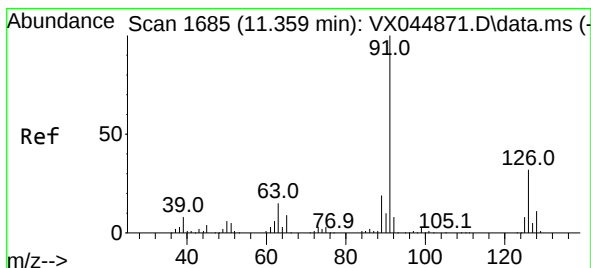
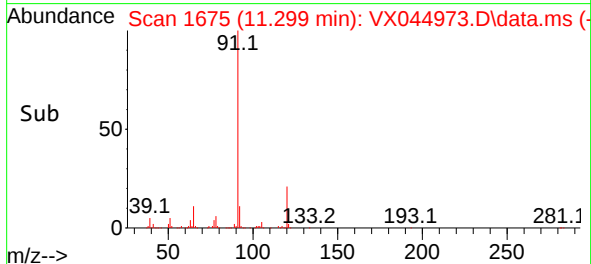
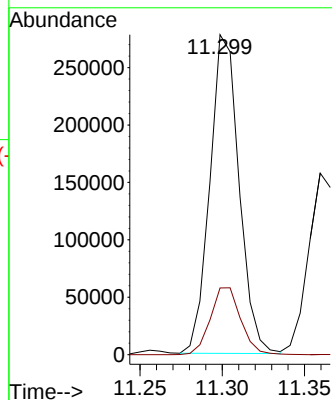
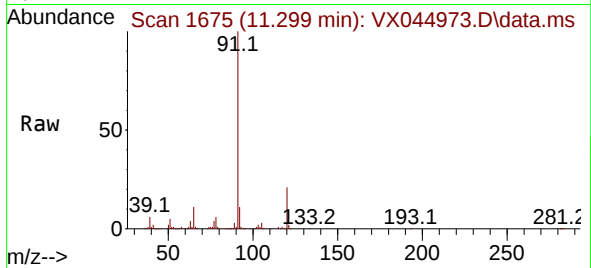
#78
n-propylbenzene
Concen: 51.617 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion: 91 Resp: 343091
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3

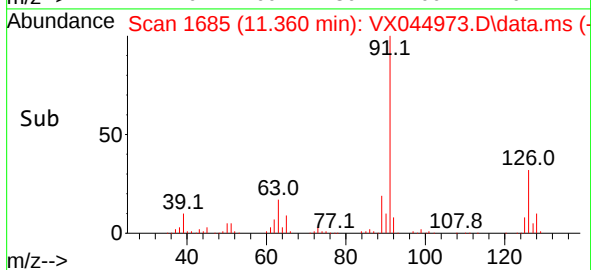
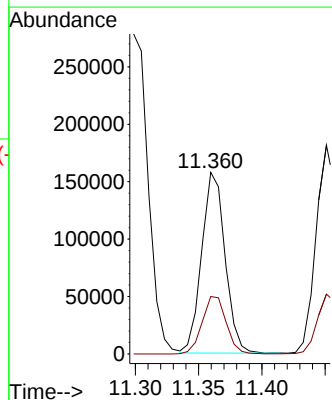
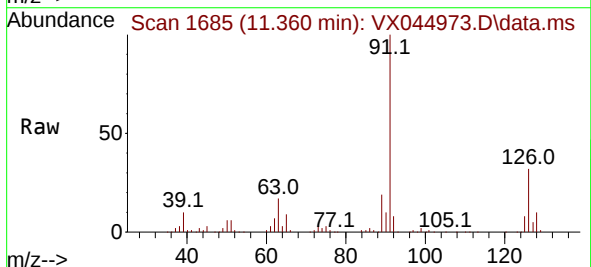
Manual Integrations
APPROVED

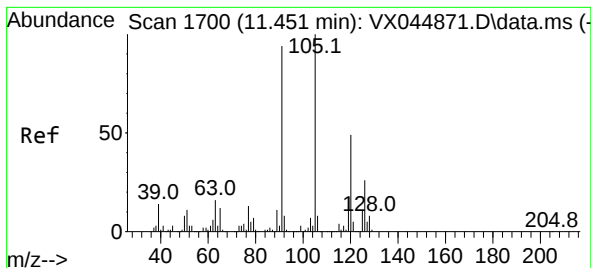
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#79
2-Chlorotoluene
Concen: 49.672 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Tgt Ion: 91 Resp: 202917
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 50.679 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MSD

Tgt Ion:105 Resp: 23683

Ion Ratio Lower Upper

105 100

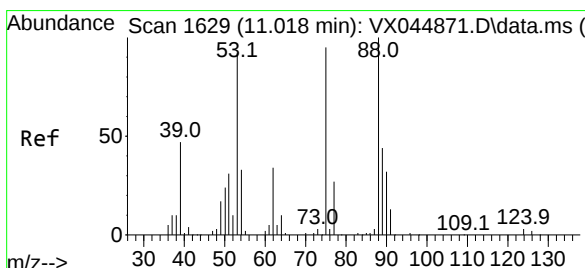
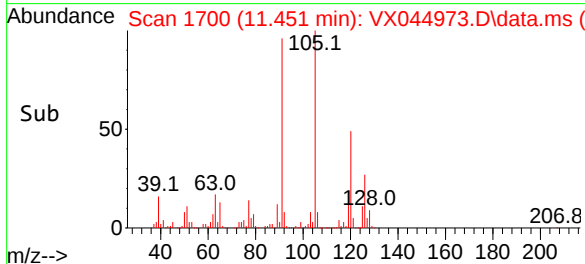
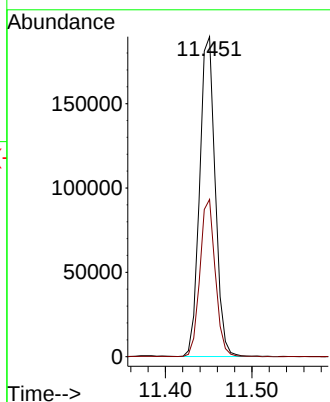
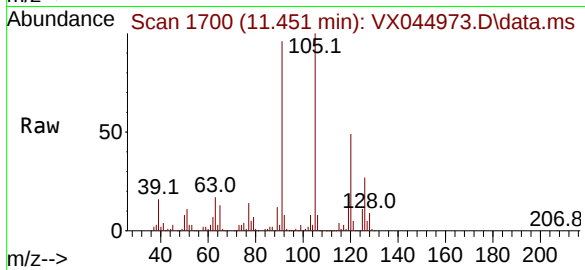
120 48.6 24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 45.849 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX044973.D

Acq: 14 Feb 2025 19:43

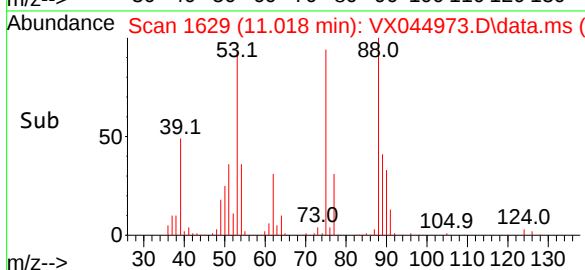
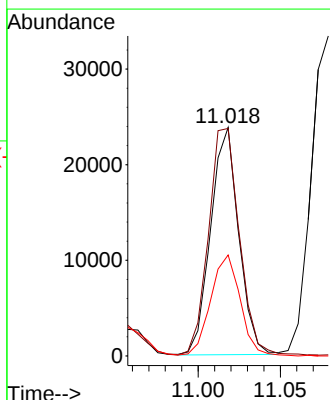
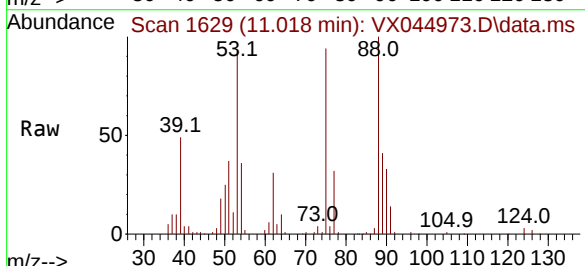
Tgt Ion: 75 Resp: 28263

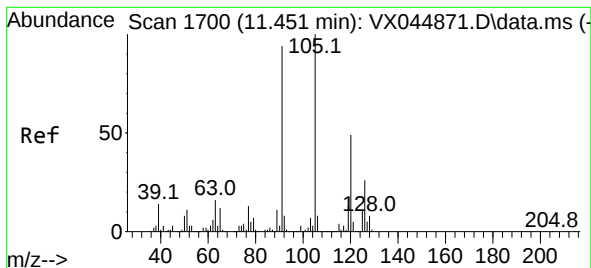
Ion Ratio Lower Upper

75 100

53 109.5 78.0 117.0

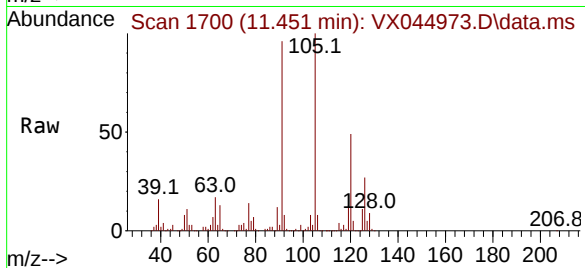
89 46.9 36.6 54.8





#82
4-Chlorotoluene
Concen: 51.006 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

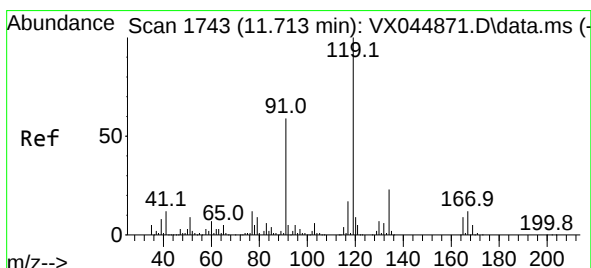
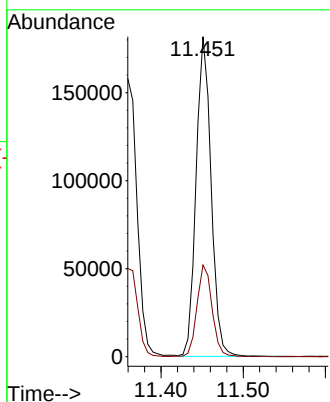
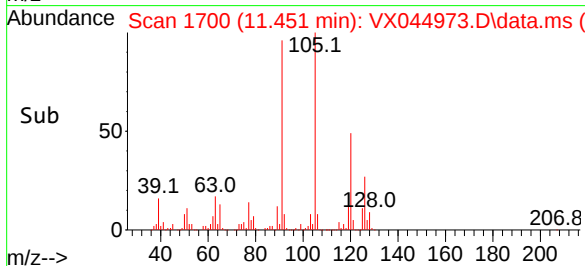
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



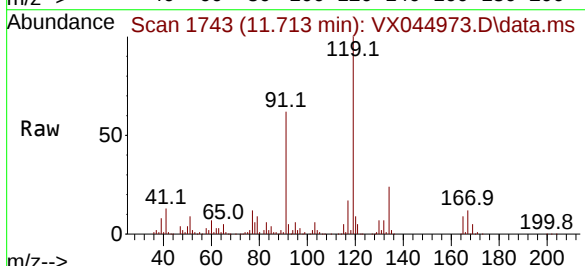
Tgt Ion: 91 Resp: 230524
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6

Manual Integrations
APPROVED

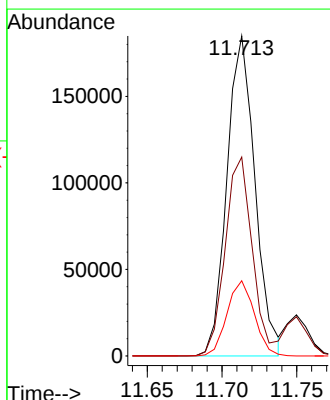
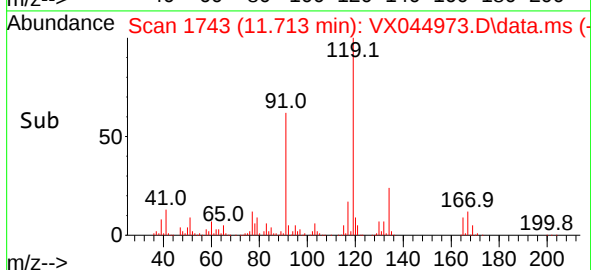
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

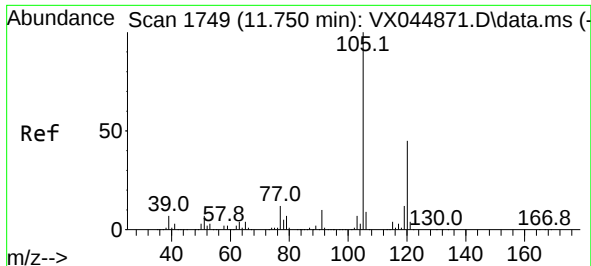


#83
tert-Butylbenzene
Concen: 51.139 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



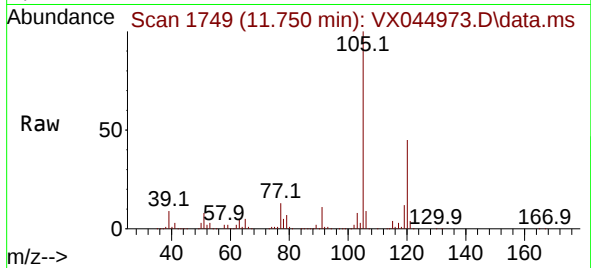
Tgt Ion:119 Resp: 241761
Ion Ratio Lower Upper
119 100
91 59.2 29.1 87.4
134 22.9 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 52.135 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

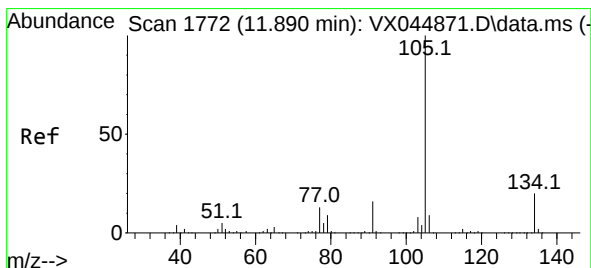
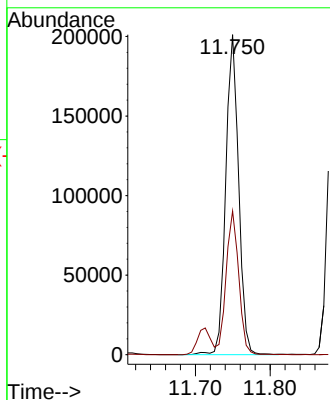
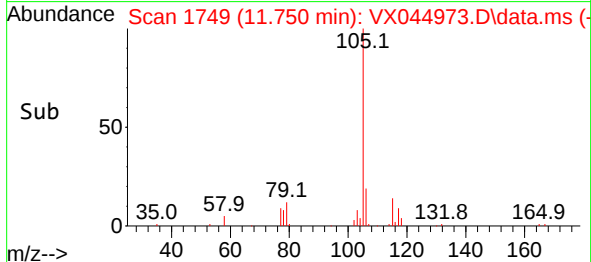
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



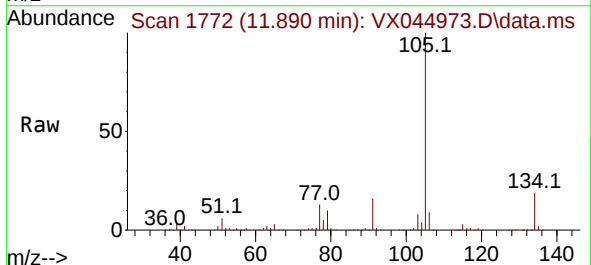
Tgt Ion:105 Resp: 240460
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0

Manual Integrations
APPROVED

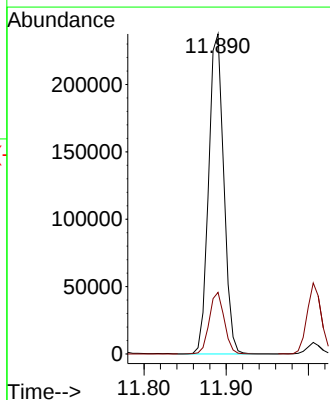
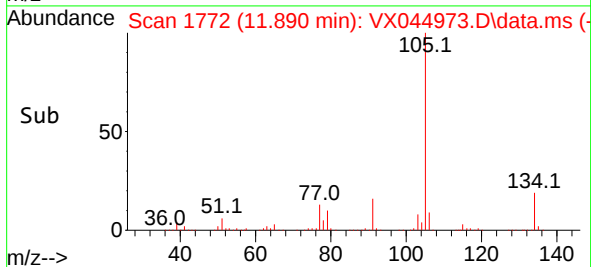
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

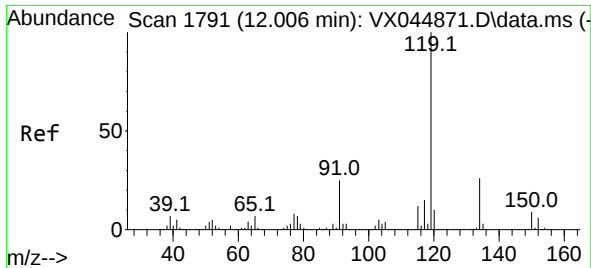


#85
sec-Butylbenzene
Concen: 51.899 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



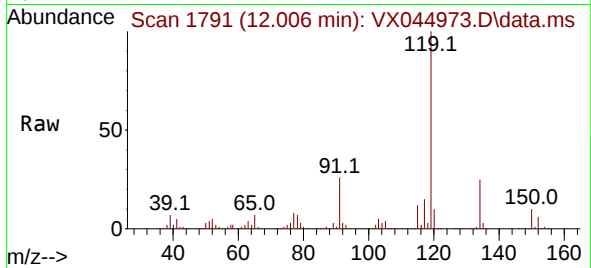
Tgt Ion:105 Resp: 303826
Ion Ratio Lower Upper
105 100
134 19.0 9.8 29.3





#86
p-Isopropyltoluene
Concen: 53.120 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

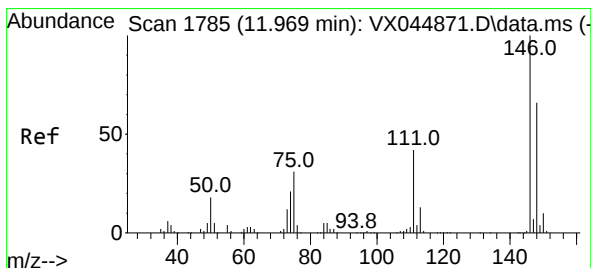
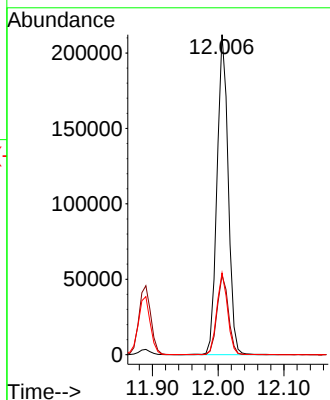
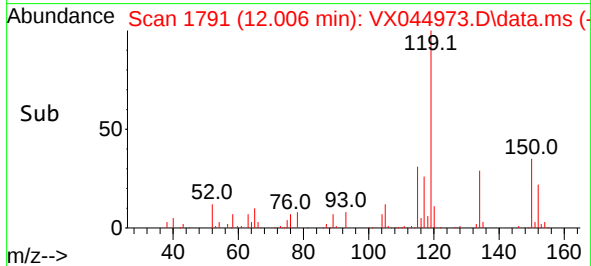
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



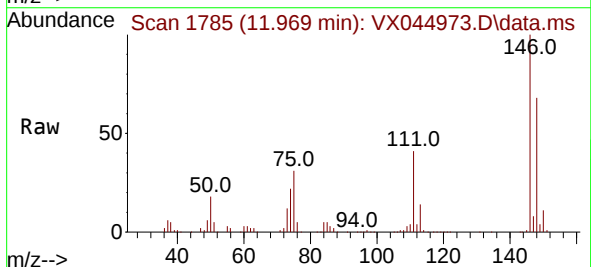
Tgt Ion:119 Resp: 250079
Ion Ratio Lower Upper
119 100
134 25.2 13.0 38.9
91 24.8 12.1 36.3

Manual Integrations
APPROVED

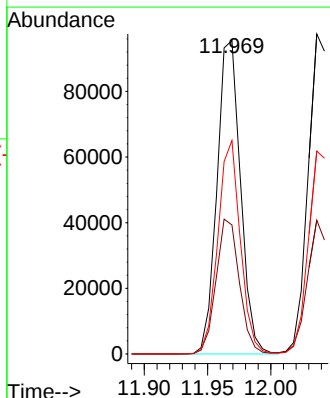
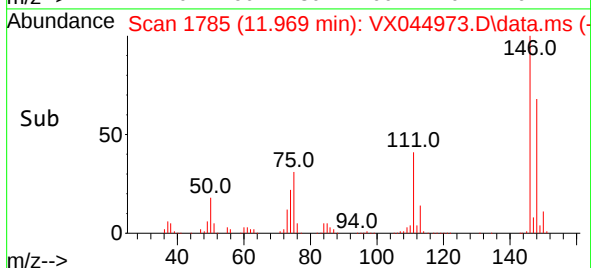
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

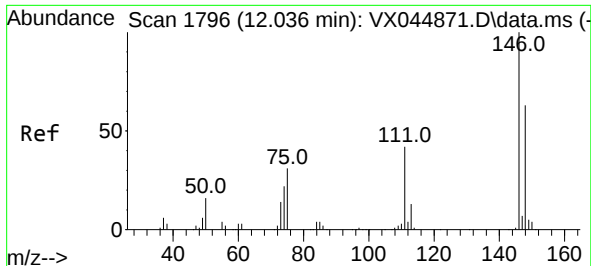


#87
1,3-Dichlorobenzene
Concen: 51.365 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



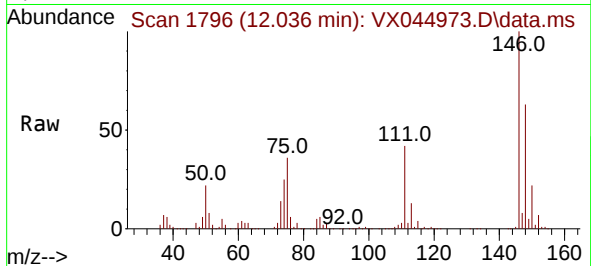
Tgt Ion:146 Resp: 123323
Ion Ratio Lower Upper
146 100
111 42.7 21.2 63.6
148 65.0 32.5 97.5





#88
1,4-Dichlorobenzene
Concen: 51.699 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

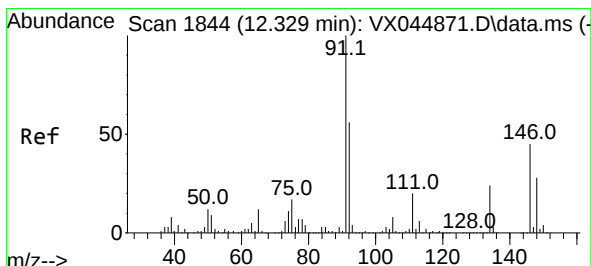
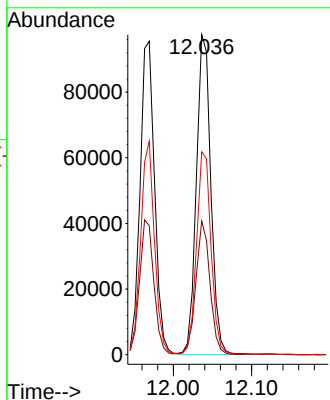
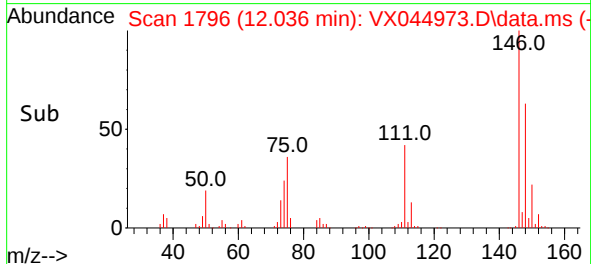
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



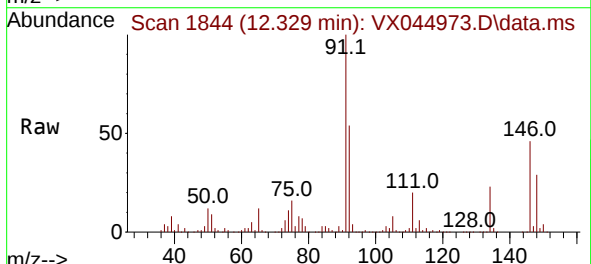
Tgt Ion:146 Resp: 125500
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 63.2 32.0 96.0

Manual Integrations
APPROVED

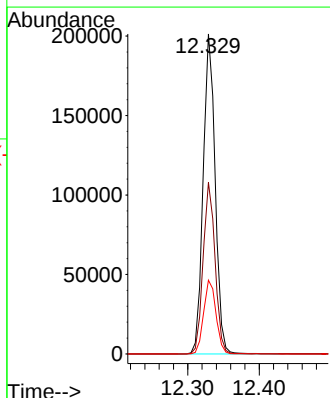
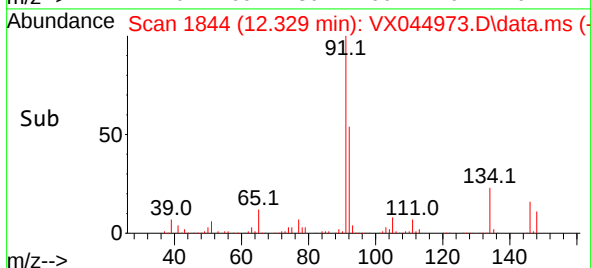
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

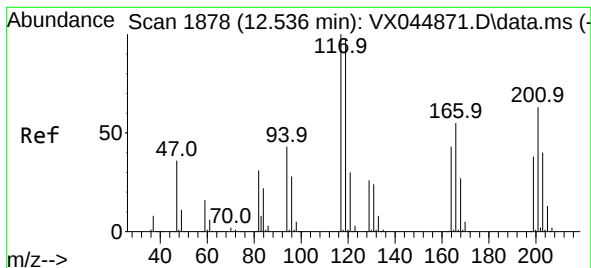


#89
n-Butylbenzene
Concen: 56.462 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



Tgt Ion: 91 Resp: 235160
Ion Ratio Lower Upper
91 100
92 53.4 27.2 81.6
134 23.8 12.1 36.3





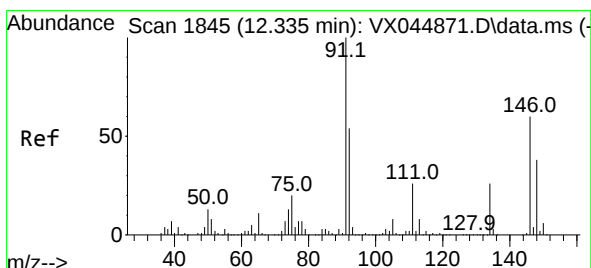
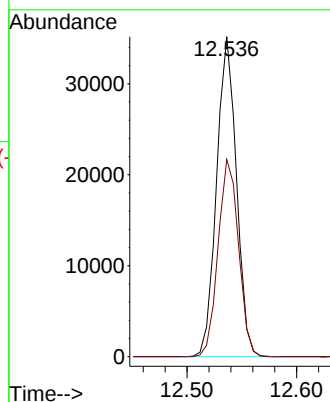
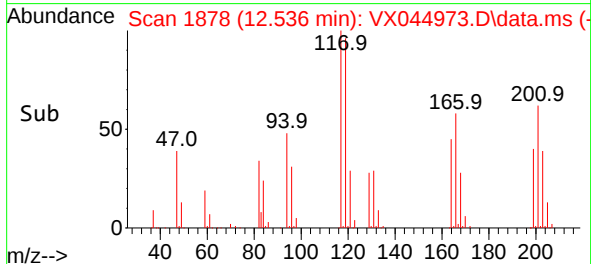
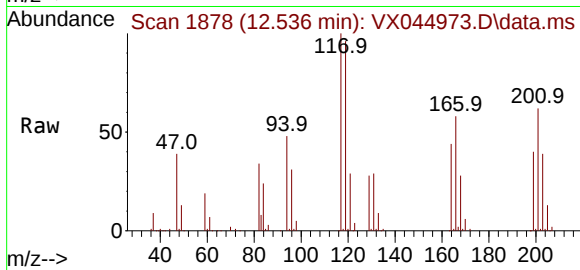
#90
Hexachloroethane
Concen: 50.229 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD

Tgt Ion:117 Resp: 4427
Ion Ratio Lower Upper
117 100
201 63.5 32.5 97.5

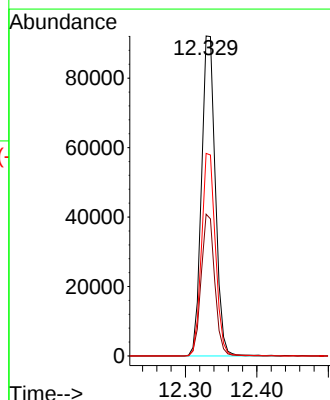
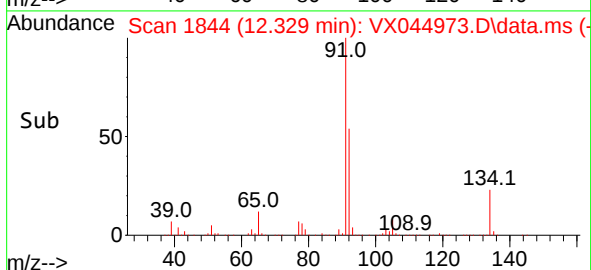
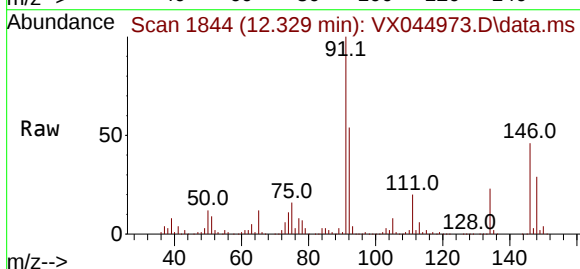
Manual Integrations
APPROVED

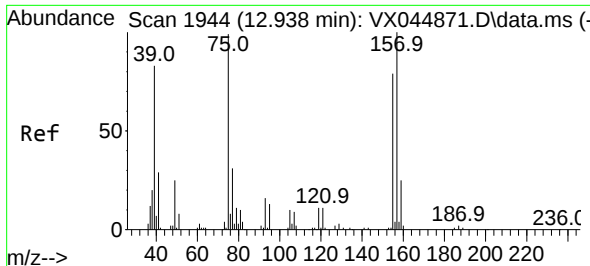
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#91
1,2-Dichlorobenzene
Concen: 52.424 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

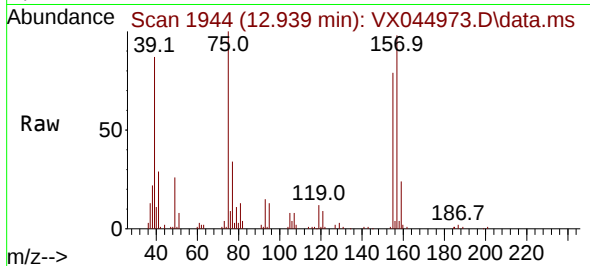
Tgt Ion:146 Resp: 123702
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.4
148 63.7 31.9 95.9





#92
1,2-Dibromo-3-Chloropropane
Concen: 56.526 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

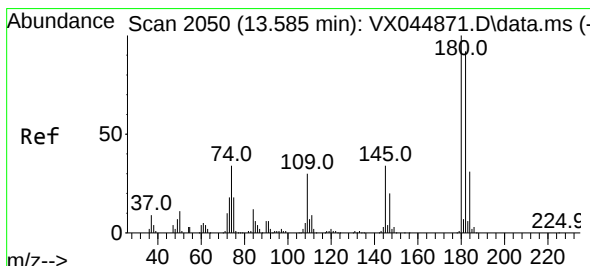
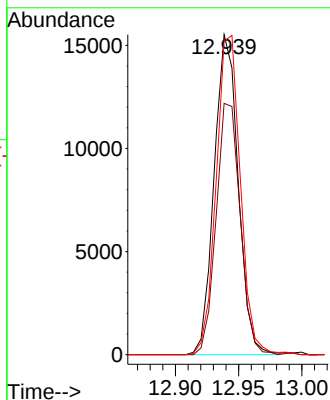
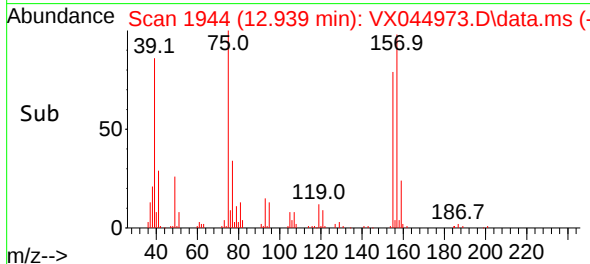
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



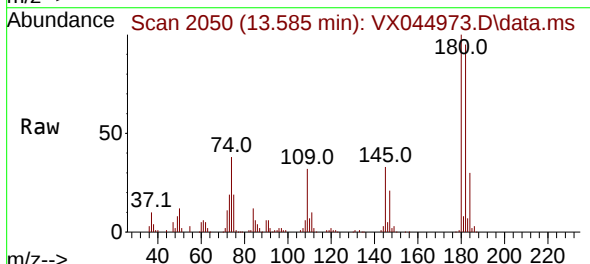
Tgt Ion: 75 Resp: 2041
Ion Ratio Lower Upper
75 100
155 78.8 40.5 121.4
157 101.1 51.4 154.3

Manual Integrations
APPROVED

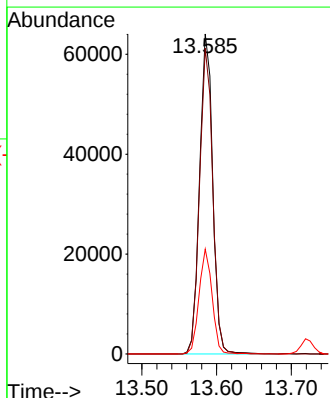
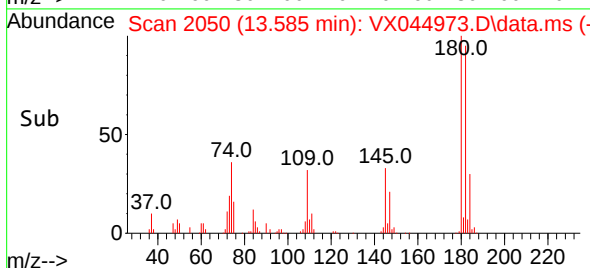
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

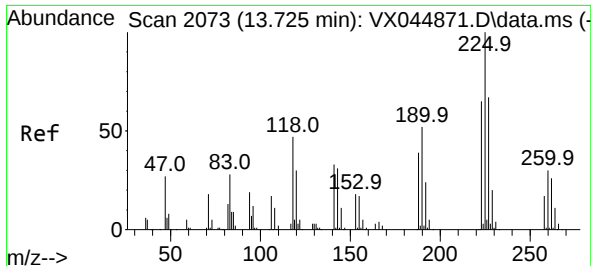


#93
1,2,4-Trichlorobenzene
Concen: 54.612 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43



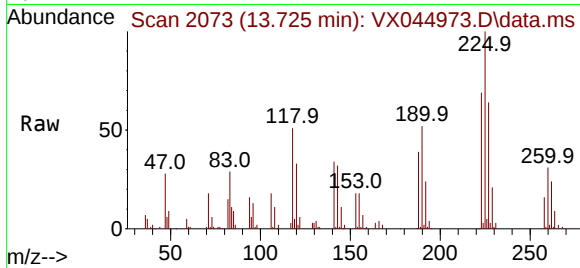
Tgt Ion:180 Resp: 77977
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.8
145 32.7 16.4 49.1





#94
Hexachlorobutadiene
Concen: 52.388 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

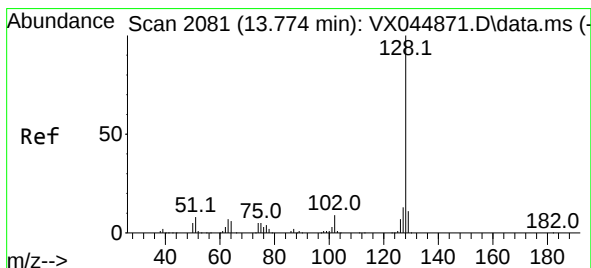
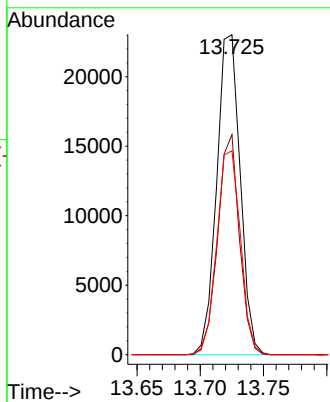
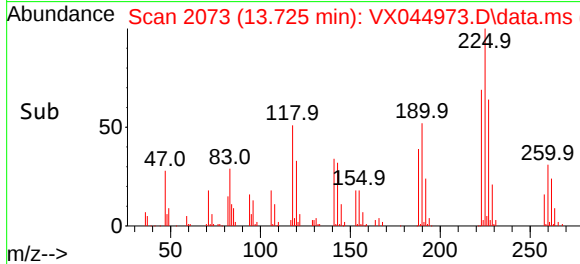
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MSD



Tgt Ion:225 Resp: 29698
Ion Ratio Lower Upper
225 100
223 63.5 31.4 94.2
227 64.3 32.3 96.8

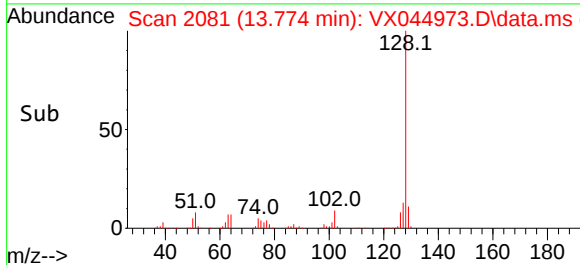
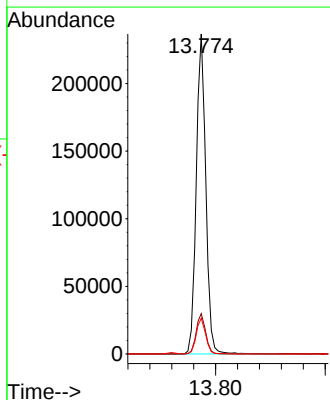
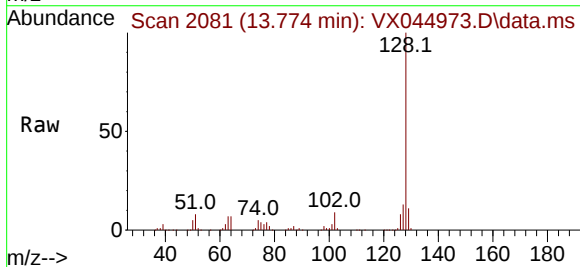
Manual Integrations
APPROVED

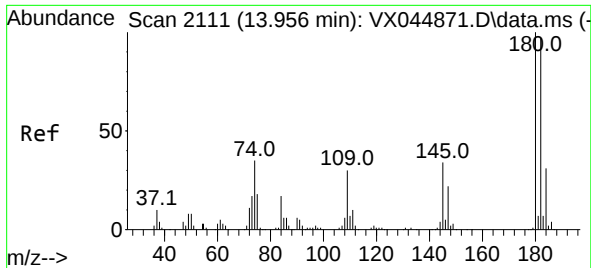
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#95
Naphthalene
Concen: 55.637 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044973.D
Acq: 14 Feb 2025 19:43

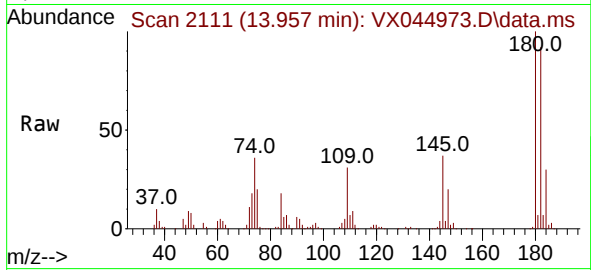
Tgt Ion:128 Resp: 287168
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 54.842 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX044973.D
 Acq: 14 Feb 2025 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MSD



Tgt Ion:180 Resp: 78904
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.9 143.6
 145 35.5 17.1 51.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

