

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044572.D
 Acq On : 31 Dec 2024 11:51
 Operator : JC/MD
 Sample : VX1231WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 01:38:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107849	43.999	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	5.373	113	82588	52.184	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	8.641	98	271603	50.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	94212	50.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	36864	17.054	ug/l 88
3) Chloromethane	1.294	50	35872	17.353	ug/l 95
4) Vinyl Chloride	1.374	62	35969	16.702	ug/l 97
5) Bromomethane	1.593	94	25953	16.987	ug/l 96
6) Chloroethane	1.666	64	25173	18.772	ug/l 100
7) Trichlorofluoromethane	1.868	101	63907	15.158	ug/l 99
8) Diethyl Ether	2.130	74	25586	17.779	ug/l 94
9) 1,1,2-Trichlorotrifluo...	2.313	101	32426	19.007	ug/l 96
10) Methyl Iodide	2.441	142	43969	19.555	ug/l 96
11) Tert butyl alcohol	2.989	59	28817	83.418	ug/l 99
12) 1,1-Dichloroethene	2.307	96	30229	19.291	ug/l 96
13) Acrolein	2.233	56	54459	108.905	ug/l 98
14) Allyl chloride	2.654	41	46743	17.909	ug/l 98
15) Acrylonitrile	3.062	53	87317	91.247	ug/l 100
16) Acetone	2.386	43	79128	79.184	ug/l 97
17) Carbon Disulfide	2.502	76	54911	18.435	ug/l 100
18) Methyl Acetate	2.703	43	46995	18.239	ug/l 96
19) Methyl tert-butyl Ether	3.111	73	108941	17.816	ug/l 98
20) Methylene Chloride	2.782	84	35558	18.945	ug/l 95
21) trans-1,2-Dichloroethene	3.081	96	30735	18.455	ug/l 98
22) Diisopropyl ether	3.757	45	102430	17.428	ug/l 91
23) Vinyl Acetate	3.715	43	444986	93.127	ug/l 98
24) 1,1-Dichloroethane	3.605	63	59009	18.012	ug/l 100
25) 2-Butanone	4.562	43	120443	84.781	ug/l 100
26) 2,2-Dichloropropane	4.465	77	47742	17.938	ug/l 97
27) cis-1,2-Dichloroethene	4.477	96	39264	18.564	ug/l 94
28) Bromochloromethane	4.885	49	30558	19.021	ug/l 89
29) Tetrahydrofuran	5.001	42	78232	85.793	ug/l 98
30) Chloroform	5.086	83	64450	17.509	ug/l 96
31) Cyclohexane	5.458	56	46766	17.677	ug/l 93
32) 1,1,1-Trichloroethane	5.373	97	54810	17.939	ug/l 98
36) 1,1-Dichloropropene	5.678	75	40390	19.743	ug/l 99
37) Ethyl Acetate	4.708	43	49579	19.606	ug/l # 91
38) Carbon Tetrachloride	5.666	117	44268	20.099	ug/l 93
39) Methylcyclohexane	7.373	83	52011	21.267	ug/l 95
40) Benzene	6.031	78	128474	20.684	ug/l 96

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Quant Time: Jan 01 01:38:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27102	20.183	ug/l	97
42) 1,2-Dichloroethane	6.080	62	51936	20.298	ug/l	99
43) Isopropyl Acetate	6.336	43	77050	19.494	ug/l	98
44) Trichloroethene	7.117	130	33449	21.595	ug/l	92
45) 1,2-Dichloropropane	7.428	63	30628	19.301	ug/l	99
46) Dibromomethane	7.574	93	25897	21.036	ug/l	93
47) Bromodichloromethane	7.818	83	42637	20.053	ug/l	95
48) Methyl methacrylate	7.690	41	36701	19.129	ug/l	95
49) 1,4-Dioxane	7.665	88	9714m	305.371	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	246547	97.013	ug/l	98
52) Toluene	8.714	92	80458	20.627	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44614	20.744	ug/l	90
54) cis-1,3-Dichloropropene	8.360	75	47987	20.728	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	33505	21.622	ug/l	96
56) Ethyl methacrylate	9.116	69	49599	20.276	ug/l	96
57) 1,3-Dichloropropane	9.305	76	57245	21.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	104511	84.705	ug/l	96
59) 2-Hexanone	9.427	43	180065	97.888	ug/l	100
60) Dibromochloromethane	9.519	129	32372	20.990	ug/l	99
61) 1,2-Dibromoethane	9.604	107	35338	22.404	ug/l	98
64) Tetrachloroethene	9.269	164	30139	22.747	ug/l	94
65) Chlorobenzene	10.073	112	89550	20.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	28812	20.958	ug/l	95
67) Ethyl Benzene	10.189	91	148282	20.062	ug/l	96
68) m/p-Xylenes	10.299	106	113080	41.695	ug/l	95
69) o-Xylene	10.640	106	55948	20.389	ug/l	96
70) Styrene	10.653	104	92179	20.955	ug/l	95
71) Bromoform	10.799	173	19390	22.170	ug/l #	99
73) Isopropylbenzene	10.957	105	141981	19.550	ug/l	97
74) N-amyl acetate	10.842	43	60157	17.923	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	48891	19.382	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40779m	19.252	ug/l	
77) Bromobenzene	11.195	156	37497	21.292	ug/l	89
78) n-propylbenzene	11.299	91	157850	19.665	ug/l	98
79) 2-Chlorotoluene	11.360	91	97092	18.703	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	118618	19.695	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12019	20.024	ug/l	98
82) 4-Chlorotoluene	11.451	91	111274	19.357	ug/l	98
83) tert-Butylbenzene	11.713	119	119972	20.156	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	121137	20.480	ug/l	99
85) sec-Butylbenzene	11.890	105	144412	19.986	ug/l	98
86) p-Isopropyltoluene	12.006	119	122588	20.384	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	65819	21.396	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	64446	20.379	ug/l	99
89) n-Butylbenzene	12.329	91	98728	19.523	ug/l	99
90) Hexachloroethane	12.536	117	16961	19.320	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	65060	20.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8658	17.681	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	37112	21.192	ug/l	97
94) Hexachlorobutadiene	13.725	225	15863	22.520	ug/l	96
95) Naphthalene	13.774	128	132642	19.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39953	21.510	ug/l	98

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ALS Vial : 34 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/02/2025

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

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

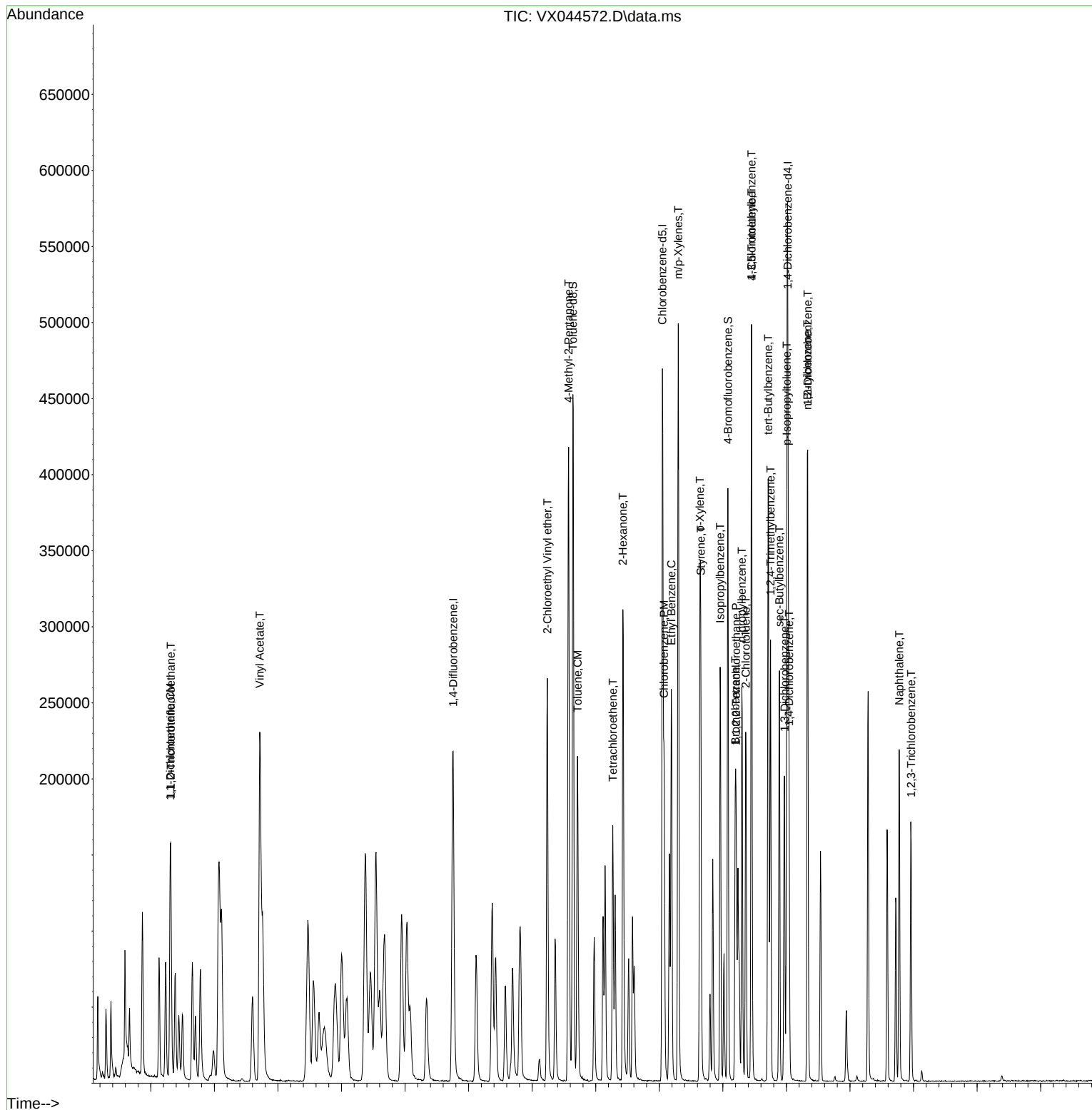
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
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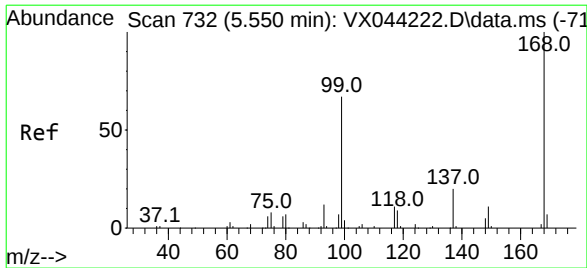
Instrument :
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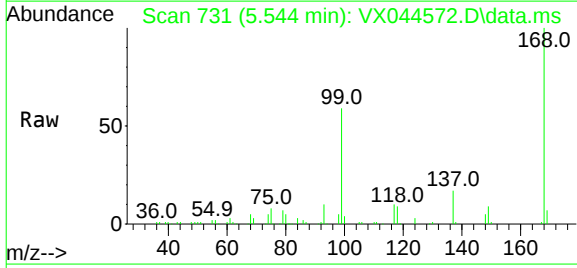
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

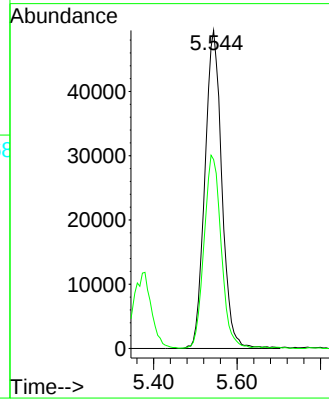
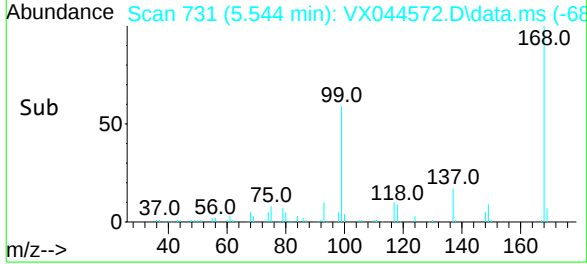
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 168 Resp: 139800
Ion Ratio Lower Upper
168 100
99 59.3 53.4 80.0

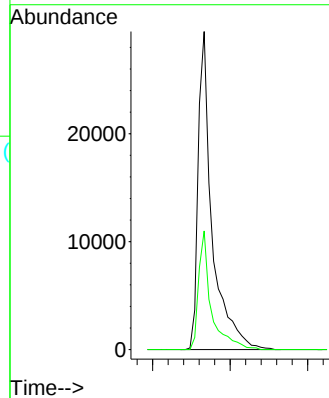
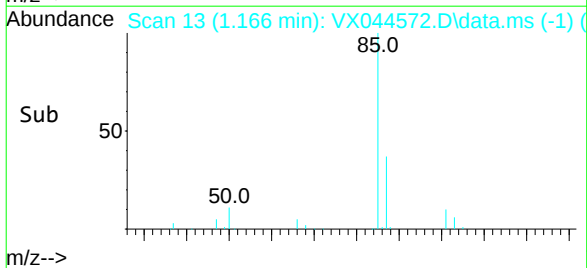
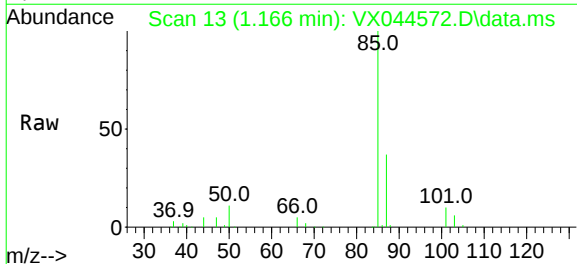
Manual Integrations
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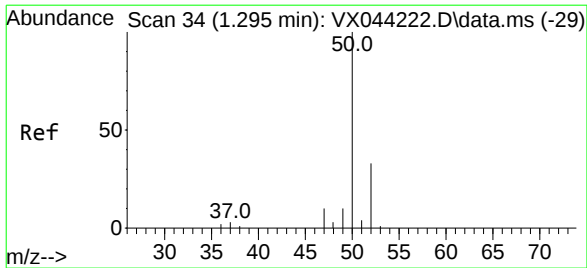
Reviewed By : John Carlone 01/02/2025
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#2
Dichlorodifluoromethane
Concen: 17.054 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

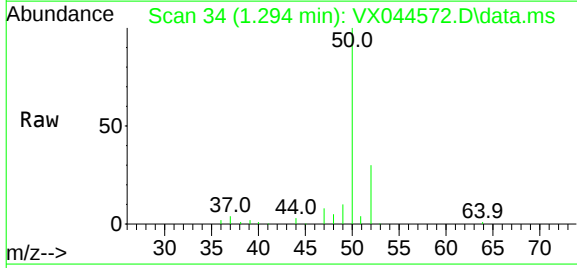
Tgt Ion: 85 Resp: 36864
Ion Ratio Lower Upper
85 100
87 37.3 15.4 46.4





#3
Chloromethane
Concen: 17.353 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

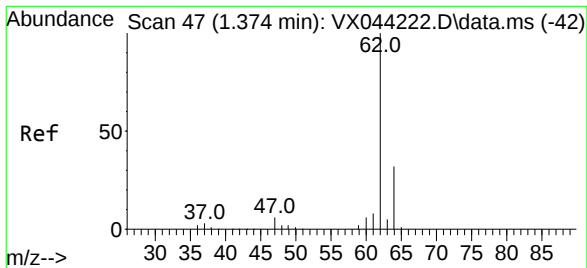
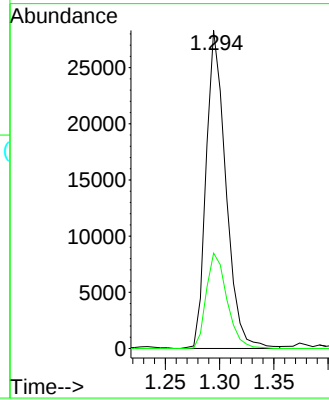
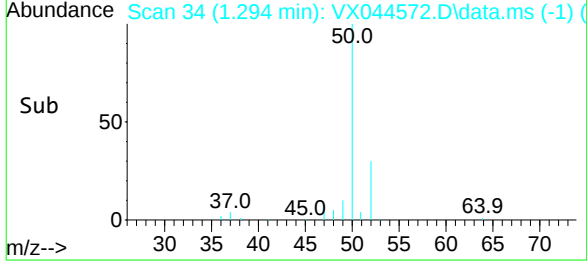
Instrument :
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VX1231WBSD02



Tgt Ion: 50 Resp: 35872
Ion Ratio Lower Upper
50 100
52 30.0 26.5 39.7

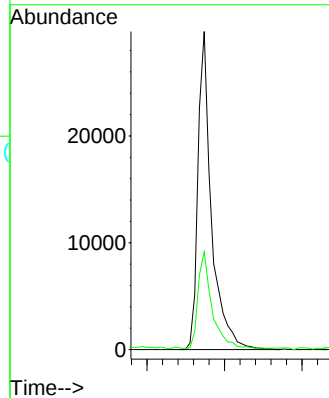
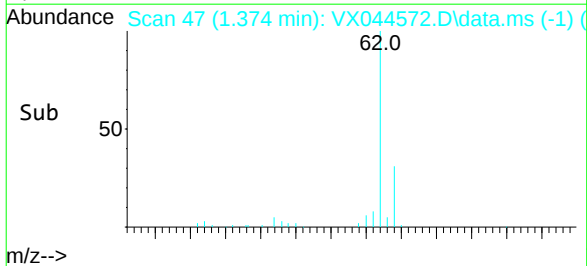
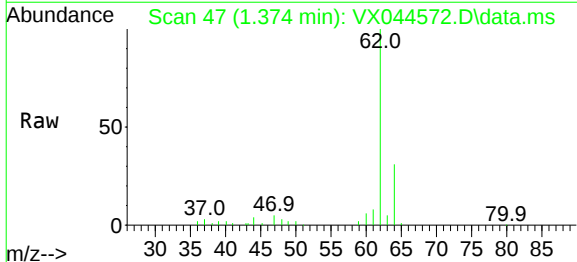
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#4
Vinyl Chloride
Concen: 16.702 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

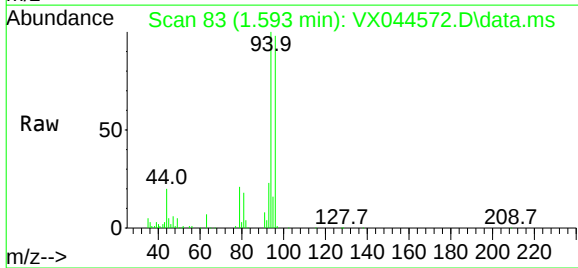
Tgt Ion: 62 Resp: 35969
Ion Ratio Lower Upper
62 100
64 30.3 25.7 38.5





#5
Bromomethane
Concen: 16.987 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

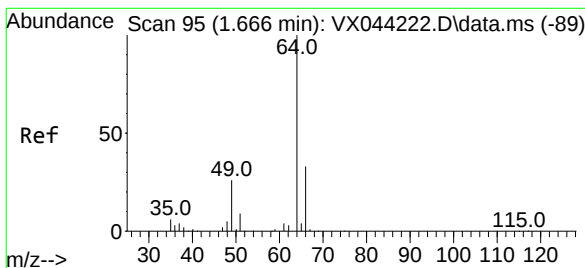
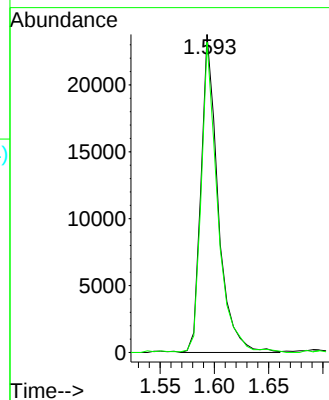
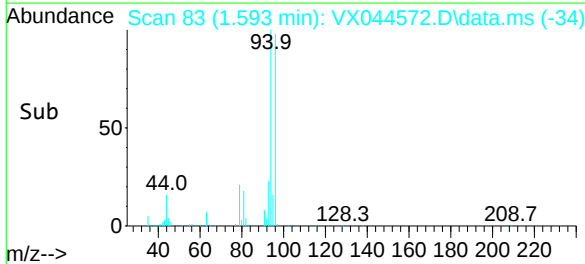
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 25953
Ion Ratio Lower Upper
94 100
96 97.3 74.9 112.3

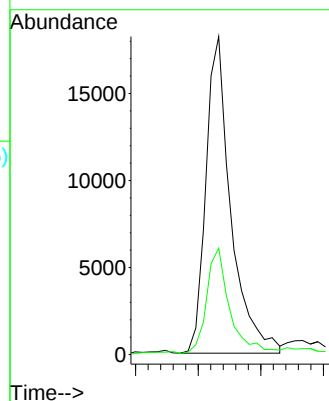
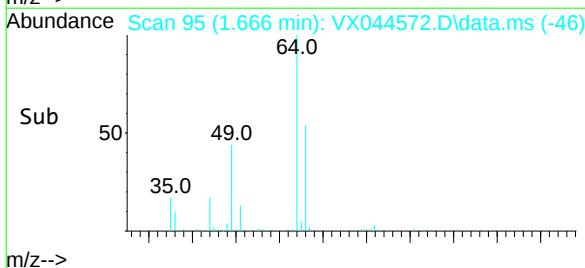
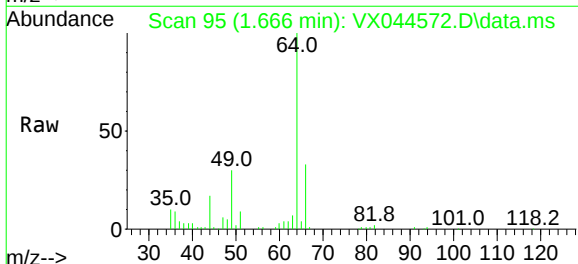
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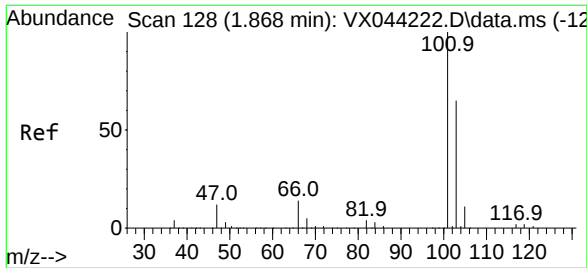
Reviewed By :John Carlone 01/02/2025
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#6
Chloroethane
Concen: 18.772 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

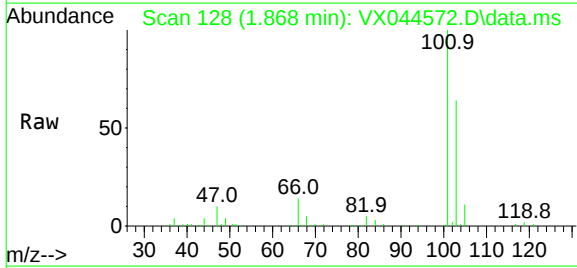
Tgt Ion: 64 Resp: 25173
Ion Ratio Lower Upper
64 100
66 33.3 26.6 39.8





#7
Trichlorofluoromethane
Concen: 15.158 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

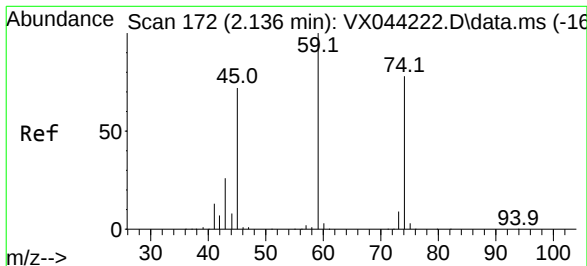
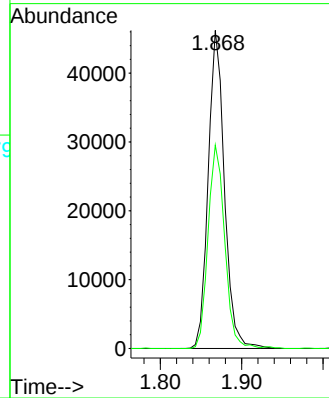
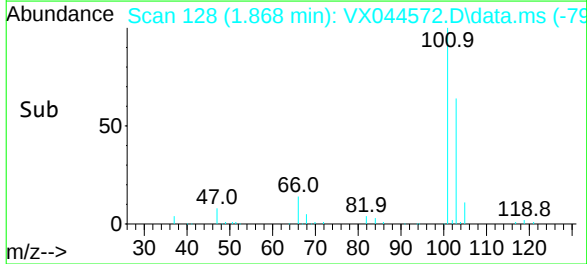
Instrument :
MSVOA_X
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VX1231WBSD02



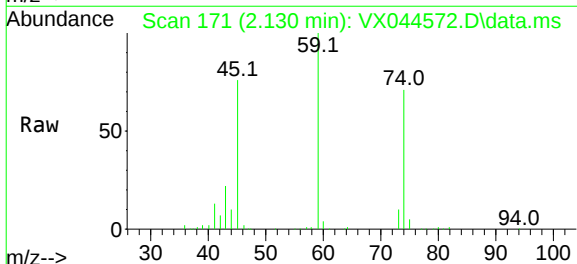
Tgt Ion:101 Resp: 63907
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8

Manual Integrations
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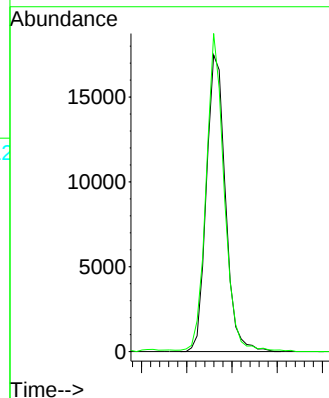
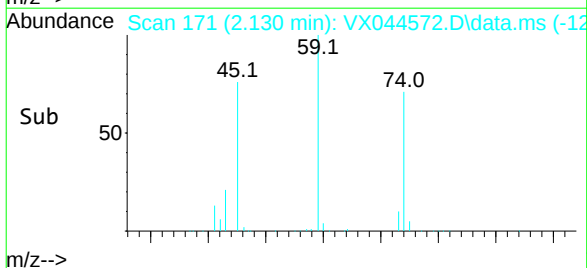
Reviewed By :John Carlone 01/02/2025
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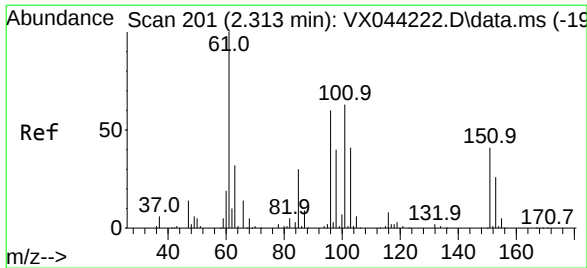


#8
Diethyl Ether
Concen: 17.779 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51



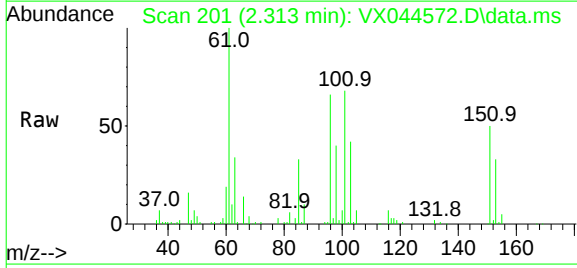
Tgt Ion: 74 Resp: 25586
Ion Ratio Lower Upper
74 100
45 102.2 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.007 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

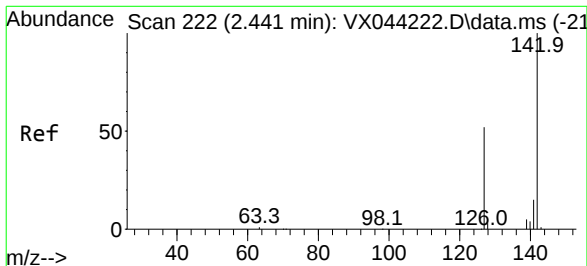
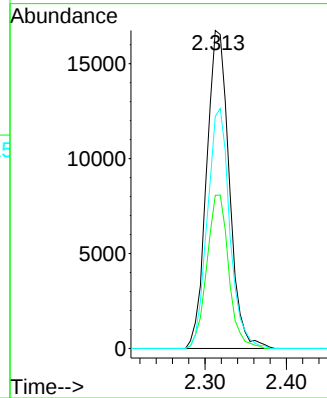
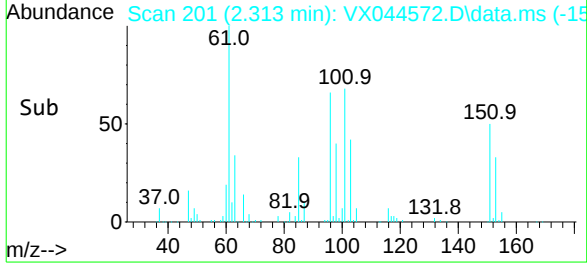
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion:101 Resp: 32426
Ion Ratio Lower Upper
101 100
85 46.6 38.5 57.7
151 74.4 55.8 83.6

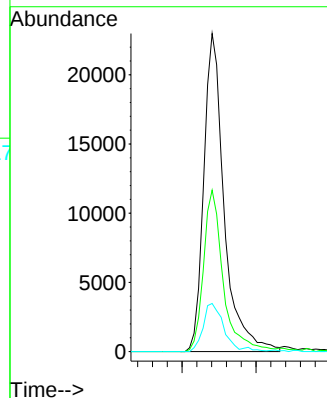
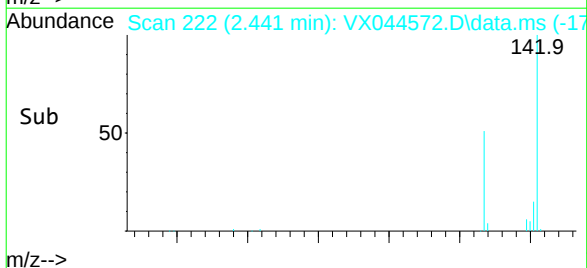
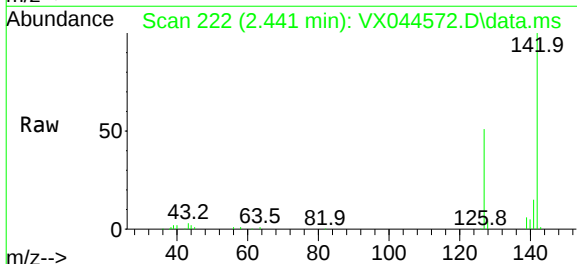
Manual Integrations
APPROVED

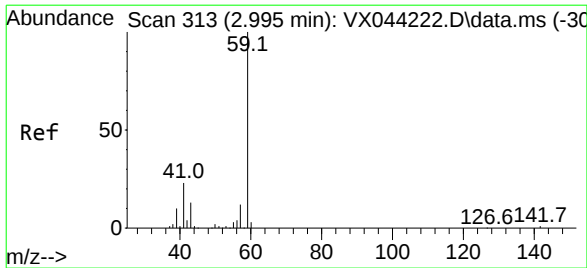
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#10
Methyl Iodide
Concen: 19.555 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion:142 Resp: 43969
Ion Ratio Lower Upper
142 100
127 49.0 41.8 62.8
141 15.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 83.418 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

Tgt Ion: 59 Resp: 28817

Ion Ratio Lower Upper

59 100

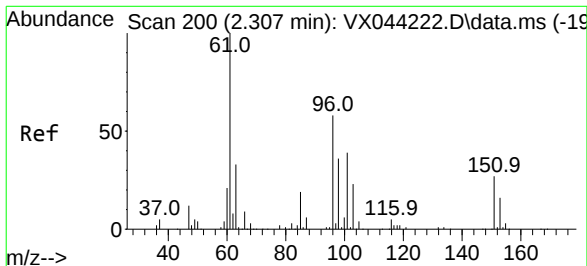
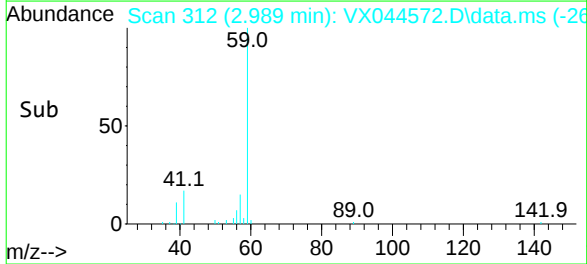
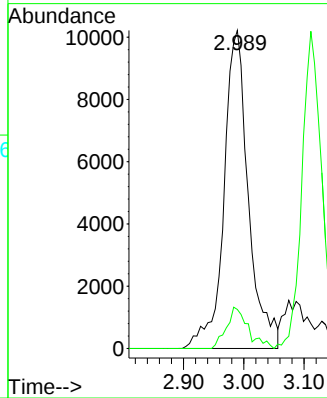
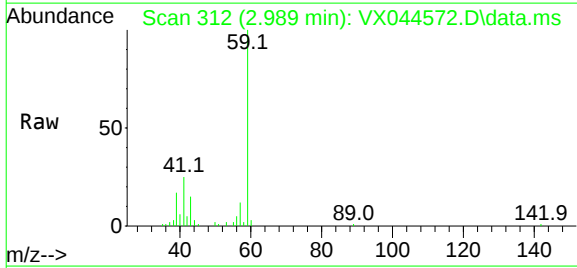
57 11.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 19.291 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

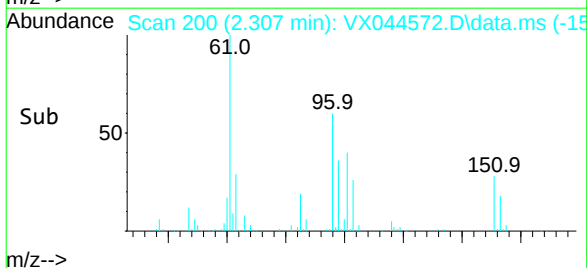
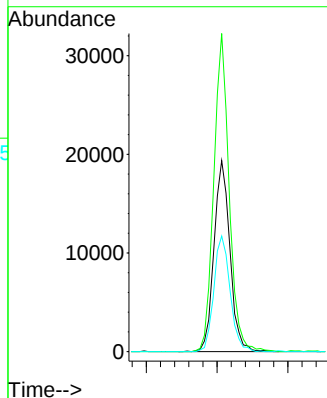
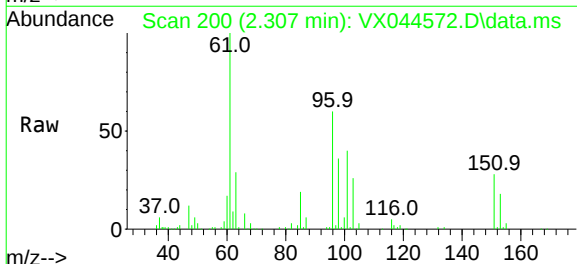
Tgt Ion: 96 Resp: 30229

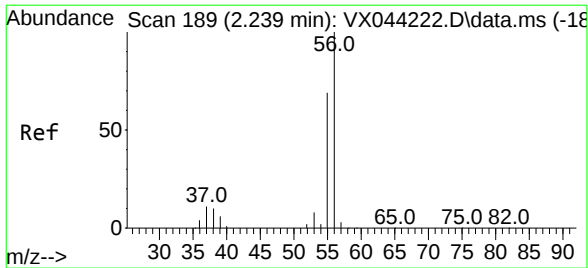
Ion Ratio Lower Upper

96 100

61 166.5 138.0 207.0

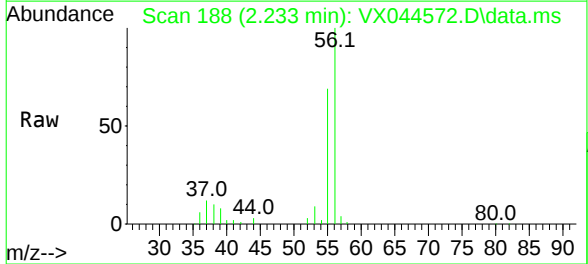
98 60.5 50.0 75.0





#13
Acrolein
Concen: 108.905 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

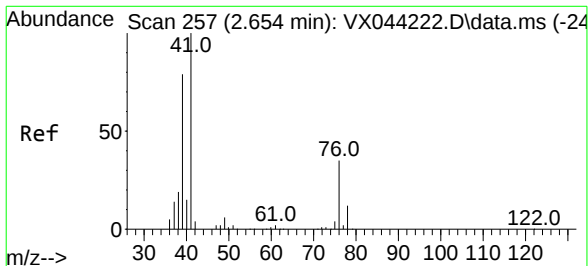
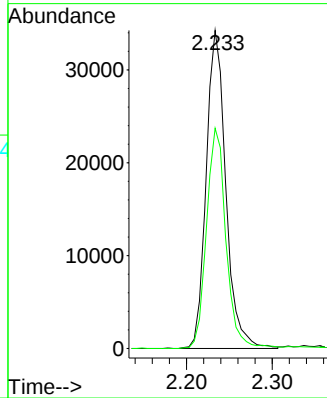
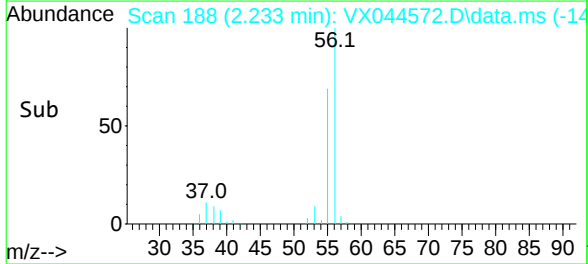
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 56 Resp: 54459
Ion Ratio Lower Upper
56 100
55 68.8 56.6 84.8

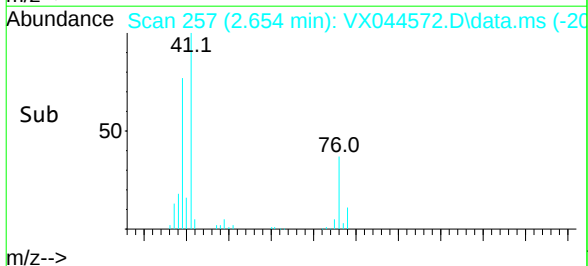
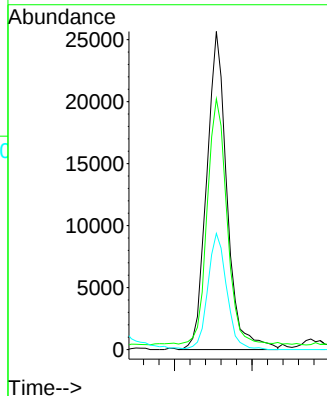
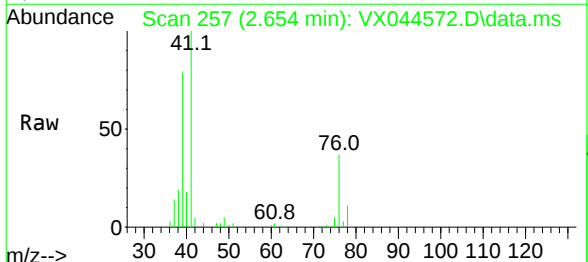
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 17.909 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 41 Resp: 46743
Ion Ratio Lower Upper
41 100
39 75.4 61.9 92.9
76 33.9 27.4 41.2





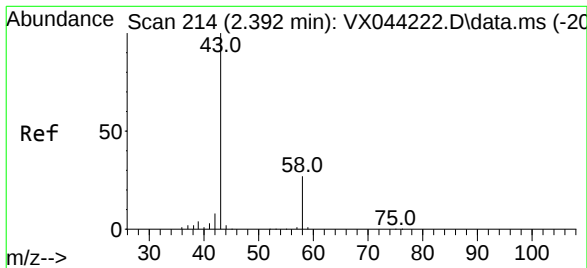
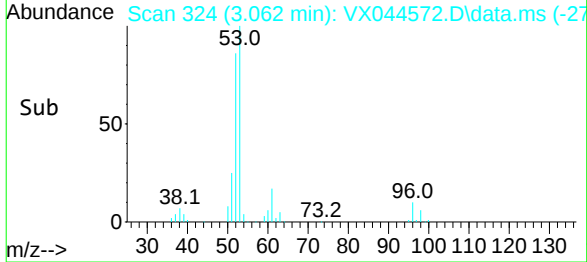
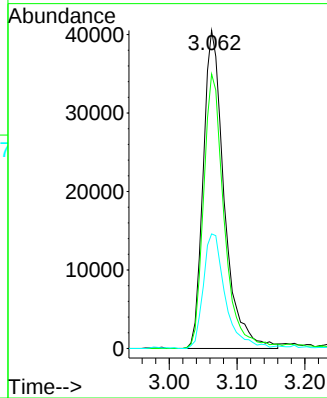
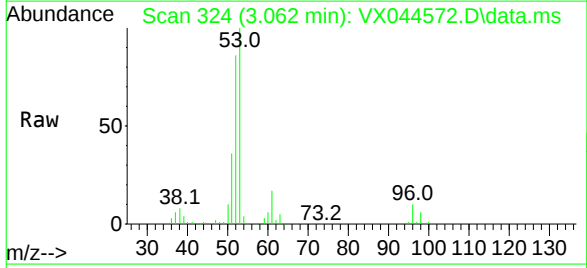
#15
Acrylonitrile
Concen: 91.247 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 53 Resp: 87317
Ion Ratio Lower Upper
53 100
52 84.3 67.4 101.0
51 37.6 30.3 45.5

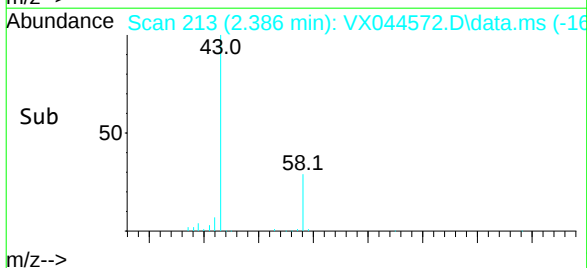
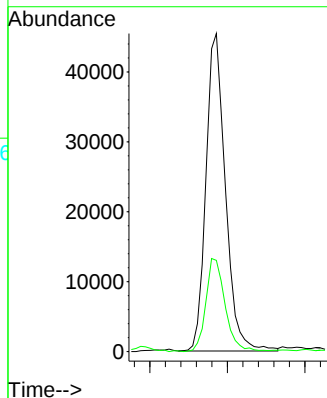
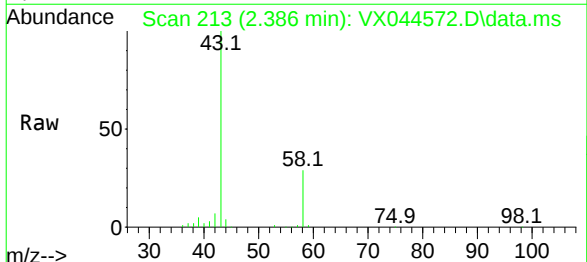
Manual Integrations
APPROVED

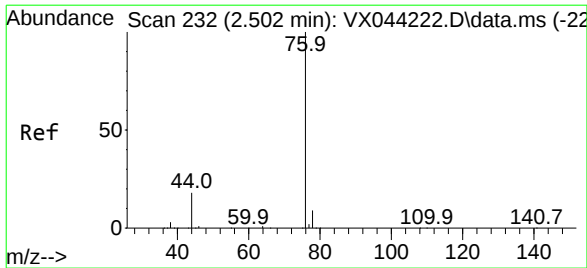
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#16
Acetone
Concen: 79.184 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 43 Resp: 79128
Ion Ratio Lower Upper
43 100
58 28.5 21.6 32.4





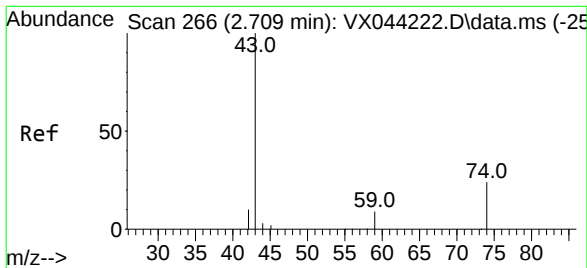
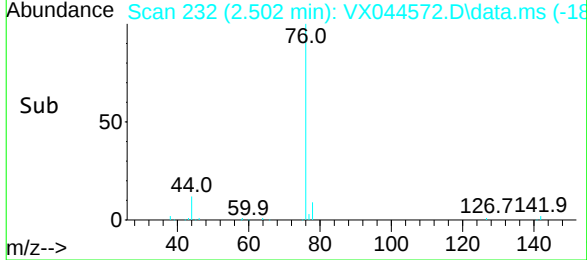
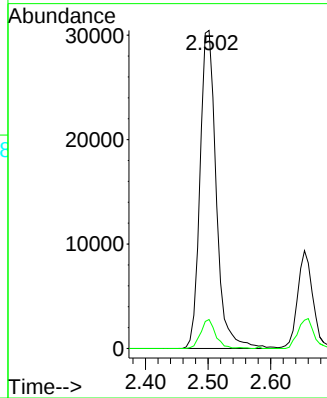
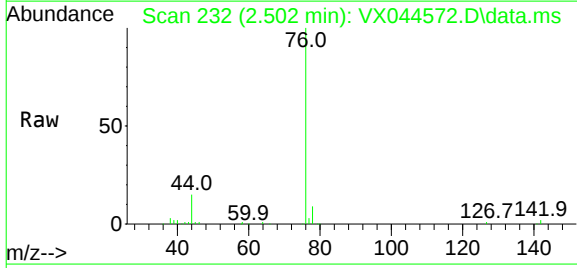
#17
Carbon Disulfide
Concen: 18.435 ug/l
RT: 2.502 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 76 Resp: 54911
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

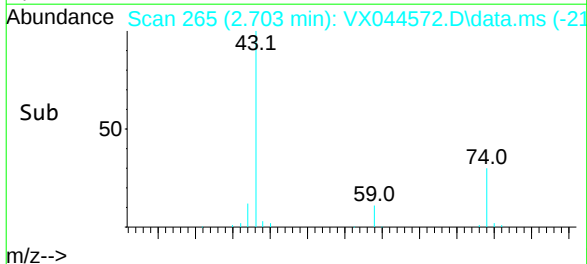
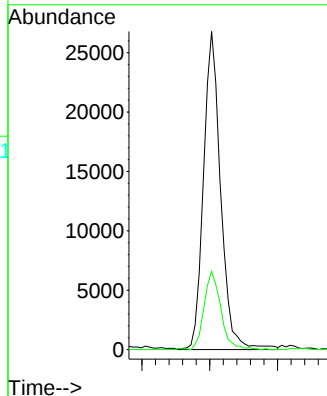
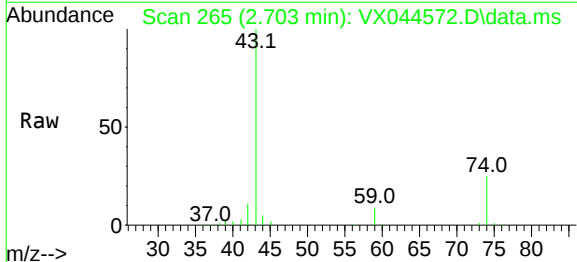
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 18.239 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 43 Resp: 46995
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5





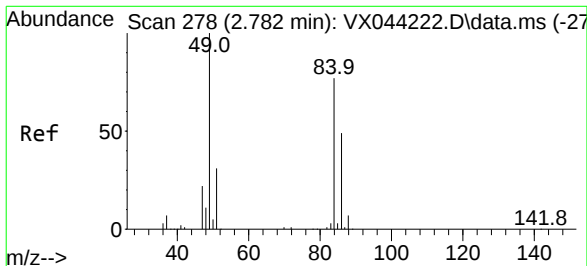
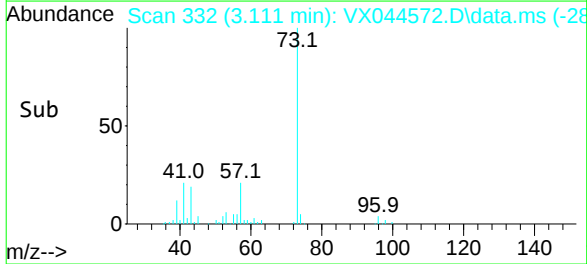
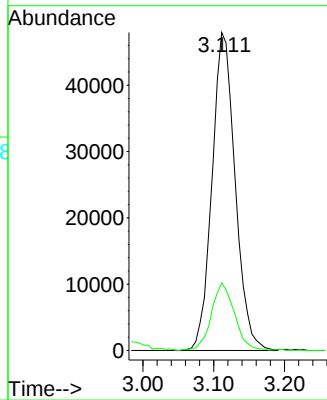
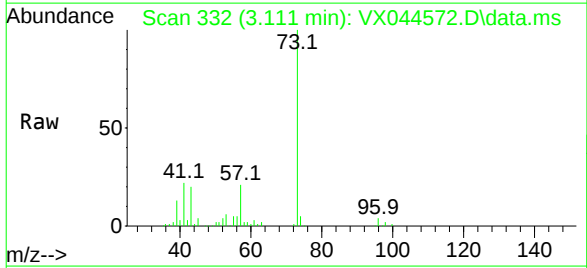
#19
Methyl tert-butyl Ether
Concen: 17.816 ug/l
RT: 3.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 73 Resp: 108941
Ion Ratio Lower Upper
73 100
57 21.2 16.2 24.4

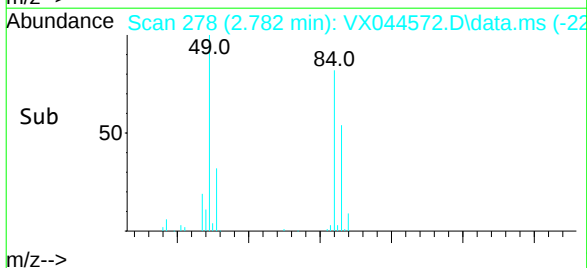
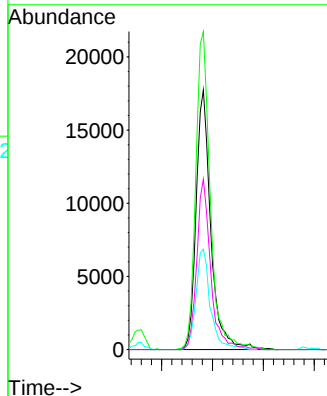
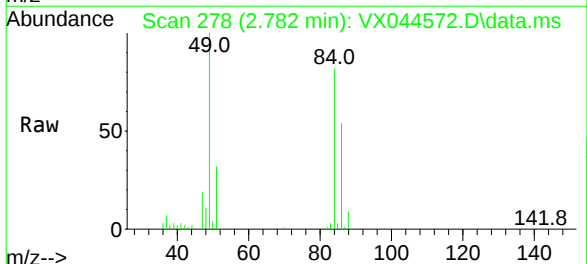
Manual Integrations
APPROVED

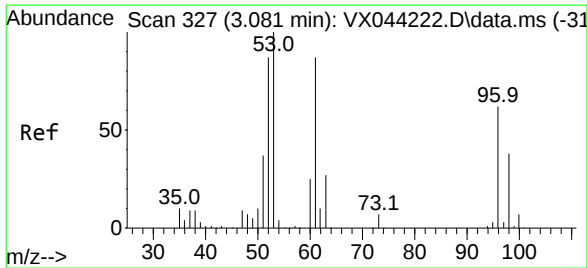
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#20
Methylene Chloride
Concen: 18.945 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

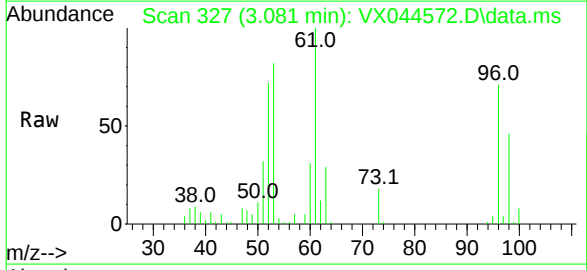
Tgt Ion: 84 Resp: 35558
Ion Ratio Lower Upper
84 100
49 122.5 104.2 156.4
51 38.7 32.2 48.4
86 65.6 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 18.455 ug/l
RT: 3.081 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

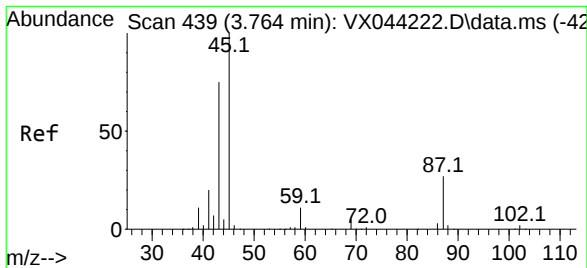
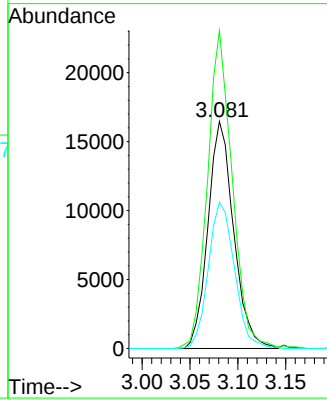
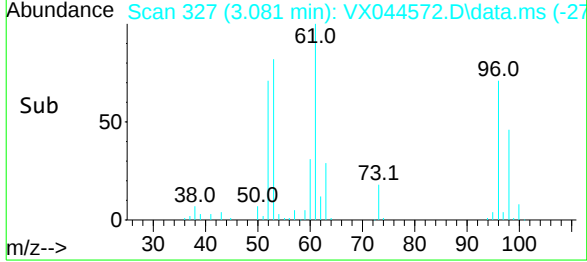
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



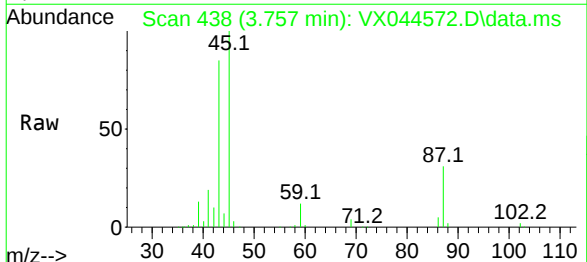
Tgt Ion: 96 Resp: 30735
Ion Ratio Lower Upper
96 100
61 139.7 112.0 168.0
98 64.4 48.8 73.2

Manual Integrations
APPROVED

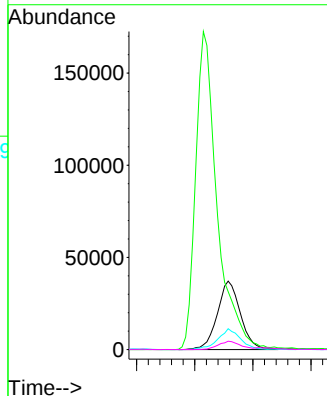
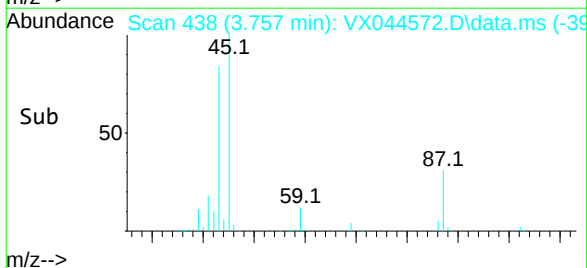
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

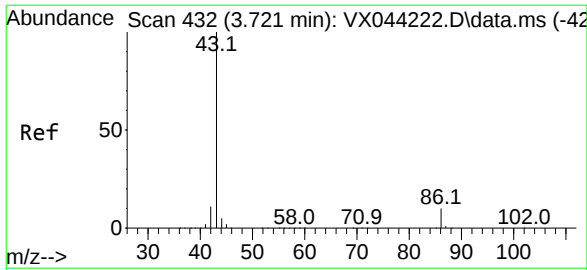


#22
Diisopropyl ether
Concen: 17.428 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51



Tgt Ion: 45 Resp: 102430
Ion Ratio Lower Upper
45 100
43 84.1 60.2 90.2
87 30.5 21.2 31.8
59 12.2 8.9 13.3





#23

Vinyl Acetate

Concen: 93.127 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

Tgt Ion: 43 Resp: 444986

Ion Ratio Lower Upper

43 100

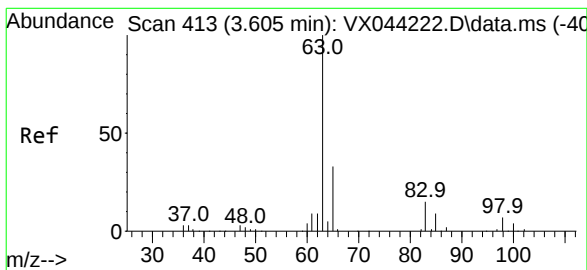
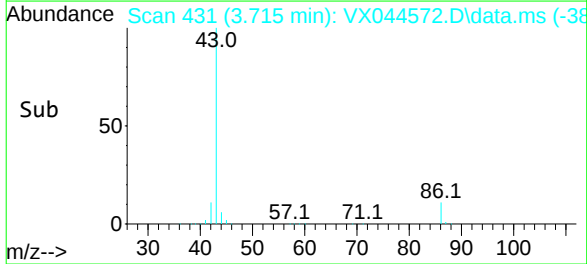
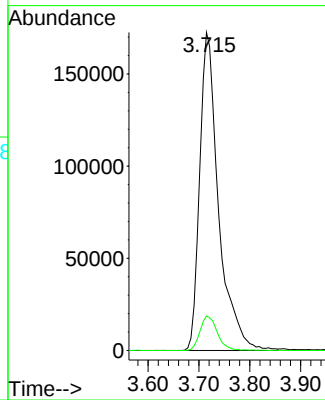
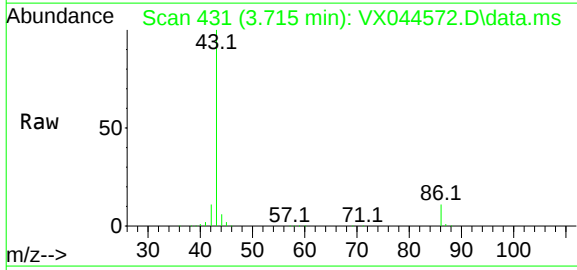
86 10.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#24

1,1-Dichloroethane

Concen: 18.012 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

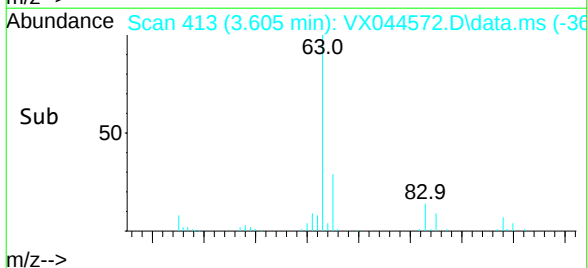
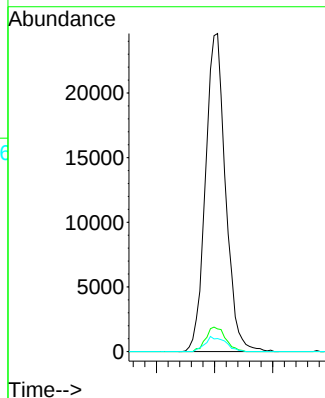
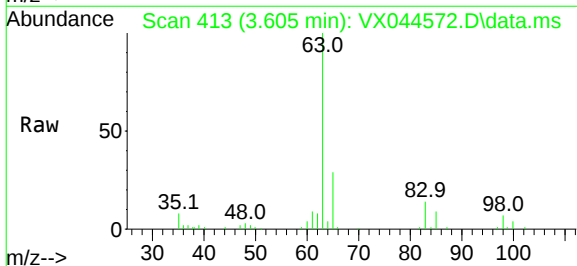
Tgt Ion: 63 Resp: 59009

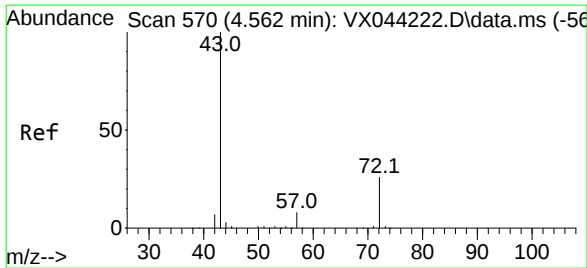
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.1 6.3





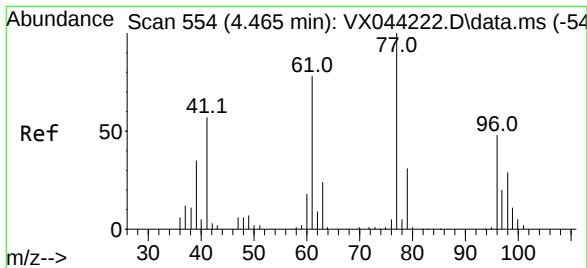
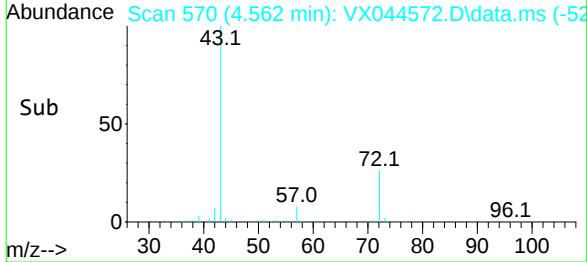
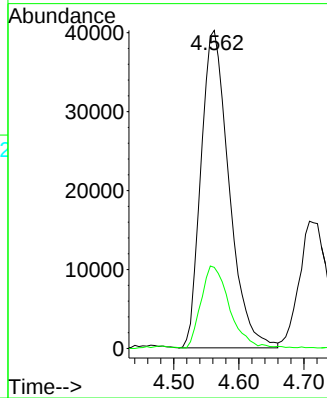
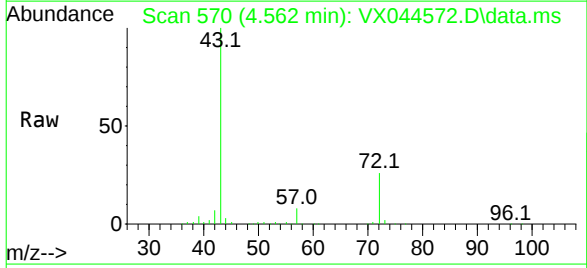
#25
2-Butanone
Concen: 84.781 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 43 Resp: 120443
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

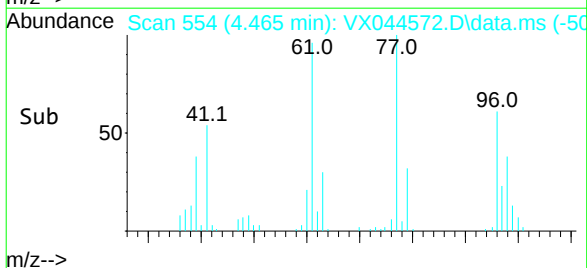
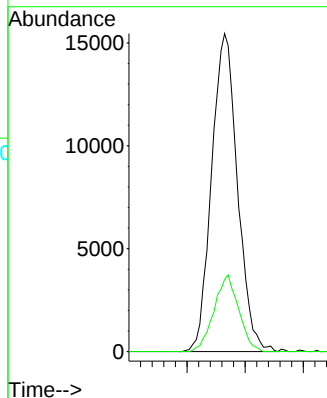
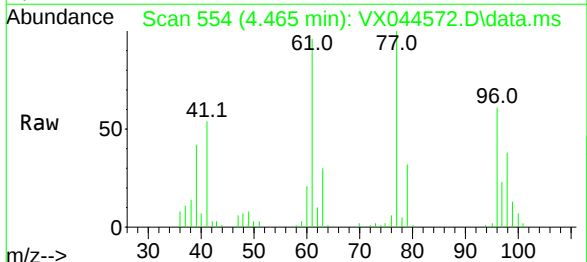
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 17.938 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

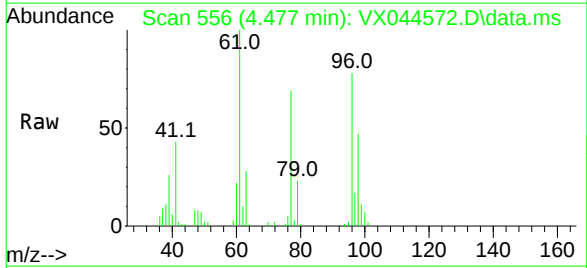
Tgt Ion: 77 Resp: 47742
Ion Ratio Lower Upper
77 100
97 22.9 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 18.564 ug/l
RT: 4.477 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

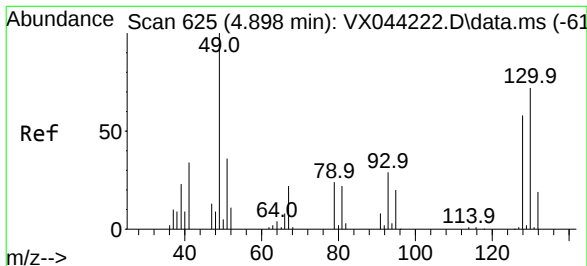
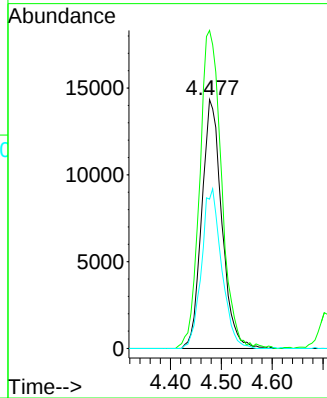
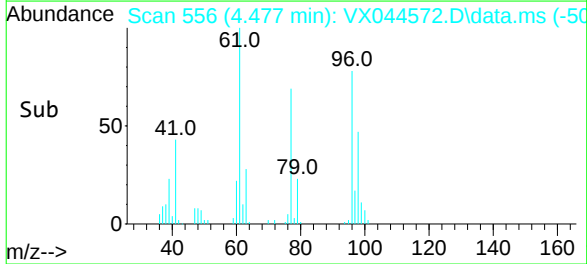
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 96 Resp: 39264
Ion Ratio Lower Upper
96 100
61 139.4 0.0 299.0
98 64.3 0.0 129.0

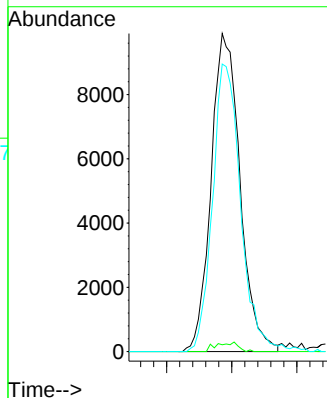
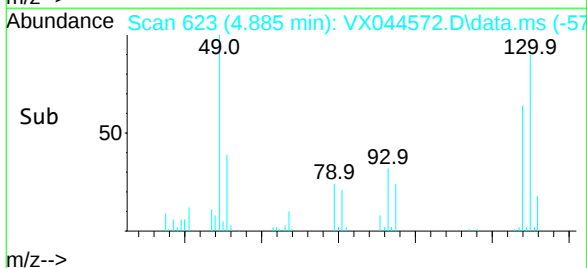
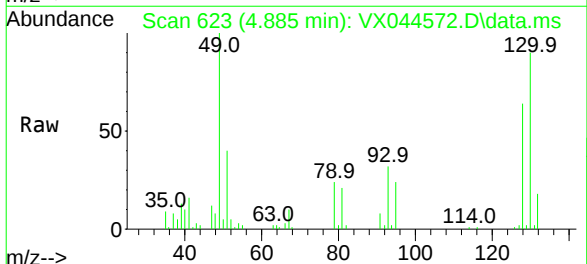
Manual Integrations
APPROVED

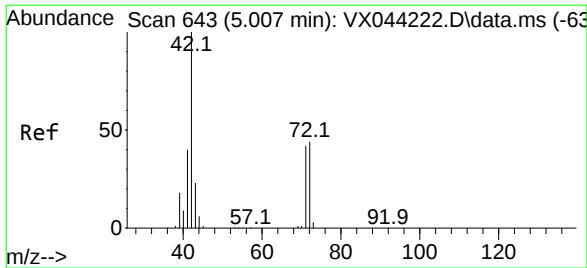
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#28
Bromochloromethane
Concen: 19.021 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 49 Resp: 30558
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 87.6 62.1 93.1





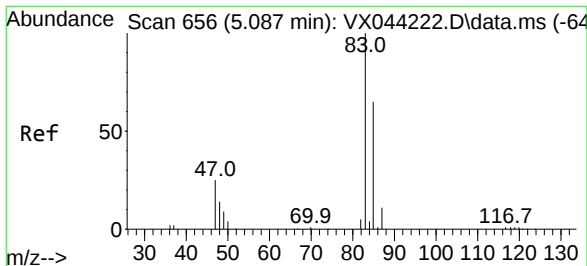
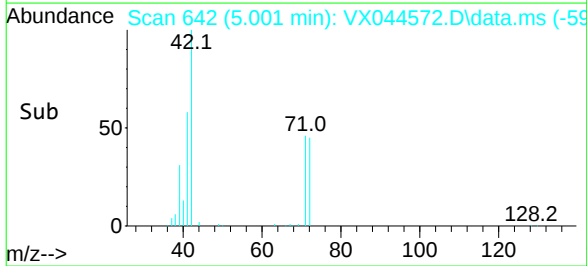
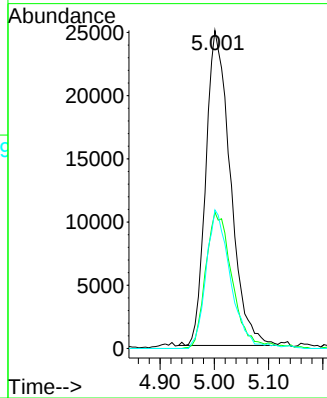
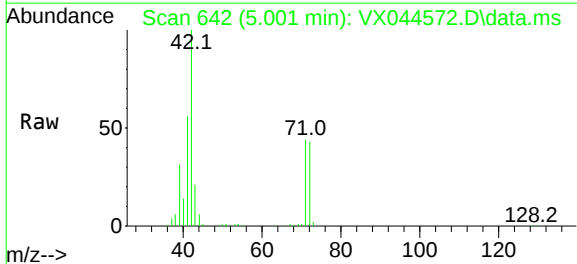
#29
Tetrahydrofuran
Concen: 85.793 ug/l
RT: 5.001 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 42 Resp: 78232
Ion Ratio Lower Upper
42 100
72 47.4 37.0 55.6
71 44.1 33.6 50.4

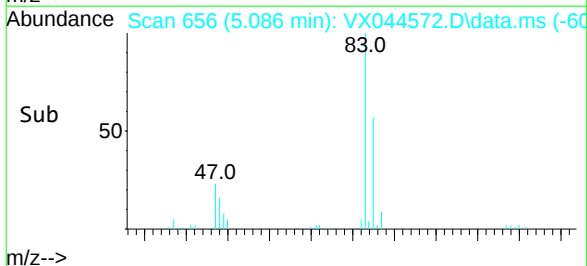
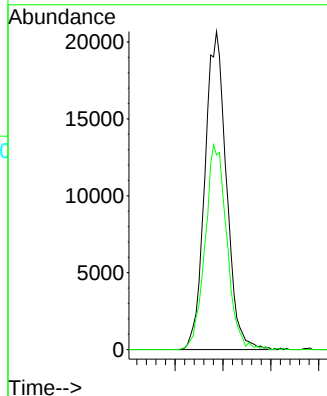
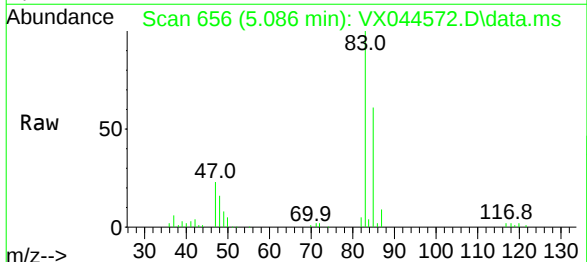
Manual Integrations
APPROVED

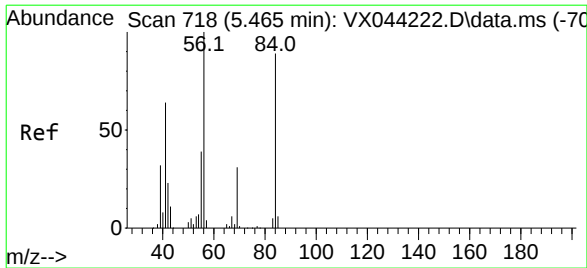
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 17.509 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 83 Resp: 64450
Ion Ratio Lower Upper
83 100
85 61.2 51.6 77.4





#31

Cyclohexane

Concen: 17.677 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044572.D

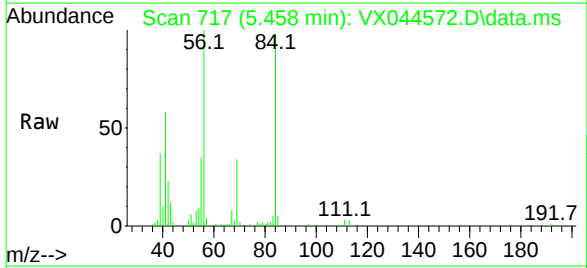
Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02



Tgt Ion: 56 Resp: 46766

Ion Ratio Lower Upper

56 100

69 33.8 24.7 37.1

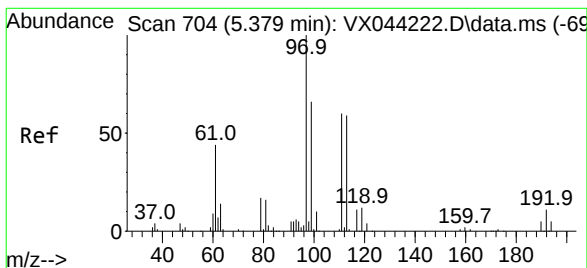
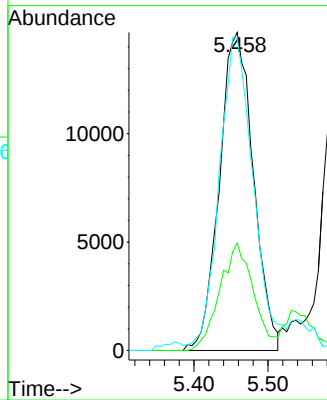
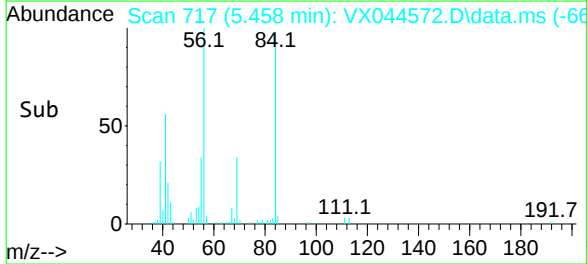
84 95.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#32

1,1,1-Trichloroethane

Concen: 17.939 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

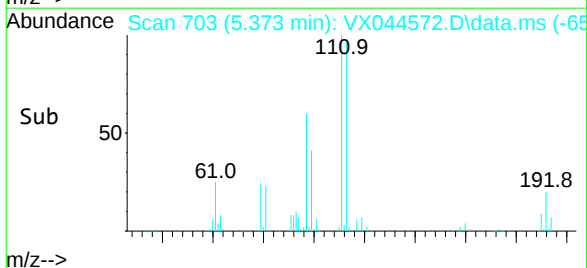
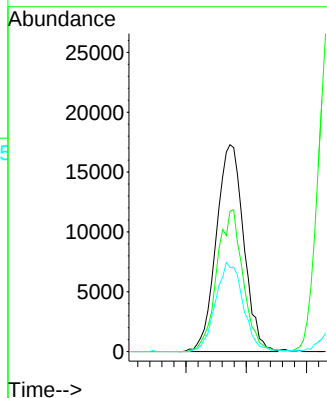
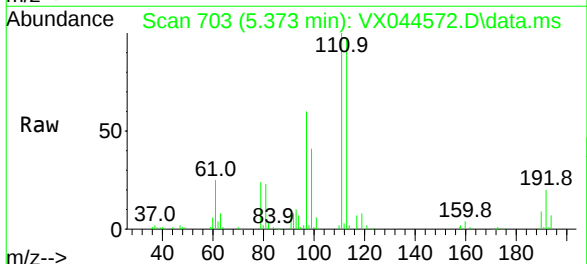
Tgt Ion: 97 Resp: 54810

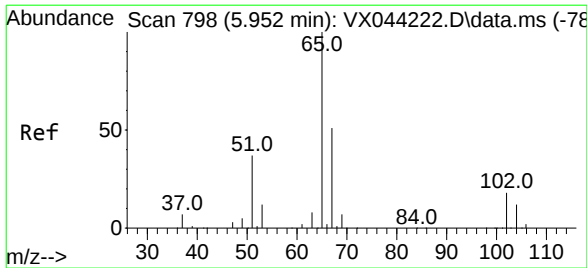
Ion Ratio Lower Upper

97 100

99 65.1 50.8 76.2

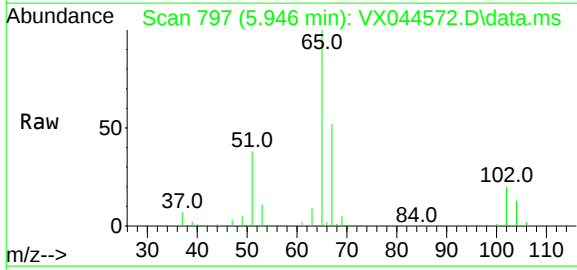
61 43.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 43.999 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

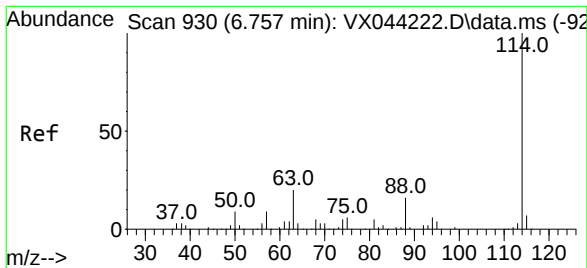
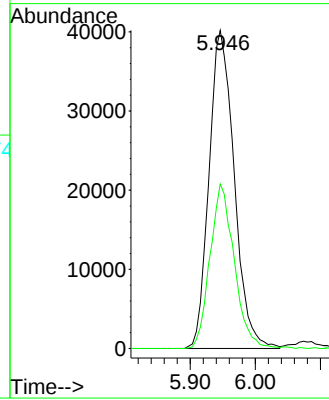
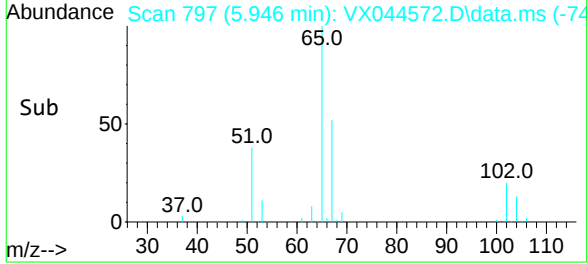
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



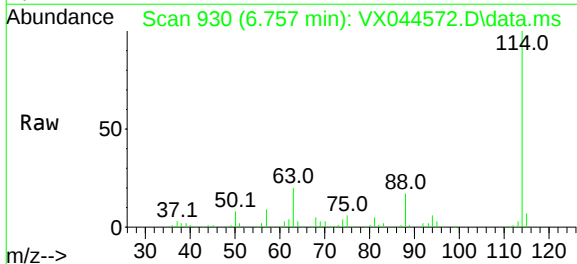
Tgt Ion: 65 Resp: 107849
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6

Manual Integrations
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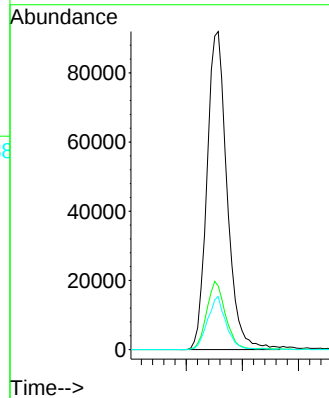
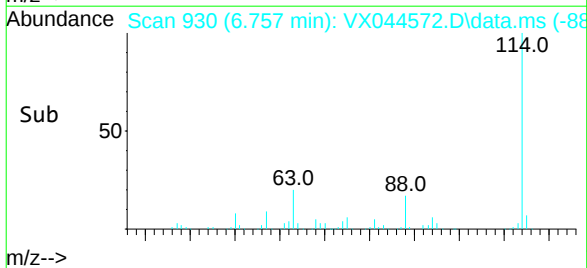
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

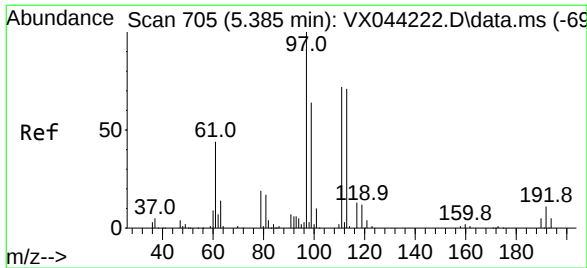


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51



Tgt Ion:114 Resp: 228508
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.6
88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.184 ug/l

RT: 5.373 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

Tgt Ion:113 Resp: 82588

Ion Ratio Lower Upper

113 100

111 102.9 80.4 120.6

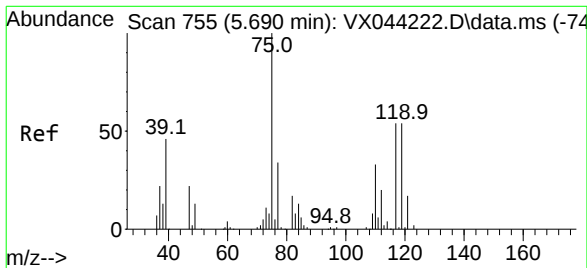
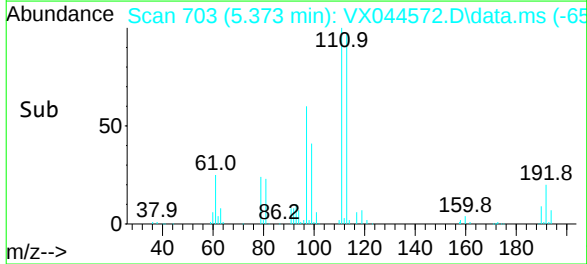
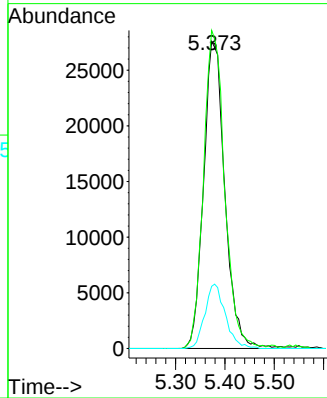
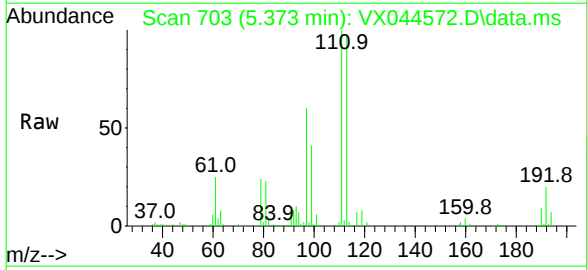
192 20.2 13.3 19.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#36

1,1-Dichloropropene

Concen: 19.743 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.012 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

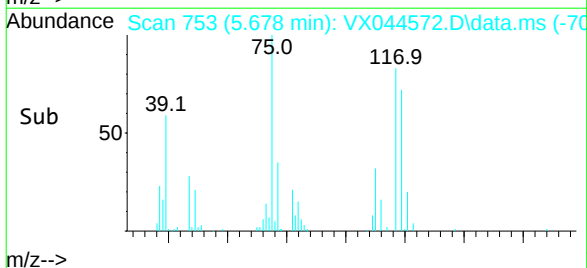
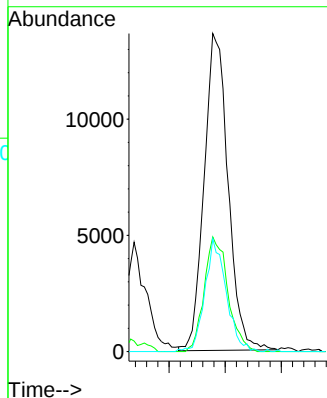
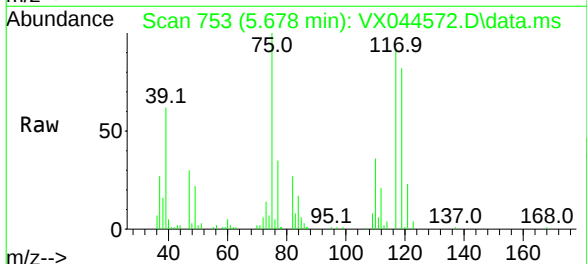
Tgt Ion: 75 Resp: 40390

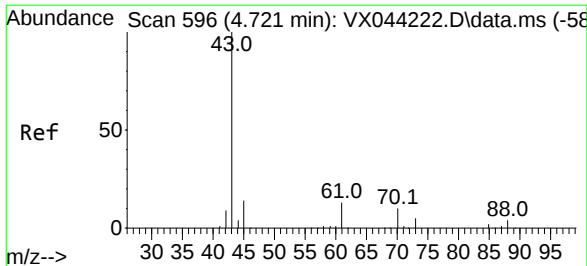
Ion Ratio Lower Upper

75 100

110 35.7 17.3 51.7

77 31.7 25.4 38.0





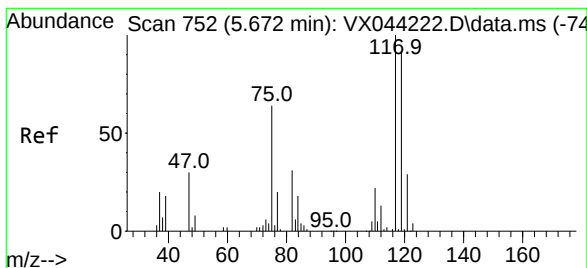
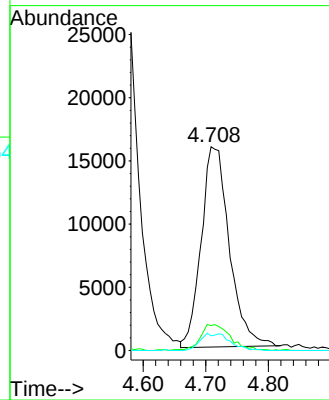
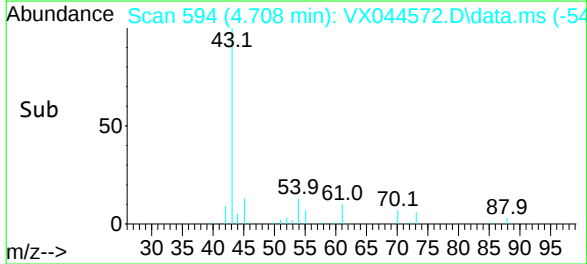
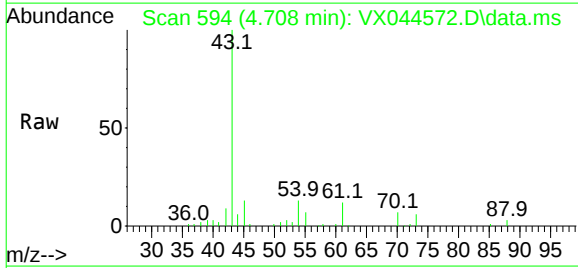
#37
Ethyl Acetate
Concen: 19.606 ug/l
RT: 4.708 min Scan# 59
Delta R.T. -0.012 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 43	Resp: 49579
Ion Ratio	Lower Upper
43 100	
61 13.7	9.8 14.8
70 3.7	7.7 11.5

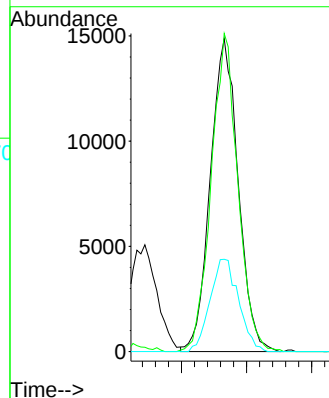
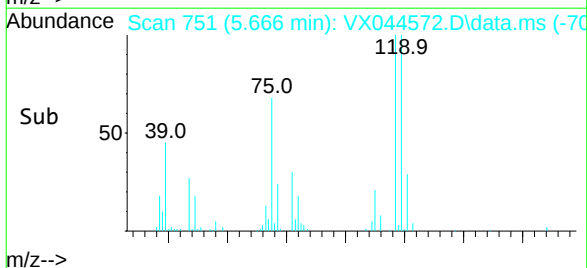
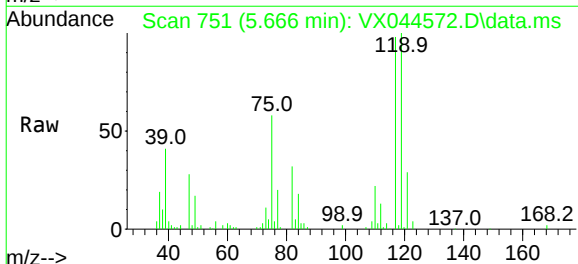
Manual Integrations
APPROVED

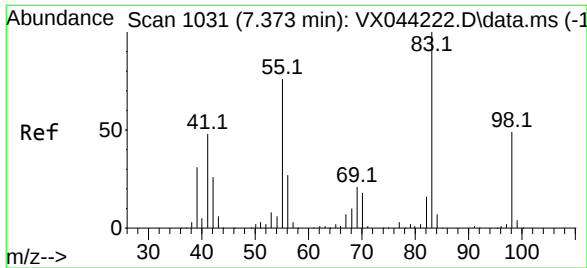
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 20.099 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 117	Resp: 44268
Ion Ratio	Lower Upper
117 100	
119 101.2	74.2 111.4
121 29.5	23.0 34.6





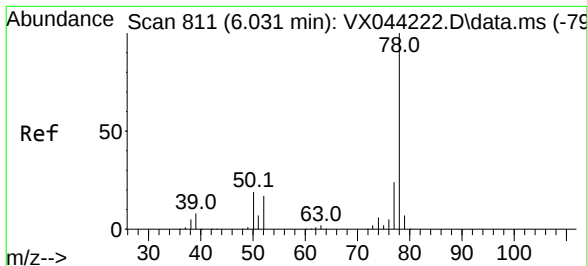
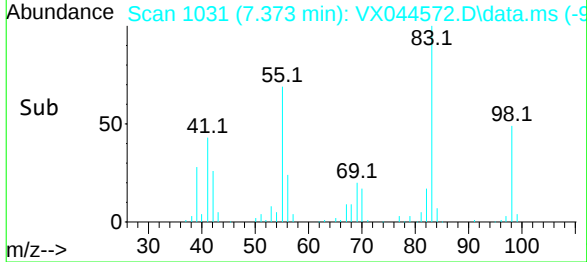
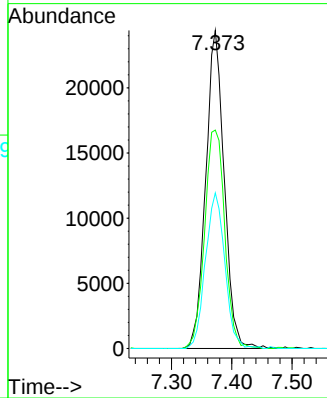
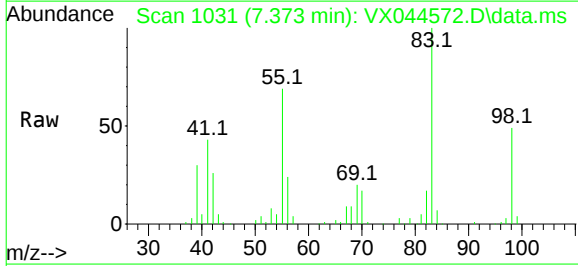
#39
Methylcyclohexane
Concen: 21.267 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 83 Resp: 52011
Ion Ratio Lower Upper
83 100
55 68.7 60.7 91.1
98 48.9 38.9 58.3

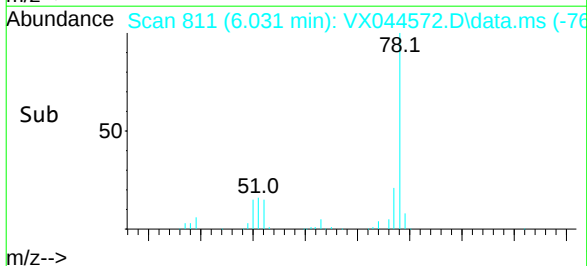
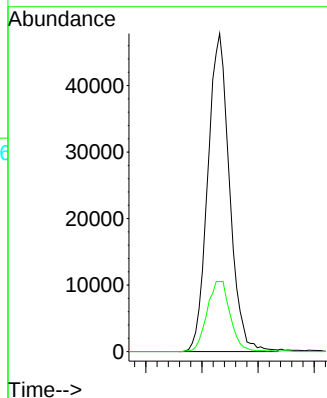
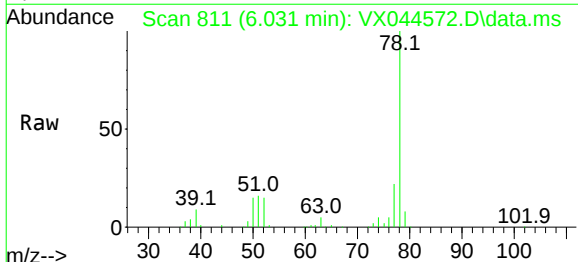
Manual Integrations
APPROVED

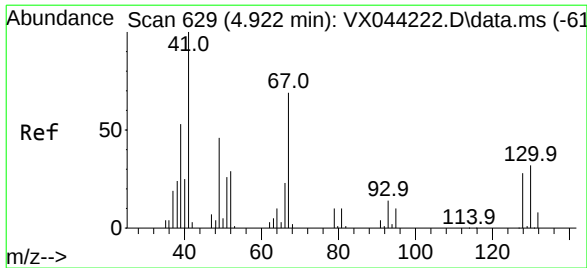
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 20.684 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 78 Resp: 128474
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9





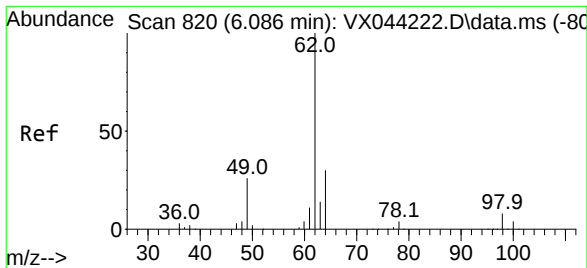
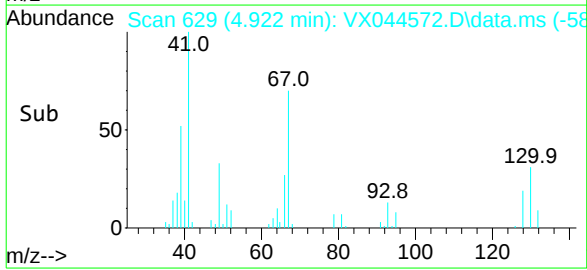
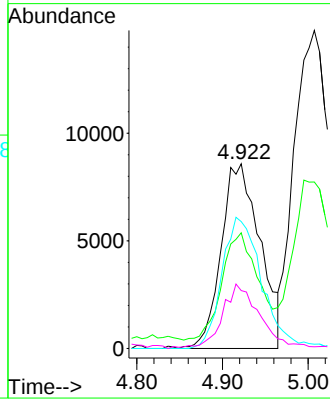
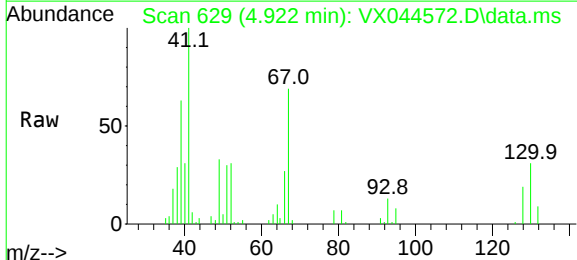
#41
Methacrylonitrile
Concen: 20.183 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 41 Resp: 27102
Ion Ratio Lower Upper
41 100
39 53.7 44.2 66.4
67 73.3 57.2 85.8
52 33.5 24.6 37.0

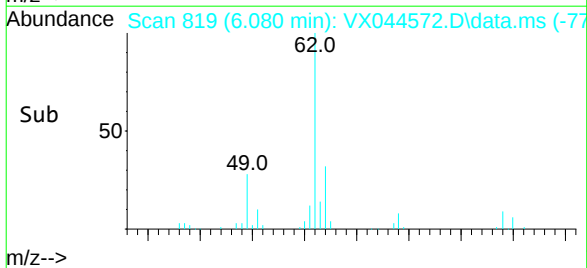
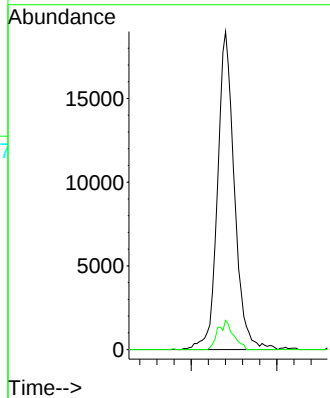
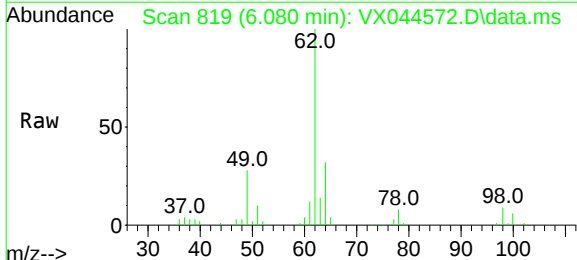
Manual Integrations
APPROVED

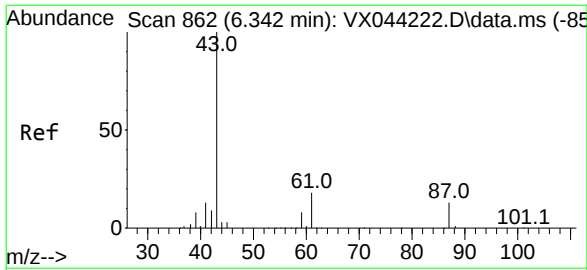
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 20.298 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 62 Resp: 51936
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.494 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

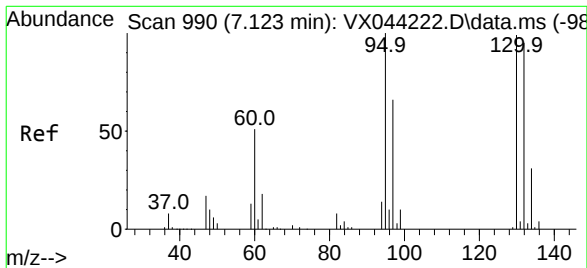
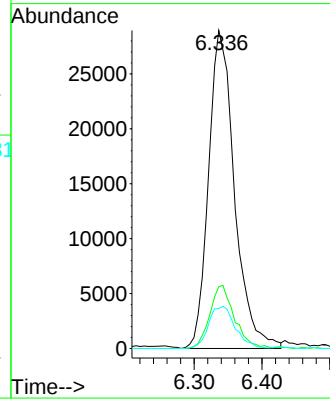
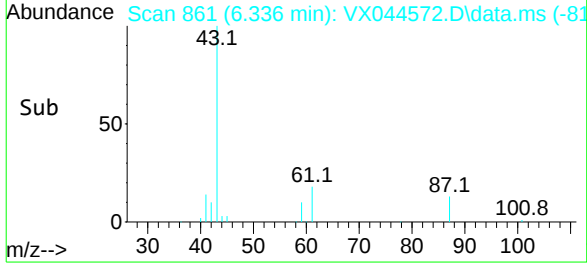
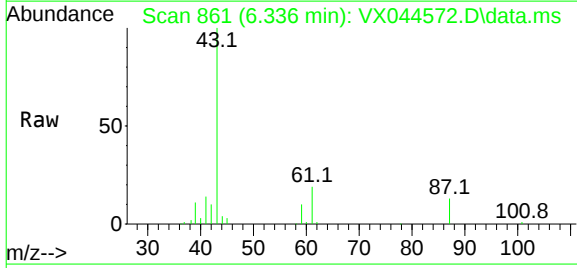
Tgt Ion:	43	Resp:	77050
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.2
87	13.6	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#44

Trichloroethene

Concen: 21.595 ug/l

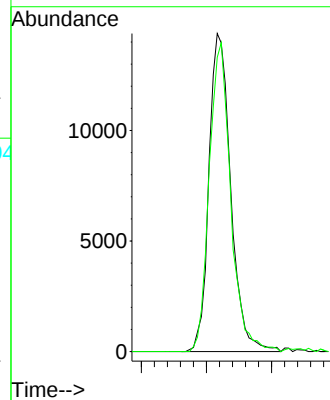
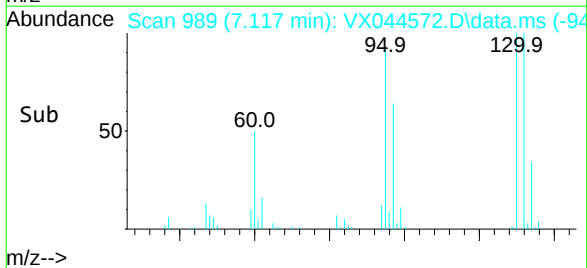
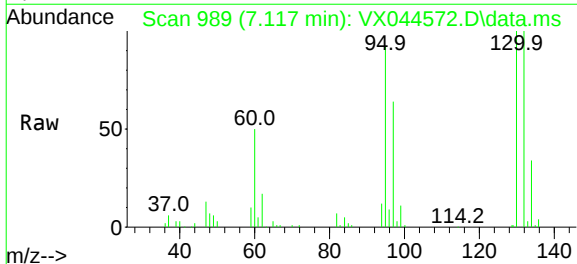
RT: 7.117 min Scan# 989

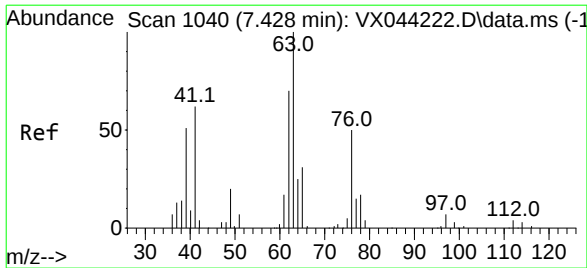
Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

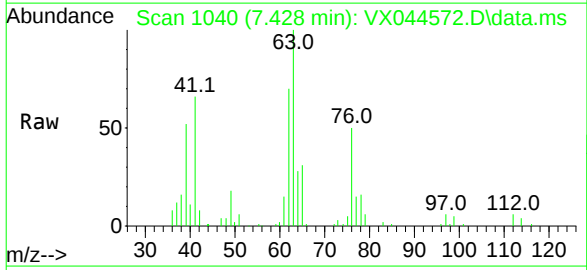
Tgt Ion:	130	Resp:	33449
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	201.4





#45
1,2-Dichloropropane
Concen: 19.301 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

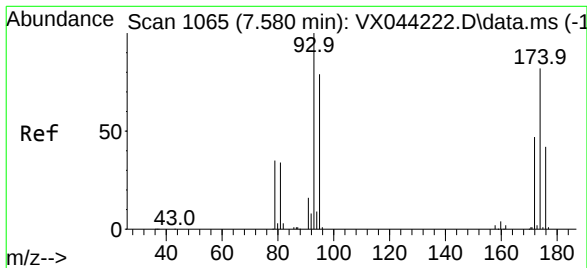
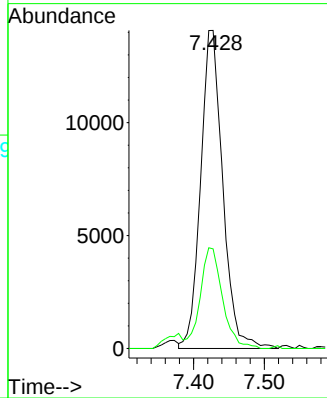
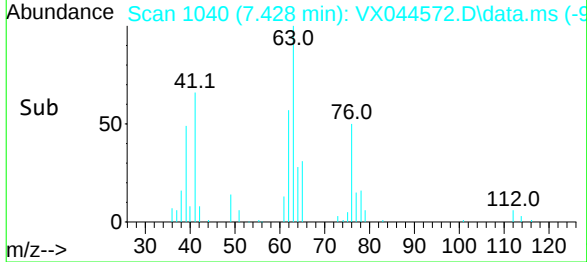
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 63 Resp: 30628
Ion Ratio Lower Upper
63 100
65 30.4 24.6 37.0

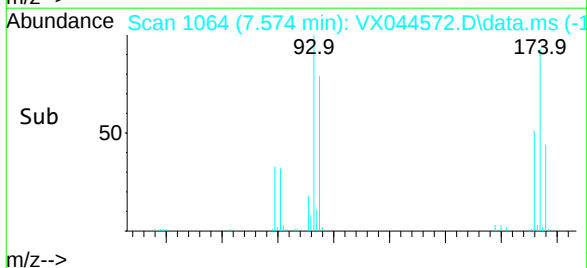
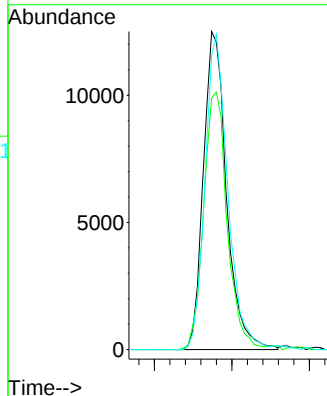
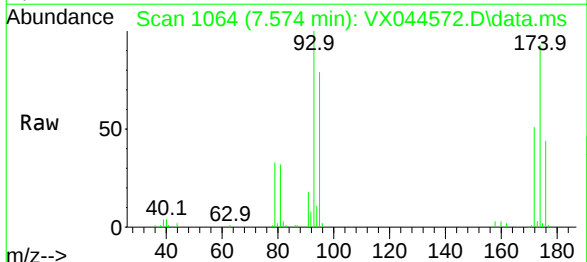
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 21.036 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 93 Resp: 25897
Ion Ratio Lower Upper
93 100
95 82.1 65.4 98.2
174 97.8 67.9 101.9





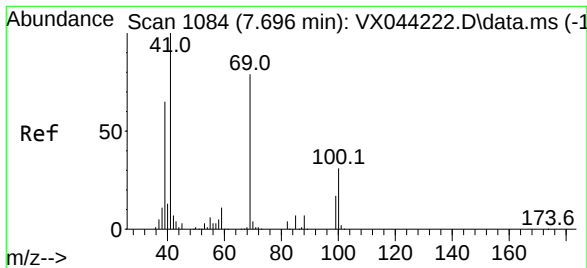
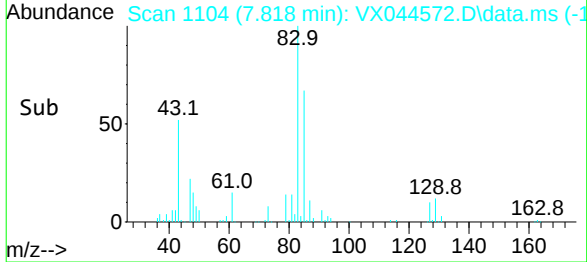
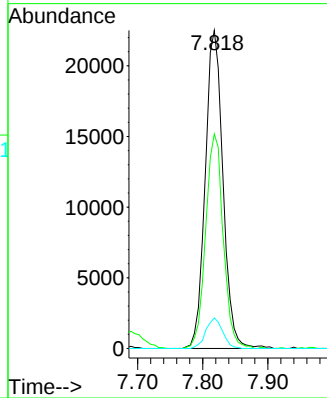
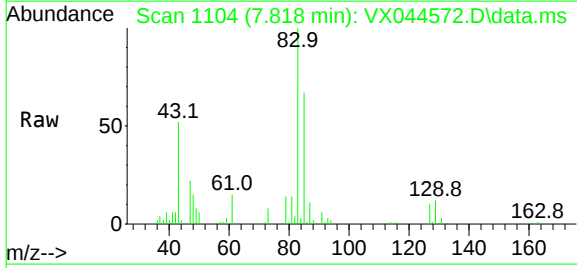
#47
Bromodichloromethane
Concen: 20.053 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 83 Resp: 42637
Ion Ratio Lower Upper
83 100
85 67.5 50.6 75.8
127 9.6 7.3 10.9

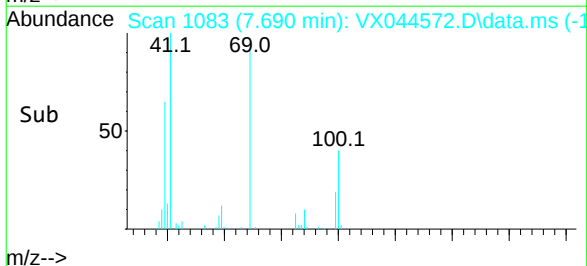
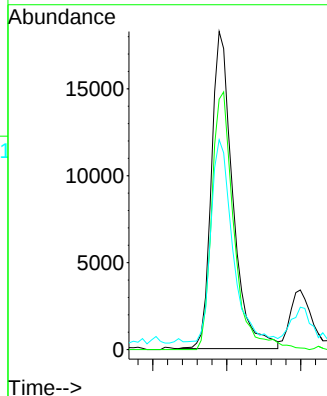
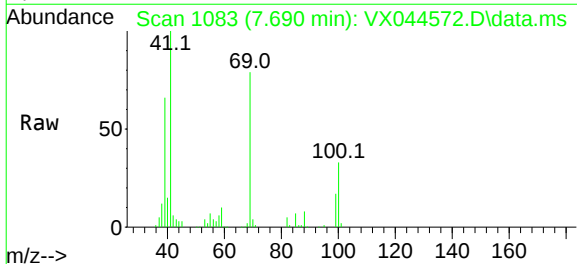
Manual Integrations
APPROVED

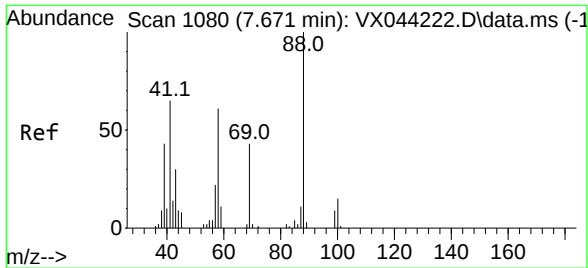
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 19.129 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

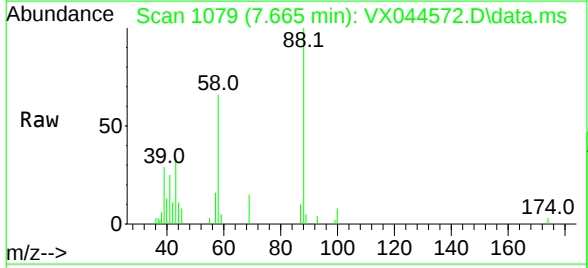
Tgt Ion: 41 Resp: 36701
Ion Ratio Lower Upper
41 100
69 83.7 62.4 93.6
39 63.8 53.3 79.9





#49
1,4-Dioxane
Concen: 305.371 ug/l m
RT: 7.665 min Scan# 10
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

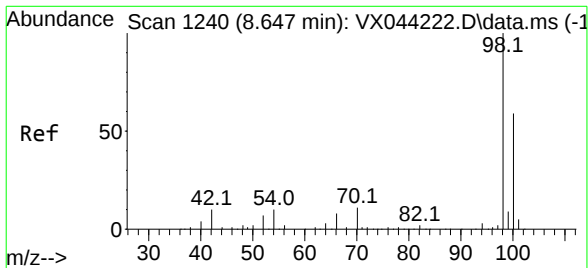
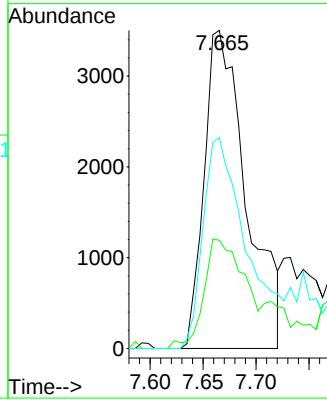
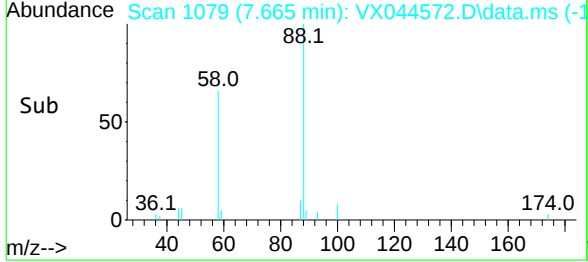
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 88 Resp: 9714
Ion Ratio Lower Upper
88 100
43 34.9 27.1 40.7
58 69.3 41.0 61.4#

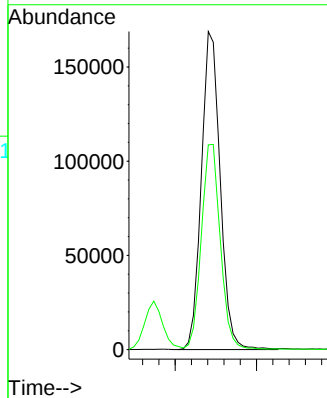
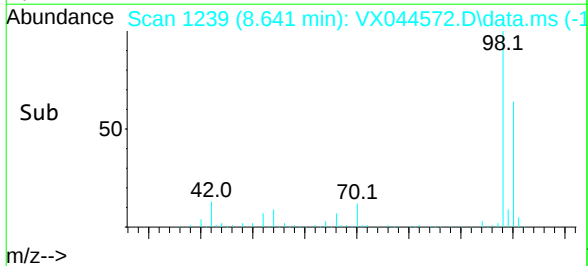
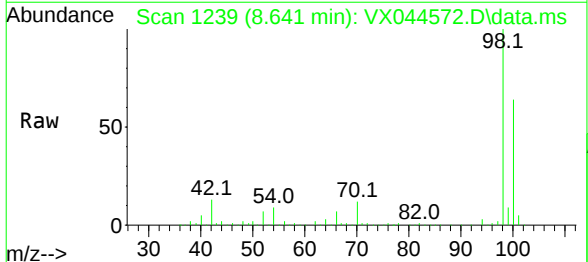
Manual Integrations
APPROVED

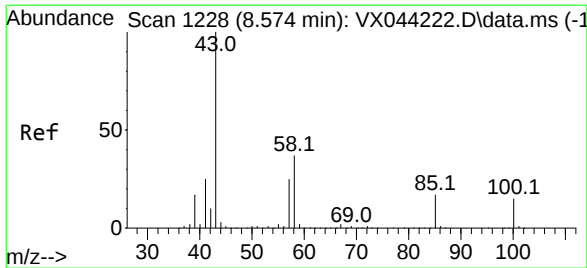
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 50.868 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 98 Resp: 271603
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3





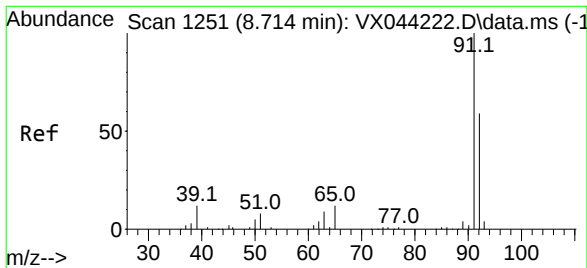
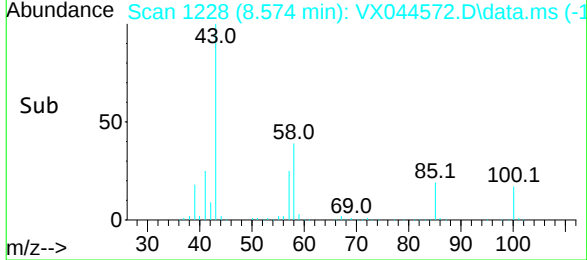
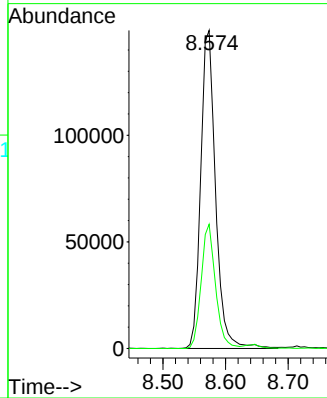
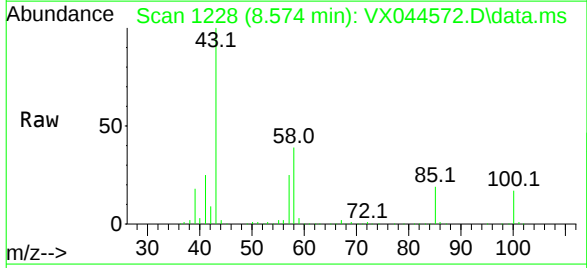
#51
4-Methyl-2-Pentanone
Concen: 97.013 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 43 Resp: 246547
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.0

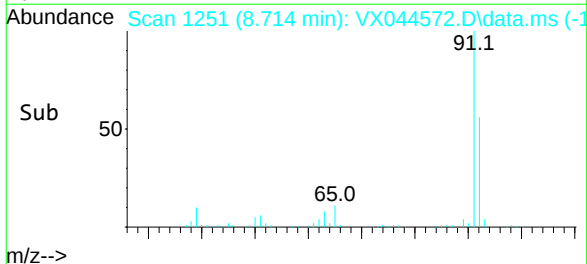
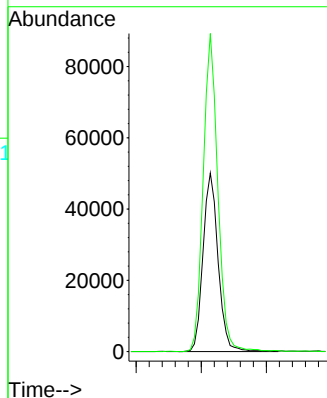
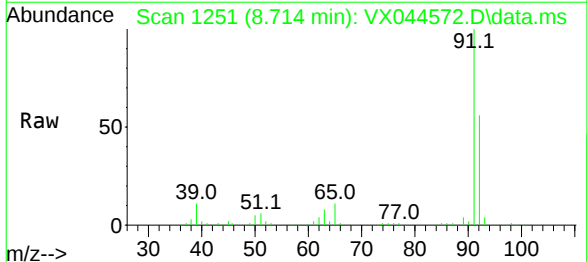
Manual Integrations
APPROVED

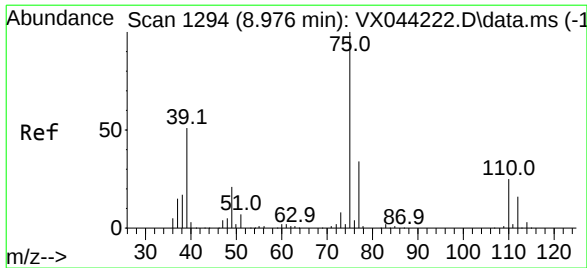
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 20.627 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

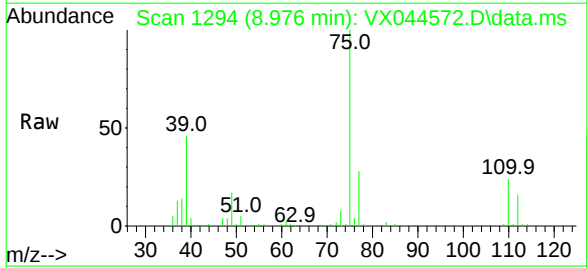
Tgt Ion: 92 Resp: 80458
Ion Ratio Lower Upper
92 100
91 172.9 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 20.744 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

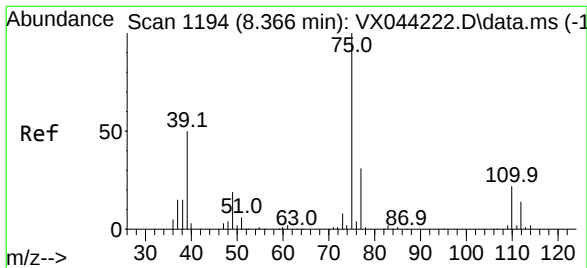
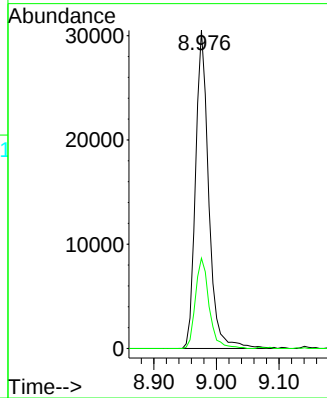
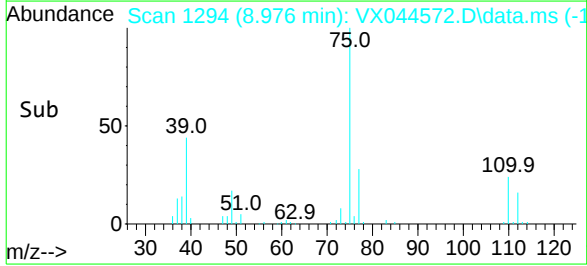
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



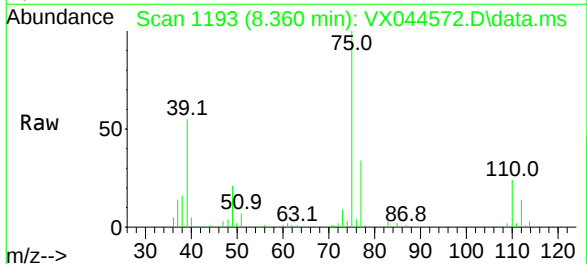
Tgt Ion: 75 Resp: 44614
Ion Ratio Lower Upper
75 100
77 28.4 27.2 40.8

Manual Integrations
APPROVED

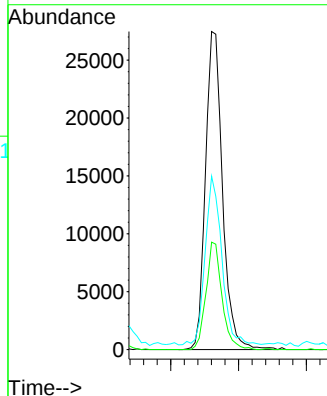
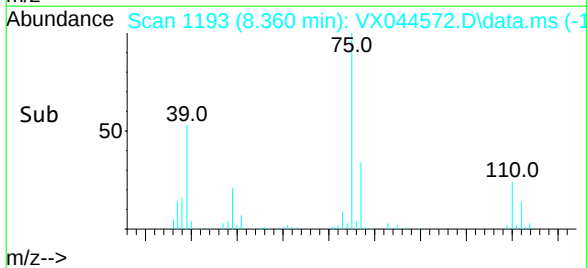
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

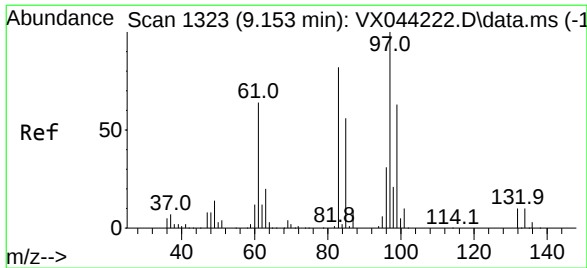


#54
cis-1,3-Dichloropropene
Concen: 20.728 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51



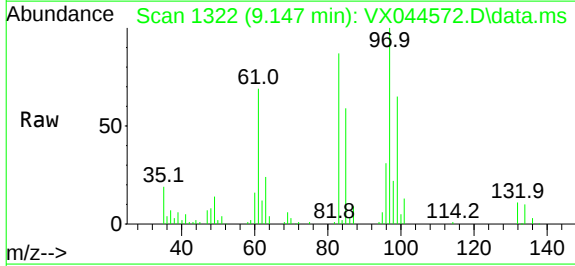
Tgt Ion: 75 Resp: 47987
Ion Ratio Lower Upper
75 100
77 33.8 24.7 37.1
39 53.0 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 21.622 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

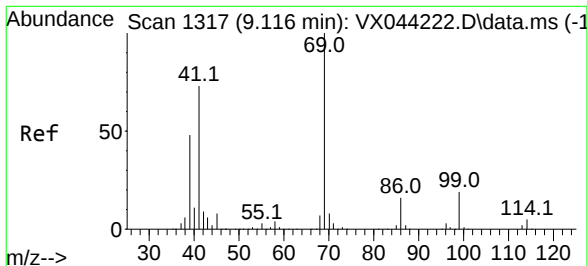
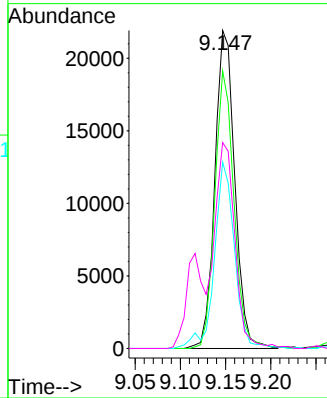
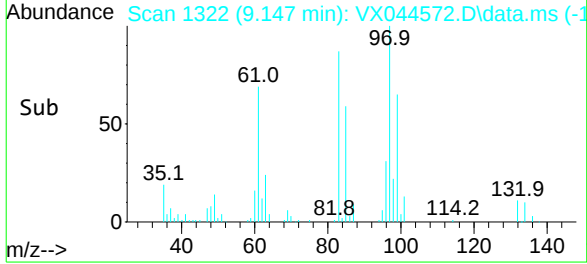
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 97 Resp: 33505
Ion Ratio Lower Upper
97 100
83 87.3 65.3 97.9
85 58.2 44.6 67.0
99 64.3 50.2 75.2

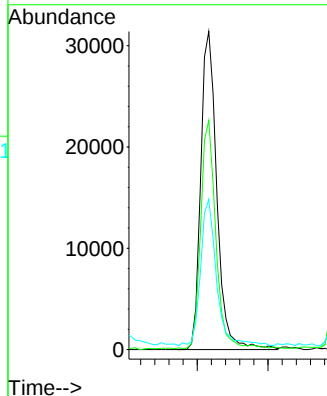
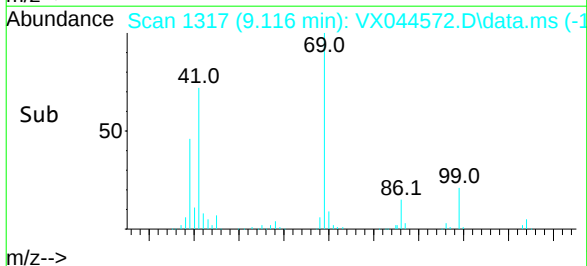
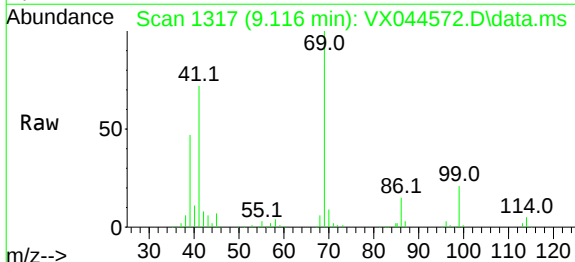
Manual Integrations
APPROVED

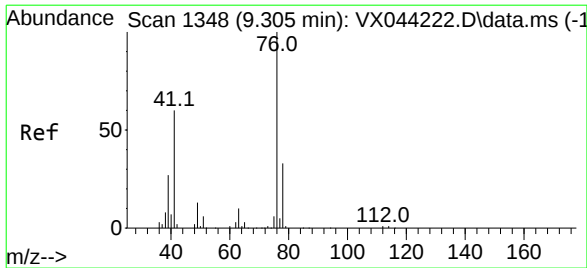
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#56
Ethyl methacrylate
Concen: 20.276 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 69 Resp: 49599
Ion Ratio Lower Upper
69 100
41 67.0 56.6 85.0
39 45.4 37.4 56.0





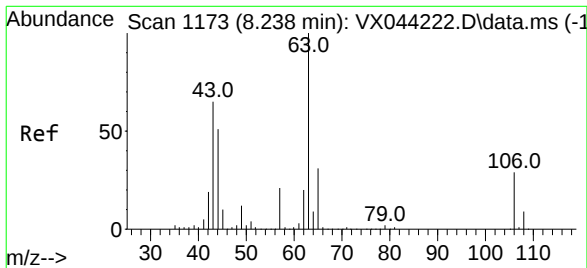
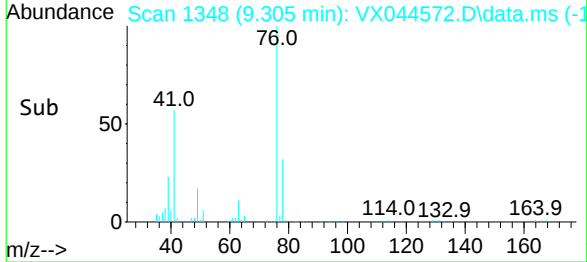
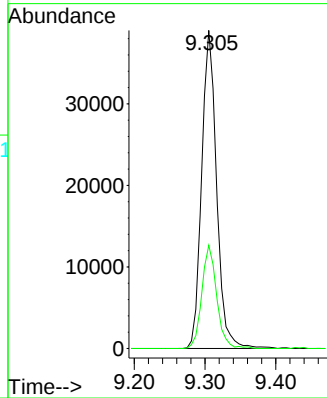
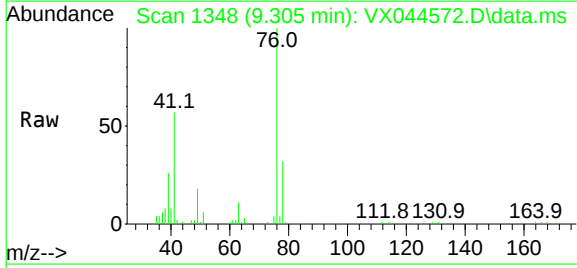
#57
1,3-Dichloropropane
Concen: 21.224 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 76 Resp: 57245
Ion Ratio Lower Upper
76 100
78 32.3 26.5 39.7

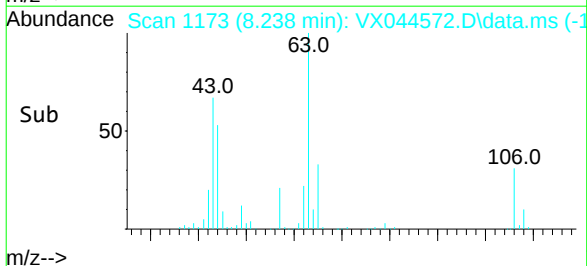
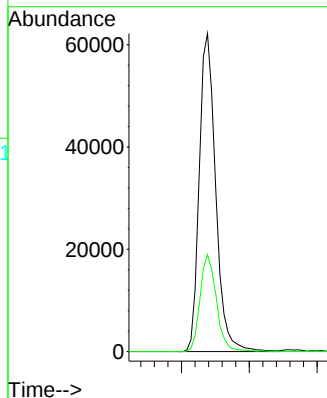
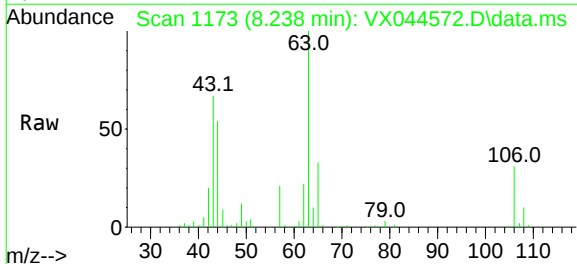
Manual Integrations
APPROVED

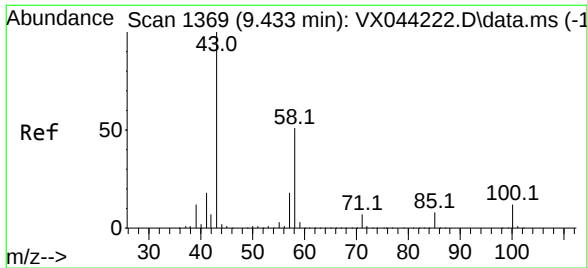
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 84.705 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 63 Resp: 104511
Ion Ratio Lower Upper
63 100
106 30.4 22.8 34.2





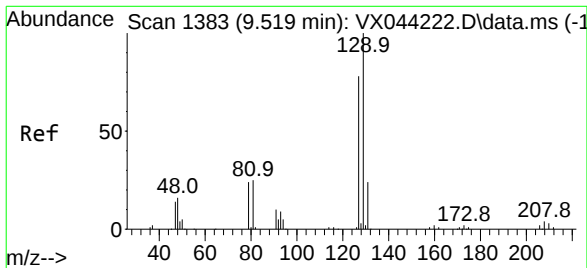
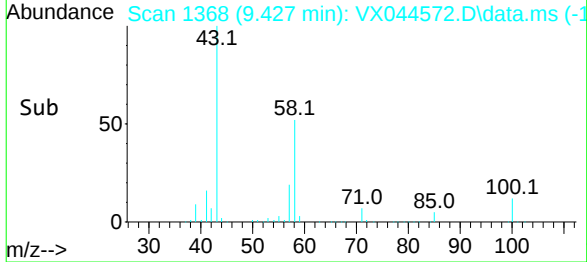
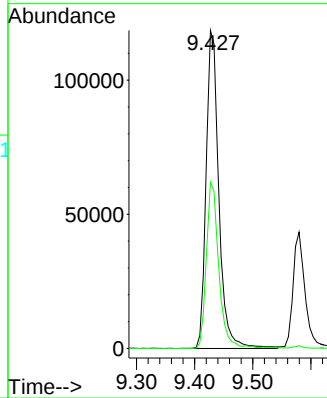
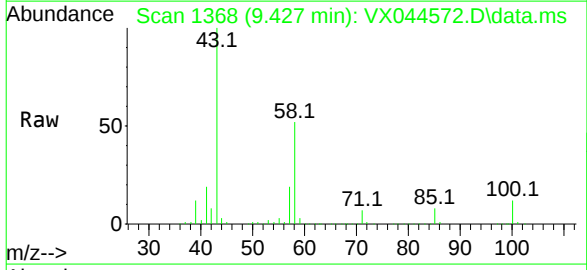
#59
2-Hexanone
Concen: 97.888 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 43 Resp: 180065
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.0

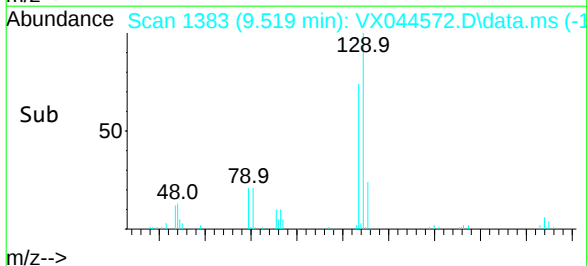
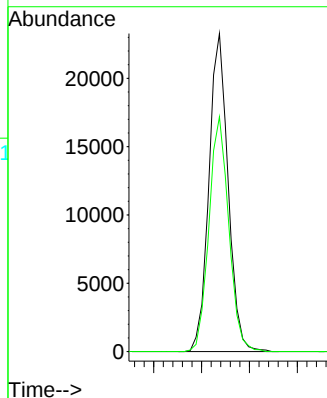
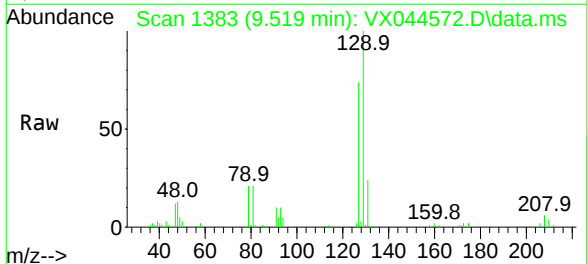
Manual Integrations
APPROVED

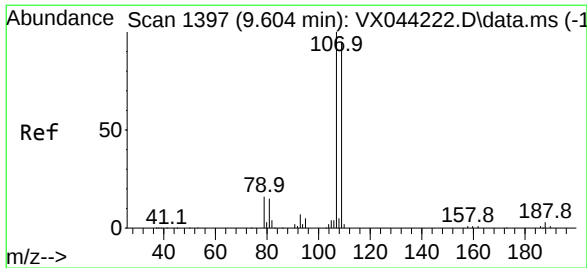
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 20.990 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion:129 Resp: 32372
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





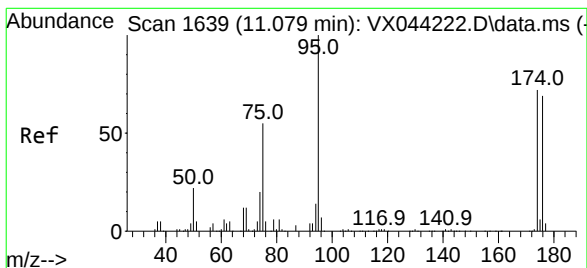
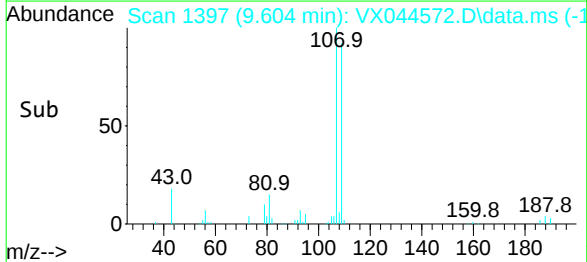
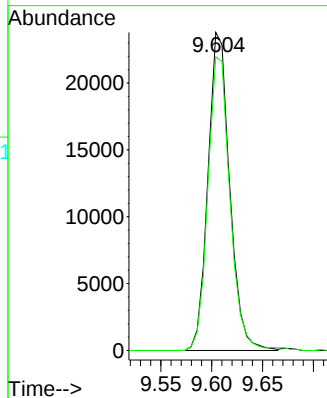
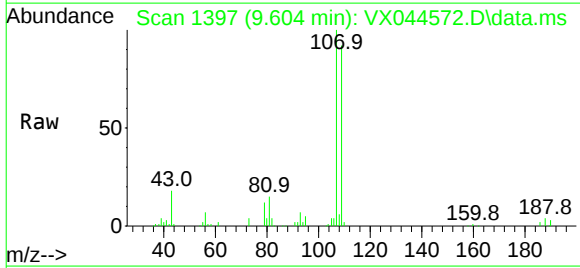
#61
1,2-Dibromoethane
Concen: 22.404 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument : MSVOA_X
ClientSampleId : VX1231WBSD02

Tgt Ion: 107 Resp: 35338
Ion Ratio Lower Upper
107 100
109 94.2 77.0 115.4

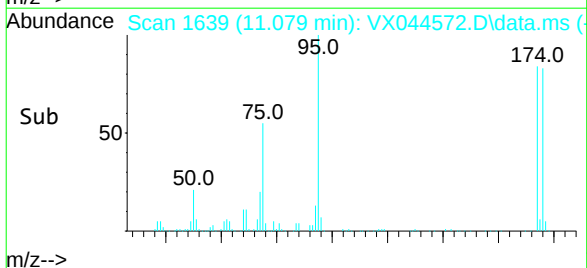
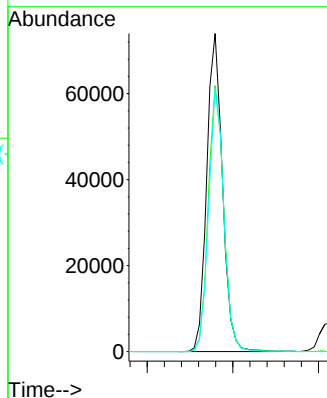
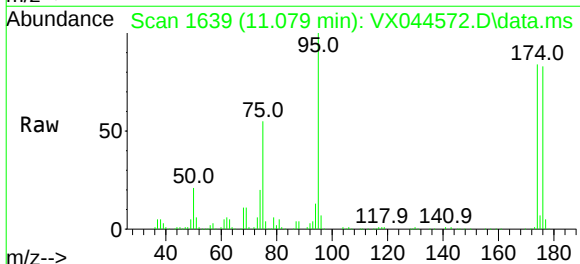
Manual Integrations
APPROVED

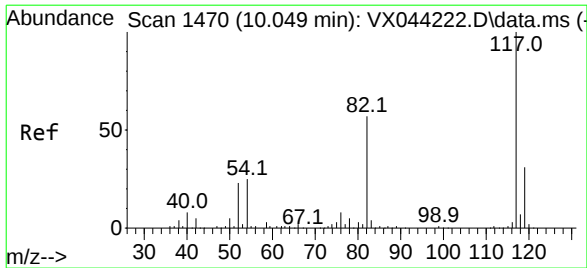
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 50.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 95 Resp: 94212
Ion Ratio Lower Upper
95 100
174 82.6 0.0 145.8
176 79.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

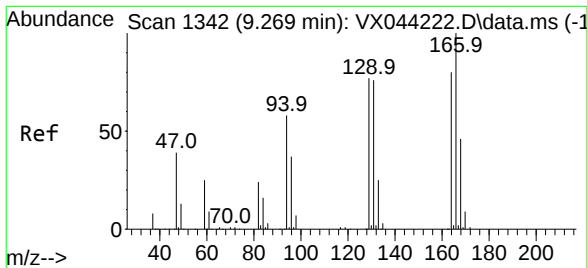
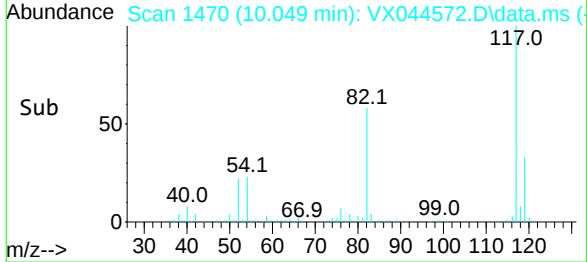
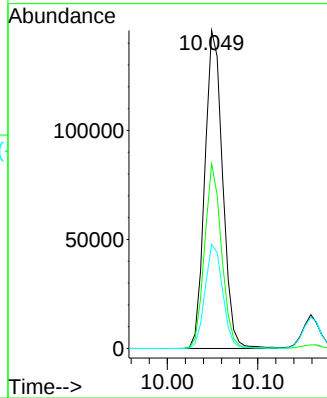
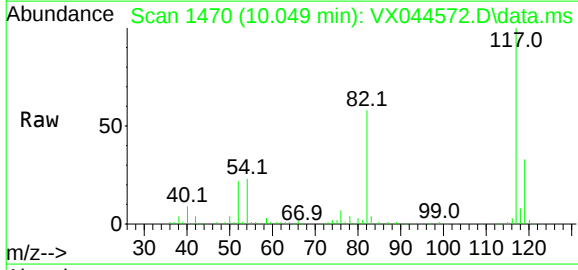
Tgt Ion:	117	Resp:	199629
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.8
119	32.8	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#64

Tetrachloroethene

Concen: 22.747 ug/l

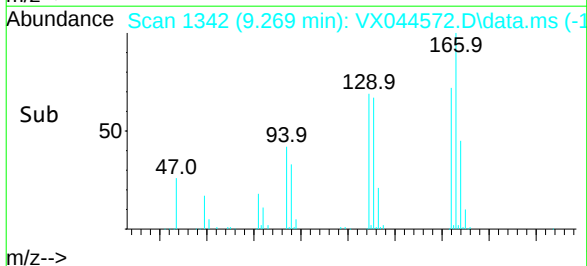
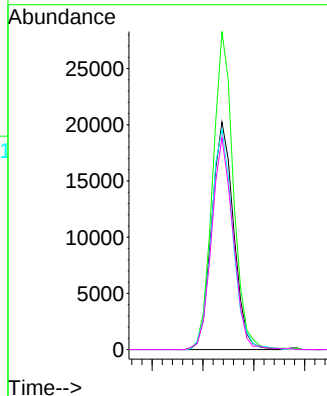
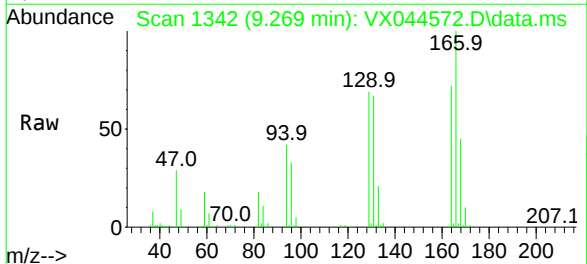
RT: 9.269 min Scan# 1342

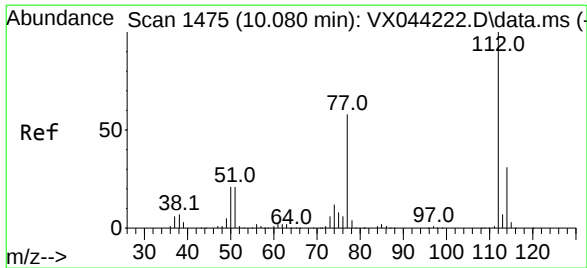
Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Tgt Ion:	164	Resp:	30139
Ion	Ratio	Lower	Upper
164	100		
166	139.9	100.4	150.6
129	96.8	77.2	115.8
131	93.2	76.2	114.2





#65

Chlorobenzene

Concen: 20.935 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

Tgt Ion:112 Resp: 89550

Ion Ratio Lower Upper

112 100

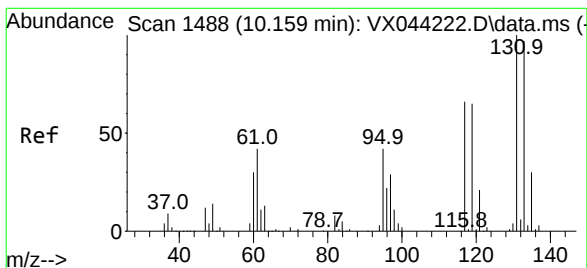
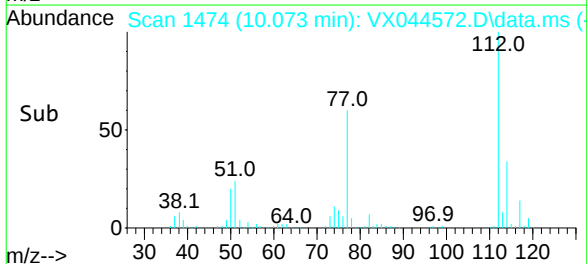
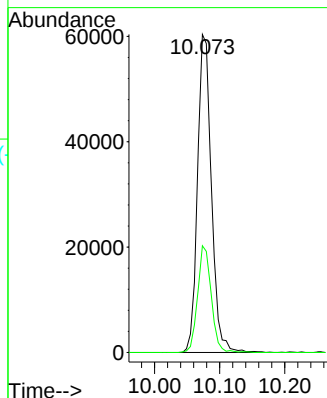
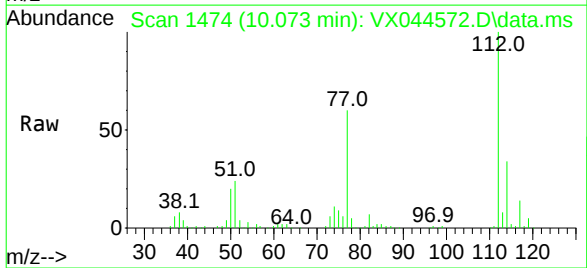
114 33.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.958 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

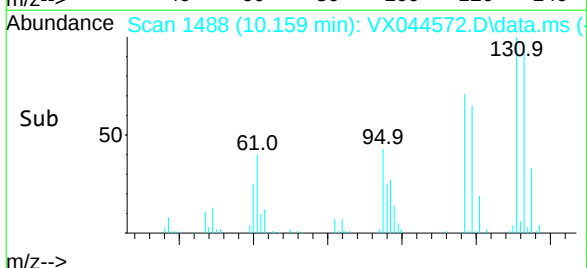
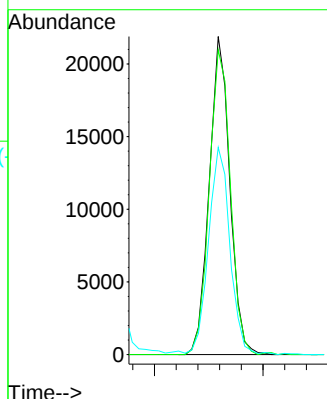
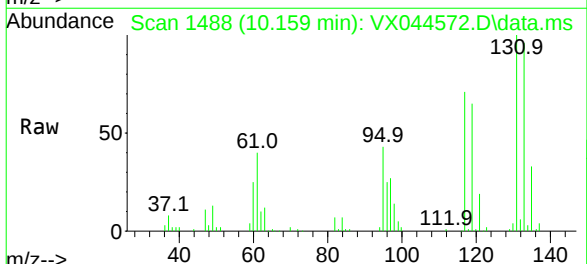
Tgt Ion:131 Resp: 28812

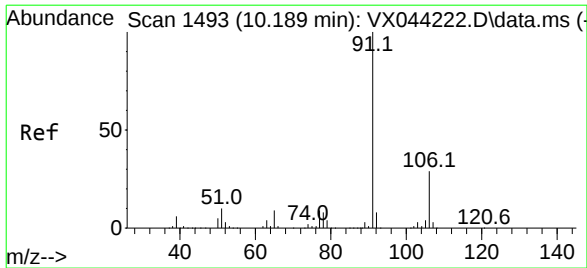
Ion Ratio Lower Upper

131 100

133 98.5 47.3 141.8

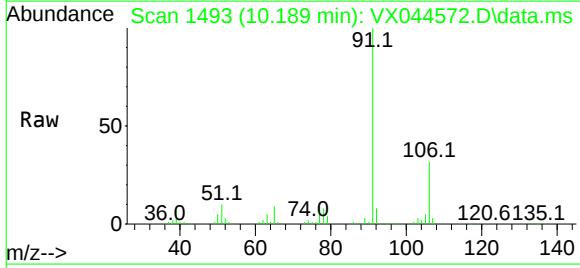
119 68.2 31.6 95.0





#67
Ethyl Benzene
Concen: 20.062 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

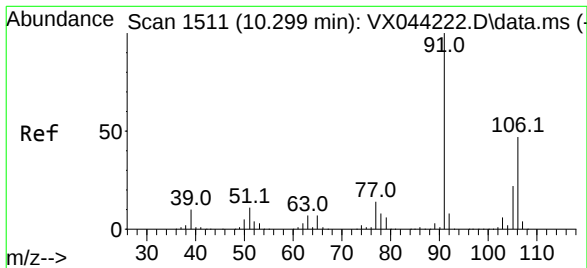
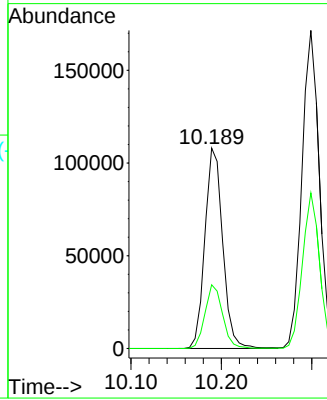
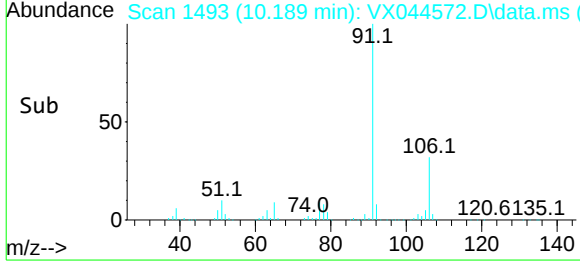
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



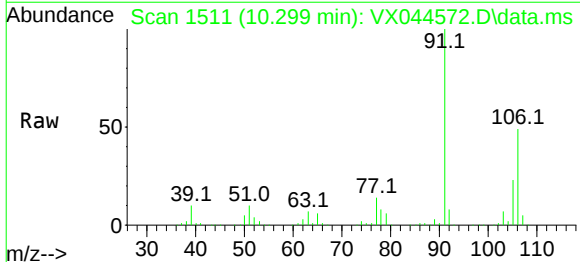
Tgt Ion: 91 Resp: 148282
Ion Ratio Lower Upper
91 100
106 31.8 23.5 35.3

Manual Integrations
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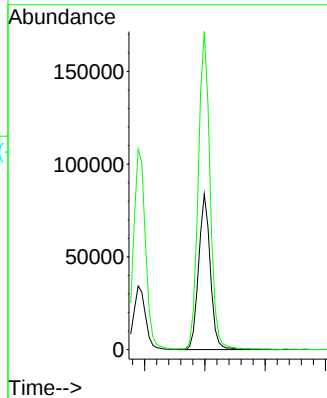
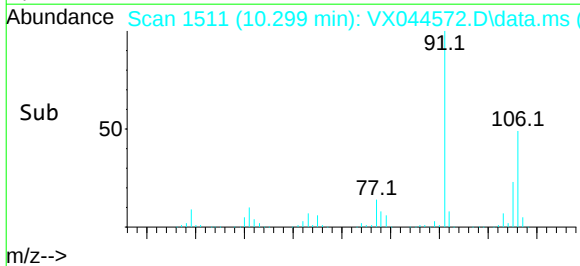
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

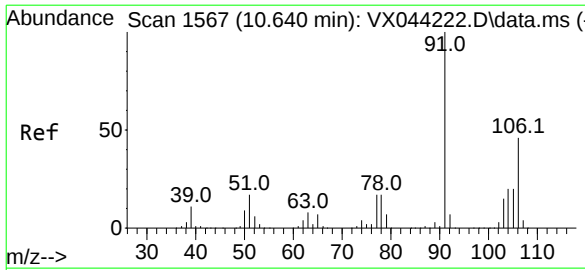


#68
m/p-Xylenes
Concen: 41.695 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51



Tgt Ion:106 Resp: 113080
Ion Ratio Lower Upper
106 100
91 204.5 170.2 255.2





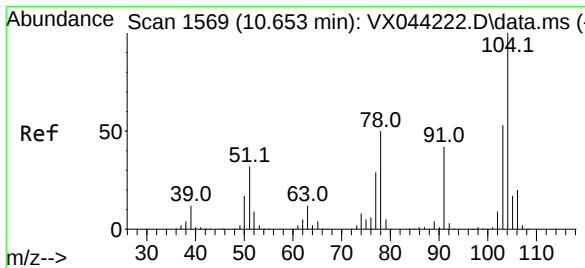
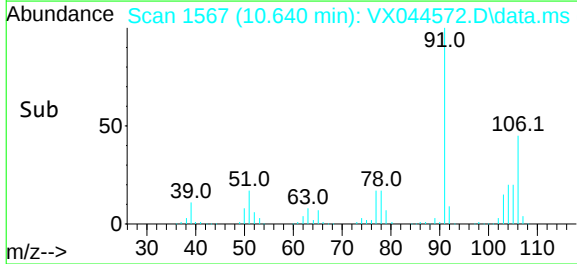
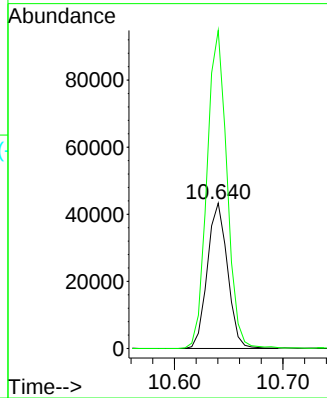
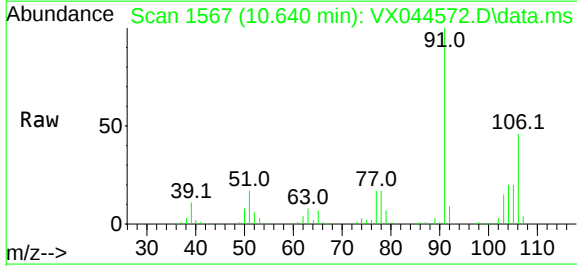
#69
o-Xylene
Concen: 20.389 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion:106 Resp: 55948
Ion Ratio Lower Upper
106 100
91 217.5 112.3 337.0

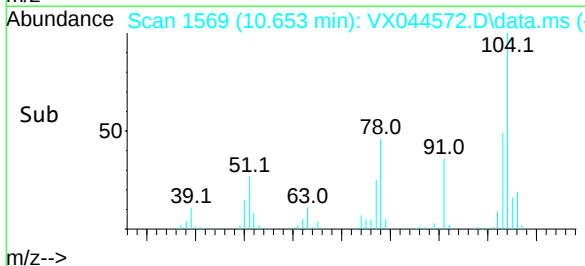
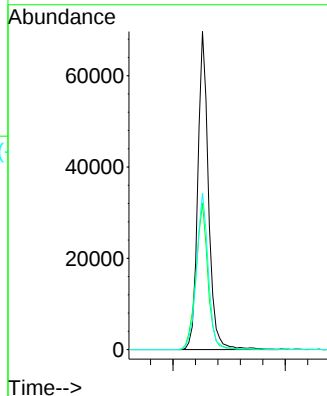
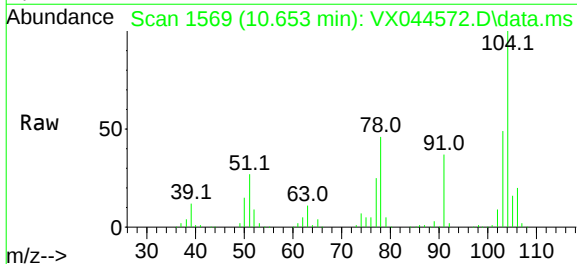
Manual Integrations
APPROVED

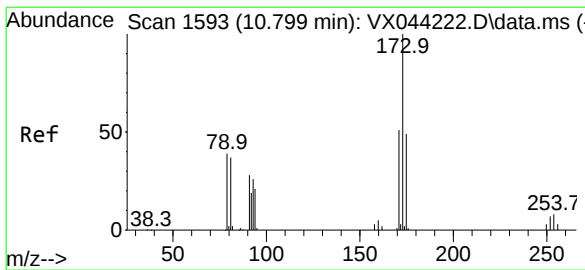
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 20.955 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion:104 Resp: 92179
Ion Ratio Lower Upper
104 100
78 51.7 44.6 67.0
103 53.7 45.4 68.0





#71

Bromoform

Concen: 22.170 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

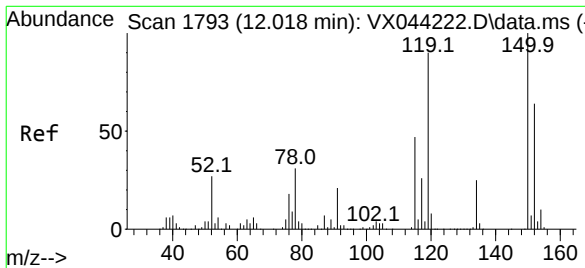
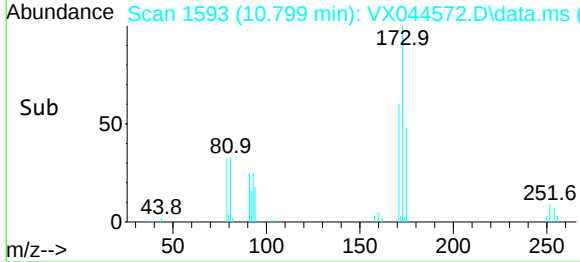
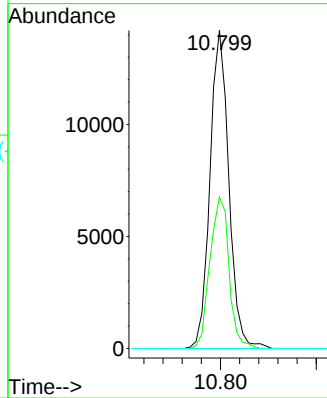
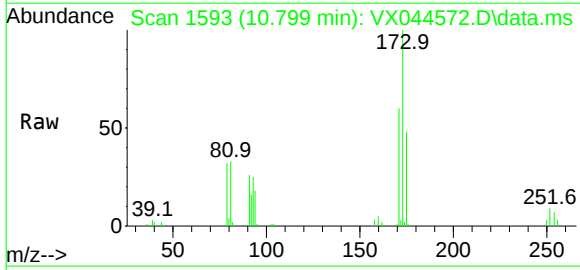
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

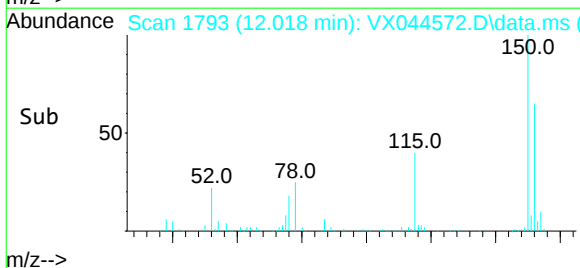
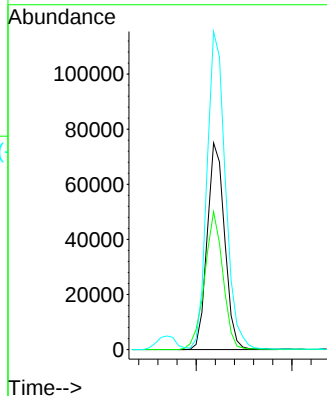
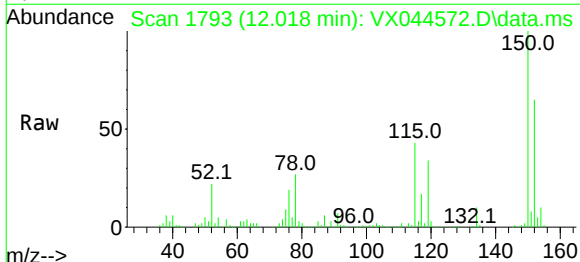
RT: 12.018 min Scan# 1793

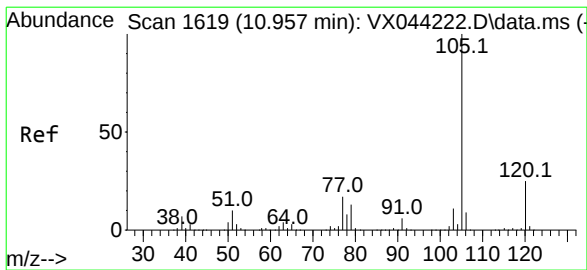
Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.1	44.5	133.3
150	162.4	0.0	353.8





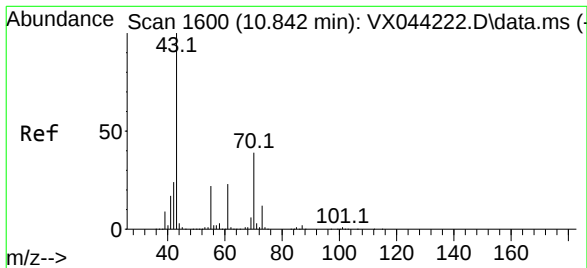
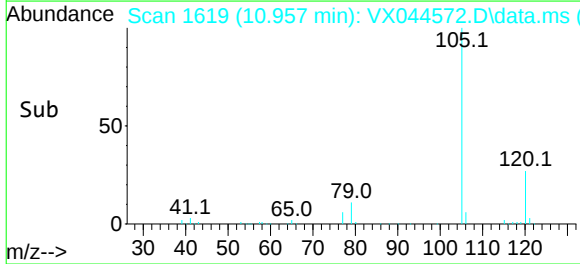
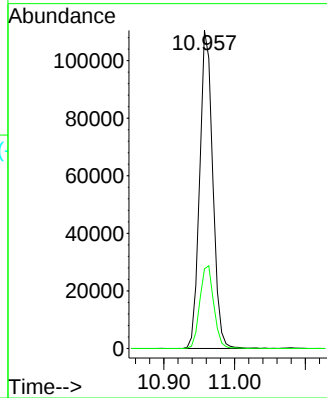
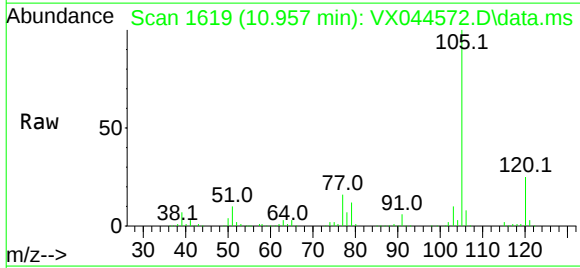
#73
Isopropylbenzene
Concen: 19.550 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion: 105 Resp: 141981
Ion Ratio Lower Upper
105 100
120 27.7 13.1 39.3

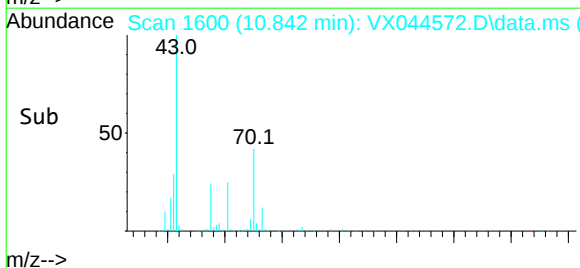
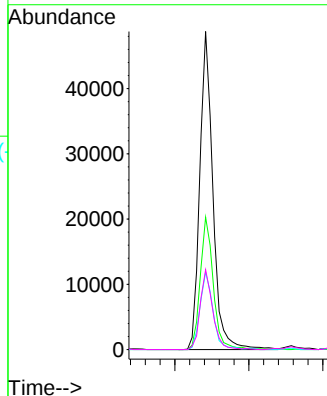
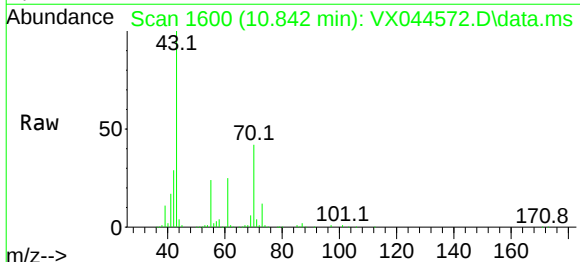
Manual Integrations
APPROVED

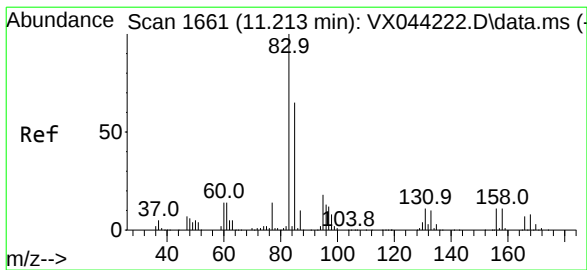
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#74
N-ethyl acetate
Concen: 17.923 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 43 Resp: 60157
Ion Ratio Lower Upper
43 100
70 41.3 31.9 47.9
55 24.0 17.9 26.9
61 24.0 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.382 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

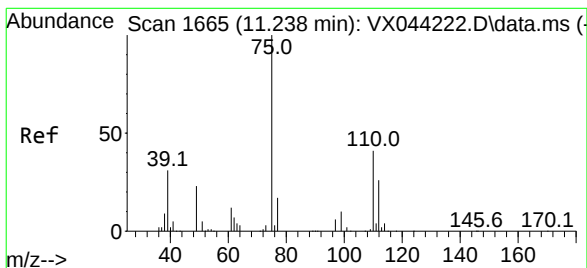
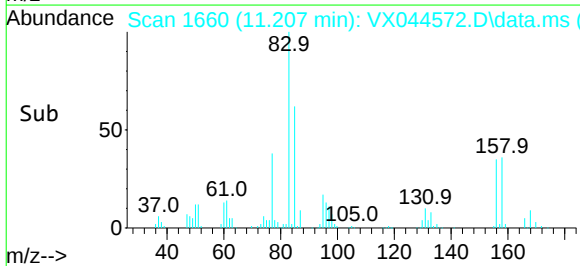
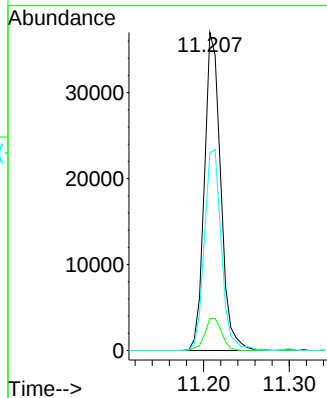
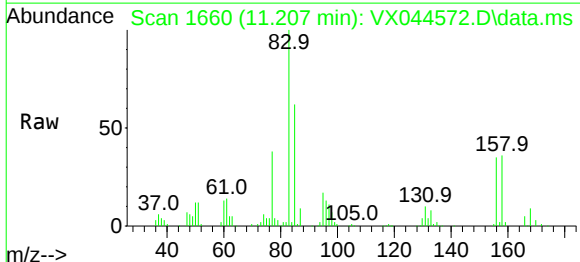
Tgt Ion:	83	Resp:	48891
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	66.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#76

1,2,3-Trichloropropane

Concen: 19.252 ug/l m

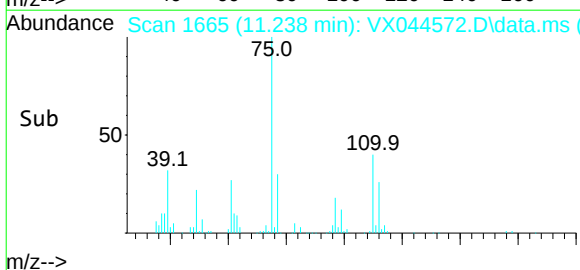
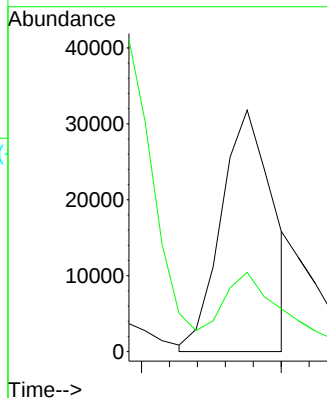
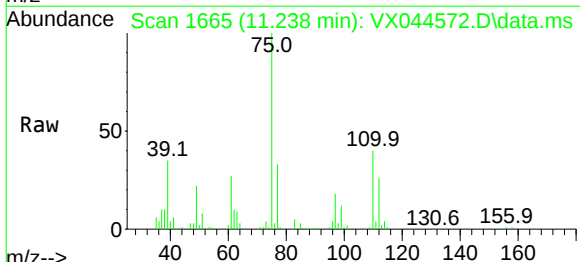
RT: 11.238 min Scan# 1665

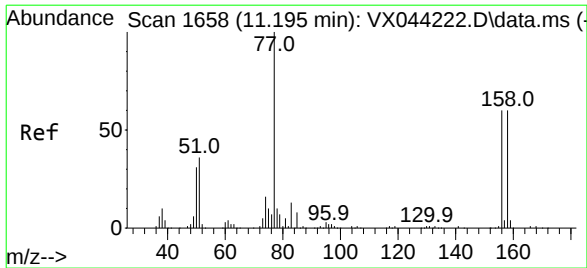
Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Tgt Ion:	75	Resp:	40779
Ion	Ratio	Lower	Upper
75	100		
77	40.3	20.9	62.7





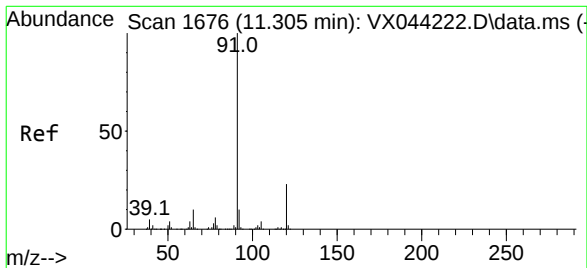
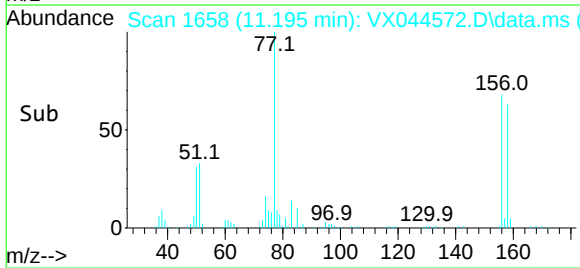
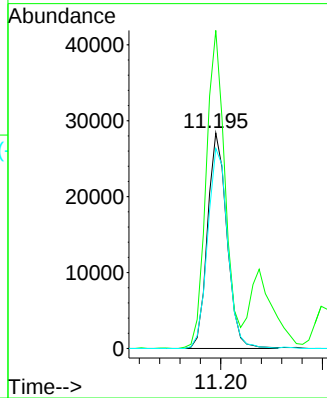
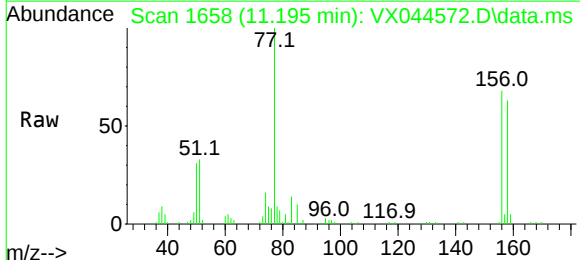
#77
Bromobenzene
Concen: 21.292 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion:156 Resp: 37497
Ion Ratio Lower Upper
156 100
77 143.5 82.6 247.8
158 96.5 48.8 146.4

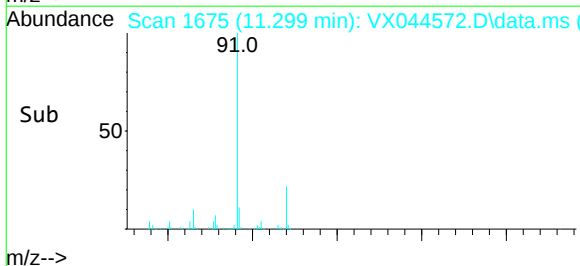
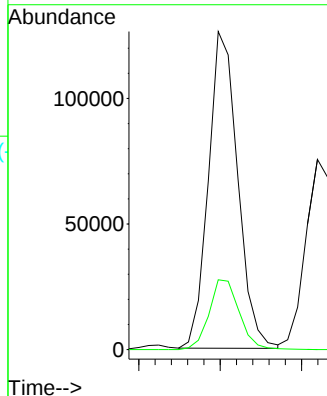
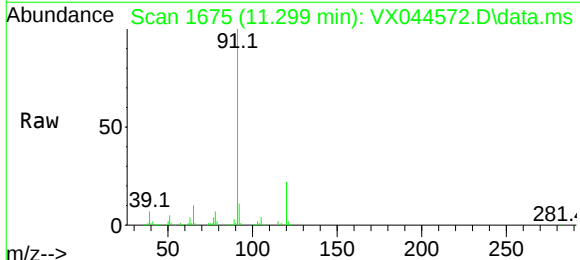
Manual Integrations
APPROVED

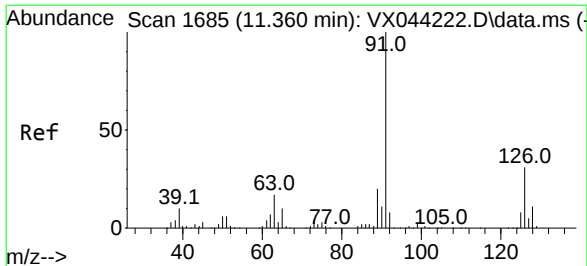
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 19.665 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 91 Resp: 157850
Ion Ratio Lower Upper
91 100
120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.703 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

Tgt Ion: 91 Resp: 97092

Ion Ratio Lower Upper

91 100

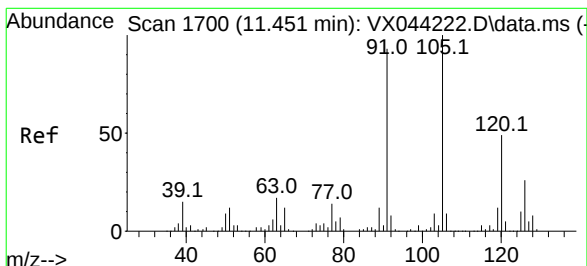
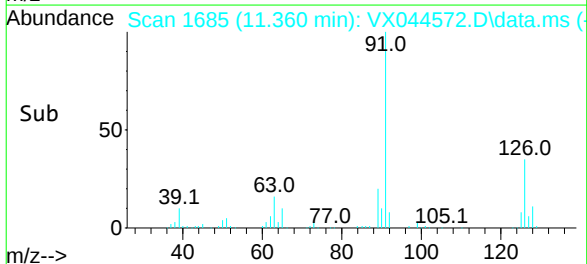
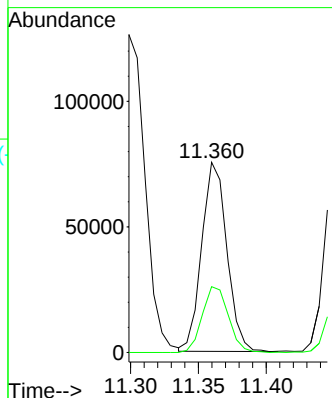
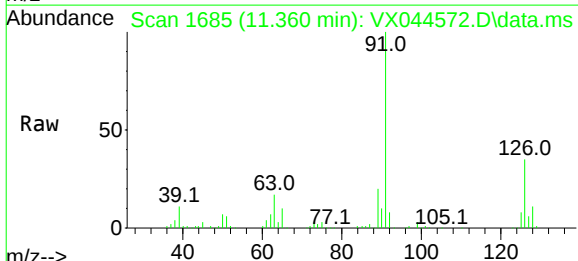
126 36.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.695 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044572.D

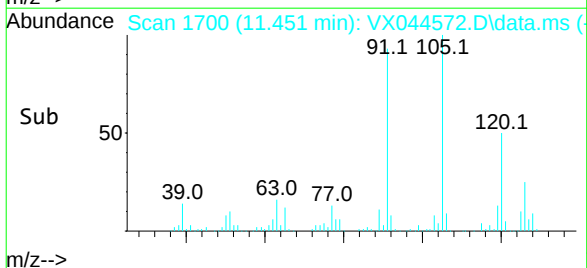
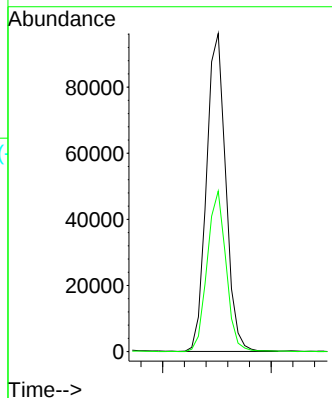
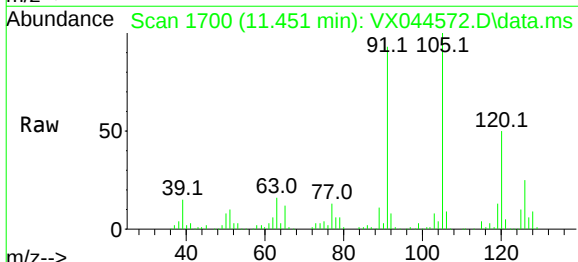
Acq: 31 Dec 2024 11:51

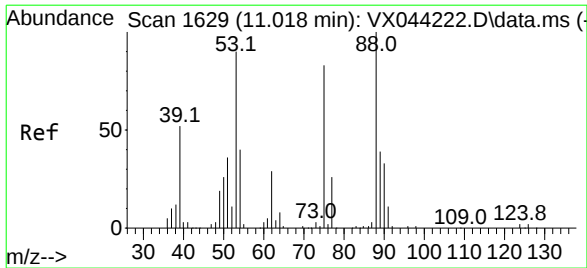
Tgt Ion:105 Resp: 118618

Ion Ratio Lower Upper

105 100

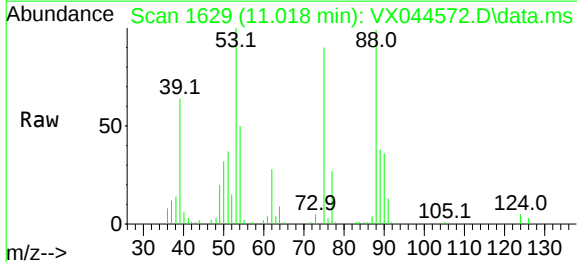
120 49.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.024 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

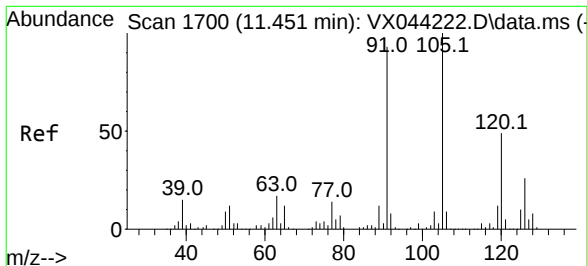
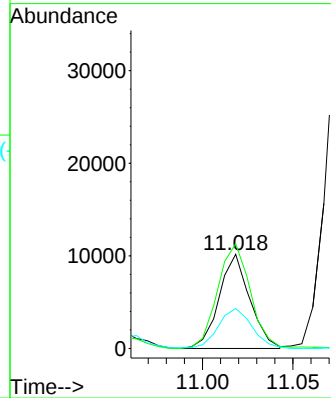
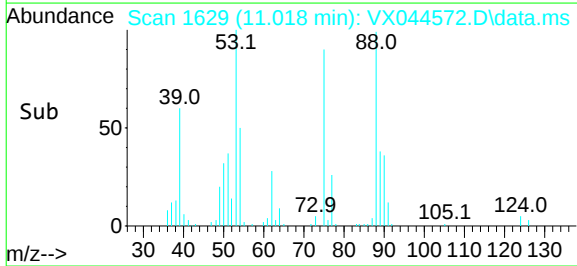
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 75 Resp: 12019
Ion Ratio Lower Upper
75 100
53 120.4 93.6 140.4
89 46.1 37.3 55.9

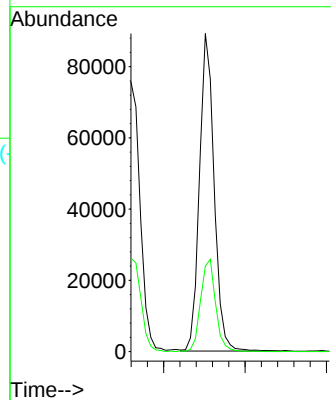
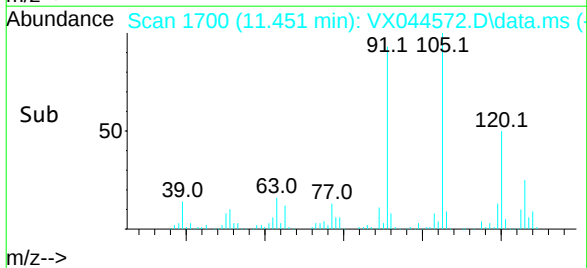
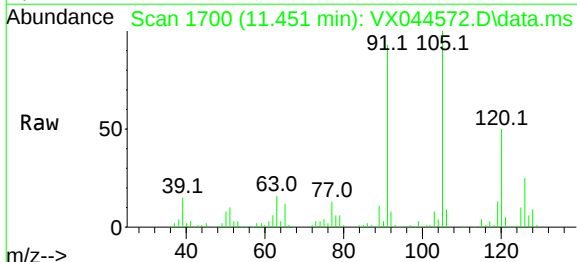
Manual Integrations
APPROVED

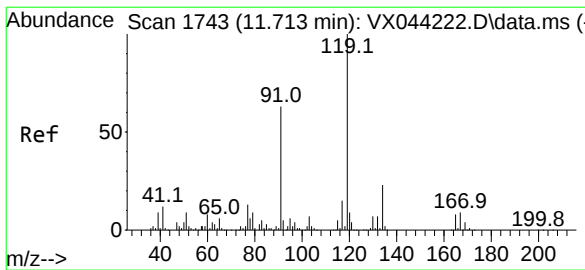
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 19.357 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion: 91 Resp: 111274
Ion Ratio Lower Upper
91 100
126 29.8 14.5 43.5





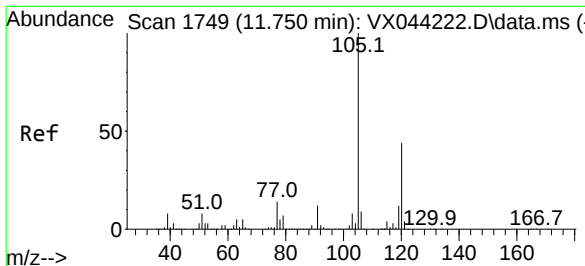
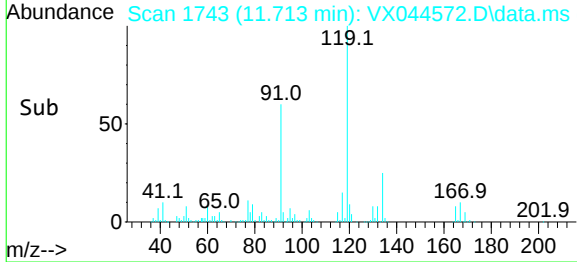
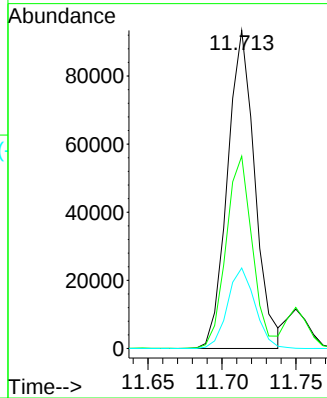
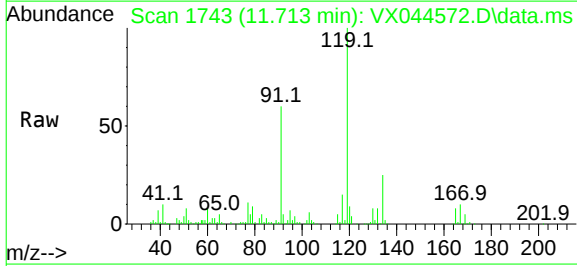
#83
tert-Butylbenzene
Concen: 20.156 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02

Tgt Ion:119 Resp: 119972
Ion Ratio Lower Upper
119 100
91 58.7 30.9 92.5
134 25.4 11.5 34.4

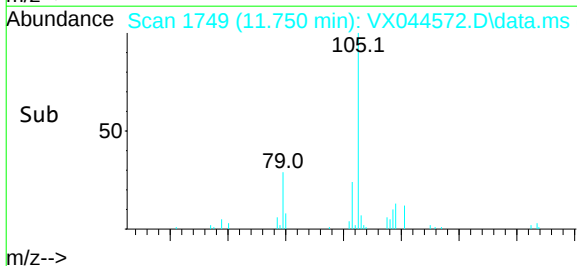
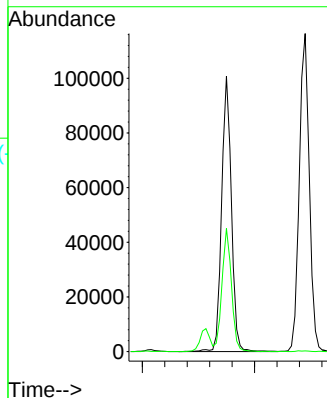
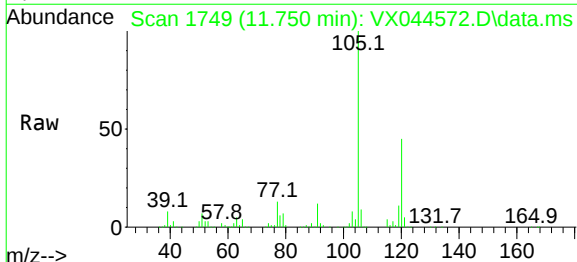
Manual Integrations
APPROVED

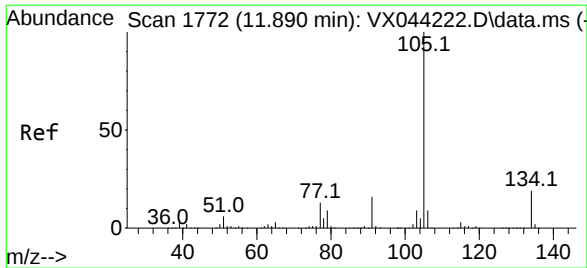
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.480 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

Tgt Ion:105 Resp: 121137
Ion Ratio Lower Upper
105 100
120 43.8 21.7 65.1





#85

sec-Butylbenzene

Concen: 19.986 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

Tgt Ion:105 Resp: 144412

Ion Ratio Lower Upper

105 100

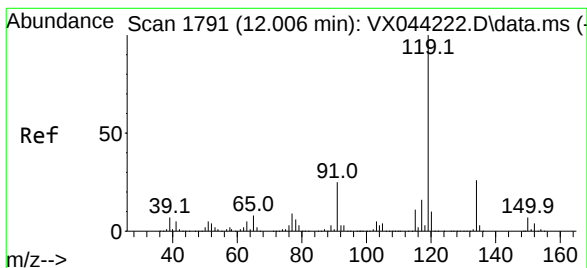
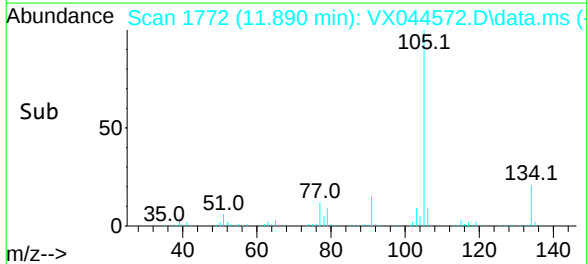
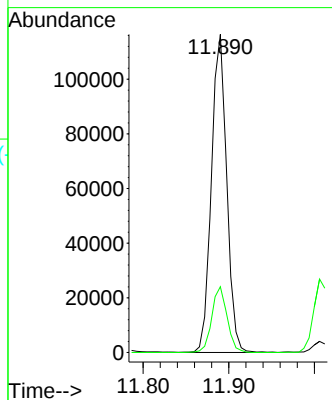
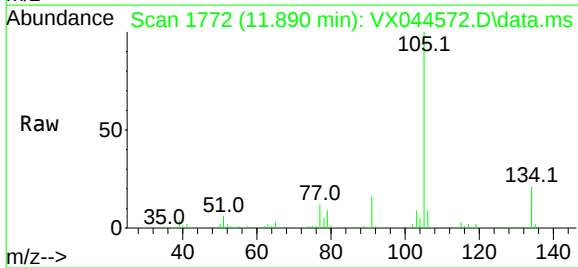
134 20.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#86

p-Isopropyltoluene

Concen: 20.384 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

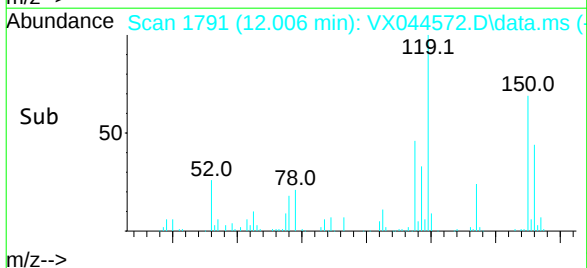
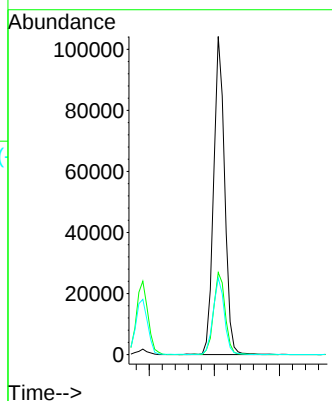
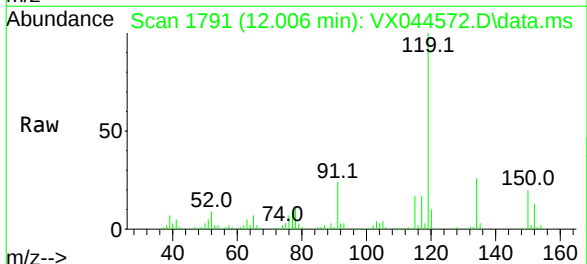
Tgt Ion:119 Resp: 122588

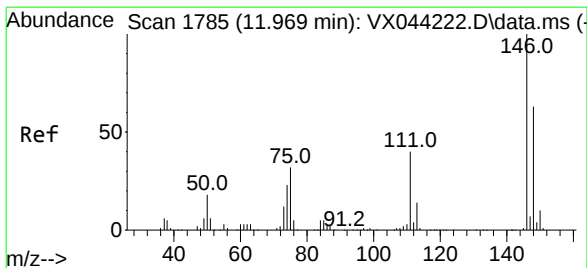
Ion Ratio Lower Upper

119 100

134 26.9 12.8 38.4

91 24.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 21.396 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

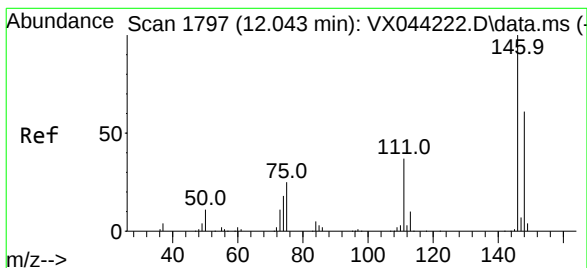
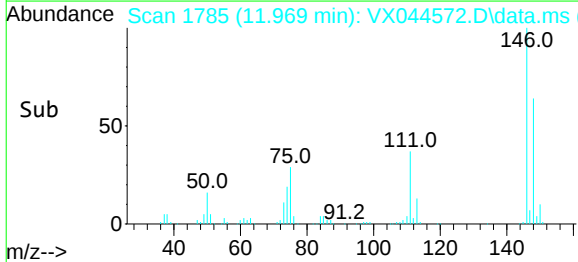
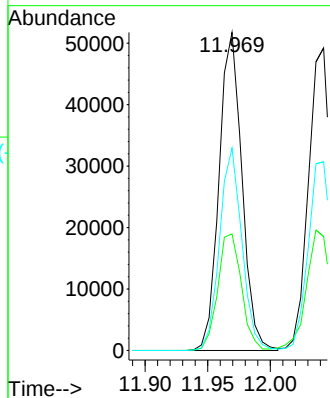
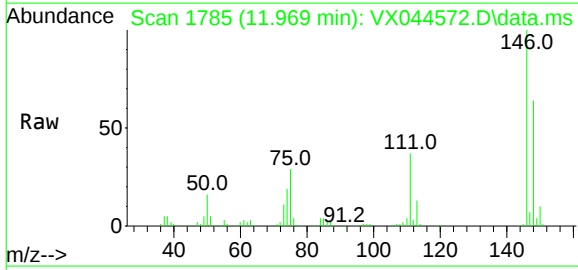
Tgt Ion:	146	Resp:	65819
Ion Ratio	Lower	Upper	
146	100		
111	38.0	21.4	64.2
148	62.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#88

1,4-Dichlorobenzene

Concen: 20.379 ug/l

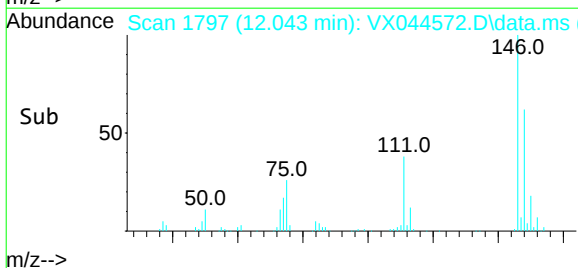
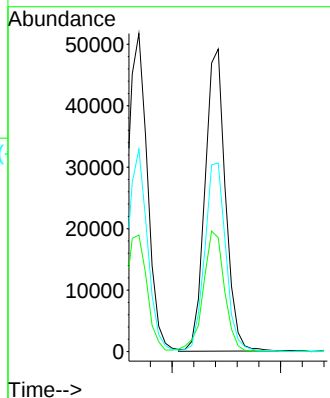
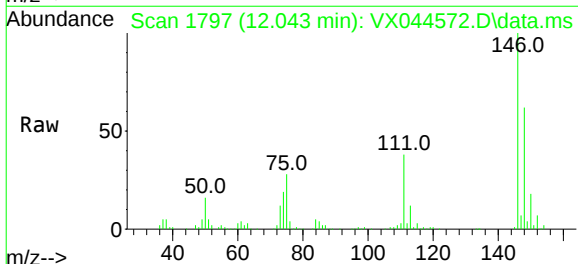
RT: 12.043 min Scan# 1797

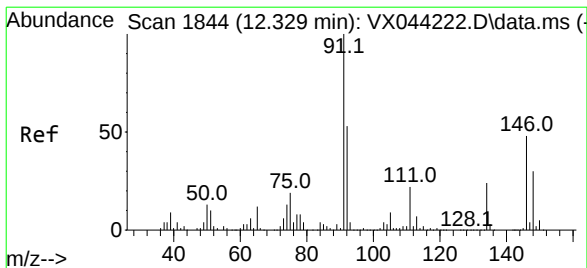
Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Tgt Ion:	146	Resp:	64446
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.0	63.0
148	64.5	32.3	96.8





#89

n-Butylbenzene

Concen: 19.523 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

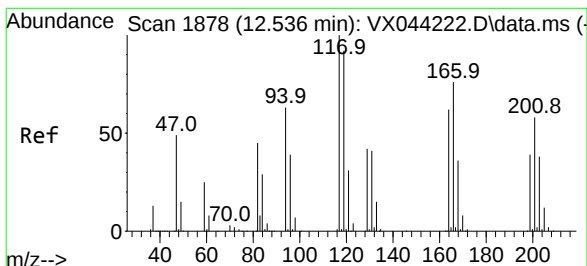
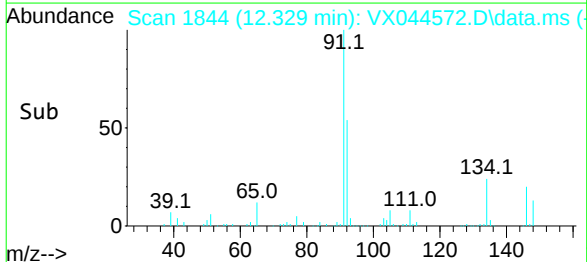
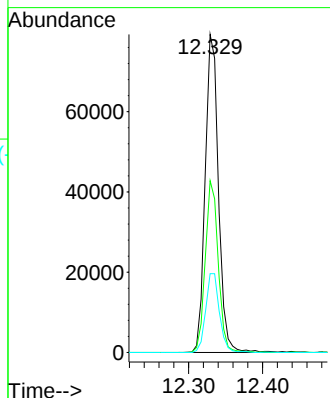
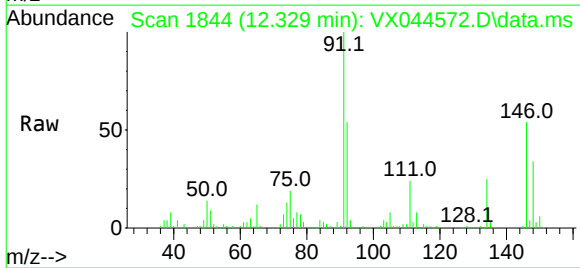
VX1231WBSD02

Tgt Ion:	91	Resp:	98728
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	25.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90

Hexachloroethane

Concen: 19.320 ug/l

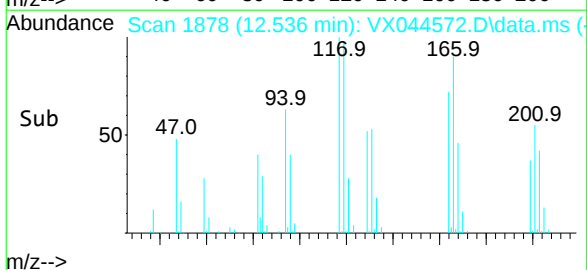
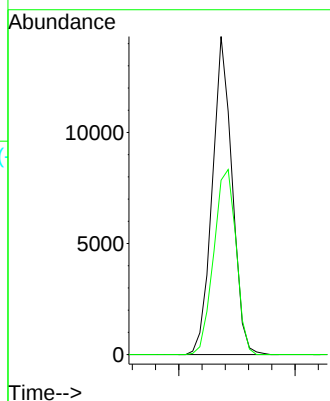
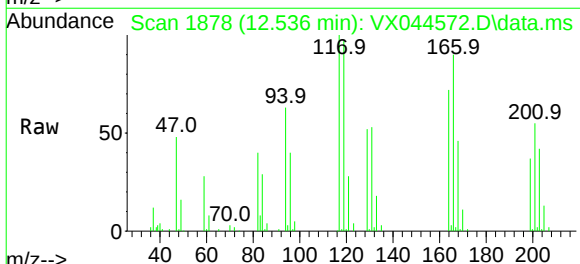
RT: 12.536 min Scan# 1878

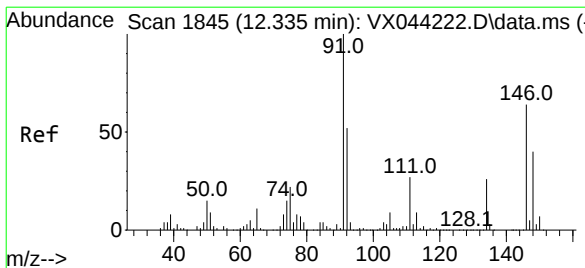
Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

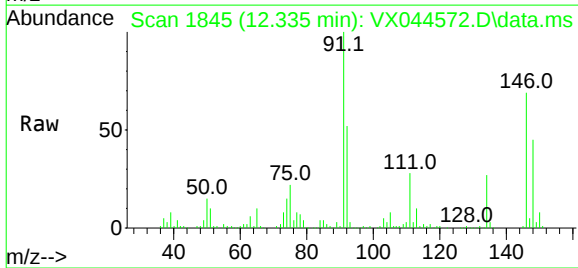
Tgt Ion:	117	Resp:	16961
Ion	Ratio	Lower	Upper
117	100		
201	65.7	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 20.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

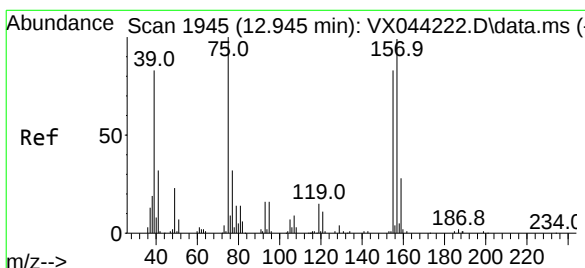
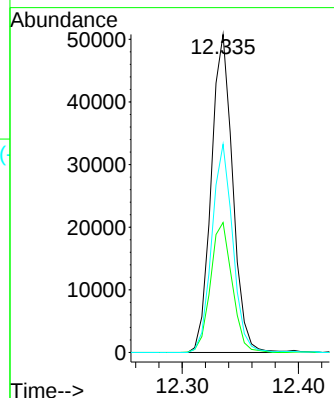
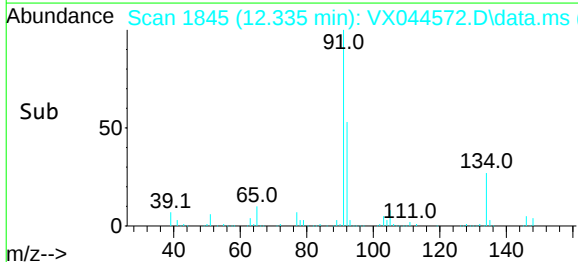
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



Tgt Ion: 146 Resp: 65060
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.3
148 64.4 31.6 95.0

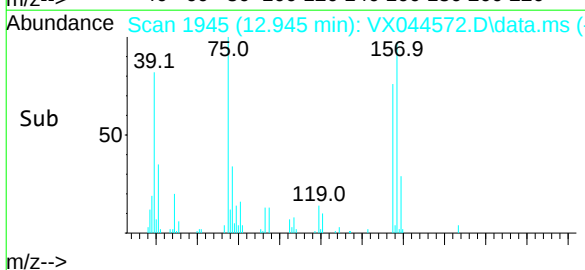
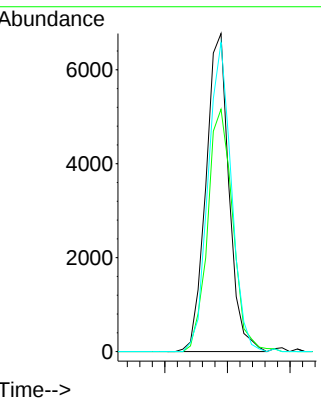
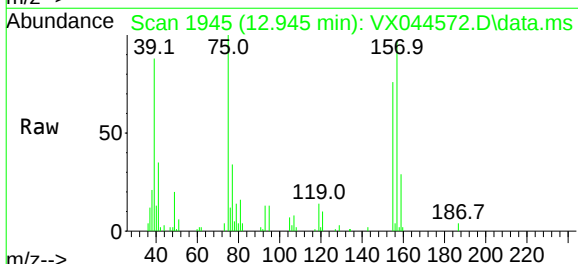
Manual Integrations
APPROVED

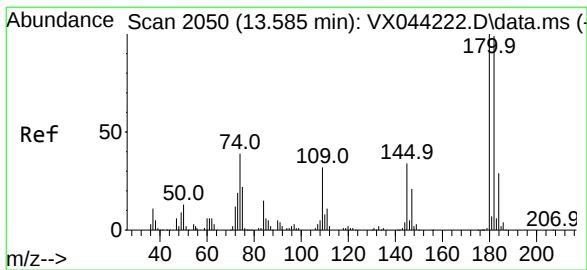
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.681 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

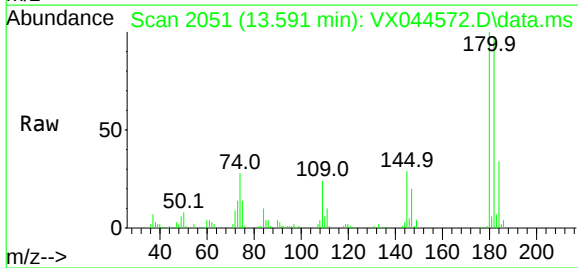
Tgt Ion: 75 Resp: 8658
Ion Ratio Lower Upper
75 100
155 83.0 38.1 114.3
157 97.8 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 21.192 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51

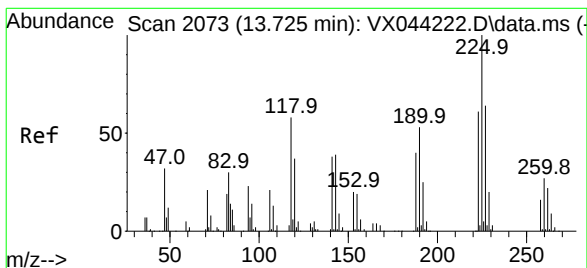
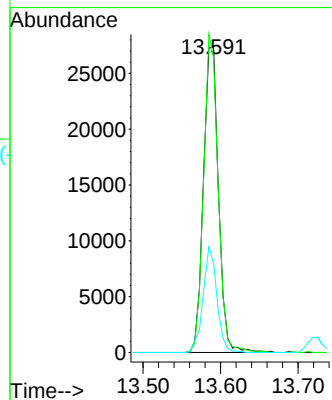
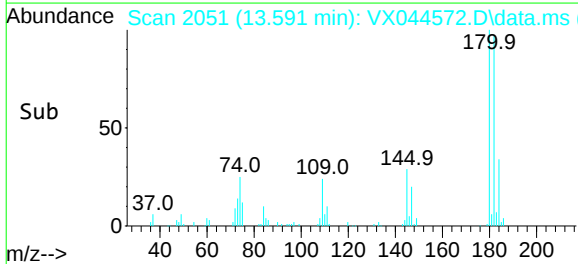
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBSD02



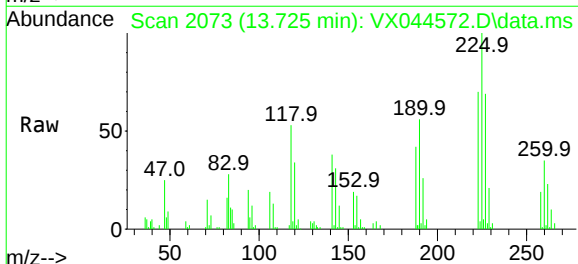
Tgt Ion:180 Resp: 37112
Ion Ratio Lower Upper
180 100
182 99.3 48.0 144.2
145 31.8 16.6 49.7

Manual Integrations
APPROVED

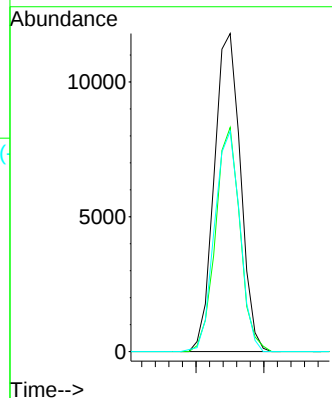
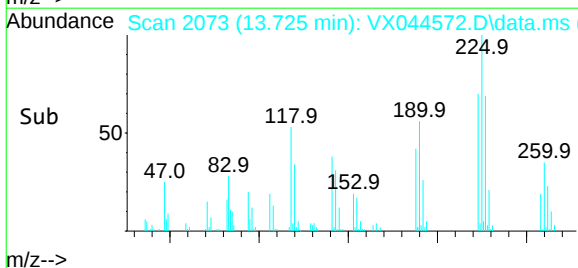
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

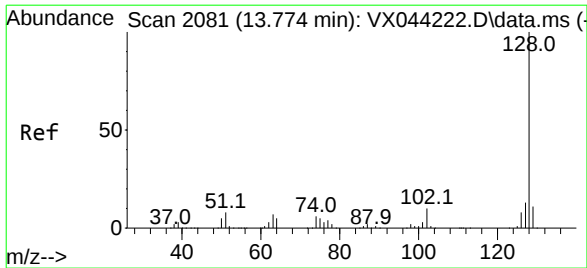


#94
Hexachlorobutadiene
Concen: 22.520 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044572.D
Acq: 31 Dec 2024 11:51



Tgt Ion:225 Resp: 15863
Ion Ratio Lower Upper
225 100
223 65.7 30.8 92.4
227 66.8 32.1 96.3





#95

Naphthalene

Concen: 19.405 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBSD02

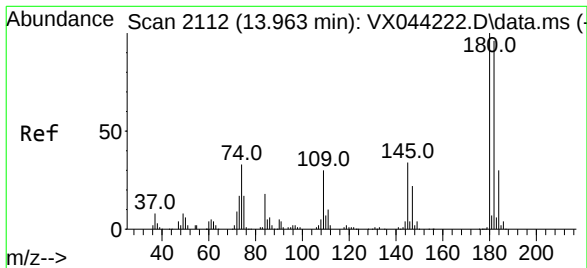
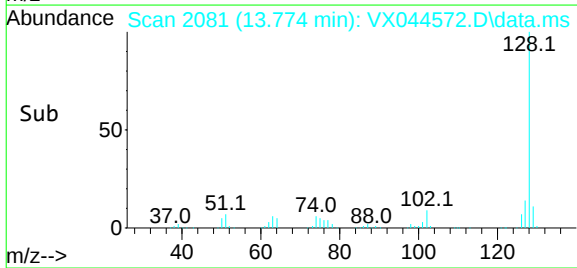
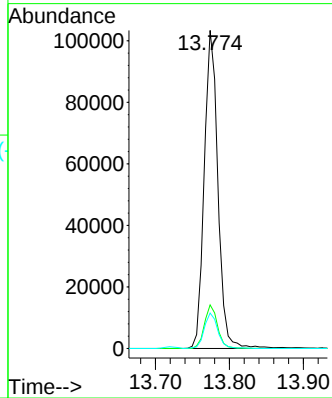
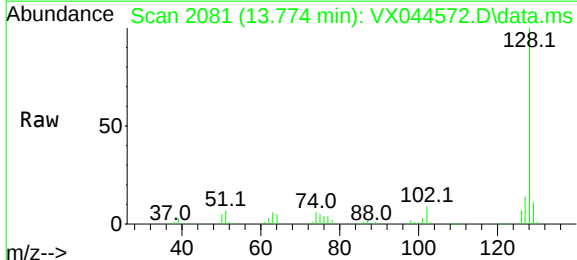
Tgt Ion:	128	Resp:	132642
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 21.510 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044572.D

Acq: 31 Dec 2024 11:51

Tgt Ion:	180	Resp:	39953
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	33.4	17.7	53.1

