

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX044999.D
 Acq On : 19 Feb 2025 12:06
 Operator : JC/MD
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 02:35:23 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	5.550	168	108230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	197953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	168480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82958	52.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.720%			
35) Dibromofluoromethane	5.373	113	66432	51.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.647	98	242972	49.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	11.079	95	82350	50.192	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26011	17.135	ug/l	97
3) Chloromethane	1.294	50	29405	15.916	ug/l	99
4) Vinyl Chloride	1.374	62	28826	16.105	ug/l	97
5) Bromomethane	1.593	94	9817	18.329	ug/l	100
6) Chloroethane	1.672	64	21728	29.181	ug/l	91
7) Trichlorofluoromethane	1.880	101	40281	17.796	ug/l	97
8) Diethyl Ether	2.129	74	14844	18.083	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	24177	17.679	ug/l	99
10) Methyl Iodide	2.446	142	23687	13.364	ug/l	96
11) Tert butyl alcohol	2.971	59	22511	76.591	ug/l	99
12) 1,1-Dichloroethene	2.312	96	23821	17.076	ug/l	98
13) Acrolein	2.233	56	25294	83.411	ug/l	96
14) Allyl chloride	2.660	41	42128	16.710	ug/l	97
15) Acrylonitrile	3.062	53	66846	85.182	ug/l	97
16) Acetone	2.379	43	56868	89.289	ug/l	94
17) Carbon Disulfide	2.507	76	56420	14.749	ug/l	96
18) Methyl Acetate	2.703	43	36146	17.985	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	75357	16.978	ug/l	99
20) Methylene Chloride	2.788	84	26572	17.033	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	23182	16.884	ug/l	95
22) Diisopropyl ether	3.757	45	84350	17.685	ug/l	95
23) Vinyl Acetate	3.715	43	334014	85.898	ug/l	97
24) 1,1-Dichloroethane	3.605	63	46730	17.510	ug/l	97
25) 2-Butanone	4.550	43	91022	88.011	ug/l	91
26) 2,2-Dichloropropane	4.464	77	34503	16.302	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	28593	17.338	ug/l	98
28) Bromochloromethane	4.885	49	24932	19.439	ug/l	99
29) Tetrahydrofuran	5.001	42	59735	86.984	ug/l	98
30) Chloroform	5.086	83	47015	18.165	ug/l	98
31) Cyclohexane	5.458	56	41737	16.964	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	38946	17.741	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31126	16.763	ug/l	100
37) Ethyl Acetate	4.702	43	34312	16.613	ug/l	98
38) Carbon Tetrachloride	5.665	117	32104	17.644	ug/l	98
39) Methylcyclohexane	7.372	83	40686	16.948	ug/l	99
40) Benzene	6.031	78	100130	17.269	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19580	17.712	ug/l	99
42) 1,2-Dichloroethane	6.080	62	35123	19.007	ug/l	100
43) Isopropyl Acetate	6.336	43	55948	16.775	ug/l	98
44) Trichloroethene	7.122	130	23043	17.387	ug/l	93
45) 1,2-Dichloropropane	7.427	63	25633	17.770	ug/l	99
46) Dibromomethane	7.574	93	17850	17.844	ug/l	97
47) Bromodichloromethane	7.817	83	35404	18.278	ug/l	95
48) Methyl methacrylate	7.689	41	27013	17.178	ug/l	99
49) 1,4-Dioxane	7.659	88	11576	343.099	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	186123	91.795	ug/l	96
52) Toluene	8.714	92	61087	17.691	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31514	16.077	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	37932	17.356	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	23754	17.895	ug/l	99
56) Ethyl methacrylate	9.116	69	35857	16.725	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41849	18.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	88245	83.829	ug/l	100
59) 2-Hexanone	9.427	43	134195	91.857	ug/l	96
60) Dibromochloromethane	9.518	129	25149	17.715	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22976	17.077	ug/l	100
64) Tetrachloroethene	9.268	164	19163	18.036	ug/l	95
65) Chlorobenzene	10.073	112	66743	18.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20956	17.992	ug/l	99
67) Ethyl Benzene	10.189	91	114602	17.946	ug/l	100
68) m/p-Xylenes	10.299	106	86005	36.510	ug/l	98
69) o-Xylene	10.640	106	42774	18.096	ug/l	98
70) Styrene	10.652	104	70180	18.429	ug/l	99
71) Bromoform	10.799	173	15131	17.407	ug/l #	99
73) Isopropylbenzene	10.957	105	110068	17.748	ug/l	100
74) N-amyl acetate	10.841	43	47317	16.860	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	36798	17.267	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29248m	17.127	ug/l	
77) Bromobenzene	11.195	156	25697	18.276	ug/l	97
78) n-propylbenzene	11.299	91	129177	18.046	ug/l	100
79) 2-Chlorotoluene	11.360	91	78368	17.813	ug/l	98
80) 1,3,5-Trimethylbenzene	11.445	105	91771	18.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8239	12.411	ug/l	87
82) 4-Chlorotoluene	11.451	91	87455	17.968	ug/l	100
83) tert-Butylbenzene	11.713	119	91738	18.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91351	18.391	ug/l	100
85) sec-Butylbenzene	11.890	105	116480	18.475	ug/l	99
86) p-Isopropyltoluene	12.006	119	93192	18.381	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46375	17.936	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	47780	18.276	ug/l	99
89) n-Butylbenzene	12.329	91	82080	18.299	ug/l	98
90) Hexachloroethane	12.536	117	14816	15.607	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	47522	18.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6669	17.146	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27532	17.905	ug/l	98
94) Hexachlorobutadiene	13.719	225	11251	18.431	ug/l	98
95) Naphthalene	13.774	128	99717	17.939	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	27924	18.022	ug/l	99

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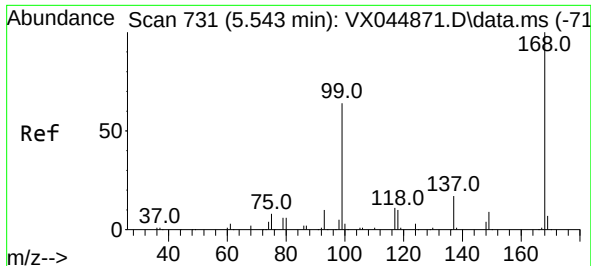
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

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QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

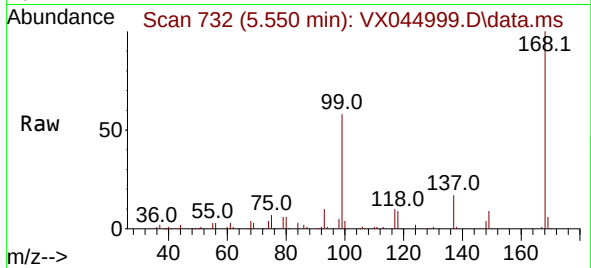
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
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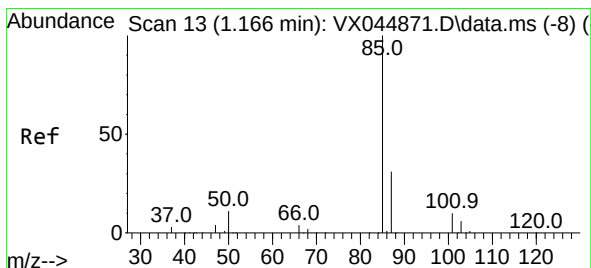
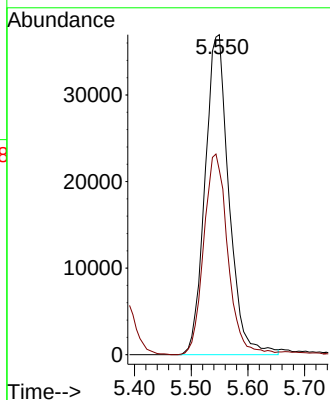
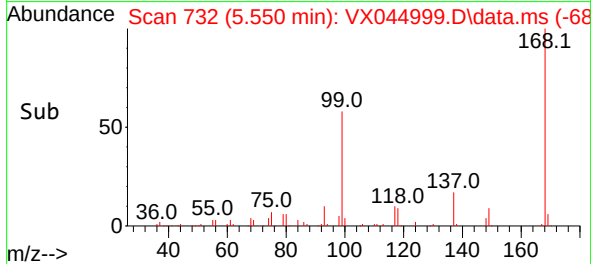
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion:168 Resp: 108230
Ion Ratio Lower Upper
168 100
99 57.6 51.2 76.8

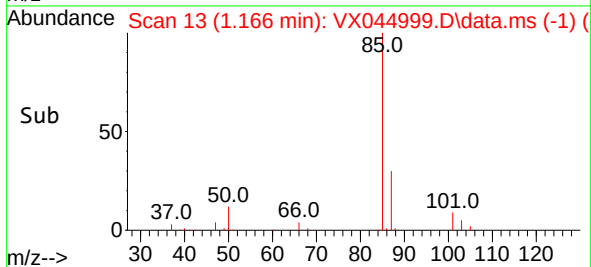
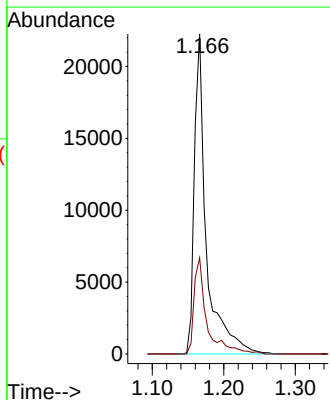
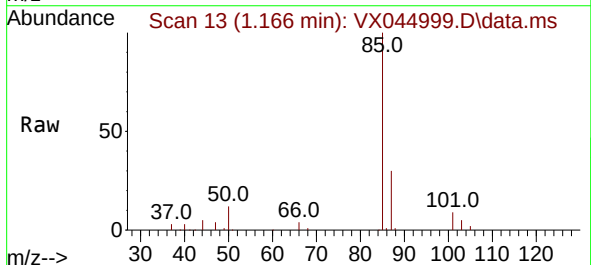
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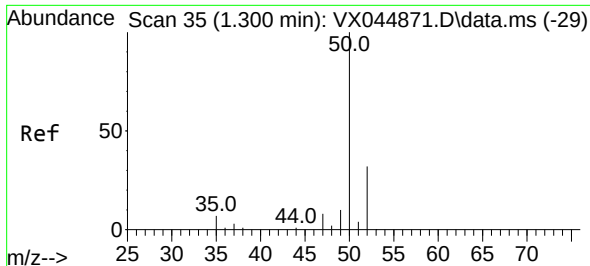
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#2
Dichlorodifluoromethane
Concen: 17.135 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 85 Resp: 26011
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.3





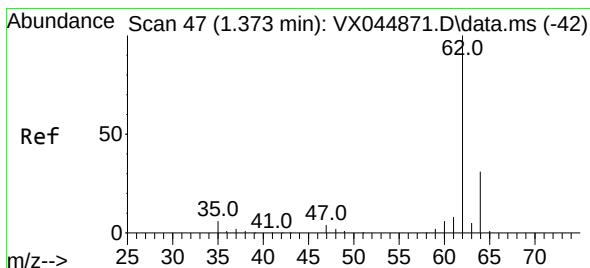
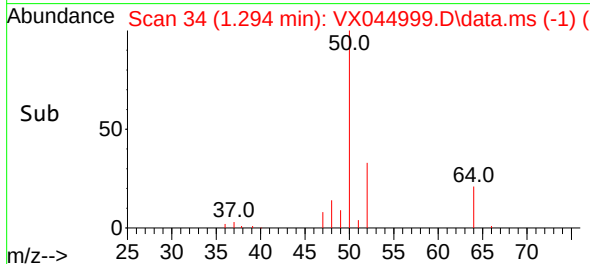
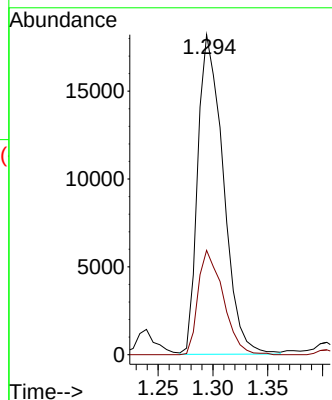
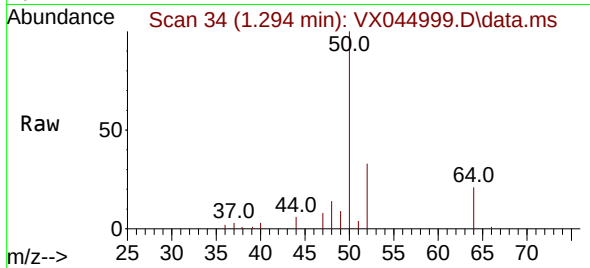
#3
Chloromethane
Concen: 15.916 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

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Tgt Ion: 50 Resp: 2940
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

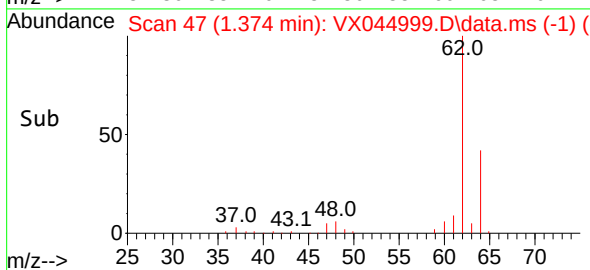
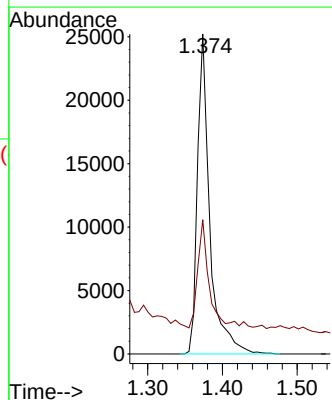
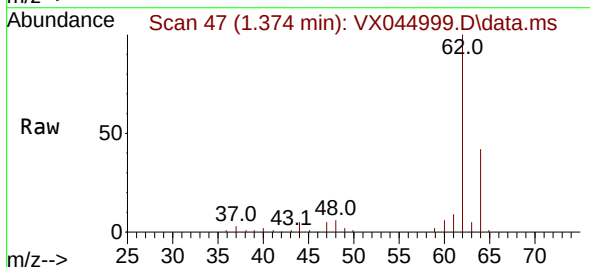
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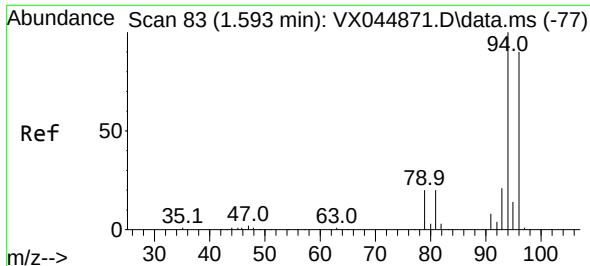
Reviewed By :John Carlone 02/20/2025
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#4
Vinyl Chloride
Concen: 16.105 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

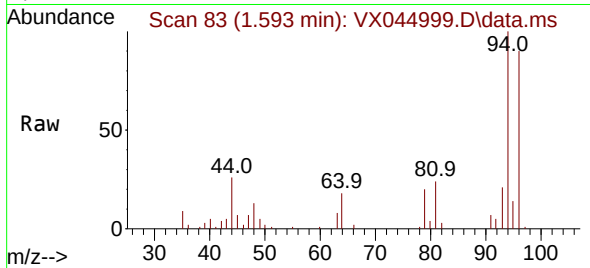
Tgt Ion: 62 Resp: 28826
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 18.329 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

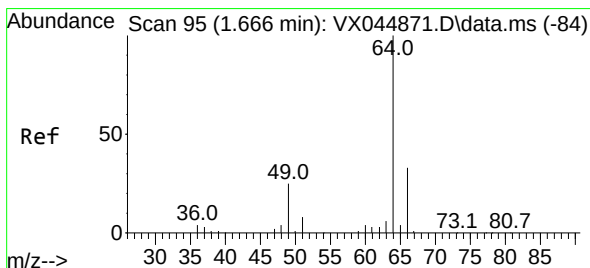
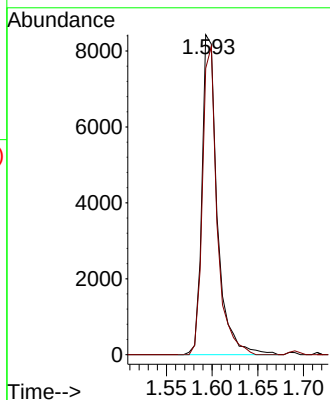
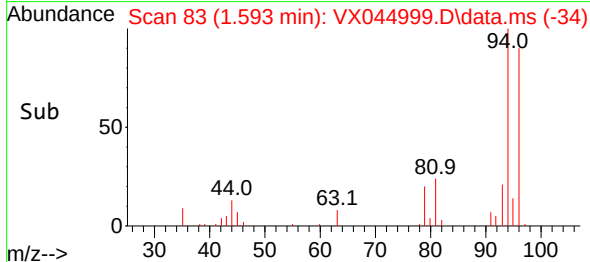
Instrument :
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Tgt Ion: 94 Resp: 981
Ion Ratio Lower Upper
94 100
96 89.5 71.6 107.4

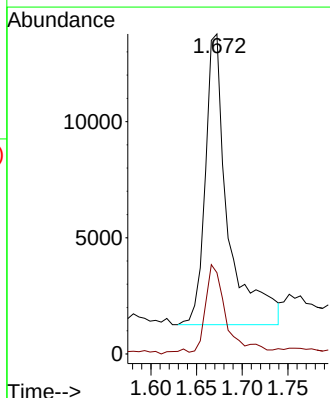
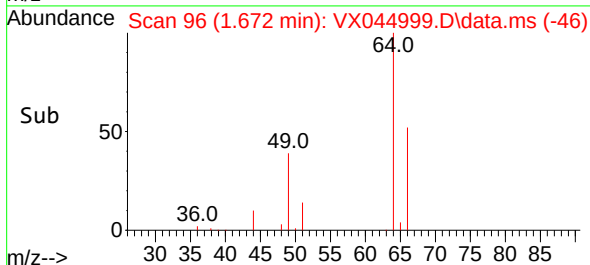
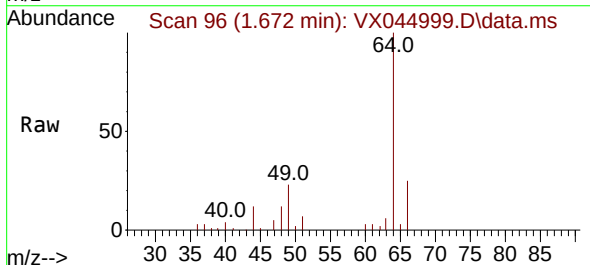
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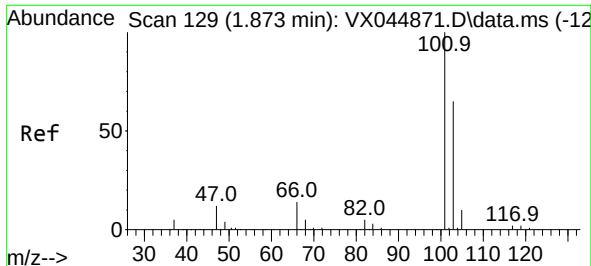
Reviewed By :John Carlone 02/20/2025
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#6
Chloroethane
Concen: 29.181 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

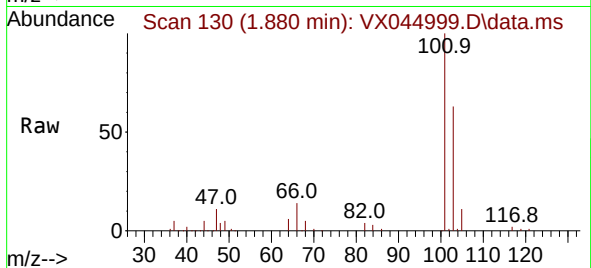
Tgt Ion: 64 Resp: 21728
Ion Ratio Lower Upper
64 100
66 27.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 17.796 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX044999.D
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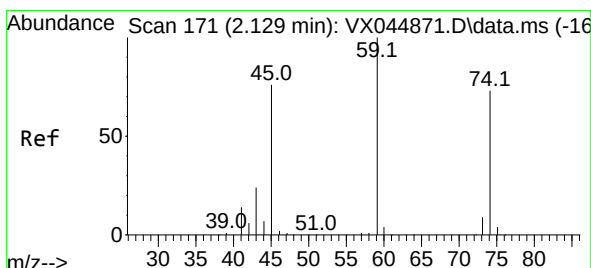
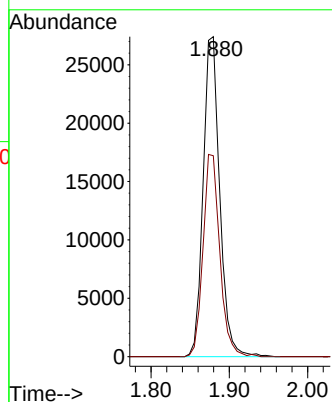
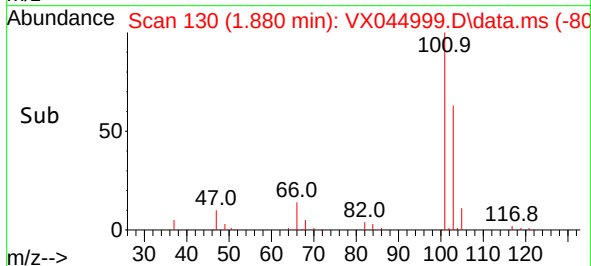
Instrument :
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Tgt Ion:101 Resp: 4028
Ion Ratio Lower Upper
101 100
103 62.8 52.4 78.6

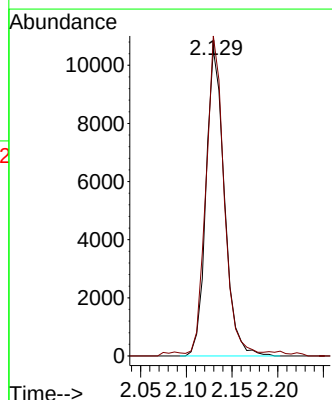
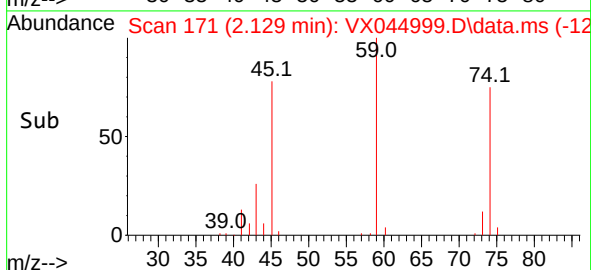
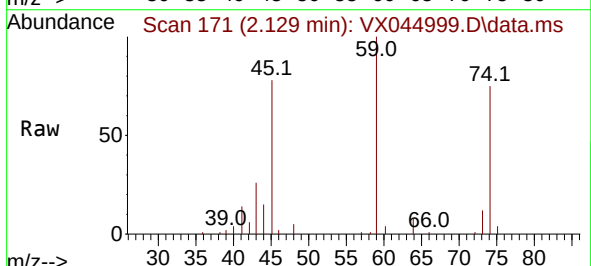
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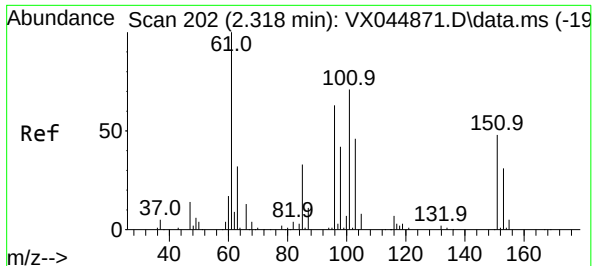
Reviewed By :John Carlone 02/20/2025
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#8
Diethyl Ether
Concen: 18.083 ug/l
RT: 2.129 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 14844
Ion Ratio Lower Upper
74 100
45 100.1 51.1 153.4





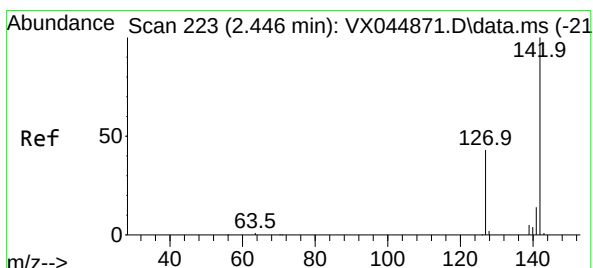
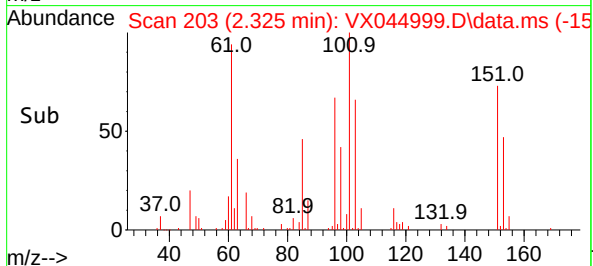
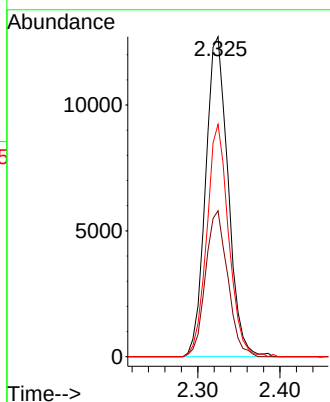
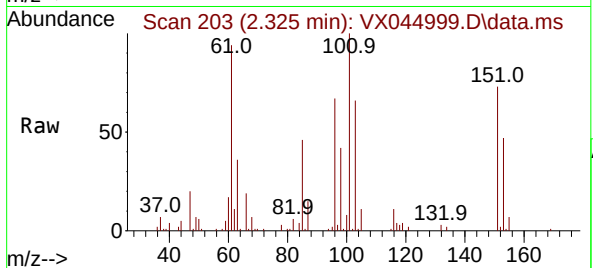
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.679 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

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MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:101 Resp: 2417
Ion Ratio Lower Upper
101 100
85 45.1 35.7 53.5
151 70.6 56.0 84.0

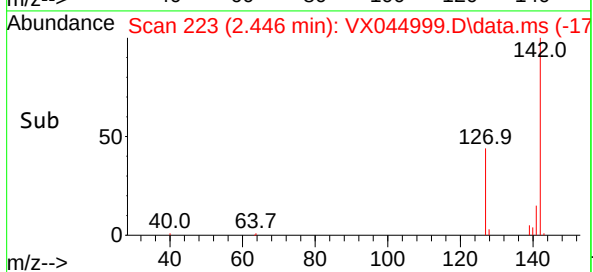
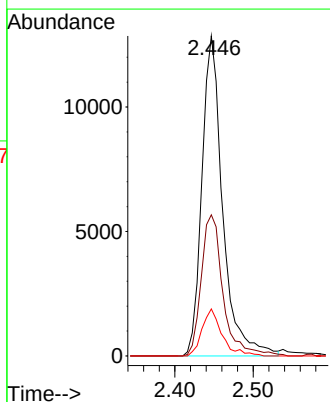
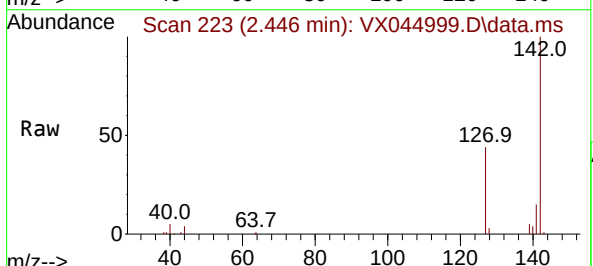
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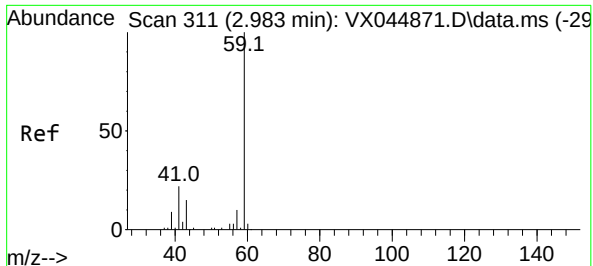
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#10
Methyl Iodide
Concen: 13.364 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion:142 Resp: 23687
Ion Ratio Lower Upper
142 100
127 46.2 34.3 51.5
141 14.2 11.4 17.2





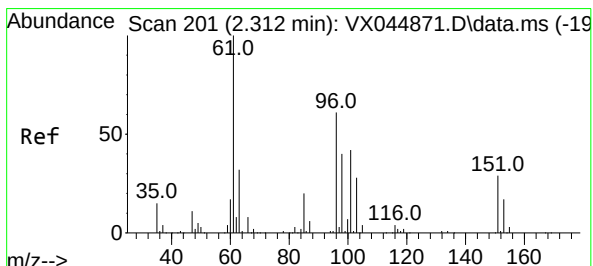
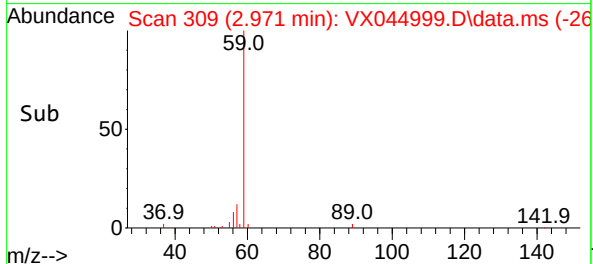
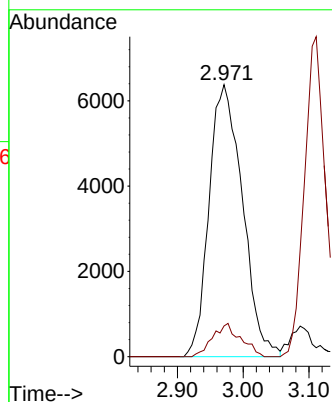
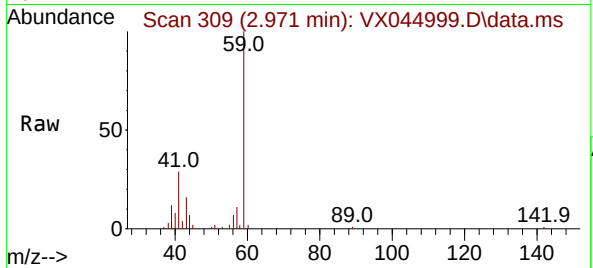
#11
Tert butyl alcohol
Concen: 76.591 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 59 Resp: 2251
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

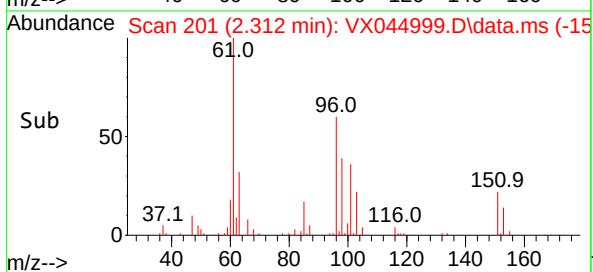
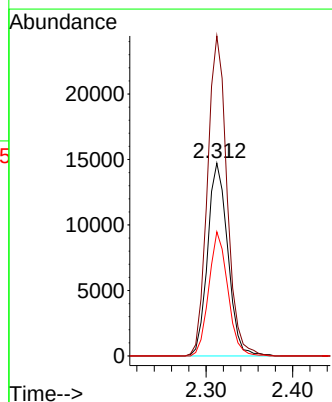
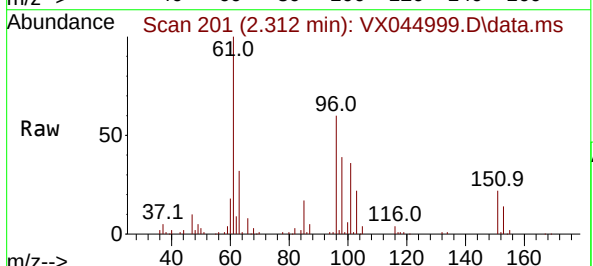
Manual Integrations
APPROVED

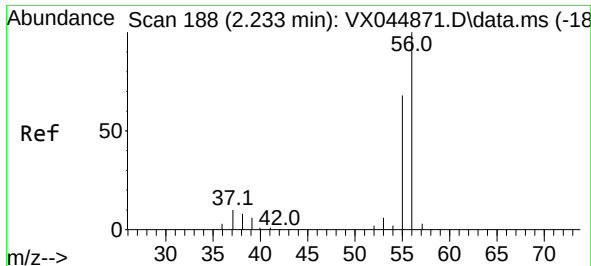
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#12
1,1-Dichloroethene
Concen: 17.076 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 96 Resp: 23821
Ion Ratio Lower Upper
96 100
61 166.0 130.2 195.4
98 64.4 52.2 78.4





#13

Acrolein

Concen: 83.411 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 56 Resp: 25294

Ion Ratio Lower Upper

56 100

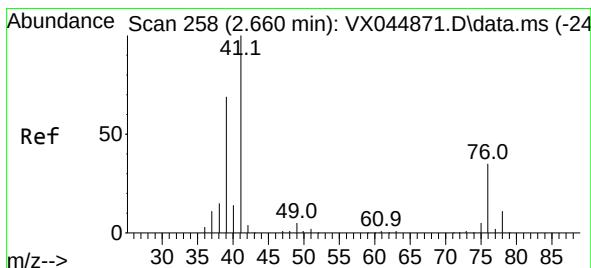
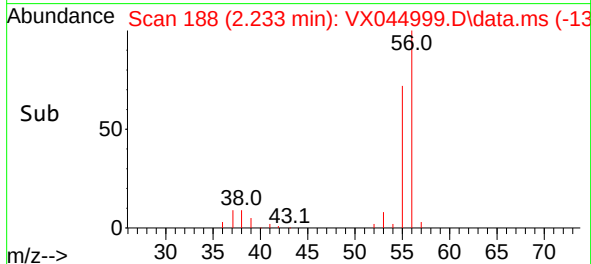
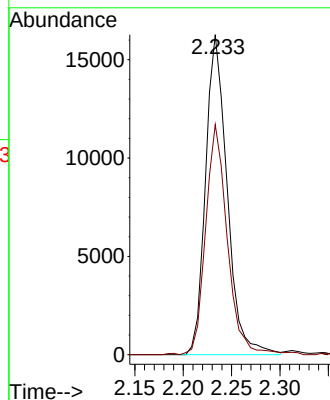
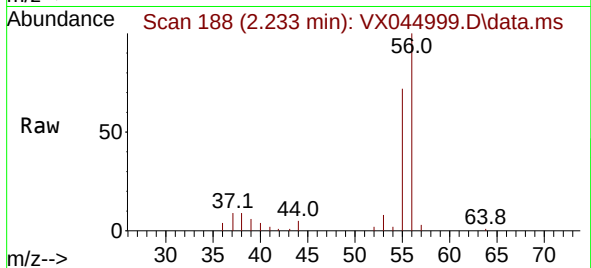
55 72.5 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#14

Allyl chloride

Concen: 16.710 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

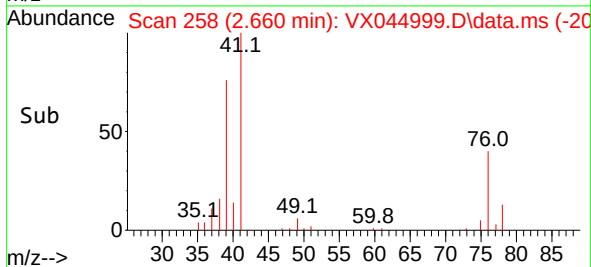
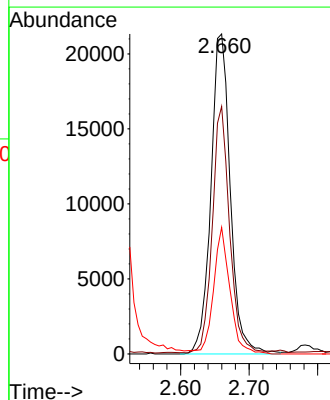
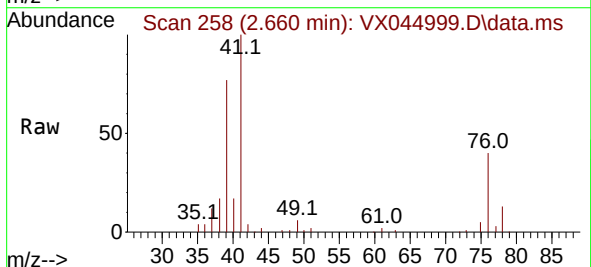
Tgt Ion: 41 Resp: 42128

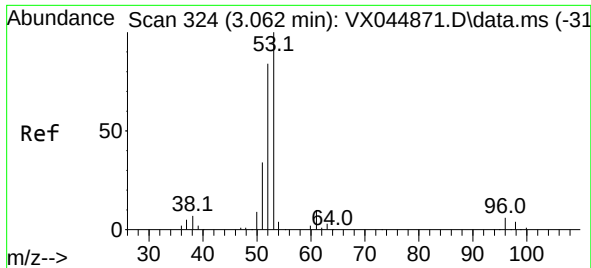
Ion Ratio Lower Upper

41 100

39 68.1 51.4 77.2

76 33.4 27.0 40.4





#15

Acrylonitrile

Concen: 85.182 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

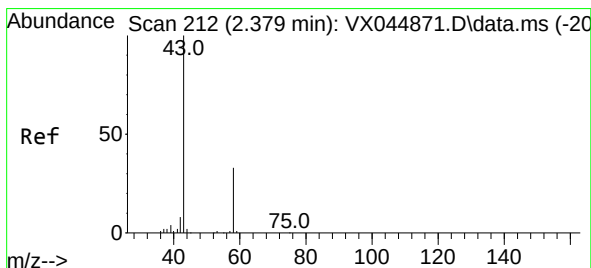
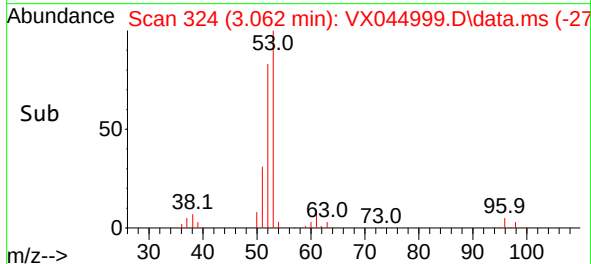
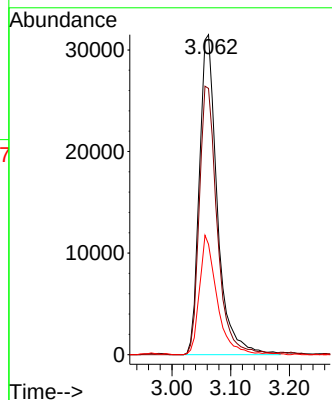
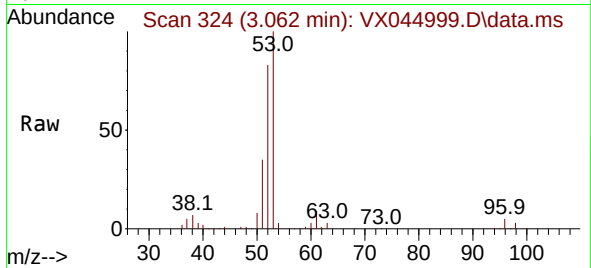
Tgt Ion: 53	Resp: 66840
Ion Ratio	Lower Upper
53	100
52	83.8 65.0 97.6
51	36.8 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#16

Acetone

Concen: 89.289 ug/l

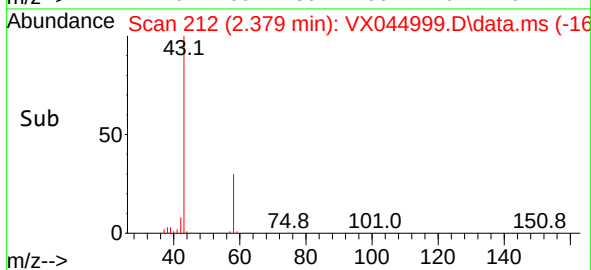
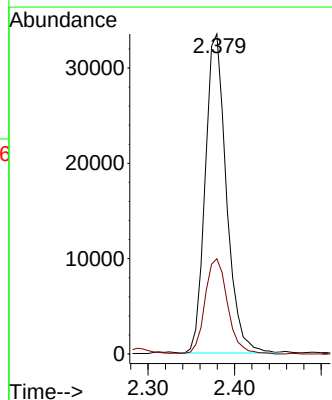
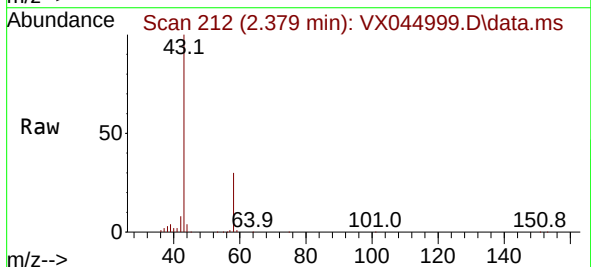
RT: 2.379 min Scan# 212

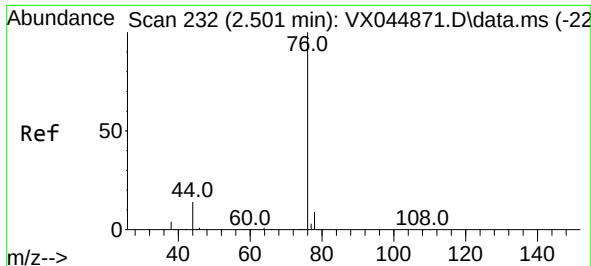
Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Tgt Ion: 43	Resp: 56868
Ion Ratio	Lower Upper
43	100
58	29.9 26.5 39.7





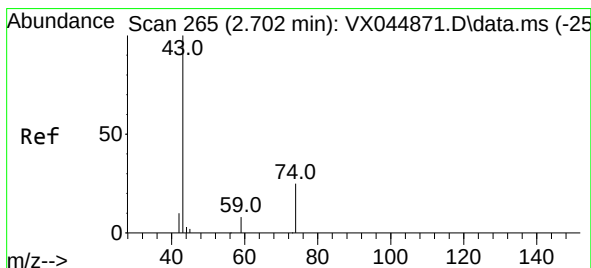
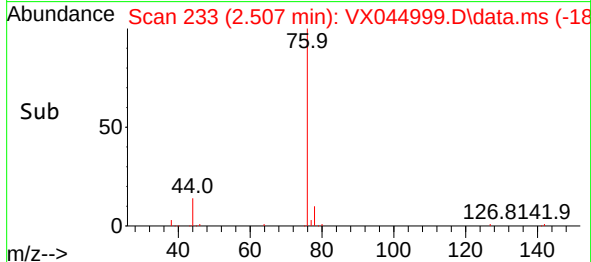
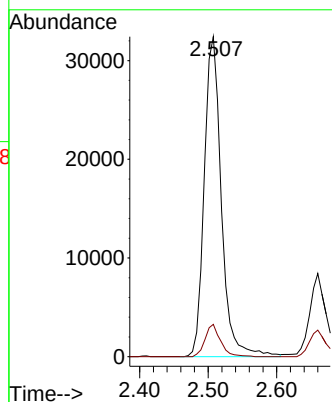
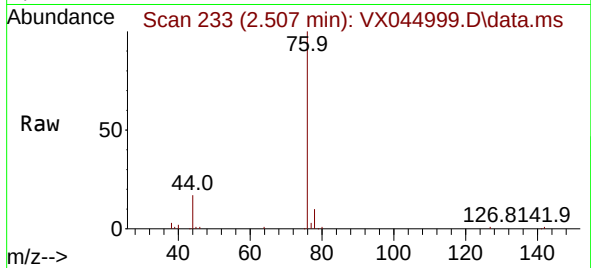
#17
Carbon Disulfide
Concen: 14.749 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 76 Resp: 56420
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4

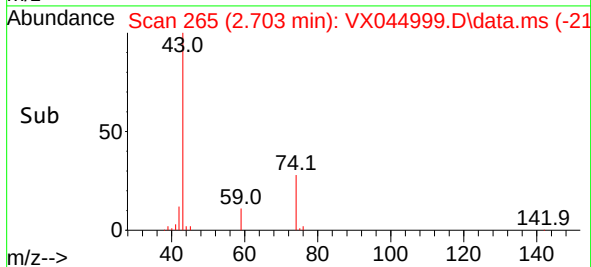
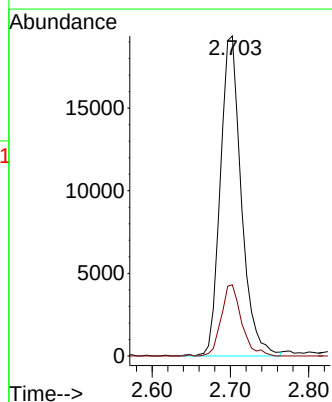
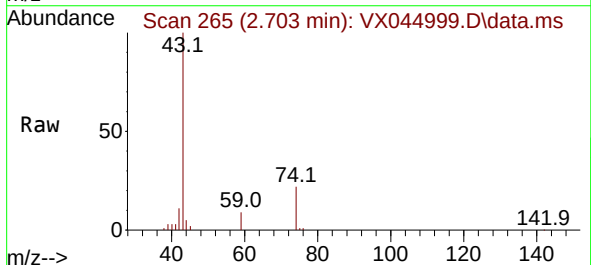
Manual Integrations
APPROVED

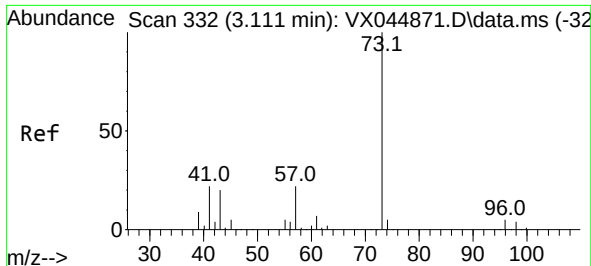
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#18
Methyl Acetate
Concen: 17.985 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 43 Resp: 36146
Ion Ratio Lower Upper
43 100
74 21.5 18.9 28.3





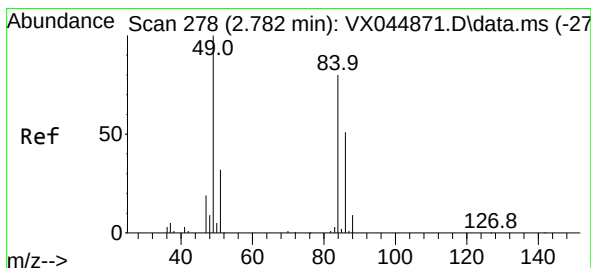
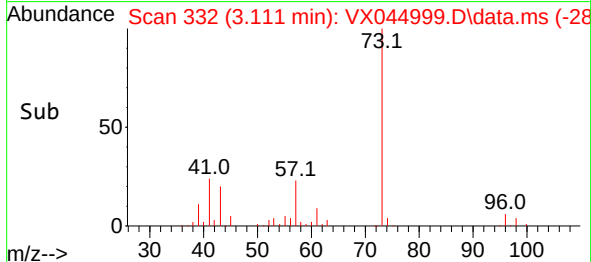
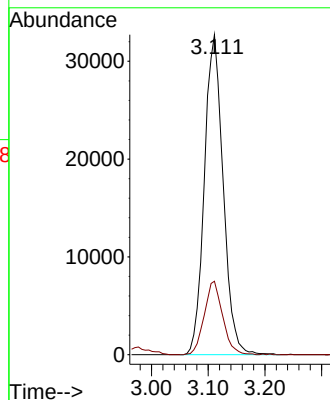
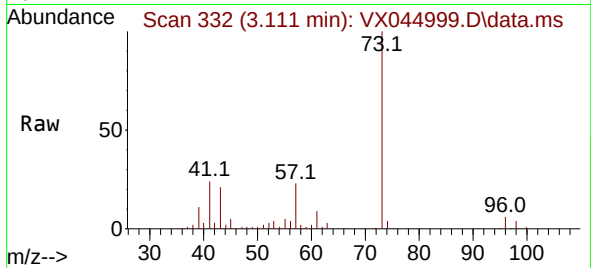
#19
Methyl tert-butyl Ether
Concen: 16.978 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 73 Resp: 7535
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9

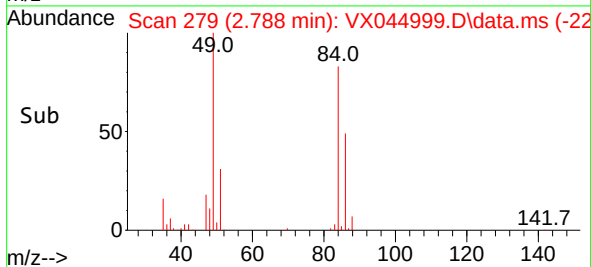
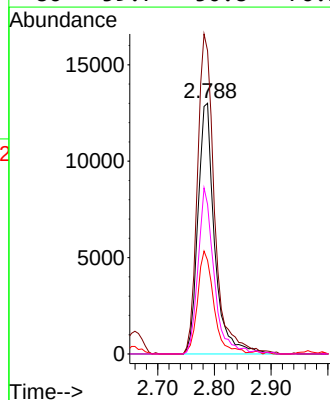
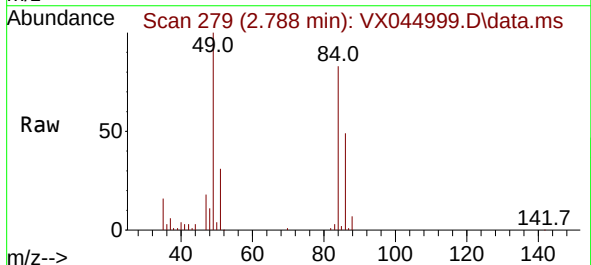
Manual Integrations
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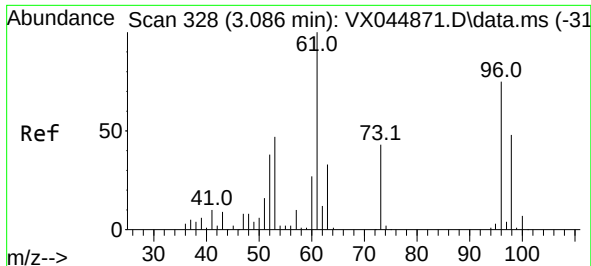
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#20
Methylene Chloride
Concen: 17.033 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

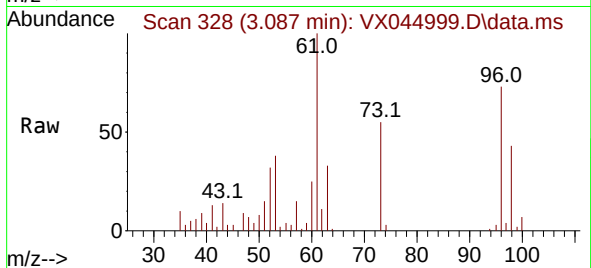
Tgt Ion: 84 Resp: 26572
Ion Ratio Lower Upper
84 100
49 121.0 100.1 150.1
51 37.3 31.7 47.5
86 59.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 16.884 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

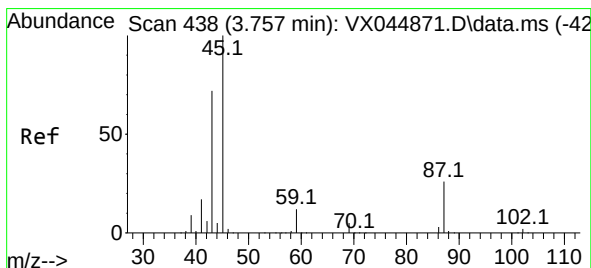
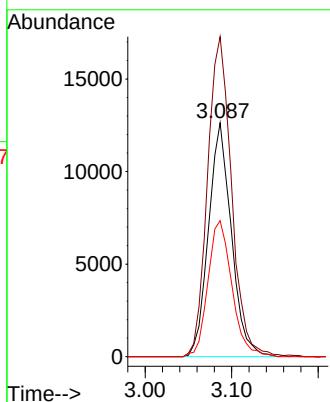
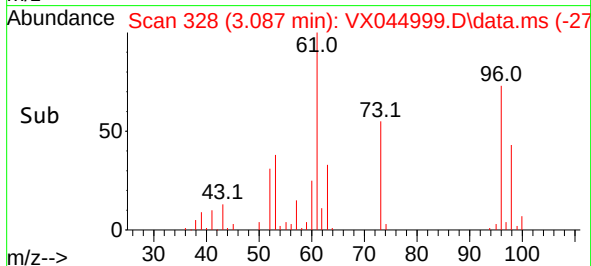
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



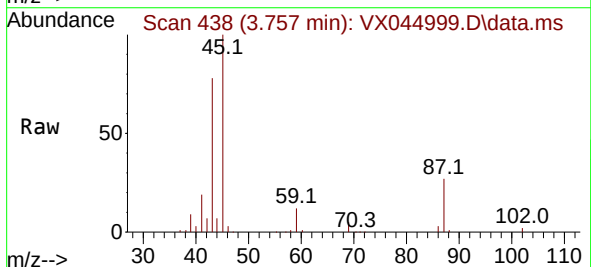
Tgt Ion: 96 Resp: 2318
Ion Ratio Lower Upper
96 100
61 136.8 106.0 159.0
98 58.2 50.6 76.0

Manual Integrations
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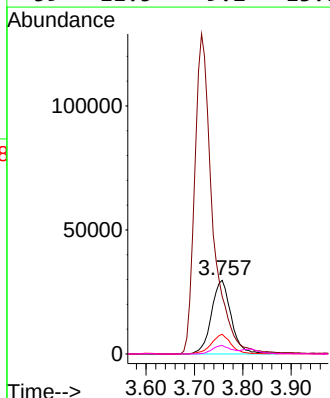
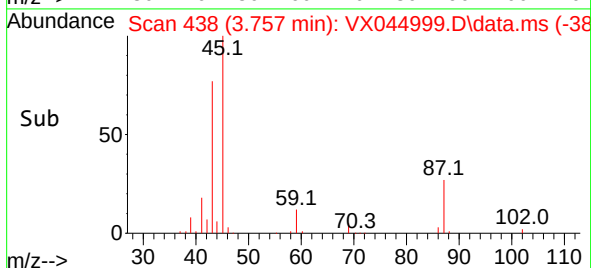
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

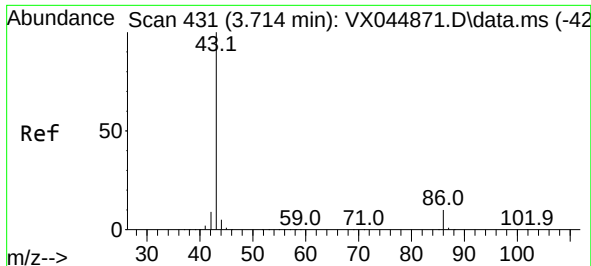


#22
Diisopropyl ether
Concen: 17.685 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06



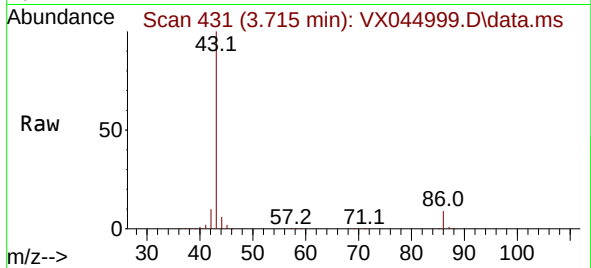
Tgt Ion: 45 Resp: 84350
Ion Ratio Lower Upper
45 100
43 77.9 58.0 87.0
87 26.8 20.7 31.1
59 11.5 9.2 13.8





#23
 Vinyl Acetate
 Concen: 85.898 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06

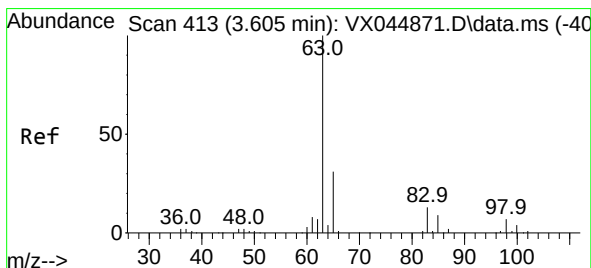
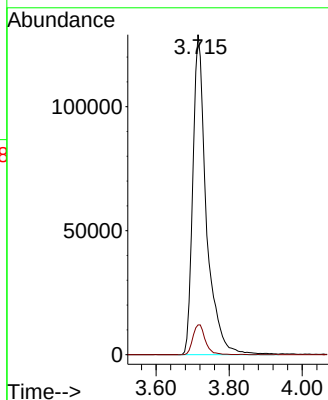
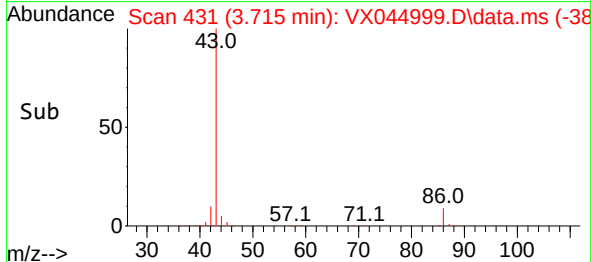
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01



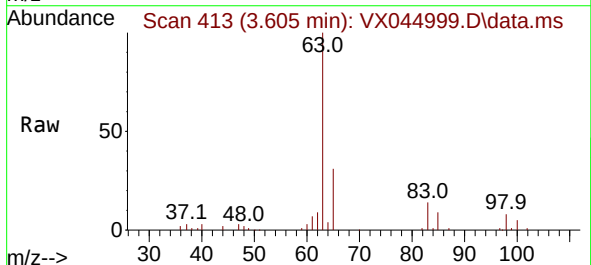
Tgt Ion: 43 Resp: 334014
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.3 12.5

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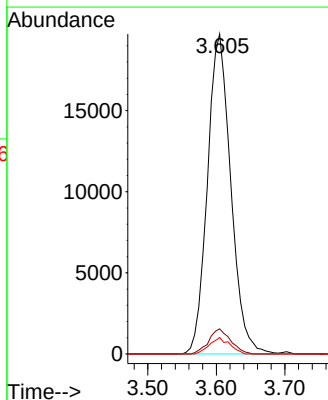
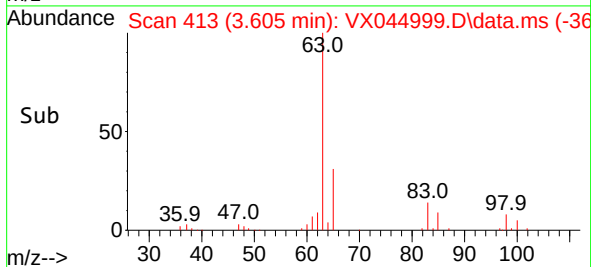
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

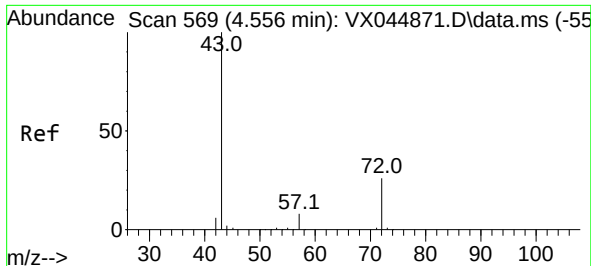


#24
 1,1-Dichloroethane
 Concen: 17.510 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06



Tgt Ion: 63 Resp: 46730
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.9
 100 5.2 2.1 6.5





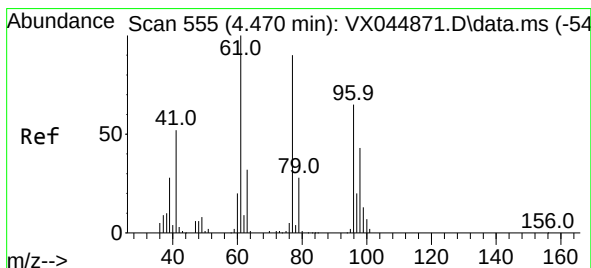
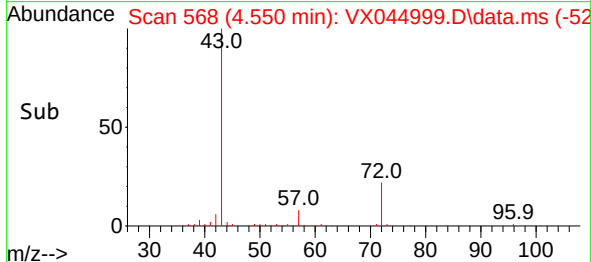
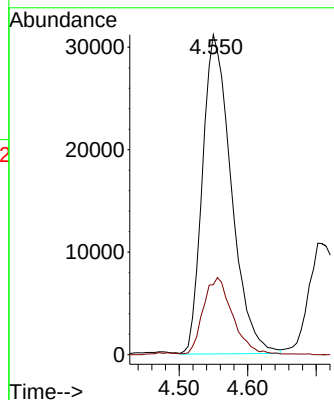
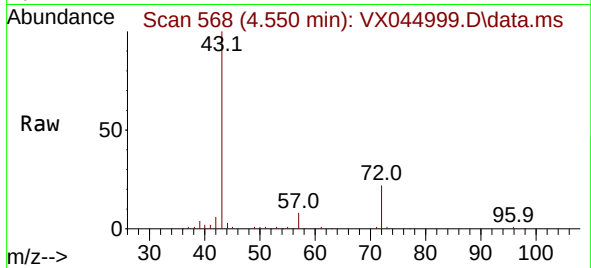
#25
2-Butanone
Concen: 88.011 ug/l
RT: 4.550 min Scan# 510
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 43 Resp: 9102
Ion Ratio Lower Upper
43 100
72 21.7 21.2 31.8

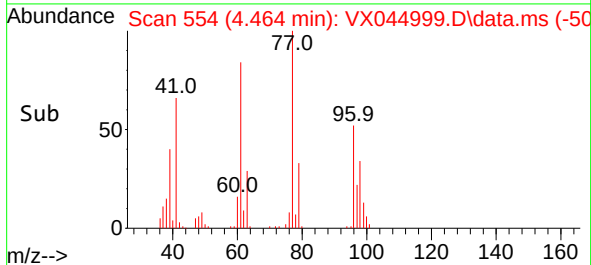
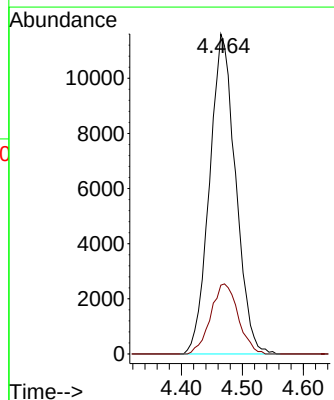
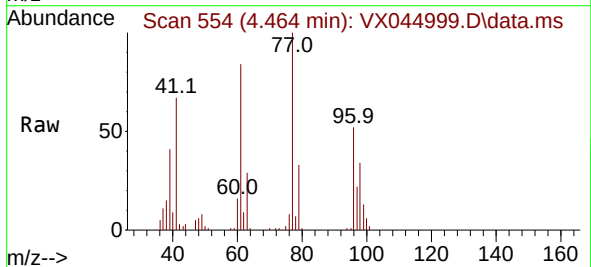
Manual Integrations
APPROVED

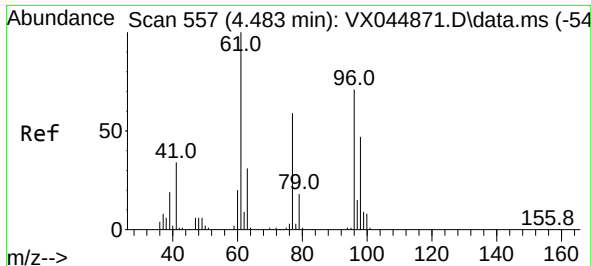
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#26
2,2-Dichloropropane
Concen: 16.302 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 77 Resp: 34503
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.338 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

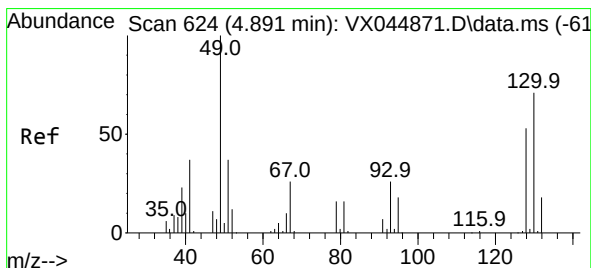
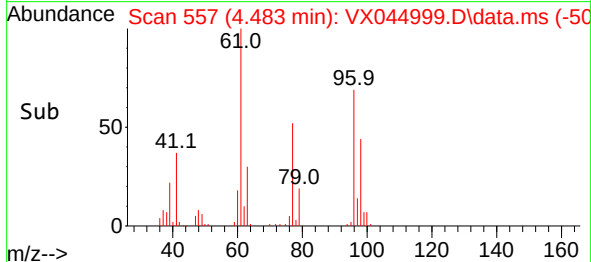
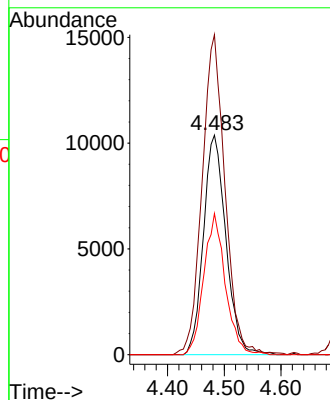
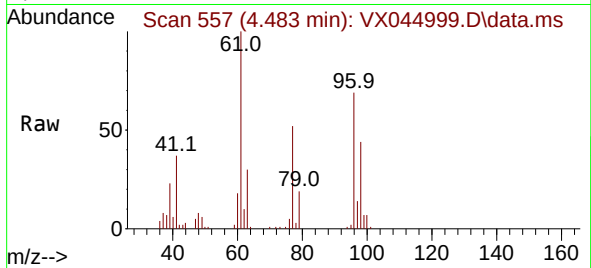
Tgt Ion: 96	Resp: 2859
Ion Ratio	Lower Upper
96 100	
61 147.7	0.0 294.0
98 61.7	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#28

Bromochloromethane

Concen: 19.439 ug/l

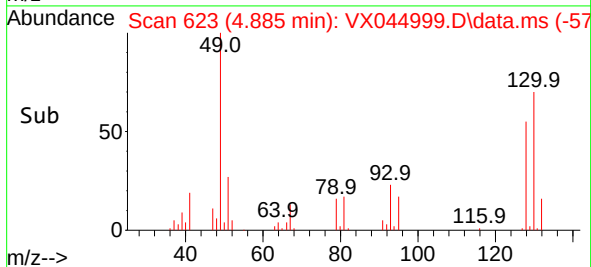
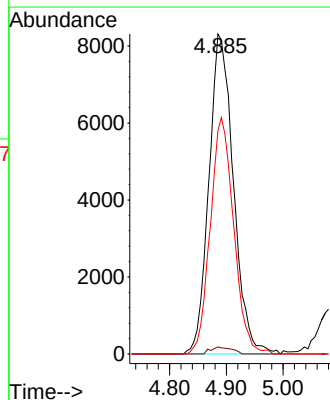
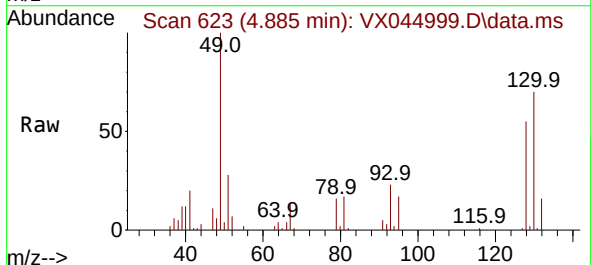
RT: 4.885 min Scan# 623

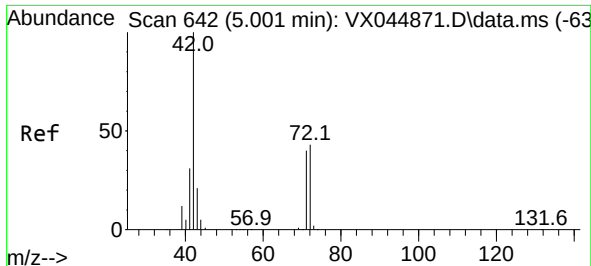
Delta R.T. -0.006 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Tgt Ion: 49	Resp: 24932
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 3.6
130 70.5	56.7 85.1





#29

Tetrahydrofuran

Concen: 86.984 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

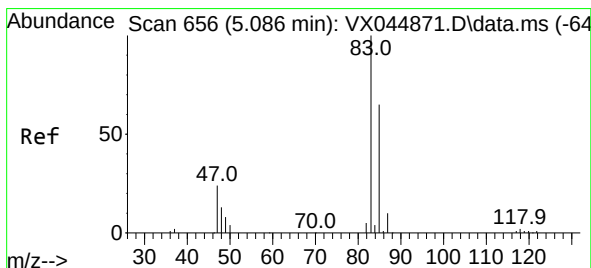
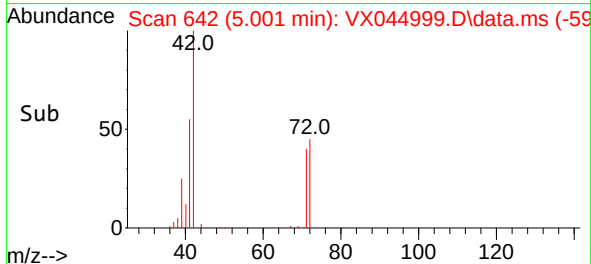
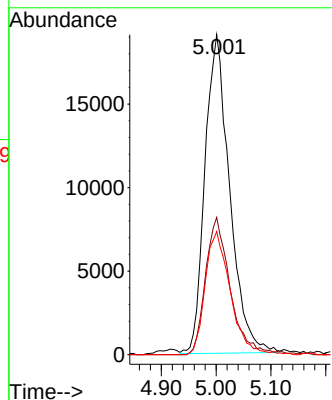
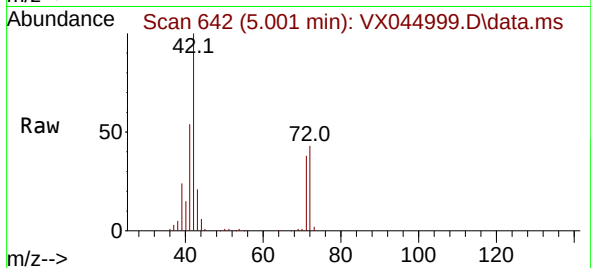
Tgt Ion:	42	Resp:	5973
Ion Ratio	Lower	Upper	
42	100		
72	43.2	35.0	52.4
71	39.3	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#30

Chloroform

Concen: 18.165 ug/l

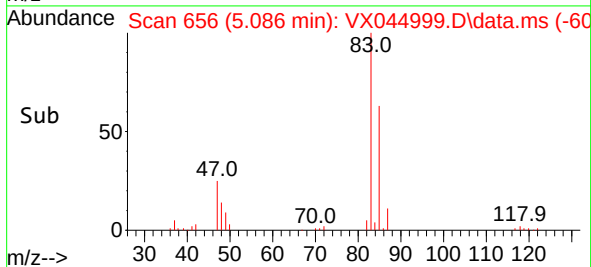
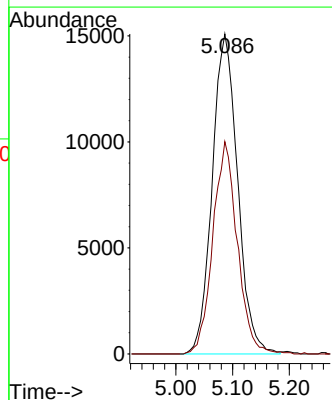
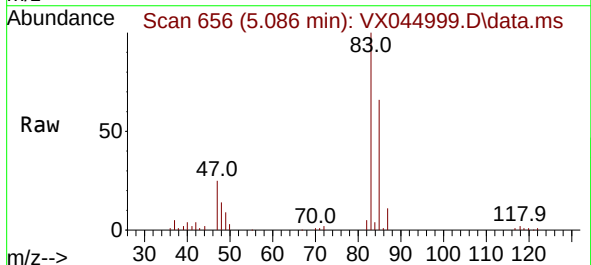
RT: 5.086 min Scan# 656

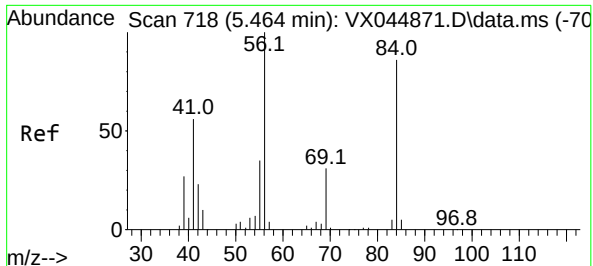
Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Tgt Ion:	83	Resp:	47015
Ion Ratio	Lower	Upper	
83	100		
85	66.3	52.1	78.1





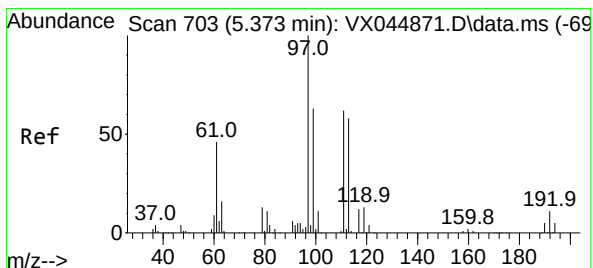
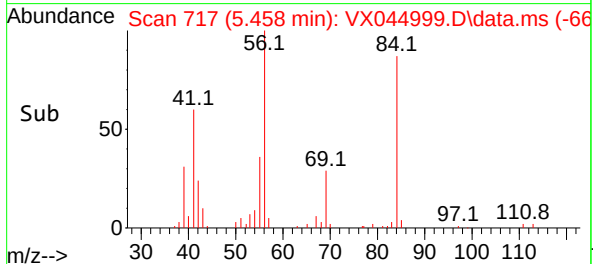
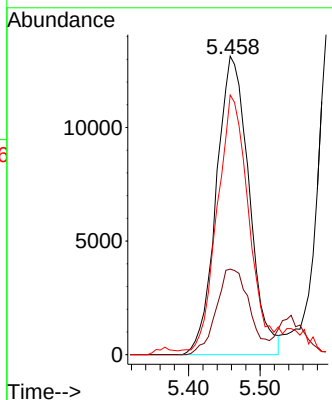
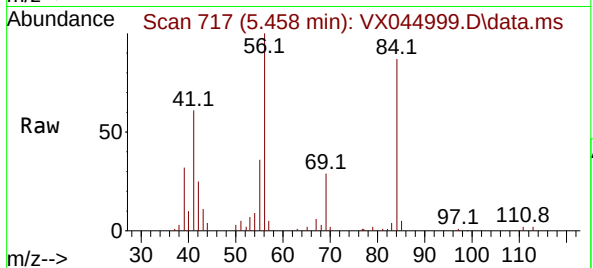
#31
Cyclohexane
Concen: 16.964 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 56 Resp: 4173
Ion Ratio Lower Upper
56 100
69 28.7 24.4 36.6
84 85.7 69.0 103.6

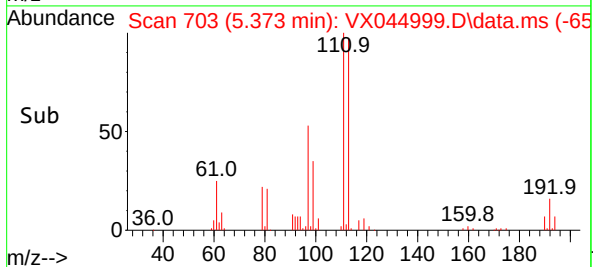
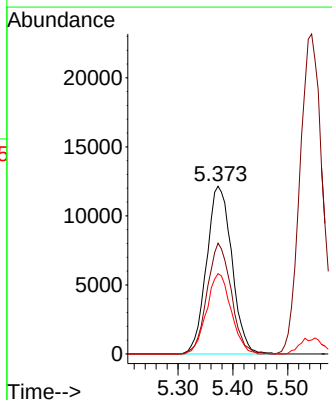
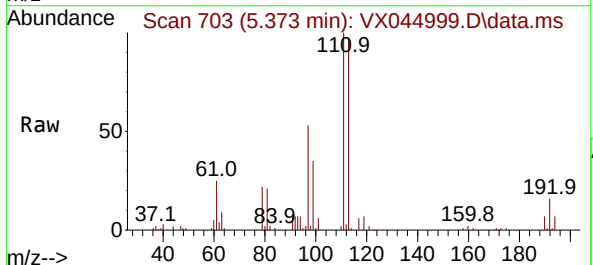
Manual Integrations
APPROVED

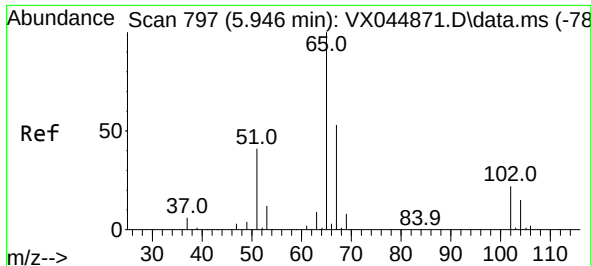
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#32
1,1,1-Trichloroethane
Concen: 17.741 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 97 Resp: 38946
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.6
61 46.4 36.6 55.0





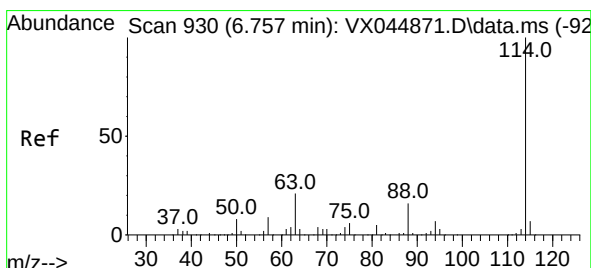
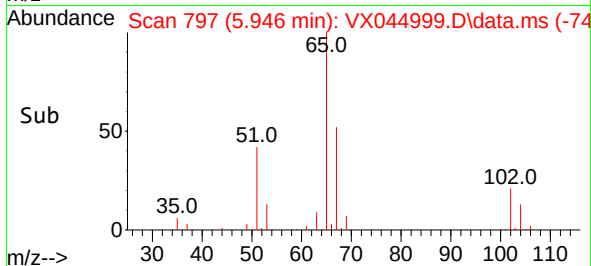
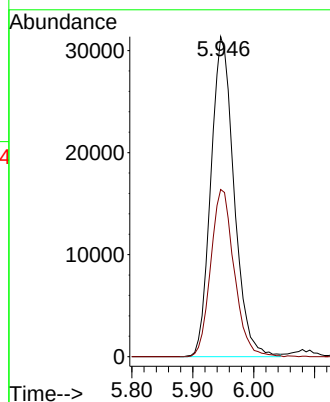
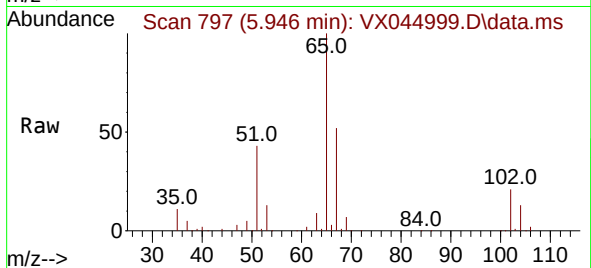
#33
 1,2-Dichloroethane-d4
 Concen: 52.363 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tgt Ion: 65 Resp: 82958
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.2

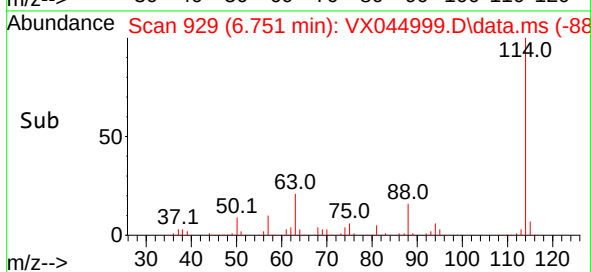
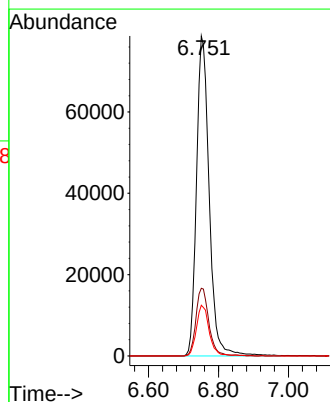
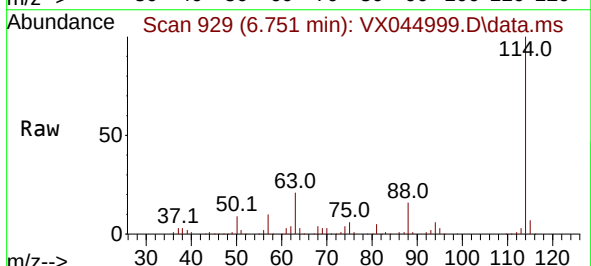
Manual Integrations
 APPROVED

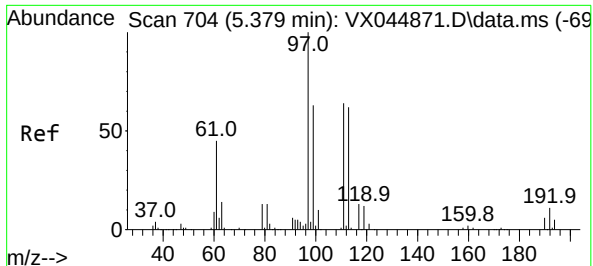
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06

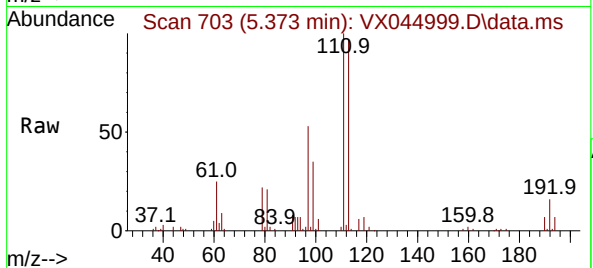
Tgt Ion:114 Resp: 197953
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.617 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

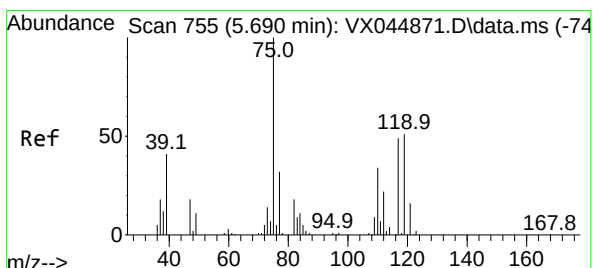
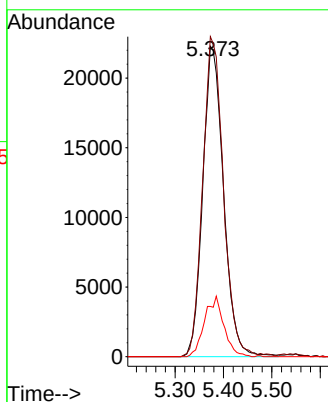
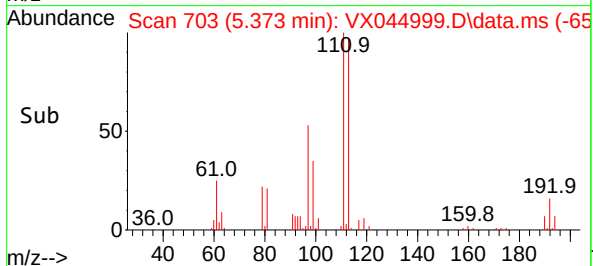
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 113 Resp: 6643
Ion Ratio Lower Upper
113 100
111 102.6 83.5 125.3
192 18.2 14.4 21.6

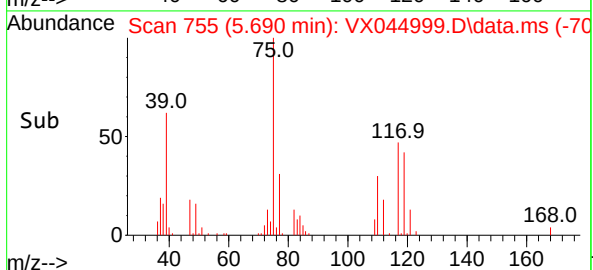
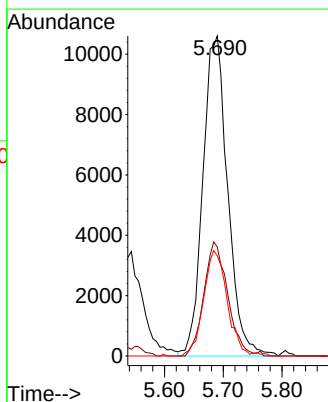
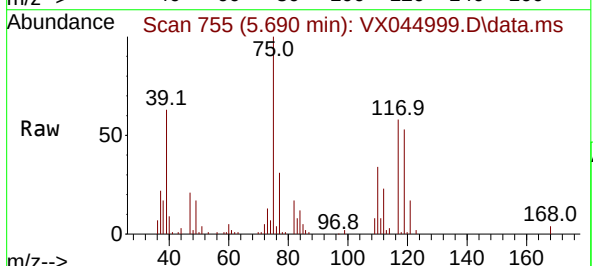
Manual Integrations
APPROVED

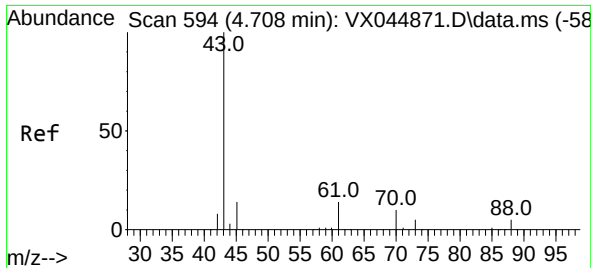
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#36
1,1-Dichloropropene
Concen: 16.763 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

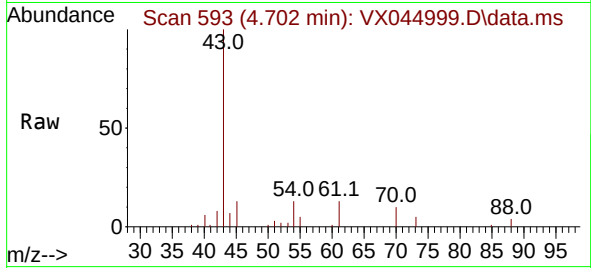
Tgt Ion: 75 Resp: 31126
Ion Ratio Lower Upper
75 100
110 34.4 17.2 51.6
77 31.2 24.6 37.0





#37
Ethyl Acetate
Concen: 16.613 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

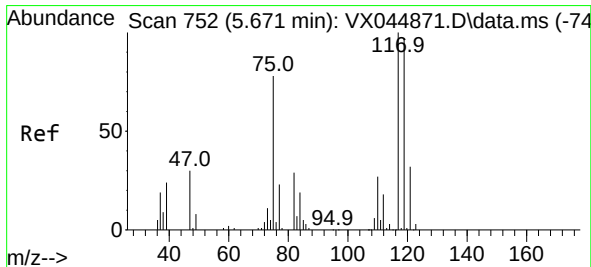
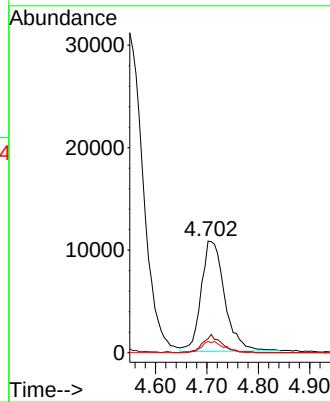
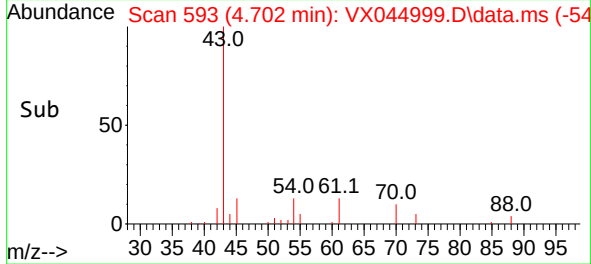
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 43 Resp: 34312
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.4
70 9.5 8.2 12.2

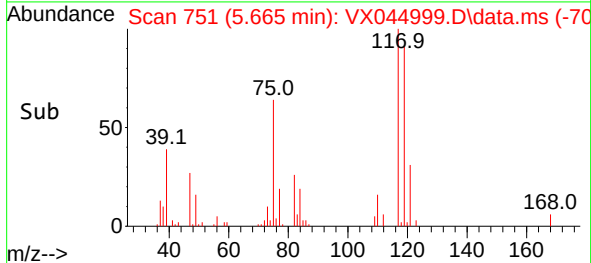
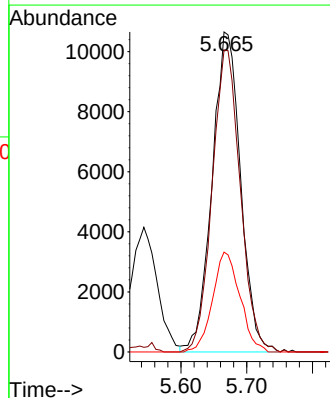
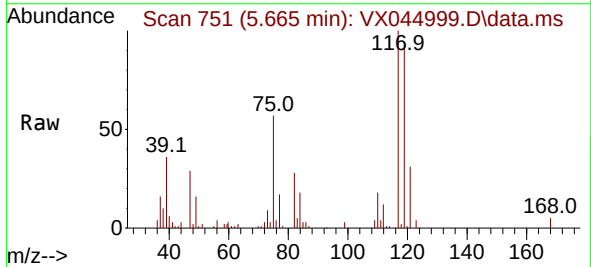
Manual Integrations
APPROVED

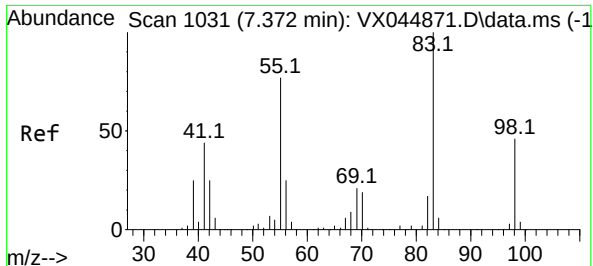
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#38
Carbon Tetrachloride
Concen: 17.644 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion:117 Resp: 32104
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3
121 31.2 25.6 38.4





#39

Methylcyclohexane

Concen: 16.948 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 83 Resp: 40680

Ion Ratio Lower Upper

83 100

55 77.6 61.3 91.9

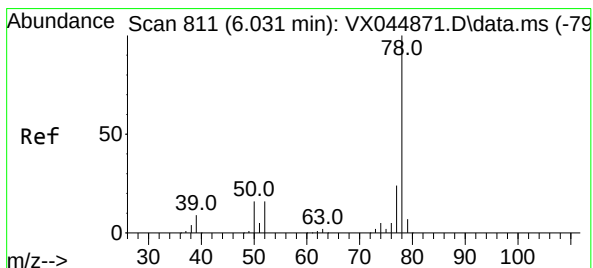
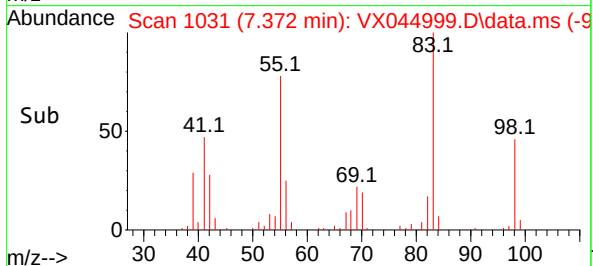
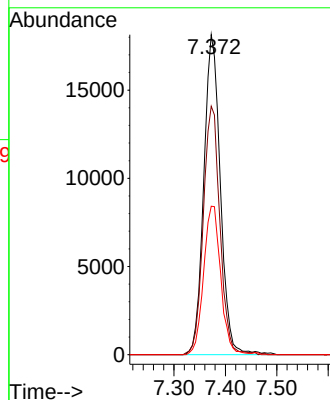
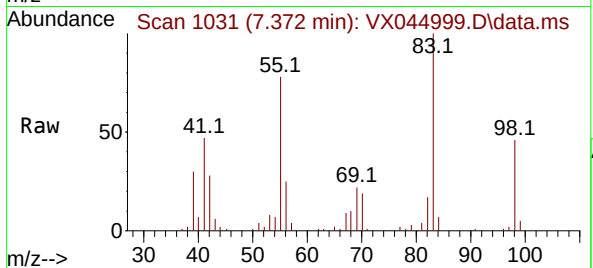
98 46.4 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#40

Benzene

Concen: 17.269 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044999.D

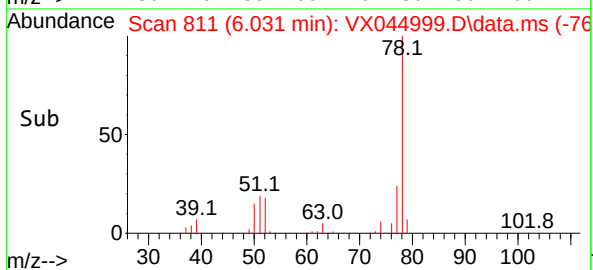
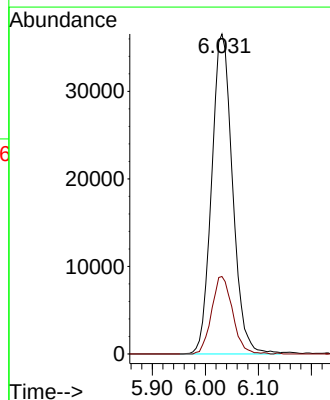
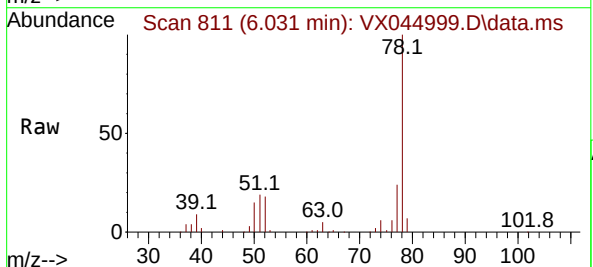
Acq: 19 Feb 2025 12:06

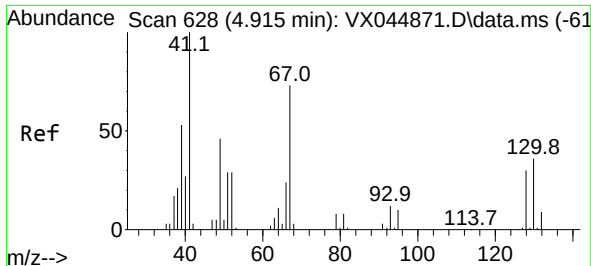
Tgt Ion: 78 Resp: 100130

Ion Ratio Lower Upper

78 100

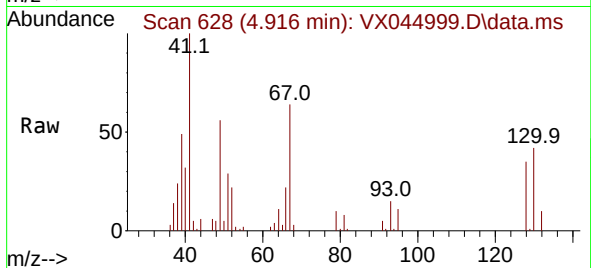
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 17.712 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

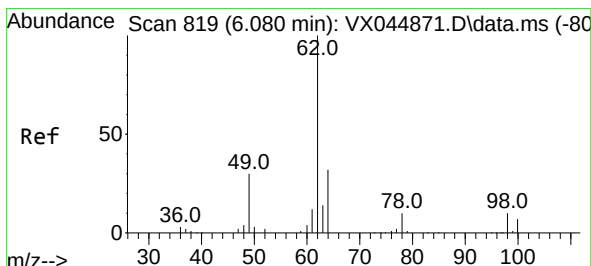
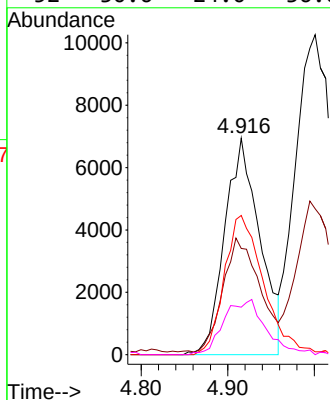
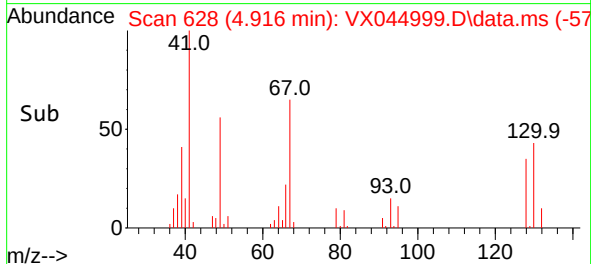
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 41 Resp: 19580
Ion Ratio Lower Upper
41 100
39 55.4 43.1 64.7
67 72.2 57.0 85.6
52 30.6 24.0 36.0

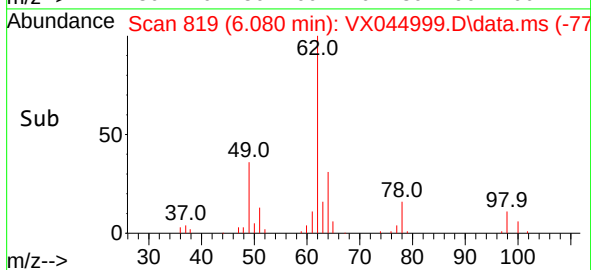
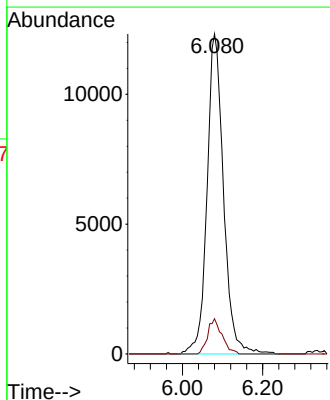
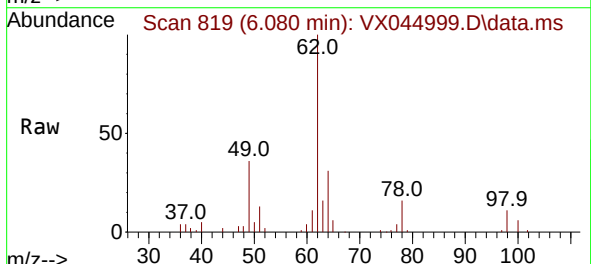
Manual Integrations
APPROVED

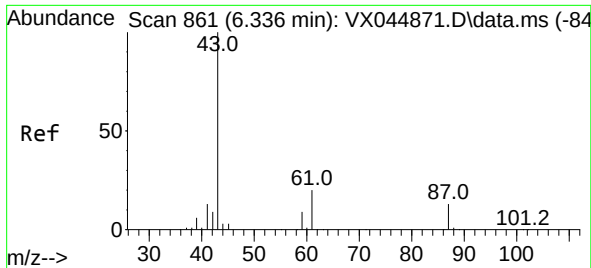
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#42
1,2-Dichloroethane
Concen: 19.007 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

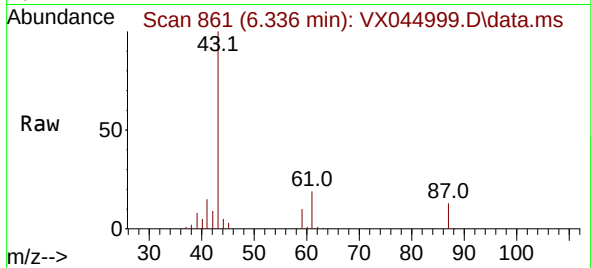
Tgt Ion: 62 Resp: 35123
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 16.775 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

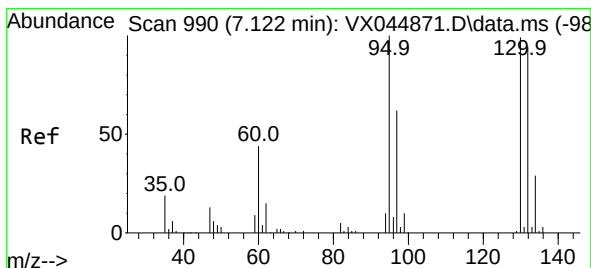
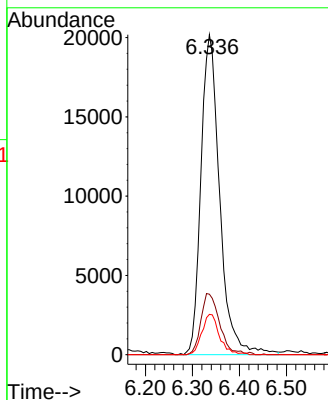
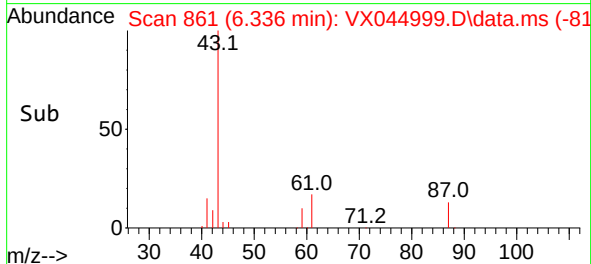
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



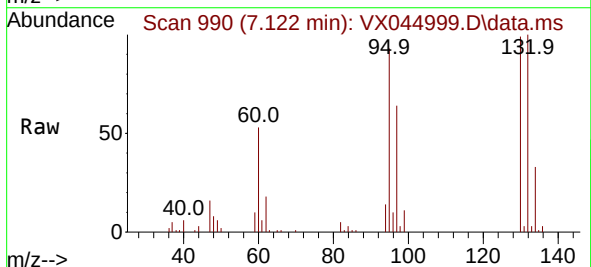
Tgt Ion: 43 Resp: 5594
Ion Ratio Lower Upper
43 100
61 18.9 15.8 23.8
87 11.8 10.0 15.0

Manual Integrations
APPROVED

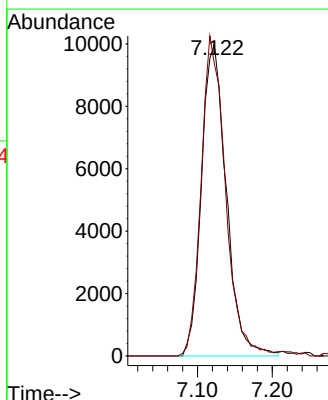
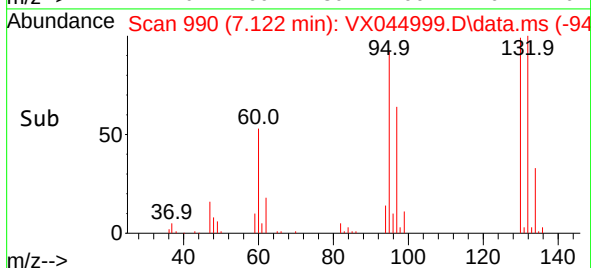
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

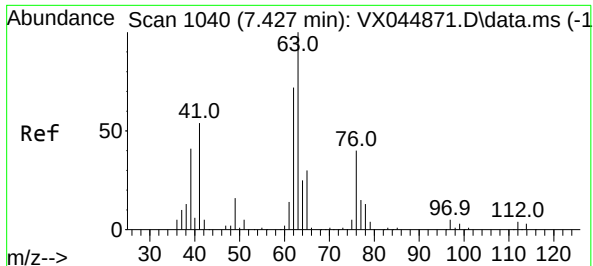


#44
Trichloroethene
Concen: 17.387 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06



Tgt Ion:130 Resp: 23043
Ion Ratio Lower Upper
130 100
95 93.7 0.0 202.4





#45

1,2-Dichloropropane

Concen: 17.770 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 63 Resp: 2563

Ion Ratio Lower Upper

63 100

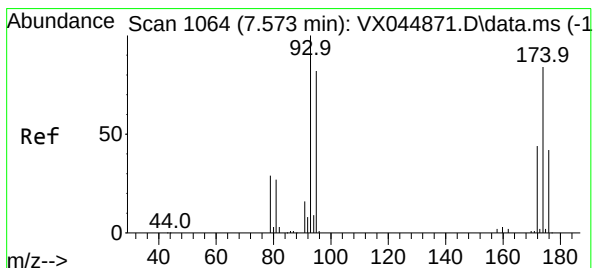
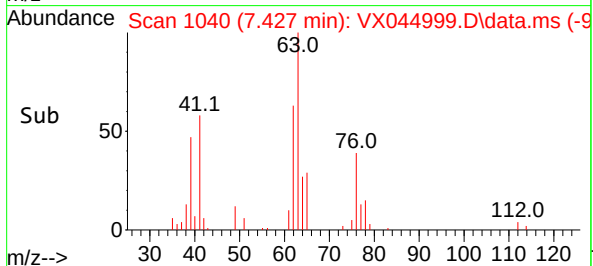
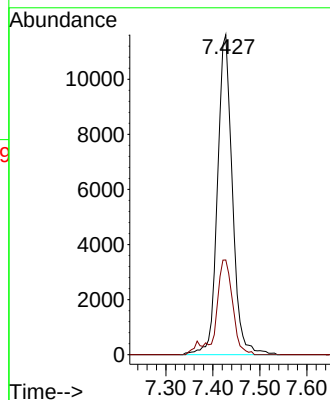
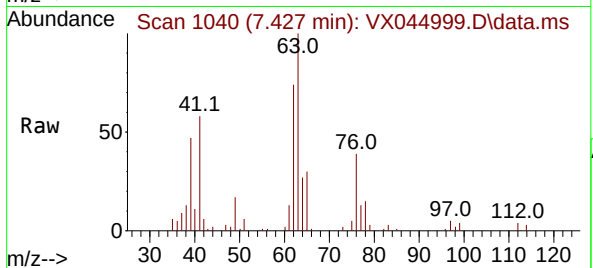
65 29.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#46

Dibromomethane

Concen: 17.844 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

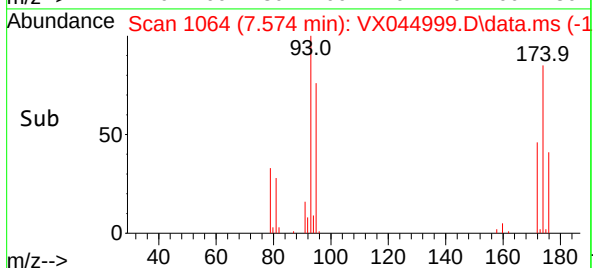
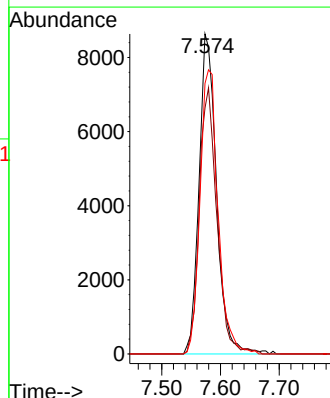
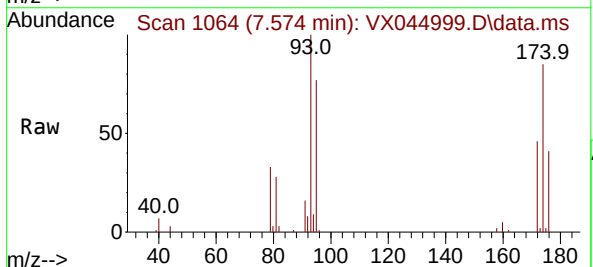
Tgt Ion: 93 Resp: 17850

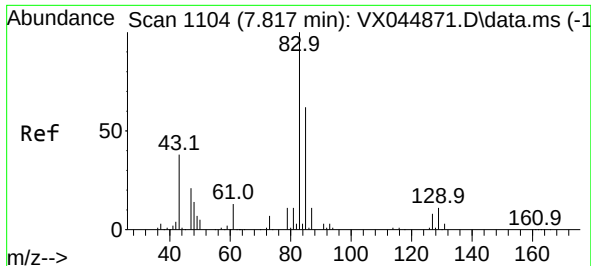
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

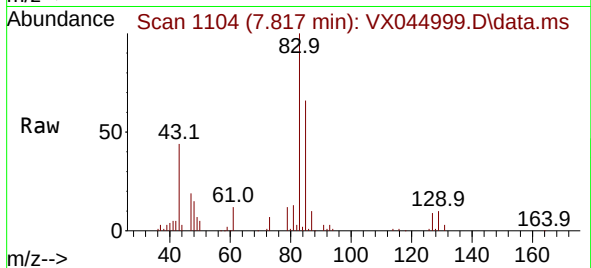
174 91.8 69.9 104.9





#47
Bromodichloromethane
Concen: 18.278 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

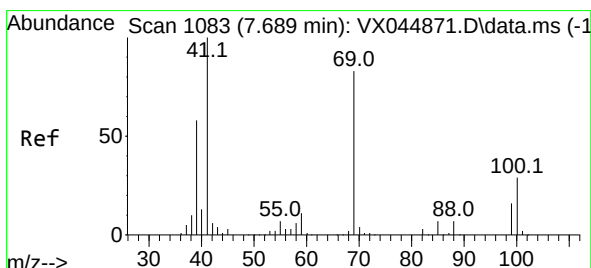
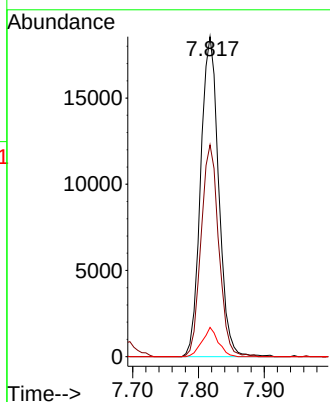
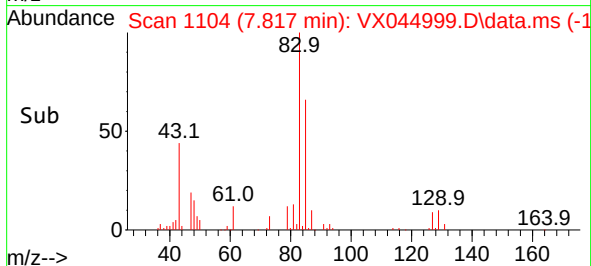
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 83 Resp: 35404
Ion Ratio Lower Upper
83 100
85 66.2 50.0 75.0
127 9.1 6.4 9.6

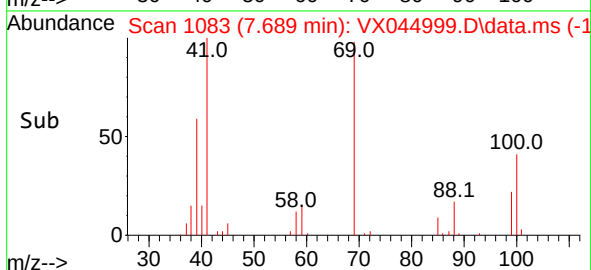
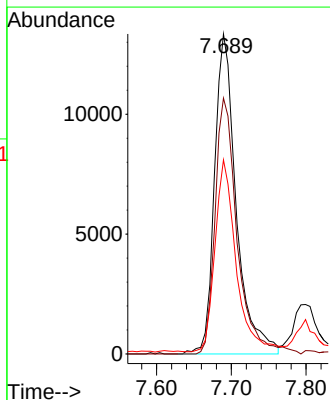
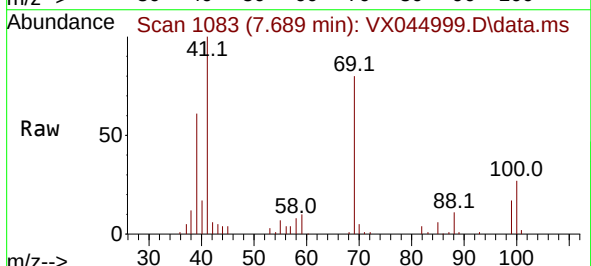
Manual Integrations
APPROVED

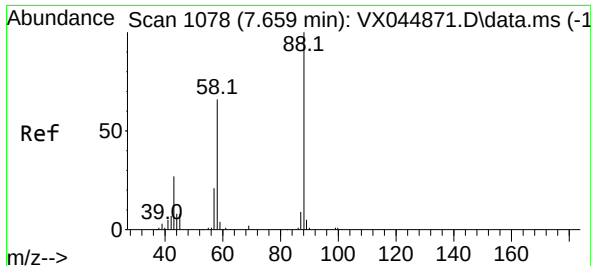
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#48
Methyl methacrylate
Concen: 17.178 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

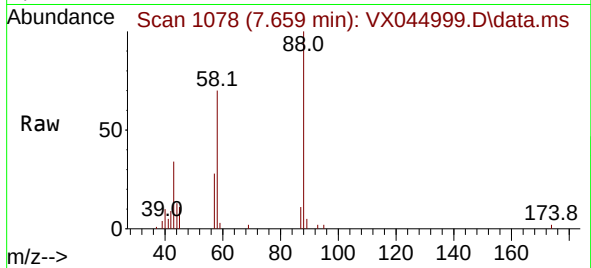
Tgt Ion: 41 Resp: 27013
Ion Ratio Lower Upper
41 100
69 81.5 65.8 98.8
39 58.3 46.4 69.6





#49
1,4-Dioxane
Concen: 343.099 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

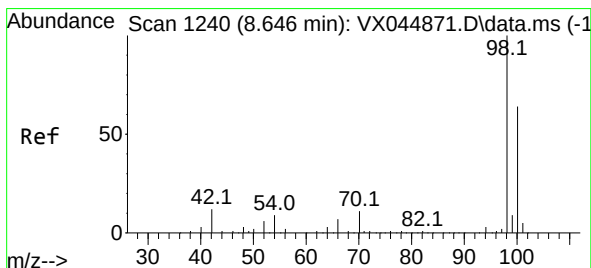
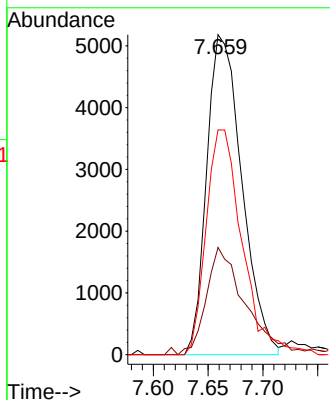
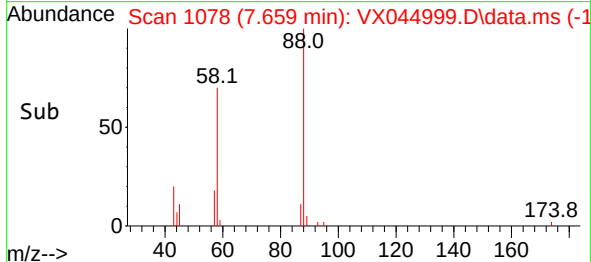
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 88 Resp: 11570
Ion Ratio Lower Upper
88 100
43 37.0 26.6 39.8
58 72.0 55.9 83.9

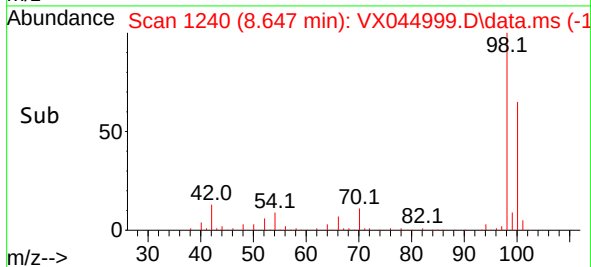
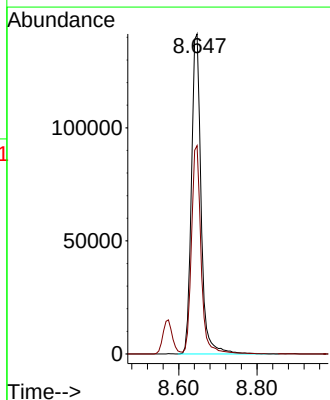
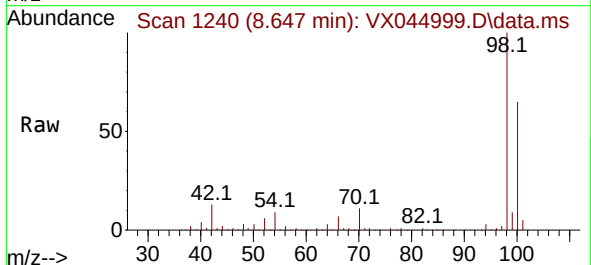
Manual Integrations
APPROVED

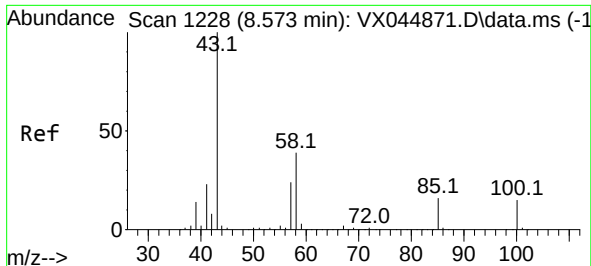
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 98 Resp: 242972
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





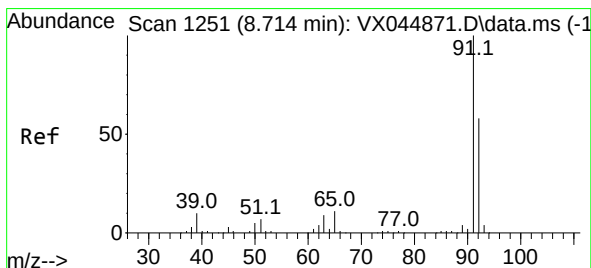
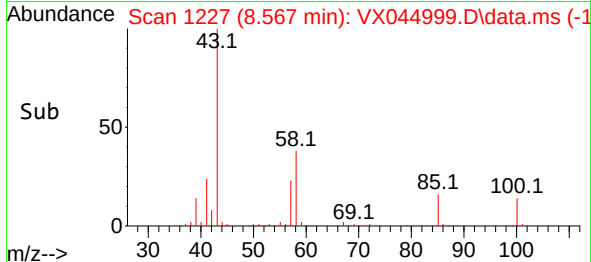
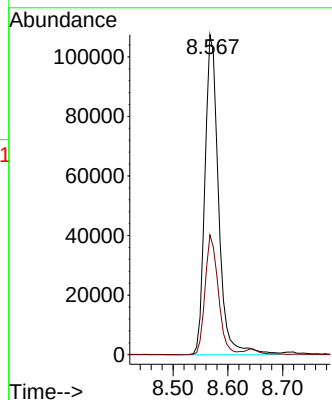
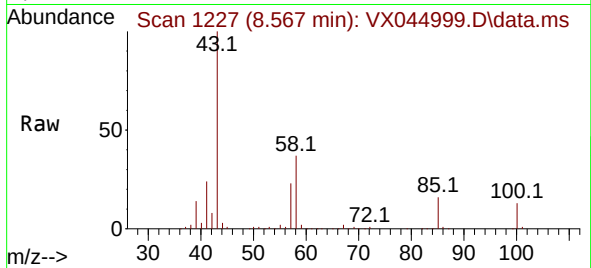
#51
4-Methyl-2-Pentanone
Concen: 91.795 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 43 Resp: 18612
Ion Ratio Lower Upper
43 100
58 36.0 30.8 46.2

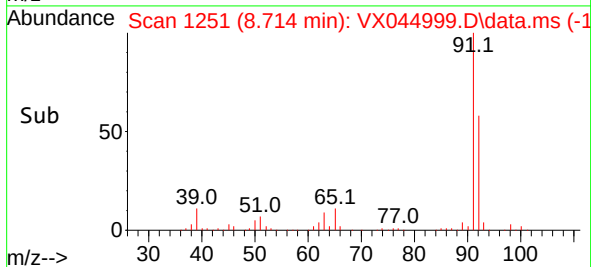
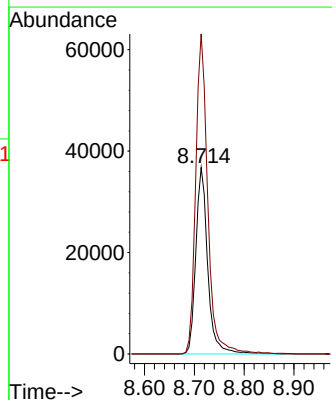
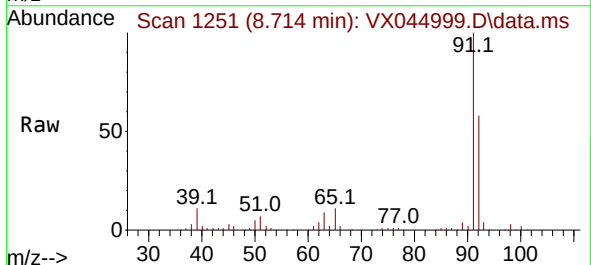
Manual Integrations
APPROVED

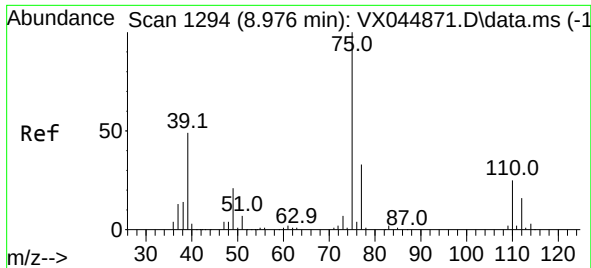
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#52
Toluene
Concen: 17.691 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 92 Resp: 61087
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 16.077 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 75 Resp: 31514

Ion Ratio Lower Upper

75 100

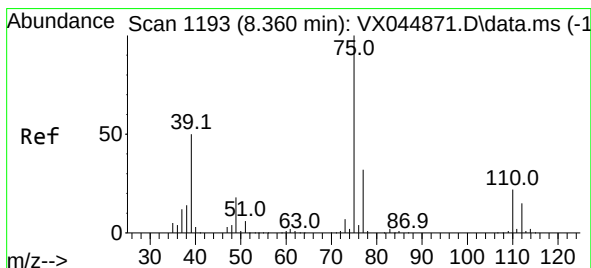
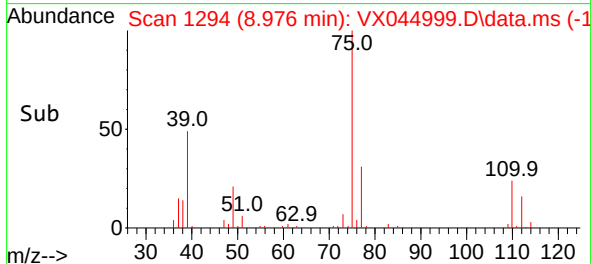
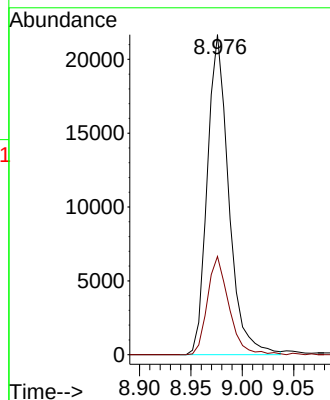
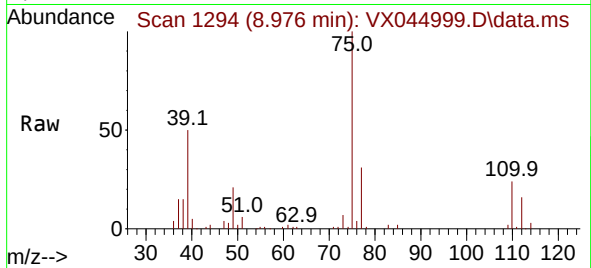
77 30.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#54

cis-1,3-Dichloropropene

Concen: 17.356 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

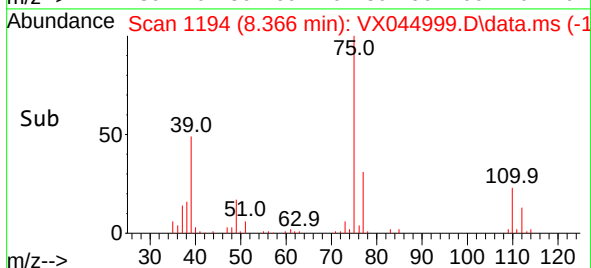
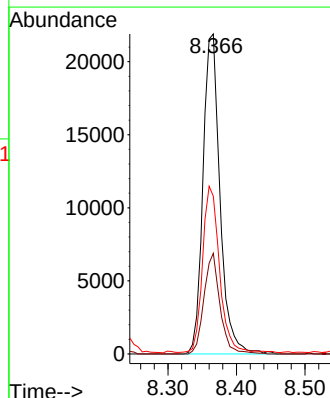
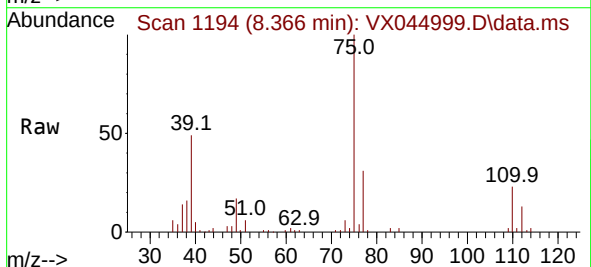
Tgt Ion: 75 Resp: 37932

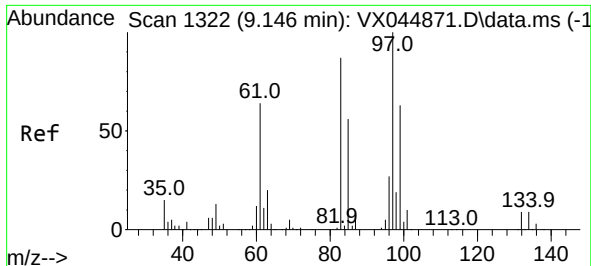
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 48.9 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 17.895 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 97 Resp: 23754

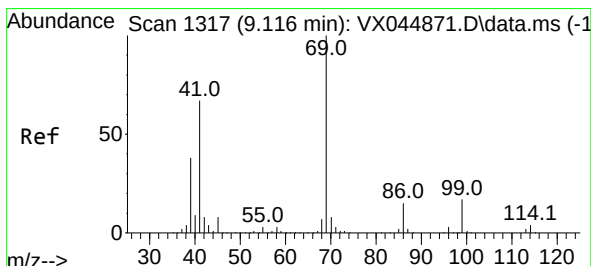
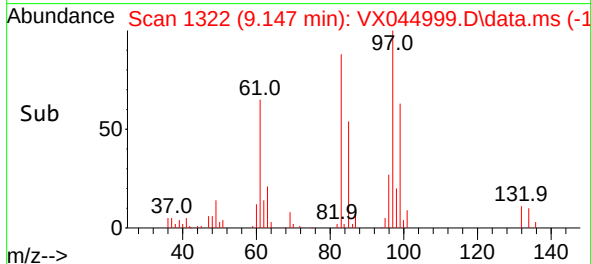
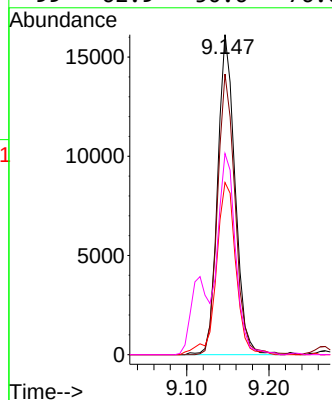
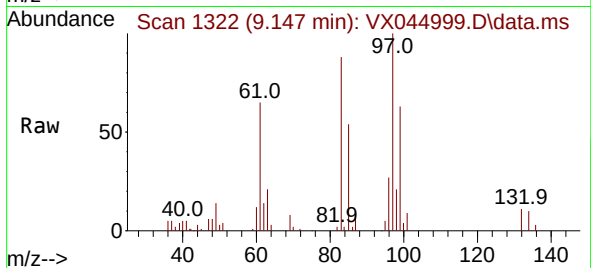
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.8	104.6
85	53.8	44.8	67.2
99	62.9	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#56

Ethyl methacrylate

Concen: 16.725 ug/l

RT: 9.116 min Scan# 1317

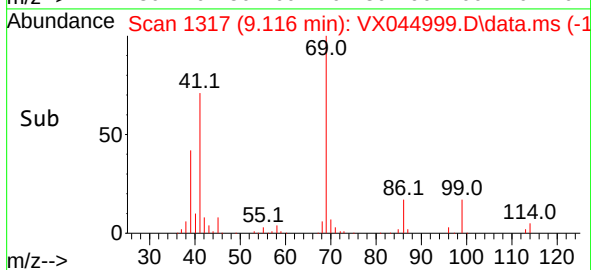
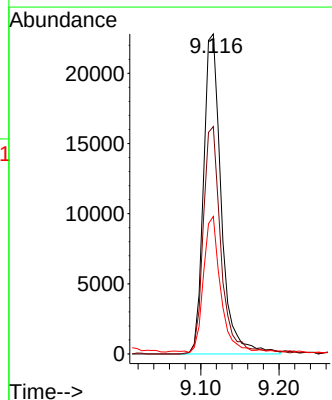
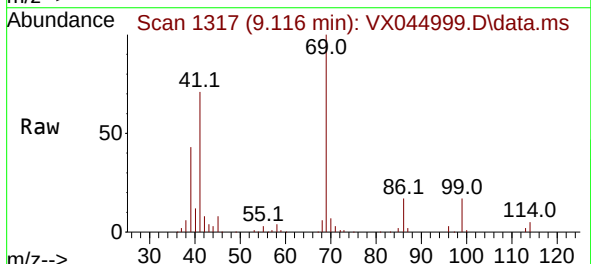
Delta R.T. 0.000 min

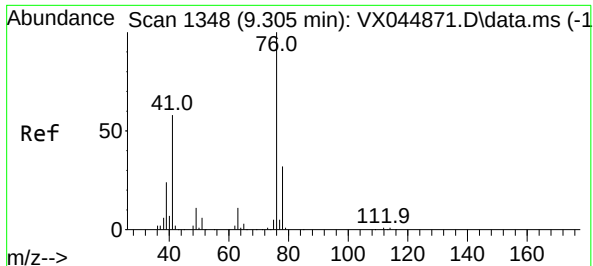
Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Tgt Ion: 69 Resp: 35857

Ion	Ratio	Lower	Upper
69	100		
41	71.9	55.2	82.8
39	39.5	30.8	46.2





#57

1,3-Dichloropropane

Concen: 18.018 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 76 Resp: 41849

Ion Ratio Lower Upper

76 100

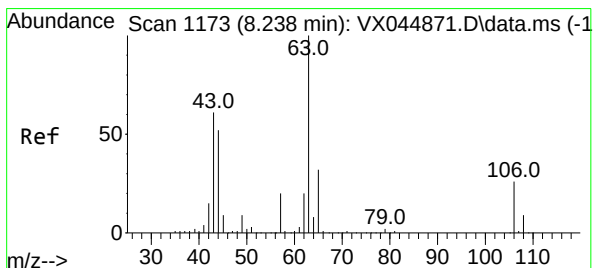
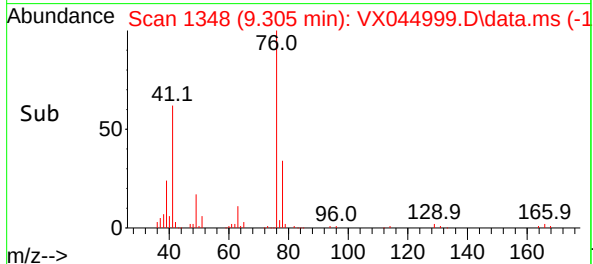
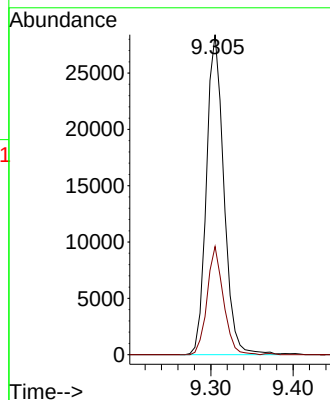
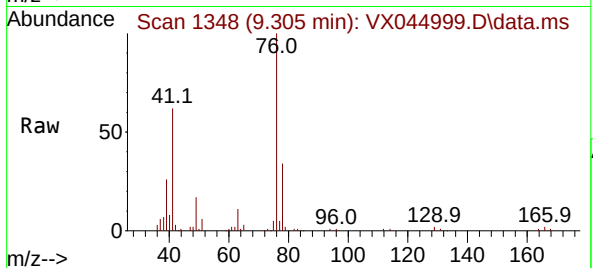
78 31.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 83.829 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044999.D

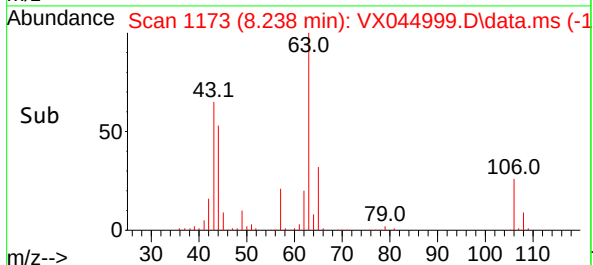
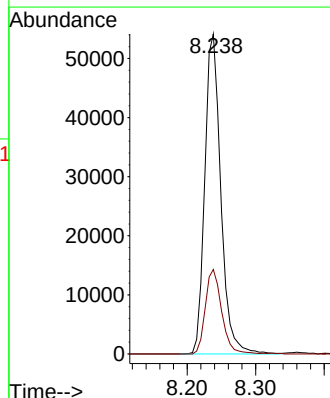
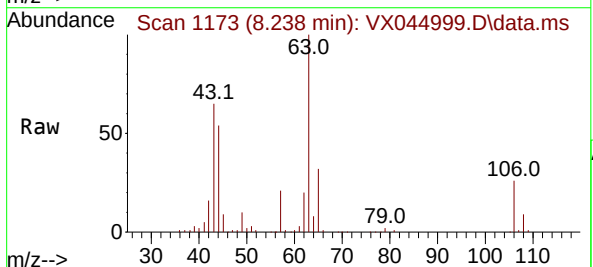
Acq: 19 Feb 2025 12:06

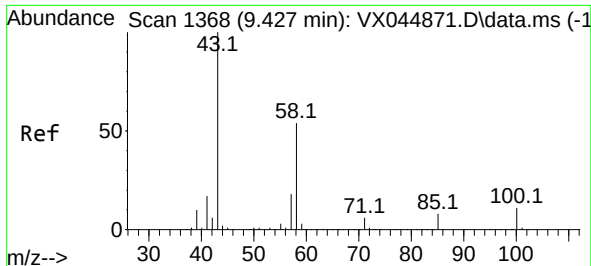
Tgt Ion: 63 Resp: 88245

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9





#59

2-Hexanone

Concen: 91.857 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 43 Resp: 13419

Ion Ratio Lower Upper

43 100

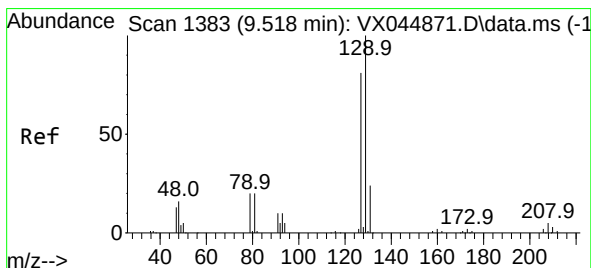
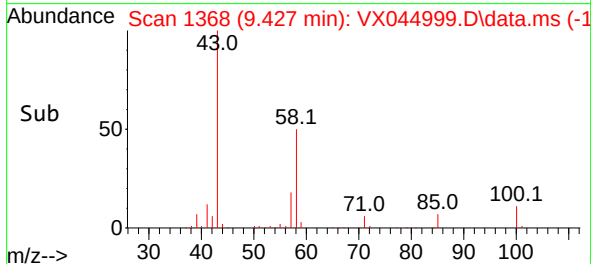
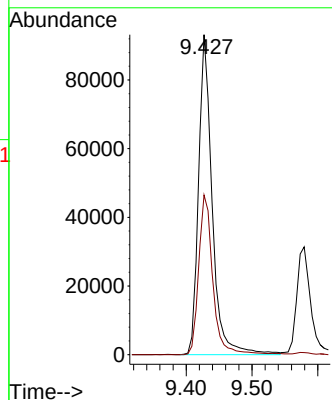
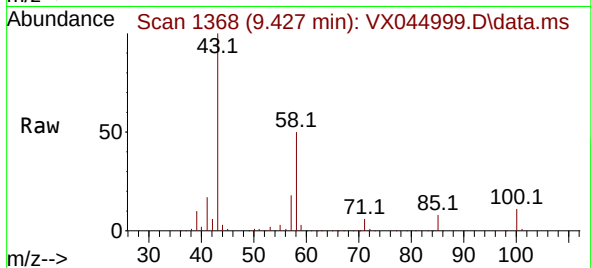
58 52.0 27.5 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#60

Dibromochloromethane

Concen: 17.715 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044999.D

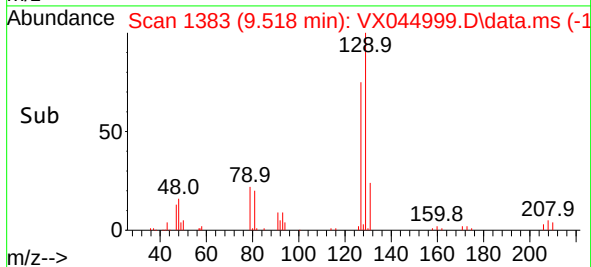
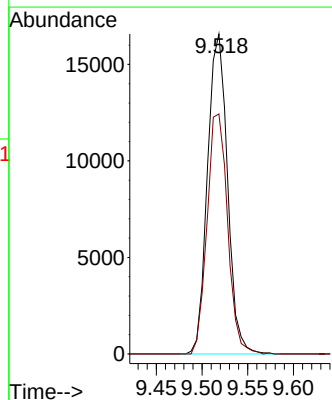
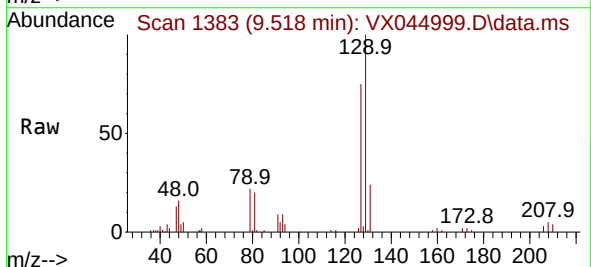
Acq: 19 Feb 2025 12:06

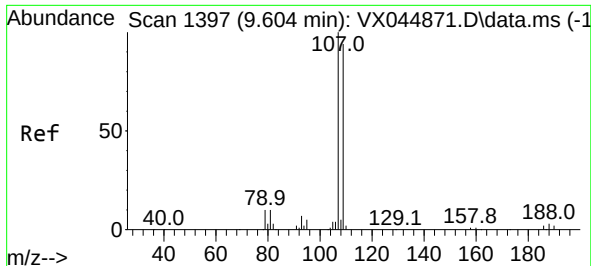
Tgt Ion:129 Resp: 25149

Ion Ratio Lower Upper

129 100

127 77.3 39.1 117.3





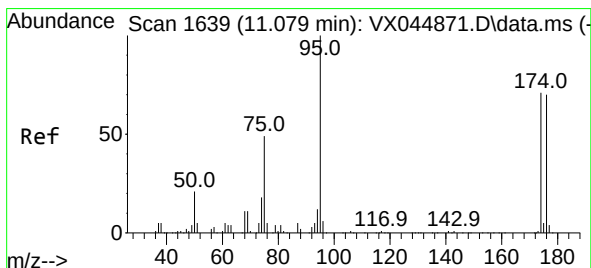
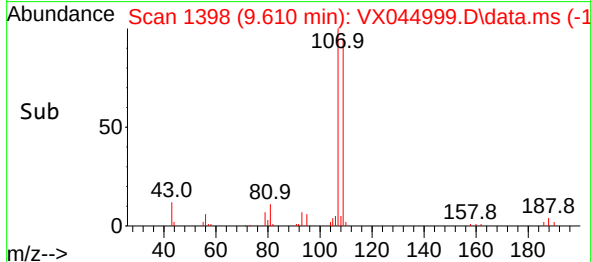
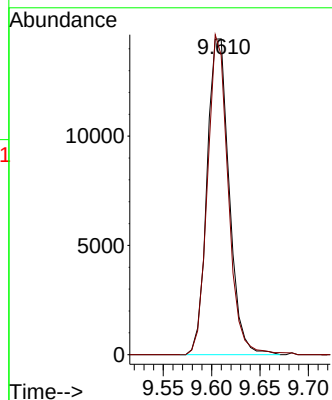
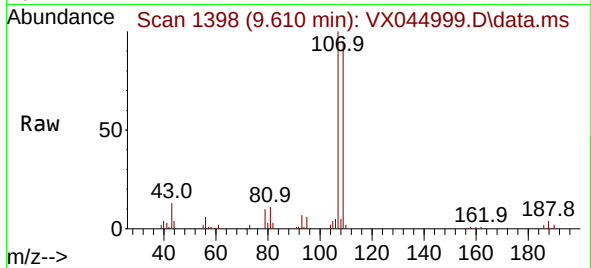
#61
1,2-Dibromoethane
Concen: 17.077 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:107 Resp: 22970
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9

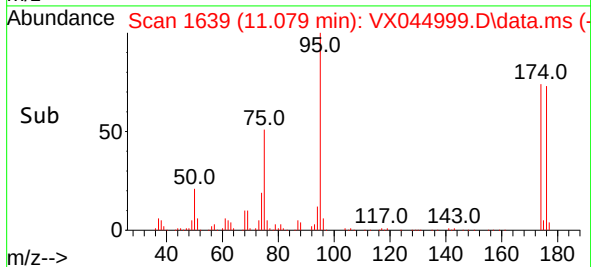
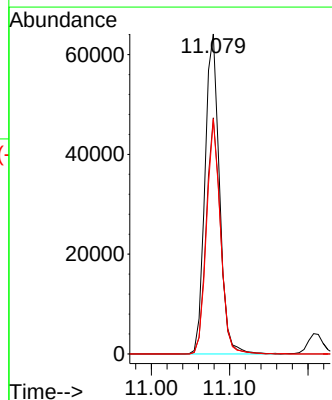
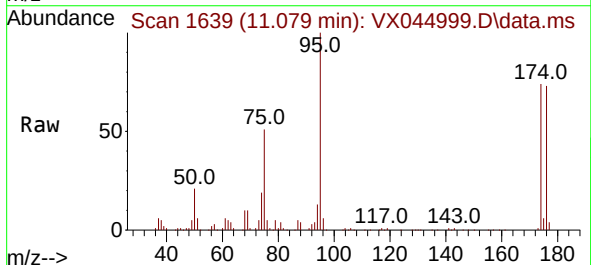
Manual Integrations
APPROVED

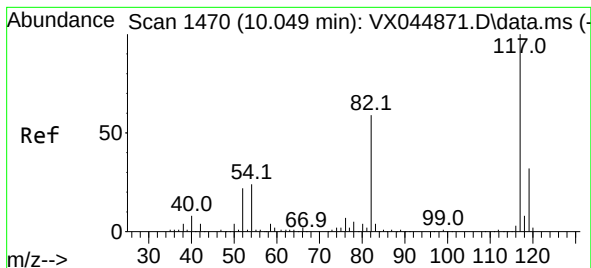
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#62
4-Bromofluorobenzene
Concen: 50.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

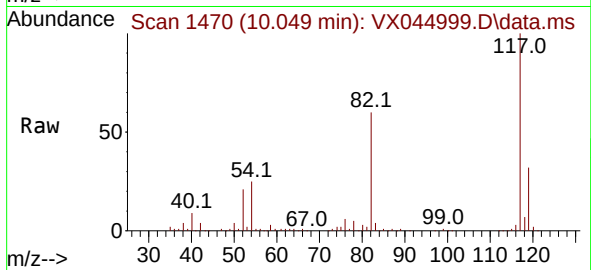
Tgt Ion: 95 Resp: 82350
Ion Ratio Lower Upper
95 100
174 71.9 0.0 142.6
176 70.2 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

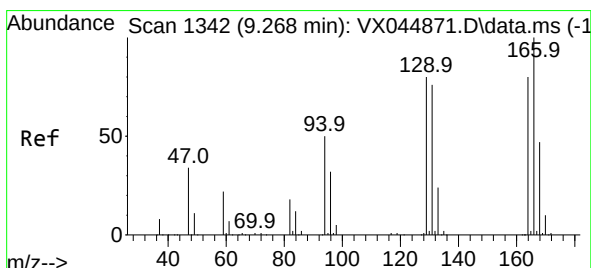
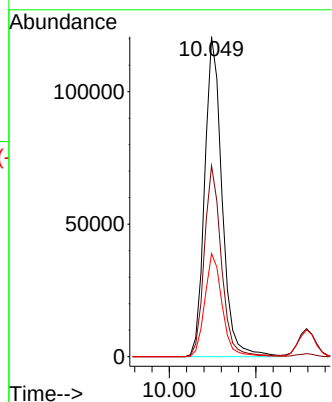
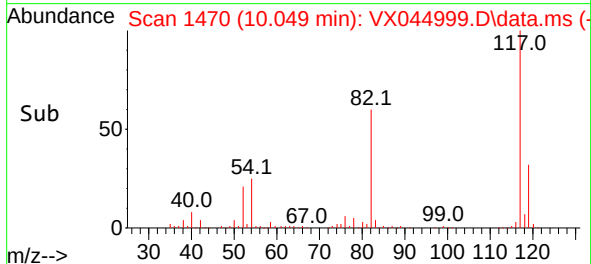
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion:117 Resp: 168480
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 32.2 25.4 38.0

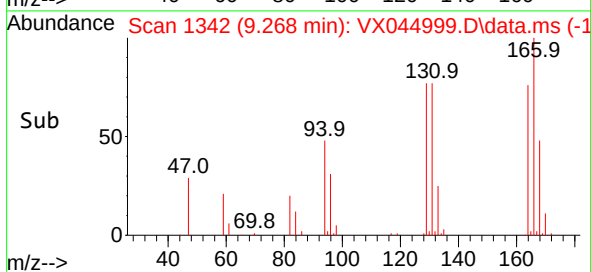
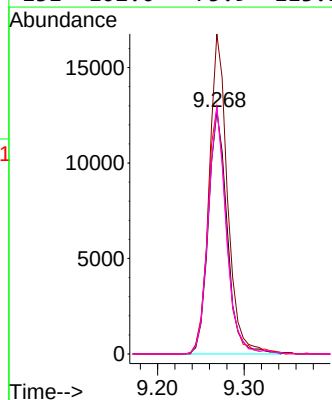
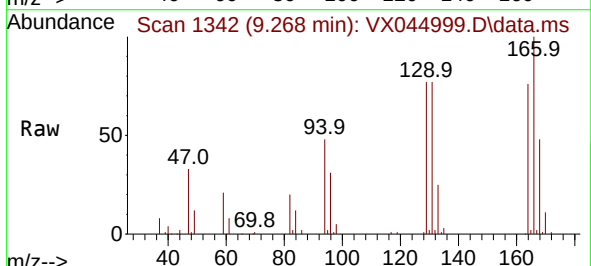
Manual Integrations
APPROVED

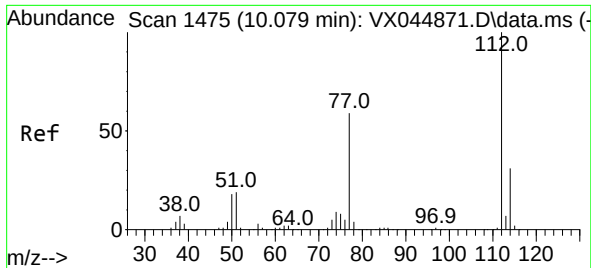
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#64
Tetrachloroethene
Concen: 18.036 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion:164 Resp: 19163
Ion Ratio Lower Upper
164 100
166 132.1 100.4 150.6
129 102.1 79.9 119.9
131 102.0 75.9 113.9





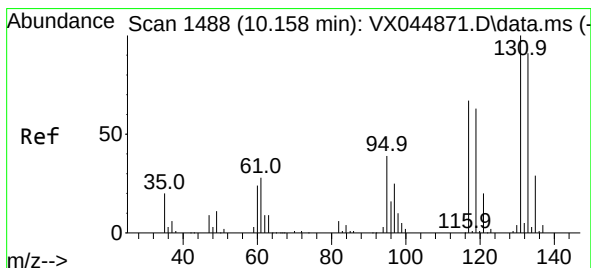
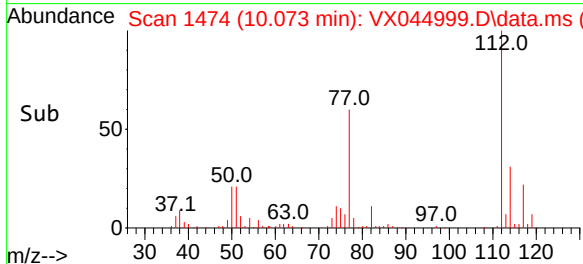
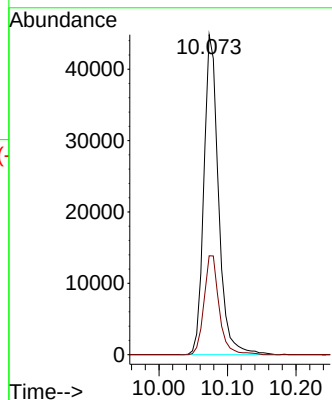
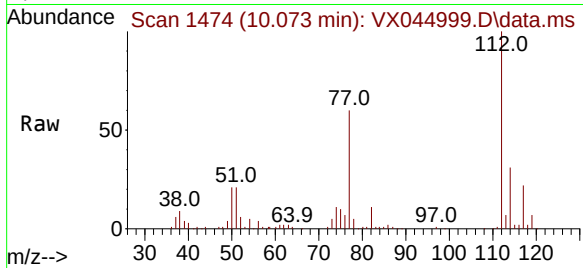
#65
Chlorobenzene
Concen: 18.444 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:112 Resp: 6674
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6

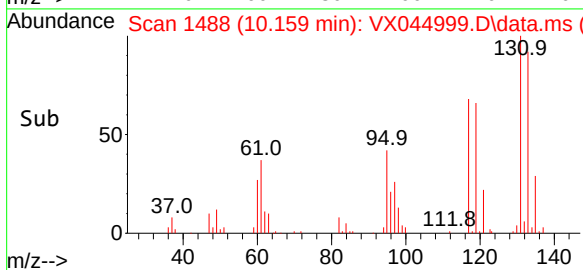
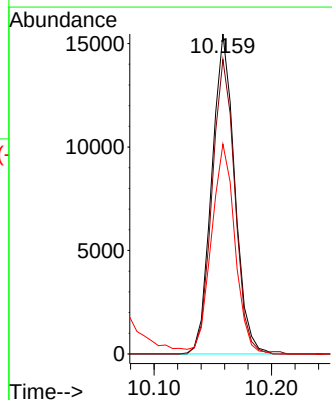
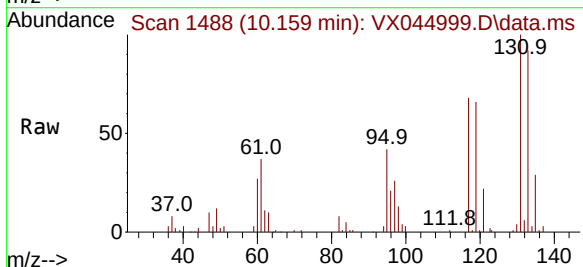
Manual Integrations
APPROVED

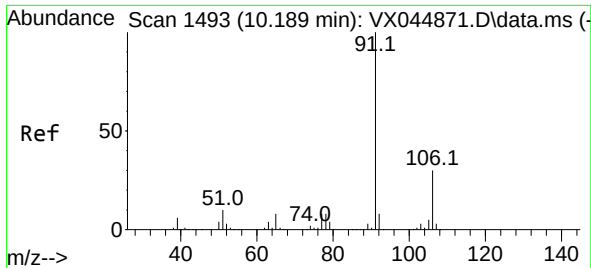
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.992 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

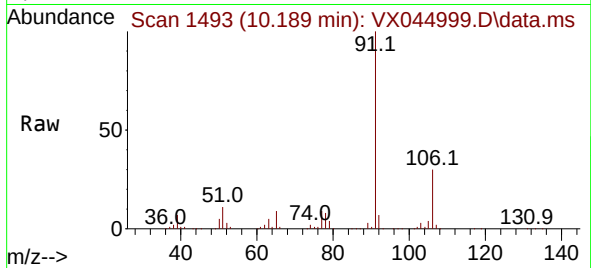
Tgt Ion:131 Resp: 20956
Ion Ratio Lower Upper
131 100
133 92.0 47.1 141.3
119 67.1 33.6 100.6





#67
Ethyl Benzene
Concen: 17.946 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

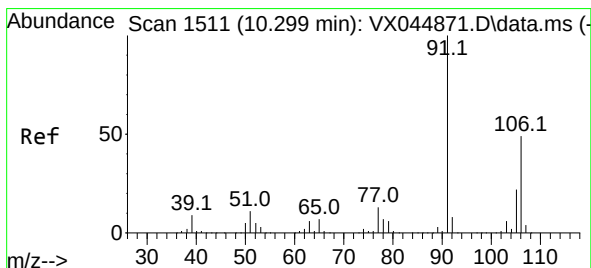
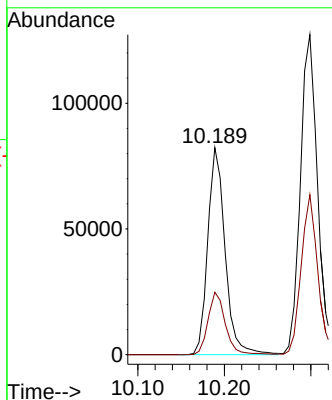
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 91 Resp: 114602
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

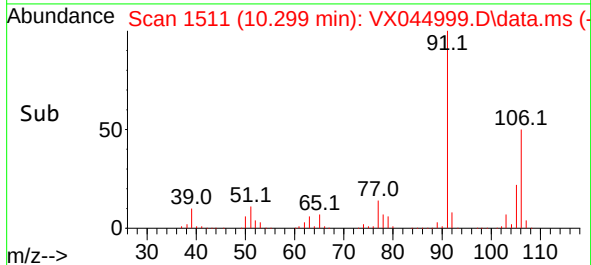
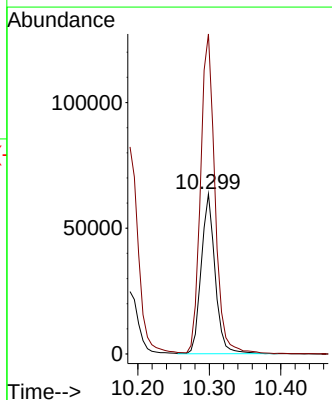
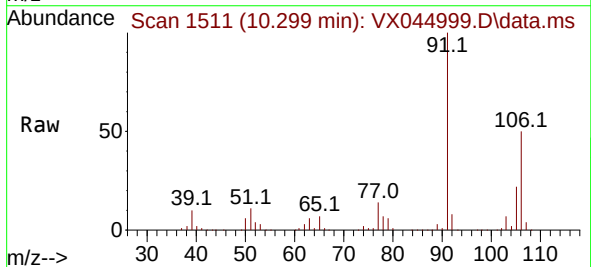
Manual Integrations
APPROVED

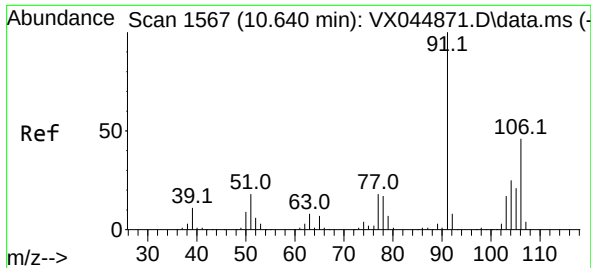
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#68
m/p-Xylenes
Concen: 36.510 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion:106 Resp: 86005
Ion Ratio Lower Upper
106 100
91 208.0 164.3 246.5





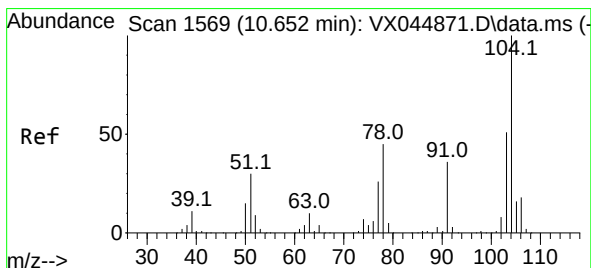
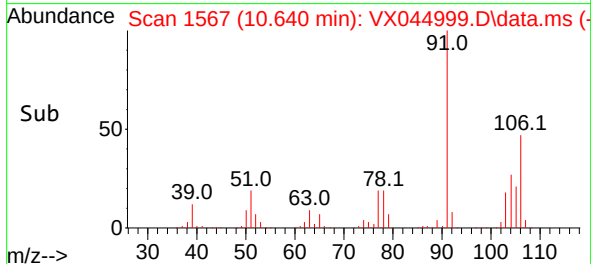
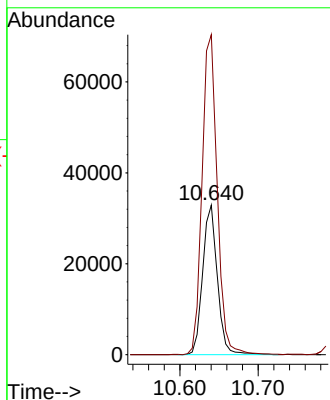
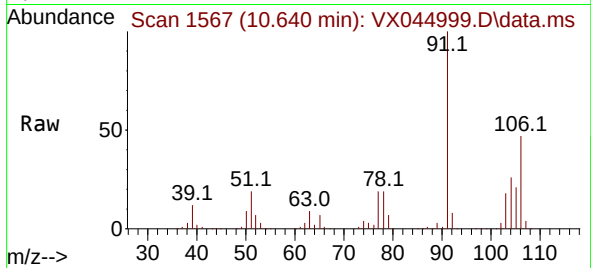
#69
o-Xylene
Concen: 18.096 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:106 Resp: 42774
Ion Ratio Lower Upper
106 100
91 220.9 108.5 325.5

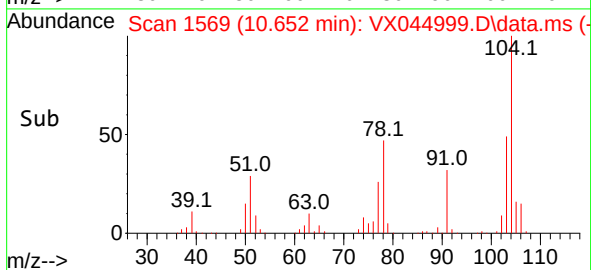
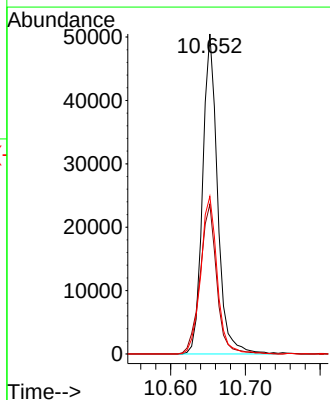
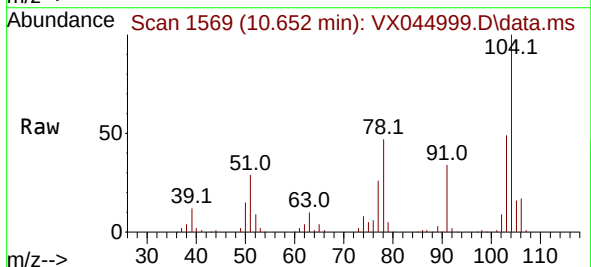
Manual Integrations
APPROVED

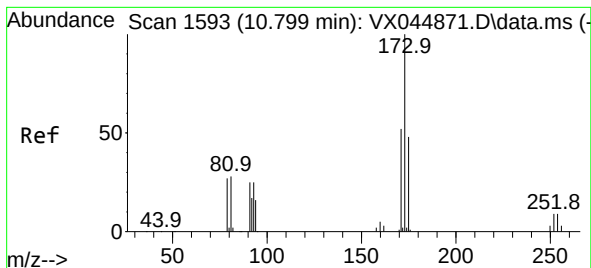
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#70
Styrene
Concen: 18.429 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion:104 Resp: 70180
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 54.3 43.6 65.4





#71

Bromoform

Concen: 17.407 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

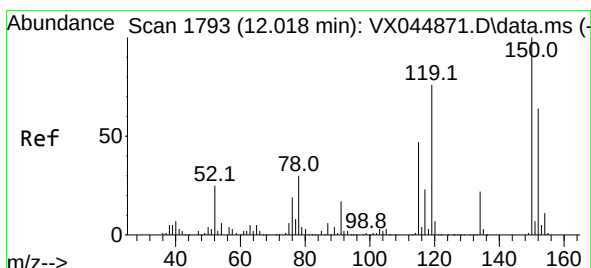
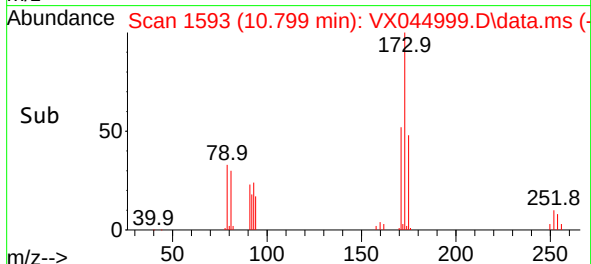
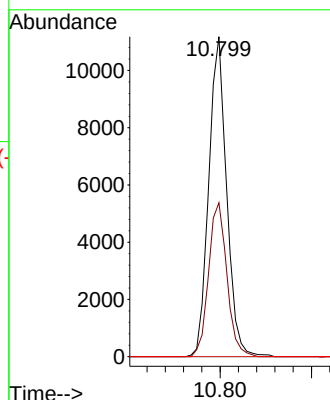
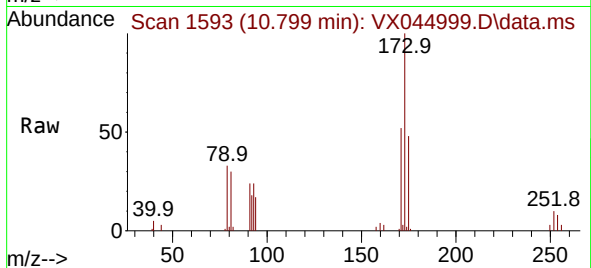
Tgt Ion:173 Resp: 1513
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

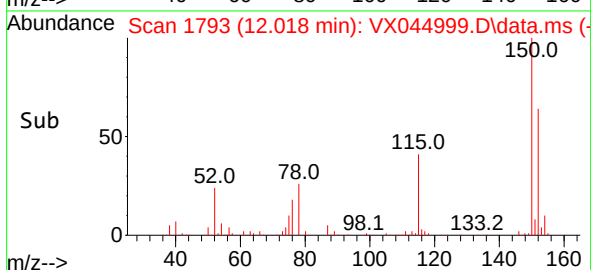
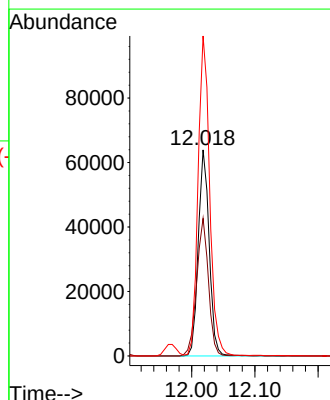
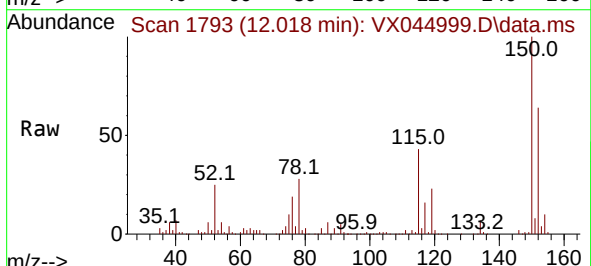
RT: 12.018 min Scan# 1793

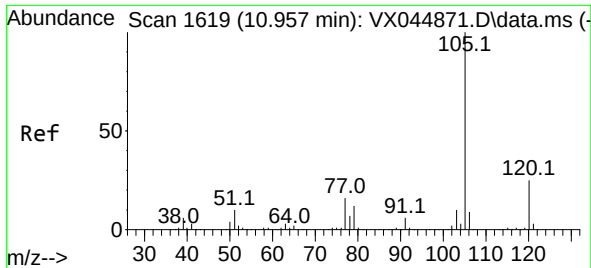
Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

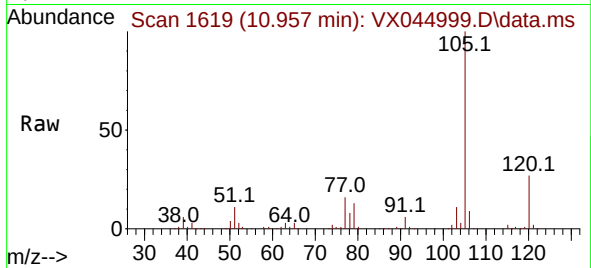
Tgt Ion:152 Resp: 77023
 Ion Ratio Lower Upper
 152 100
 115 72.2 43.4 130.1
 150 163.4 0.0 350.4





#73
Isopropylbenzene
Concen: 17.748 ug/l
RT: 10.957 min Scan# 11006
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

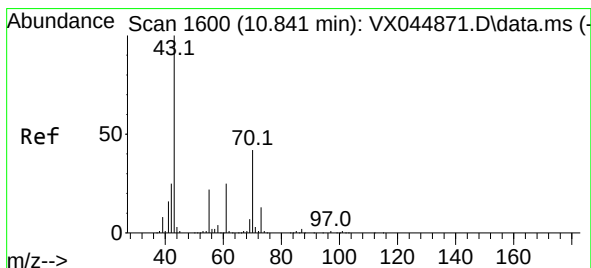
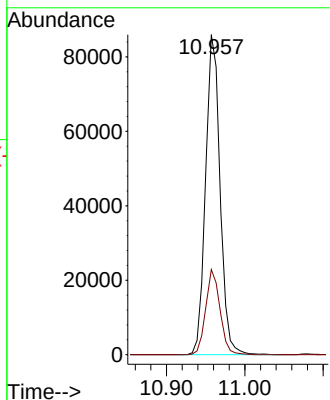
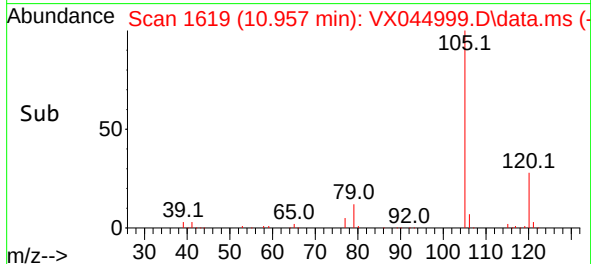
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



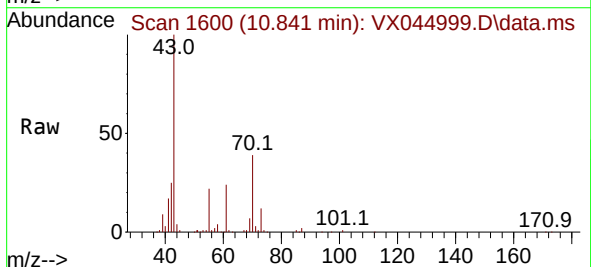
Tgt Ion:105 Resp: 11006
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
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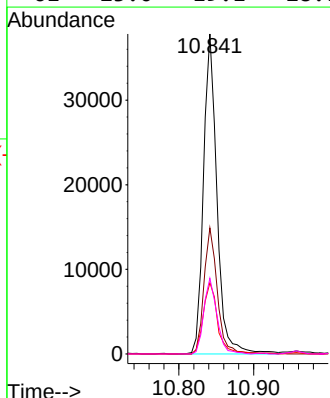
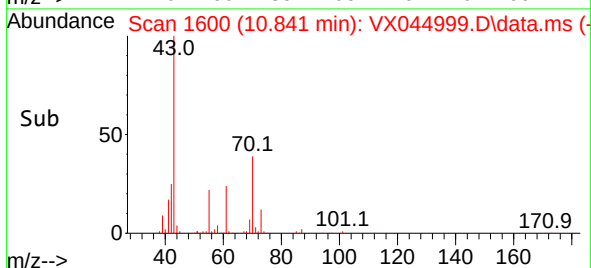
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

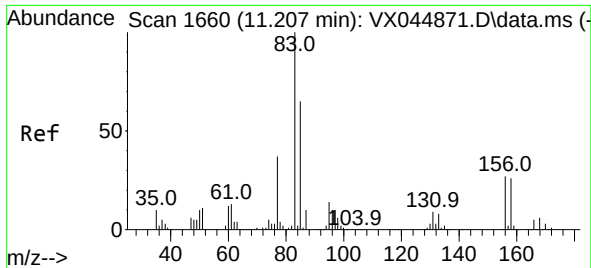


#74
N-ethyl acetate
Concen: 16.860 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06



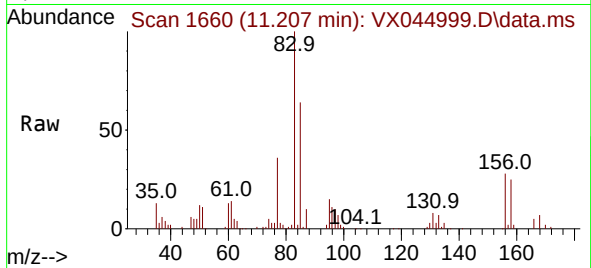
Tgt Ion: 43 Resp: 47317
Ion Ratio Lower Upper
43 100
70 39.3 33.7 50.5
55 23.8 18.6 27.8
61 23.0 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.267 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06

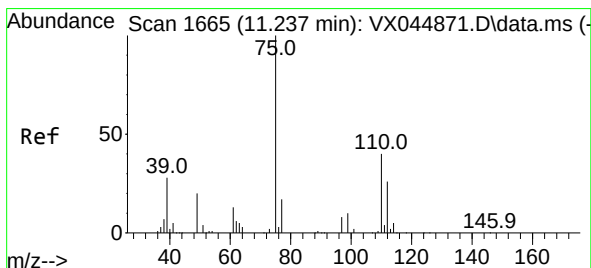
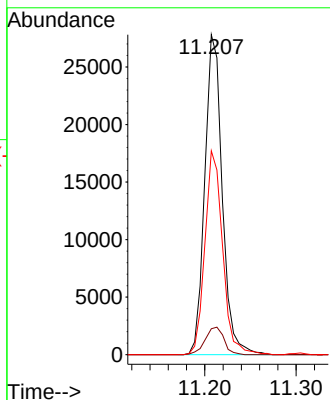
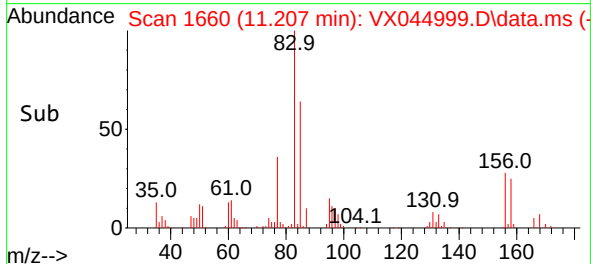
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01



Tgt Ion: 83 Resp: 36798
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.5 13.5
 85 64.7 32.3 96.8

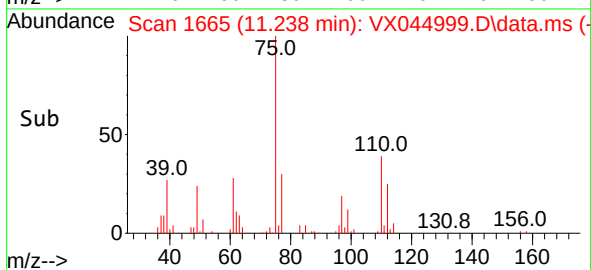
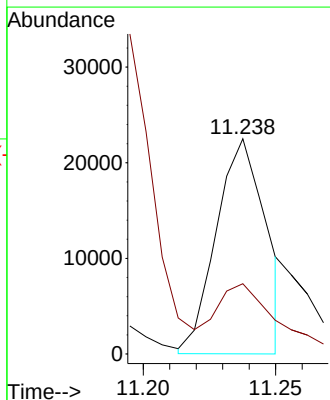
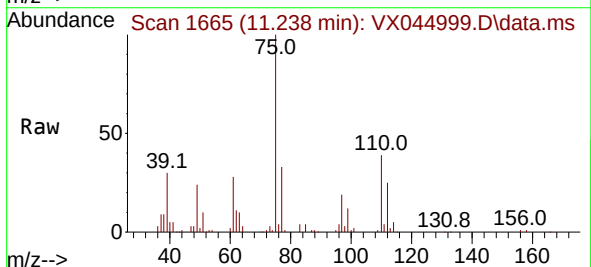
Manual Integrations
 APPROVED

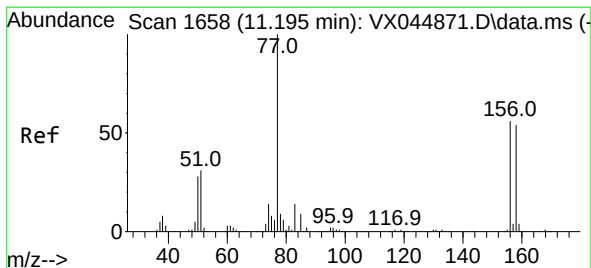
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#76
 1,2,3-Trichloropropane
 Concen: 17.127 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06

Tgt Ion: 75 Resp: 29248
 Ion Ratio Lower Upper
 75 100
 77 41.0 21.9 65.7





#77

Bromobenzene

Concen: 18.276 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

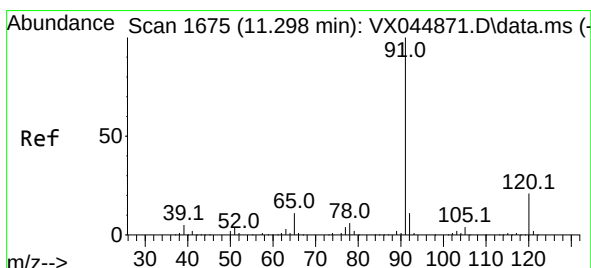
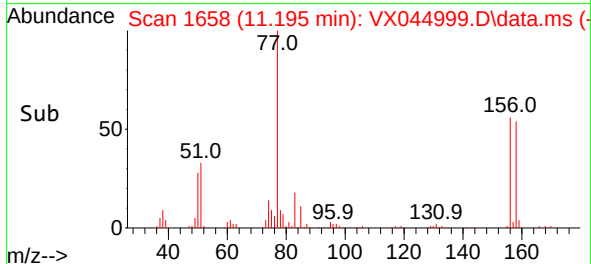
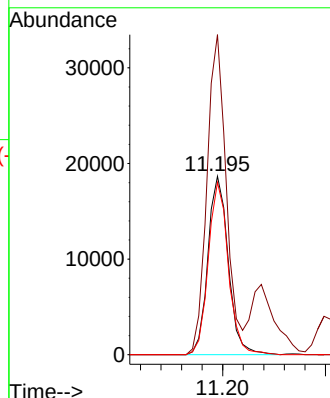
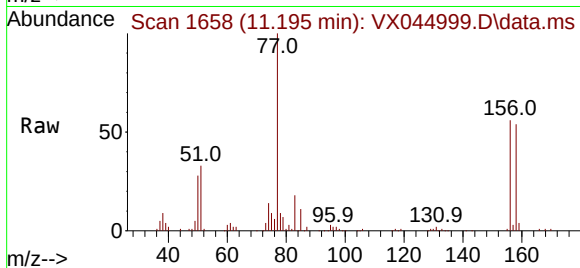
Tgt Ion:	156	Resp:	2569
Ion Ratio	Lower	Upper	
156	100		
77	170.6	88.4	265.3
158	95.4	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#78

n-propylbenzene

Concen: 18.046 ug/l

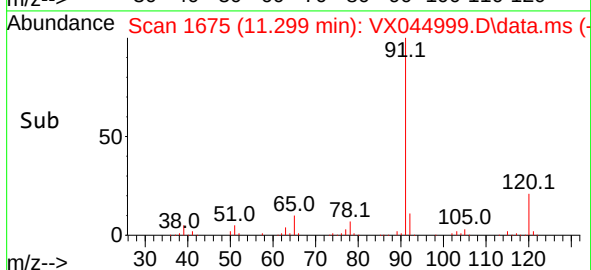
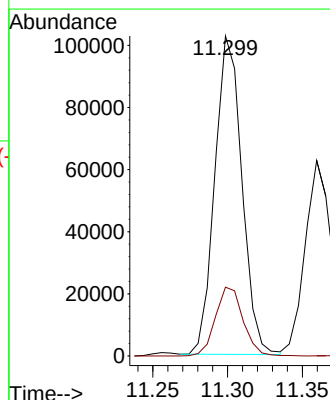
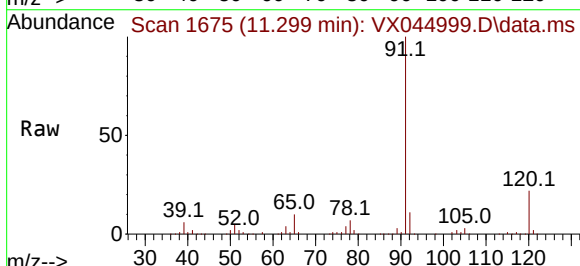
RT: 11.299 min Scan# 1675

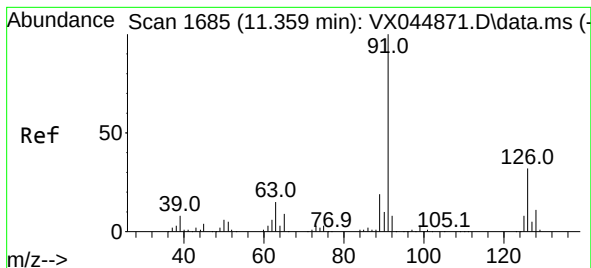
Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Tgt Ion:	91	Resp:	129177
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





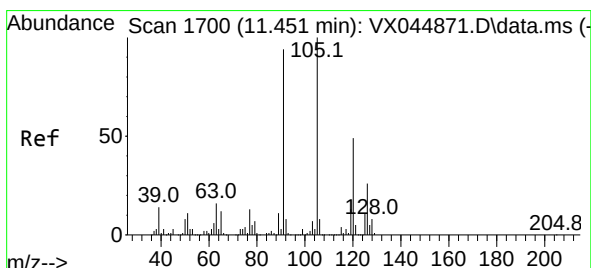
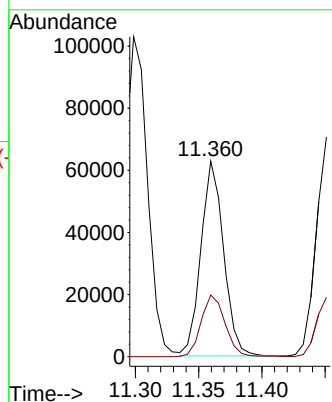
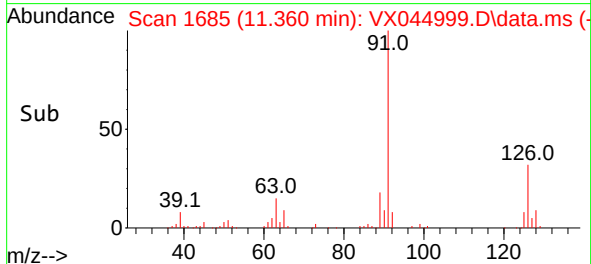
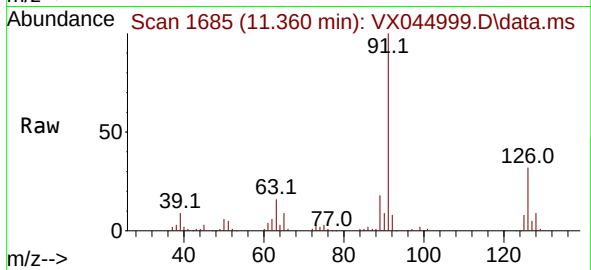
#79
2-Chlorotoluene
Concen: 17.813 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 91 Resp: 7836
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6

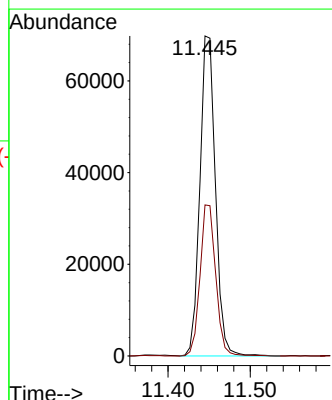
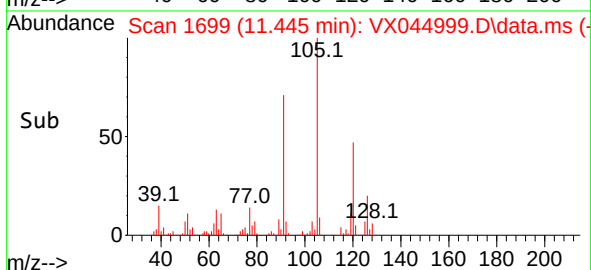
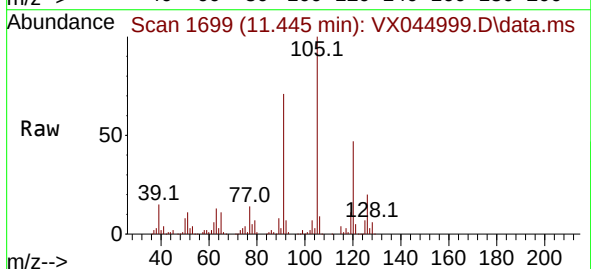
Manual Integrations
APPROVED

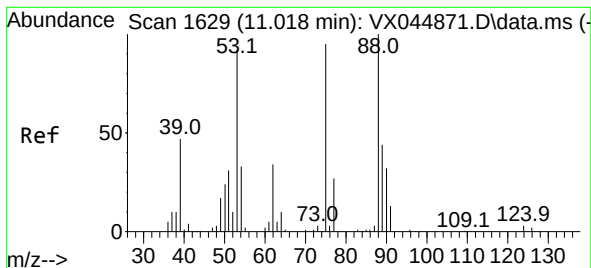
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.235 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

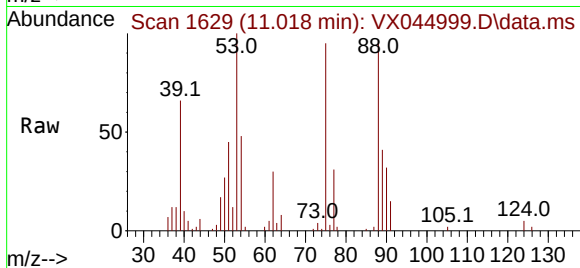
Tgt Ion:105 Resp: 91771
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 12.411 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

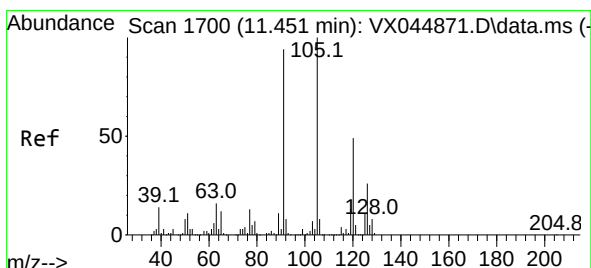
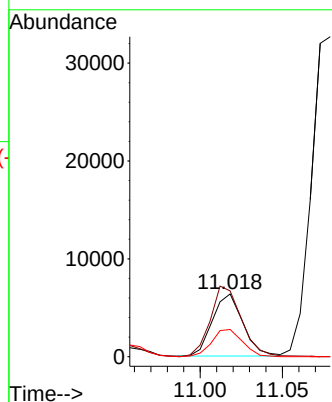
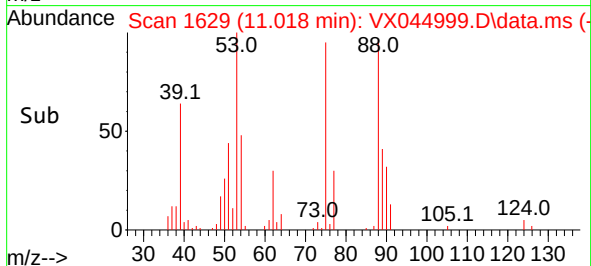
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 75 Resp: 8239
Ion Ratio Lower Upper
75 100
53 115.7 78.0 117.0
89 44.1 36.6 54.8

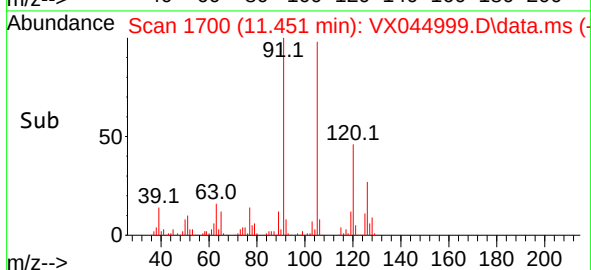
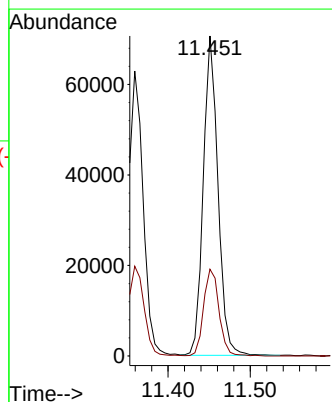
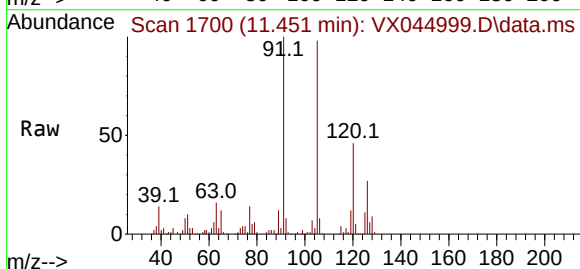
Manual Integrations
APPROVED

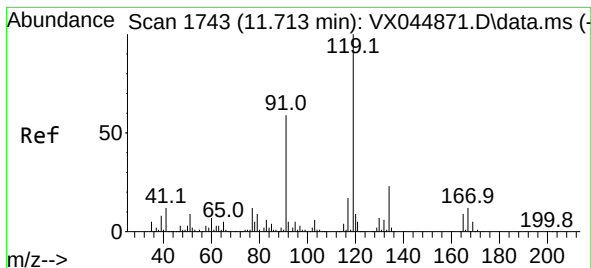
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#82
4-Chlorotoluene
Concen: 17.968 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

Tgt Ion: 91 Resp: 87455
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.018 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

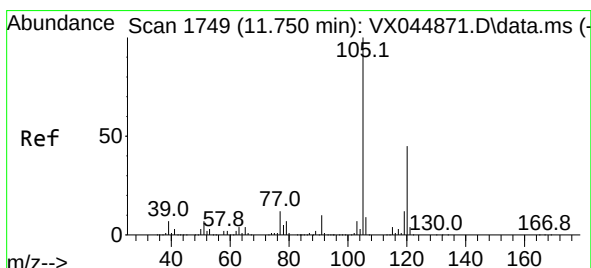
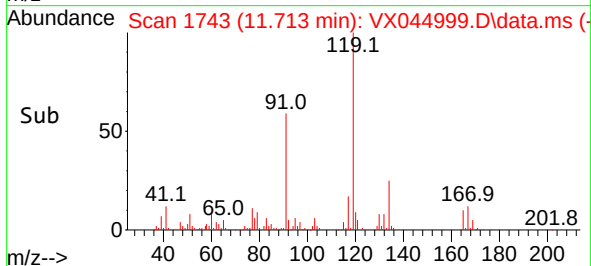
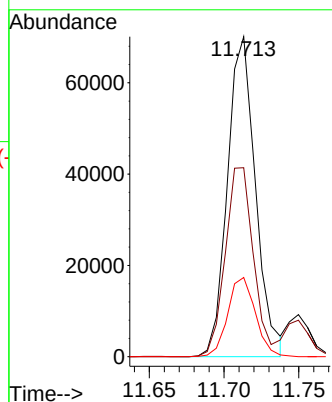
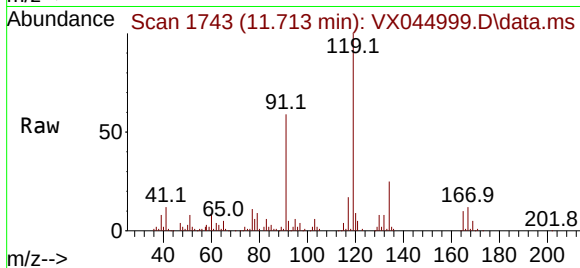
Tgt Ion:	119	Resp:	91738
Ion Ratio	Lower	Upper	
119	100		
91	58.8	29.1	87.4
134	24.3	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.391 ug/l

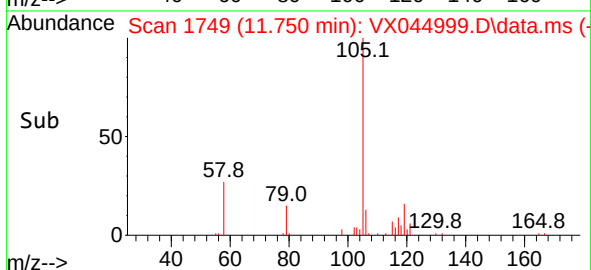
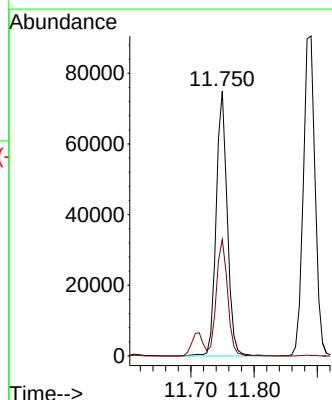
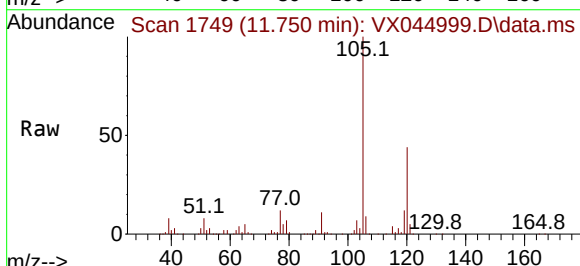
RT: 11.750 min Scan# 1749

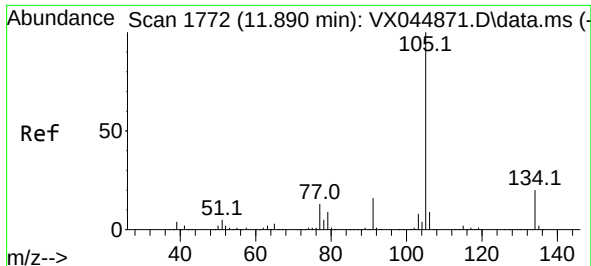
Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

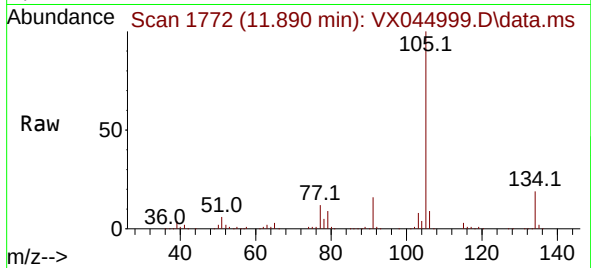
Tgt Ion:	105	Resp:	91351
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 18.475 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06

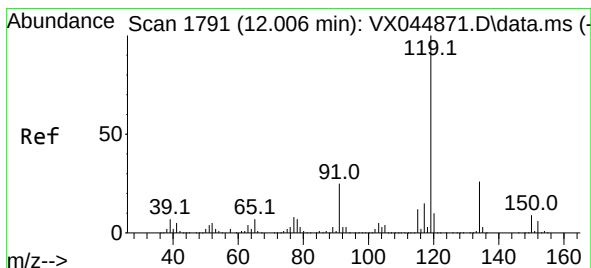
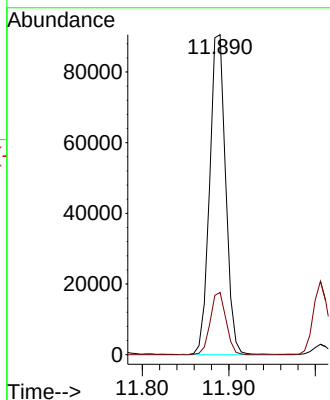
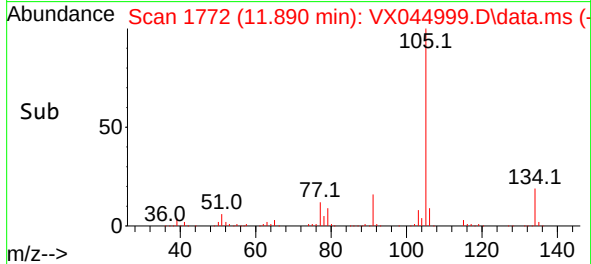
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01



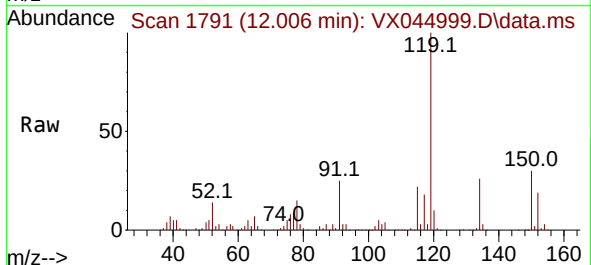
Tgt Ion:105 Resp: 116480
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

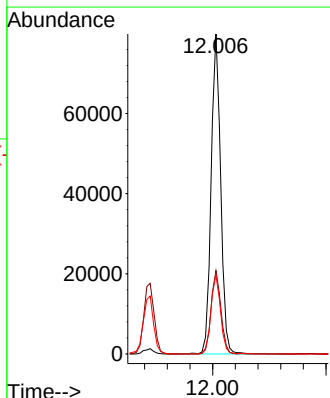
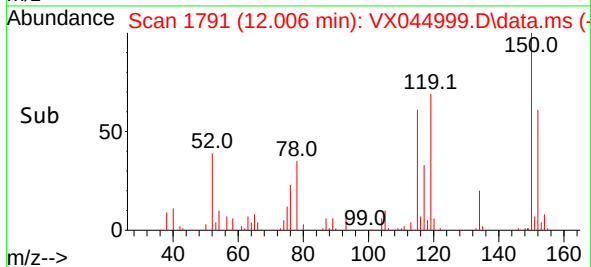
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

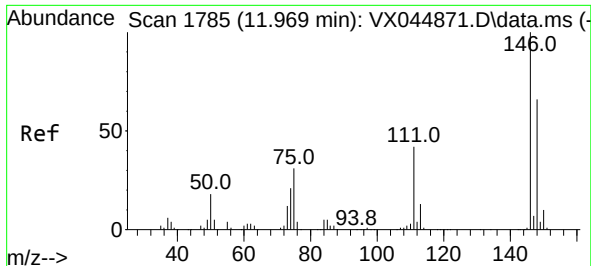


#86
 p-Isopropyltoluene
 Concen: 18.381 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044999.D
 Acq: 19 Feb 2025 12:06



Tgt Ion:119 Resp: 93192
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 38.9
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 17.936 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

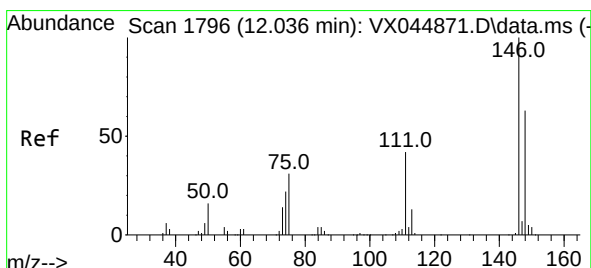
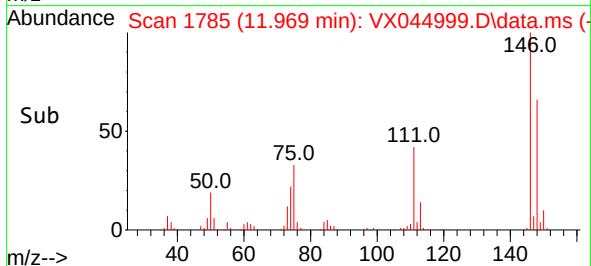
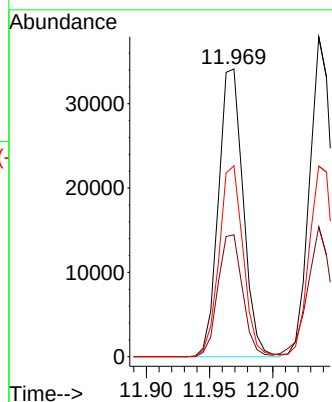
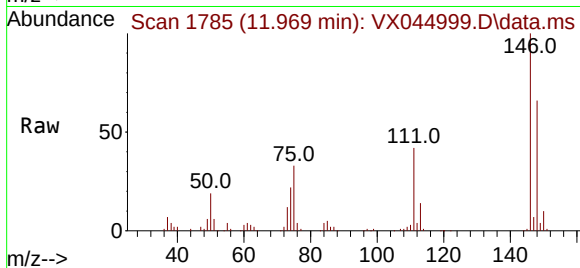
Tgt Ion:146 Resp: 46375
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.2 63.6
 148 64.7 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#88

1,4-Dichlorobenzene

Concen: 18.276 ug/l

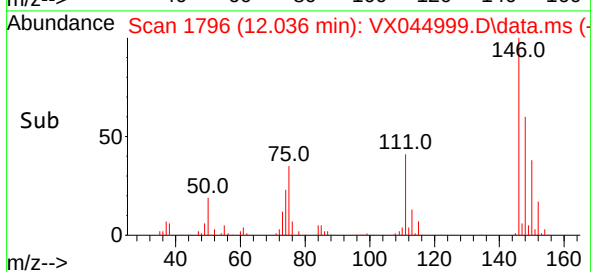
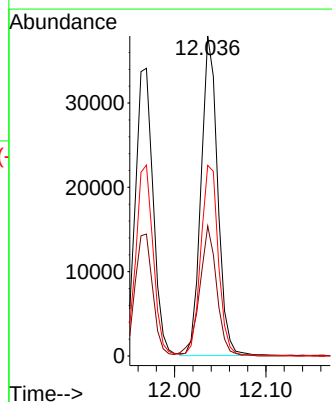
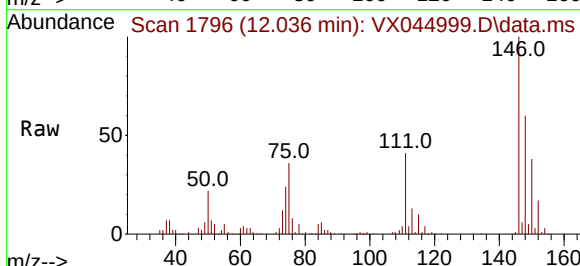
RT: 12.036 min Scan# 1796

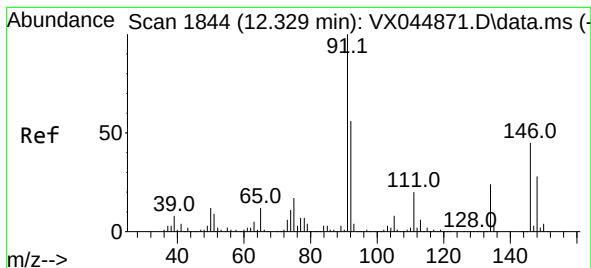
Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

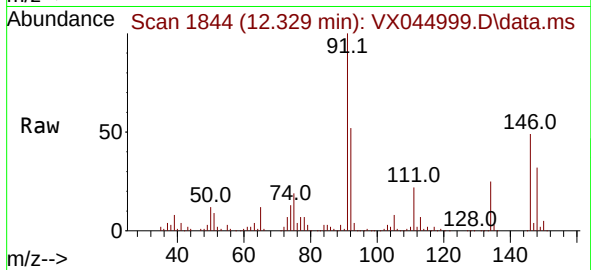
Tgt Ion:146 Resp: 47780
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.4 61.3
 148 63.5 32.0 96.0





#89
n-Butylbenzene
Concen: 18.299 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

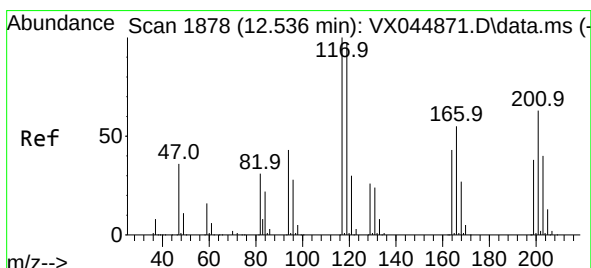
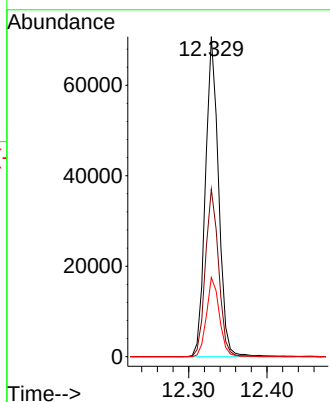
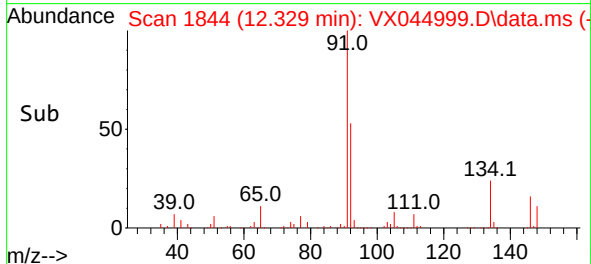
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 91 Resp: 82080
Ion Ratio Lower Upper
91 100
92 52.9 27.2 81.6
134 24.3 12.1 36.3

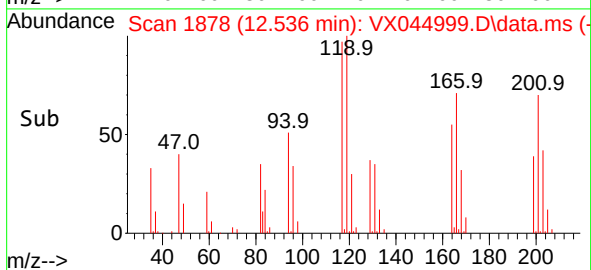
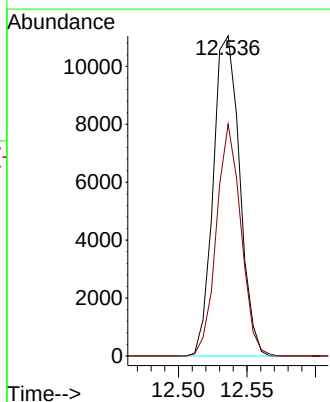
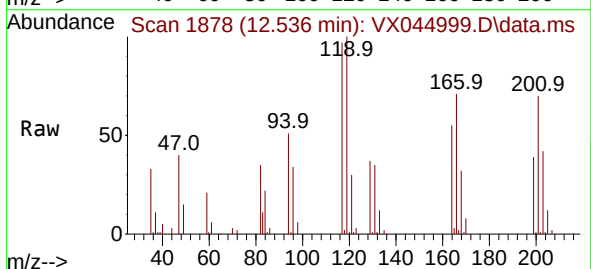
Manual Integrations
APPROVED

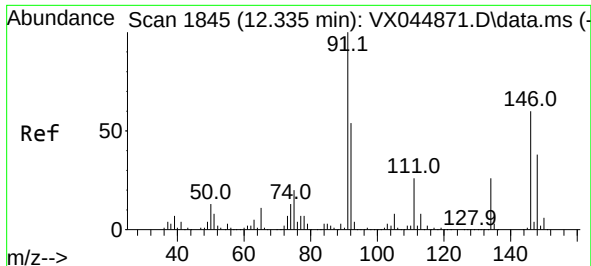
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#90
Hexachloroethane
Concen: 15.607 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

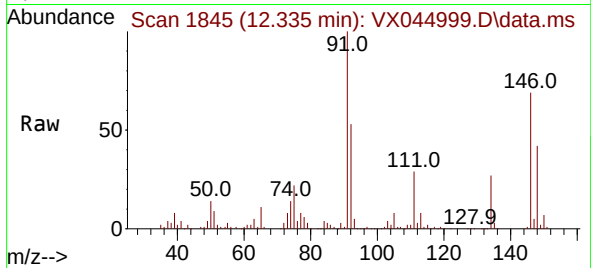
Tgt Ion:117 Resp: 14816
Ion Ratio Lower Upper
117 100
201 67.2 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 18.701 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

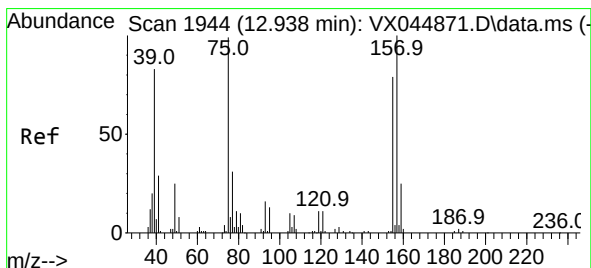
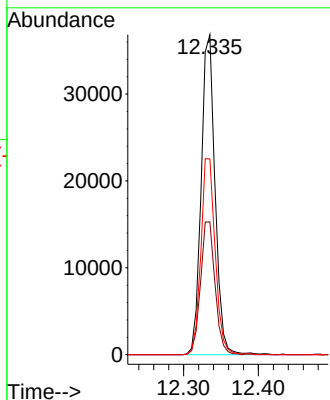
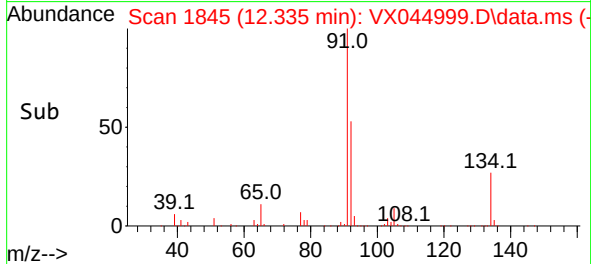
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



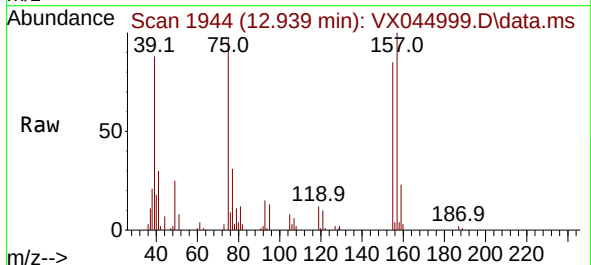
Tgt Ion:146 Resp: 4752
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.4
148 63.3 31.9 95.9

Manual Integrations
APPROVED

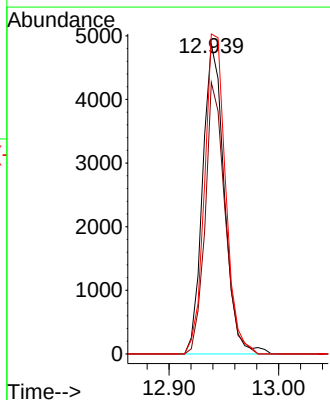
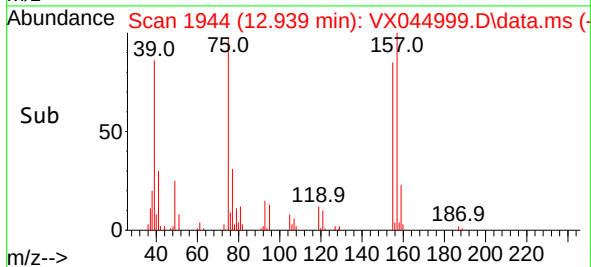
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

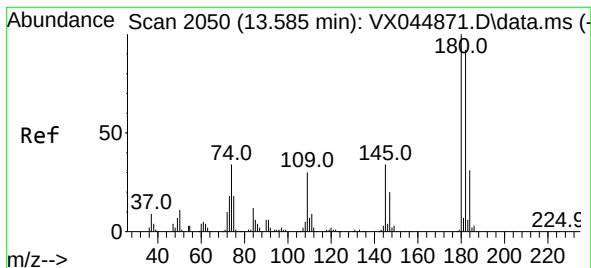


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.146 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06



Tgt Ion: 75 Resp: 6669
Ion Ratio Lower Upper
75 100
155 80.0 40.5 121.4
157 100.6 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 17.905 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

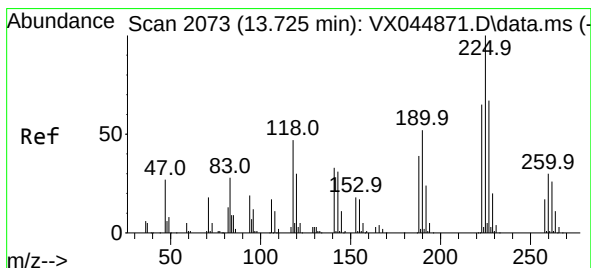
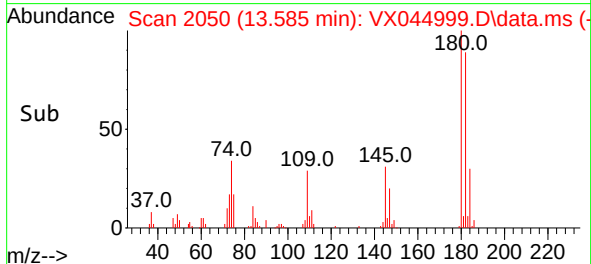
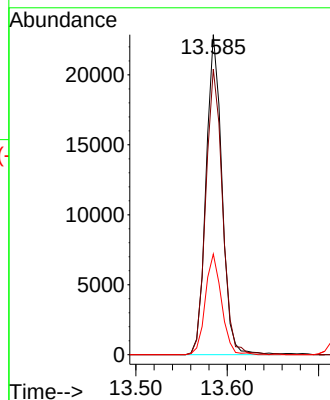
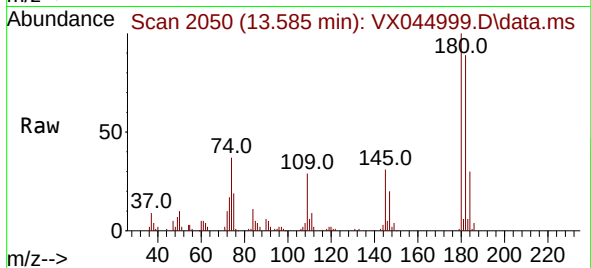
Tgt Ion:180	Resp:	2753
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.6 142.8
145	32.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#94

Hexachlorobutadiene

Concen: 18.431 ug/l

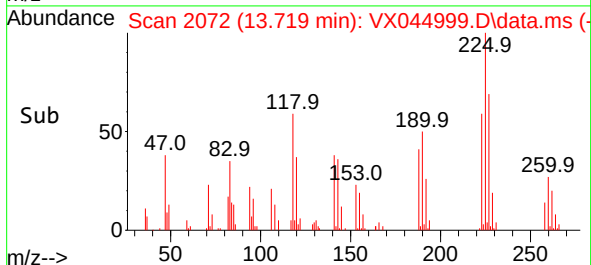
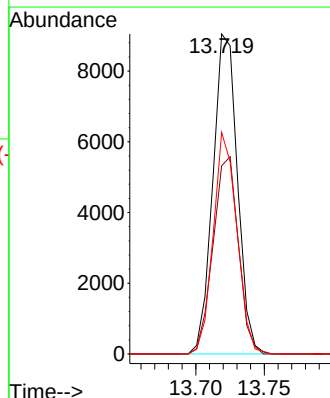
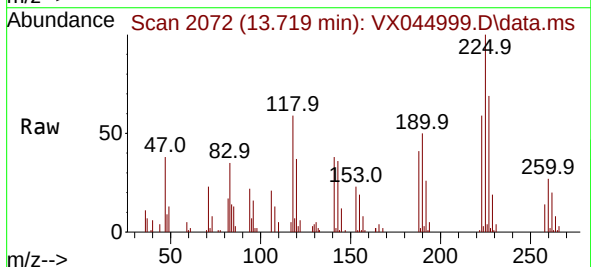
RT: 13.719 min Scan# 2072

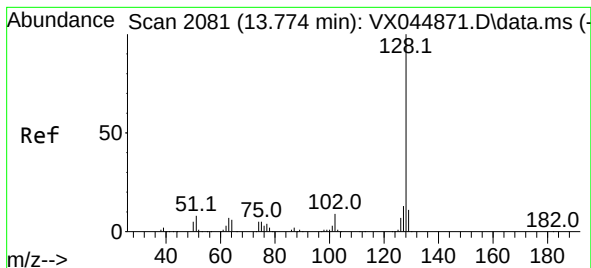
Delta R.T. -0.006 min

Lab File: VX044999.D

Acq: 19 Feb 2025 12:06

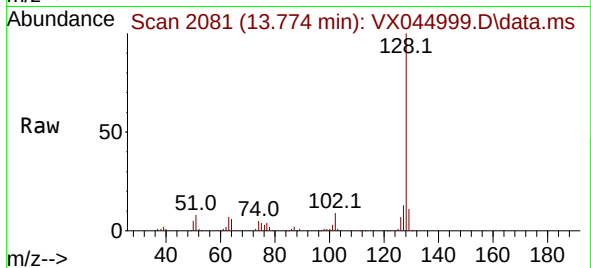
Tgt Ion:225	Resp:	11251
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.4 94.2
227	66.5	32.3 96.8





#95
Naphthalene
Concen: 17.939 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06

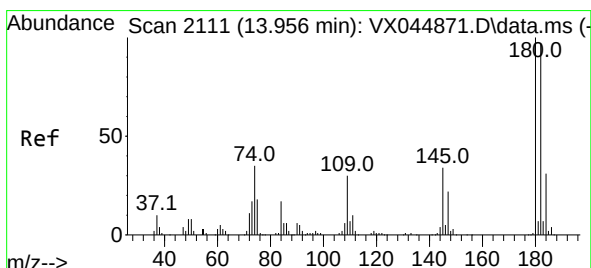
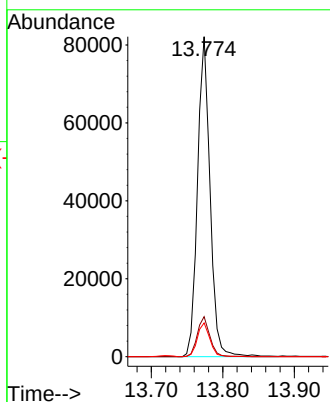
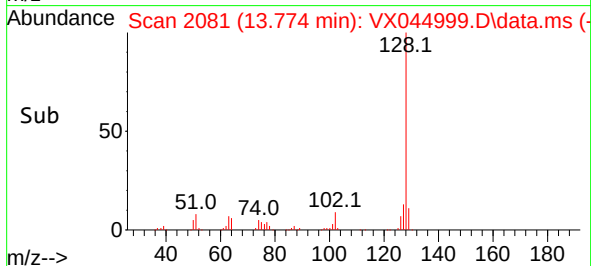
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



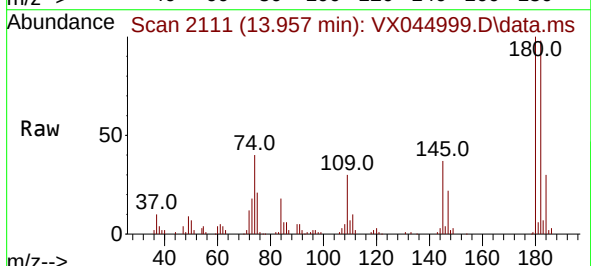
Tgt Ion:128 Resp: 9971
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.022 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044999.D
Acq: 19 Feb 2025 12:06



Tgt Ion:180 Resp: 27924
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 34.1 17.1 51.3

