

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044873.D
 Acq On : 10 Feb 2025 12:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 11 02:02:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 01:47:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	196663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84836	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	280853	153.180	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 306.360%#	
35) Dibromofluoromethane	5.379	113	229218	151.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 303.140%#	
50) Toluene-d8	8.647	98	845632	147.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 295.760%#	
62) 4-Bromofluorobenzene	11.079	95	287486	149.124	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 298.240%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	260576	148.330	ug/l	96
3) Chloromethane	1.307	50	297968	139.361	ug/l	100
4) Vinyl Chloride	1.374	62	305986	147.723	ug/l	99
5) Bromomethane	1.593	94	92399	149.071	ug/l	96
6) Chloroethane	1.660	64	67889	130.289	ug/l	97
7) Trichlorofluoromethane	1.867	101	378664	144.558	ug/l	99
8) Diethyl Ether	2.136	74	140428	147.822	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	239215	151.147	ug/l	100
10) Methyl Iodide	2.441	142	305390	148.887	ug/l	100
11) Tert butyl alcohol	3.020	59	242430	712.734	ug/l	100
12) 1,1-Dichloroethene	2.306	96	246987	152.989	ug/l	99
13) Acrolein	2.239	56	273178	778.418	ug/l	100
14) Allyl chloride	2.654	41	438493	150.289	ug/l	97
15) Acrylonitrile	3.068	53	684234	753.423	ug/l	99
16) Acetone	2.386	43	547939	743.398	ug/l	99
17) Carbon Disulfide	2.502	76	693558	156.665	ug/l	100
18) Methyl Acetate	2.703	43	373877	160.743	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	792810	154.347	ug/l	100
20) Methylene Chloride	2.782	84	270575	149.871	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	242082	152.356	ug/l	93
22) Diisopropyl ether	3.757	45	839126	152.020	ug/l	98
23) Vinyl Acetate	3.721	43	3555031	789.993	ug/l	100
24) 1,1-Dichloroethane	3.605	63	472424	152.959	ug/l	99
25) 2-Butanone	4.556	43	914741	764.276	ug/l	98
26) 2,2-Dichloropropane	4.471	77	382167	156.029	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	292864	153.446	ug/l	99
28) Bromochloromethane	4.891	49	217387	146.458	ug/l	98
29) Tetrahydrofuran	5.001	42	596045	749.977	ug/l	99
30) Chloroform	5.086	83	453809	151.509	ug/l	99
31) Cyclohexane	5.458	56	423464	148.722	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	386162	151.996	ug/l	99
36) 1,1-Dichloropropene	5.684	75	324182	148.585	ug/l	100
37) Ethyl Acetate	4.715	43	368763	151.956	ug/l	99
38) Carbon Tetrachloride	5.672	117	320536	149.921	ug/l	98
39) Methylcyclohexane	7.373	83	443218	157.130	ug/l	99
40) Benzene	6.031	78	1014129	148.856	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	206155	158.707	ug/l	100
42) 1,2-Dichloroethane	6.080	62	336520	154.984	ug/l	99
43) Isopropyl Acetate	6.336	43	617516	157.575	ug/l	99
44) Trichloroethene	7.117	130	239030	153.496	ug/l	99
45) 1,2-Dichloropropane	7.427	63	259454	153.076	ug/l	100
46) Dibromomethane	7.574	93	179689	152.870	ug/l	99
47) Bromodichloromethane	7.818	83	357623	157.128	ug/l	98
48) Methyl methacrylate	7.690	41	297931	161.236	ug/l	99
49) 1,4-Dioxane	7.665	88	106175	2678.192	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1736538	728.887	ug/l	100
52) Toluene	8.714	92	603113	148.645	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	378639	164.398	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	417724	162.667	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	229548	147.172	ug/l	98
56) Ethyl methacrylate	9.116	69	398535	158.205	ug/l	99
57) 1,3-Dichloropropane	9.305	76	403665	147.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	982120	794.010	ug/l	100
59) 2-Hexanone	9.433	43	1264470	736.622	ug/l	99
60) Dibromochloromethane	9.519	129	258320	154.862	ug/l	99
61) 1,2-Dibromoethane	9.604	107	240539	152.157	ug/l	99
64) Tetrachloroethene	9.269	164	184990	149.155	ug/l	96
65) Chlorobenzene	10.073	112	634550	150.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	212441	156.255	ug/l	99
67) Ethyl Benzene	10.189	91	1137842	152.647	ug/l	100
68) m/p-Xylenes	10.299	106	818971	297.841	ug/l	98
69) o-Xylene	10.640	106	401928	145.674	ug/l	99
70) Styrene	10.653	104	671843	151.140	ug/l	98
71) Bromoform	10.799	173	169481	167.033	ug/l #	98
73) Isopropylbenzene	10.957	105	1037402	151.869	ug/l	99
74) N-amyl acetate	10.841	43	521962	168.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	346013	147.409	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	284934m	151.485	ug/l	
77) Bromobenzene	11.195	156	234957	151.715	ug/l	99
78) n-propylbenzene	11.305	91	1231079	156.140	ug/l	99
79) 2-Chlorotoluene	11.360	91	717766	148.123	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	822707	148.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	126660	173.221	ug/l	98
82) 4-Chlorotoluene	11.451	91	818099	152.602	ug/l	99
83) tert-Butylbenzene	11.713	119	838979	149.610	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	838584	153.274	ug/l	99
85) sec-Butylbenzene	11.890	105	1061101	152.806	ug/l	100
86) p-Isopropyltoluene	12.006	119	865491	154.987	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	433384	152.175	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	432987	150.362	ug/l	100
89) n-Butylbenzene	12.329	91	827359	167.469	ug/l	100
90) Hexachloroethane	12.536	117	175414	167.760	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	417167	149.042	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	73593	171.783	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	283004	167.095	ug/l	98
94) Hexachlorobutadiene	13.725	225	104674	155.682	ug/l	97
95) Naphthalene	13.774	128	1015801	165.916	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	282289	165.408	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC150

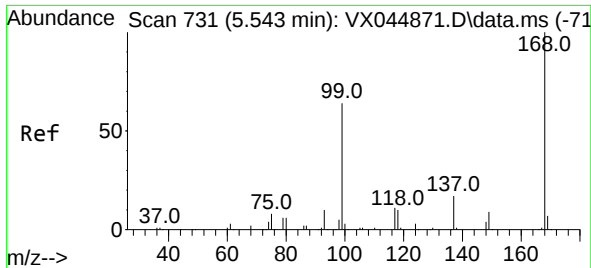
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Feb 11 01:47:50 2025
Response via : Initial Calibration

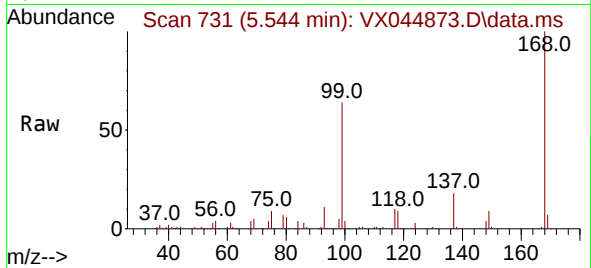
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044873.D
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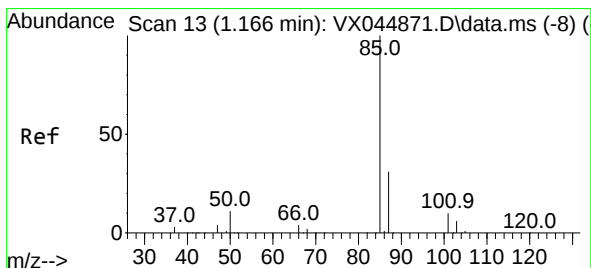
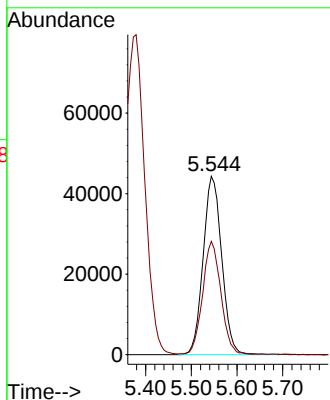
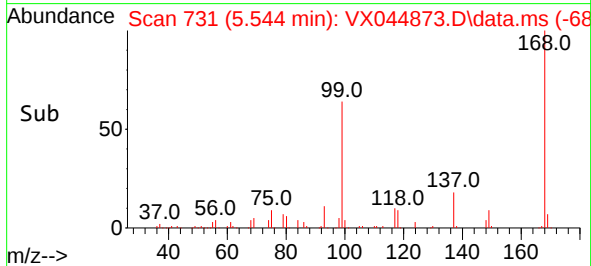
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



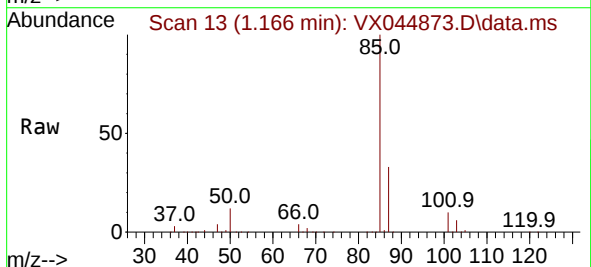
Tgt Ion:168 Resp: 12525
Ion Ratio Lower Upper
168 100
99 63.2 51.2 76.8

Manual Integrations
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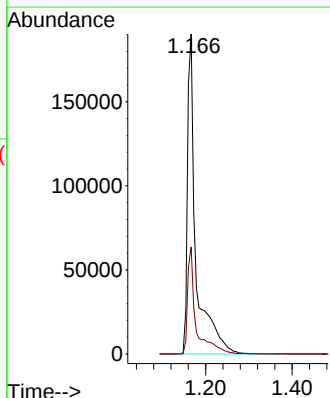
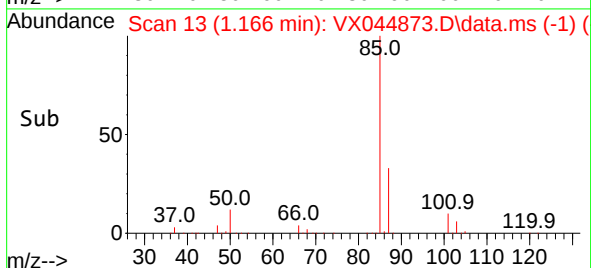
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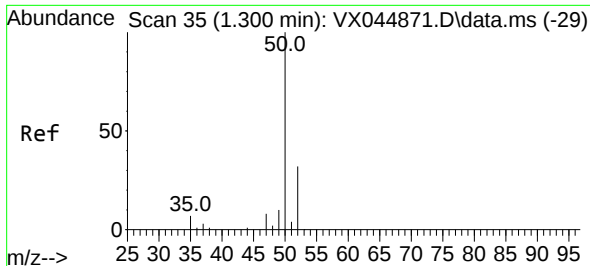


#2
Dichlorodifluoromethane
Concen: 148.330 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 85 Resp: 260576
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.3





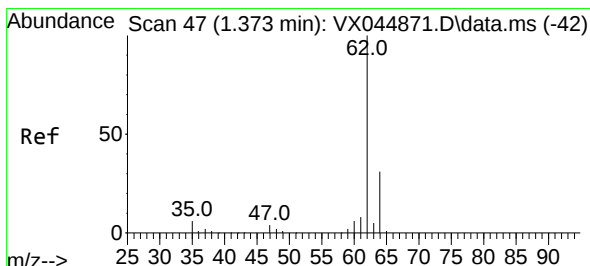
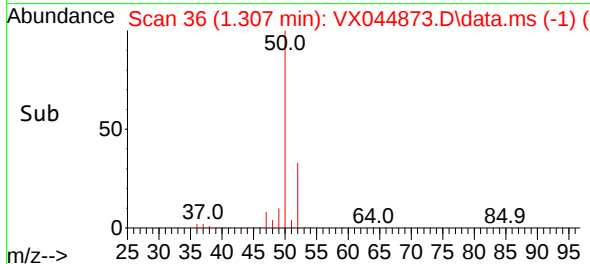
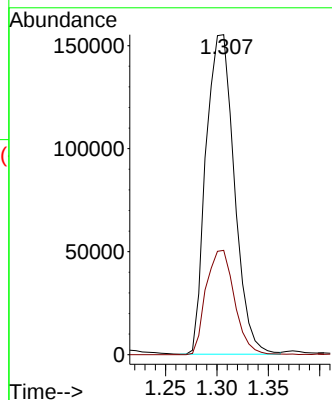
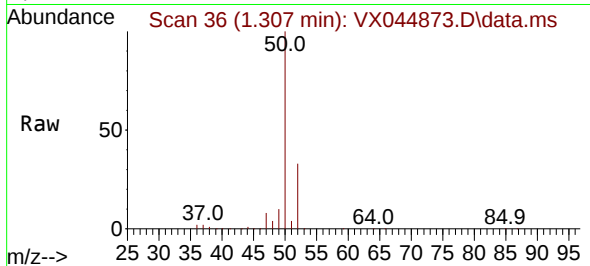
#3
Chloromethane
Concen: 139.361 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
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Tgt Ion: 50 Resp: 297968
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

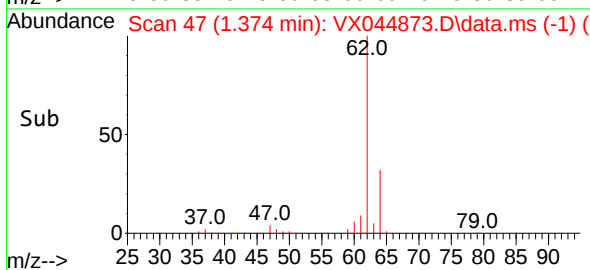
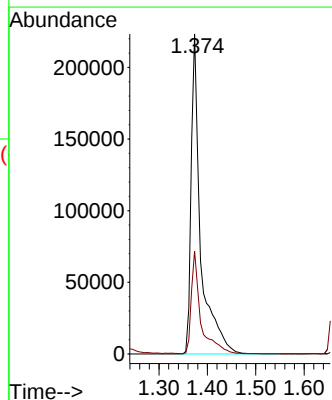
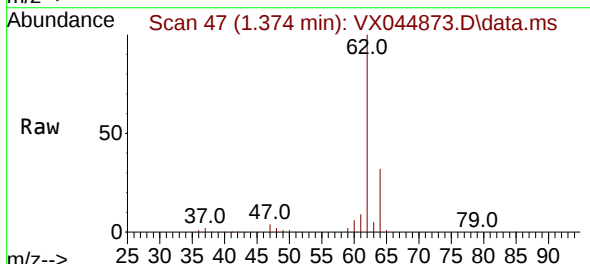
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#4
Vinyl Chloride
Concen: 147.723 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

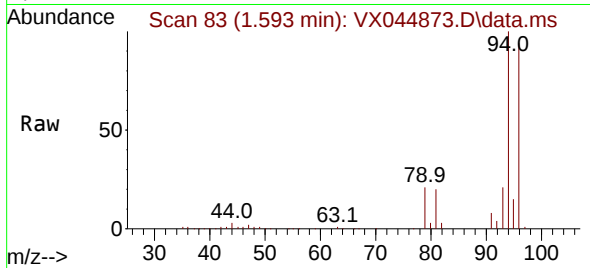
Tgt Ion: 62 Resp: 305986
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 149.071 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

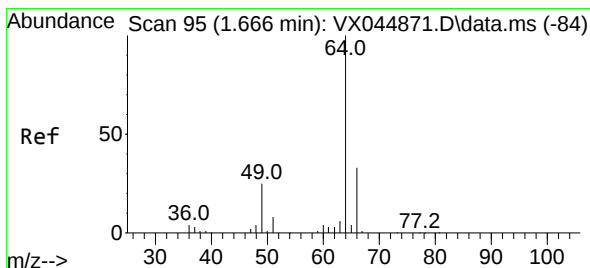
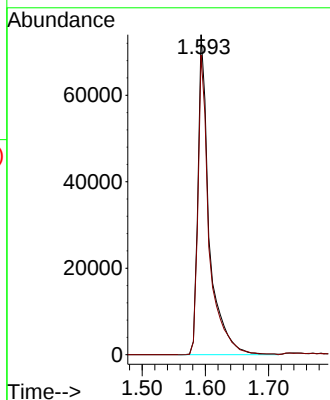
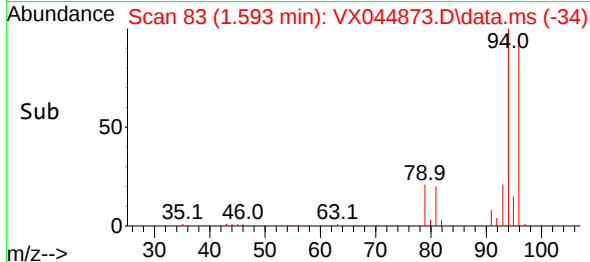
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 92399
Ion Ratio Lower Upper
94 100
96 93.6 71.6 107.4

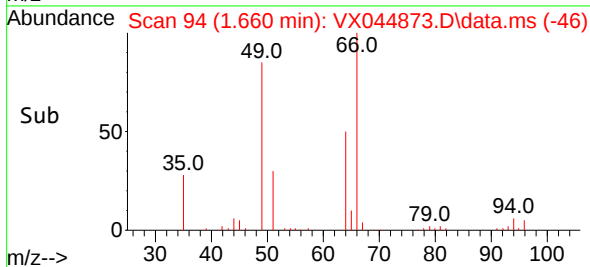
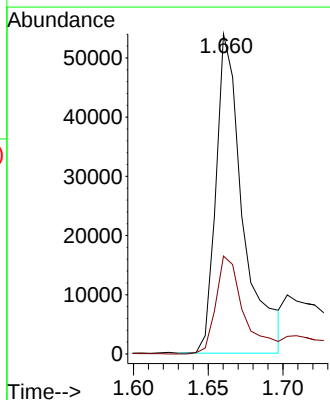
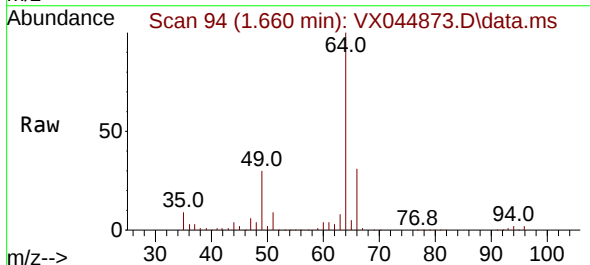
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#6
Chloroethane
Concen: 130.289 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

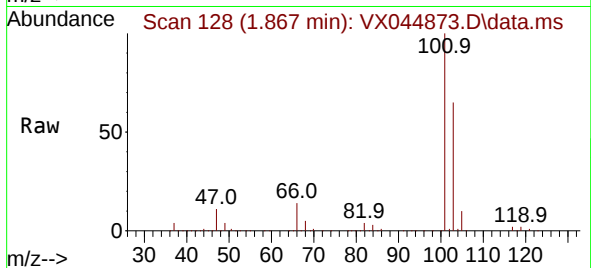
Tgt Ion: 64 Resp: 67889
Ion Ratio Lower Upper
64 100
66 30.7 25.9 38.9





#7
Trichlorofluoromethane
Concen: 144.558 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044873.D
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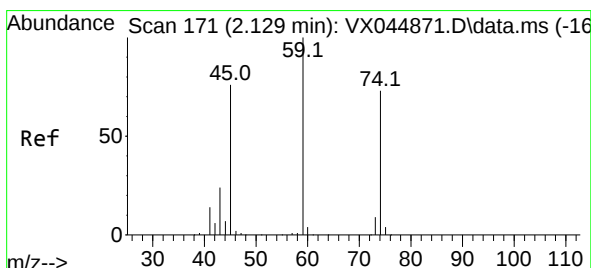
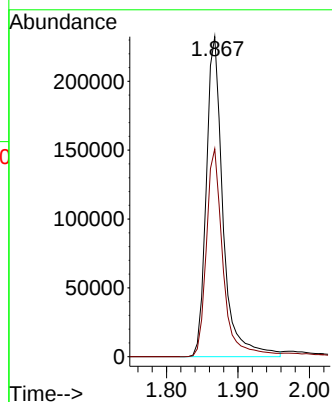
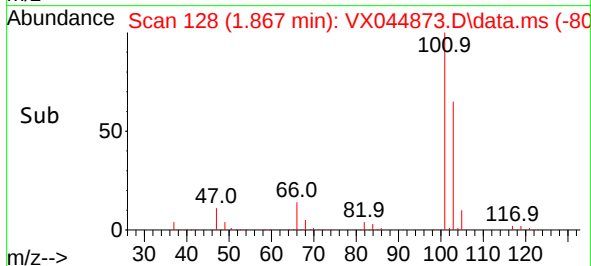
Instrument :
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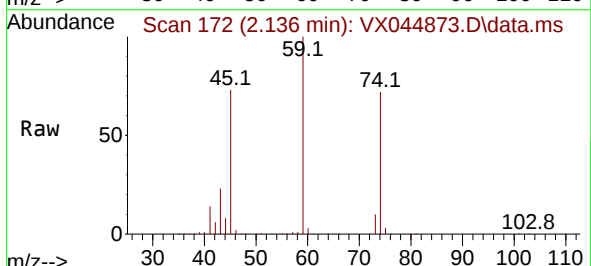
Tgt Ion:101 Resp: 378664
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6

Manual Integrations
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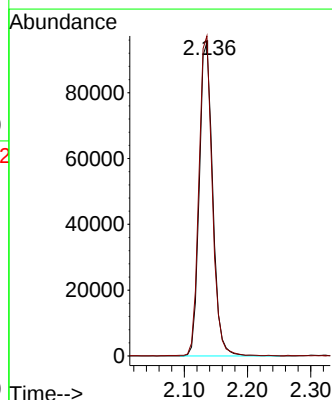
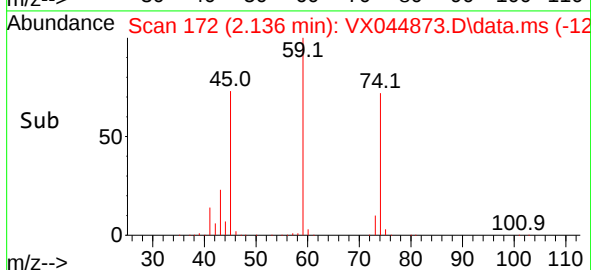
Reviewed By :John Carlone 02/11/2025
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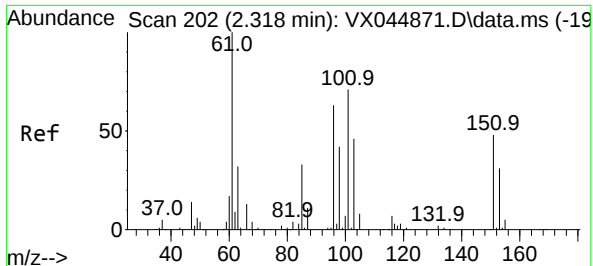


#8
Diethyl Ether
Concen: 147.822 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 74 Resp: 140428
Ion Ratio Lower Upper
74 100
45 102.1 51.1 153.4





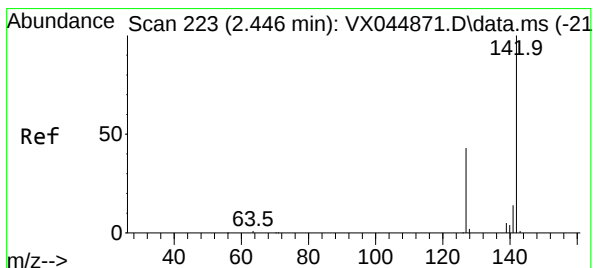
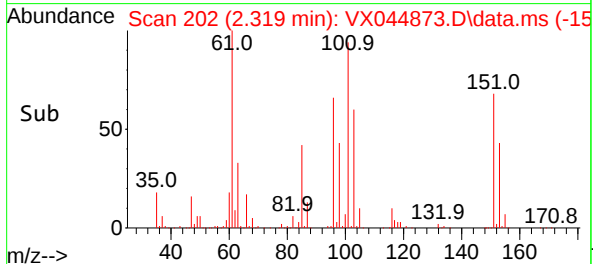
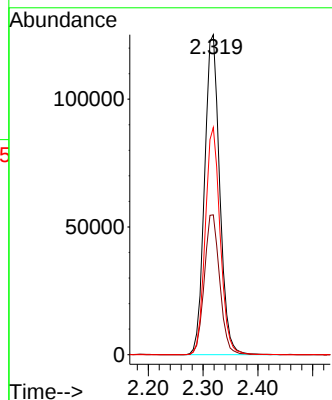
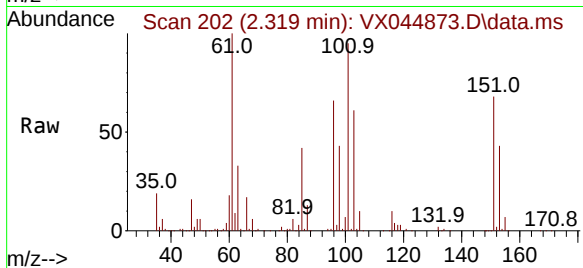
#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.147 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 239215
Ion Ratio Lower Upper
101 100
85 44.5 35.7 53.5
151 70.2 56.0 84.0

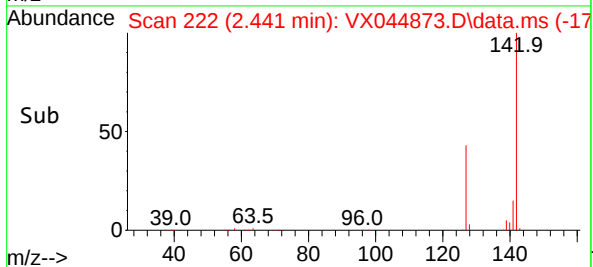
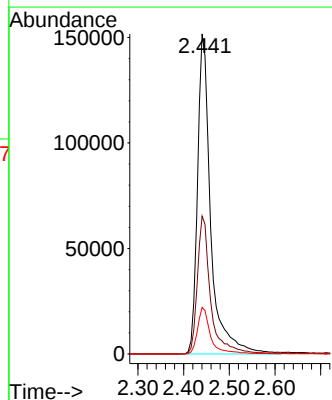
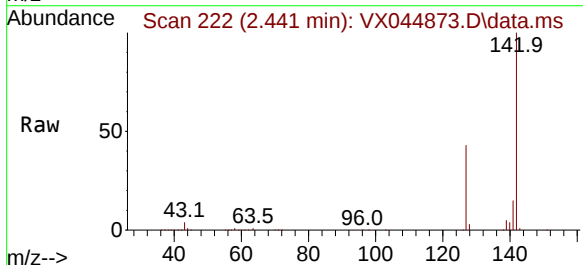
Manual Integrations
APPROVED

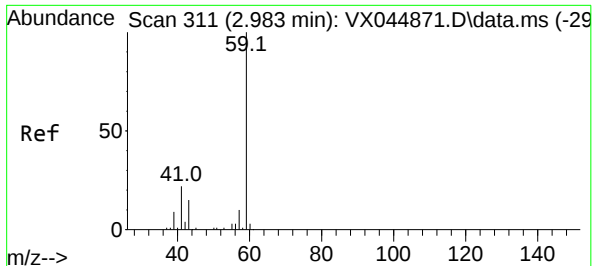
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 148.887 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion:142 Resp: 305390
Ion Ratio Lower Upper
142 100
127 43.1 34.3 51.5
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 712.734 ug/l

RT: 3.020 min Scan# 311

Delta R.T. 0.037 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 242430

Ion Ratio Lower Upper

59 100

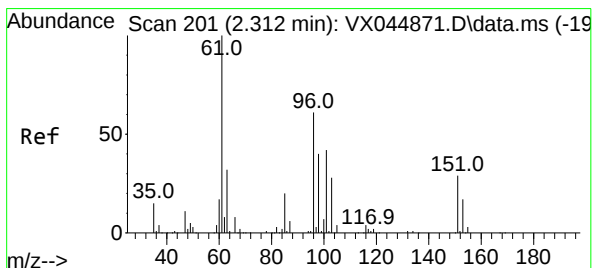
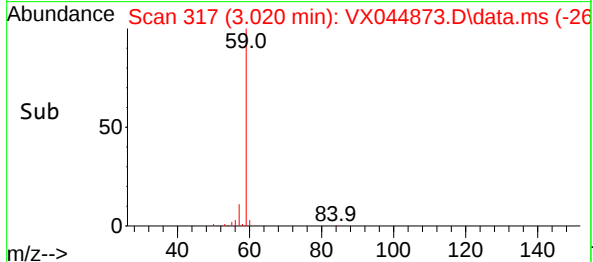
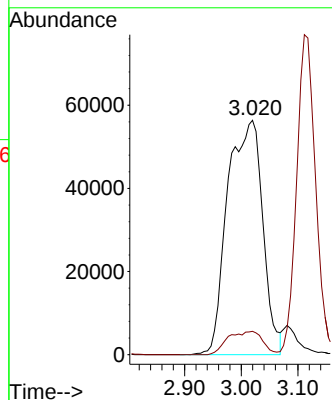
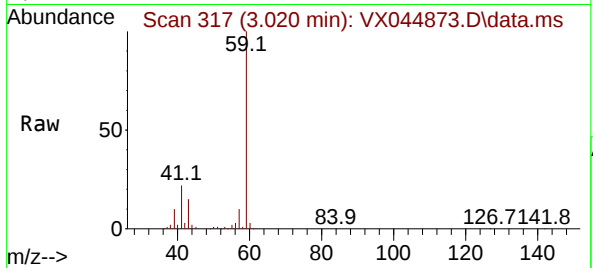
57 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#12

1,1-Dichloroethene

Concen: 152.989 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

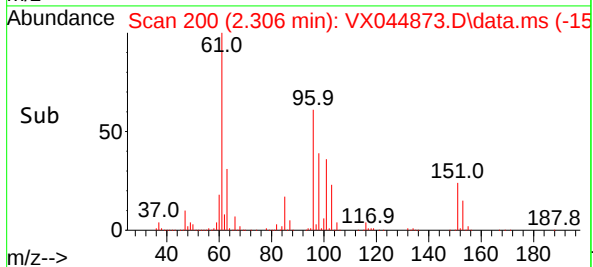
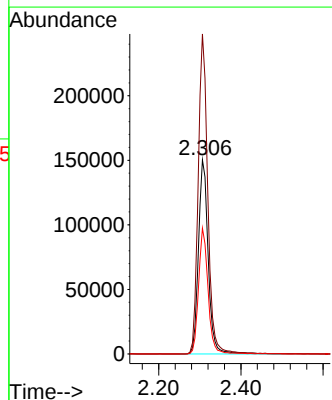
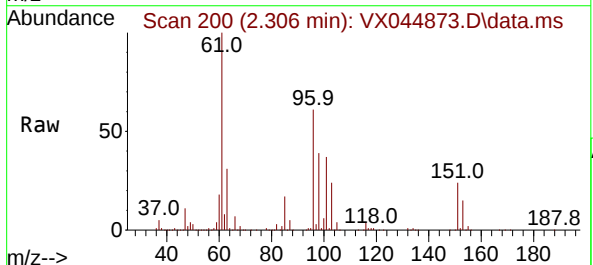
Tgt Ion: 96 Resp: 246987

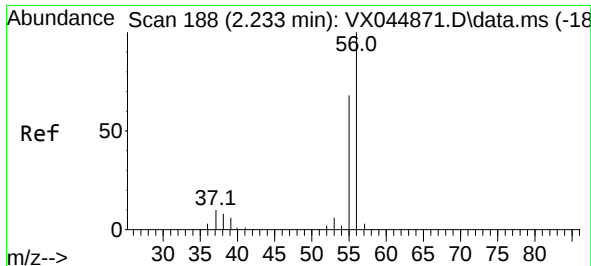
Ion Ratio Lower Upper

96 100

61 164.9 130.2 195.4

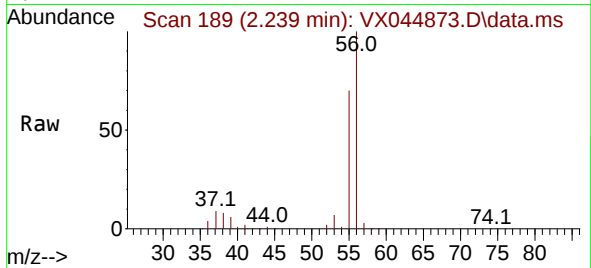
98 64.8 52.2 78.4





#13
Acrolein
Concen: 778.418 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

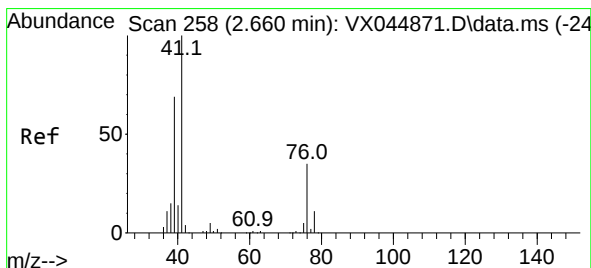
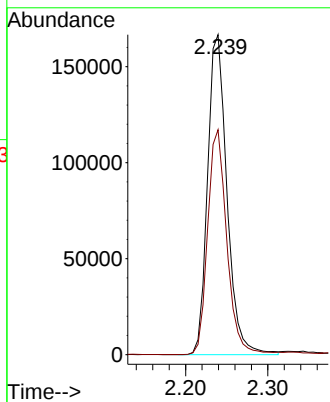
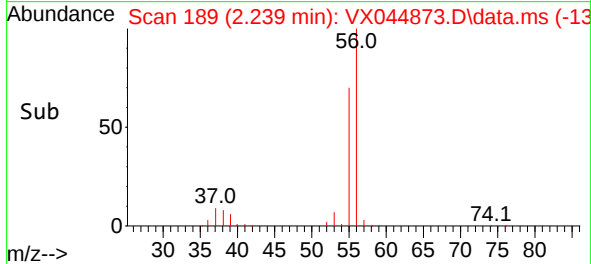
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 273178
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5

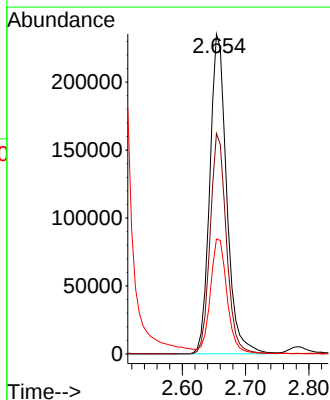
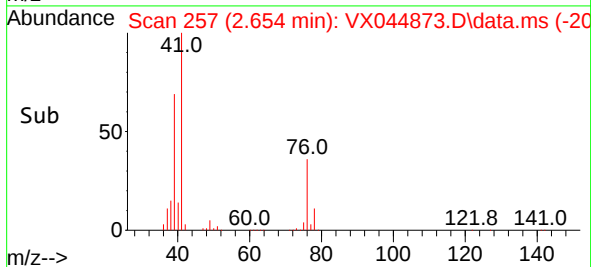
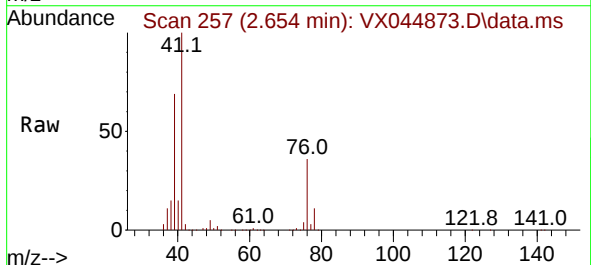
Manual Integrations
APPROVED

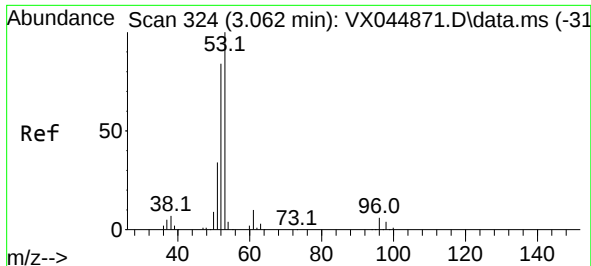
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 150.289 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion: 41 Resp: 438493
Ion Ratio Lower Upper
41 100
39 66.1 51.4 77.2
76 35.7 27.0 40.4





#15

Acrylonitrile

Concen: 753.423 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

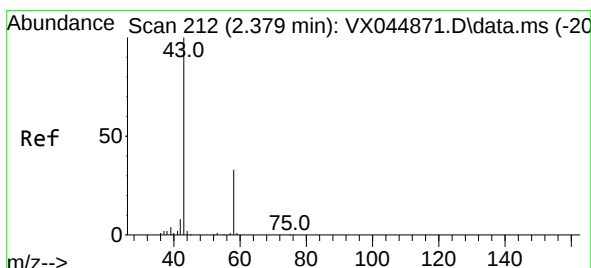
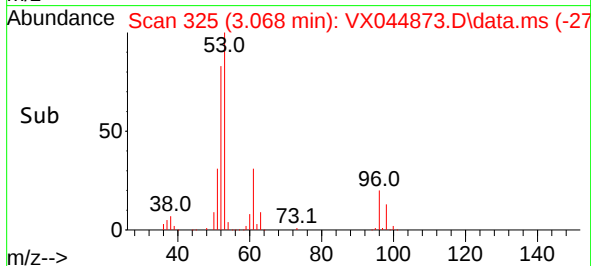
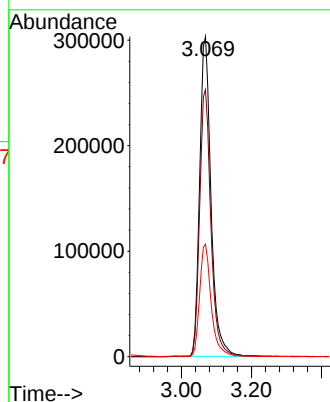
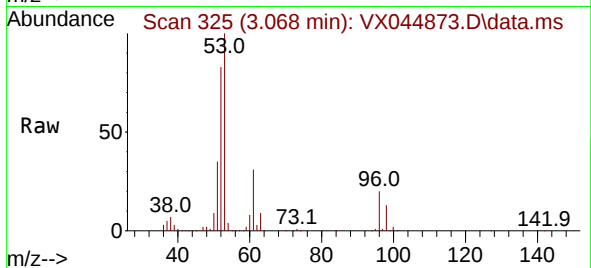
Tgt Ion: 53 Resp: 684234
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.0 97.6
 51 35.2 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#16

Acetone

Concen: 743.398 ug/l

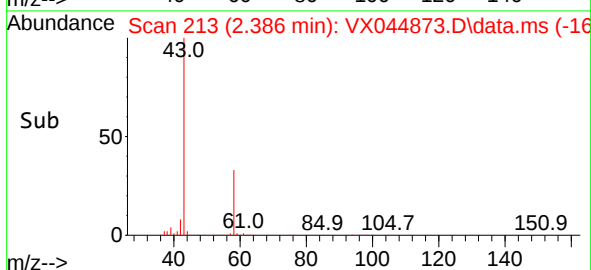
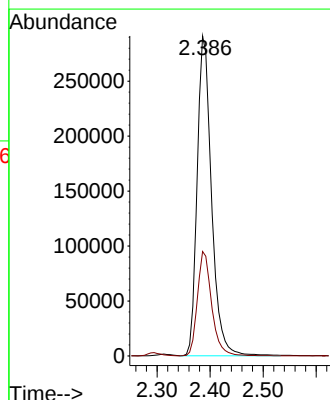
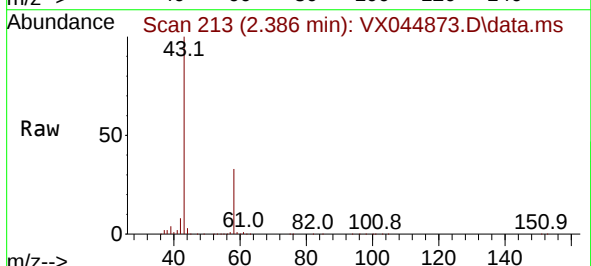
RT: 2.386 min Scan# 213

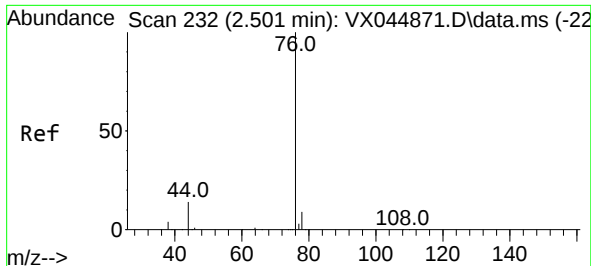
Delta R.T. 0.006 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

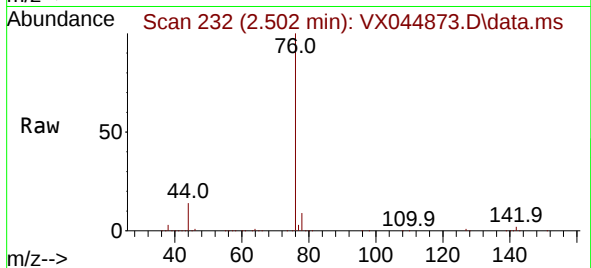
Tgt Ion: 43 Resp: 547939
 Ion Ratio Lower Upper
 43 100
 58 32.6 26.5 39.7





#17
Carbon Disulfide
Concen: 156.665 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

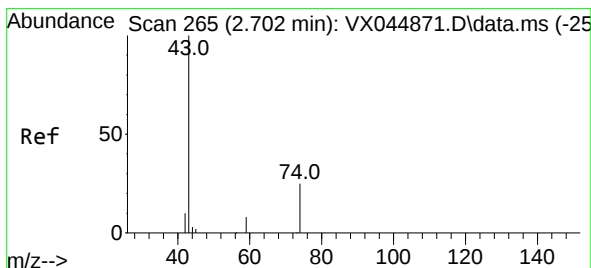
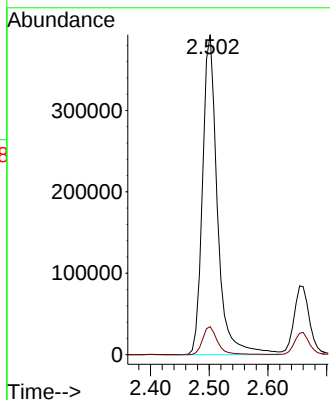
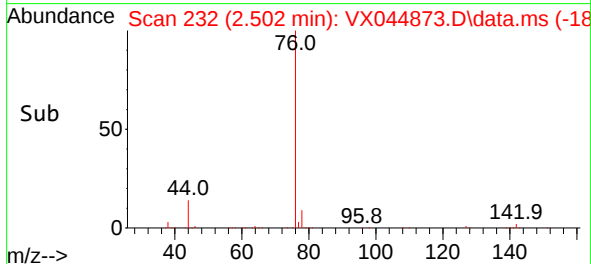
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



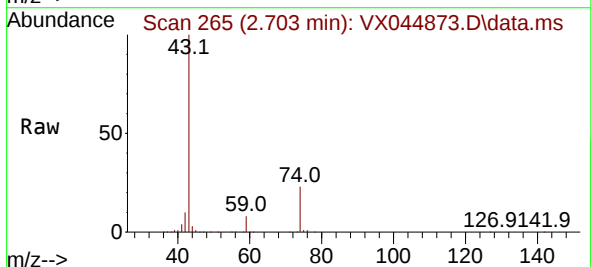
Tgt Ion: 76 Resp: 693558
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

Manual Integrations
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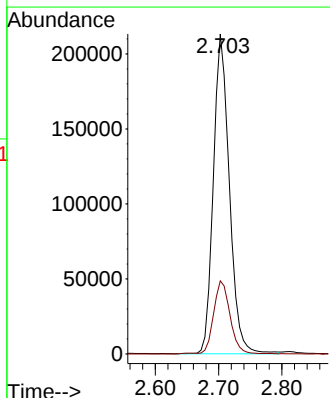
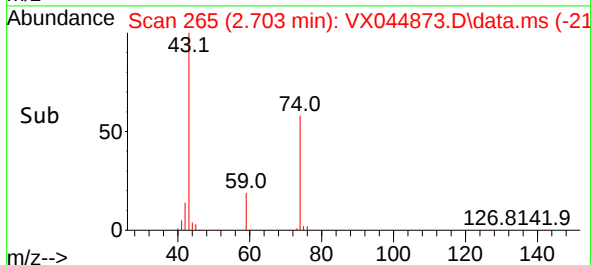
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

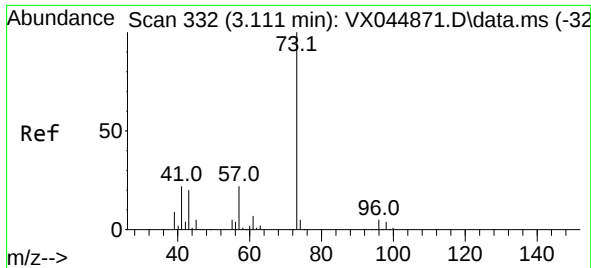


#18
Methyl Acetate
Concen: 160.743 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 43 Resp: 373877
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3





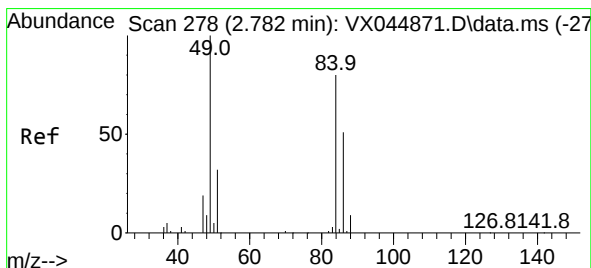
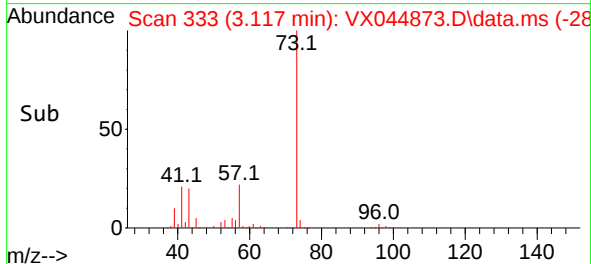
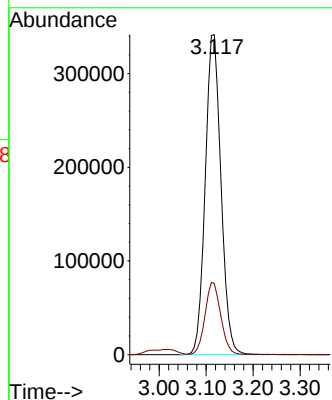
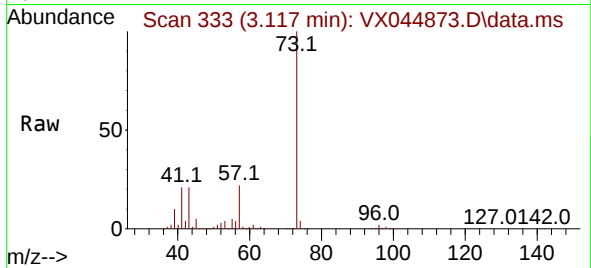
#19
Methyl tert-butyl Ether
Concen: 154.347 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 792810
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

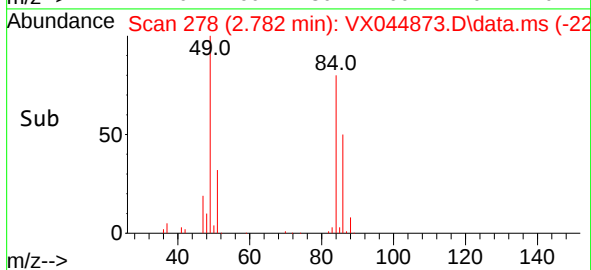
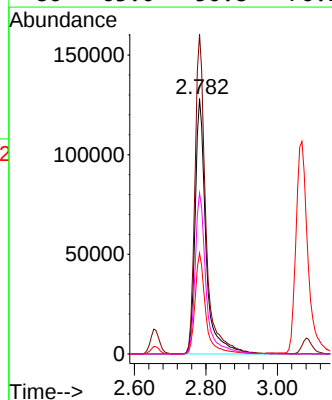
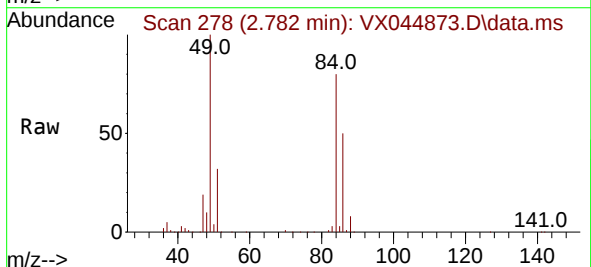
Manual Integrations
APPROVED

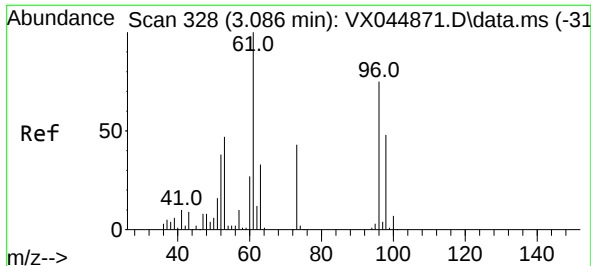
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 149.871 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

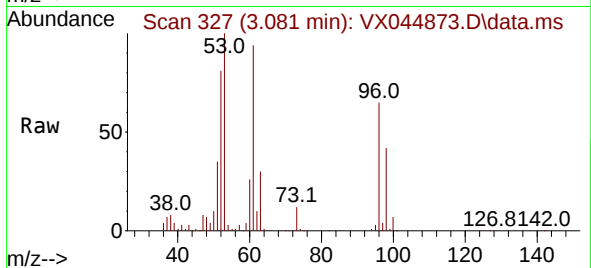
Tgt Ion: 84 Resp: 270575
Ion Ratio Lower Upper
84 100
49 125.2 100.1 150.1
51 39.5 31.7 47.5
86 63.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 152.356 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

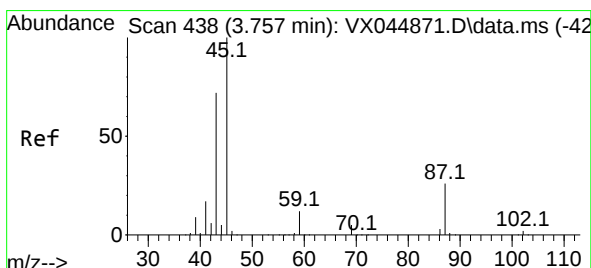
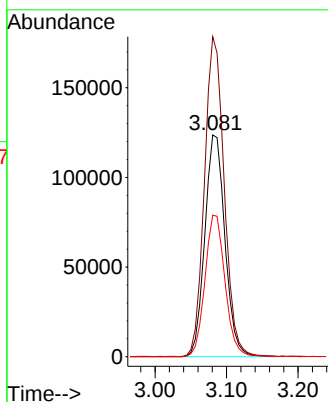
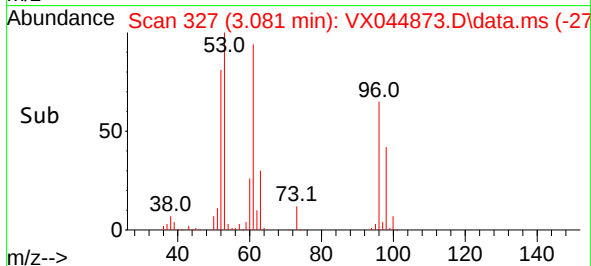
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 24208
Ion Ratio Lower Upper
96 100
61 144.2 106.0 159.0
98 63.9 50.6 76.0

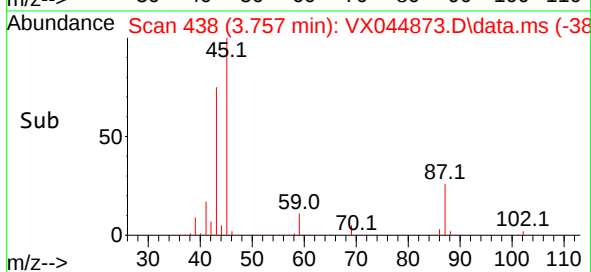
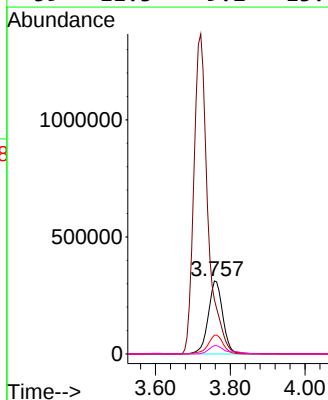
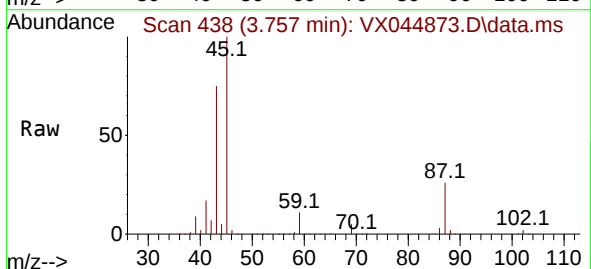
Manual Integrations
APPROVED

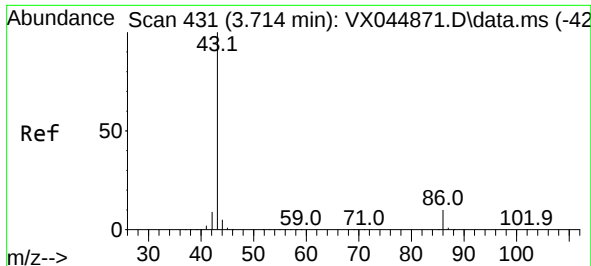
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 152.020 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

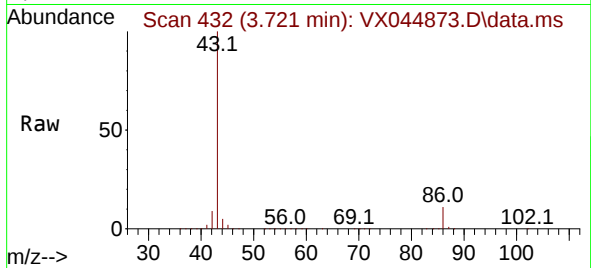
Tgt Ion: 45 Resp: 839126
Ion Ratio Lower Upper
45 100
43 74.6 58.0 87.0
87 25.8 20.7 31.1
59 11.3 9.2 13.8





#23
 Vinyl Acetate
 Concen: 789.993 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX044873.D
 Acq: 10 Feb 2025 12:28

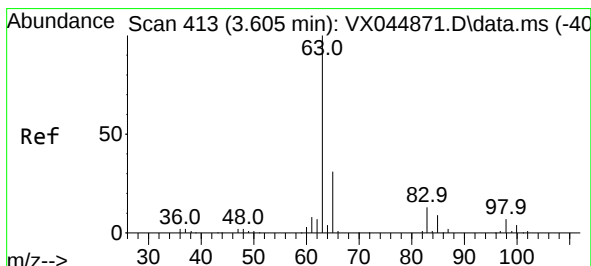
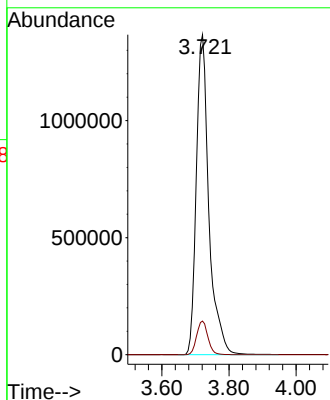
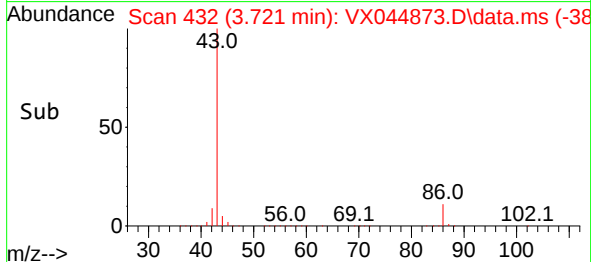
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



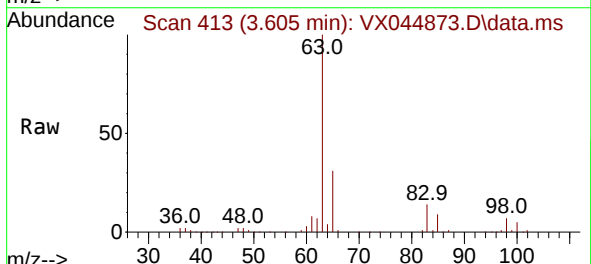
Tgt Ion: 43 Resp: 355503
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5

Manual Integrations
 APPROVED

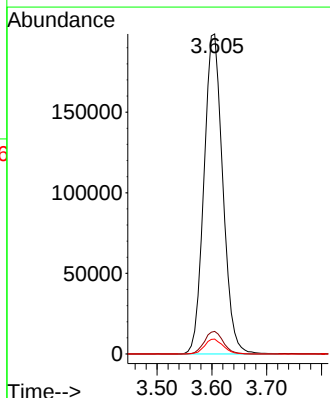
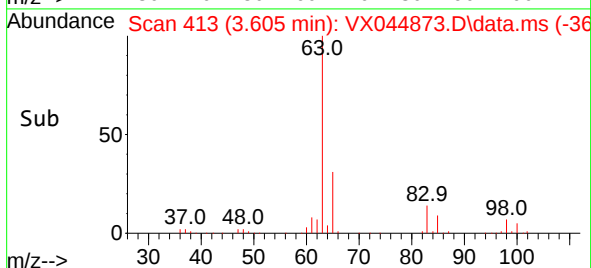
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

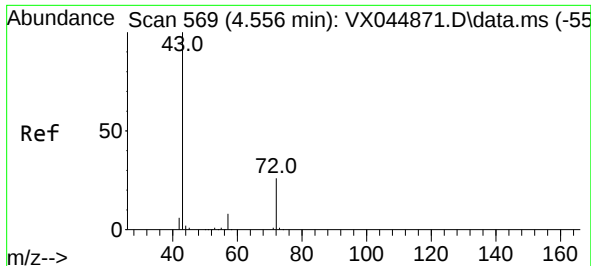


#24
 1,1-Dichloroethane
 Concen: 152.959 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044873.D
 Acq: 10 Feb 2025 12:28



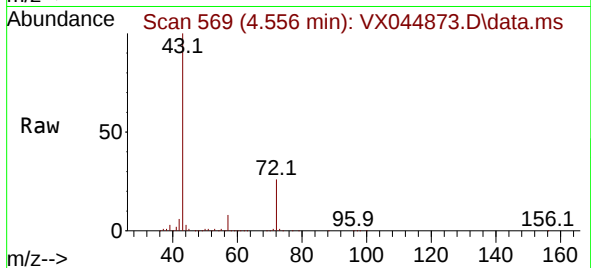
Tgt Ion: 63 Resp: 472424
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 764.276 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

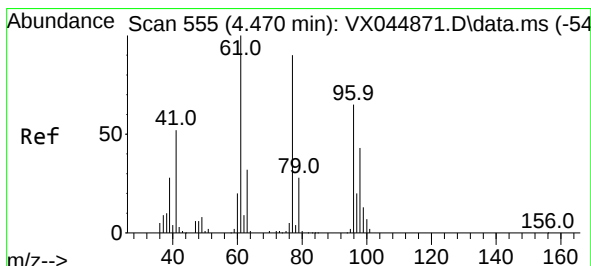
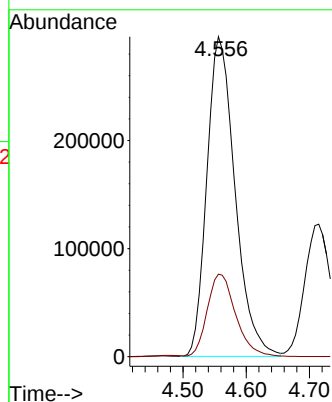
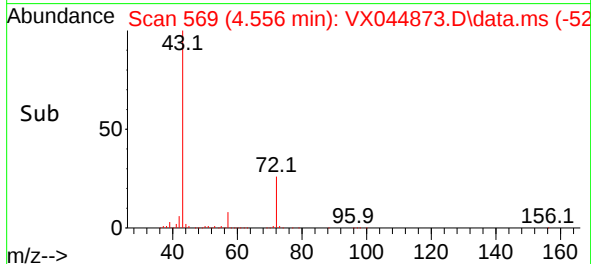
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150



Tgt Ion: 43 Resp: 91474
Ion Ratio Lower Upper
43 100
72 25.6 21.2 31.8

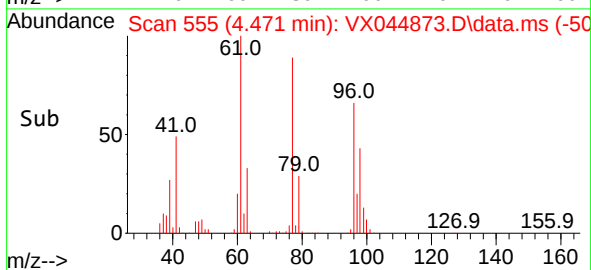
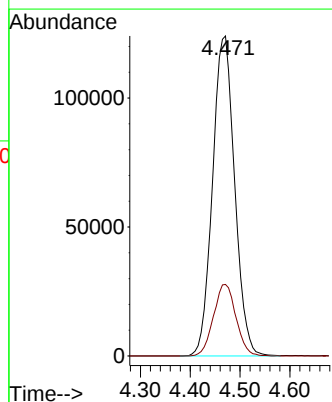
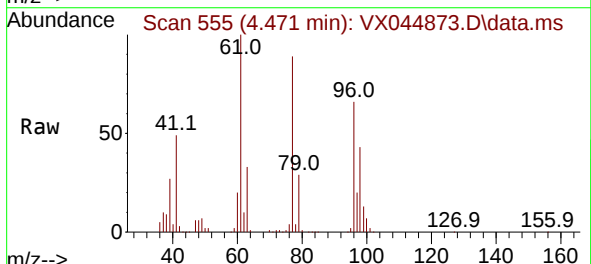
Manual Integrations
APPROVED

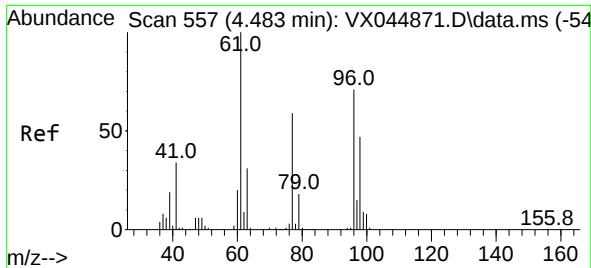
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 156.029 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

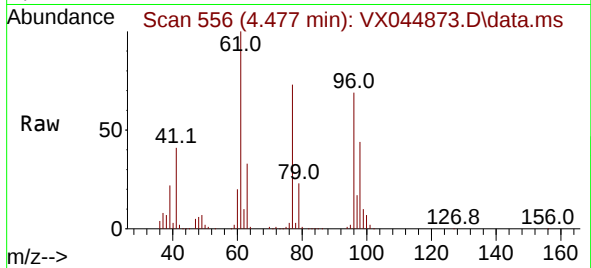
Tgt Ion: 77 Resp: 382167
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.3





#27
cis-1,2-Dichloroethene
Concen: 153.446 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

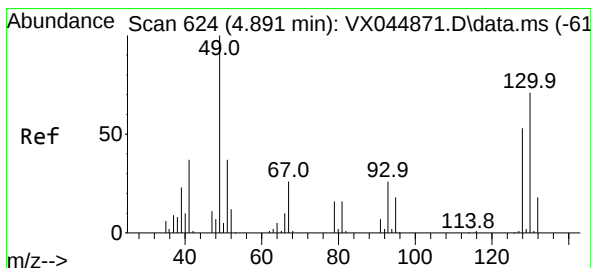
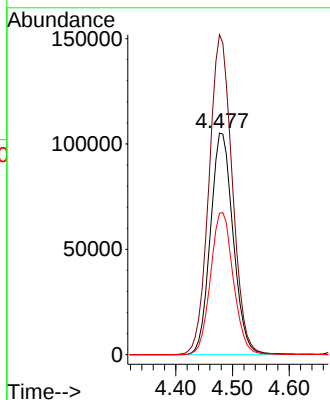
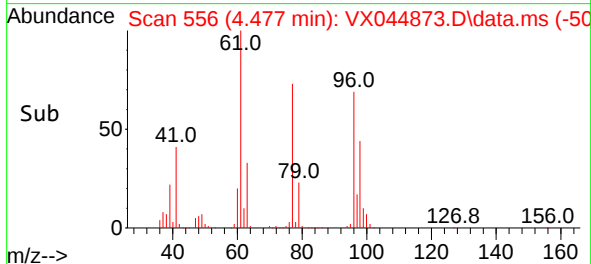
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 292864
Ion Ratio Lower Upper
96 100
61 148.1 0.0 294.0
98 64.6 0.0 131.2

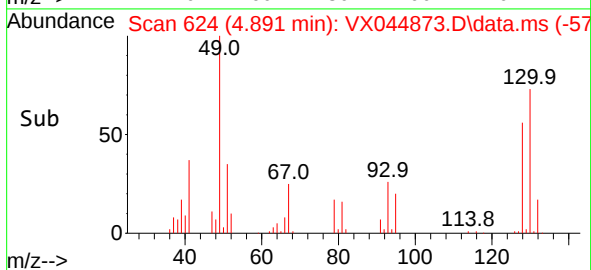
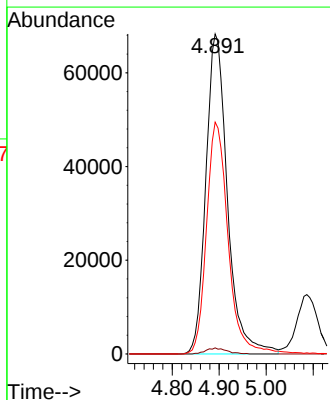
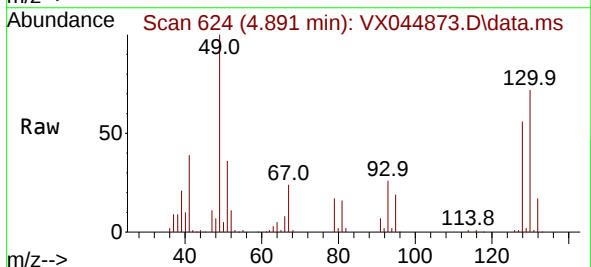
Manual Integrations
APPROVED

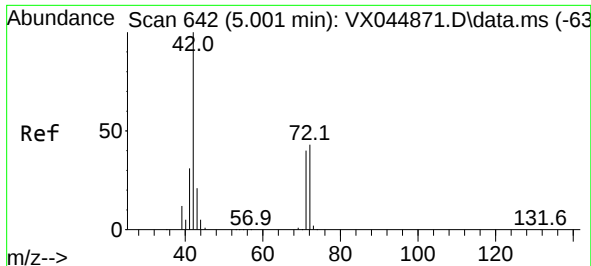
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#28
Bromochloromethane
Concen: 146.458 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion: 49 Resp: 217387
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 72.6 56.7 85.1





#29

Tetrahydrofuran

Concen: 749.977 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

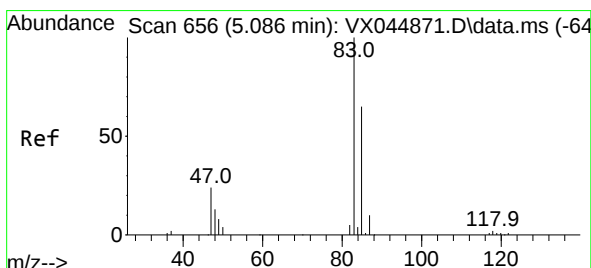
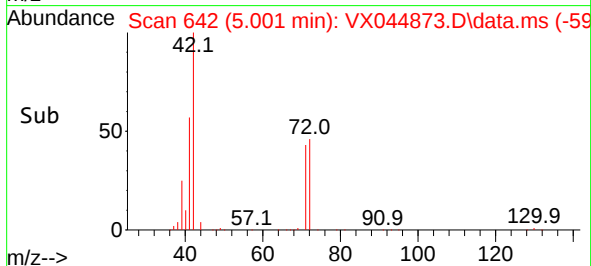
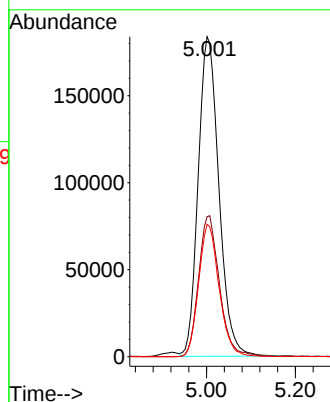
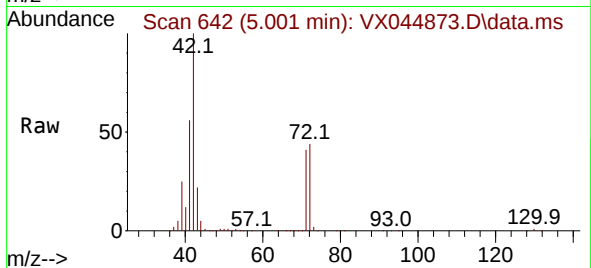
Tgt Ion: 42 Resp: 596049
 Ion Ratio Lower Upper
 42 100
 72 44.5 35.0 52.4
 71 41.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 151.509 ug/l

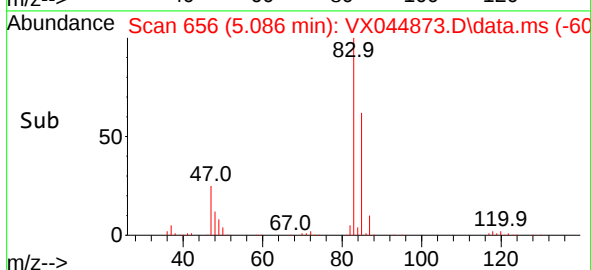
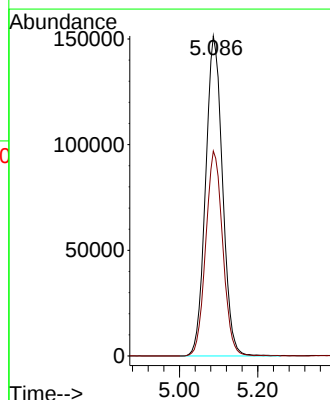
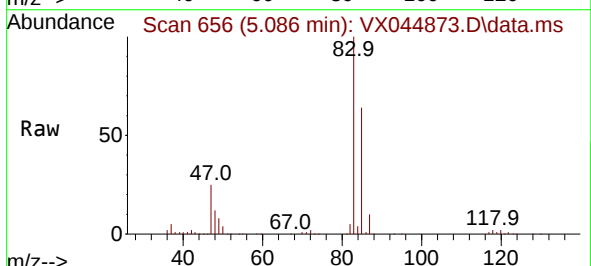
RT: 5.086 min Scan# 656

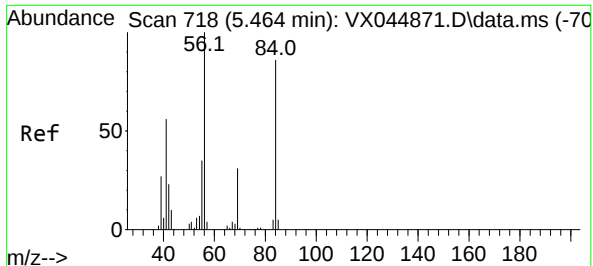
Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

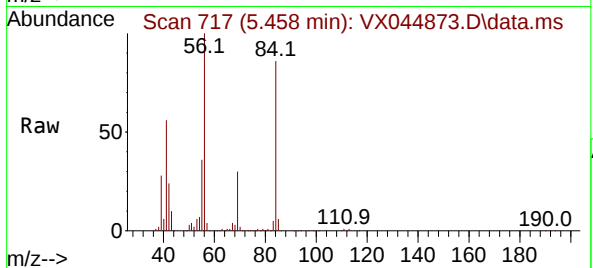
Tgt Ion: 83 Resp: 453809
 Ion Ratio Lower Upper
 83 100
 85 64.1 52.1 78.1





#31
Cyclohexane
Concen: 148.722 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

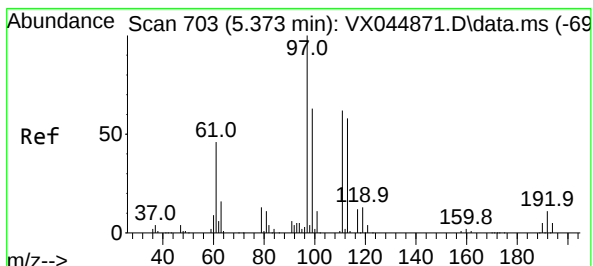
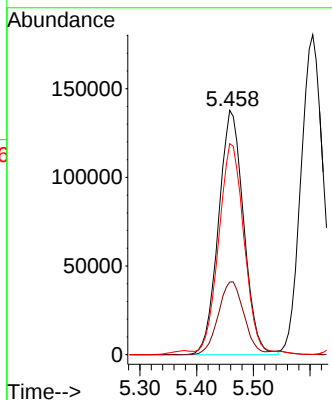
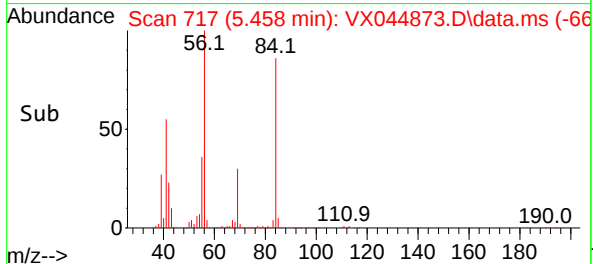
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 423464
Ion Ratio Lower Upper
56 100
69 29.7 24.4 36.6
84 85.0 69.0 103.6

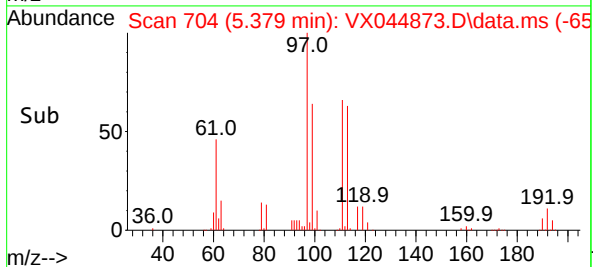
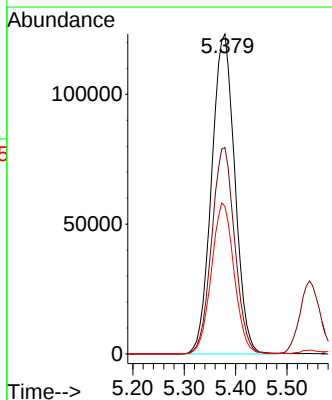
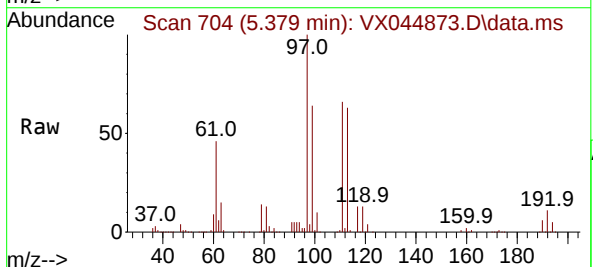
Manual Integrations
APPROVED

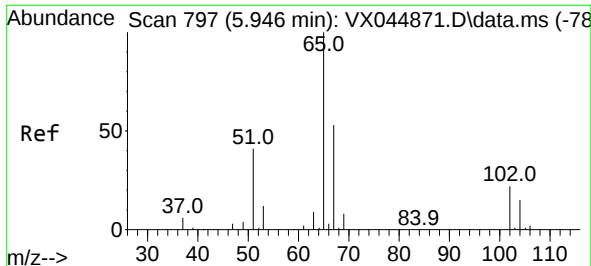
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#32
1,1,1-Trichloroethane
Concen: 151.996 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion: 97 Resp: 386162
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 46.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 153.180 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 28085

Ion Ratio Lower Upper

65 100

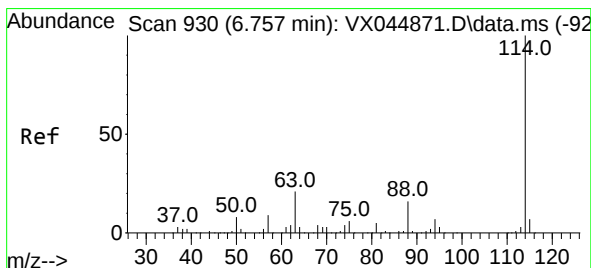
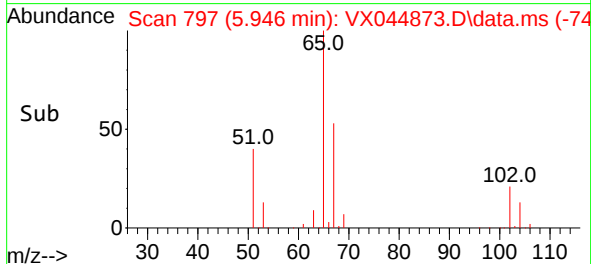
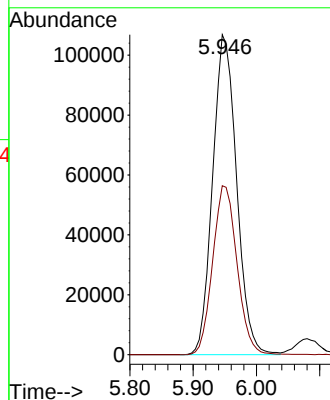
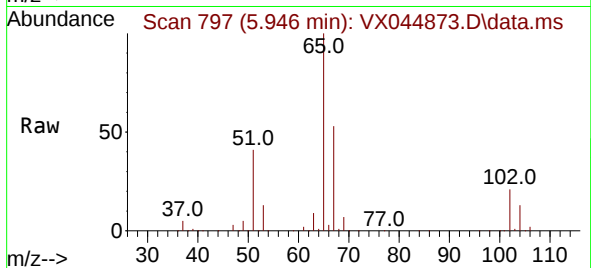
67 53.7 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

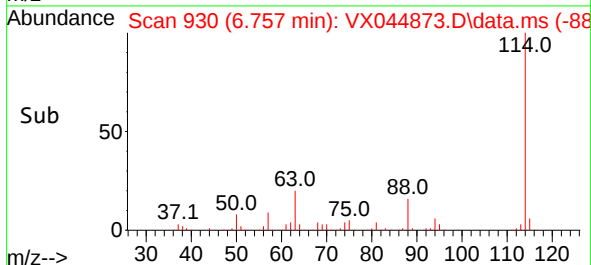
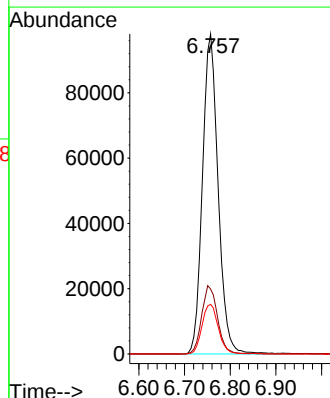
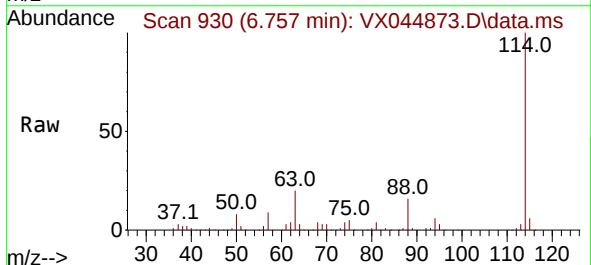
Tgt Ion:114 Resp: 232597

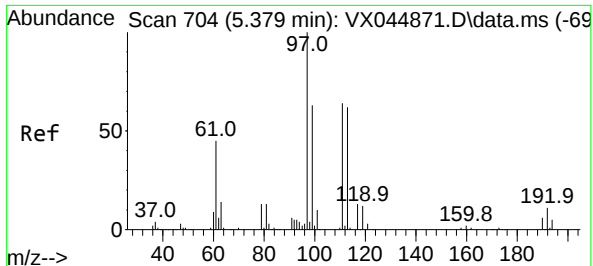
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

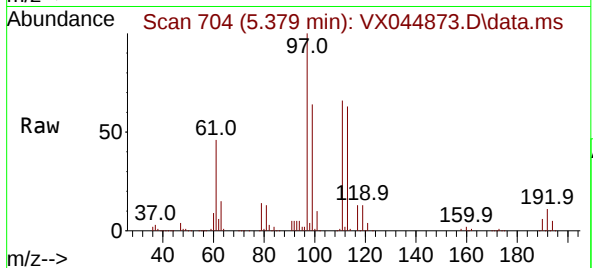
88 15.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 151.572 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

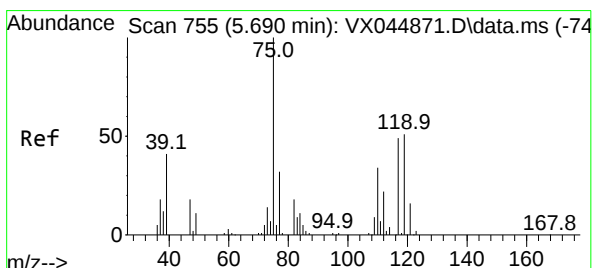
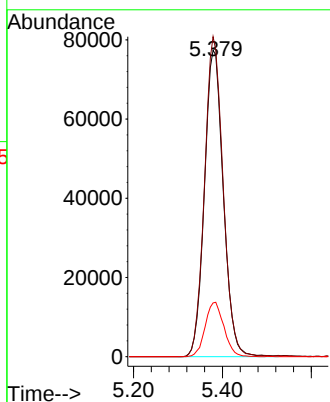
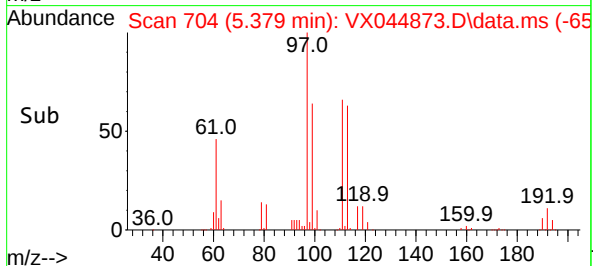
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 229218
Ion Ratio Lower Upper
113 100
111 102.5 83.5 125.3
192 17.6 14.4 21.6

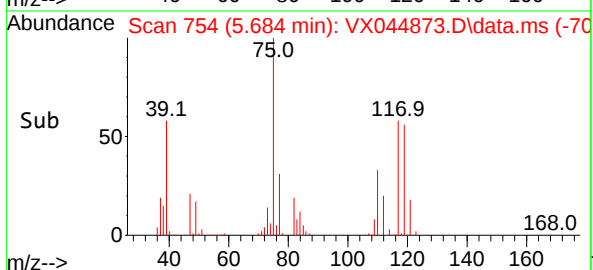
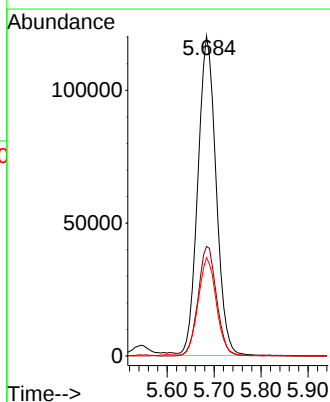
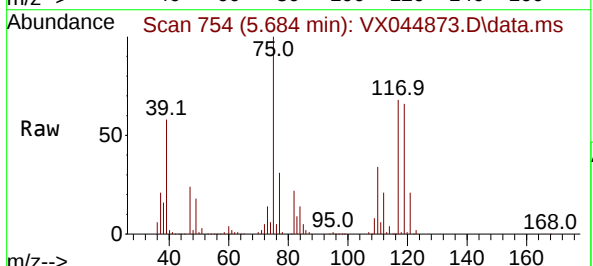
Manual Integrations
APPROVED

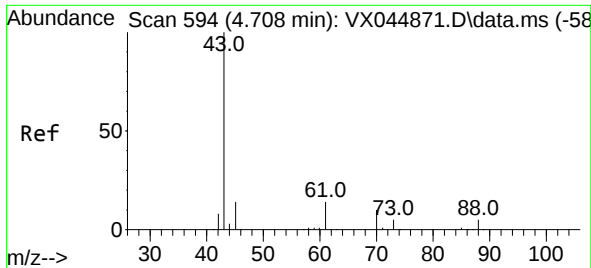
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 148.585 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion: 75 Resp: 324182
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.6
77 30.9 24.6 37.0





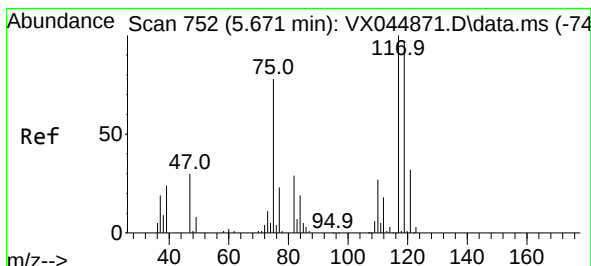
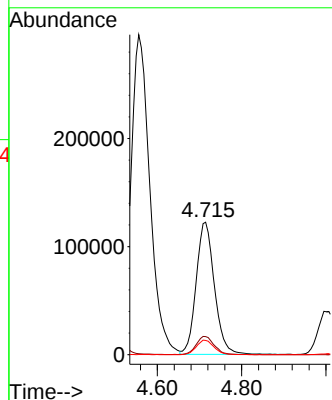
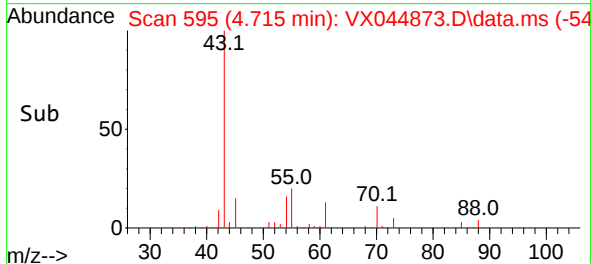
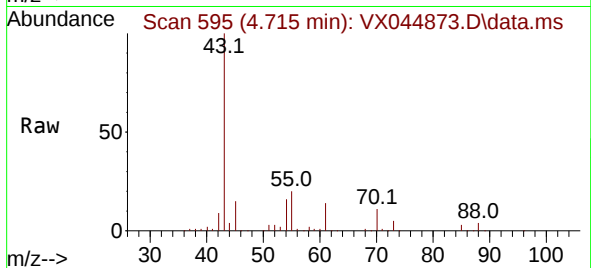
#37
Ethyl Acetate
Concen: 151.956 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 36876
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.6 8.2 12.2

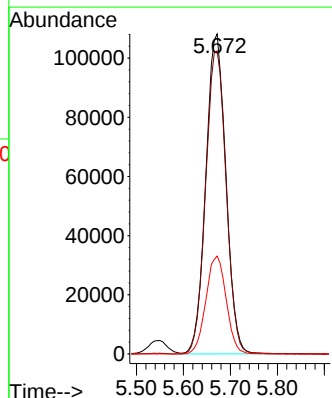
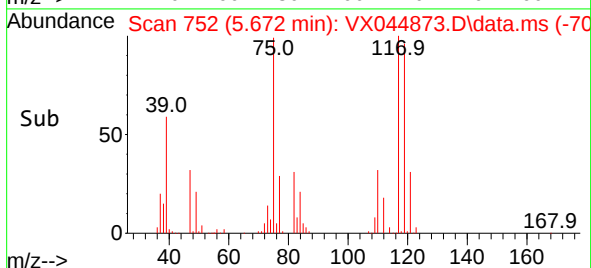
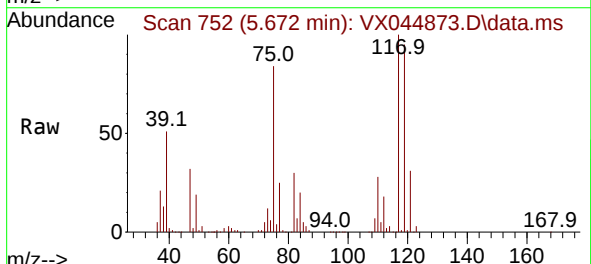
Manual Integrations
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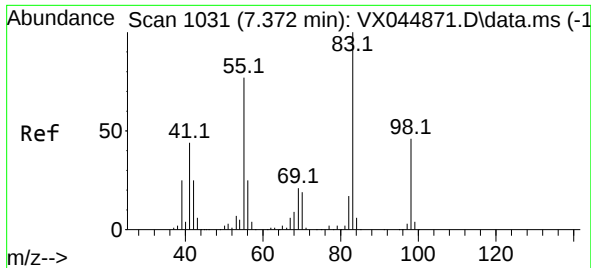
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 149.921 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

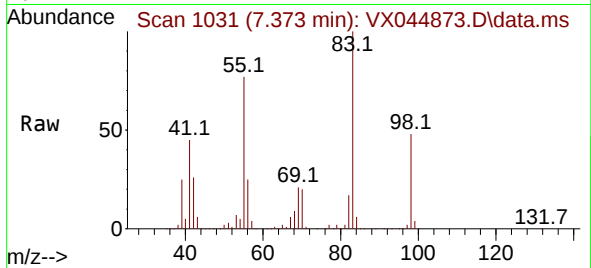
Tgt Ion:117 Resp: 320536
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3
121 30.6 25.6 38.4





#39
Methylcyclohexane
Concen: 157.130 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

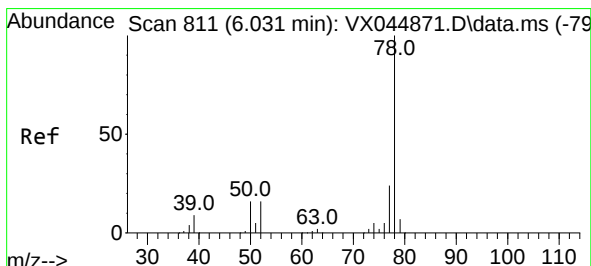
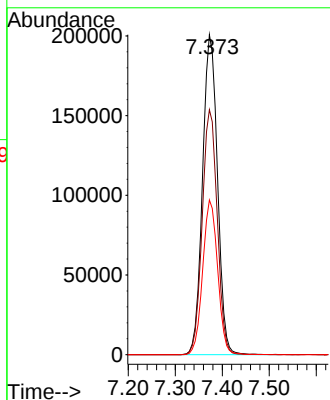
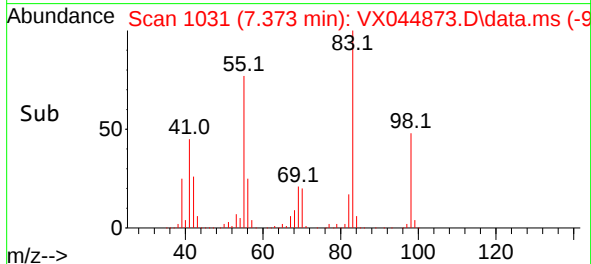
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 443218
Ion Ratio Lower Upper
83 100
55 76.5 61.3 91.9
98 48.4 37.0 55.6

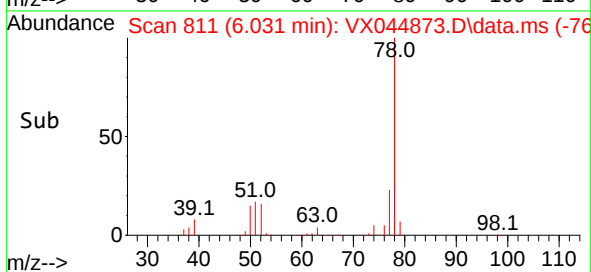
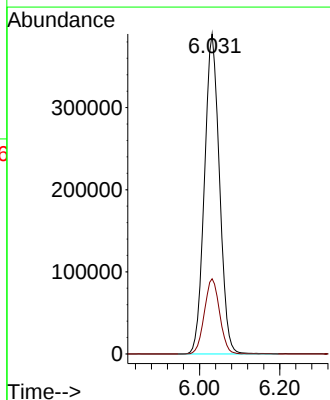
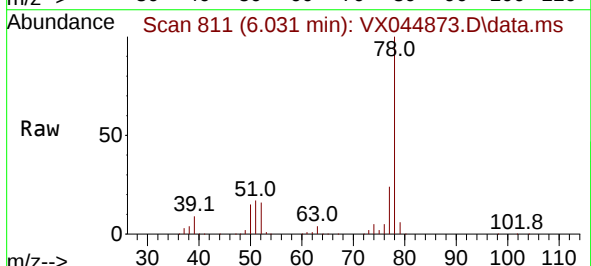
Manual Integrations
APPROVED

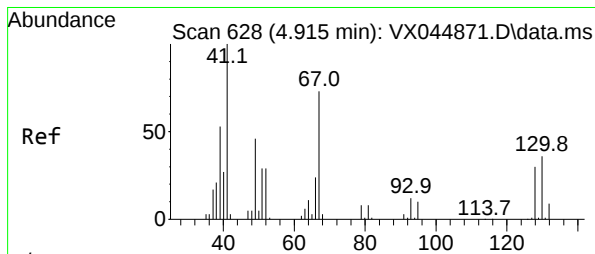
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#40
Benzene
Concen: 148.856 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

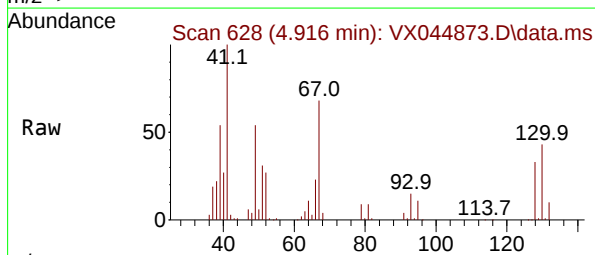
Tgt Ion: 78 Resp: 1014129
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 158.707 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

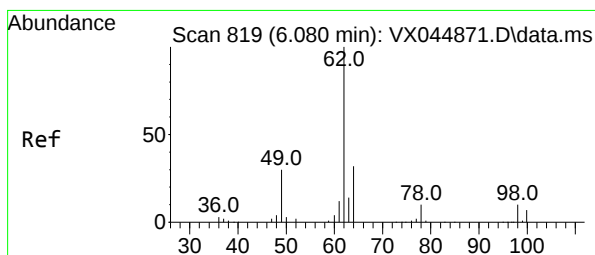
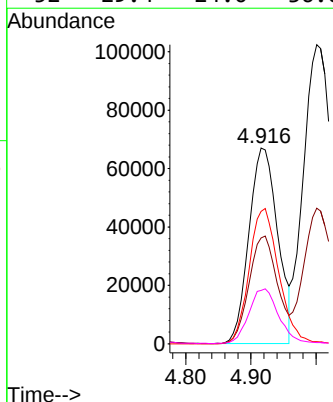
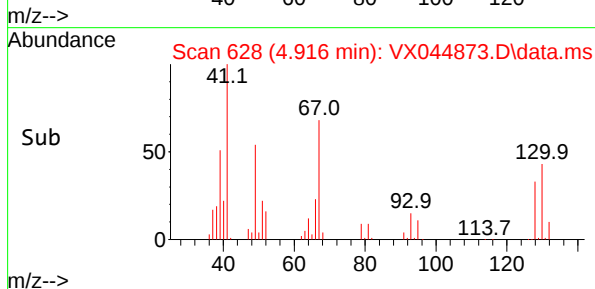
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150



Tgt Ion: 41 Resp: 20615
Ion Ratio Lower Upper
41 100
39 54.2 43.1 64.7
67 71.4 57.0 85.6
52 29.4 24.0 36.0

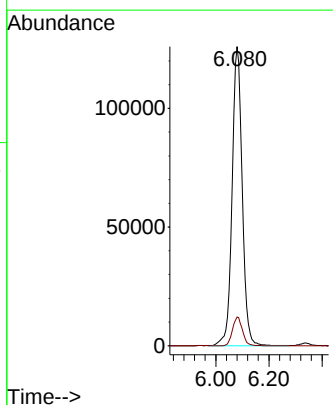
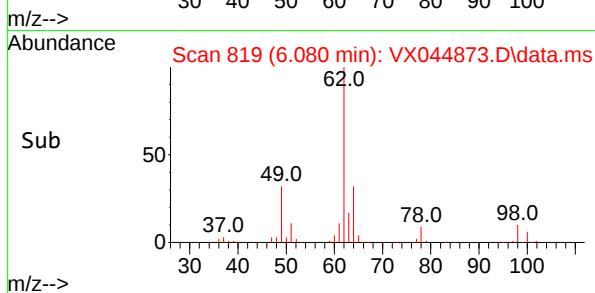
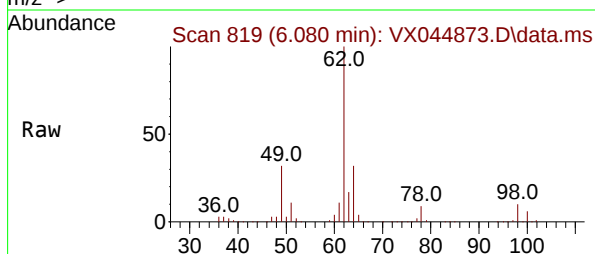
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 154.984 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

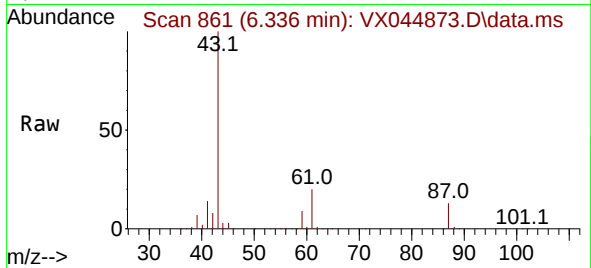
Tgt Ion: 62 Resp: 336520
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 157.575 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

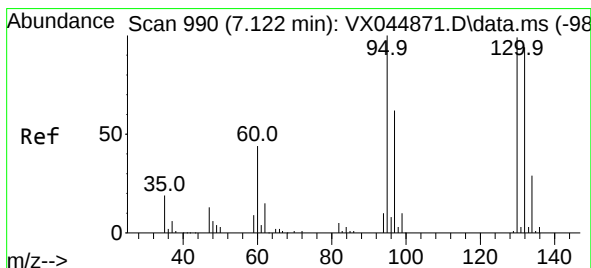
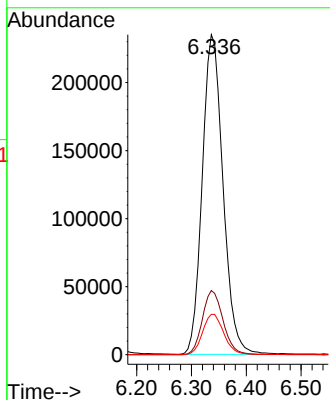
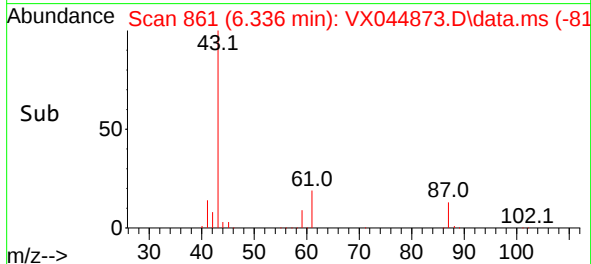
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



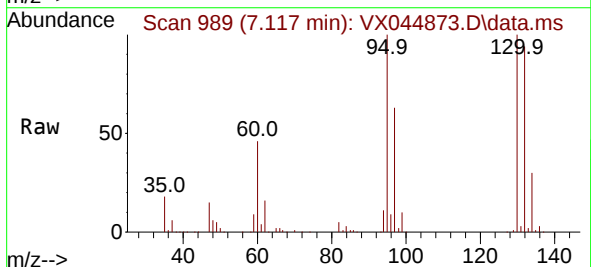
Tgt Ion: 43 Resp: 617510
Ion Ratio Lower Upper
43 100
61 20.1 15.8 23.8
87 12.9 10.0 15.0

Manual Integrations
APPROVED

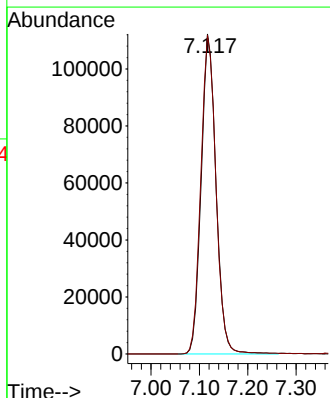
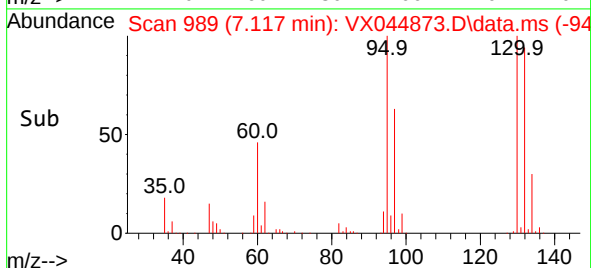
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

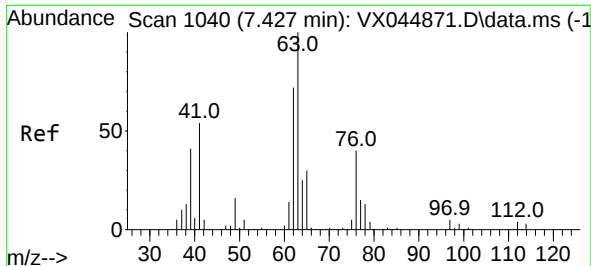


#44
Trichloroethene
Concen: 153.496 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion:130 Resp: 239030
Ion Ratio Lower Upper
130 100
95 99.7 0.0 202.4





#45

1,2-Dichloropropane

Concen: 153.076 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 259454

Ion Ratio Lower Upper

63 100

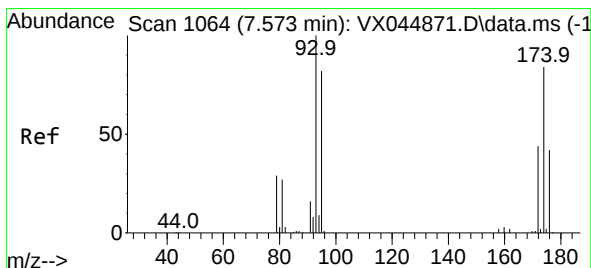
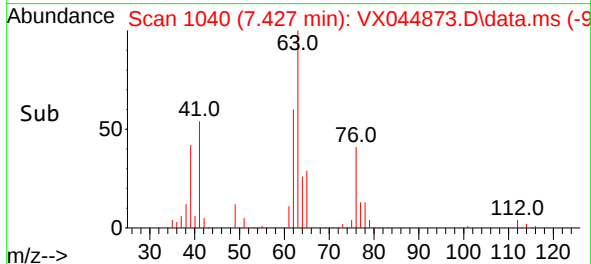
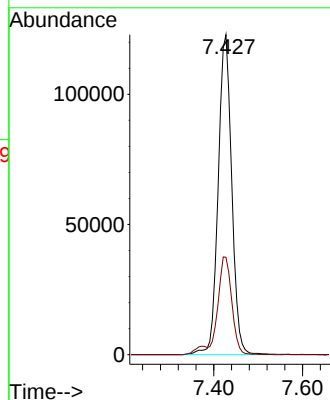
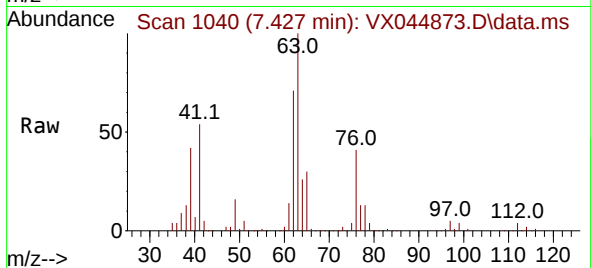
65 30.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 152.870 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

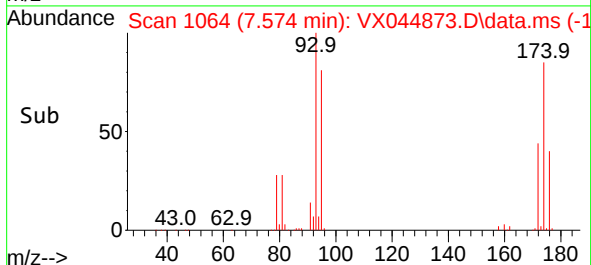
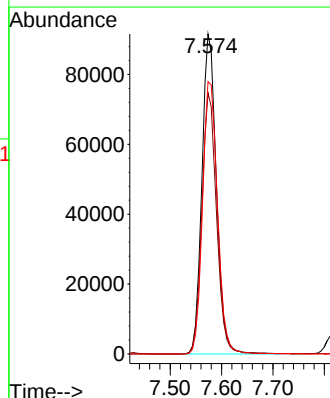
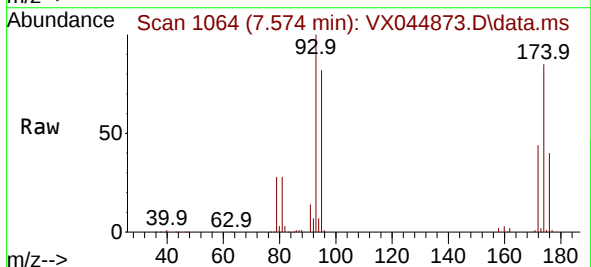
Tgt Ion: 93 Resp: 179689

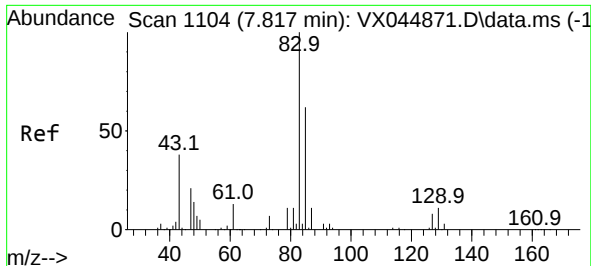
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

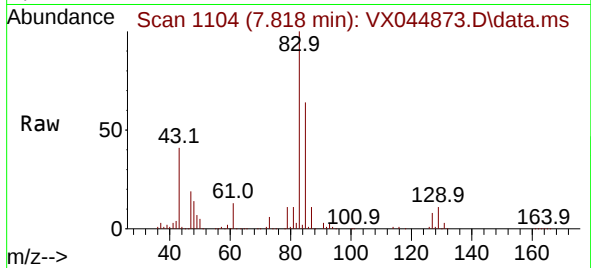
174 87.9 69.9 104.9





#47
Bromodichloromethane
Concen: 157.128 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

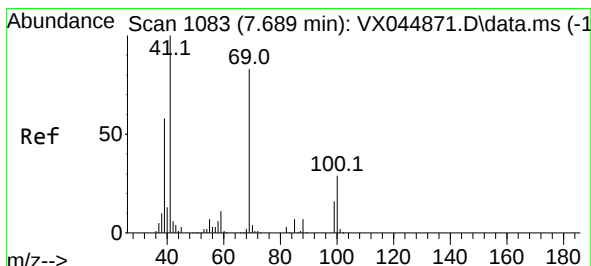
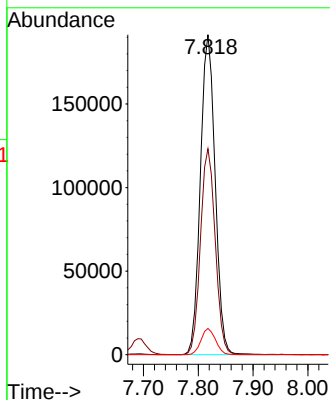
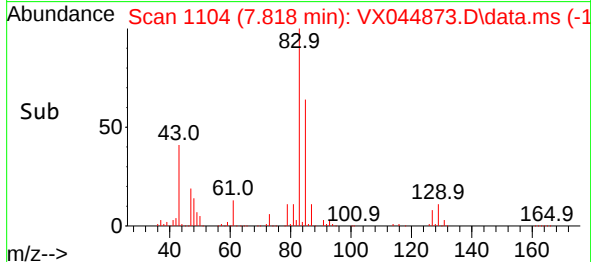
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 357623
Ion Ratio Lower Upper
83 100
85 64.3 50.0 75.0
127 8.2 6.4 9.6

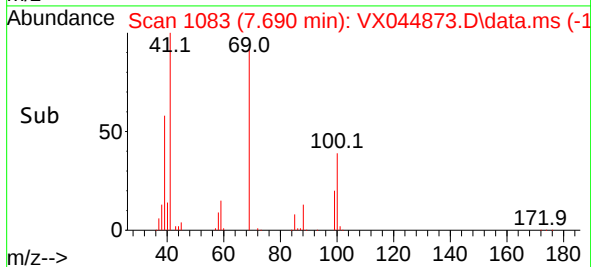
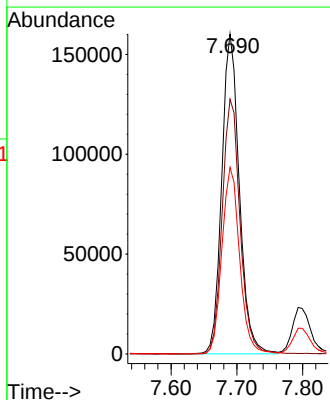
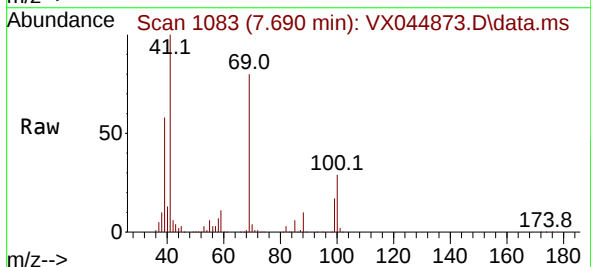
Manual Integrations
APPROVED

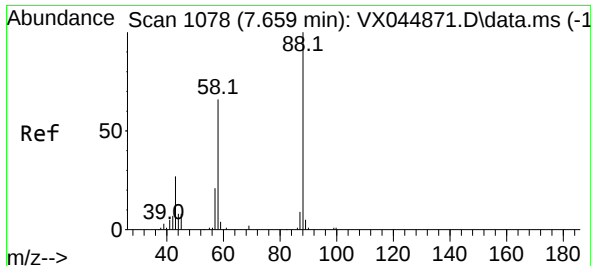
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 161.236 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

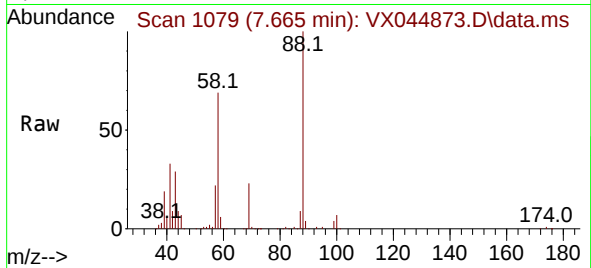
Tgt Ion: 41 Resp: 297931
Ion Ratio Lower Upper
41 100
69 81.4 65.8 98.8
39 58.7 46.4 69.6





#49
1,4-Dioxane
Concen: 2678.192 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

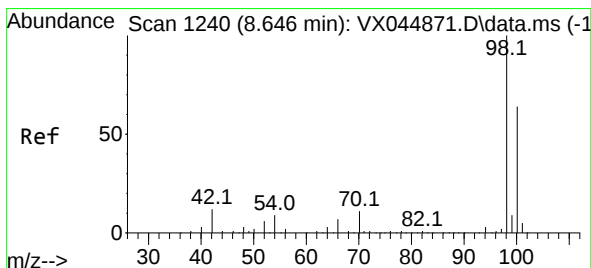
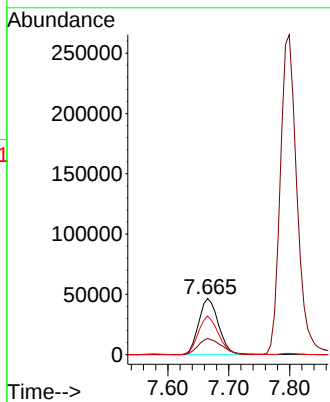
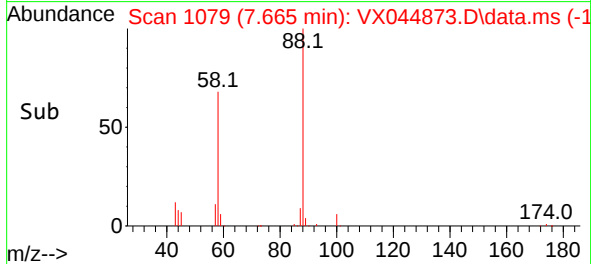
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 106179
Ion Ratio Lower Upper
88 100
43 33.0 26.6 39.8
58 69.4 55.9 83.9

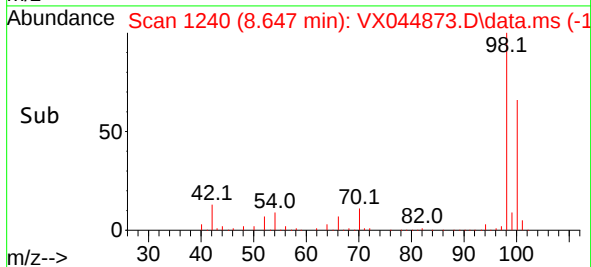
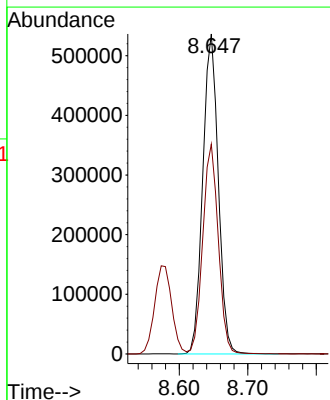
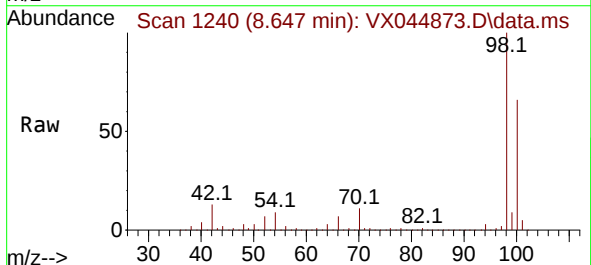
Manual Integrations
APPROVED

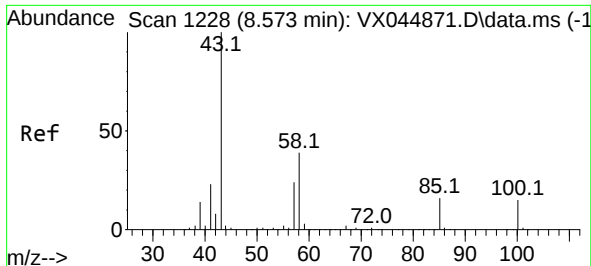
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#50
Toluene-d8
Concen: 147.877 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion: 98 Resp: 845632
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 728.887 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1736538

Ion Ratio Lower Upper

43 100

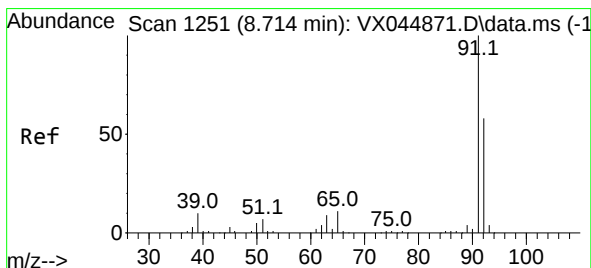
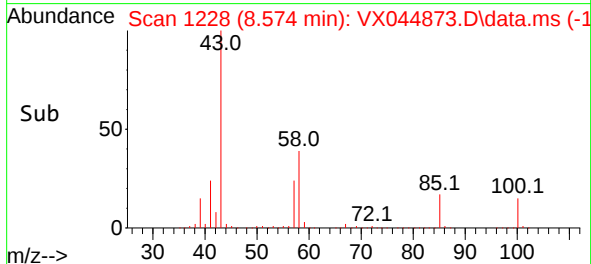
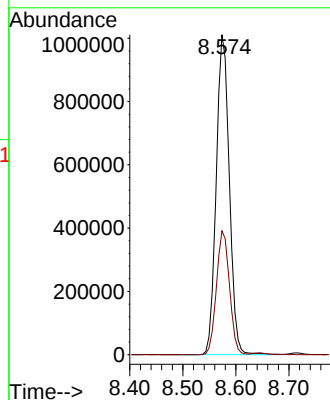
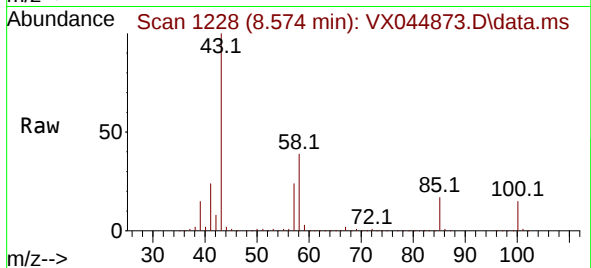
58 38.6 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#52

Toluene

Concen: 148.645 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044873.D

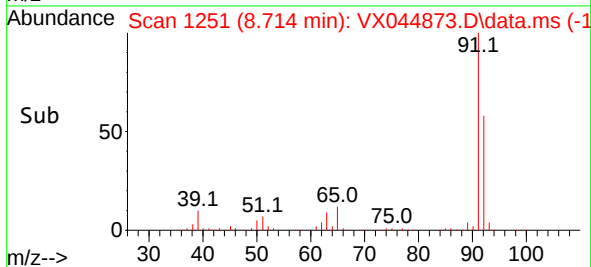
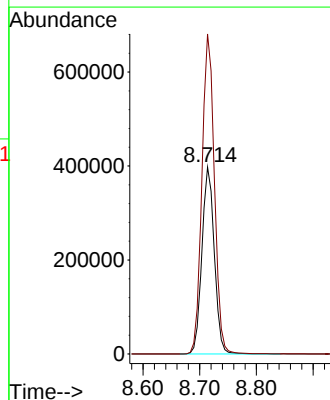
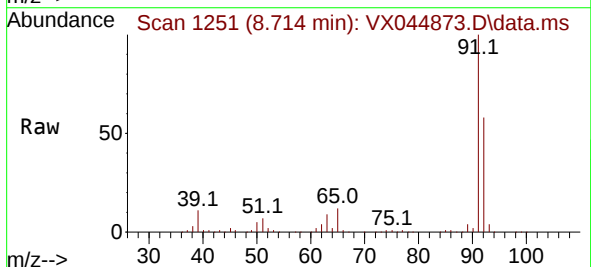
Acq: 10 Feb 2025 12:28

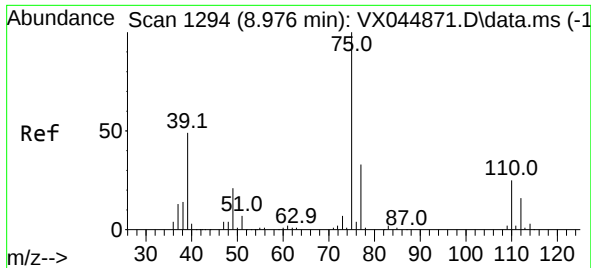
Tgt Ion: 92 Resp: 603113

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 164.398 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 378639

Ion Ratio Lower Upper

75 100

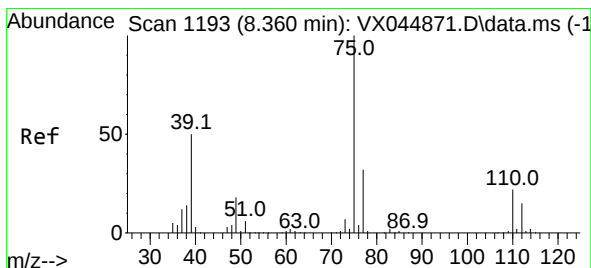
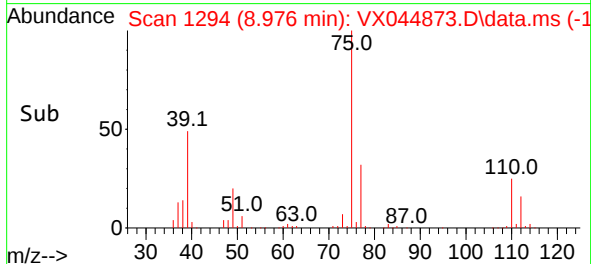
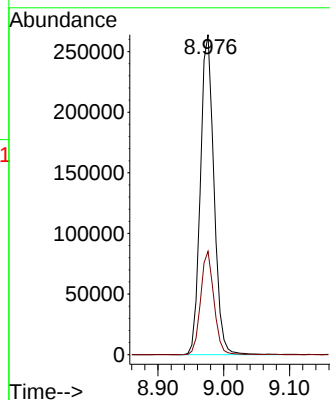
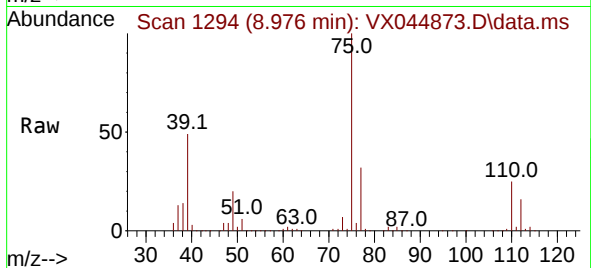
77 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#54

cis-1,3-Dichloropropene

Concen: 162.667 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

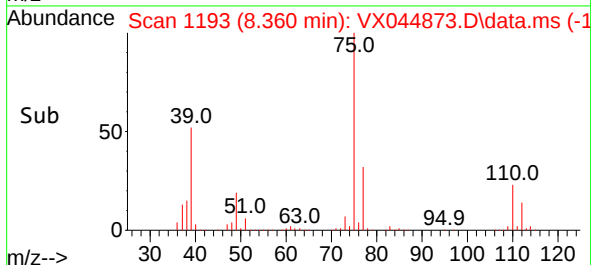
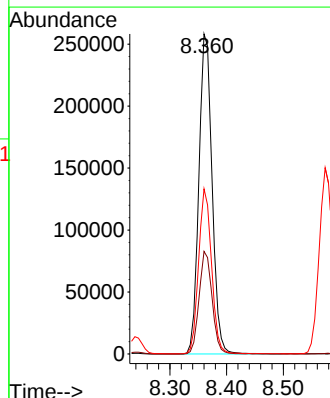
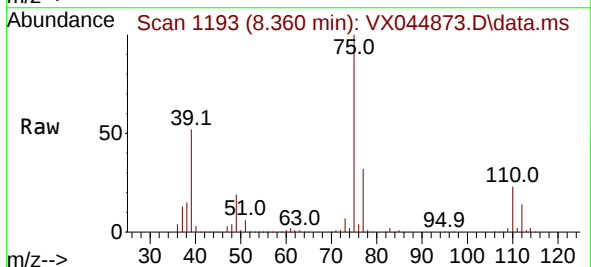
Tgt Ion: 75 Resp: 417724

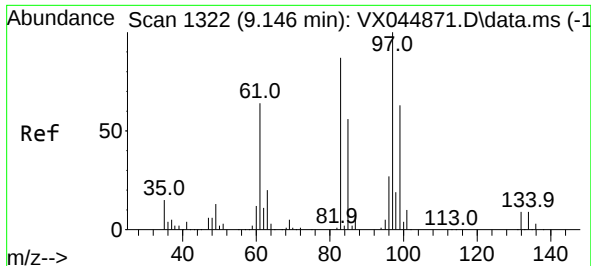
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 51.5 40.0 60.0





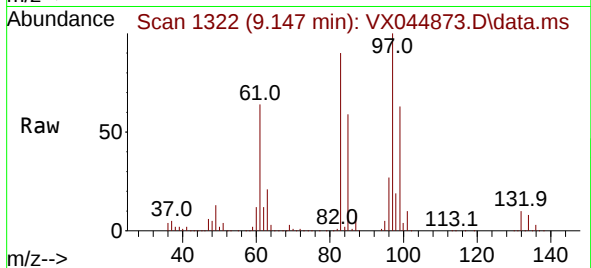
#55
1,1,2-Trichloroethane
Concen: 147.172 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



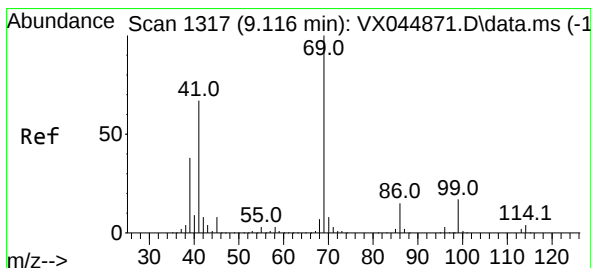
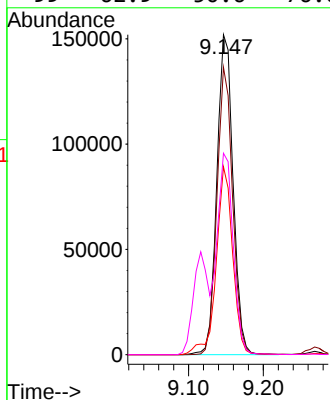
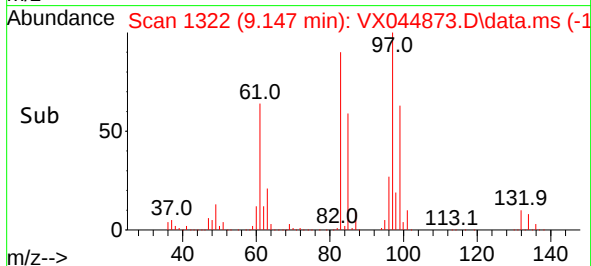
Tgt Ion: 97 Resp: 229548
Ion Ratio Lower Upper
97 100
83 89.8 69.8 104.6
85 58.7 44.8 67.2
99 62.9 50.6 76.0

Manual Integrations

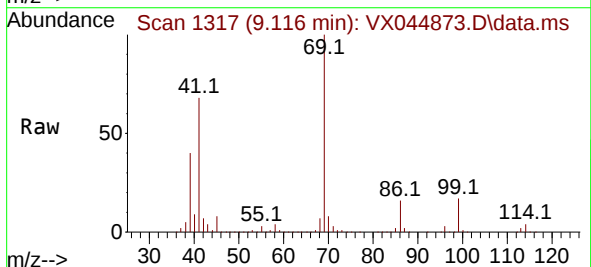
APPROVED

Reviewed By :John Carlone 02/11/2025

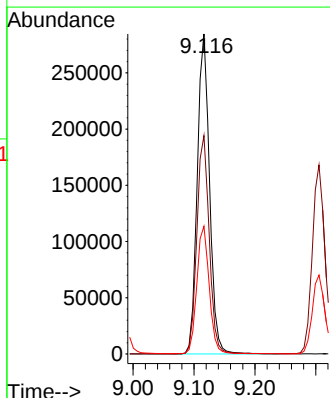
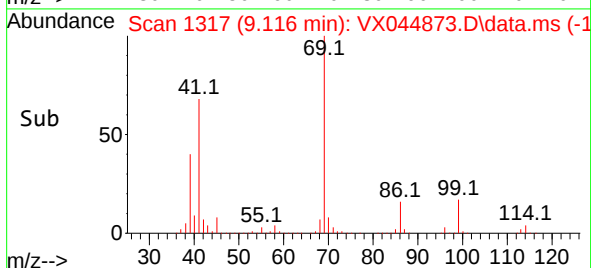
Supervised By :Mahesh Dadoda 02/11/2025

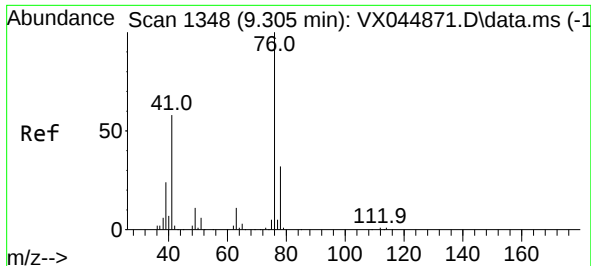


#56
Ethyl methacrylate
Concen: 158.205 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 69 Resp: 398535
Ion Ratio Lower Upper
69 100
41 68.7 55.2 82.8
39 40.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 147.915 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 40366

Ion Ratio Lower Upper

76 100

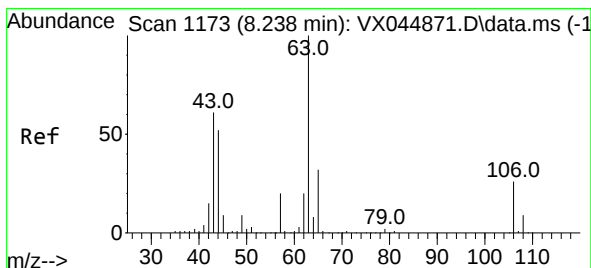
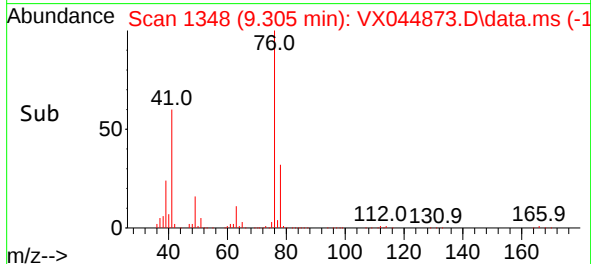
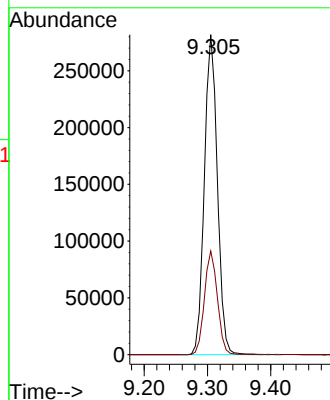
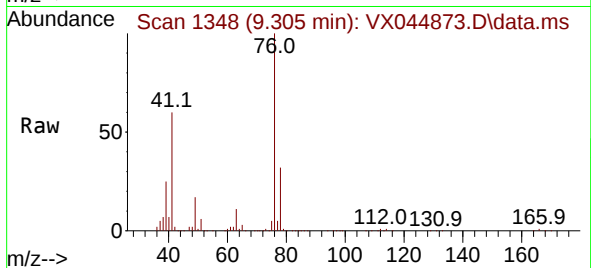
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 794.010 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044873.D

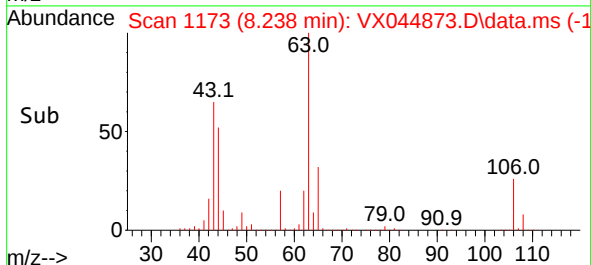
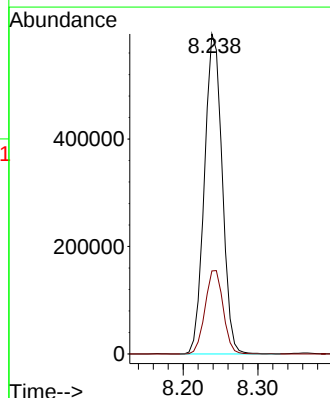
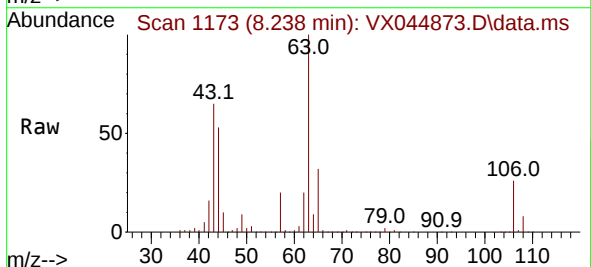
Acq: 10 Feb 2025 12:28

Tgt Ion: 63 Resp: 982120

Ion Ratio Lower Upper

63 100

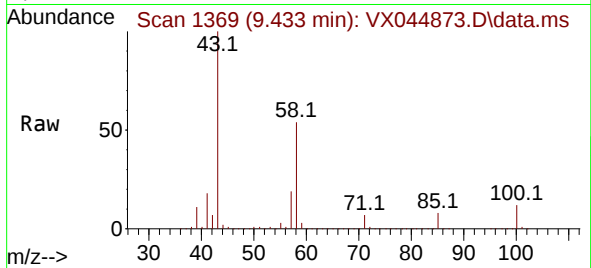
106 26.6 21.3 31.9





#59
2-Hexanone
Concen: 736.622 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

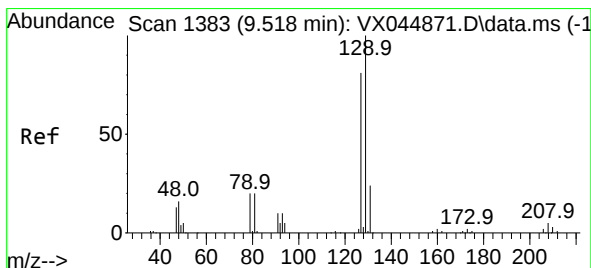
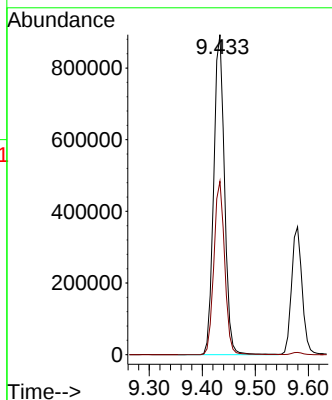
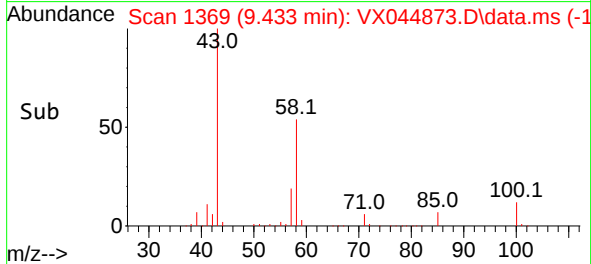
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1264470
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.4

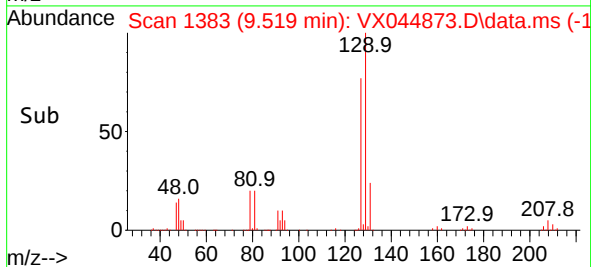
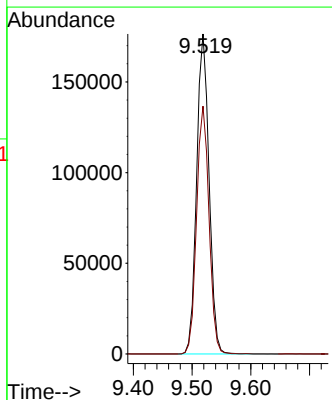
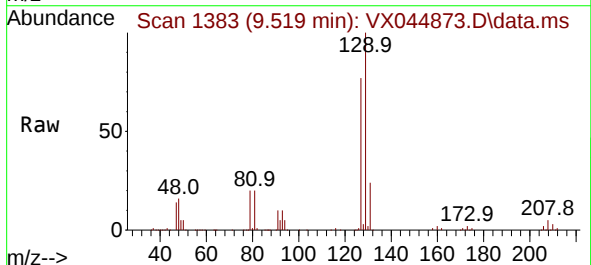
Manual Integrations
APPROVED

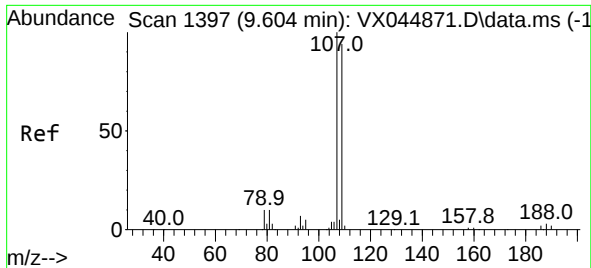
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 154.862 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

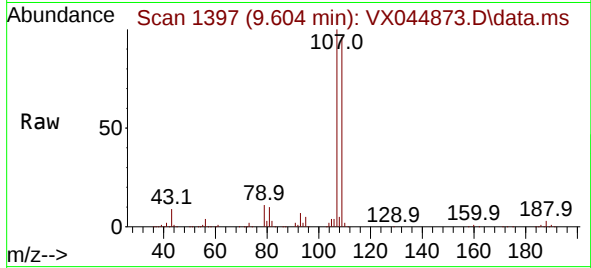
Tgt Ion:129 Resp: 258320
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 152.157 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

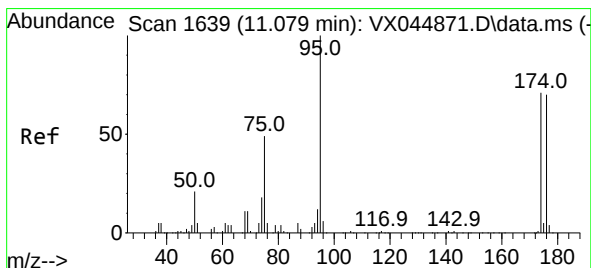
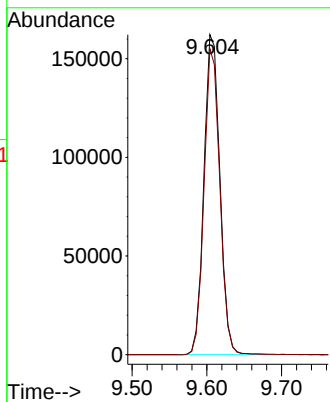
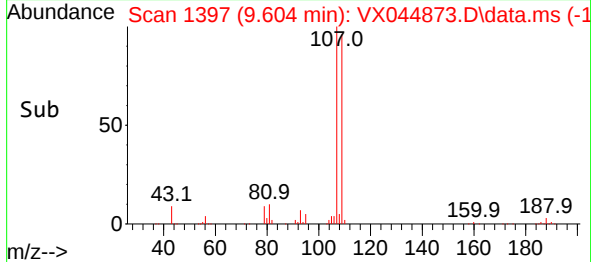
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



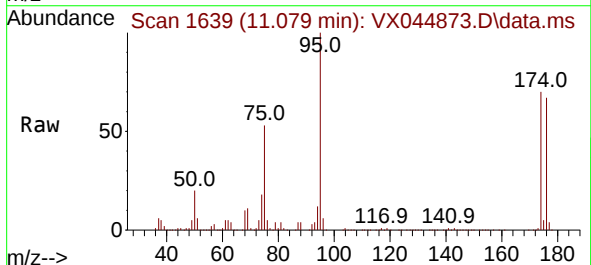
Tgt Ion:107 Resp: 240539
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9

Manual Integrations
APPROVED

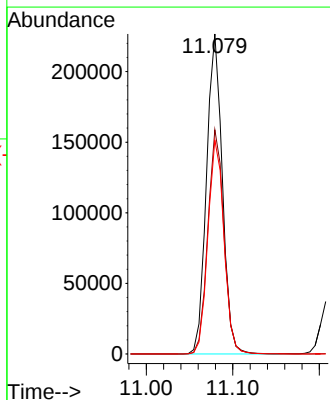
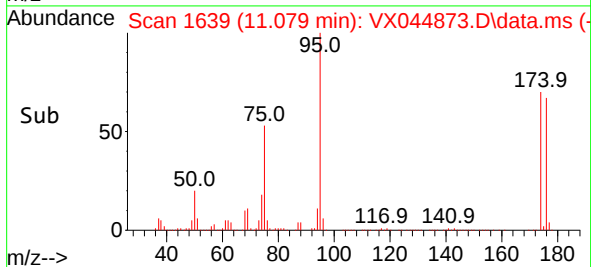
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

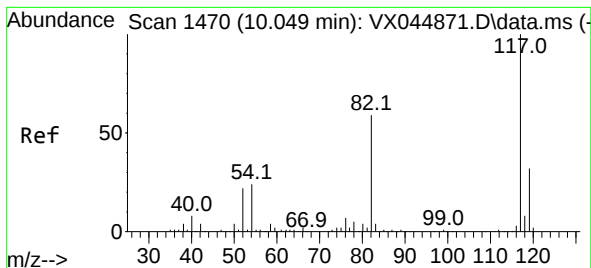


#62
4-Bromofluorobenzene
Concen: 149.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



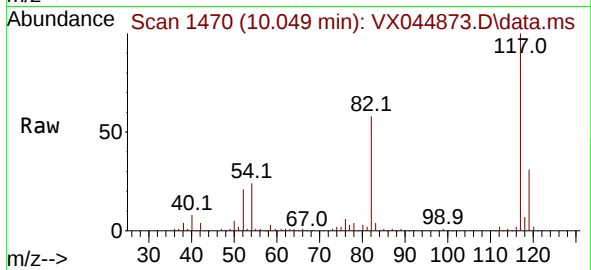
Tgt Ion: 95 Resp: 287486
Ion Ratio Lower Upper
95 100
174 71.2 0.0 142.6
176 68.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

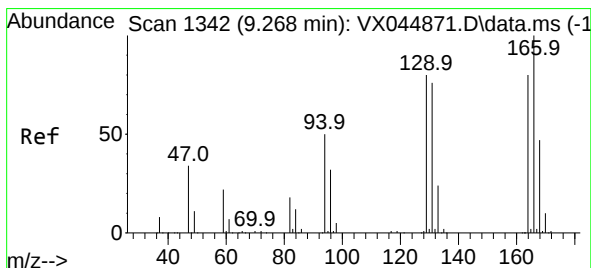
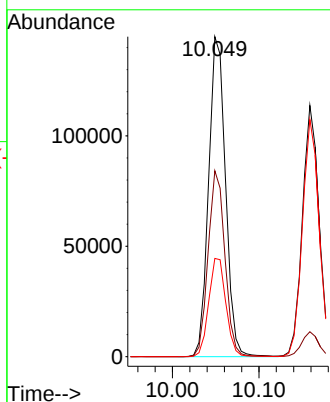
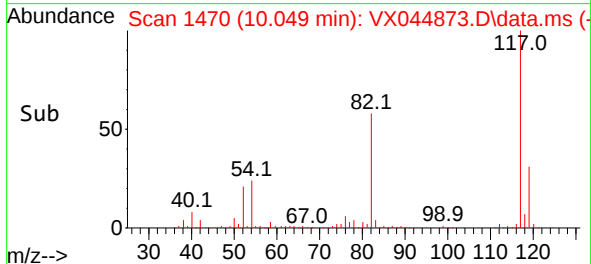
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 196663
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 30.7 25.4 38.0

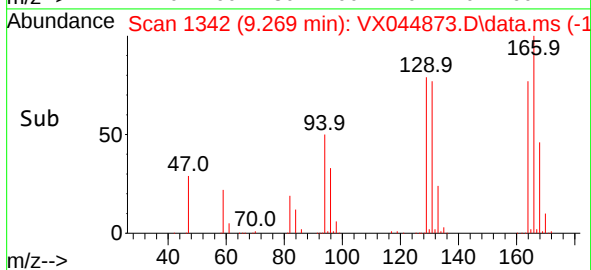
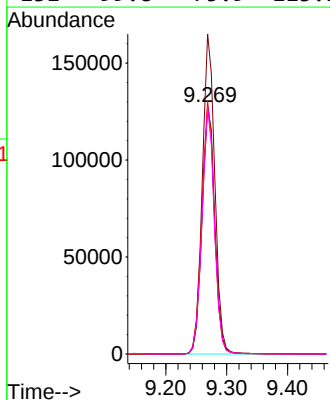
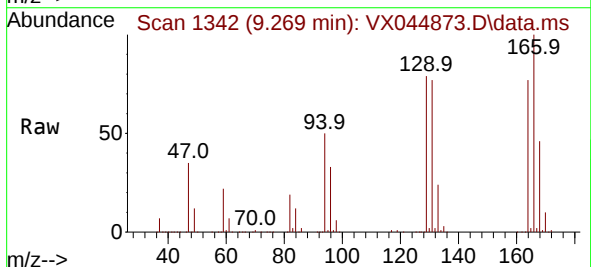
Manual Integrations
APPROVED

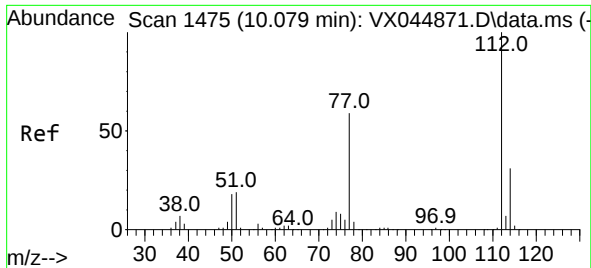
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 149.155 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

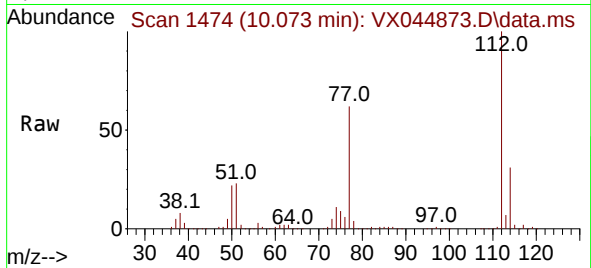
Tgt Ion:164 Resp: 184990
Ion Ratio Lower Upper
164 100
166 129.5 100.4 150.6
129 102.3 79.9 119.9
131 99.8 75.9 113.9





#65
Chlorobenzene
Concen: 150.224 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

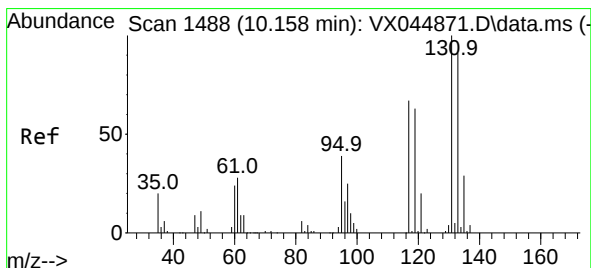
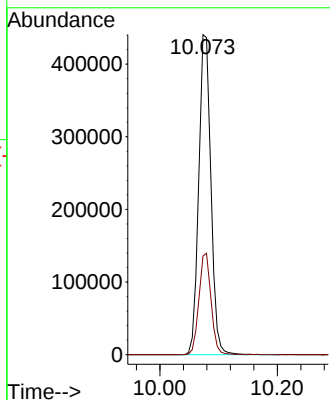
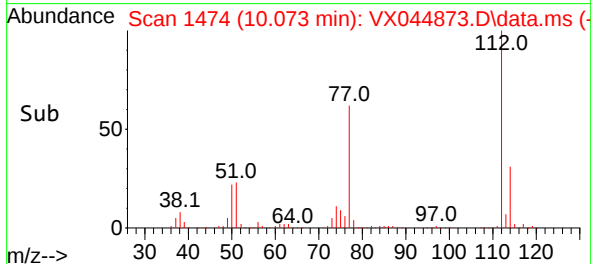
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 634550
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6

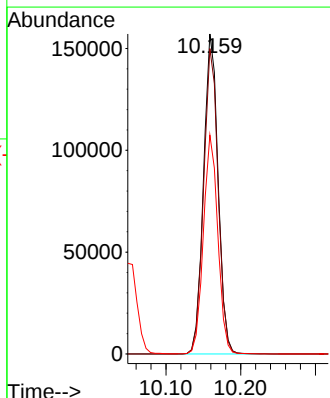
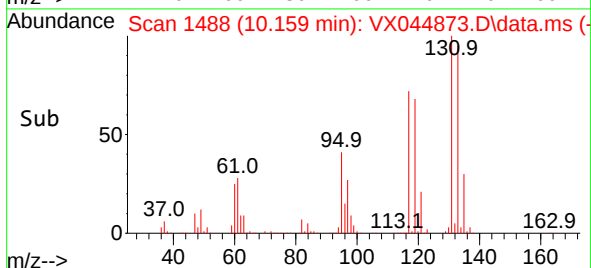
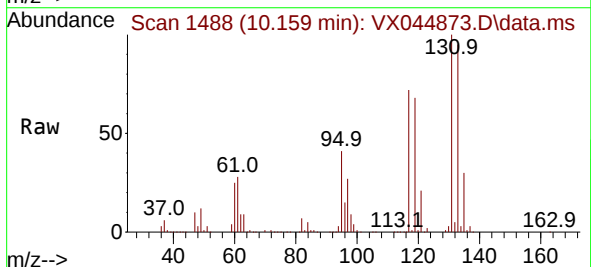
Manual Integrations
APPROVED

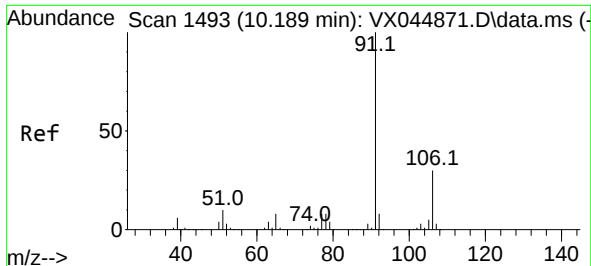
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 156.255 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion:131 Resp: 212441
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 67.9 33.6 100.6





#67

Ethyl Benzene

Concen: 152.647 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 113784

Ion Ratio Lower Upper

91 100

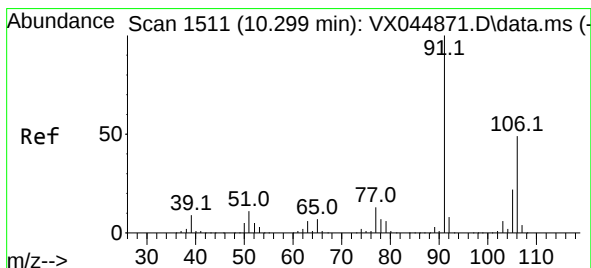
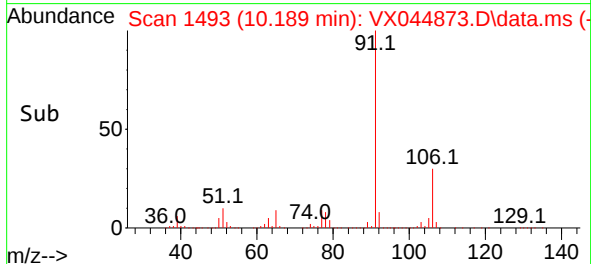
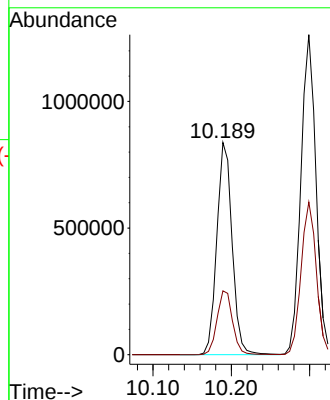
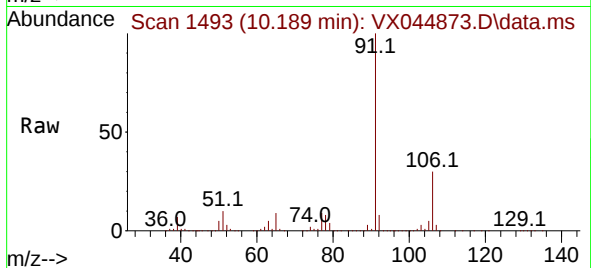
106 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#68

m/p-Xylenes

Concen: 297.841 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044873.D

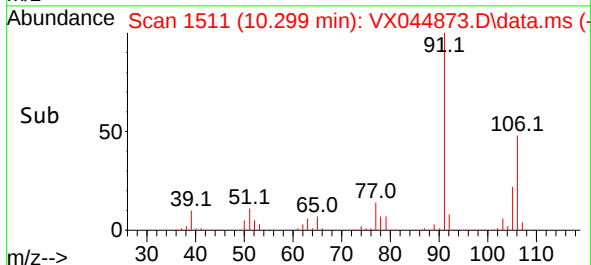
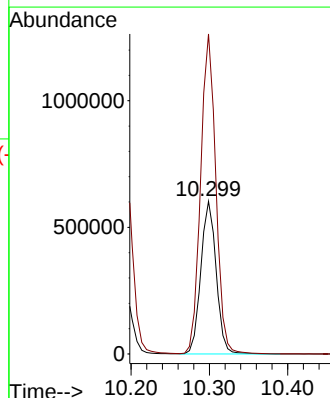
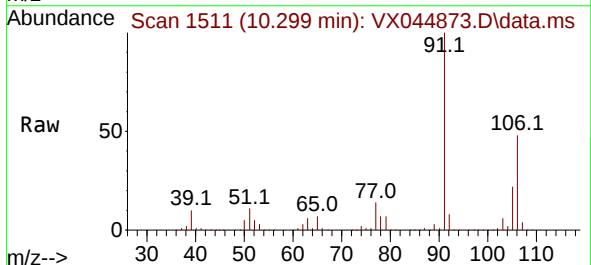
Acq: 10 Feb 2025 12:28

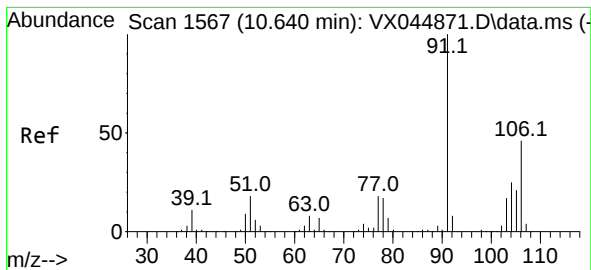
Tgt Ion:106 Resp: 818971

Ion Ratio Lower Upper

106 100

91 208.6 164.3 246.5





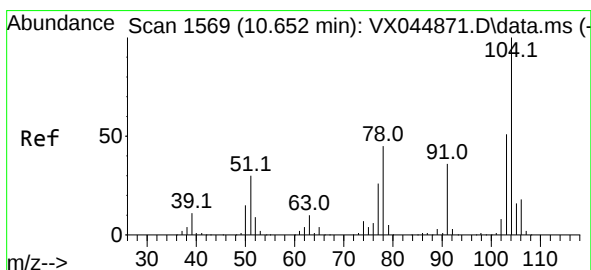
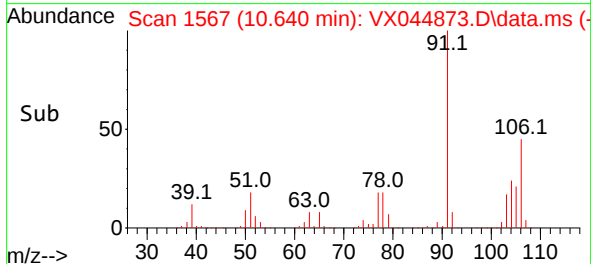
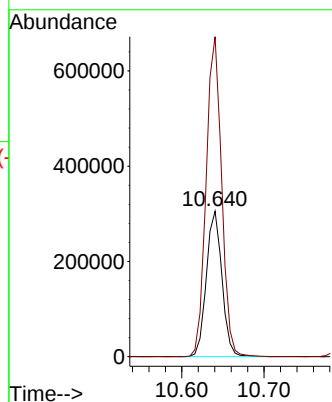
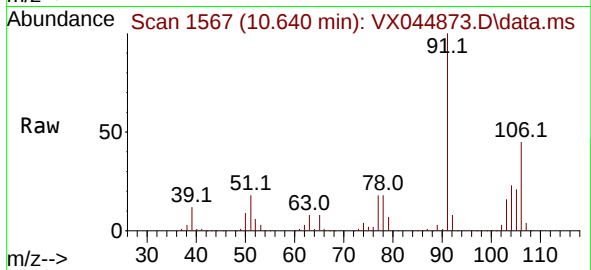
#69
o-Xylene
Concen: 145.674 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 401928
Ion Ratio Lower Upper
106 100
91 218.9 108.5 325.5

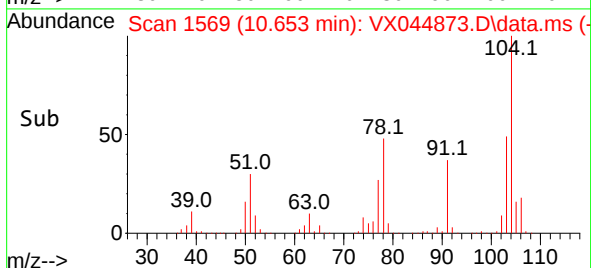
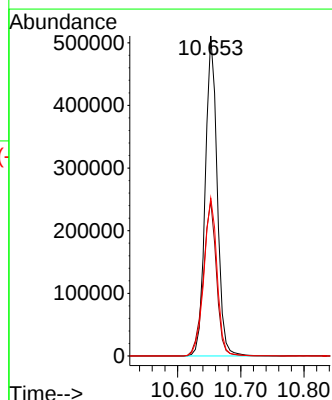
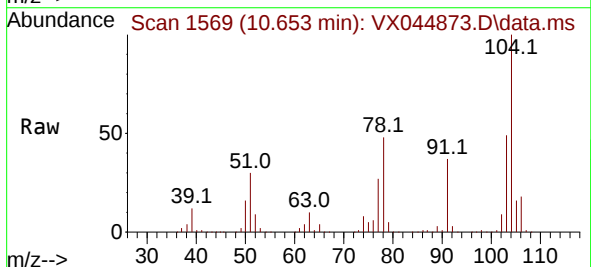
Manual Integrations
APPROVED

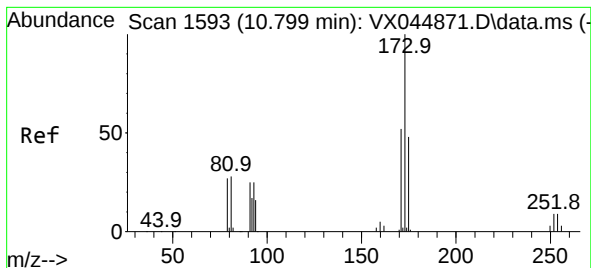
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 151.140 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Tgt Ion:104 Resp: 671843
Ion Ratio Lower Upper
104 100
78 53.0 40.5 60.7
103 54.5 43.6 65.4





#71

Bromoform

Concen: 167.033 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 16948

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.8

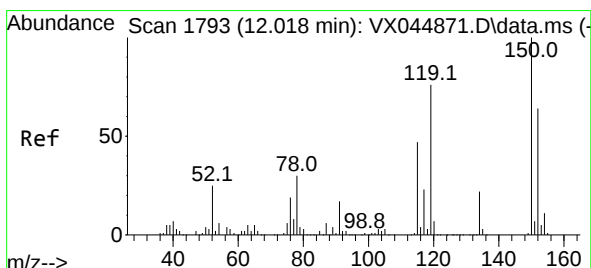
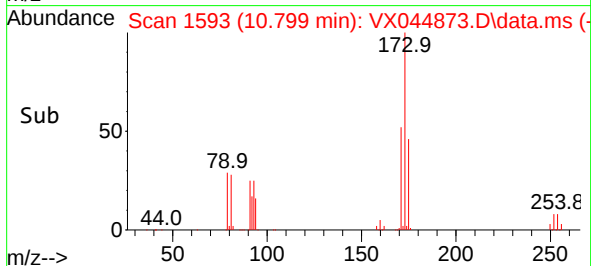
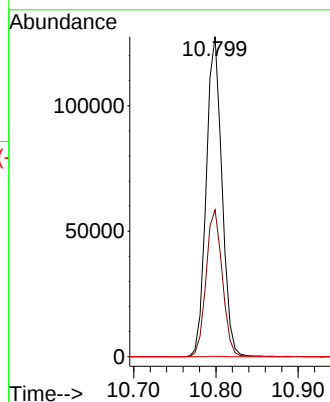
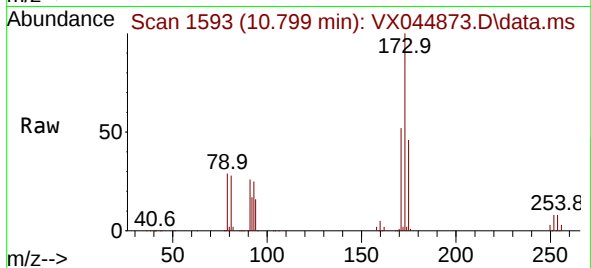
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

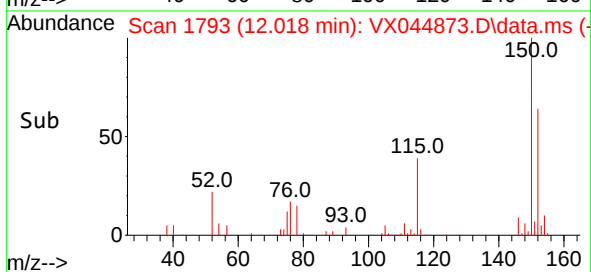
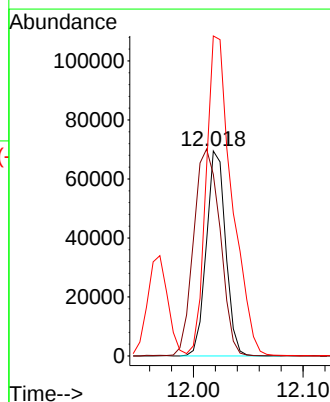
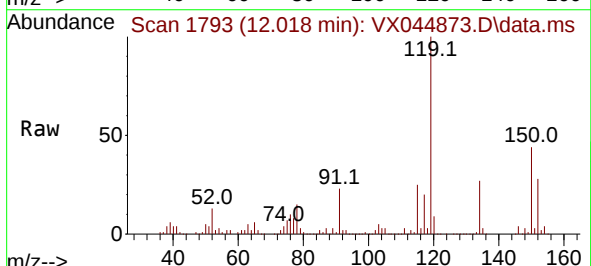
Tgt Ion:152 Resp: 84836

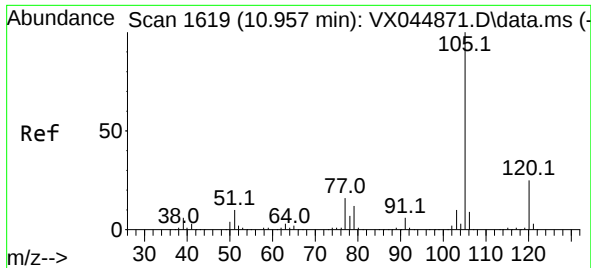
Ion Ratio Lower Upper

152 100

115 139.2 43.4 130.1#

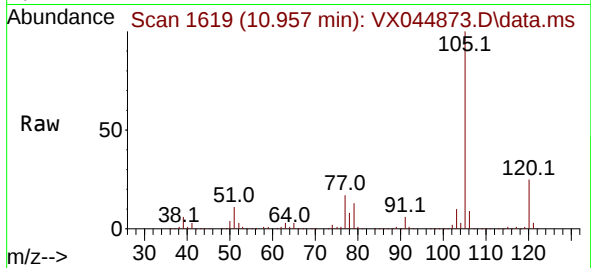
150 209.6 0.0 350.4





#73
Isopropylbenzene
Concen: 151.869 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

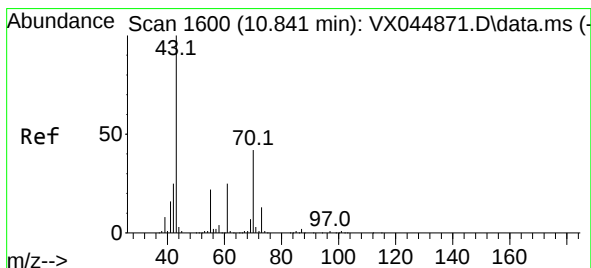
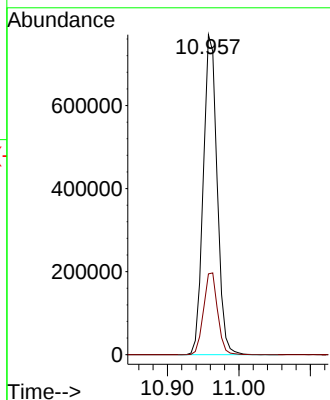
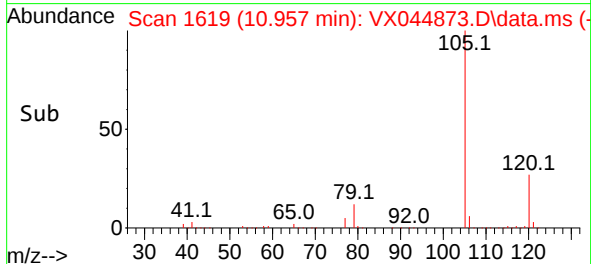
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



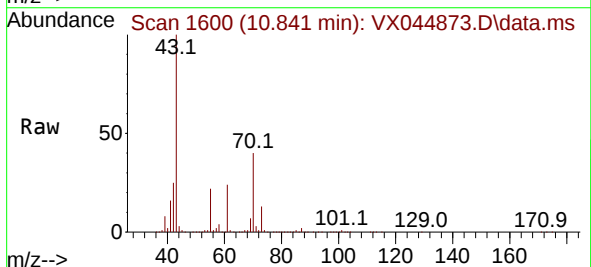
Tgt Ion:105 Resp: 103740
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

Manual Integrations
APPROVED

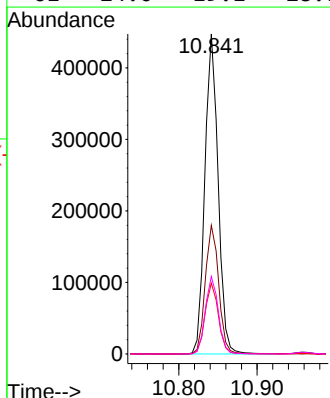
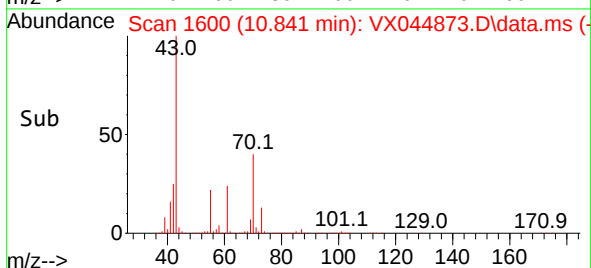
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

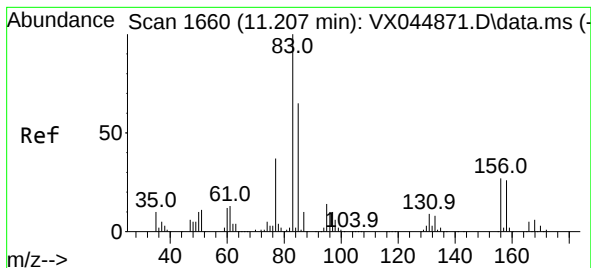


#74
N-ethyl acetate
Concen: 168.861 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 43 Resp: 521962
Ion Ratio Lower Upper
43 100
70 41.0 33.7 50.5
55 22.3 18.6 27.8
61 24.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 147.409 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 34601

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

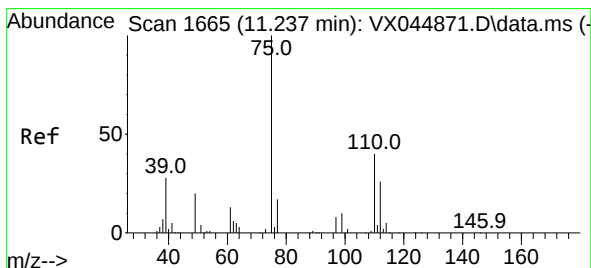
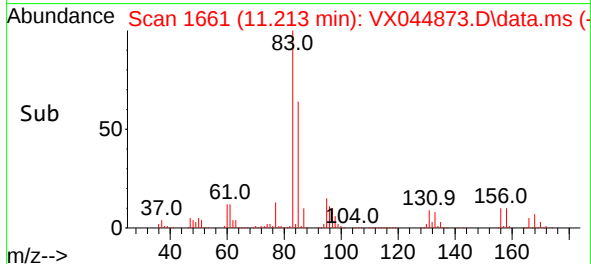
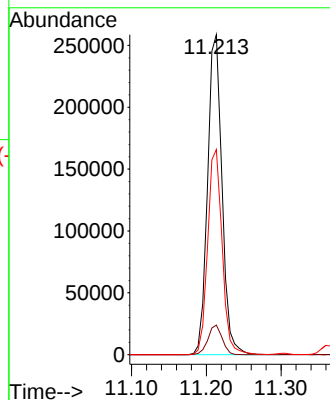
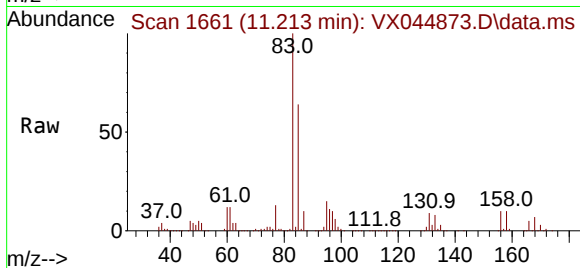
85 64.3 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#76

1,2,3-Trichloropropane

Concen: 151.485 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044873.D

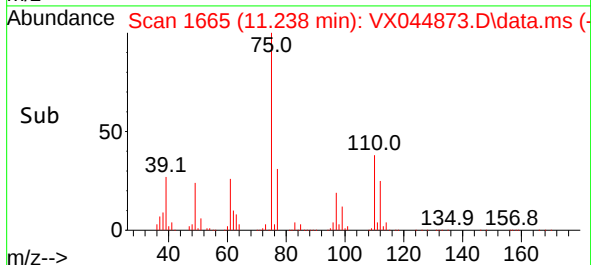
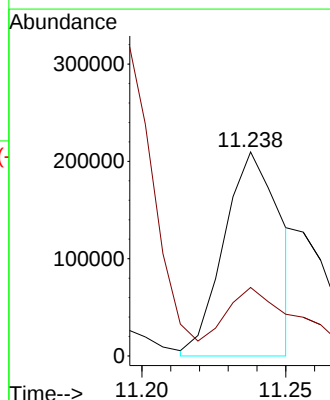
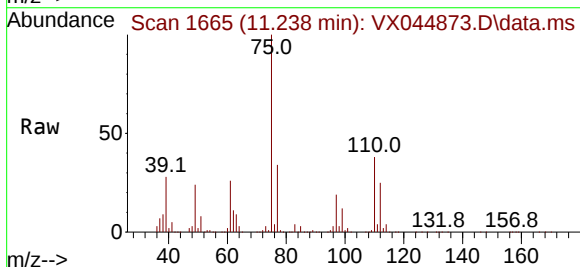
Acq: 10 Feb 2025 12:28

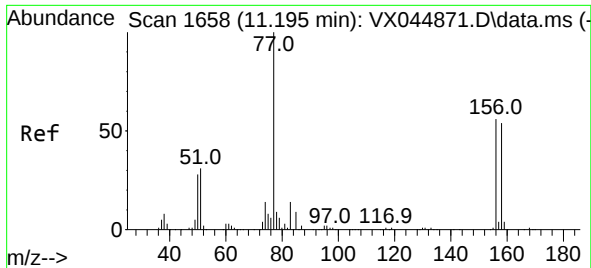
Tgt Ion: 75 Resp: 284934

Ion Ratio Lower Upper

75 100

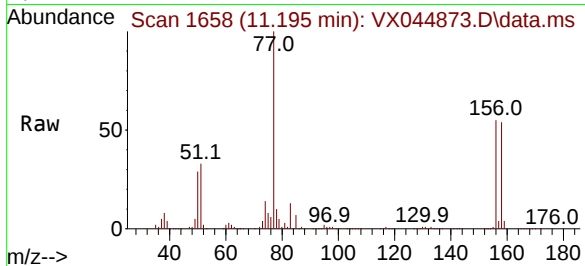
77 44.3 21.9 65.7





#77
Bromobenzene
Concen: 151.715 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

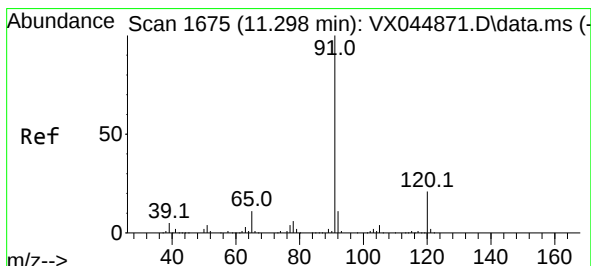
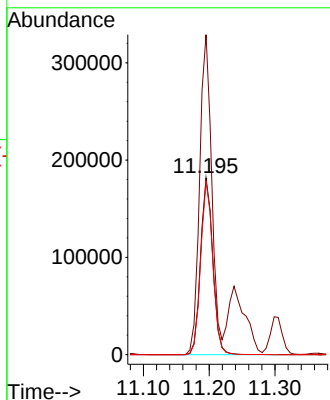
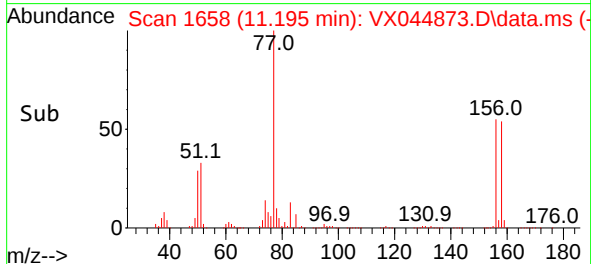
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



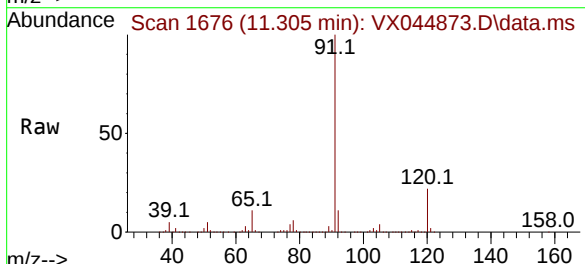
Tgt Ion: 156 Resp: 23495
Ion Ratio Lower Upper
156 100
77 179.2 88.4 265.3
158 97.1 48.4 145.2

Manual Integrations
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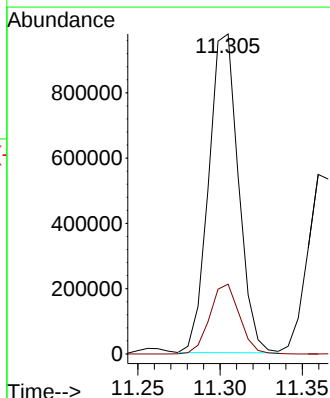
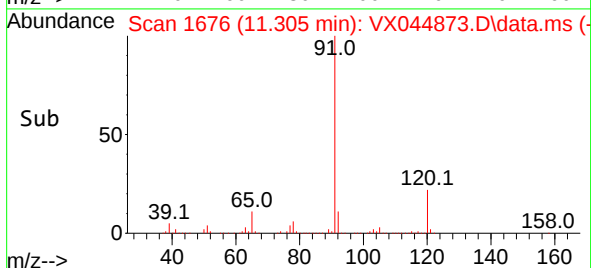
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

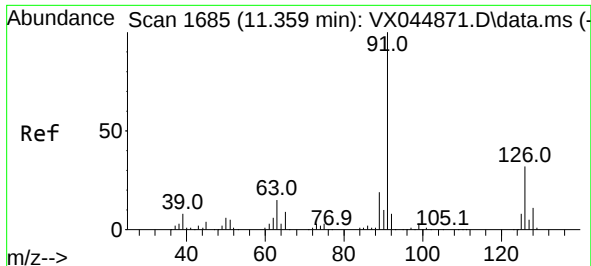


#78
n-propylbenzene
Concen: 156.140 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 91 Resp: 1231079
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





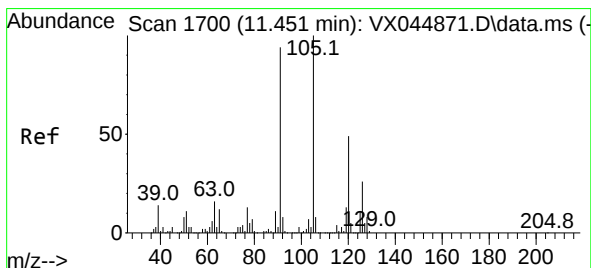
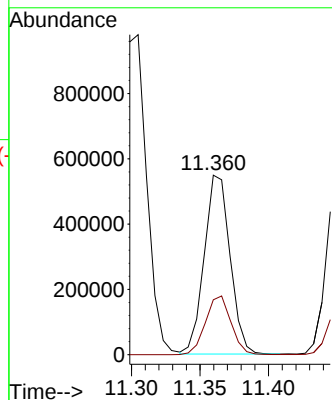
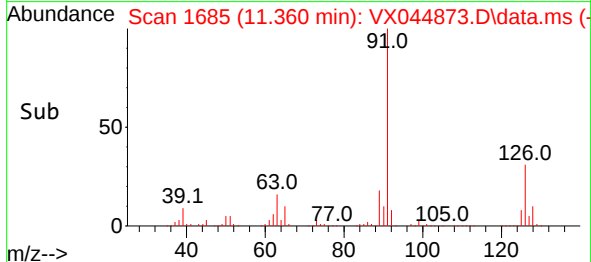
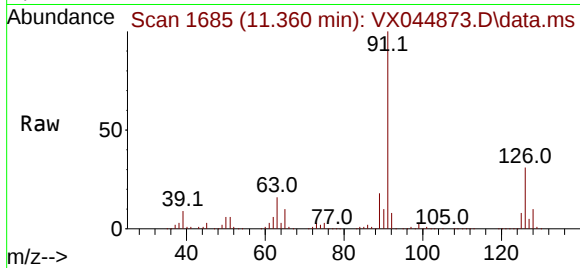
#79
2-Chlorotoluene
Concen: 148.123 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 717760
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6

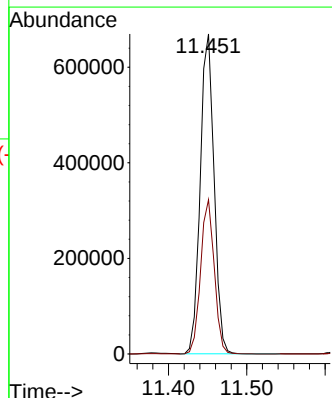
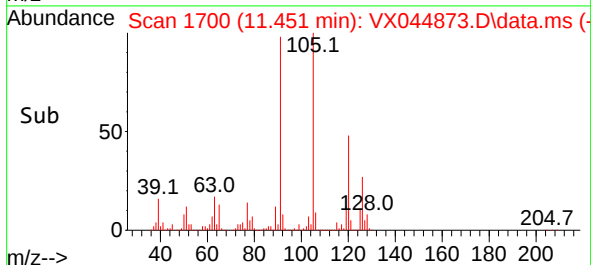
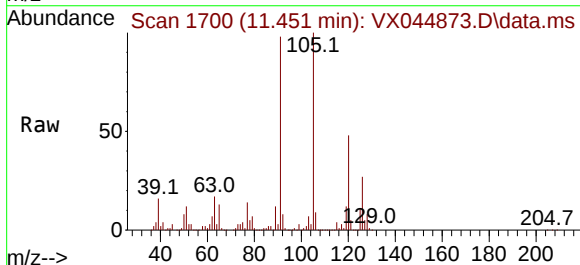
Manual Integrations
APPROVED

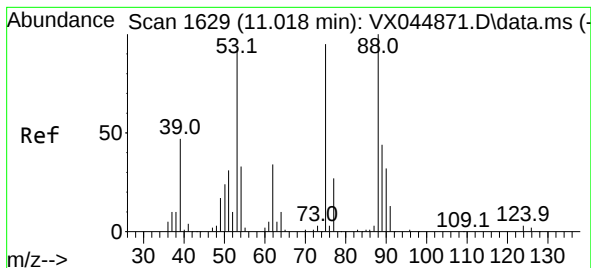
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 148.415 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

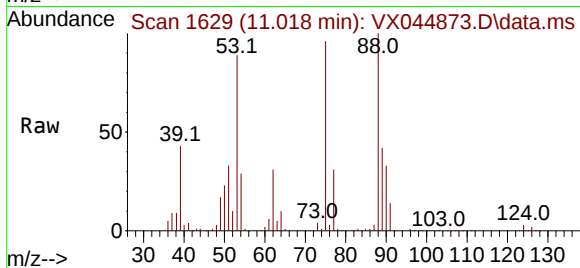
Tgt Ion:105 Resp: 822707
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 173.221 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

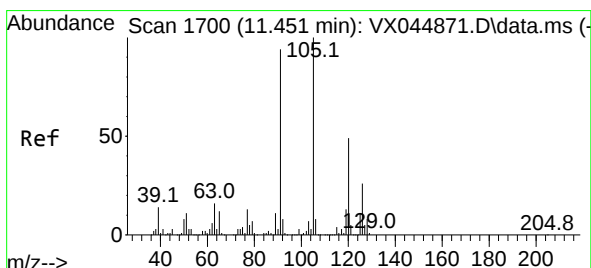
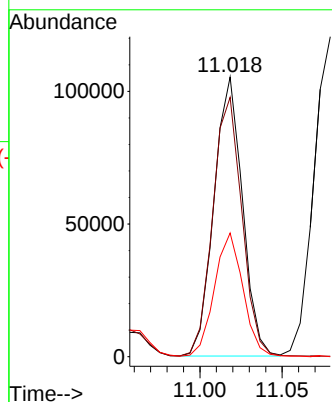
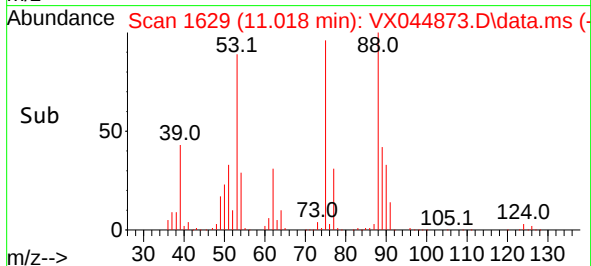
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 126660
Ion Ratio Lower Upper
75 100
53 95.2 78.0 117.0
89 44.7 36.6 54.8

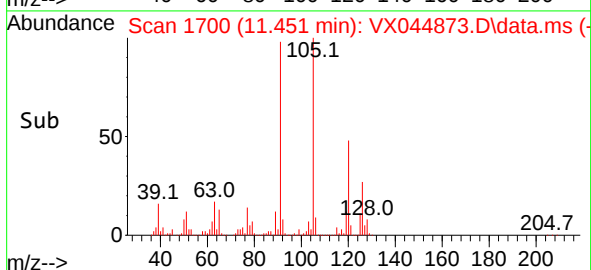
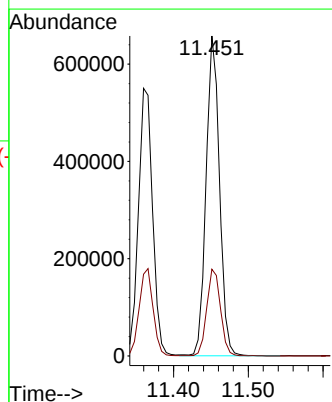
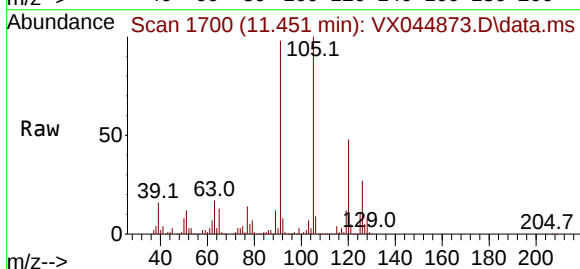
Manual Integrations
APPROVED

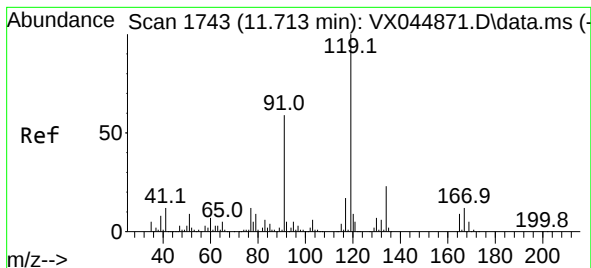
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#82
4-Chlorotoluene
Concen: 152.602 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

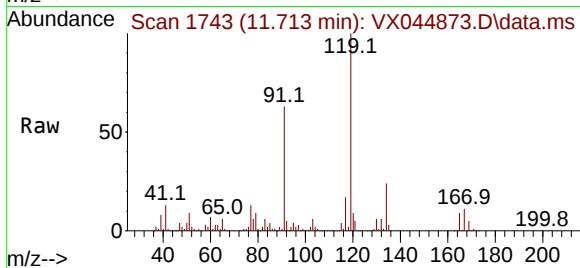
Tgt Ion: 91 Resp: 818099
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 149.610 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

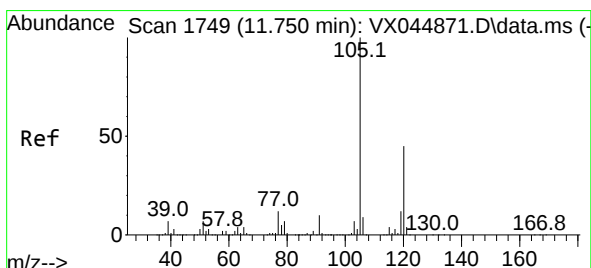
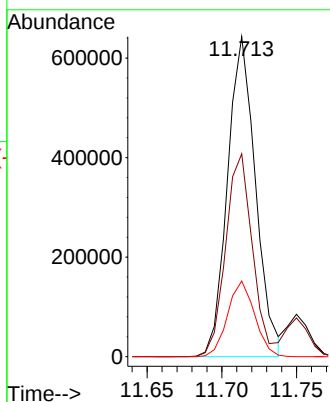
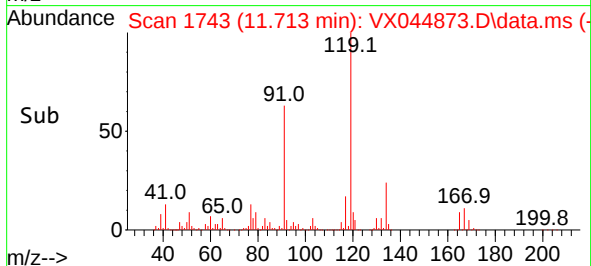
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



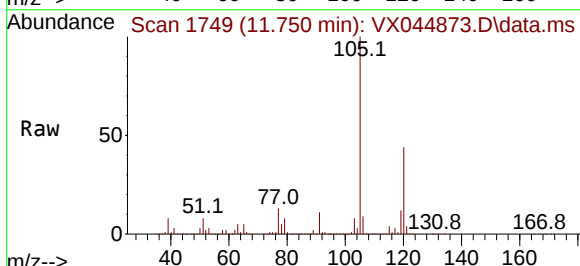
Tgt Ion:119 Resp: 838979
Ion Ratio Lower Upper
119 100
91 61.1 29.1 87.4
134 22.9 11.5 34.5

Manual Integrations
APPROVED

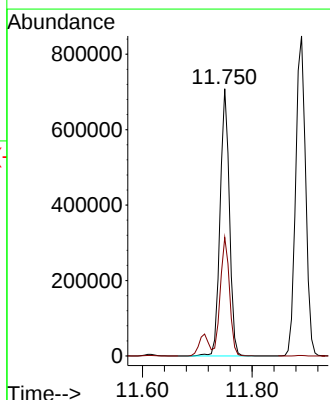
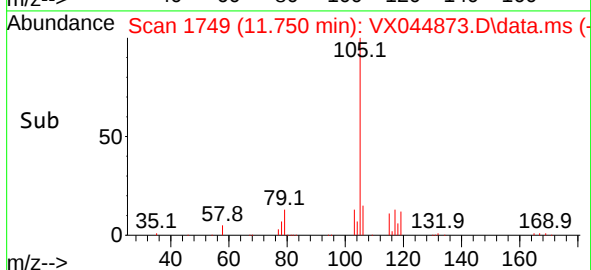
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

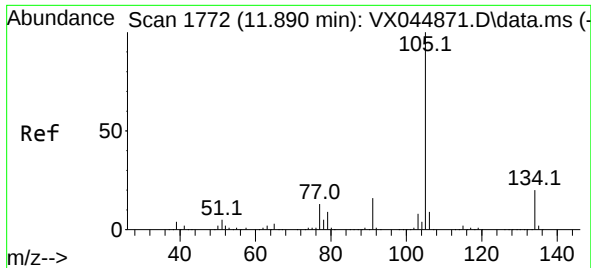


#84
1,2,4-Trimethylbenzene
Concen: 153.274 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion:105 Resp: 838584
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0





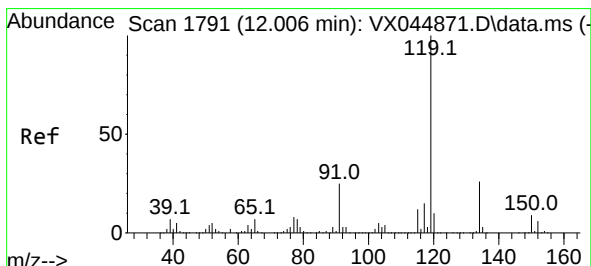
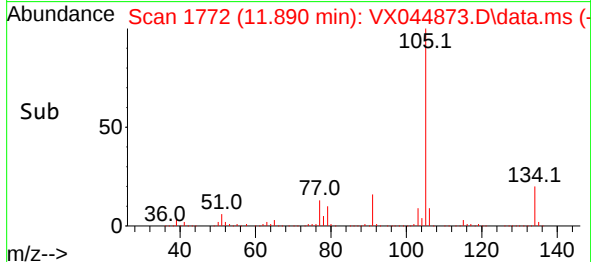
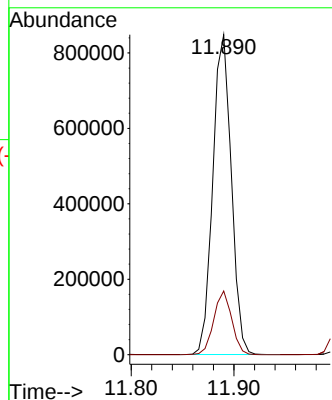
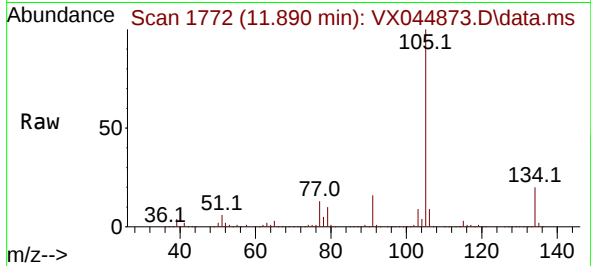
#85
 sec-Butylbenzene
 Concen: 152.806 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044873.D
 Acq: 10 Feb 2025 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 106110
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

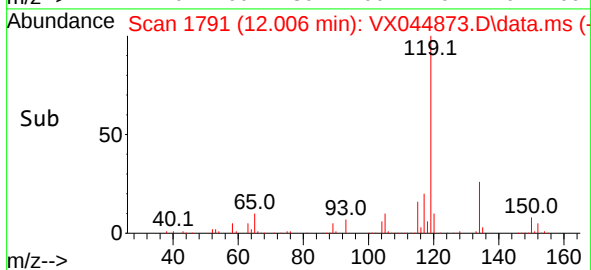
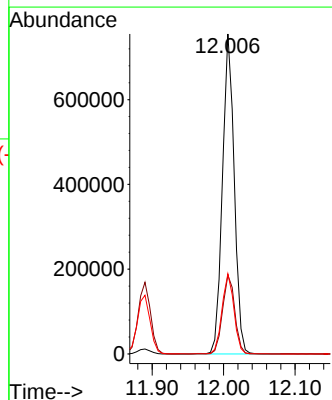
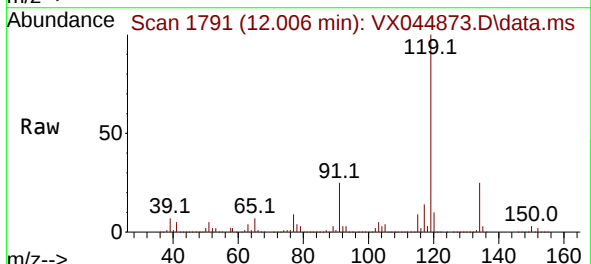
Manual Integrations
 APPROVED

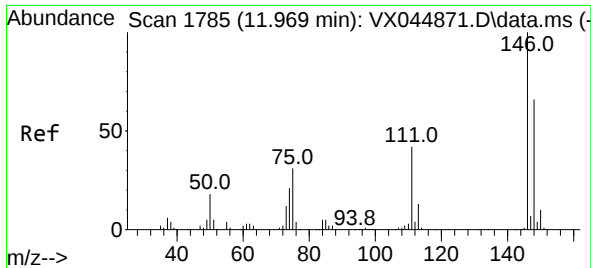
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#86
 p-Isopropyltoluene
 Concen: 154.987 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044873.D
 Acq: 10 Feb 2025 12:28

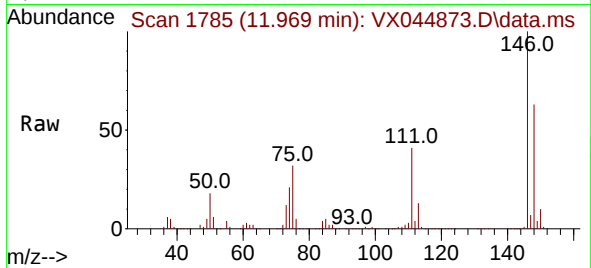
Tgt Ion:119 Resp: 865491
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 25.3 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 152.175 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX044873.D
 Acq: 10 Feb 2025 12:28

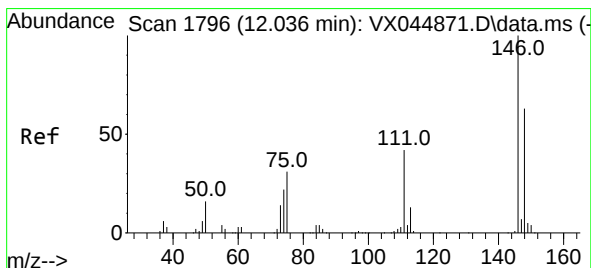
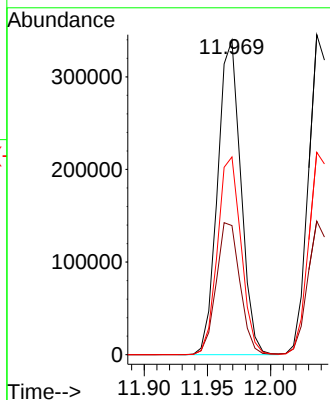
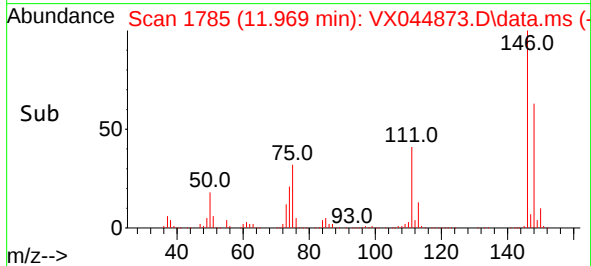
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



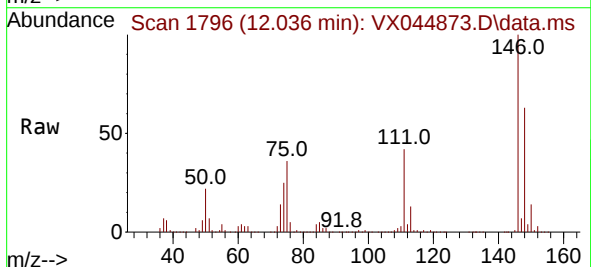
Tgt Ion:146 Resp: 433384
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 63.9 32.5 97.5

Manual Integrations
 APPROVED

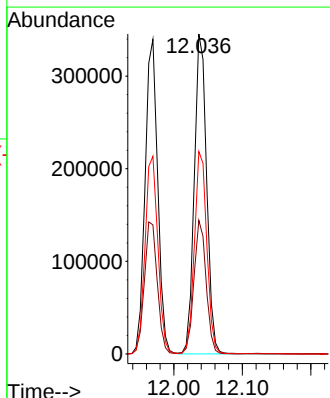
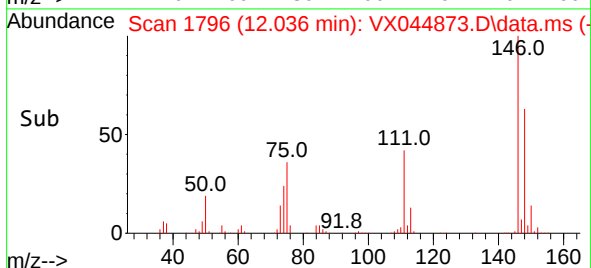
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

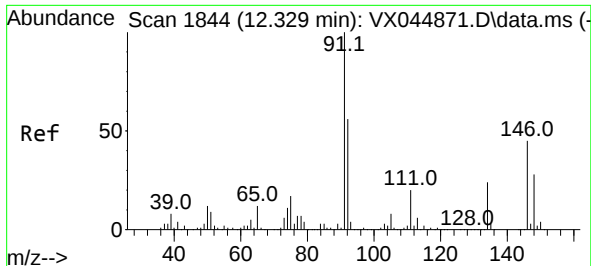


#88
 1,4-Dichlorobenzene
 Concen: 150.362 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX044873.D
 Acq: 10 Feb 2025 12:28



Tgt Ion:146 Resp: 432987
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 167.469 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044873.D

Acq: 10 Feb 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 82735

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

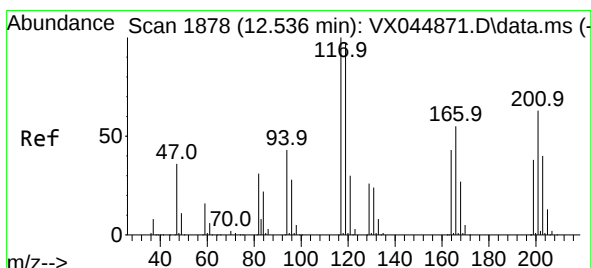
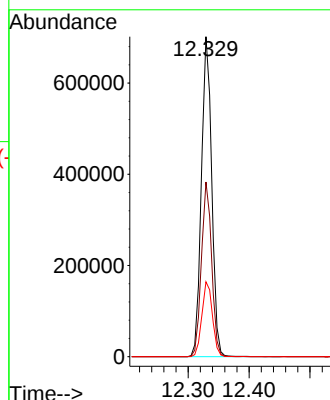
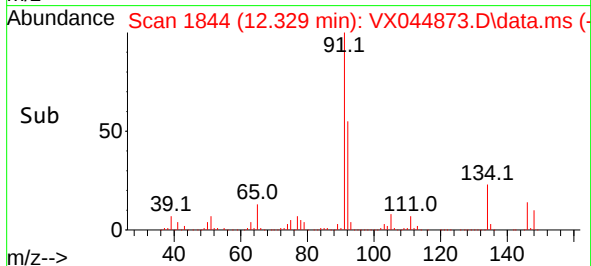
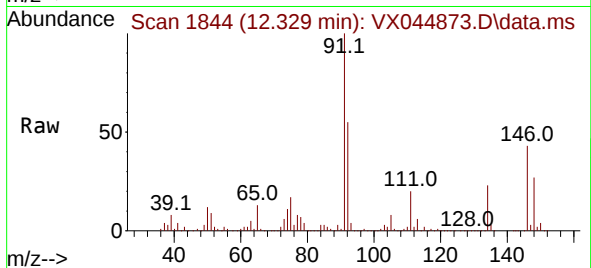
134 24.0 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#90

Hexachloroethane

Concen: 167.760 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044873.D

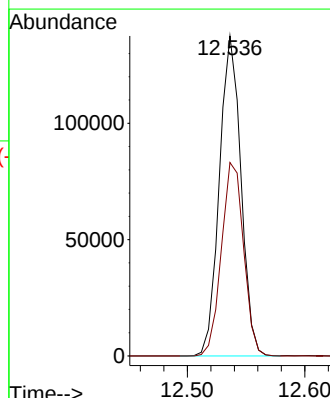
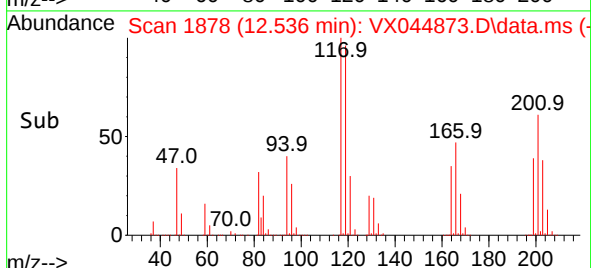
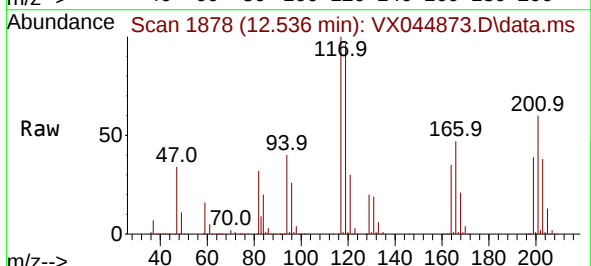
Acq: 10 Feb 2025 12:28

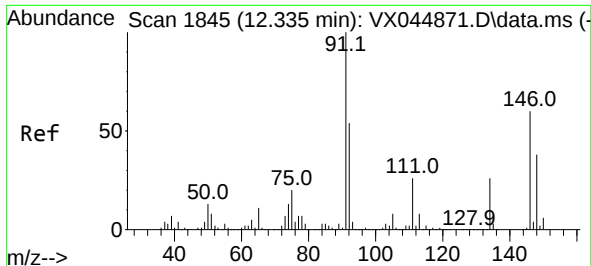
Tgt Ion:117 Resp: 175414

Ion Ratio Lower Upper

117 100

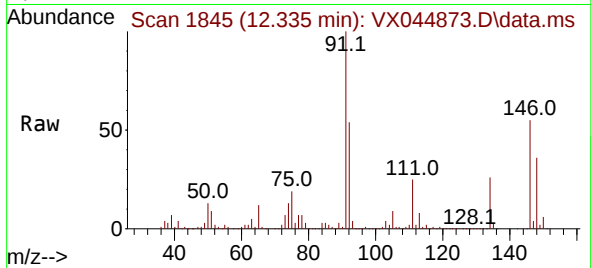
201 62.4 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 149.042 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

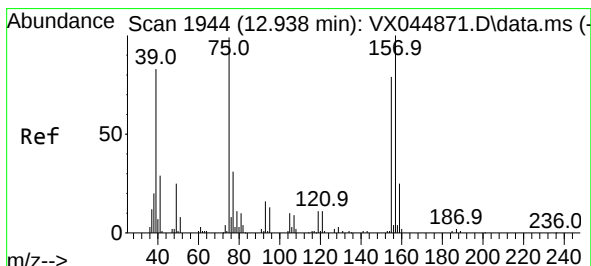
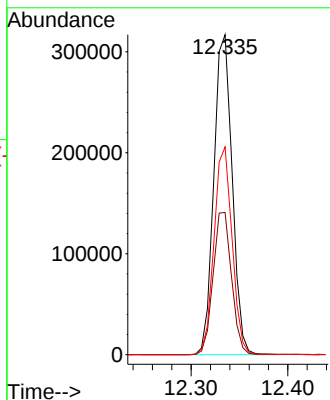
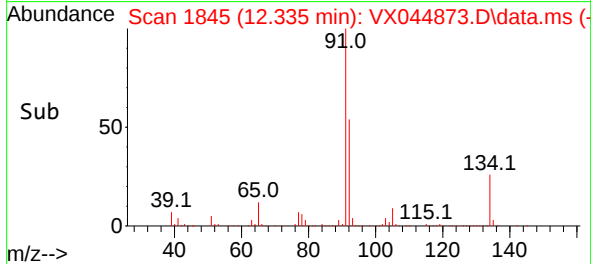
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



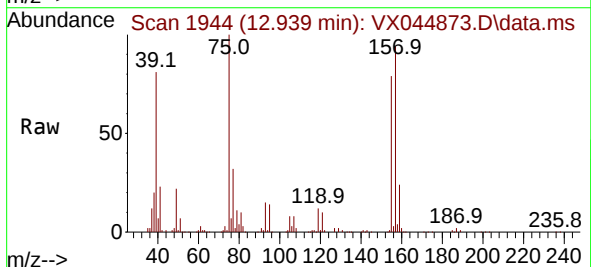
Tgt Ion:146 Resp: 41716
Ion Ratio Lower Upper
146 100
111 44.9 21.8 65.4
148 64.1 31.9 95.9

Manual Integrations
APPROVED

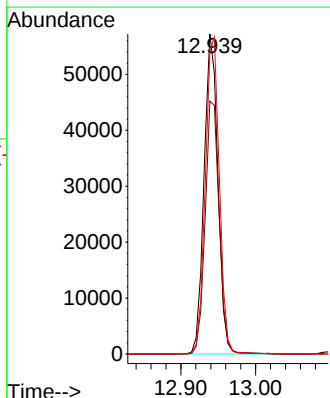
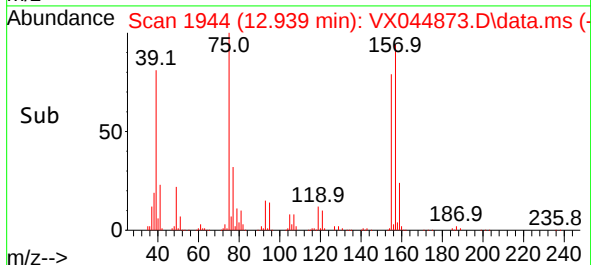
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

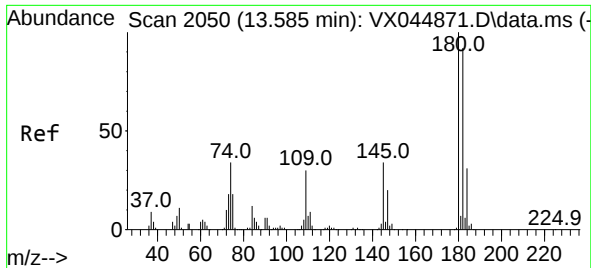


#92
1,2-Dibromo-3-Chloropropane
Concen: 171.783 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion: 75 Resp: 73593
Ion Ratio Lower Upper
75 100
155 80.1 40.5 121.4
157 100.5 51.4 154.3





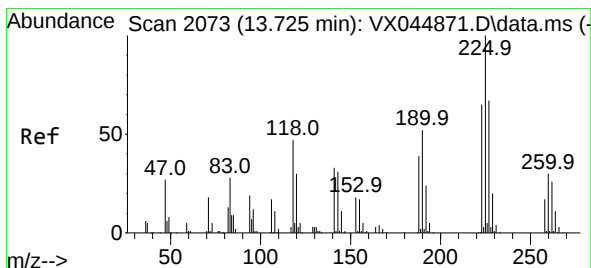
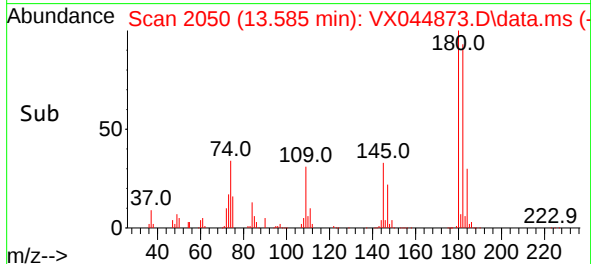
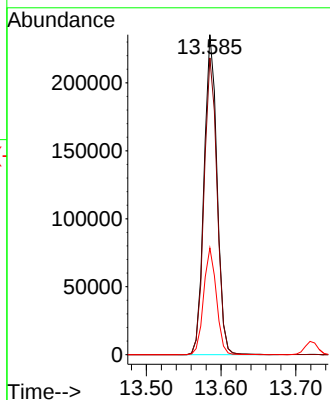
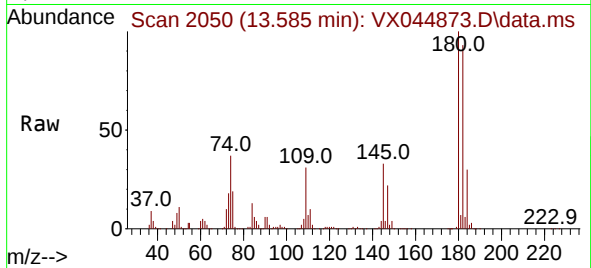
#93
1,2,4-Trichlorobenzene
Concen: 167.095 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 283004
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.8
145 32.8 16.4 49.1

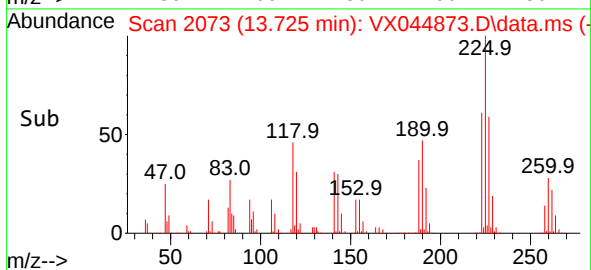
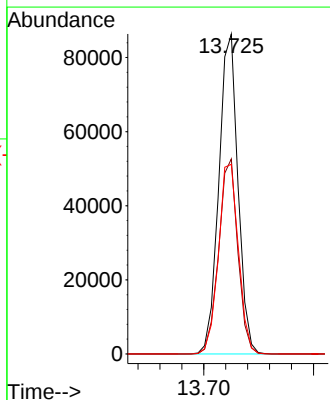
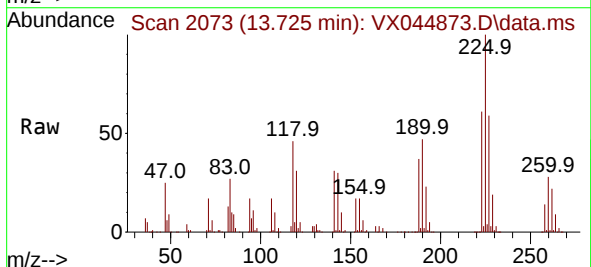
Manual Integrations
APPROVED

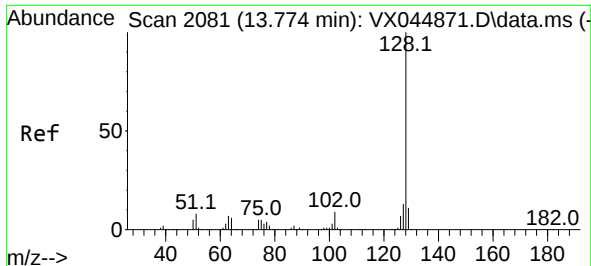
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#94
Hexachlorobutadiene
Concen: 155.682 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

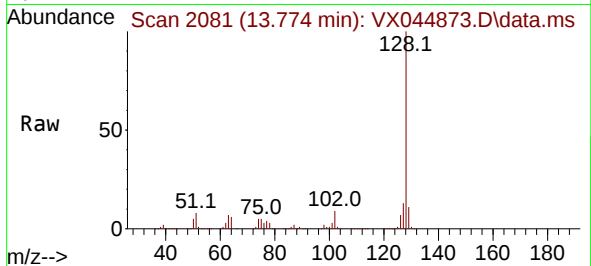
Tgt Ion:225 Resp: 104674
Ion Ratio Lower Upper
225 100
223 60.9 31.4 94.2
227 61.9 32.3 96.8





#95
Naphthalene
Concen: 165.916 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28

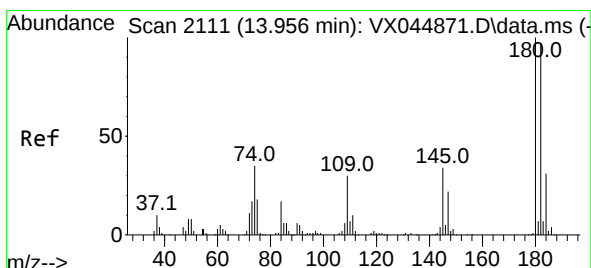
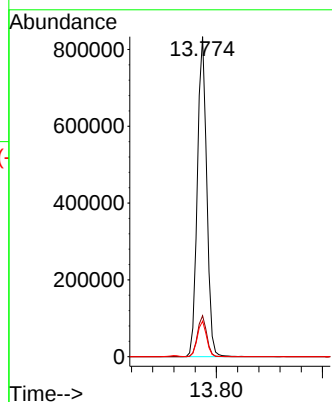
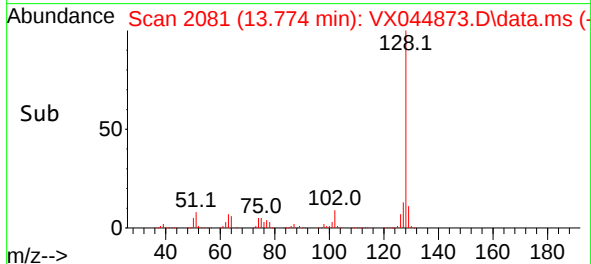
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



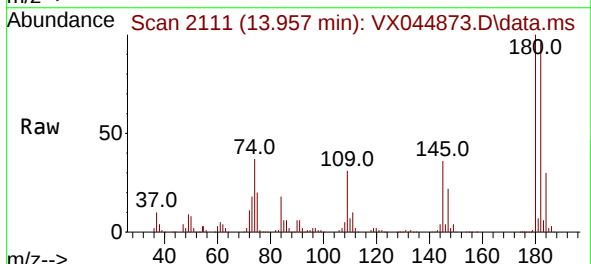
Tgt Ion:128 Resp: 101580
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 165.408 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044873.D
Acq: 10 Feb 2025 12:28



Tgt Ion:180 Resp: 282289
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 34.9 17.1 51.3

