

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044868.D
 Acq On : 10 Feb 2025 10:25
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 11 03:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:33:20 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	134134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90733	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.160	85	1939m	1.031	ug/l
3) Chloromethane	1.307	50	2571	1.123	ug/l 94
4) Vinyl Chloride	1.374	62	2252	1.015	ug/l 96
6) Chloroethane	1.666	64	1341	2.592	ug/l 91
7) Trichlorofluoromethane	1.874	101	2849	1.016	ug/l 88
8) Diethyl Ether	2.130	74	1032	1.014	ug/l # 37
9) 1,1,2-Trichlorotrifluo...	2.325	101	1564	0.923	ug/l # 88
12) 1,1-Dichloroethene	2.307	96	1737	1.005	ug/l 85
14) Allyl chloride	2.654	41	3164	1.013	ug/l 90
15) Acrylonitrile	3.069	53	4527	4.655	ug/l 95
16) Acetone	2.380	43	4095	5.188	ug/l 92
17) Carbon Disulfide	2.502	76	4531	0.956	ug/l # 88
18) Methyl Acetate	2.697	43	2367	0.950	ug/l 95
19) Methyl tert-butyl Ether	3.117	73	5206	0.946	ug/l # 87
20) Methylene Chloride	2.782	84	2005	1.037	ug/l # 90
21) trans-1,2-Dichloroethene	3.087	96	1631	0.959	ug/l 96
22) Diisopropyl ether	3.764	45	5496	0.930	ug/l # 75
23) Vinyl Acetate	3.727	43	20663	4.288	ug/l 99
24) 1,1-Dichloroethane	3.605	63	3099	0.937	ug/l # 93
25) 2-Butanone	4.587	43	5660	4.416	ug/l 93
26) 2,2-Dichloropropane	4.471	77	2566	0.978	ug/l 76
27) cis-1,2-Dichloroethene	4.489	96	1825	0.893	ug/l 91
28) Bromochloromethane	4.910	49	1702	1.071	ug/l # 75
29) Tetrahydrofuran	5.026	42	4014	4.716	ug/l 99
30) Chloroform	5.093	83	3132	0.976	ug/l 94
32) 1,1,1-Trichloroethane	5.379	97	2721	1.000	ug/l # 50
36) 1,1-Dichloropropene	5.684	75	2399	1.006	ug/l 94
37) Ethyl Acetate	4.721	43	2426m	0.915	ug/l
38) Carbon Tetrachloride	5.666	117	2322	0.994	ug/l # 74
39) Methylcyclohexane	7.379	83	2589	0.840	ug/l 96
40) Benzene	6.038	78	6963	0.935	ug/l 94
41) Methacrylonitrile	4.958	41	1205m	0.849	ug/l
42) 1,2-Dichloroethane	6.099	62	2120	0.894	ug/l 84
43) Isopropyl Acetate	6.355	43	3839	0.897	ug/l # 88
44) Trichloroethene	7.135	130	1487	0.874	ug/l 76
45) 1,2-Dichloropropane	7.440	63	1746	0.943	ug/l # 86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
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 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 03:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:33:20 2025
 Response via : Initial Calibration

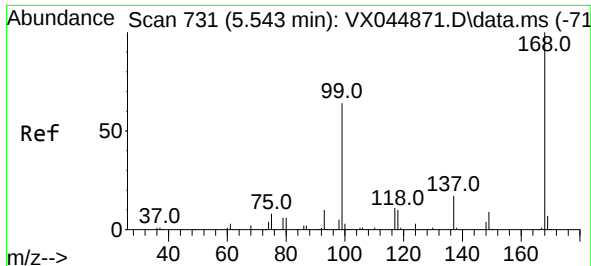
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	1202	0.936	ug/l	95
47) Bromodichloromethane	7.818	83	2176	0.875	ug/l	93
48) Methyl methacrylate	7.720	41	1675	0.830	ug/l	92
49) 1,4-Dioxane	7.696	88	867	20.015	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	11169	4.290	ug/l	96
52) Toluene	8.714	92	3943	0.889	ug/l	100
53) t-1,3-Dichloropropene	8.994	75	2119	0.842	ug/l	90
54) cis-1,3-Dichloropropene	8.366	75	2300	0.820	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	1558	0.914	ug/l #	86
56) Ethyl methacrylate	9.128	69	2346	0.852	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	2699	0.905	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.251	63	5401	3.996	ug/l	97
59) 2-Hexanone	9.439	43	7952	4.240	ug/l	95
60) Dibromochloromethane	9.525	129	1613	0.885	ug/l	96
61) 1,2-Dibromoethane	9.610	107	1534	0.888	ug/l	97
64) Tetrachloroethene	9.275	164	1339	0.971	ug/l	91
65) Chlorobenzene	10.080	112	4234	0.902	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	1320	0.874	ug/l #	64
67) Ethyl Benzene	10.195	91	7388	0.892	ug/l	98
68) m/p-Xylenes	10.299	106	5387	1.763	ug/l	100
69) o-Xylene	10.640	106	2889	0.942	ug/l	97
70) Styrene	10.659	104	3974	0.804	ug/l	97
71) Bromoform	10.799	173	813	0.721	ug/l #	95
73) Isopropylbenzene	10.964	105	6778	0.928	ug/l	99
74) N-amyl acetate	10.848	43	2596	0.785	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	2594	1.033	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	1898m	0.943	ug/l	
77) Bromobenzene	11.201	156	1537	0.928	ug/l	90
78) n-propylbenzene	11.305	91	7347	0.871	ug/l	98
79) 2-Chlorotoluene	11.366	91	5188	1.001	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	5410	0.913	ug/l	98
82) 4-Chlorotoluene	11.457	91	5367	0.936	ug/l	99
83) tert-Butylbenzene	11.713	119	5620	0.937	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	4876	0.833	ug/l	88
85) sec-Butylbenzene	11.890	105	6700	0.902	ug/l	99
86) p-Isopropyltoluene	12.006	119	5161	0.864	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2933	0.963	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	3016m	0.979	ug/l	
89) n-Butylbenzene	12.335	91	3880	0.734	ug/l	93
90) Hexachloroethane	12.536	117	968	0.866	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	2744	0.917	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	367	0.801	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1560	0.861	ug/l	86
94) Hexachlorobutadiene	13.725	225	695	0.966	ug/l	99
95) Naphthalene	13.780	128	5125	0.783	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	1557	0.853	ug/l	93

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

Manual Integrations

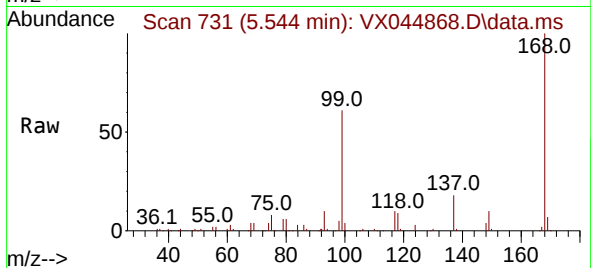
Quant Time: Feb 11 03:33:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:33:20 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

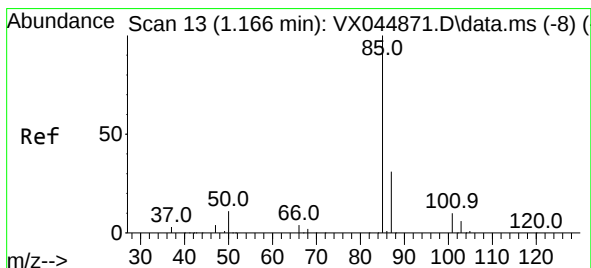
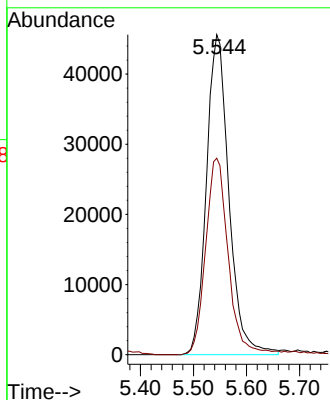
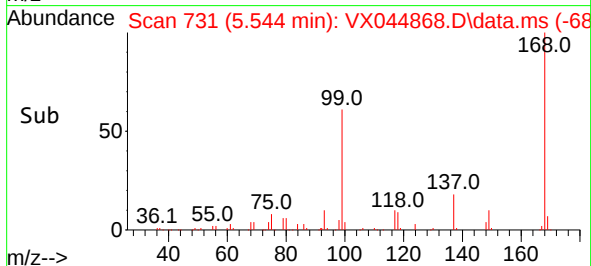
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 134134
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8

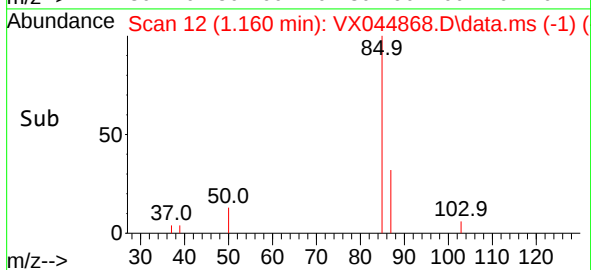
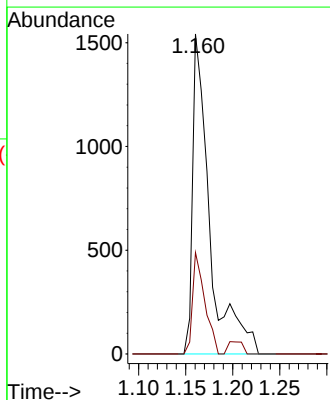
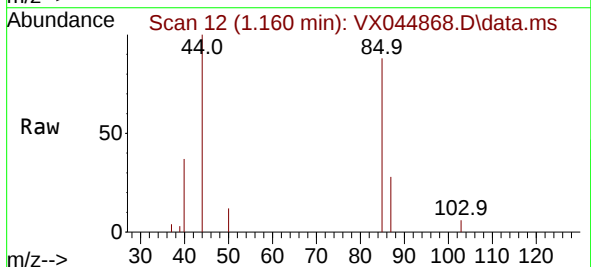
Manual Integrations
APPROVED

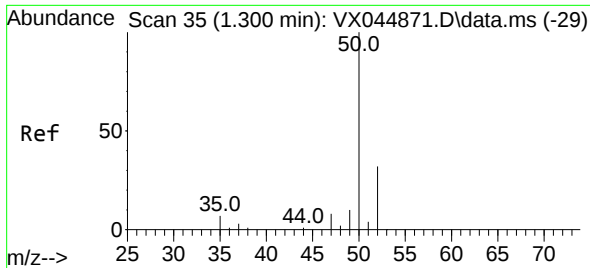
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 1.031 ug/l m
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Tgt Ion: 85 Resp: 1939
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.3





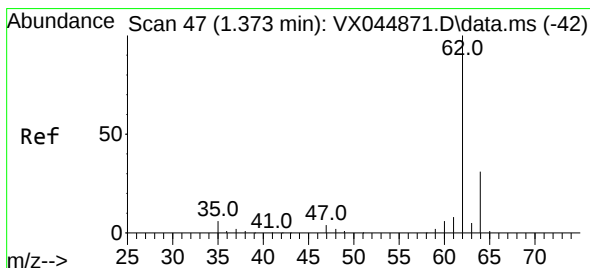
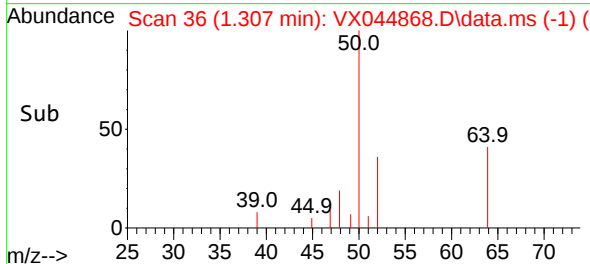
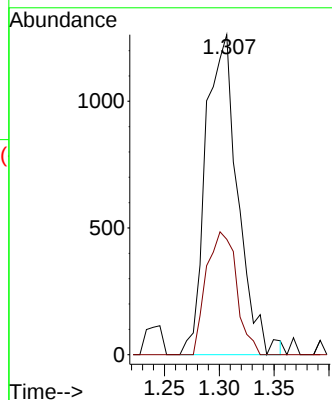
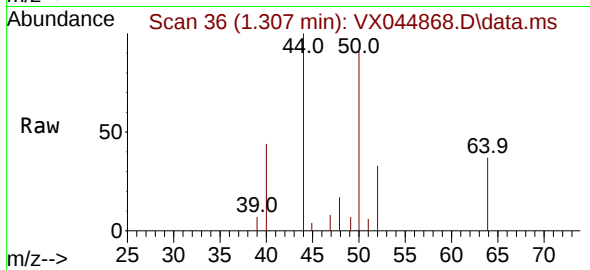
#3
Chloromethane
Concen: 1.123 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 257
Ion Ratio Lower Upper
50 100
52 36.0 25.9 38.9

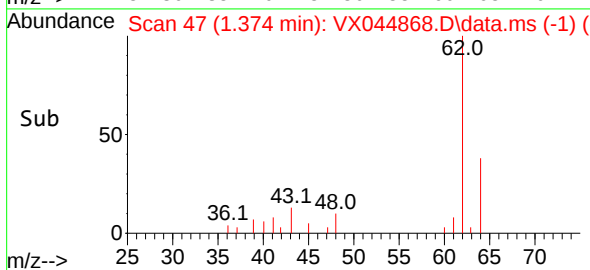
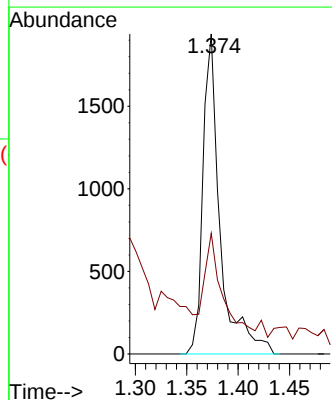
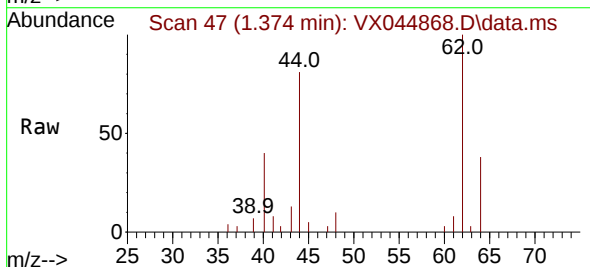
Manual Integrations
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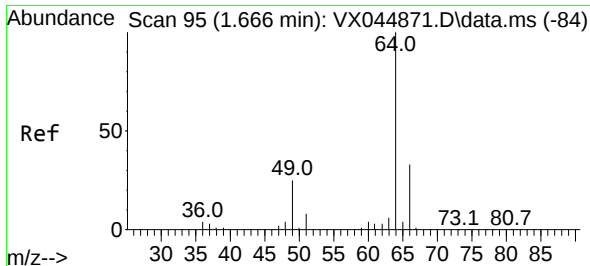
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Vinyl Chloride
Concen: 1.015 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

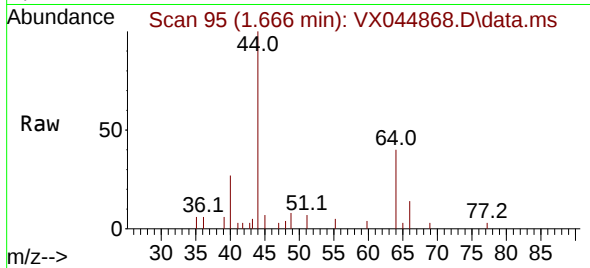
Tgt Ion: 62 Resp: 2252
Ion Ratio Lower Upper
62 100
64 29.4 25.4 38.0





#6
Chloroethane
Concen: 2.592 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

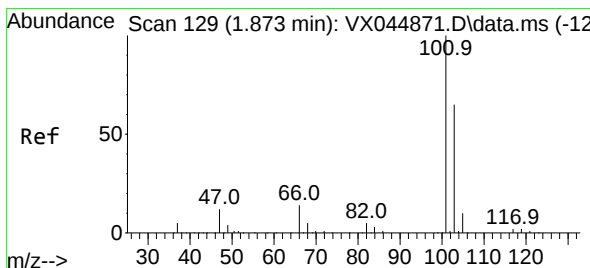
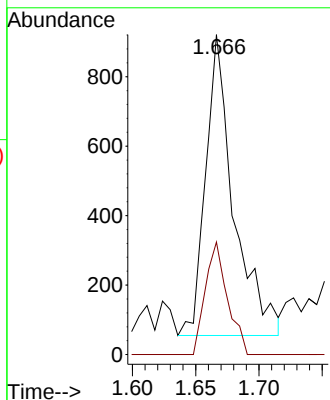
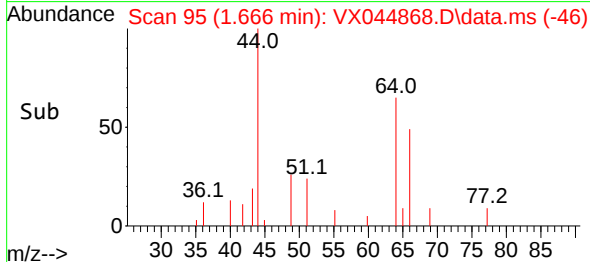
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 37.4 25.9 38.9

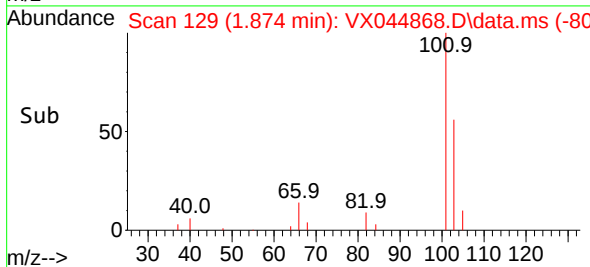
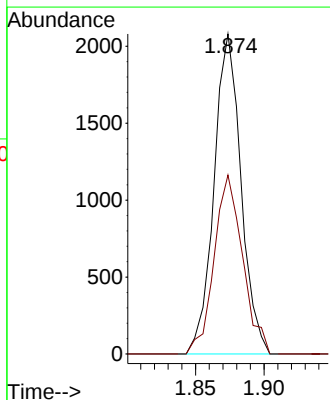
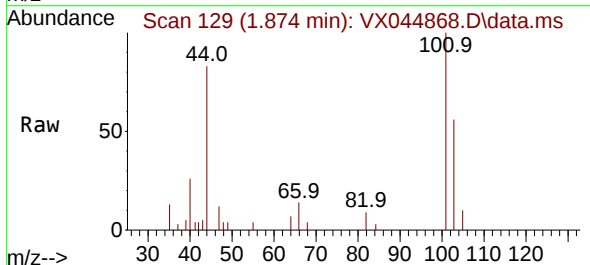
Manual Integrations
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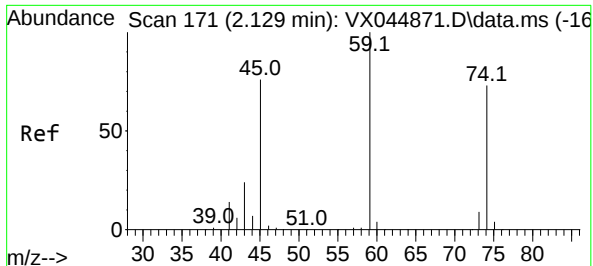
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#7
Trichlorofluoromethane
Concen: 1.016 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.001 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

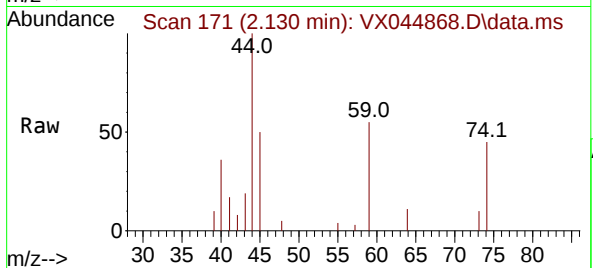
Tgt Ion:101 Resp: 2849
Ion Ratio Lower Upper
101 100
103 55.9 52.4 78.6





#8
Diethyl Ether
Concen: 1.014 ug/l
RT: 2.130 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

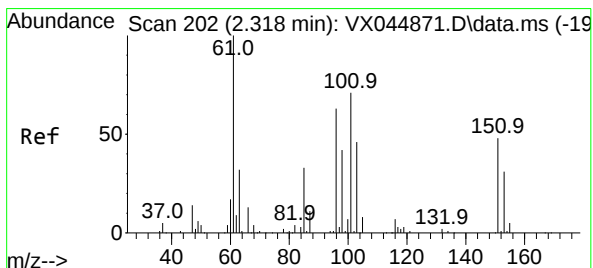
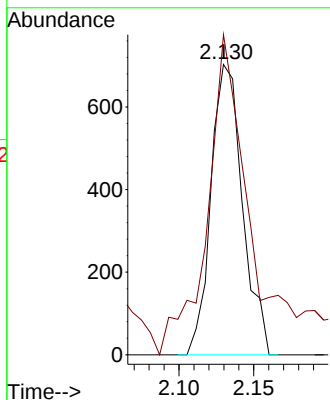
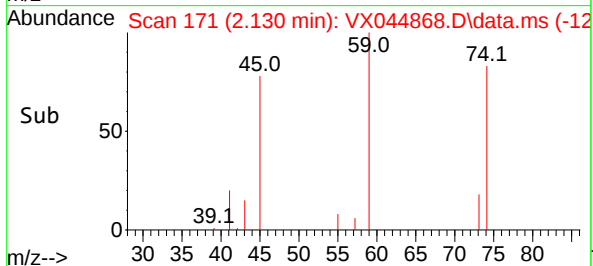
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



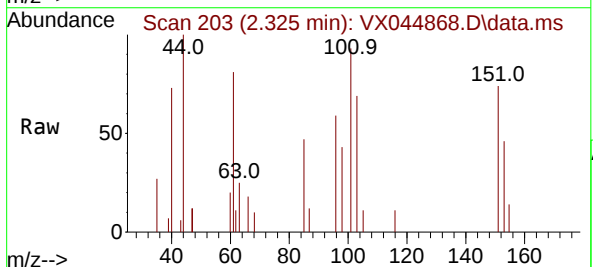
Tgt Ion: 74 Resp: 103
Ion Ratio Lower Upper
74 100
45 166.1 51.1 153.4

Manual Integrations
APPROVED

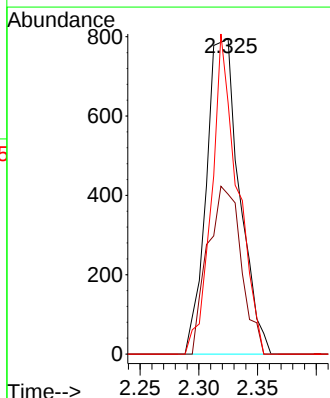
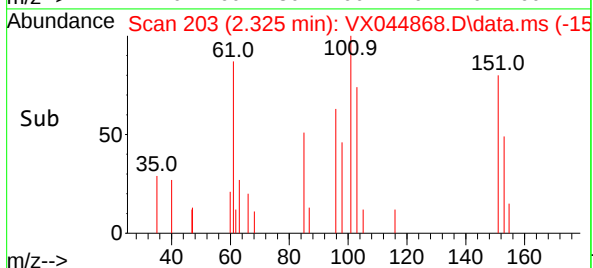
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

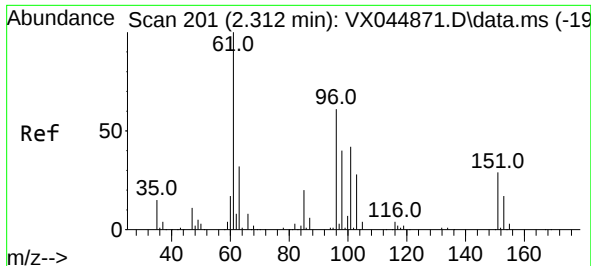


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.923 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion:101 Resp: 1564
Ion Ratio Lower Upper
101 100
85 53.6 35.7 53.5#
151 79.3 56.0 84.0





#12

1,1-Dichloroethene

Concen: 1.005 ug/l

RT: 2.307 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

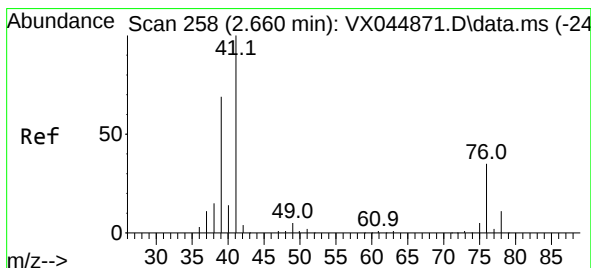
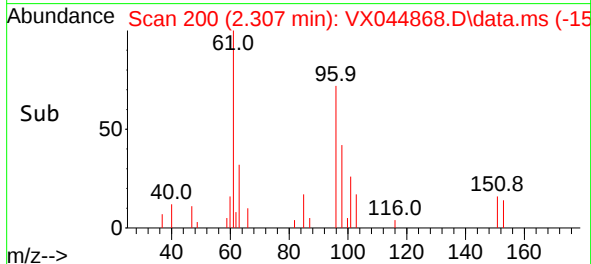
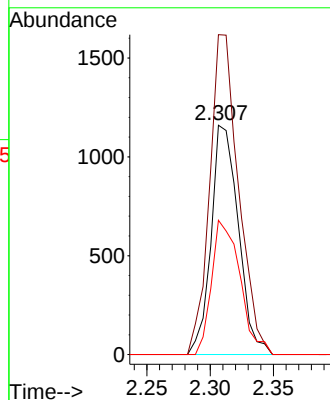
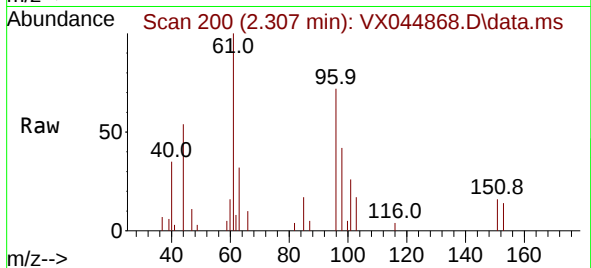
Tgt Ion:	96	Resp:	173
Ion	Ratio	Lower	Upper
96	100		
61	139.5	130.2	195.4
98	58.5	52.2	78.4

Manual Integrations

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Supervised By :Mahesh Dadoda 02/11/2025



#14

Allyl chloride

Concen: 1.013 ug/l

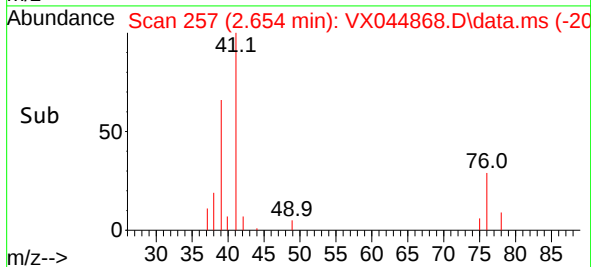
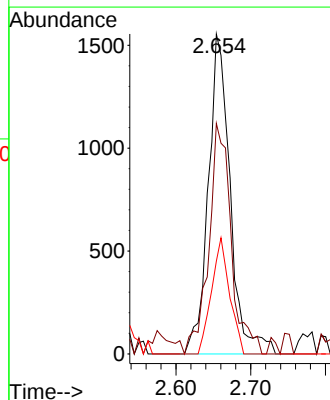
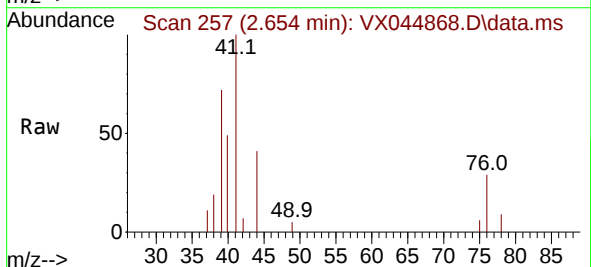
RT: 2.654 min Scan# 257

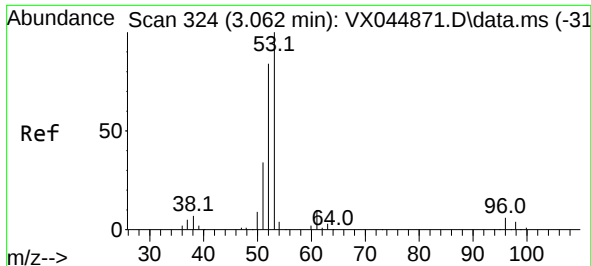
Delta R.T. -0.006 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

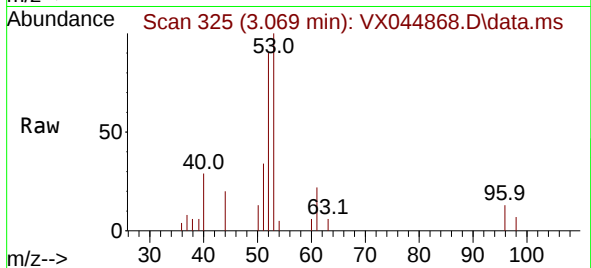
Tgt Ion:	41	Resp:	3164
Ion	Ratio	Lower	Upper
41	100		
39	73.5	51.4	77.2
76	29.9	27.0	40.4





#15
Acrylonitrile
Concen: 4.655 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

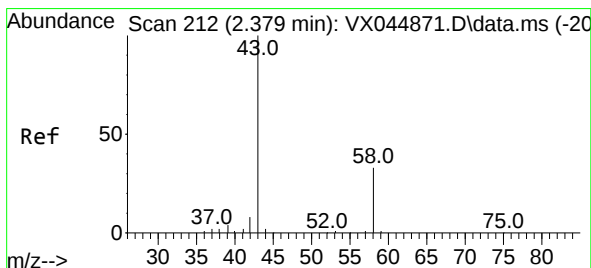
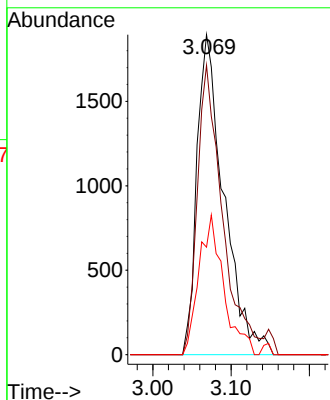
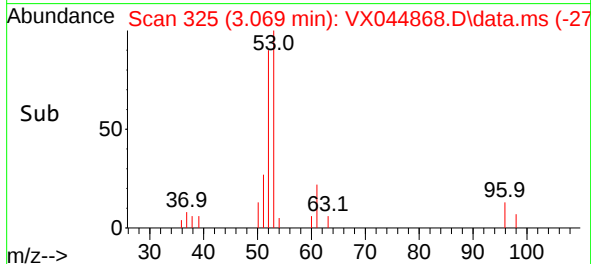
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



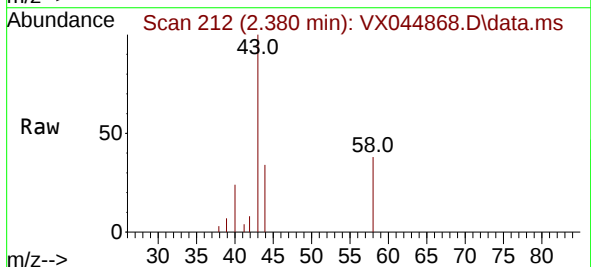
Tgt Ion: 53 Resp: 452
Ion Ratio Lower Upper
53 100
52 84.7 65.0 97.6
51 40.0 28.0 42.0

Manual Integrations
APPROVED

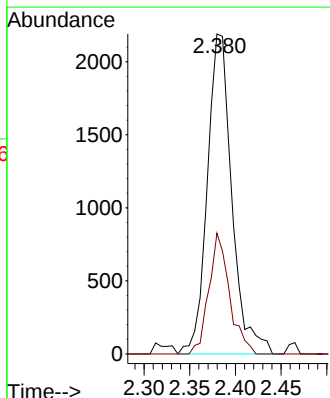
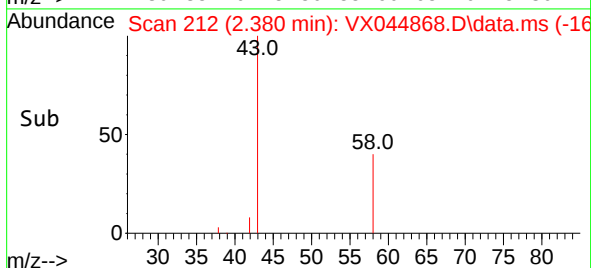
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

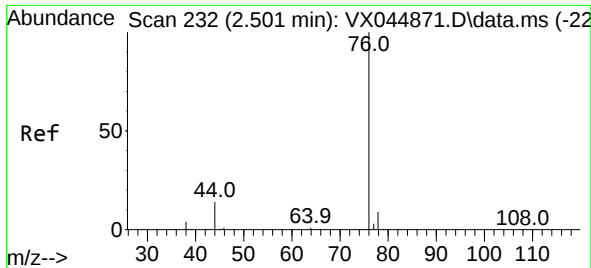


#16
Acetone
Concen: 5.188 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
58 37.8 26.5 39.7





#17

Carbon Disulfide

Concen: 0.956 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 453

Ion Ratio Lower Upper

76 100

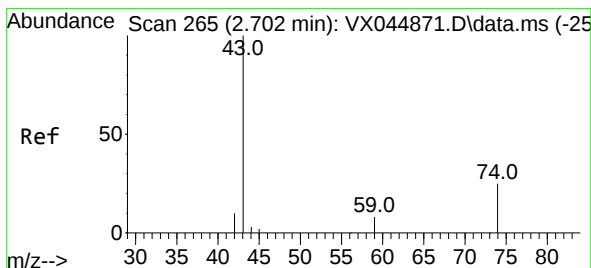
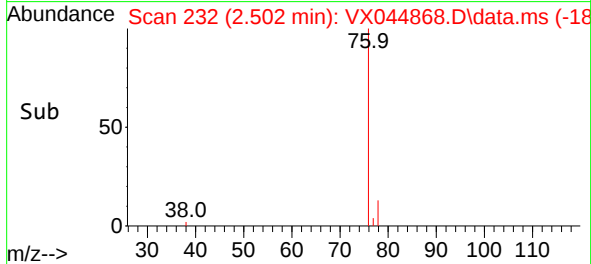
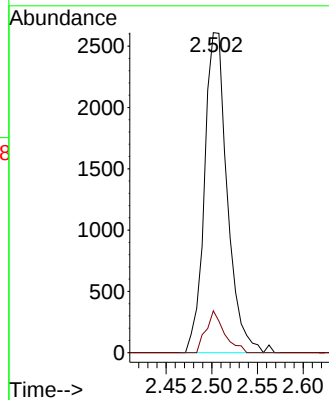
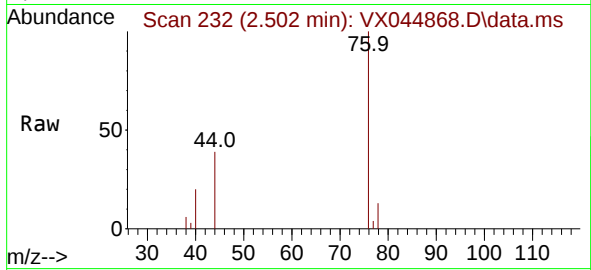
78 13.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#18

Methyl Acetate

Concen: 0.950 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX044868.D

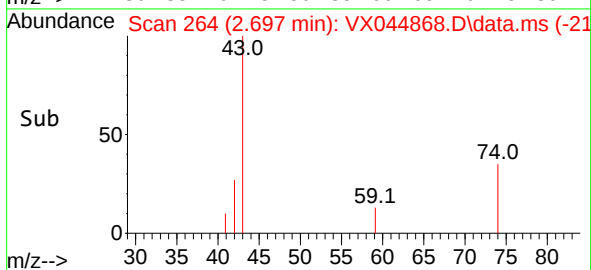
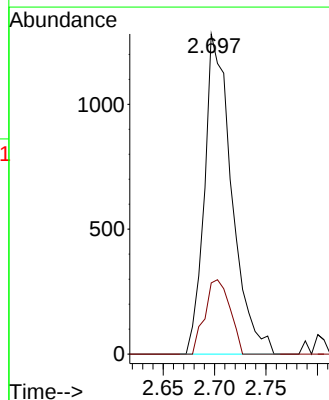
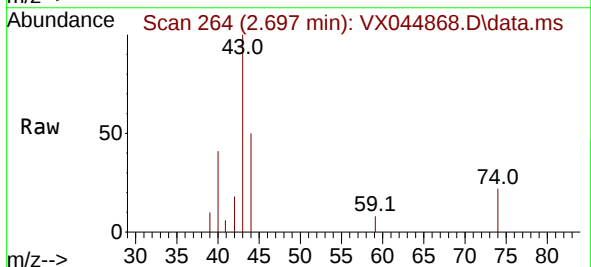
Acq: 10 Feb 2025 10:25

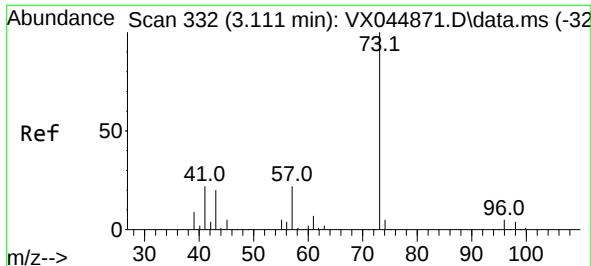
Tgt Ion: 43 Resp: 2367

Ion Ratio Lower Upper

43 100

74 21.3 18.9 28.3





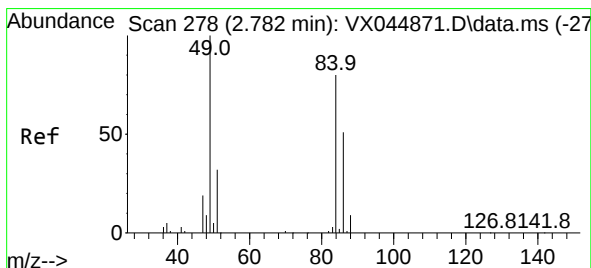
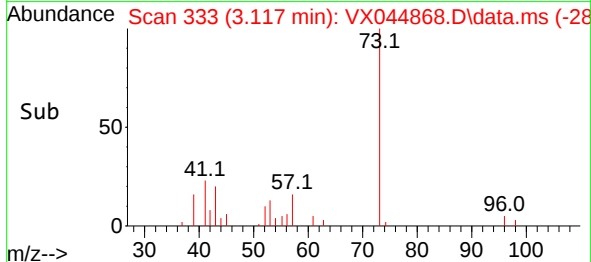
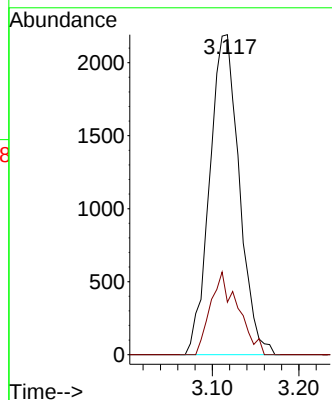
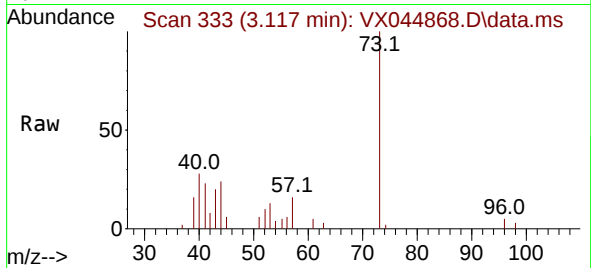
#19
Methyl tert-butyl Ether
Concen: 0.946 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 5200
Ion Ratio Lower Upper
73 100
57 16.4 17.9 26.9

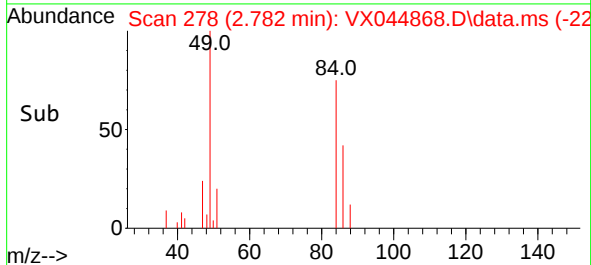
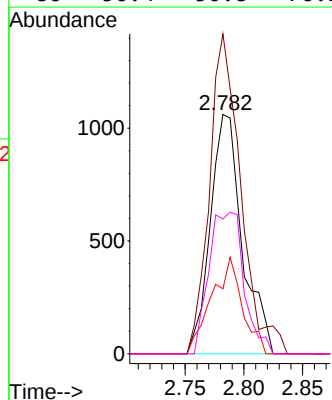
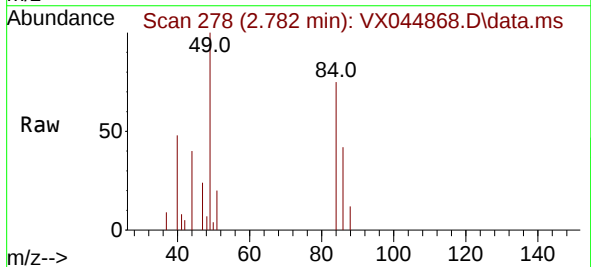
Manual Integrations
APPROVED

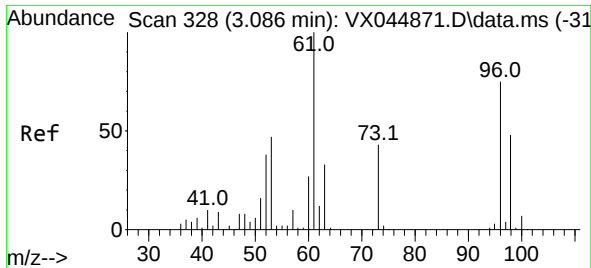
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

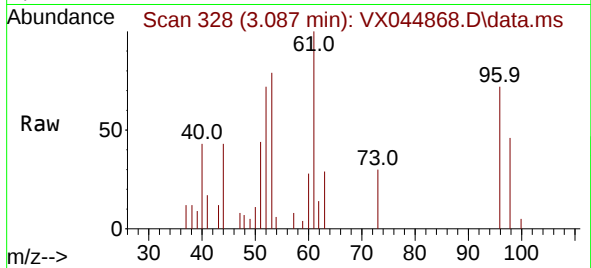
Tgt Ion: 84 Resp: 2005
Ion Ratio Lower Upper
84 100
49 133.6 100.1 150.1
51 27.1 31.7 47.5#
86 56.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 0.959 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

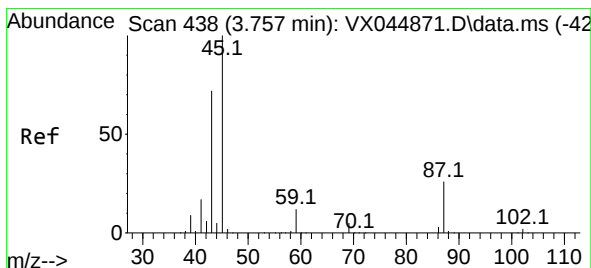
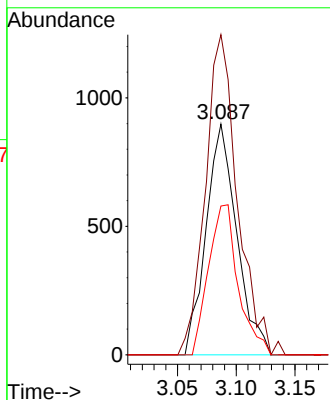
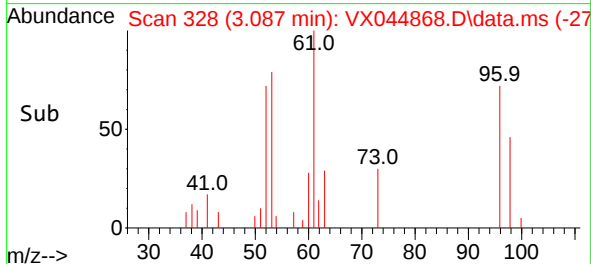
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



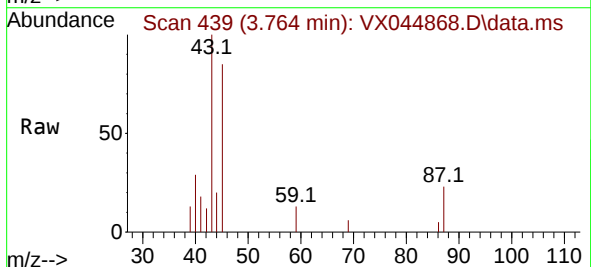
Tgt Ion: 96 Resp: 163
Ion Ratio Lower Upper
96 100
61 138.8 106.0 159.0
98 64.5 50.6 76.0

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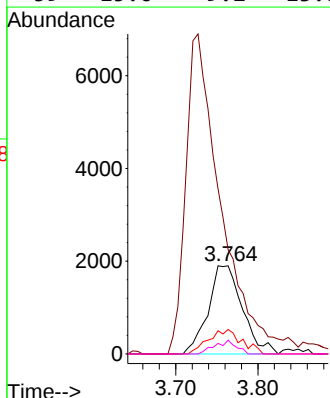
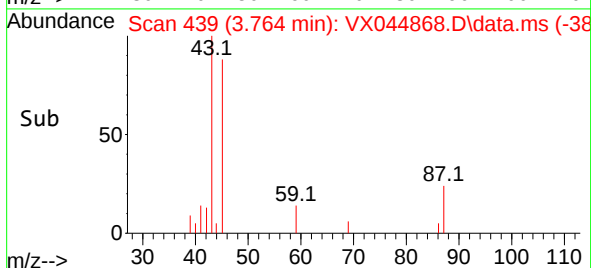
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

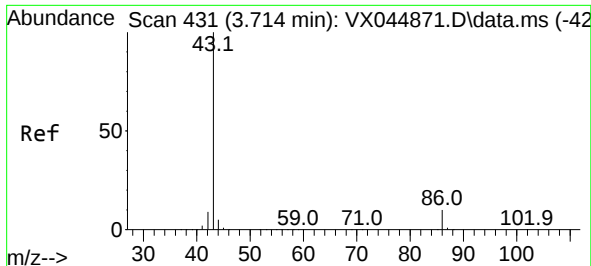


#22
Diisopropyl ether
Concen: 0.930 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion: 45 Resp: 5496
Ion Ratio Lower Upper
45 100
43 101.2 58.0 87.0#
87 27.8 20.7 31.1
59 15.6 9.2 13.8#





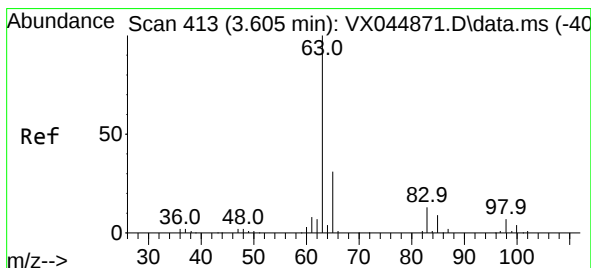
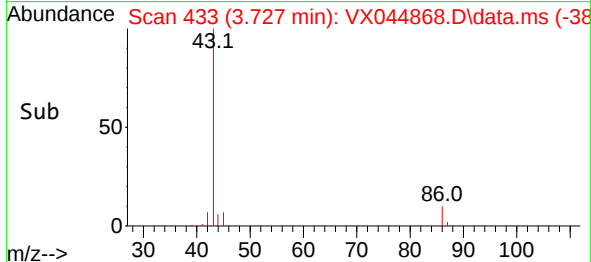
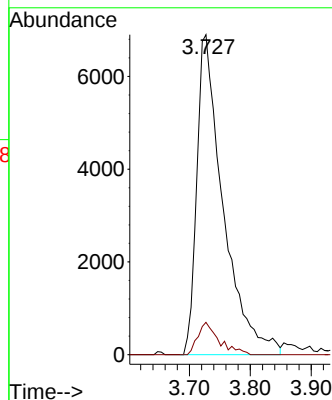
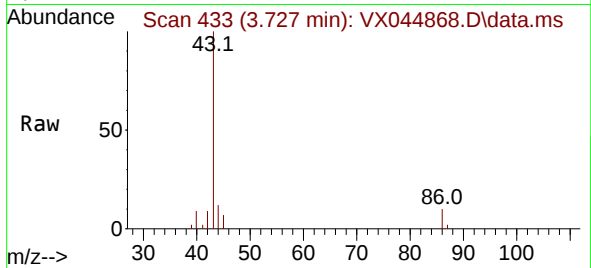
#23
 Vinyl Acetate
 Concen: 4.288 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.013 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 2066
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5

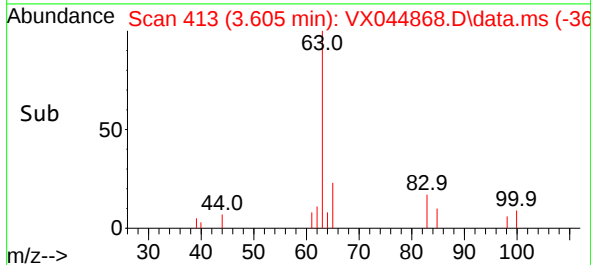
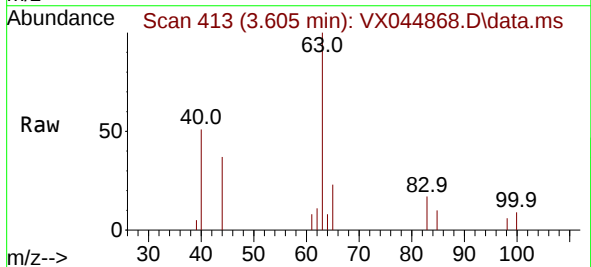
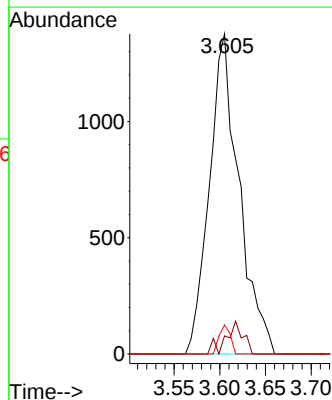
Manual Integrations
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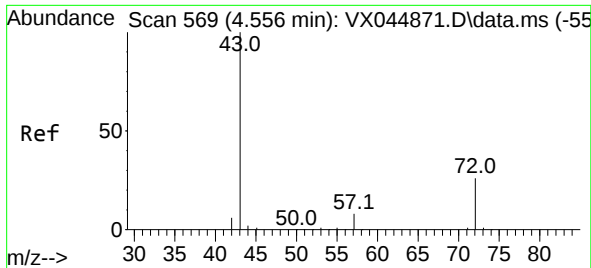
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 0.937 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

Tgt Ion: 63 Resp: 3099
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 9.1 2.1 6.5#





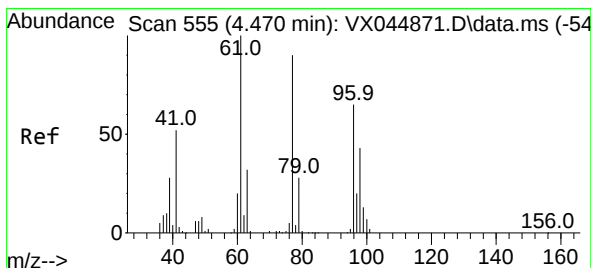
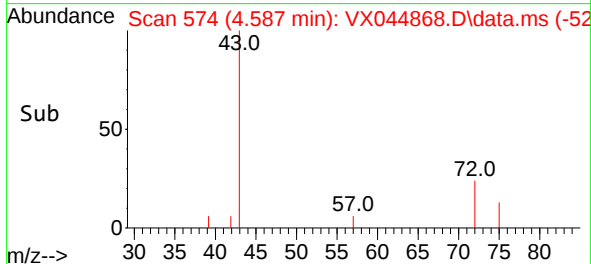
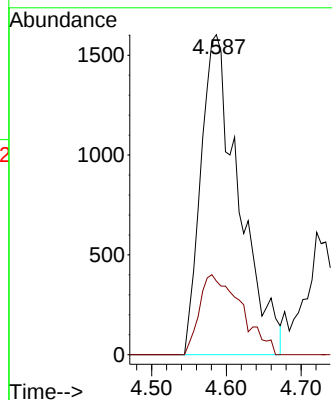
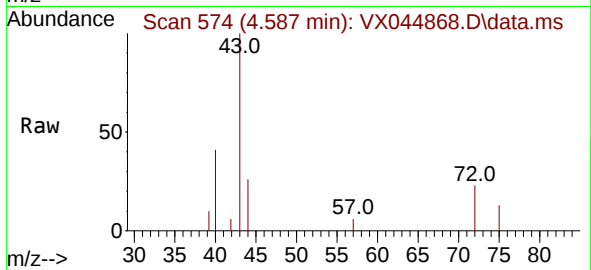
#25
2-Butanone
Concen: 4.416 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
72 23.0 21.2 31.8

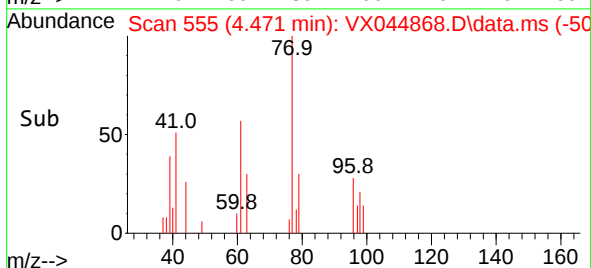
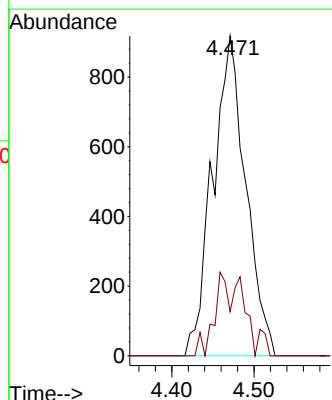
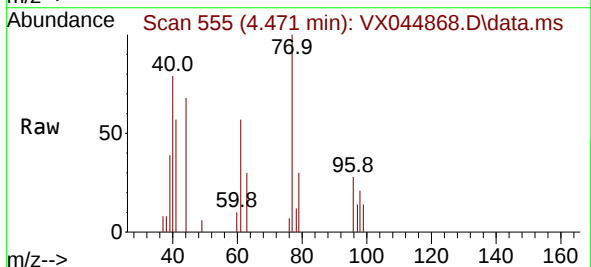
Manual Integrations
APPROVED

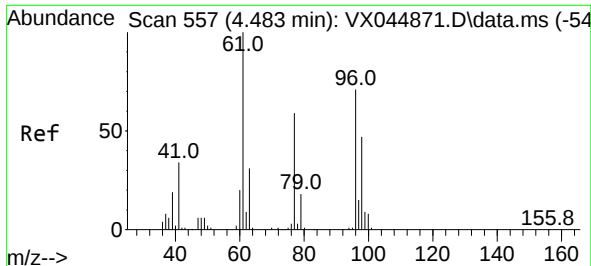
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 0.978 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Tgt Ion: 77 Resp: 2566
Ion Ratio Lower Upper
77 100
97 11.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.893 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

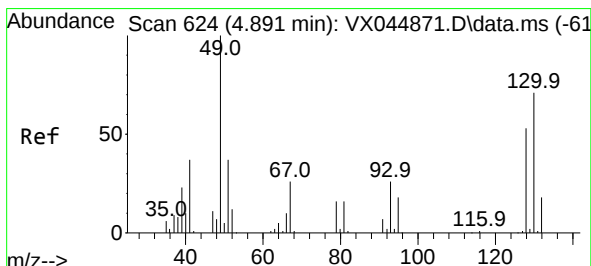
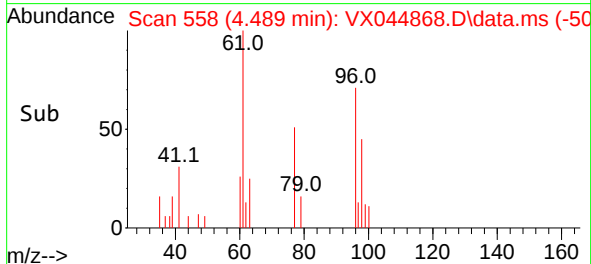
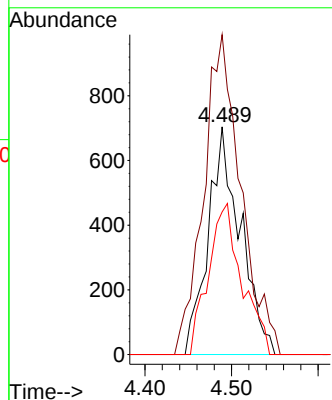
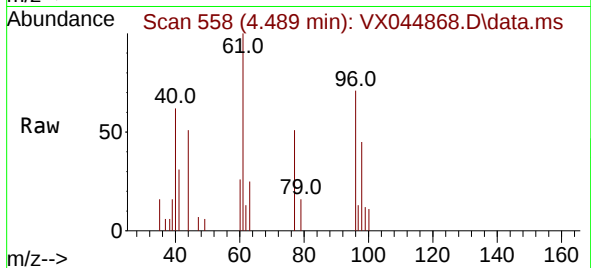
Tgt Ion: 96	Resp: 182
Ion Ratio	Lower Upper
96 100	
61 161.6	0.0 294.0
98 68.9	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 1.071 ug/l

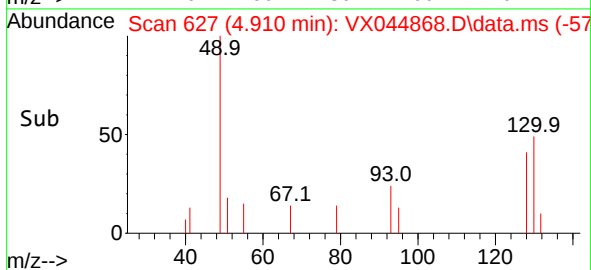
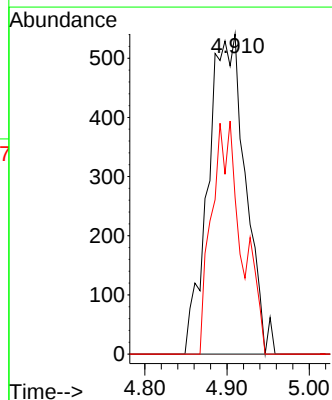
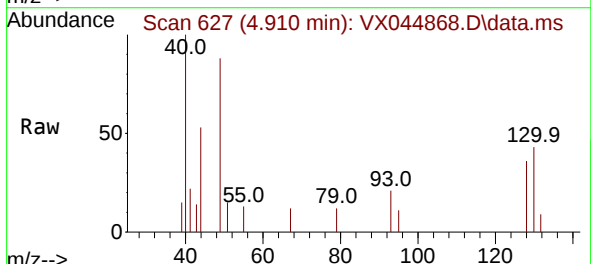
RT: 4.910 min Scan# 627

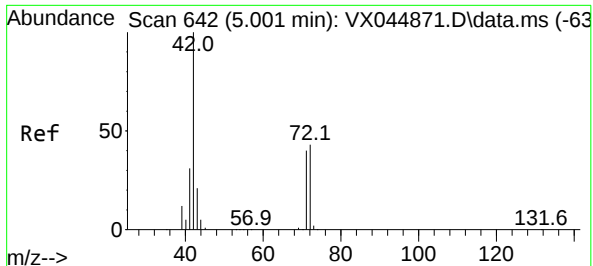
Delta R.T. 0.019 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

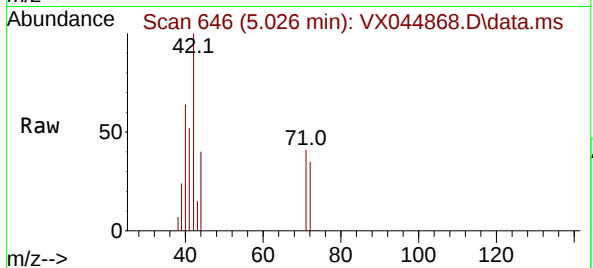
Tgt Ion: 49	Resp: 1702
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 49.6	56.7 85.1





#29
Tetrahydrofuran
Concen: 4.716 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.025 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

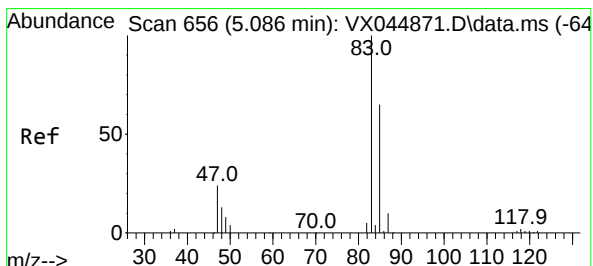
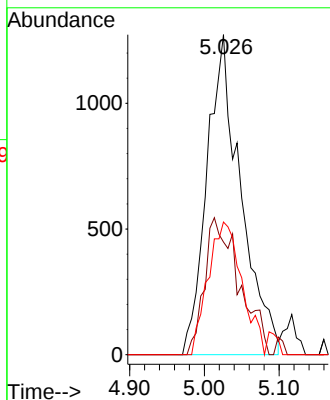
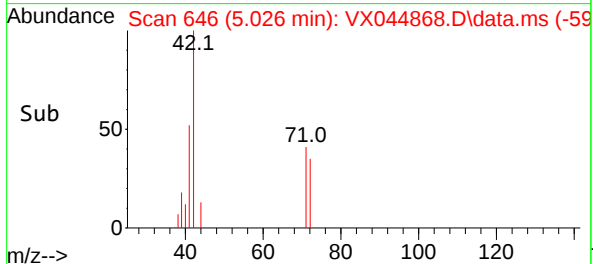
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 4014
Ion Ratio Lower Upper
42 100
72 43.8 35.0 52.4
71 41.3 32.6 48.8

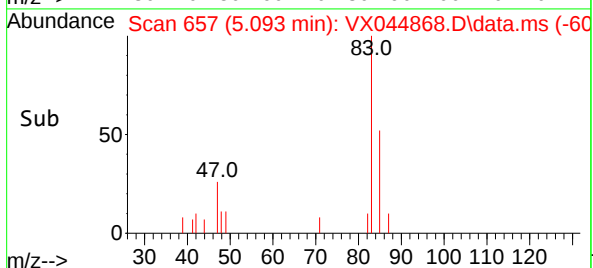
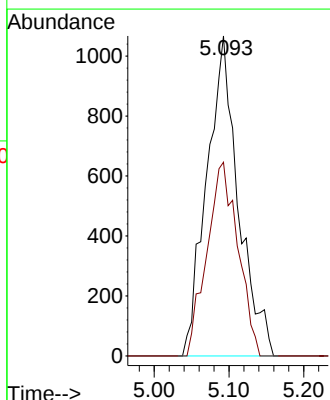
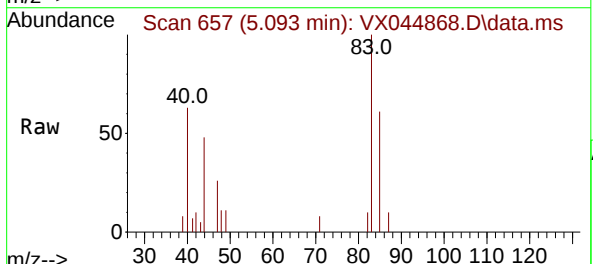
Manual Integrations
APPROVED

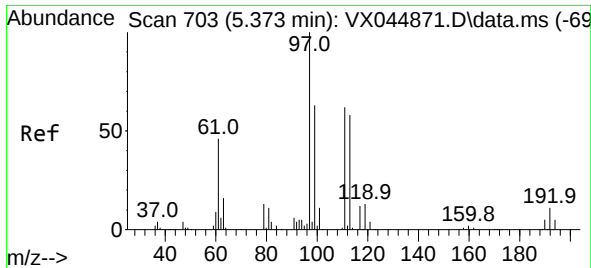
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#30
Chloroform
Concen: 0.976 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

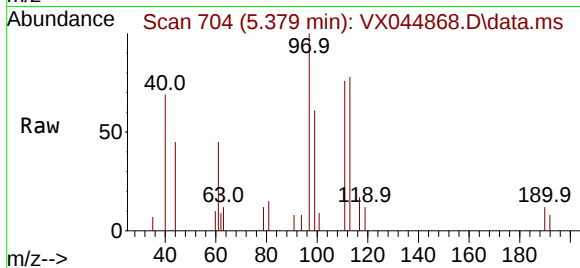
Tgt Ion: 83 Resp: 3132
Ion Ratio Lower Upper
83 100
85 60.5 52.1 78.1





#32
 1,1,1-Trichloroethane
 Concen: 1.000 ug/l
 RT: 5.379 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

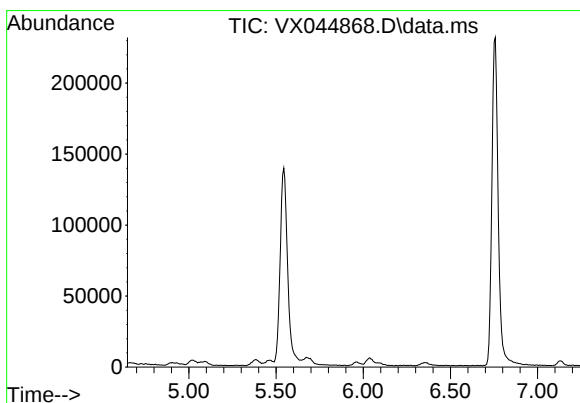
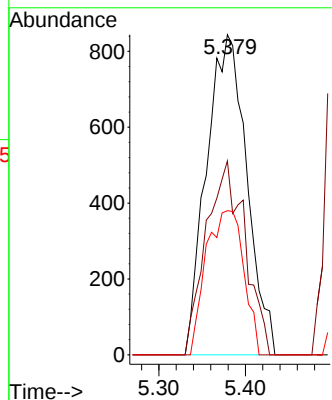
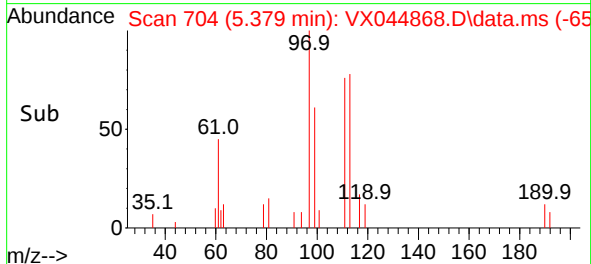
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001



Tgt Ion: 97 Resp: 272
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.6
 61 42.2 36.6 55.0

Manual Integrations
 APPROVED

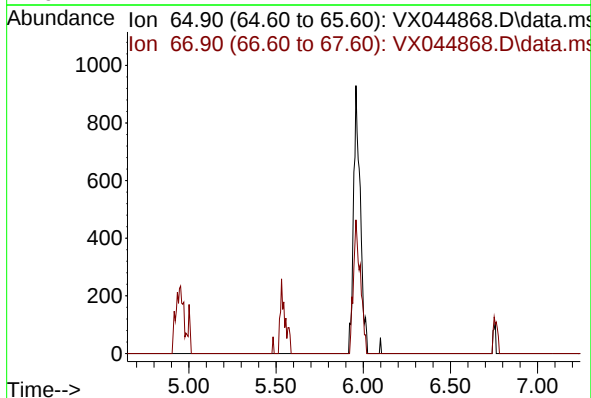
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

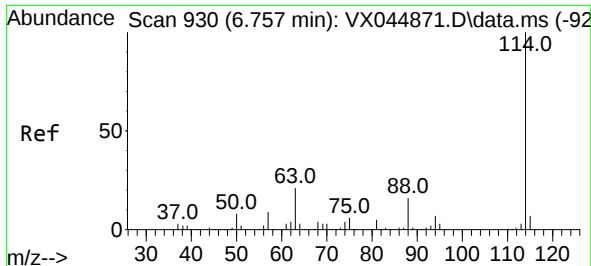


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.95 min

Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

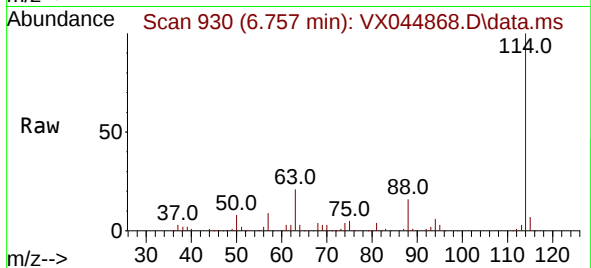
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 54.1





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

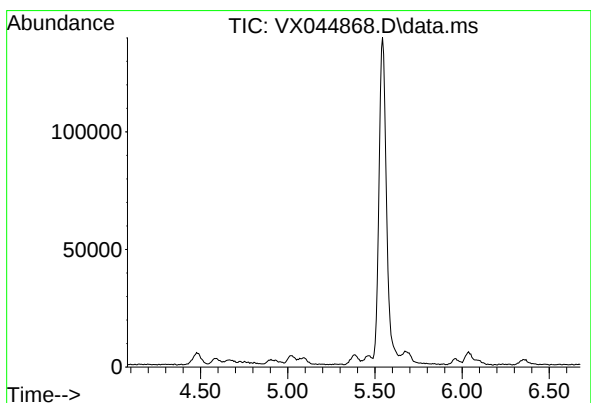
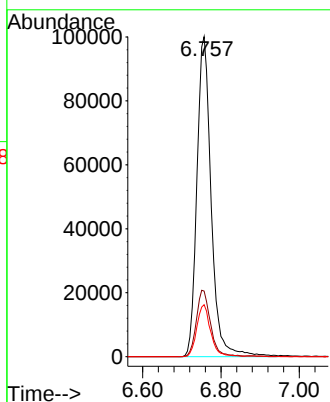
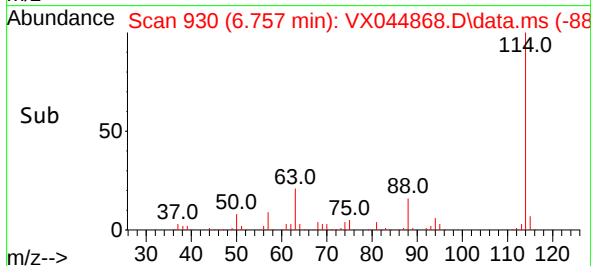
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:114 Resp: 254149
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 16.3 0.0 31.4

Manual Integrations
APPROVED

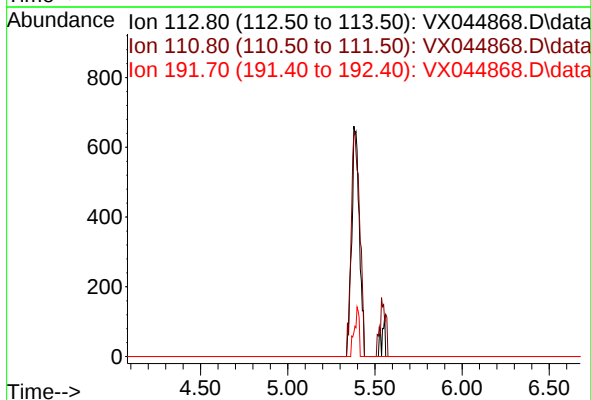
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

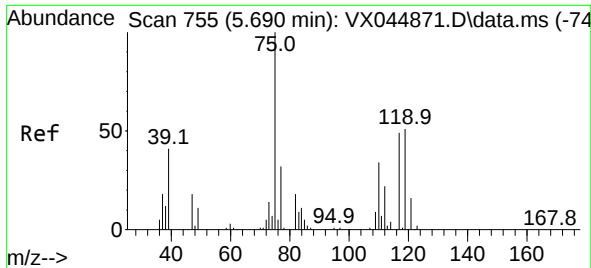


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

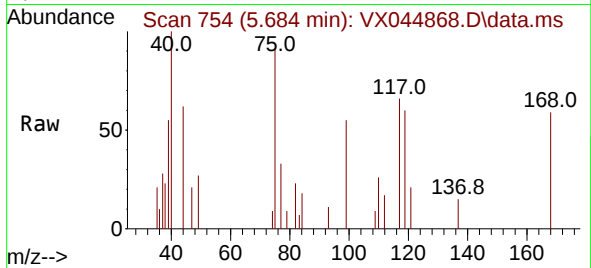
Tgt Ion: 113
Sig Exp Ratio
113 100
111 104.4
192 18.0





#36
1,1-Dichloropropene
Concen: 1.006 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

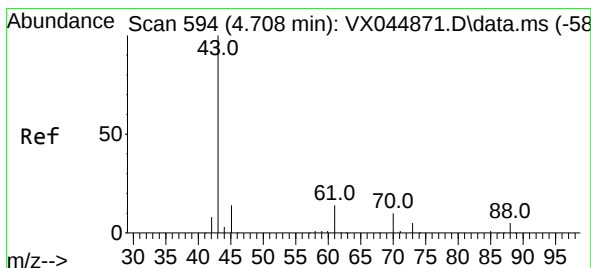
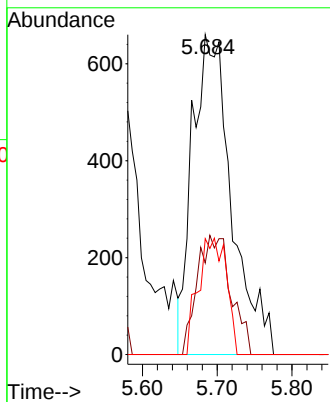
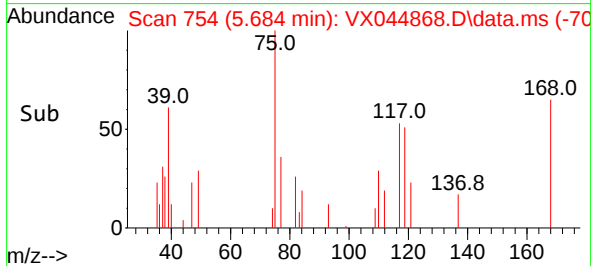
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 2399
Ion Ratio Lower Upper
75 100
110 32.1 17.2 51.6
77 26.3 24.6 37.0

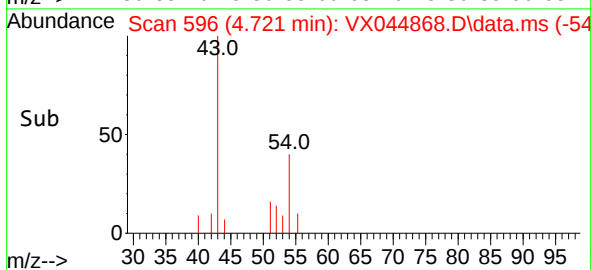
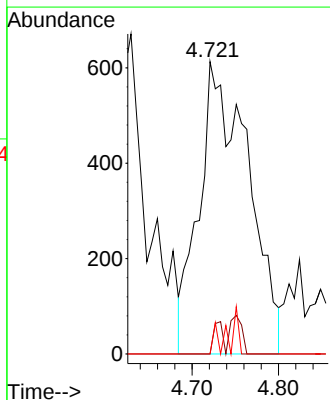
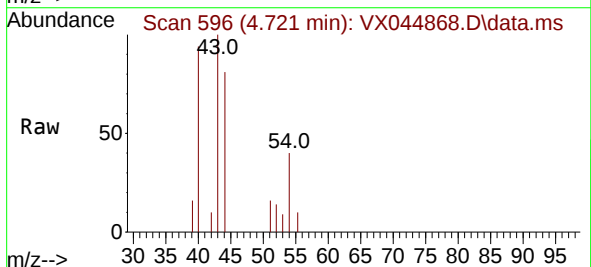
Manual Integrations
APPROVED

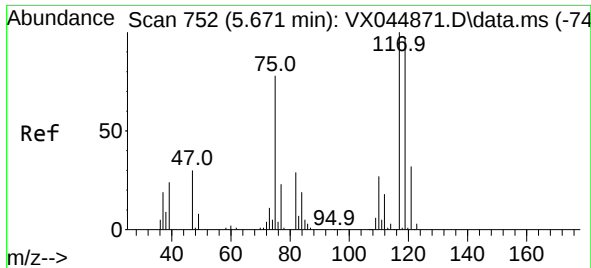
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#37
Ethyl Acetate
Concen: 0.915 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

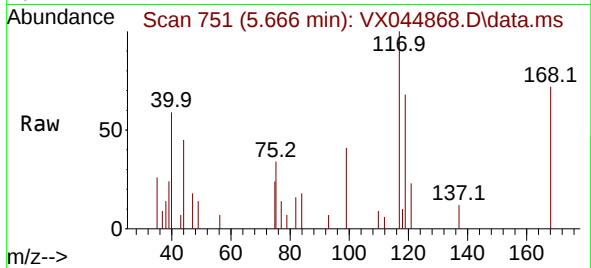
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 1.0 8.2 12.2#





#38
Carbon Tetrachloride
Concen: 0.994 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

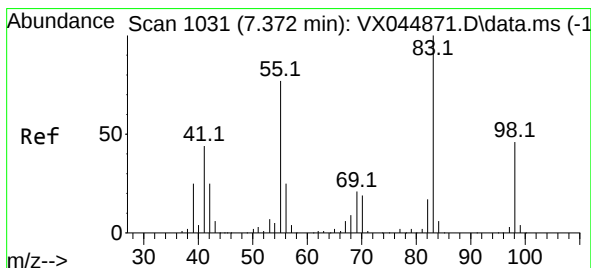
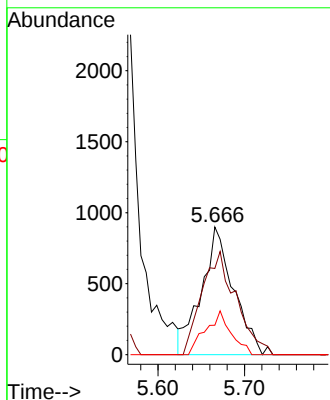
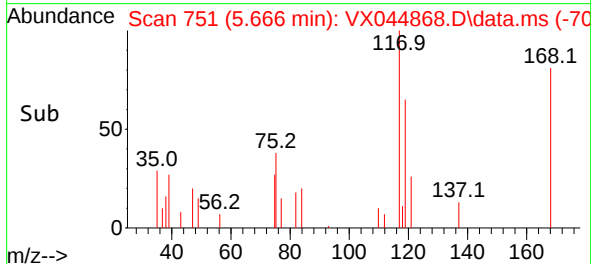
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



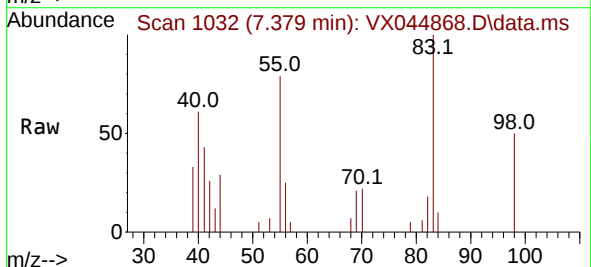
Tgt Ion: 117 Resp: 232
Ion Ratio Lower Upper
117 100
119 67.5 77.5 116.3
121 23.0 25.6 38.4

Manual Integrations
APPROVED

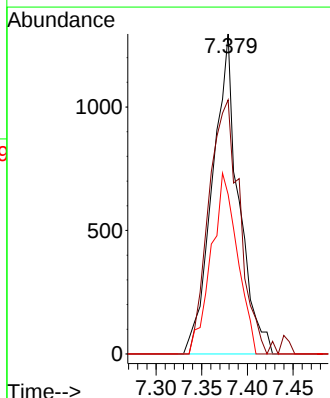
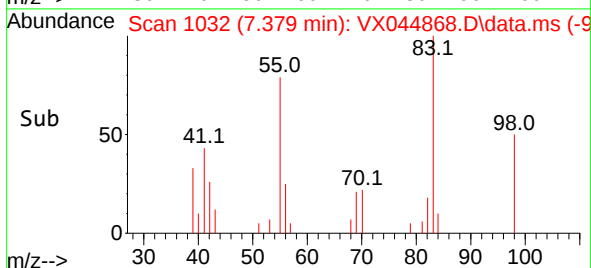
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

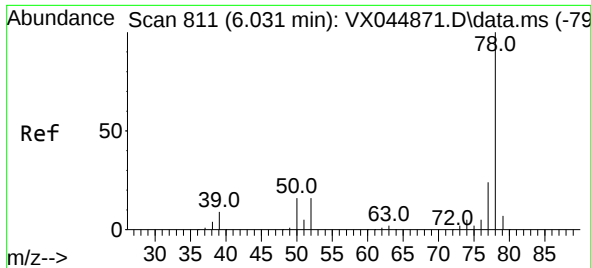


#39
Methylcyclohexane
Concen: 0.840 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion: 83 Resp: 2589
Ion Ratio Lower Upper
83 100
55 79.4 61.3 91.9
98 49.8 37.0 55.6





#40

Benzene

Concen: 0.935 ug/l

RT: 6.038 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 696

Ion Ratio Lower Upper

78 100

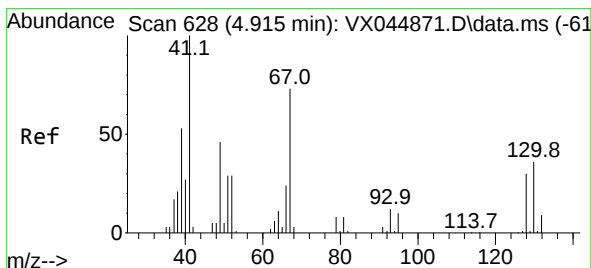
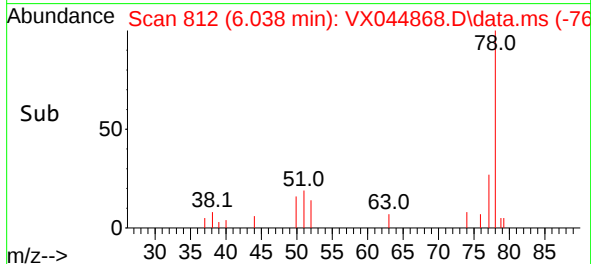
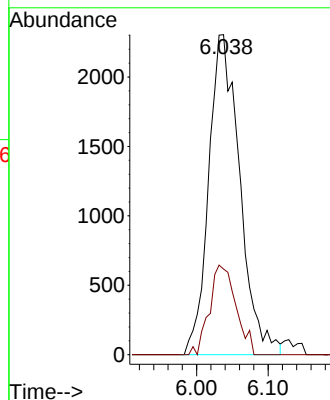
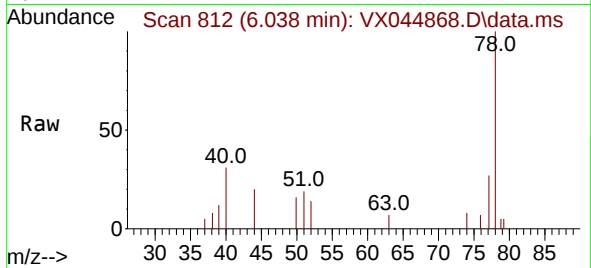
77 26.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#41

Methacrylonitrile

Concen: 0.849 ug/l m

RT: 4.958 min Scan# 635

Delta R.T. 0.043 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Tgt Ion: 41 Resp: 1205

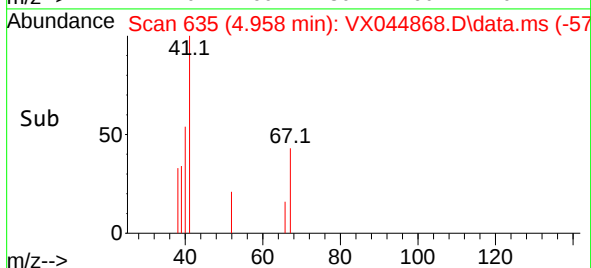
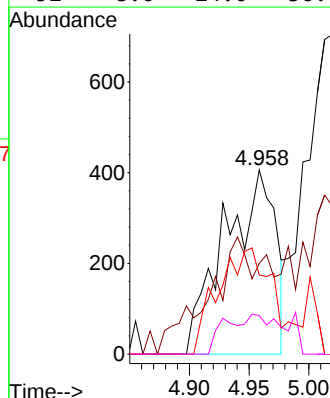
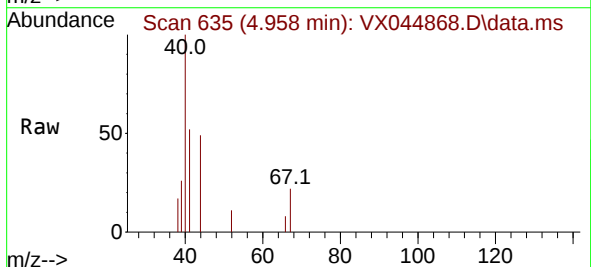
Ion Ratio Lower Upper

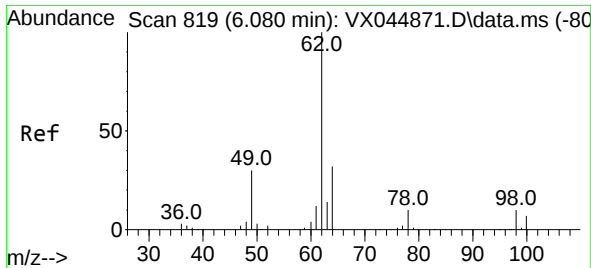
41 100

39 0.0 43.1 64.7#

67 0.0 57.0 85.6#

52 8.0 24.0 36.0#





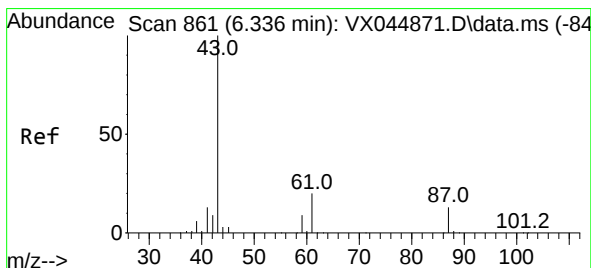
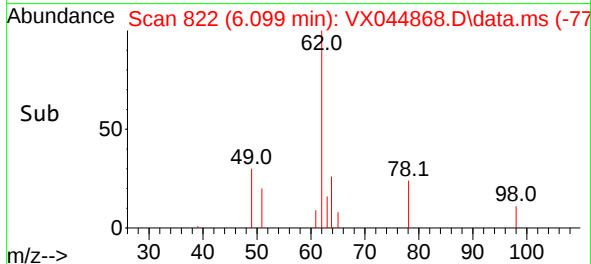
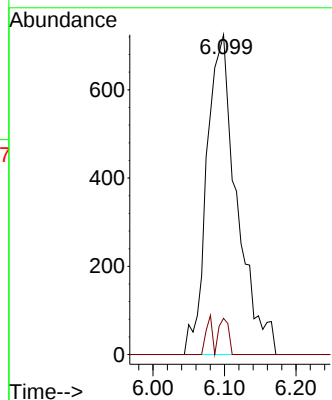
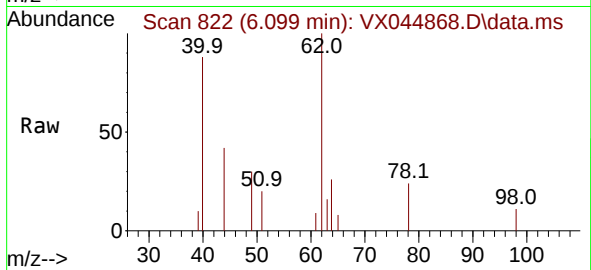
#42
1,2-Dichloroethane
Concen: 0.894 ug/l
RT: 6.099 min Scan# 819
Delta R.T. 0.019 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 2120
Ion Ratio Lower Upper
62 100
98 3.7 0.0 19.4

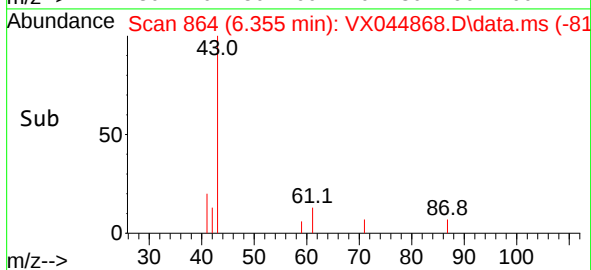
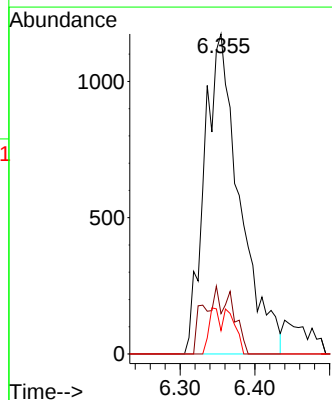
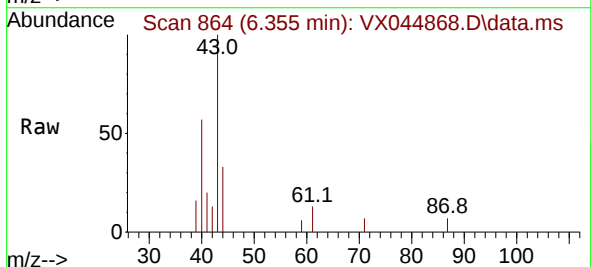
Manual Integrations
APPROVED

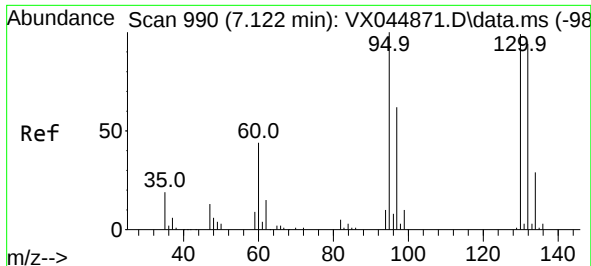
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#43
Isopropyl Acetate
Concen: 0.897 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.019 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

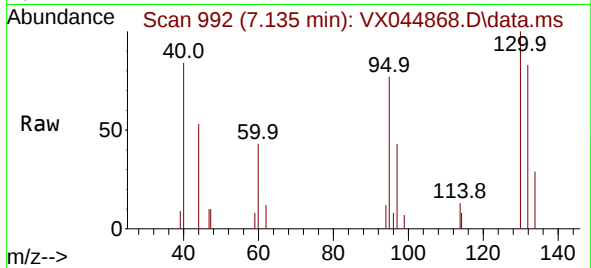
Tgt Ion: 43 Resp: 3839
Ion Ratio Lower Upper
43 100
61 16.9 15.8 23.8
87 4.6 10.0 15.0#





#44
Trichloroethene
Concen: 0.874 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.013 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

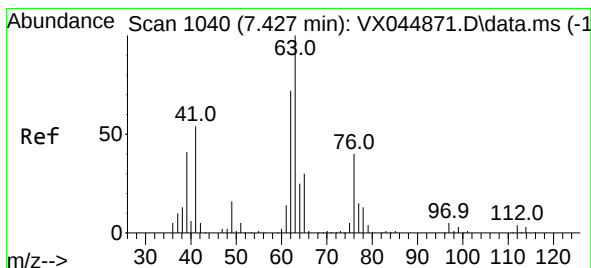
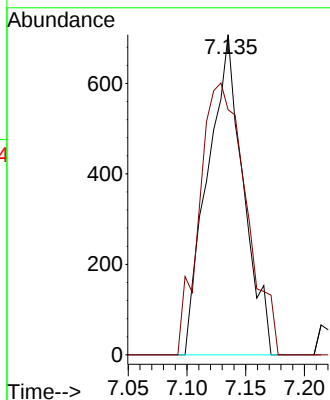
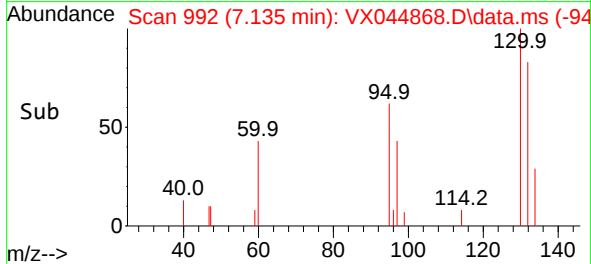
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



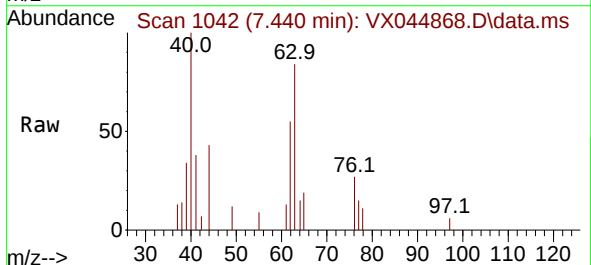
Tgt Ion:130 Resp: 148
Ion Ratio Lower Upper
130 100
95 76.6 0.0 202.4

Manual Integrations
APPROVED

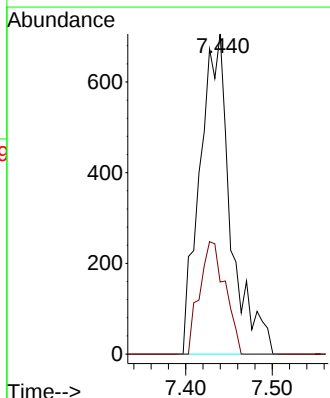
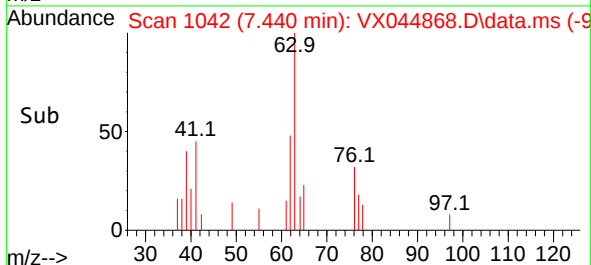
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

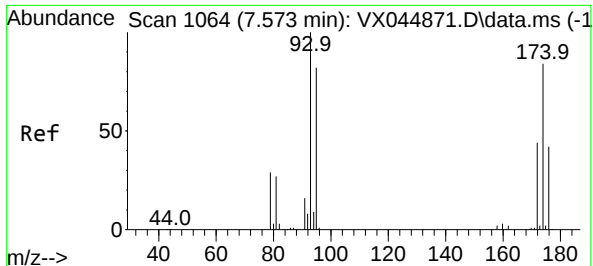


#45
1,2-Dichloropropane
Concen: 0.943 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.013 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



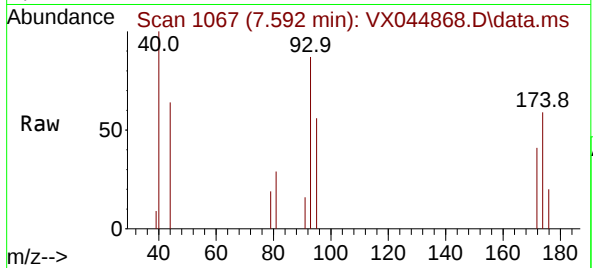
Tgt Ion: 63 Resp: 1746
Ion Ratio Lower Upper
63 100
65 22.5 24.2 36.4#





#46
Dibromomethane
Concen: 0.936 ug/l
RT: 7.592 min Scan# 1106
Delta R.T. 0.019 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

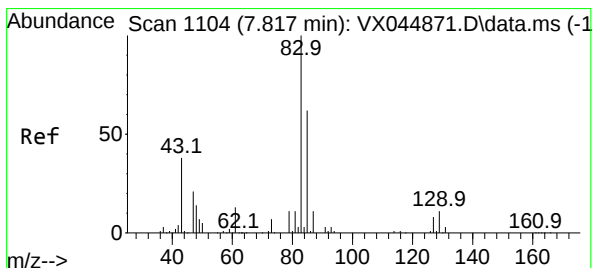
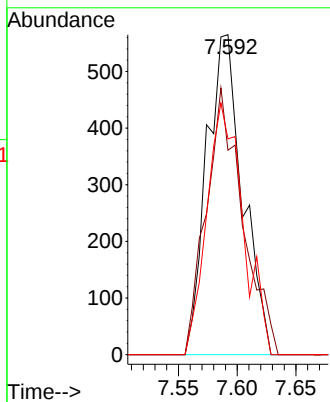
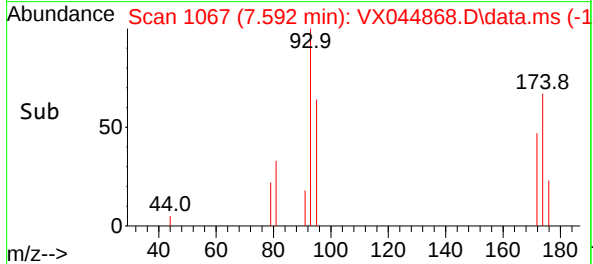
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 93 Resp: 120
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.4
174 79.3 69.9 104.9

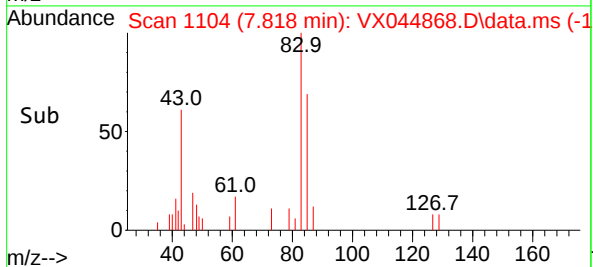
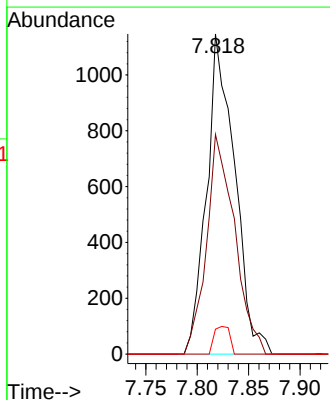
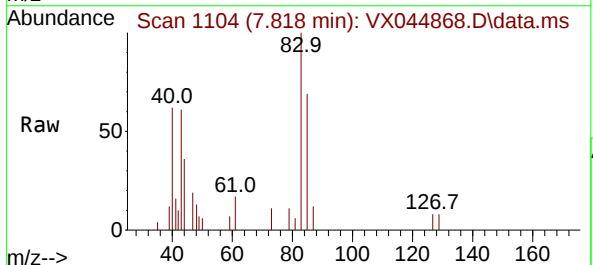
Manual Integrations
APPROVED

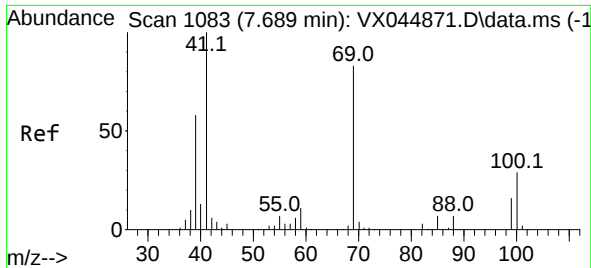
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#47
Bromodichloromethane
Concen: 0.875 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

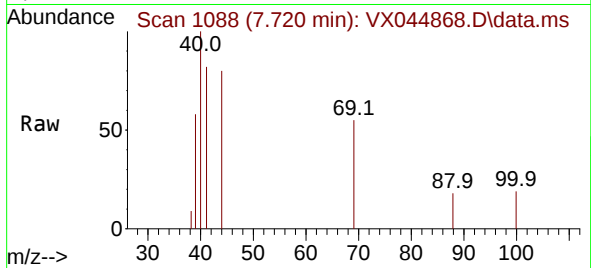
Tgt Ion: 83 Resp: 2176
Ion Ratio Lower Upper
83 100
85 68.6 50.0 75.0
127 7.8 6.4 9.6





#48
Methyl methacrylate
Concen: 0.830 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.031 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

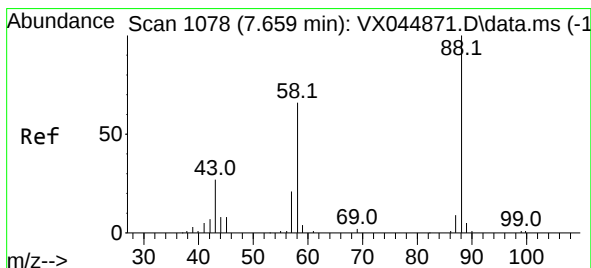
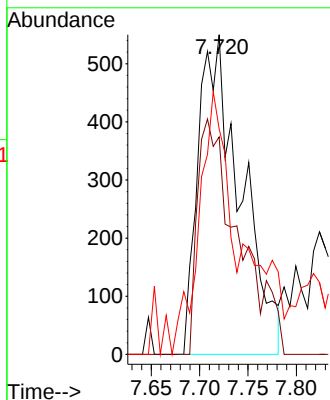
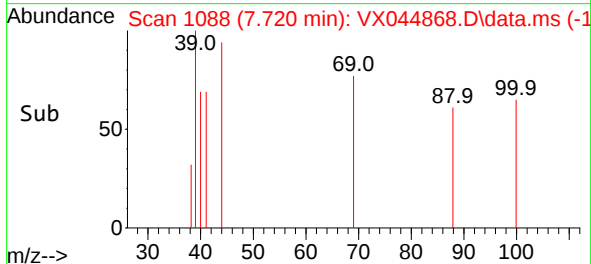
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



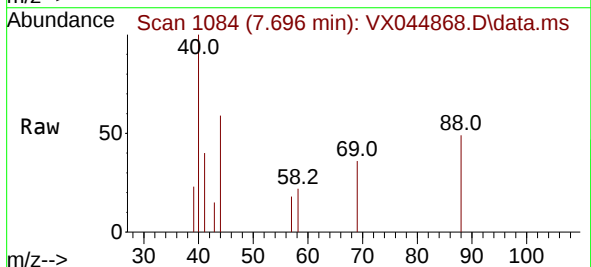
Tgt Ion: 41 Resp: 167
Ion Ratio Lower Upper
41 100
69 71.8 65.8 98.8
39 55.9 46.4 69.6

Manual Integrations
APPROVED

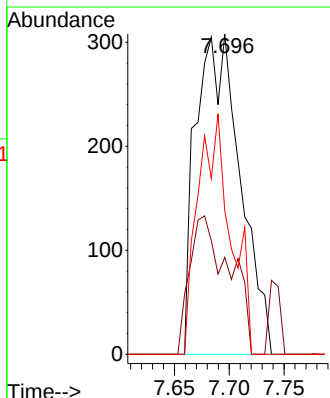
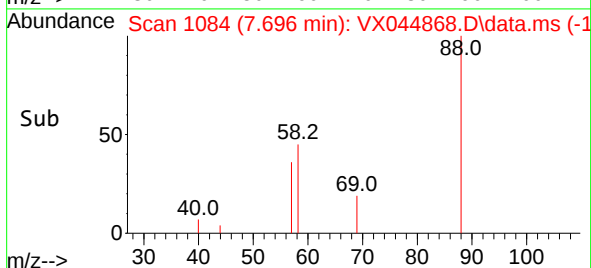
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

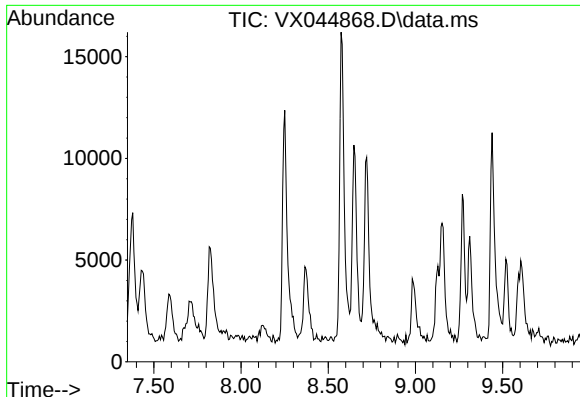


#49
1,4-Dioxane
Concen: 20.015 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.037 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion: 88 Resp: 867
Ion Ratio Lower Upper
88 100
43 38.9 26.6 39.8
58 55.5 55.9 83.9#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

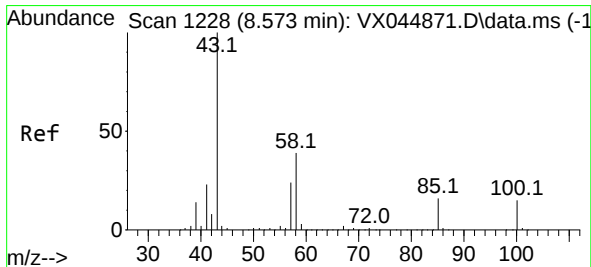
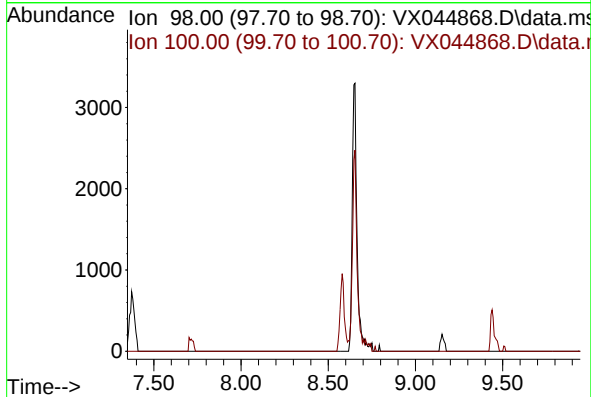
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.9

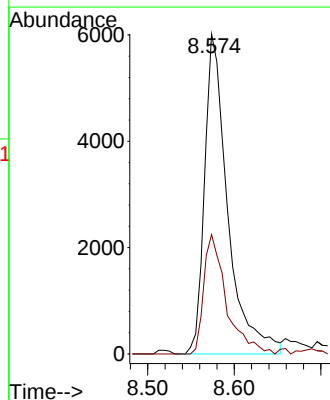
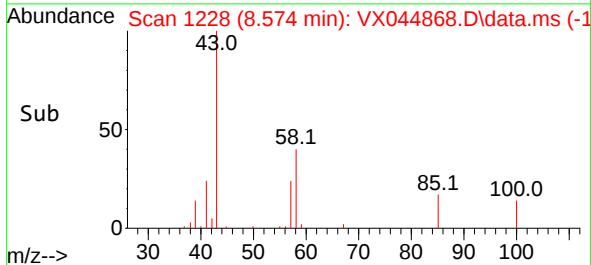
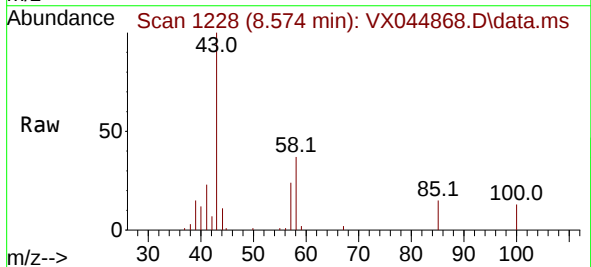
Manual Integrations
APPROVED

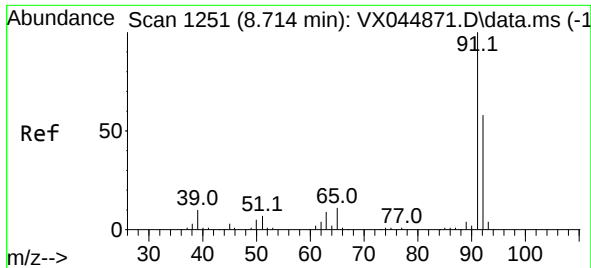
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#51
4-Methyl-2-Pentanone
Concen: 4.290 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

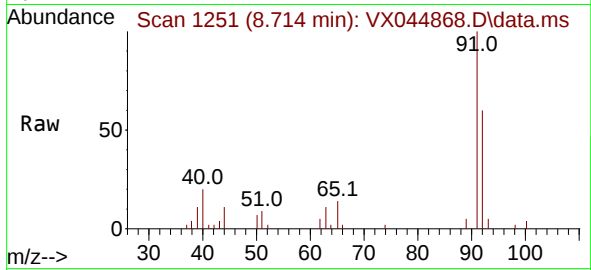
Tgt Ion: 43 Resp: 11169
Ion Ratio Lower Upper
43 100
58 36.3 30.8 46.2





#52
Toluene
Concen: 0.889 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

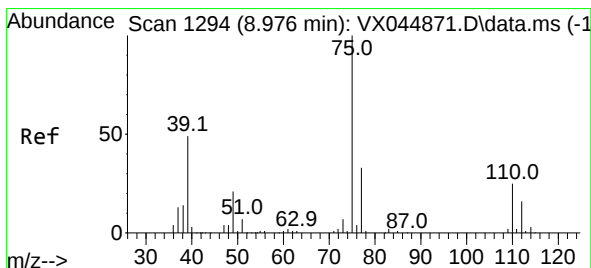
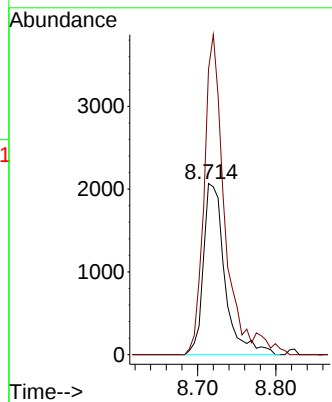
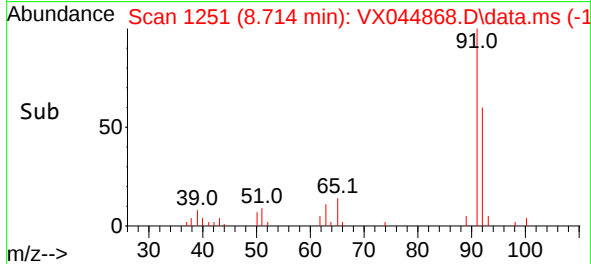
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



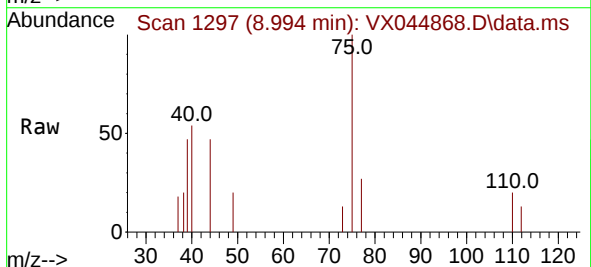
Tgt Ion: 92 Resp: 394
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.2

Manual Integrations
APPROVED

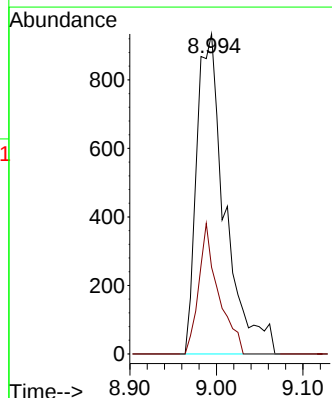
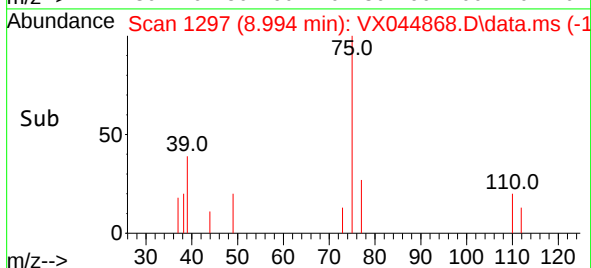
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

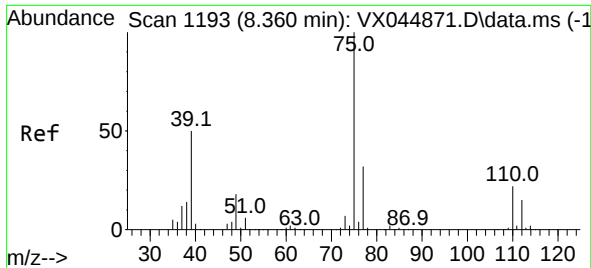


#53
t-1,3-Dichloropropene
Concen: 0.842 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.019 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



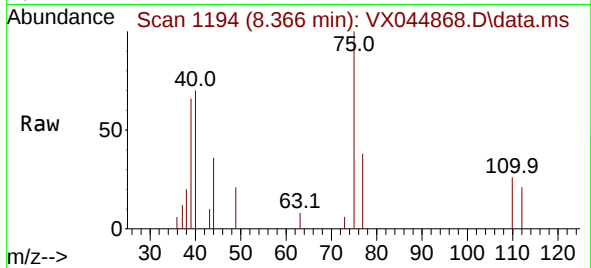
Tgt Ion: 75 Resp: 2119
Ion Ratio Lower Upper
75 100
77 27.1 26.0 39.0





#54
 cis-1,3-Dichloropropene
 Concen: 0.820 ug/l
 RT: 8.366 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

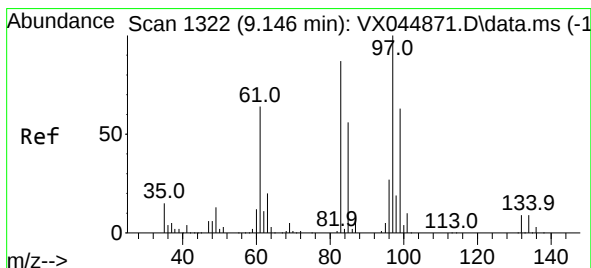
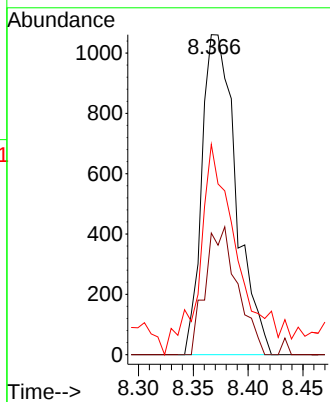
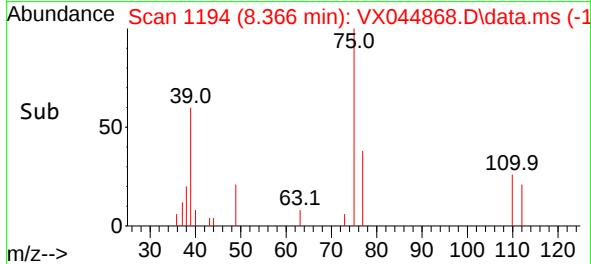
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 2300
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.3 37.9
 39 60.3 40.0 60.0

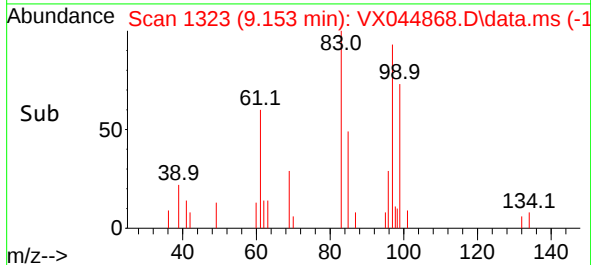
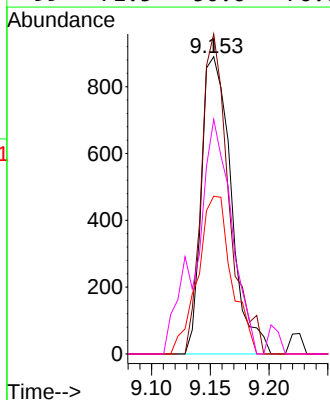
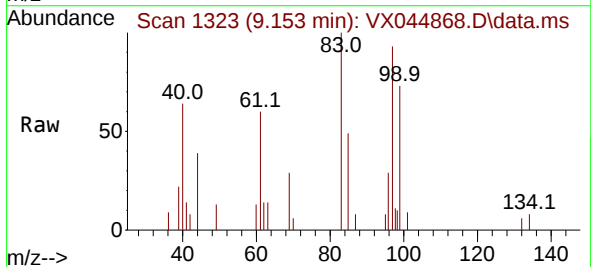
Manual Integrations
 APPROVED

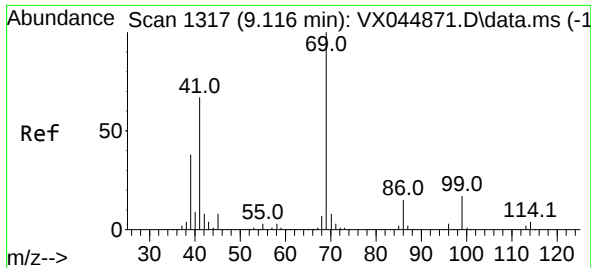
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.914 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

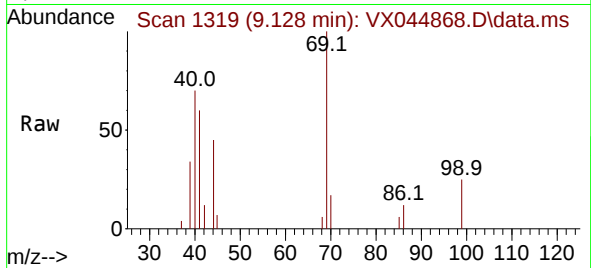
Tgt Ion: 97 Resp: 1558
 Ion Ratio Lower Upper
 97 100
 83 107.6 69.8 104.6
 85 53.0 44.8 67.2
 99 71.5 50.6 76.0





#56
Ethyl methacrylate
Concen: 0.852 ug/l
RT: 9.128 min Scan# 1317
Delta R.T. 0.013 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

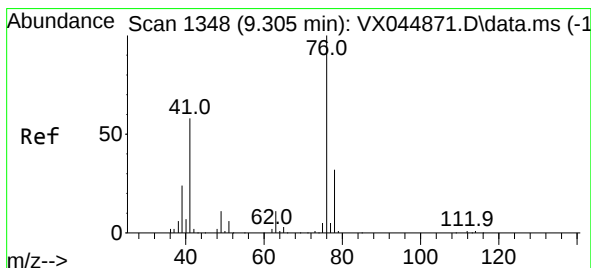
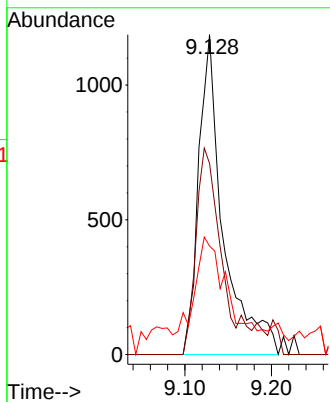
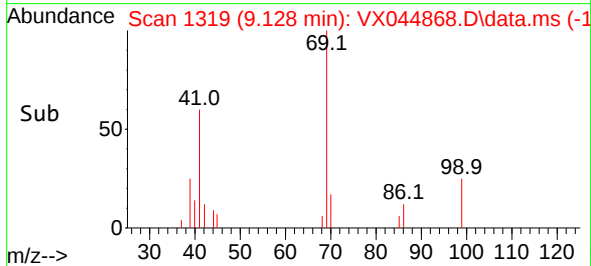
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 2340
Ion Ratio Lower Upper
69 100
41 61.6 55.2 82.8
39 56.2 30.8 46.2

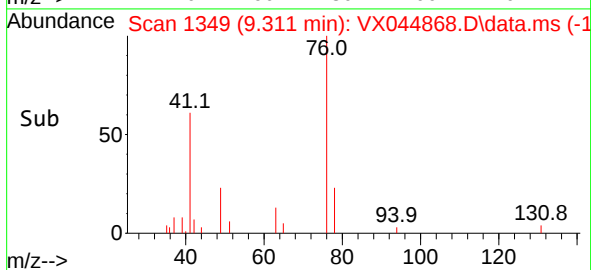
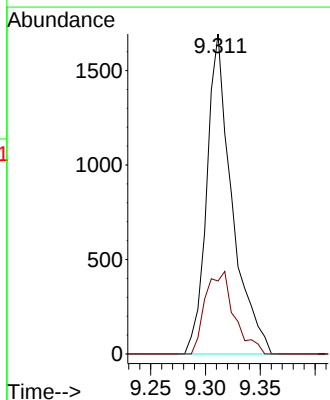
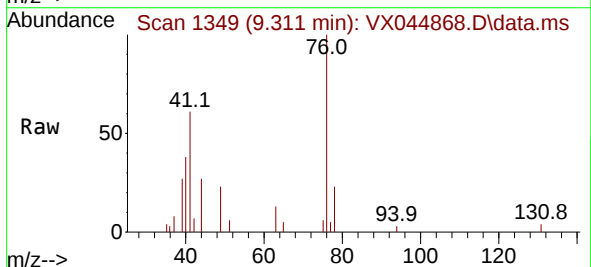
Manual Integrations
APPROVED

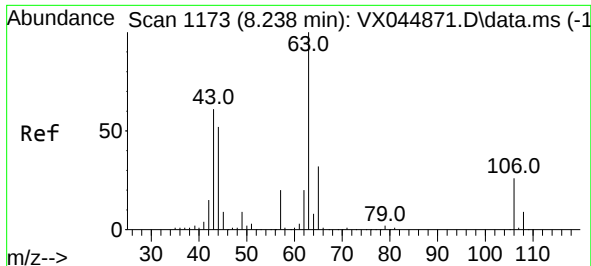
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#57
1,3-Dichloropropane
Concen: 0.905 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Tgt Ion: 76 Resp: 2699
Ion Ratio Lower Upper
76 100
78 29.6 25.8 38.8





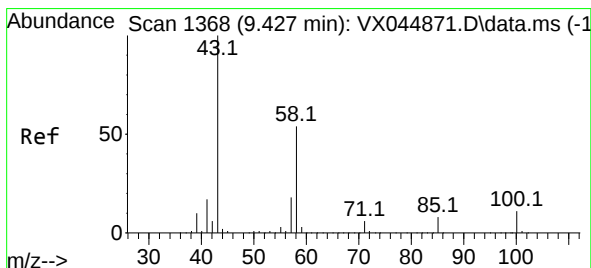
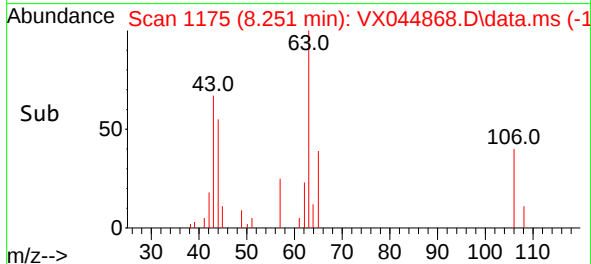
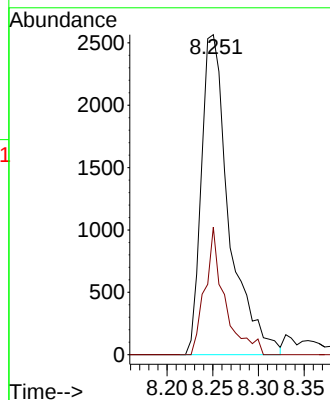
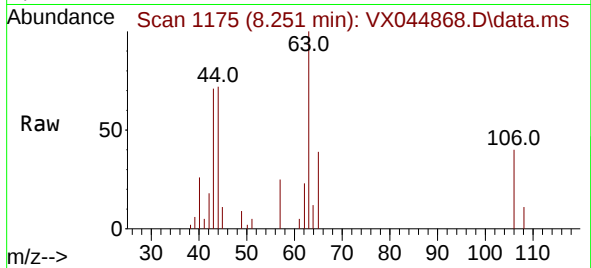
#58
2-Chloroethyl Vinyl ether
Concen: 3.996 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 540
Ion Ratio Lower Upper
63 100
106 28.2 21.3 31.9

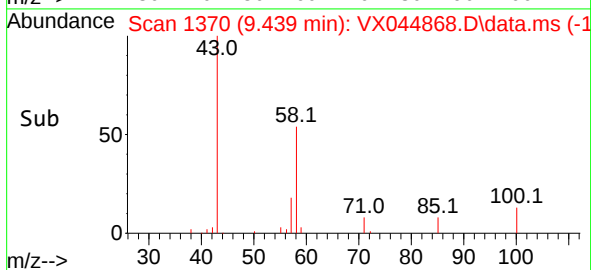
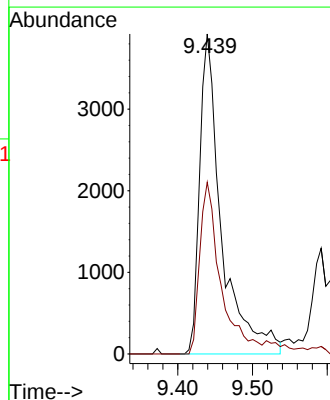
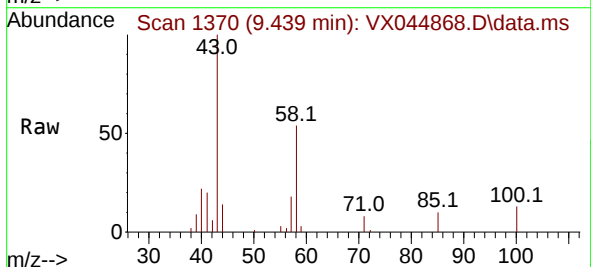
Manual Integrations
APPROVED

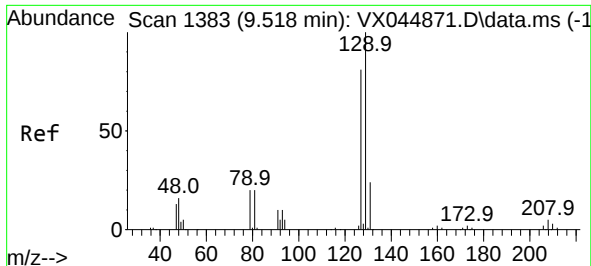
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#59
2-Hexanone
Concen: 4.240 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.013 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

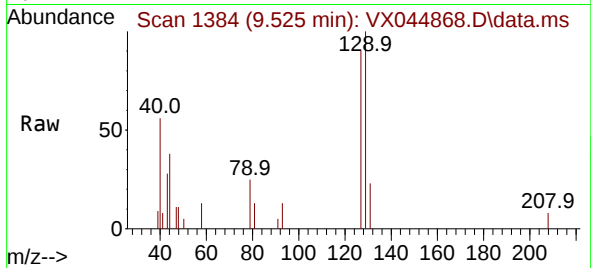
Tgt Ion: 43 Resp: 7952
Ion Ratio Lower Upper
43 100
58 51.3 27.5 82.4





#60
Dibromochloromethane
Concen: 0.885 ug/l
RT: 9.525 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

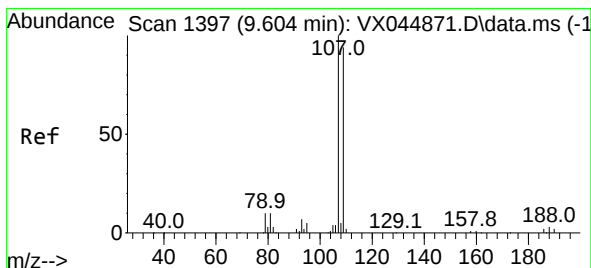
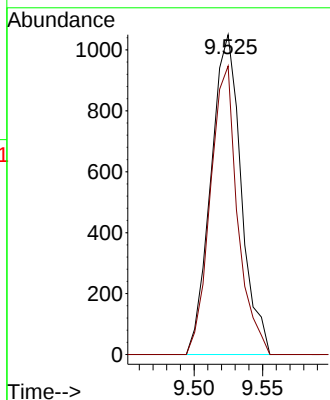
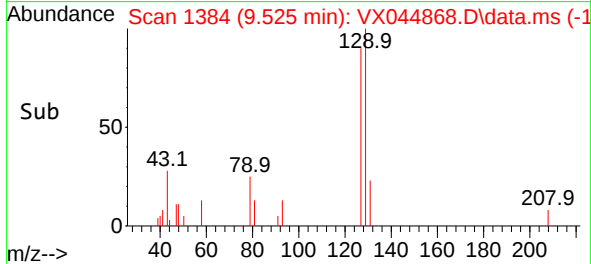
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



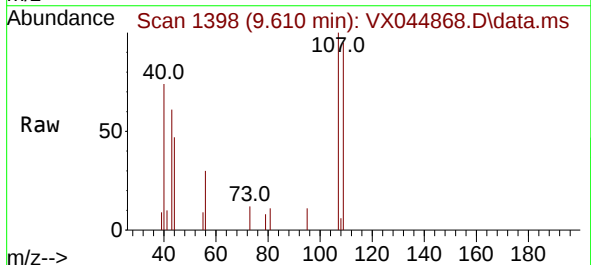
Tgt Ion:129 Resp: 161
Ion Ratio Lower Upper
129 100
127 81.3 39.1 117.3

Manual Integrations
APPROVED

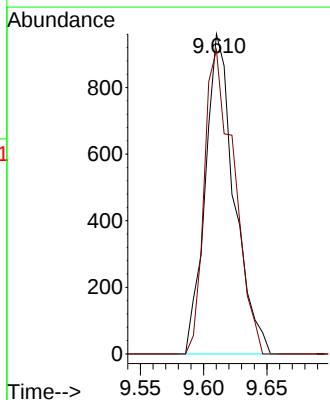
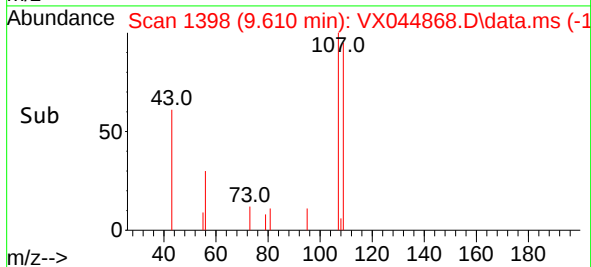
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

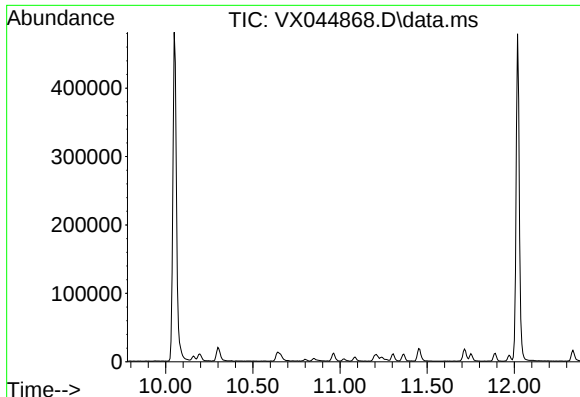


#61
1,2-Dibromoethane
Concen: 0.888 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion:107 Resp: 1534
Ion Ratio Lower Upper
107 100
109 97.4 75.9 113.9





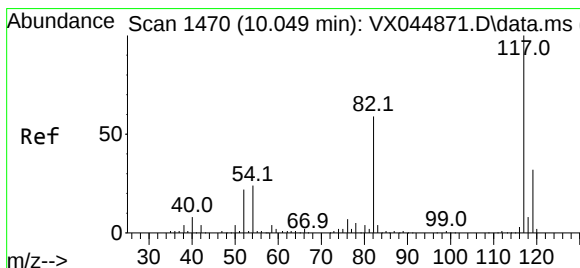
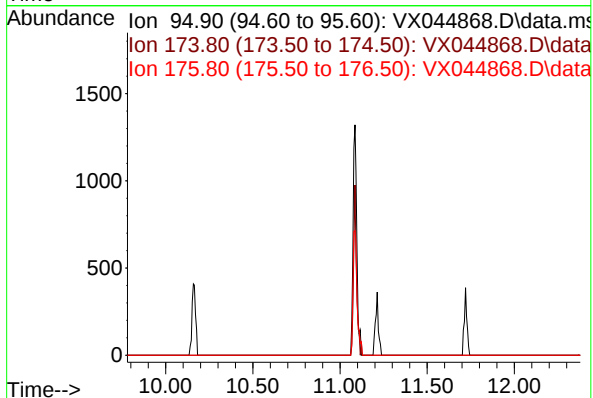
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.3
 176 70.8

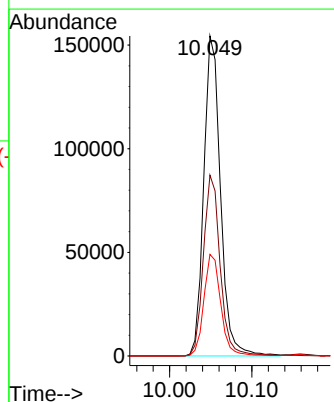
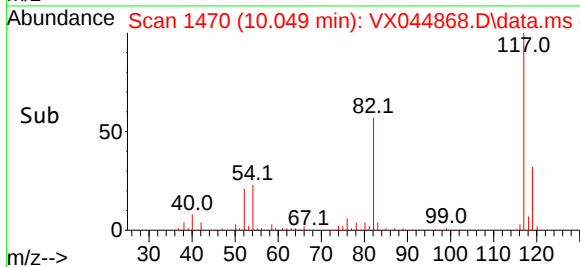
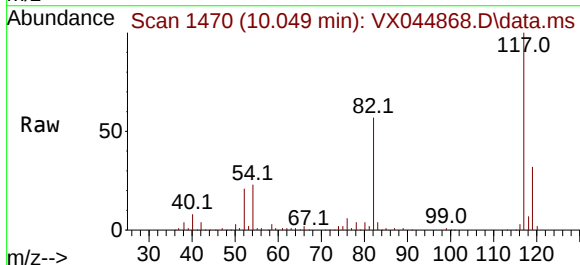
Manual Integrations
 APPROVED

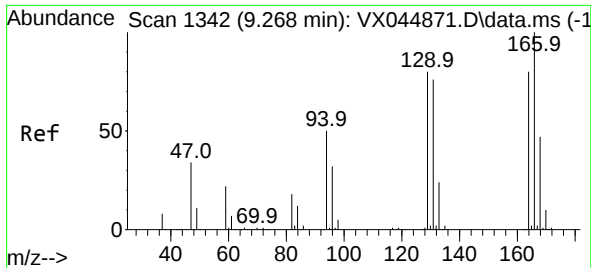
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

Tgt Ion:117 Resp: 218570
 Ion Ratio Lower Upper
 117 100
 82 56.5 47.5 71.3
 119 31.8 25.4 38.0





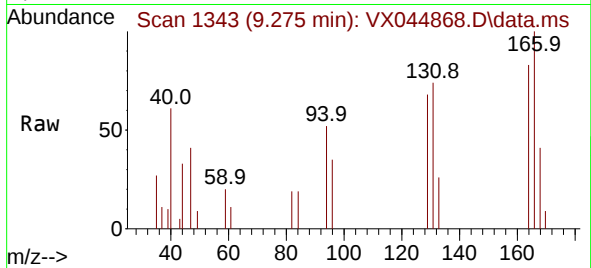
#64
Tetrachloroethene
Concen: 0.971 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



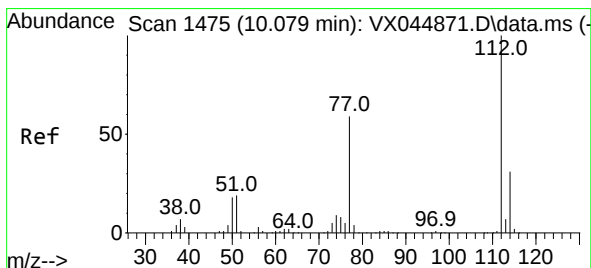
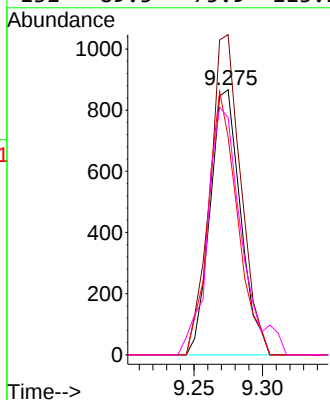
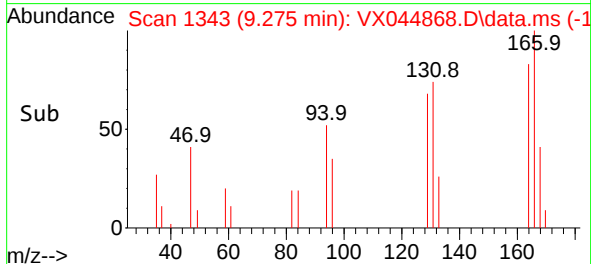
Tgt Ion:164 Resp: 1339
Ion Ratio Lower Upper
164 100
166 120.8 100.4 150.6
129 82.1 79.9 119.9
131 89.5 75.9 113.9

Manual Integrations

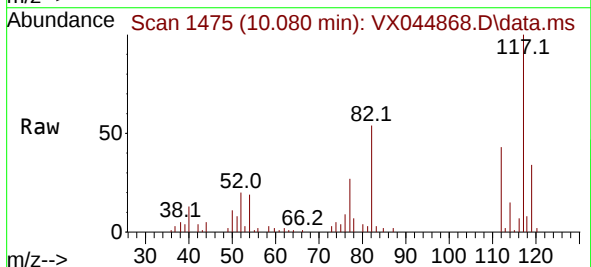
APPROVED

Reviewed By :John Carlone 02/11/2025

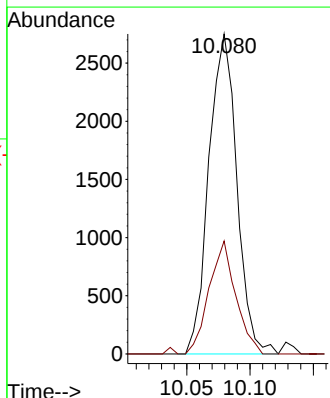
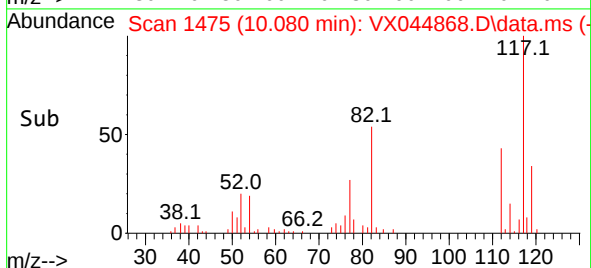
Supervised By :Mahesh Dadoda 02/11/2025

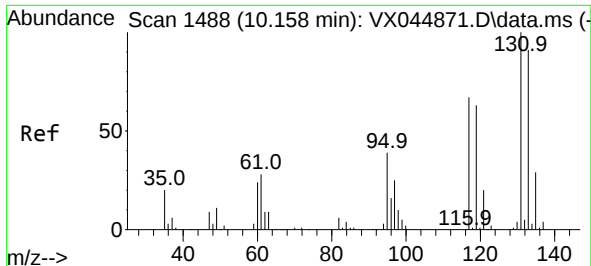


#65
Chlorobenzene
Concen: 0.902 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



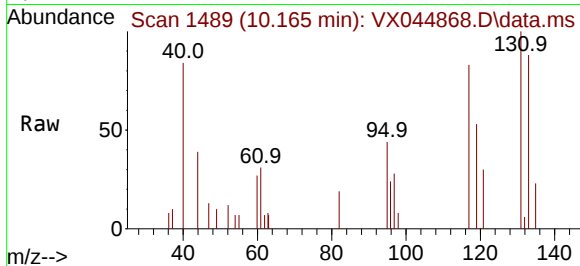
Tgt Ion:112 Resp: 4234
Ion Ratio Lower Upper
112 100
114 35.3 25.0 37.6





#66
1,1,1,2-Tetrachloroethane
Concen: 0.874 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

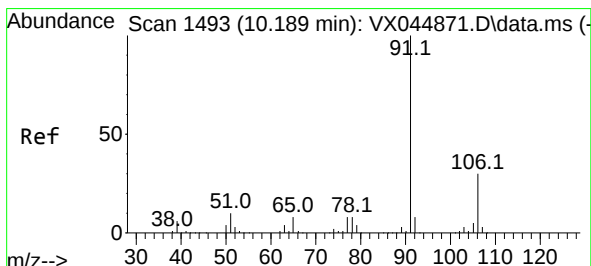
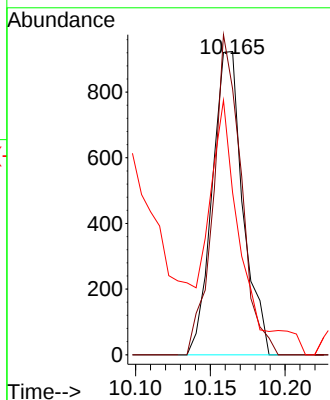
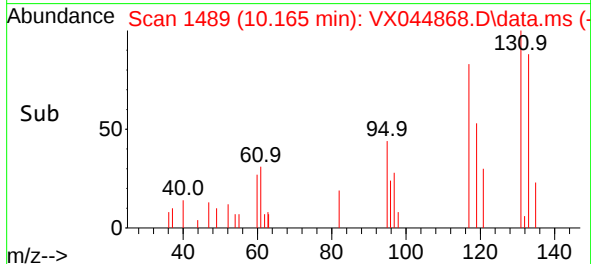
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 1320
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 0.0 33.6 100.6

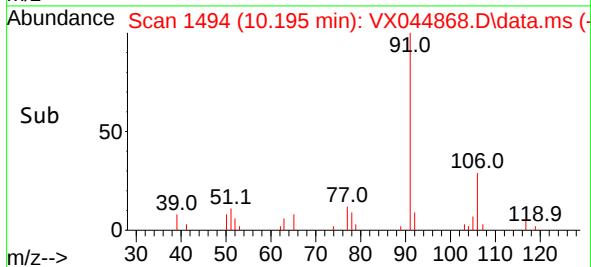
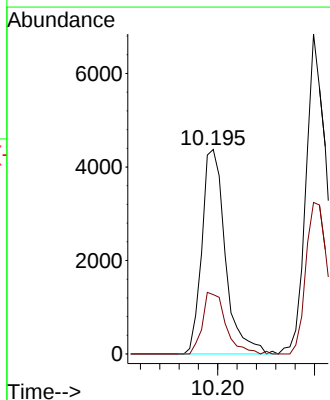
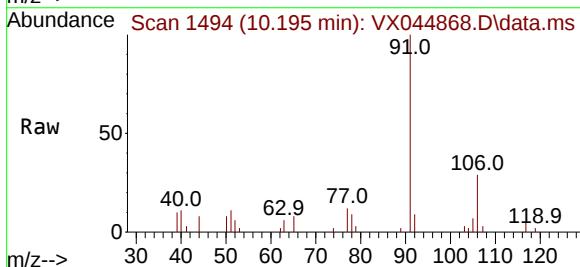
Manual Integrations
APPROVED

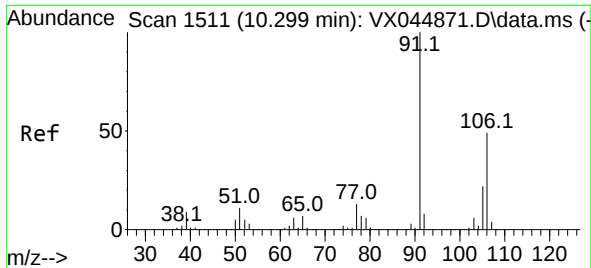
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#67
Ethyl Benzene
Concen: 0.892 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Tgt Ion: 91 Resp: 7388
Ion Ratio Lower Upper
91 100
106 29.0 23.9 35.9





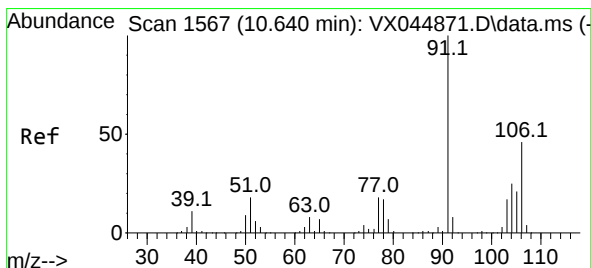
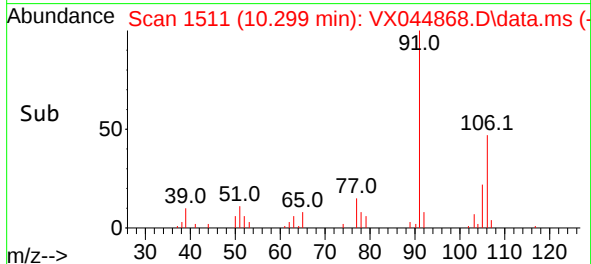
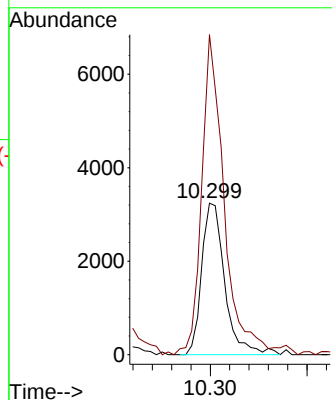
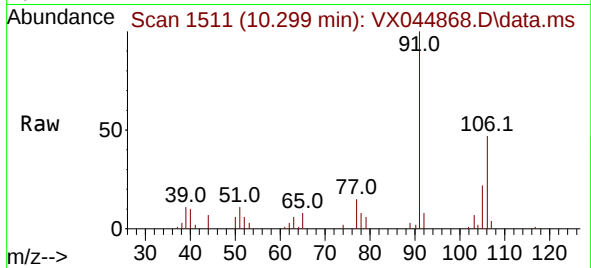
#68
m/p-Xylenes
Concen: 1.763 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 538
Ion Ratio Lower Upper
106 100
91 204.7 164.3 246.5

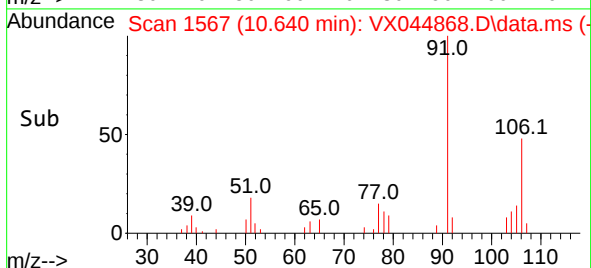
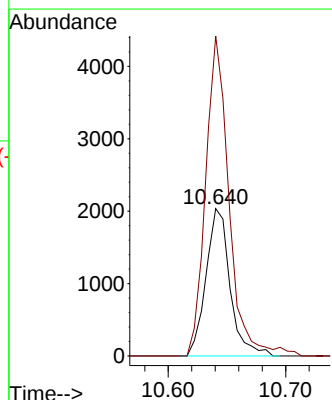
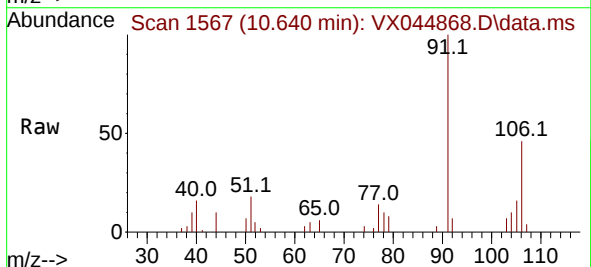
Manual Integrations
APPROVED

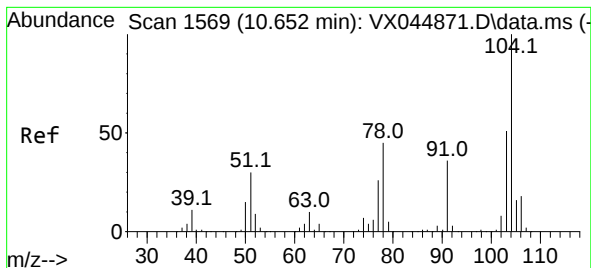
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#69
o-Xylene
Concen: 0.942 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Tgt Ion:106 Resp: 2889
Ion Ratio Lower Upper
106 100
91 211.5 108.5 325.5





#70

Styrene

Concen: 0.804 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.007 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

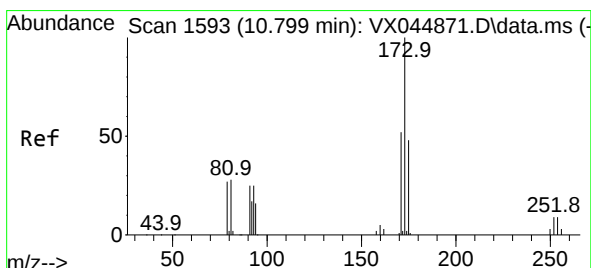
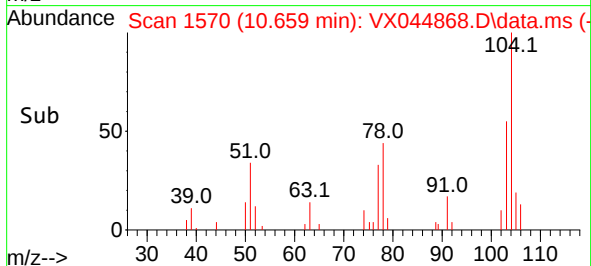
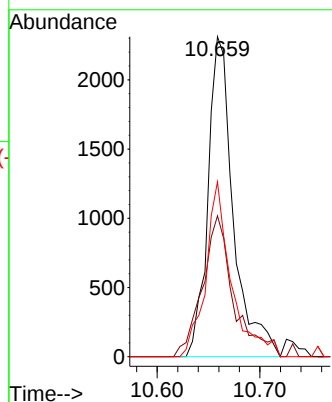
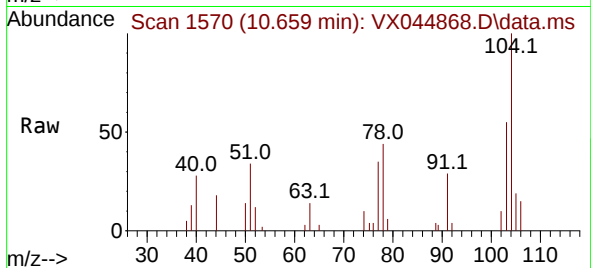
Tgt Ion:104	Resp:	3974
Ion Ratio	Lower	Upper
104	100	
78	54.1	40.5 60.7
103	55.0	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#71

Bromoform

Concen: 0.721 ug/l

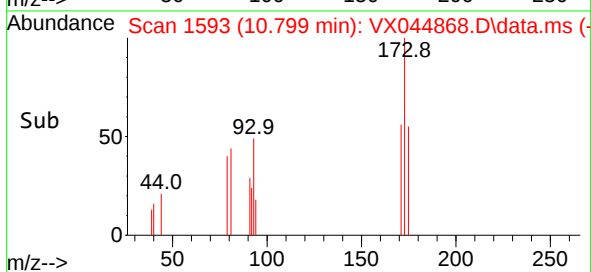
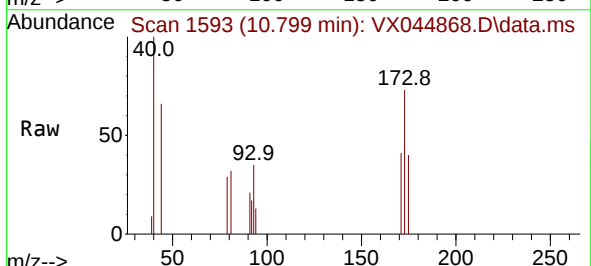
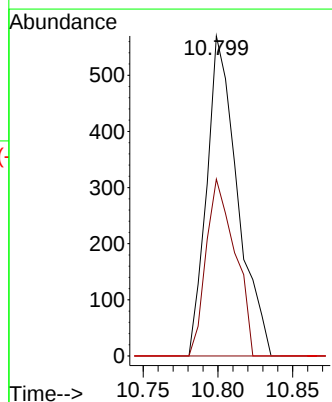
RT: 10.799 min Scan# 1593

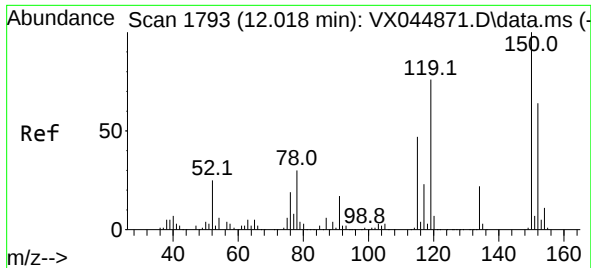
Delta R.T. 0.000 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

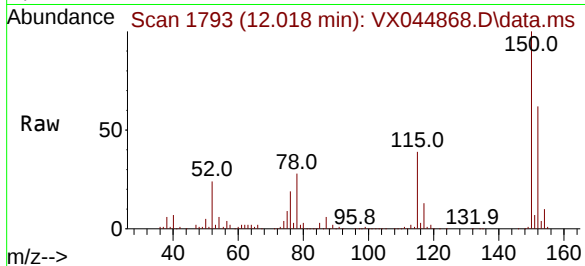
Tgt Ion:173	Resp:	813
Ion Ratio	Lower	Upper
173	100	
175	52.2	24.3 72.8
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

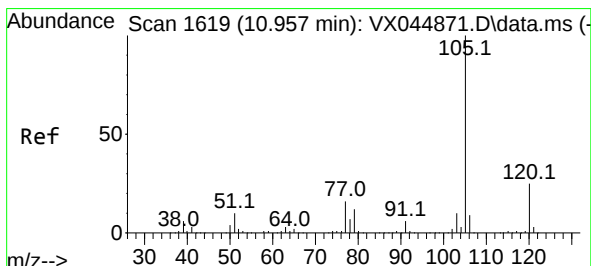
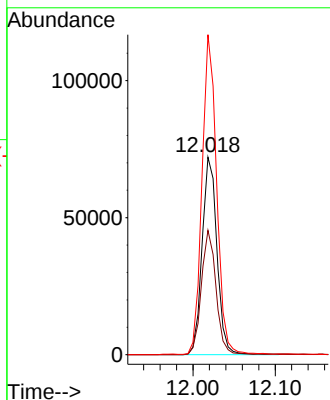
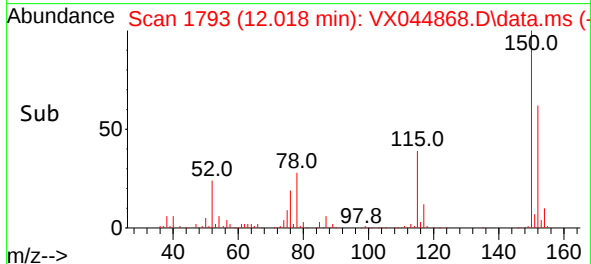
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



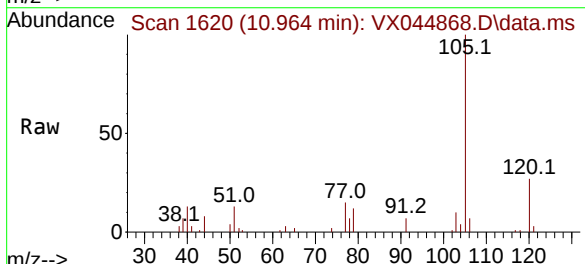
Tgt Ion:152 Resp: 9073
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.1
150 158.6 0.0 350.4

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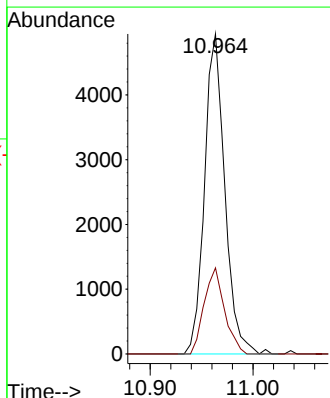
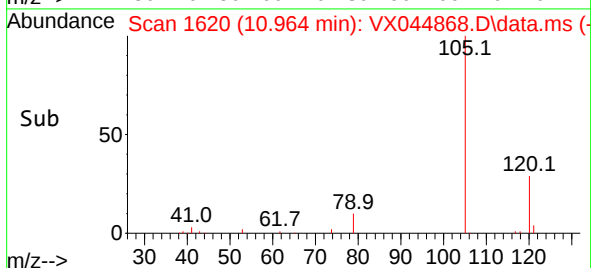
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

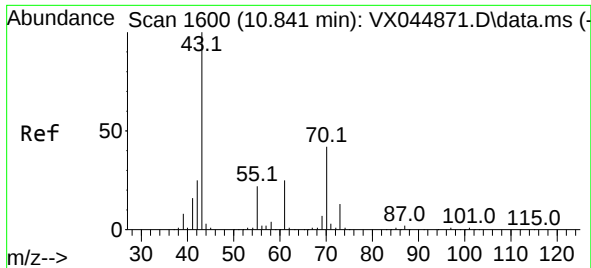


#73
Isopropylbenzene
Concen: 0.928 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



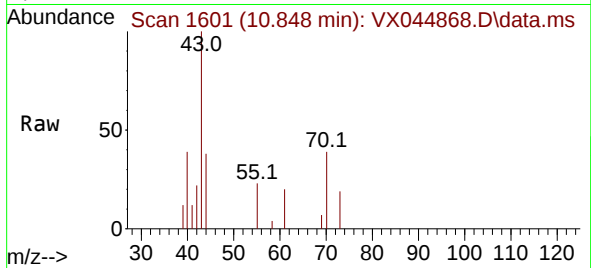
Tgt Ion:105 Resp: 6778
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5





#74
N-amy1 acetate
Concen: 0.785 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

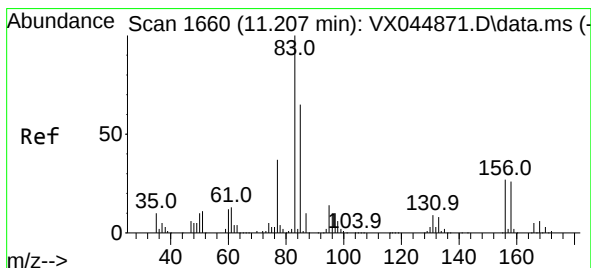
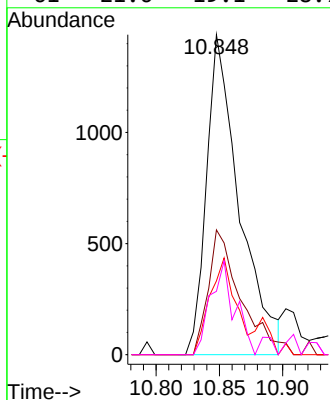
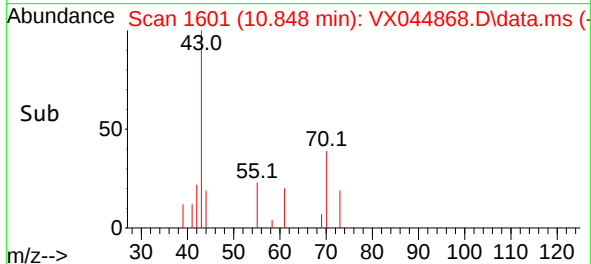
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
70 38.8 33.7 50.5
55 25.2 18.6 27.8
61 21.6 19.1 28.7

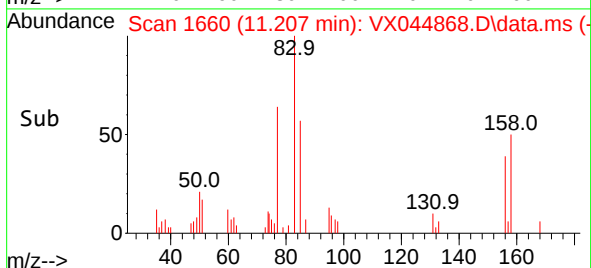
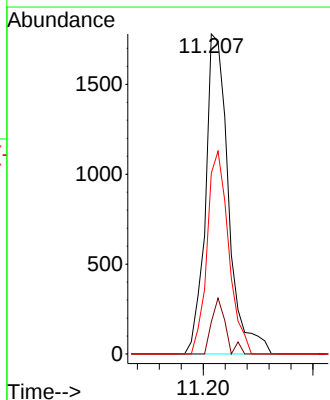
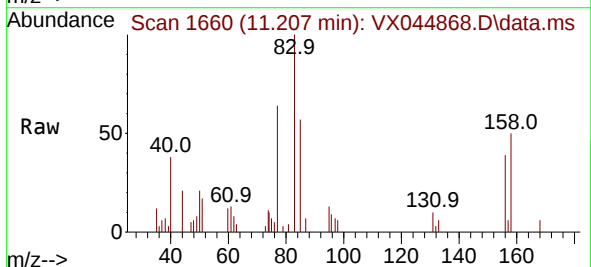
Manual Integrations
APPROVED

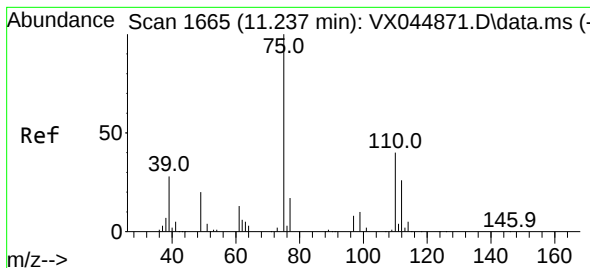
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.033 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

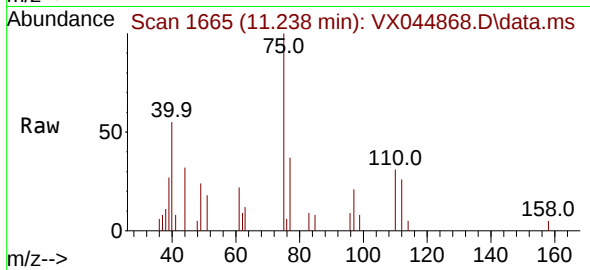
Tgt Ion: 83 Resp: 2594
Ion Ratio Lower Upper
83 100
131 10.5 4.5 13.5
85 59.2 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 0.943 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

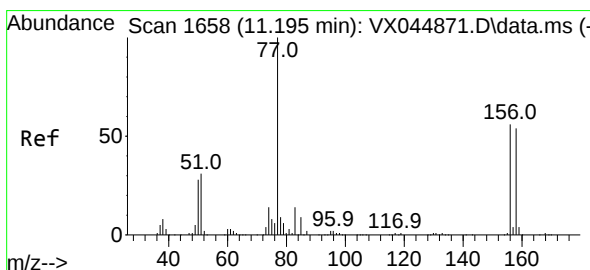
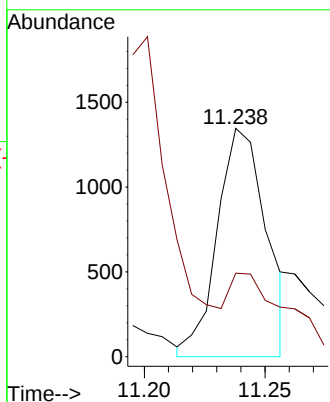
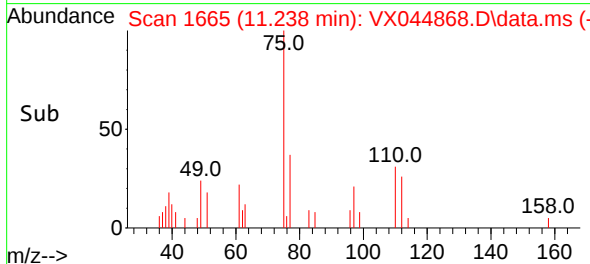
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



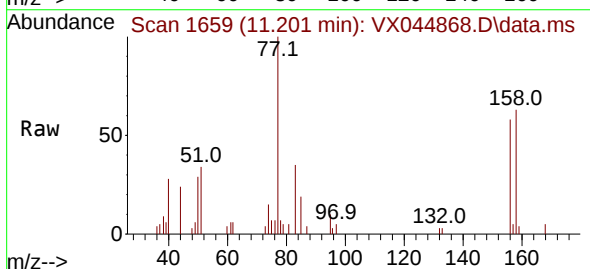
Tgt Ion: 75 Resp: 1898
Ion Ratio Lower Upper
75 100
77 43.4 21.9 65.7

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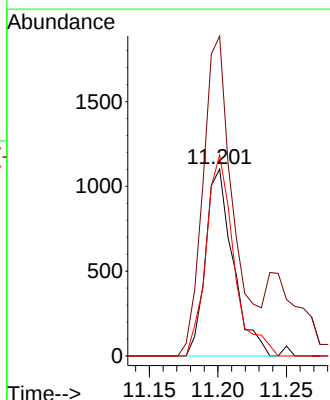
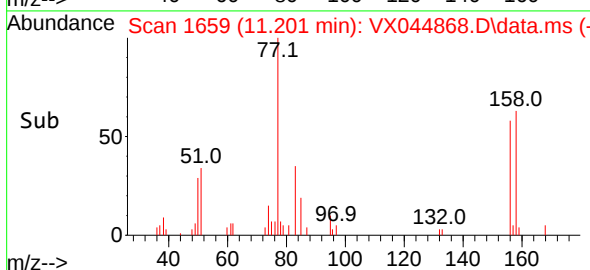
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

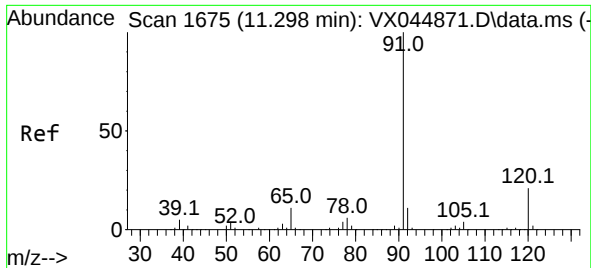


#77
Bromobenzene
Concen: 0.928 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion:156 Resp: 1537
Ion Ratio Lower Upper
156 100
77 188.7 88.4 265.3
158 108.6 48.4 145.2





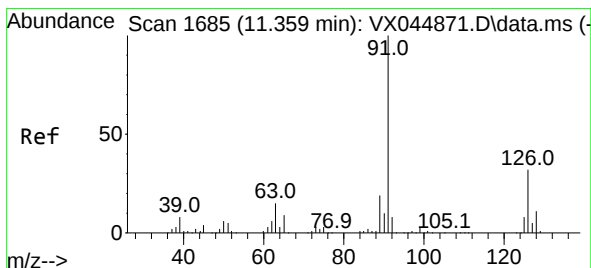
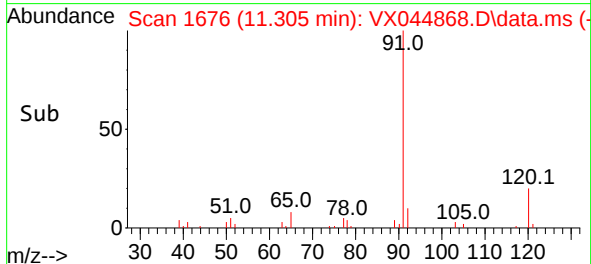
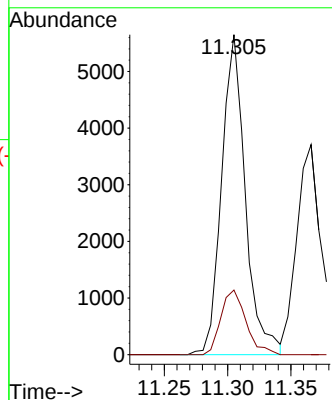
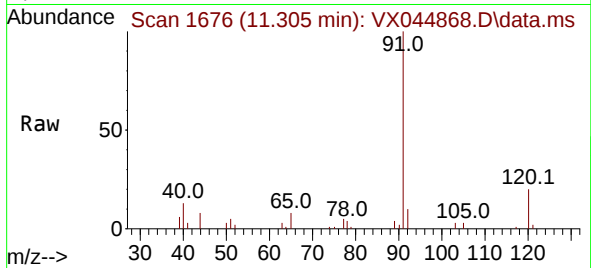
#78
n-propylbenzene
Concen: 0.871 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 734
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.3

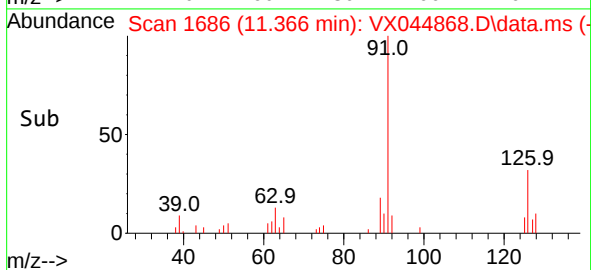
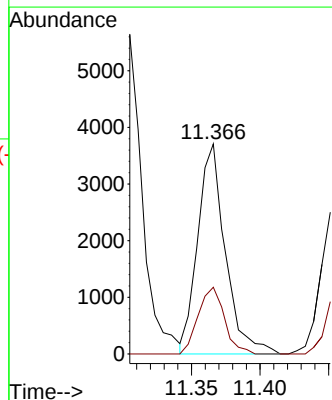
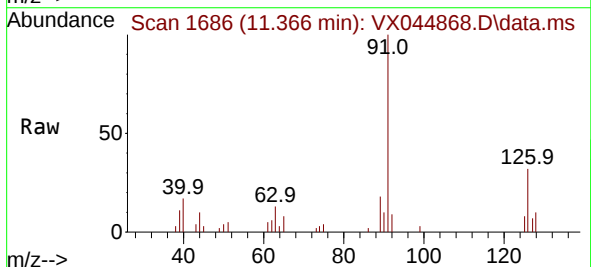
Manual Integrations
APPROVED

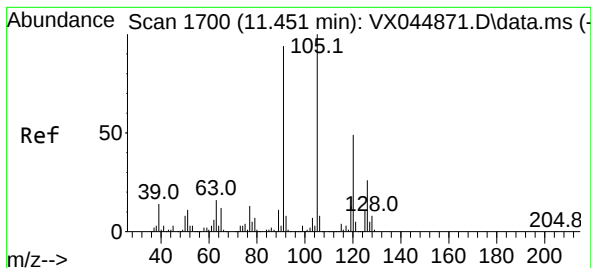
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#79
2-Chlorotoluene
Concen: 1.001 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Tgt Ion: 91 Resp: 5188
Ion Ratio Lower Upper
91 100
126 30.1 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 0.913 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 5410

Ion Ratio Lower Upper

105 100

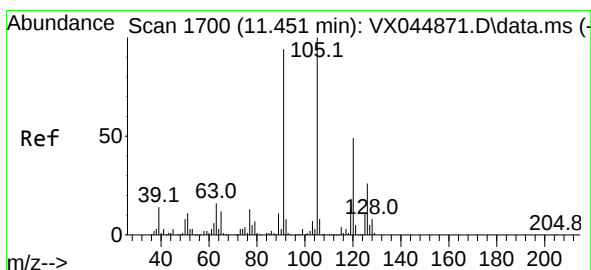
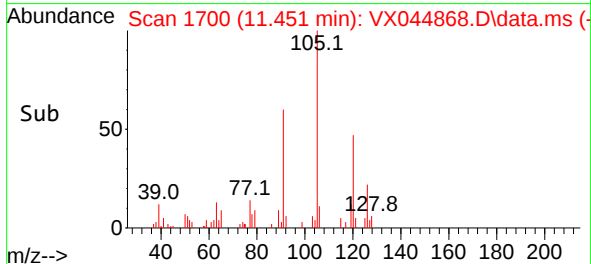
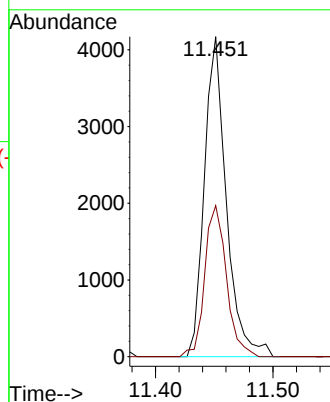
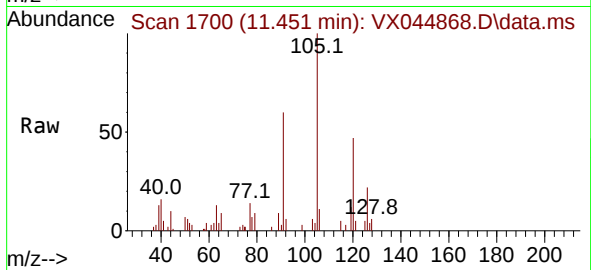
120 46.7 24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#82

4-Chlorotoluene

Concen: 0.936 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX044868.D

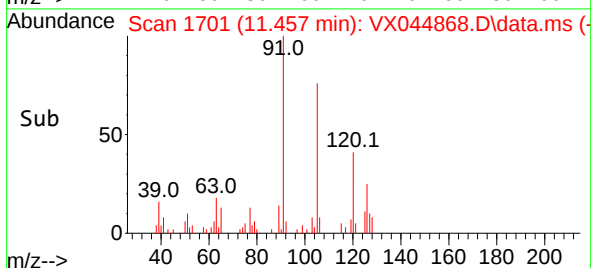
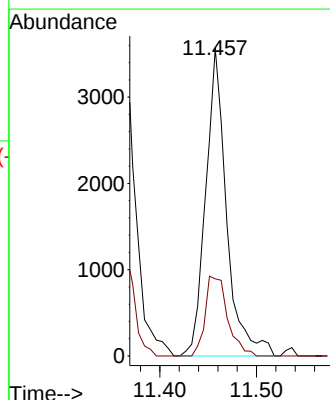
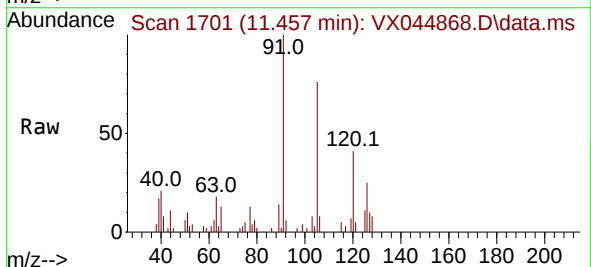
Acq: 10 Feb 2025 10:25

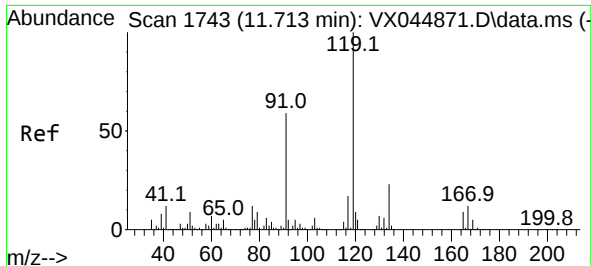
Tgt Ion: 91 Resp: 5367

Ion Ratio Lower Upper

91 100

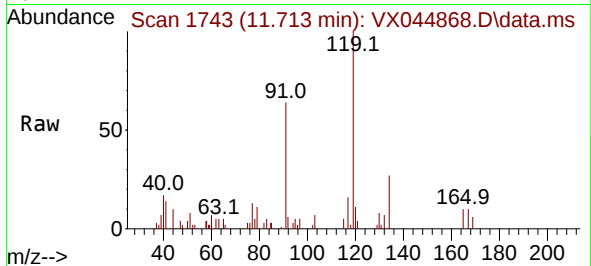
126 27.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.937 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

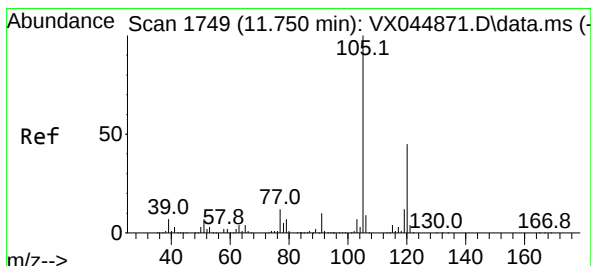
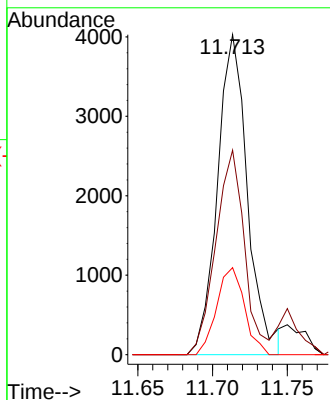
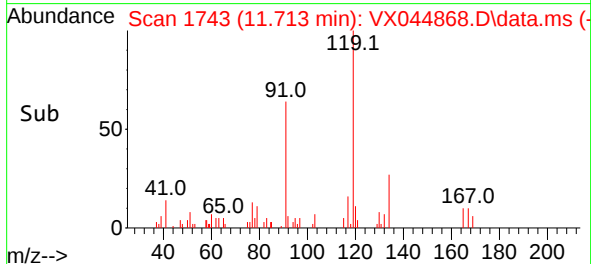
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



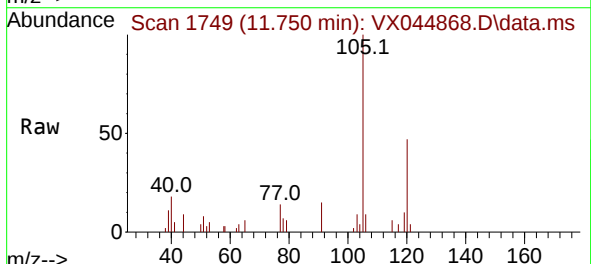
Tgt Ion:119 Resp: 5620
Ion Ratio Lower Upper
119 100
91 61.3 29.1 87.4
134 25.2 11.5 34.5

Manual Integrations
APPROVED

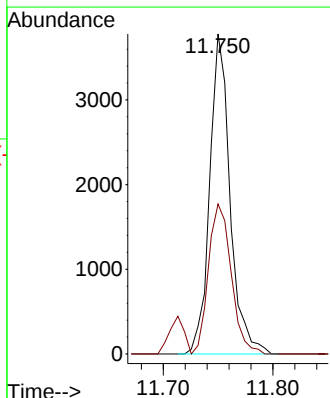
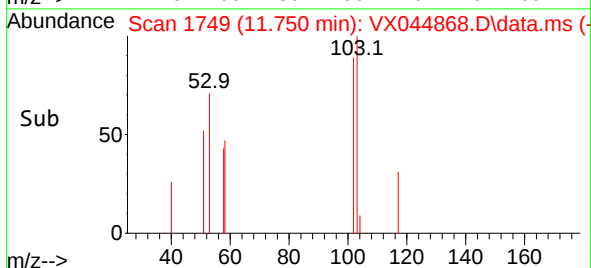
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

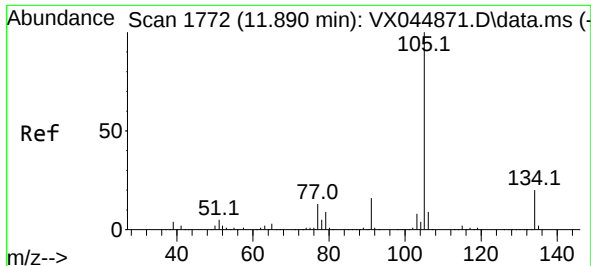


#84
1,2,4-Trimethylbenzene
Concen: 0.833 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



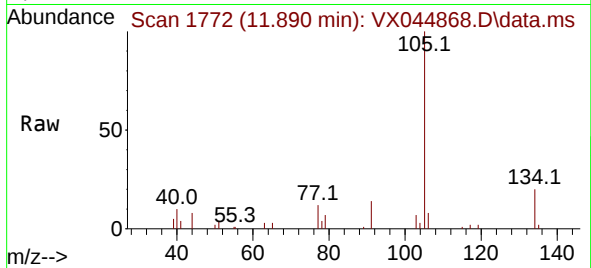
Tgt Ion:105 Resp: 4876
Ion Ratio Lower Upper
105 100
120 52.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 0.902 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25

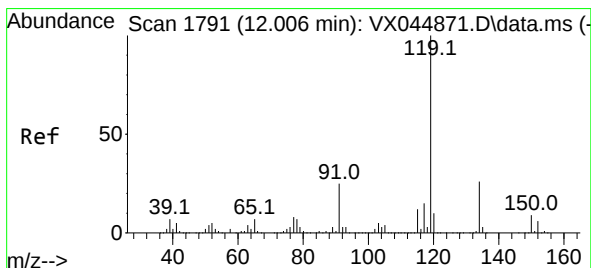
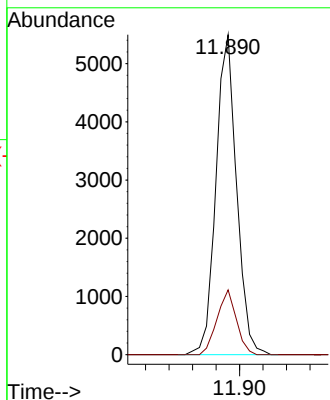
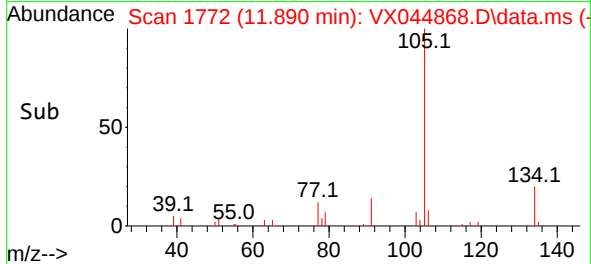
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



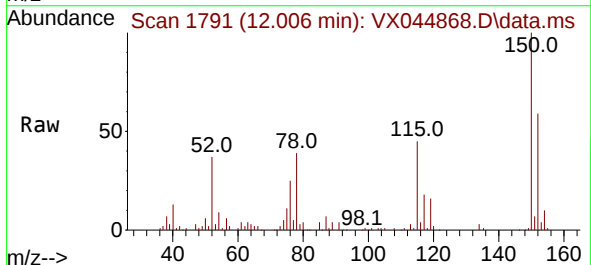
Tgt Ion:105 Resp: 6700
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
 APPROVED

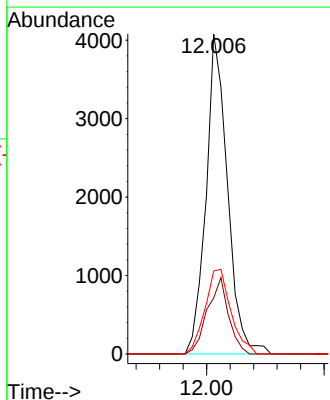
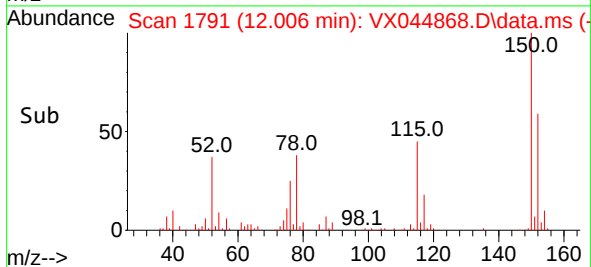
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

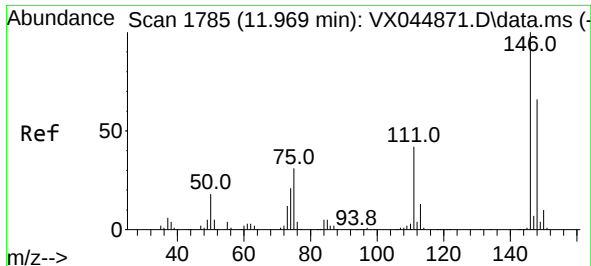


#86
 p-Isopropyltoluene
 Concen: 0.864 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044868.D
 Acq: 10 Feb 2025 10:25



Tgt Ion:119 Resp: 5161
 Ion Ratio Lower Upper
 119 100
 134 23.4 13.0 38.9
 91 32.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 0.963 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 293

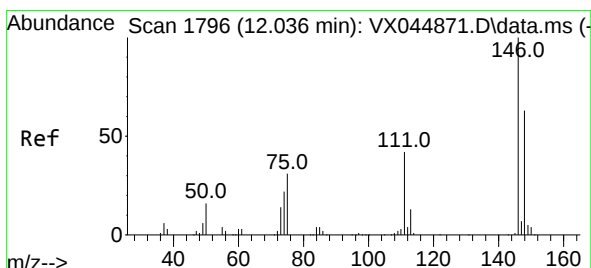
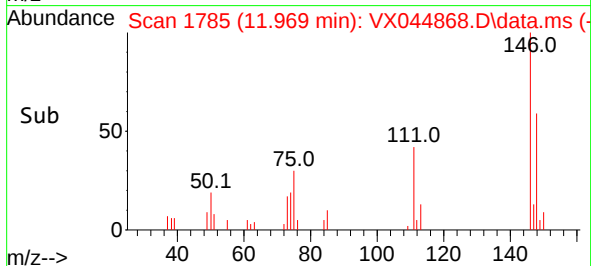
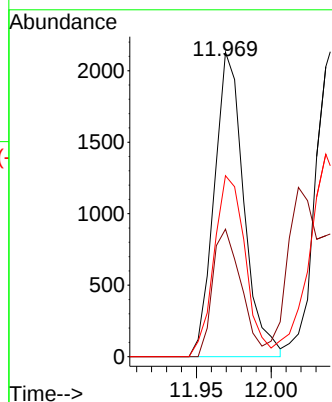
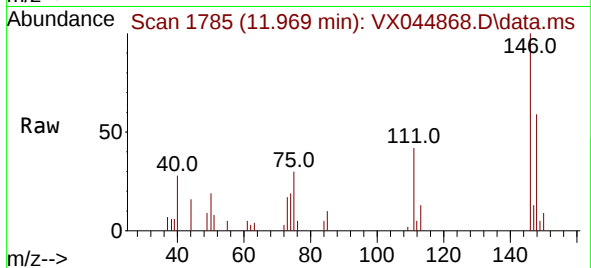
Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.2	63.6
148	62.8	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#88

1,4-Dichlorobenzene

Concen: 0.979 ug/l m

RT: 12.043 min Scan# 1797

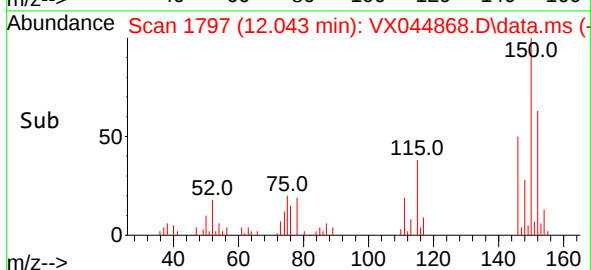
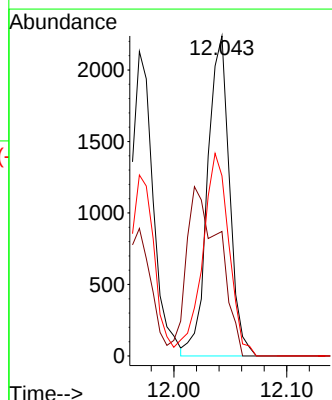
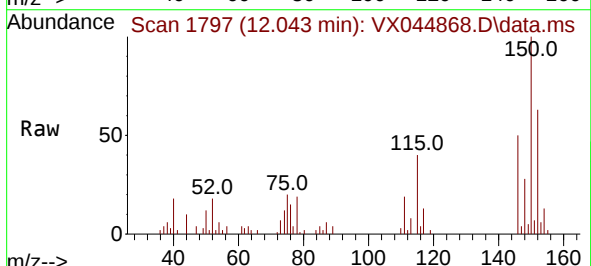
Delta R.T. 0.007 min

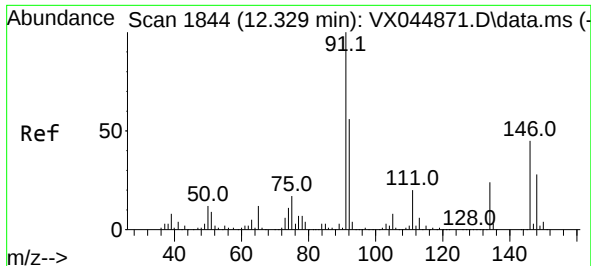
Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Tgt Ion:146 Resp: 3016

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.3
148	61.0	32.0	96.0





#89

n-Butylbenzene

Concen: 0.734 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

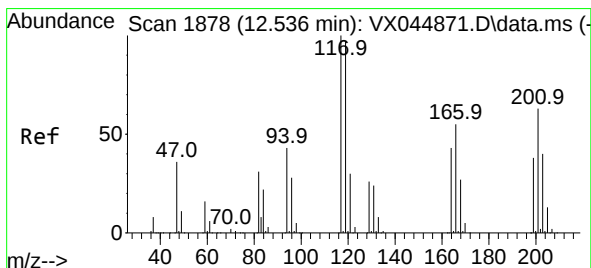
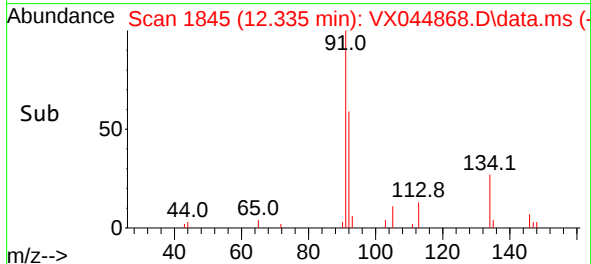
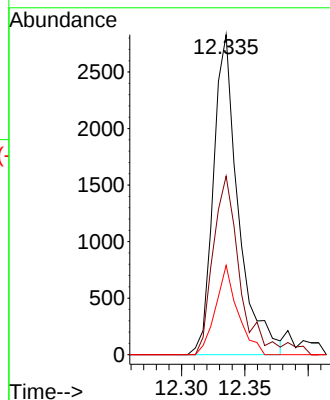
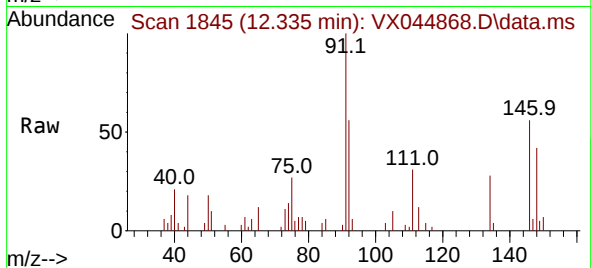
Tgt Ion: 91	Resp: 3880
Ion Ratio	Lower Upper
91	100
92	60.9 27.2 81.6
134	24.8 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#90

Hexachloroethane

Concen: 0.866 ug/l

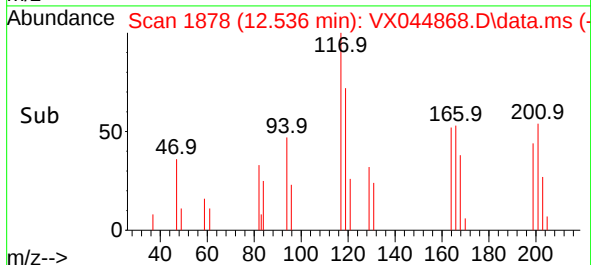
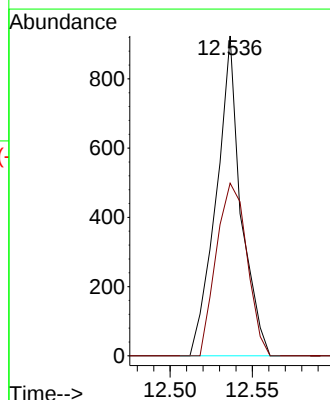
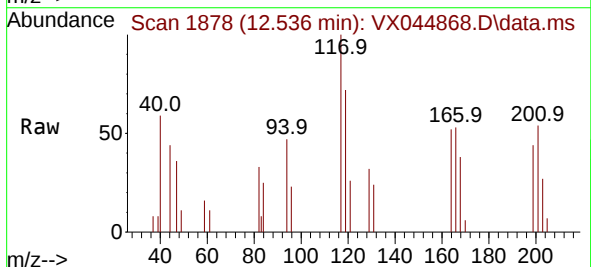
RT: 12.536 min Scan# 1878

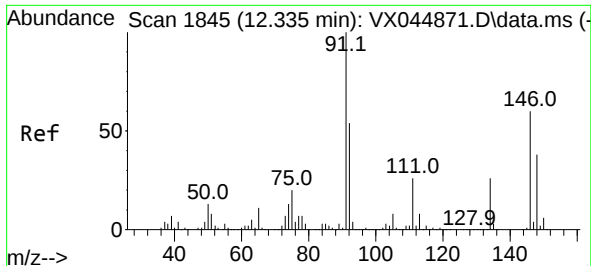
Delta R.T. 0.000 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Tgt Ion: 117	Resp: 968
Ion Ratio	Lower Upper
117	100
201	66.8 32.5 97.5





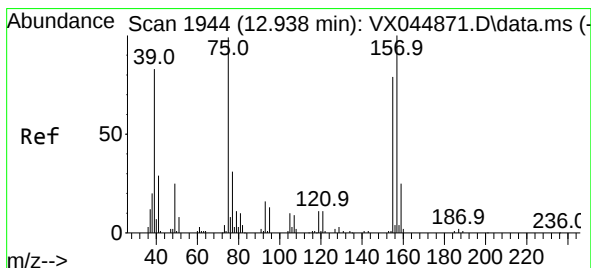
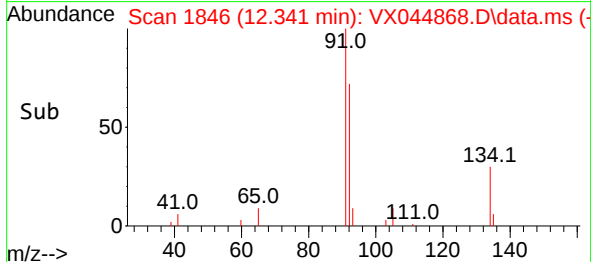
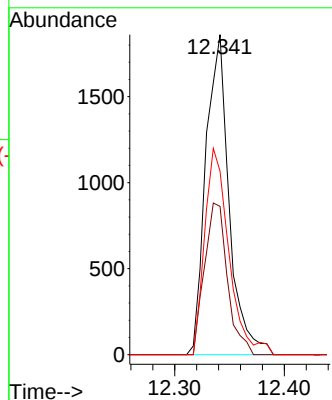
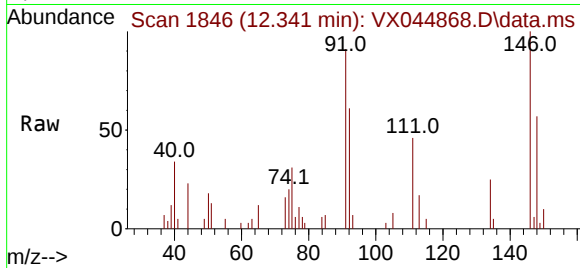
#91
1,2-Dichlorobenzene
Concen: 0.917 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 2744
Ion Ratio Lower Upper
146 100
111 46.7 21.8 65.4
148 67.2 31.9 95.9

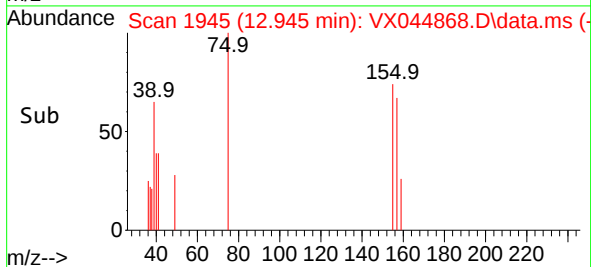
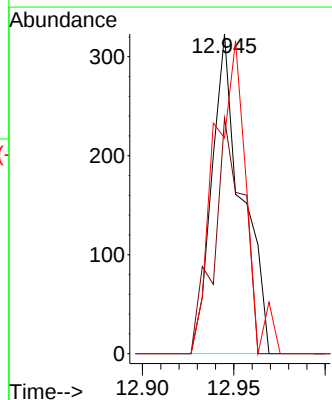
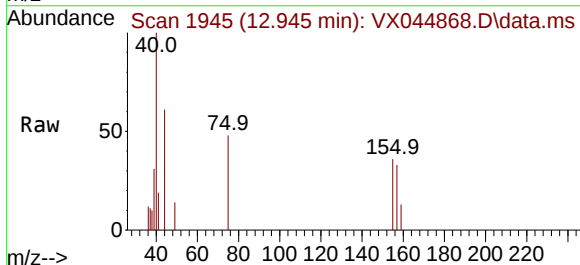
Manual Integrations
APPROVED

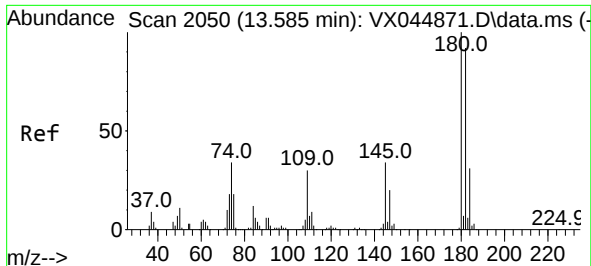
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.801 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

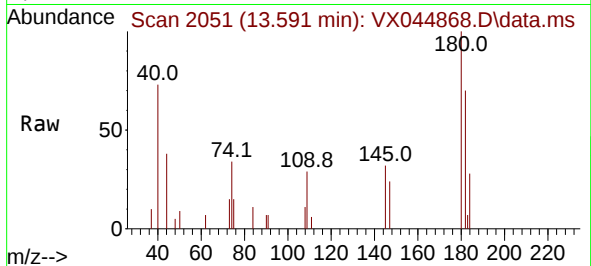
Tgt Ion: 75 Resp: 367
Ion Ratio Lower Upper
75 100
155 71.7 40.5 121.4
157 104.1 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 0.861 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.007 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25

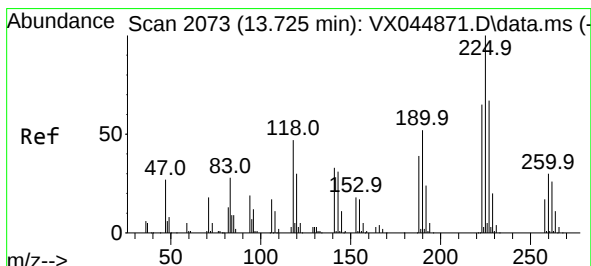
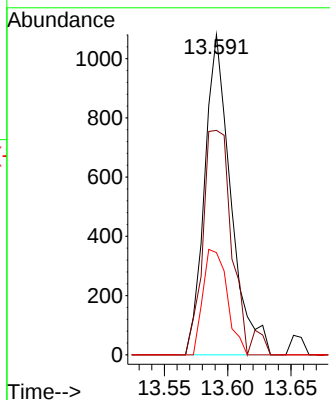
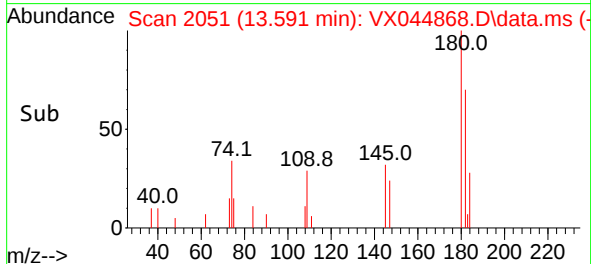
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



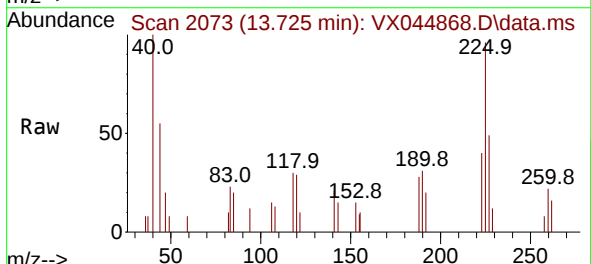
Tgt Ion:180 Resp: 1560
Ion Ratio Lower Upper
180 100
182 78.7 47.6 142.8
145 30.4 16.4 49.1

Manual Integrations
APPROVED

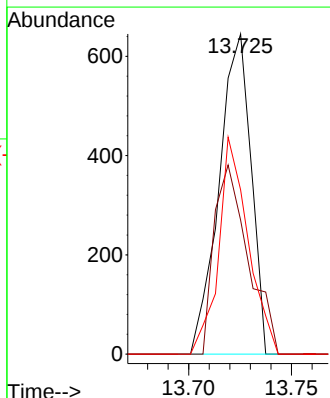
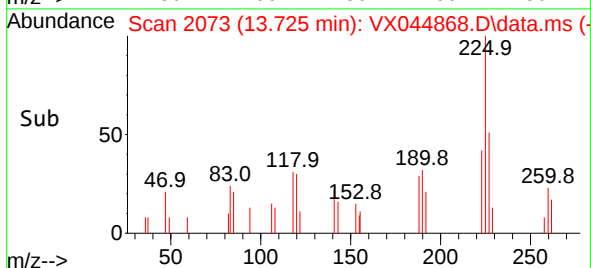
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

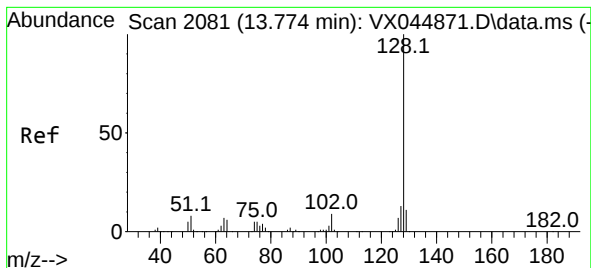


#94
Hexachlorobutadiene
Concen: 0.966 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044868.D
Acq: 10 Feb 2025 10:25



Tgt Ion:225 Resp: 695
Ion Ratio Lower Upper
225 100
223 63.2 31.4 94.2
227 62.6 32.3 96.8





#95

Naphthalene

Concen: 0.783 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.007 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

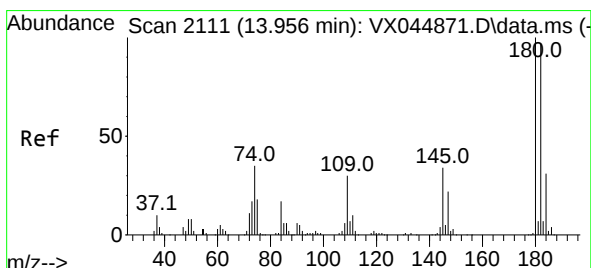
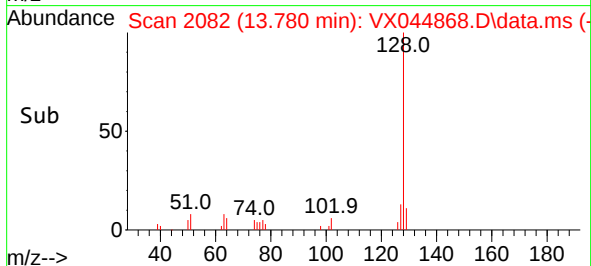
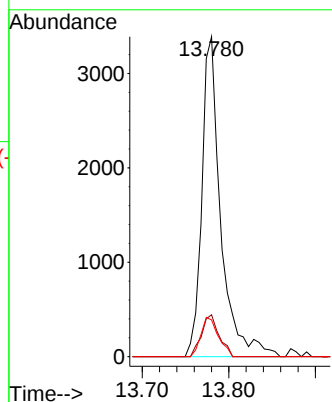
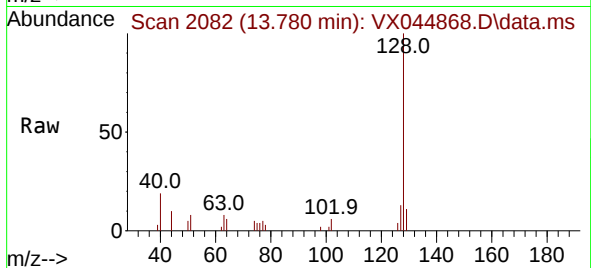
Tgt Ion:	128	Resp:	512
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.1	15.1
129	11.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#96

1,2,3-Trichlorobenzene

Concen: 0.853 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.013 min

Lab File: VX044868.D

Acq: 10 Feb 2025 10:25

Tgt Ion:	180	Resp:	1557
Ion Ratio	Lower	Upper	
180	100		
182	90.0	47.9	143.6
145	28.5	17.1	51.3

