

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044568.D
 Acq On : 31 Dec 2024 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 01 01:35:13 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	126884	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	200592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90290	40.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.180%
35) Dibromofluoromethane	5.373	113	72813	52.411	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.820%
50) Toluene-d8	8.647	98	234656	50.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.079	95	86443	52.781	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94172	47.999	ug/l	98
3) Chloromethane	1.294	50	85700	45.678	ug/l	98
4) Vinyl Chloride	1.374	62	90241	46.169	ug/l	100
5) Bromomethane	1.593	94	61182	44.122	ug/l	95
6) Chloroethane	1.660	64	49004	40.263	ug/l	97
7) Trichlorofluoromethane	1.867	101	167177	43.689	ug/l	99
8) Diethyl Ether	2.136	74	58442	44.744	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	81612	52.708	ug/l	95
10) Methyl Iodide	2.441	142	104234	51.077	ug/l	95
11) Tert butyl alcohol	2.995	59	59544	189.910	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73596	51.747	ug/l	94
13) Acrolein	2.233	56	134070	295.400	ug/l	99
14) Allyl chloride	2.654	41	118907	50.195	ug/l	98
15) Acrylonitrile	3.062	53	206935	238.263	ug/l	99
16) Acetone	2.386	43	200578	221.151	ug/l	96
17) Carbon Disulfide	2.495	76	147241	54.464	ug/l	97
18) Methyl Acetate	2.703	43	106832	45.684	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	257573	46.410	ug/l	100
20) Methylene Chloride	2.782	84	80917	47.500	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	76596	50.675	ug/l	93
22) Diisopropyl ether	3.757	45	242147	45.394	ug/l	92
23) Vinyl Acetate	3.715	43	1095031	252.497	ug/l	99
24) 1,1-Dichloroethane	3.599	63	140858	47.372	ug/l	99
25) 2-Butanone	4.562	43	293040	227.270	ug/l	99
26) 2,2-Dichloropropane	4.465	77	127131	52.629	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	93500	48.707	ug/l	95
28) Bromochloromethane	4.897	49	58477	40.106	ug/l	93
29) Tetrahydrofuran	5.001	42	182165	220.108	ug/l	98
30) Chloroform	5.086	83	153806	46.039	ug/l	96
31) Cyclohexane	5.458	56	120210	50.064	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	135428	48.836	ug/l	98
36) 1,1-Dichloropropene	5.684	75	98724	54.974	ug/l	97
37) Ethyl Acetate	4.714	43	113611	51.179	ug/l	99
38) Carbon Tetrachloride	5.666	117	113090	58.493	ug/l	95
39) Methylcyclohexane	7.373	83	133574	62.218	ug/l	96
40) Benzene	6.031	78	310549	56.956	ug/l	99

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 ClientSampleId :
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Manual Integrations
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Reviewed By : John Carlone 01/02/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	62695	53.187	ug/l	98
42) 1,2-Dichloroethane	6.080	62	120034	53.442	ug/l	97
43) Isopropyl Acetate	6.342	43	182544	52.612	ug/l	98
44) Trichloroethene	7.117	130	78505	57.737	ug/l	97
45) 1,2-Dichloropropane	7.421	63	76077	54.613	ug/l	97
46) Dibromomethane	7.574	93	61737	57.127	ug/l	94
47) Bromodichloromethane	7.818	83	109189	58.502	ug/l	99
48) Methyl methacrylate	7.690	41	88670	52.647	ug/l	97
49) 1,4-Dioxane	7.659	88	23526	842.492	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	584184	261.860	ug/l	98
52) Toluene	8.714	92	189430	55.324	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	111851	55.413	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	120884	59.484	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	78317	57.575	ug/l	96
56) Ethyl methacrylate	9.116	69	121218	56.449	ug/l	97
57) 1,3-Dichloropropane	9.305	76	130051	54.928	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	270384	249.641	ug/l	98
59) 2-Hexanone	9.427	43	434743	269.228	ug/l	97
60) Dibromochloromethane	9.518	129	80314	55.351	ug/l	99
61) 1,2-Dibromoethane	9.604	107	82386	59.502	ug/l	97
64) Tetrachloroethene	9.269	164	68900	58.875	ug/l	98
65) Chlorobenzene	10.079	112	212820	56.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	73172	60.261	ug/l	98
67) Ethyl Benzene	10.189	91	365971	56.061	ug/l	96
68) m/p-Xylenes	10.299	106	281854	117.664	ug/l	93
69) o-Xylene	10.640	106	135114	55.747	ug/l	98
70) Styrene	10.652	104	227359	58.516	ug/l	97
71) Bromoform	10.799	173	51240	59.018	ug/l #	99
73) Isopropylbenzene	10.957	105	360319	54.328	ug/l	99
74) N-ethyl acetate	10.841	43	159895	52.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	119406	51.834	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	97653m	50.483	ug/l	
77) Bromobenzene	11.195	156	88510	55.033	ug/l	94
78) n-propylbenzene	11.305	91	408343	55.705	ug/l	98
79) 2-Chlorotoluene	11.360	91	248301	52.375	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	299721	54.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35044	51.699	ug/l	91
82) 4-Chlorotoluene	11.451	91	283555	54.013	ug/l	99
83) tert-Butylbenzene	11.713	119	301057	55.386	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	302030	55.916	ug/l	98
85) sec-Butylbenzene	11.890	105	370955	56.216	ug/l	99
86) p-Isopropyltoluene	12.006	119	310635	56.559	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	160802	57.239	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	160596	55.609	ug/l	98
89) n-Butylbenzene	12.329	91	265664	57.524	ug/l	99
90) Hexachloroethane	12.536	117	53804	67.110	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	158724	54.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27395	61.261	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	101500	63.468	ug/l	99
94) Hexachlorobutadiene	13.725	225	43011	66.863	ug/l	98
95) Naphthalene	13.774	128	354742	56.827	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	105294	62.075	ug/l	99

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/02/2025

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

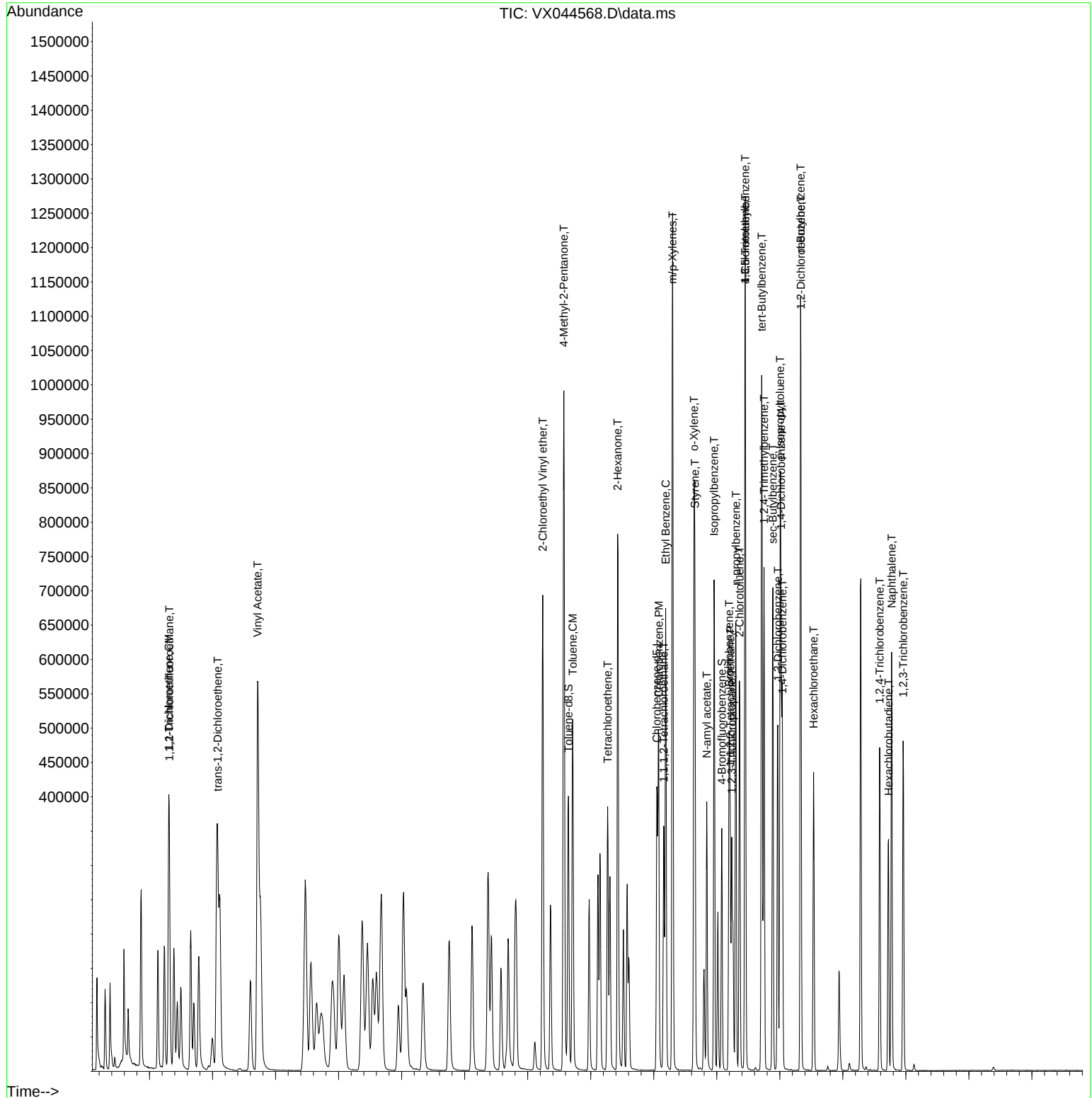
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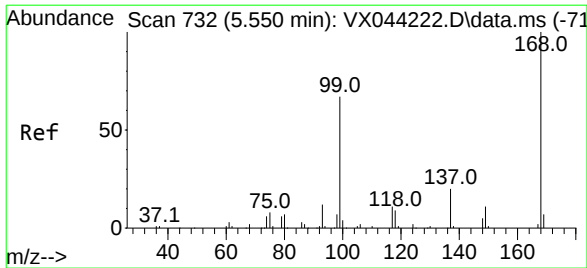
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jan 01 01:35:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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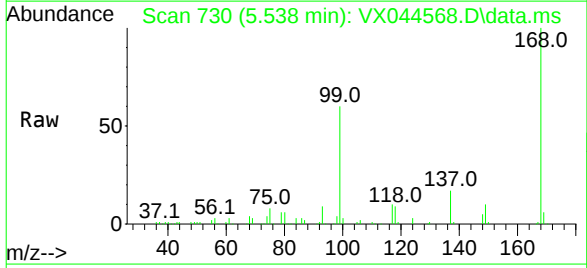
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 73
Delta R.T. -0.012 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

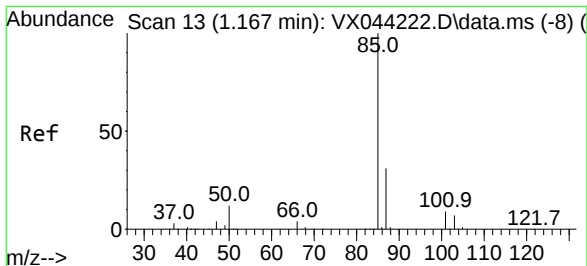
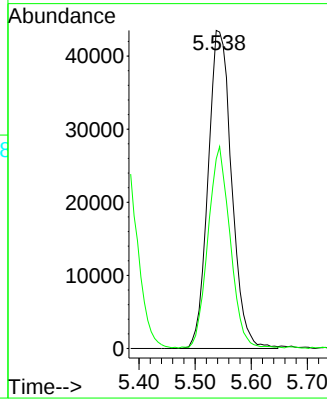
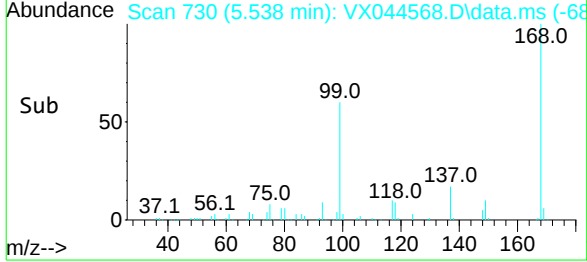
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 126884
Ion Ratio Lower Upper
168 100
99 59.4 53.4 80.0

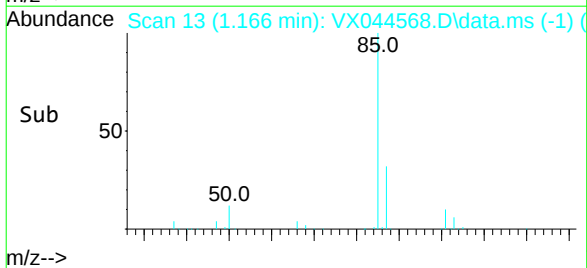
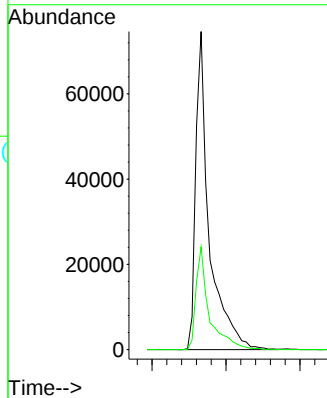
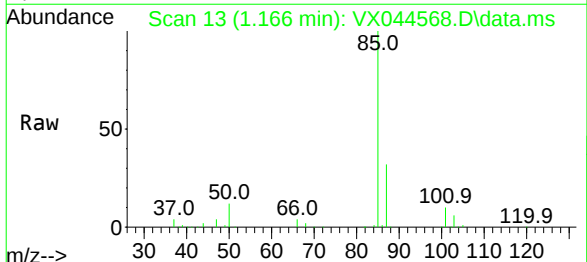
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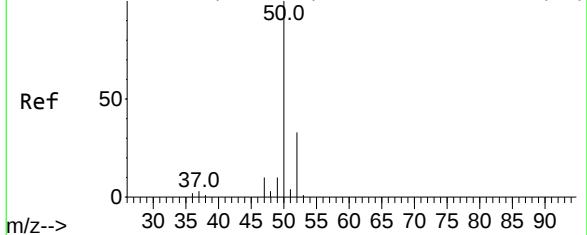


#2
Dichlorodifluoromethane
Concen: 47.999 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 85 Resp: 94172
Ion Ratio Lower Upper
85 100
87 32.3 15.4 46.4



Abundance Scan 34 (1.295 min): VX044222.D\data.ms (-29)



#3

Chloromethane

Concen: 45.678 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 85700

Ion Ratio Lower Upper

50 100

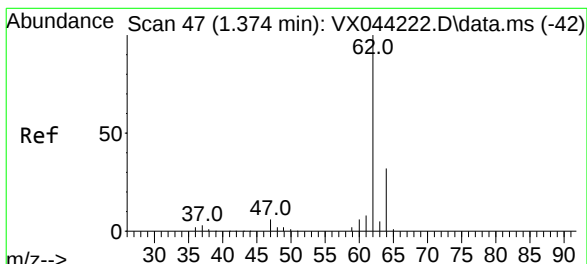
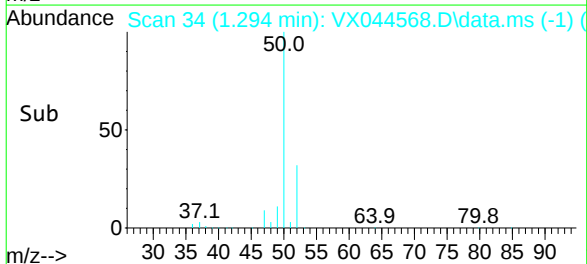
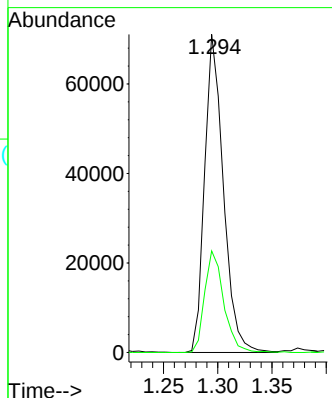
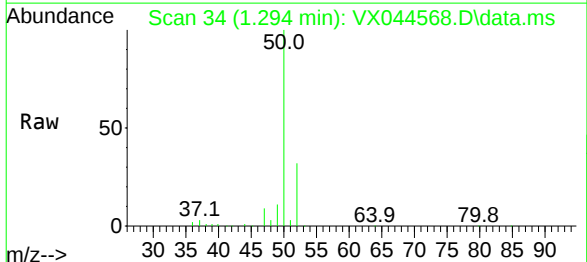
52 31.9 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/02/2025



#4

Vinyl Chloride

Concen: 46.169 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044568.D

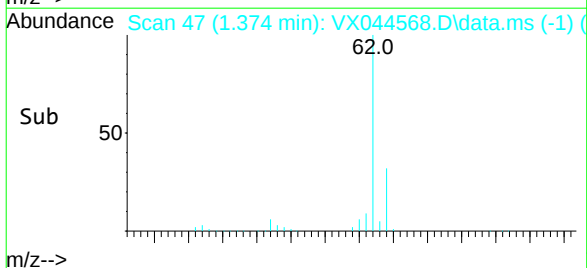
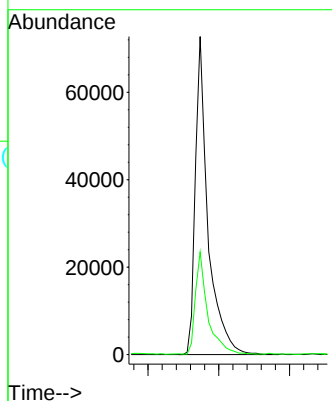
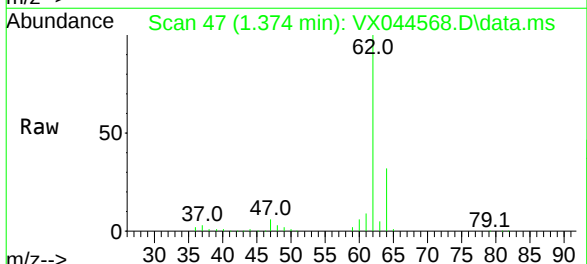
Acq: 31 Dec 2024 10:00

Tgt Ion: 62 Resp: 90241

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 44.122 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 61182

Ion Ratio Lower Upper

94 100

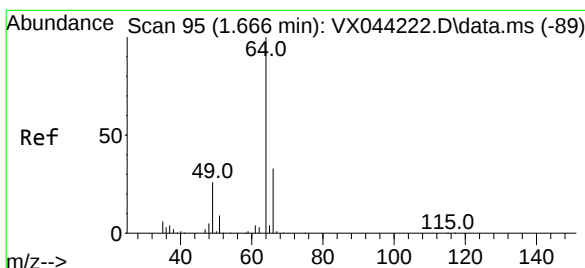
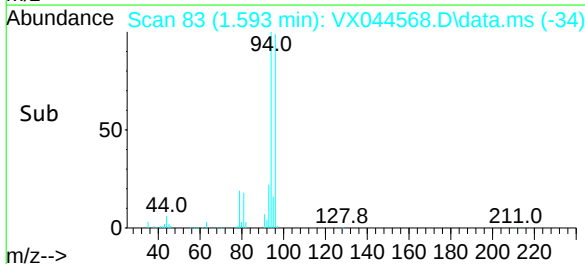
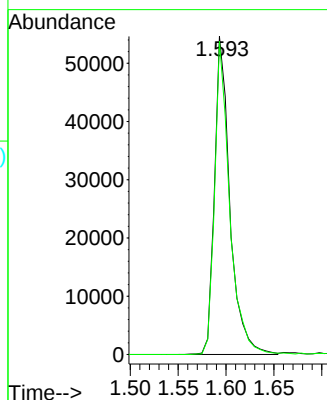
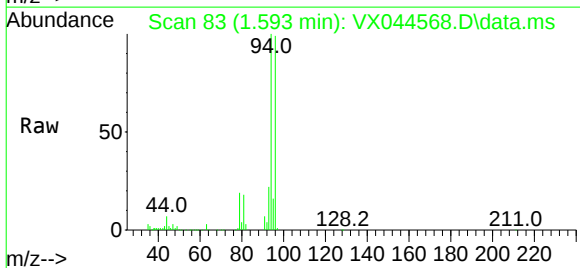
96 98.5 74.9 112.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/02/2025



#6

Chloroethane

Concen: 40.263 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044568.D

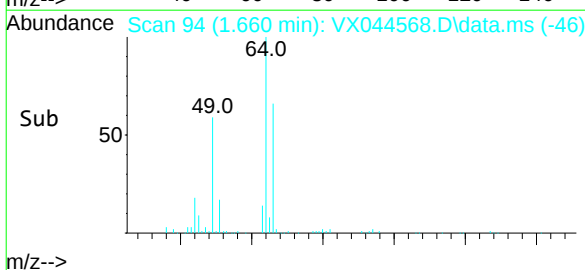
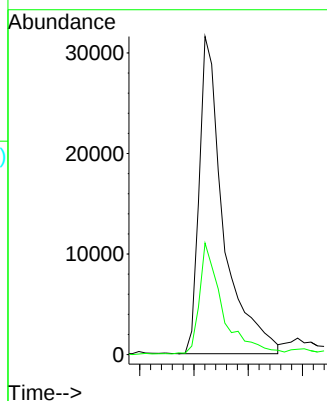
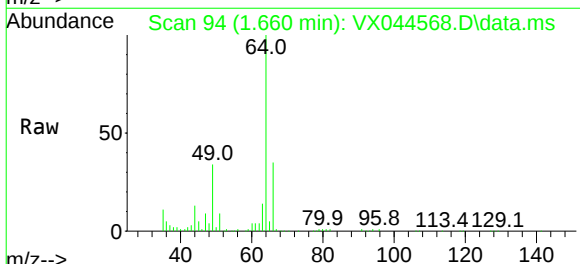
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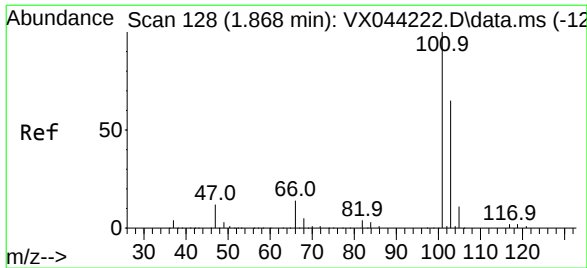
Tgt Ion: 64 Resp: 49004

Ion Ratio Lower Upper

64 100

66 34.6 26.6 39.8





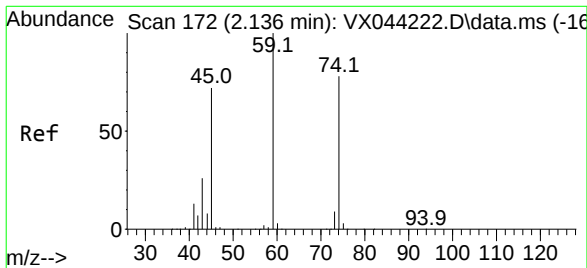
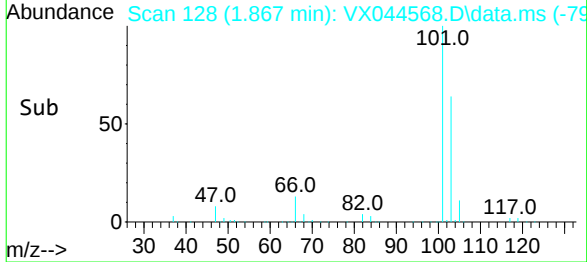
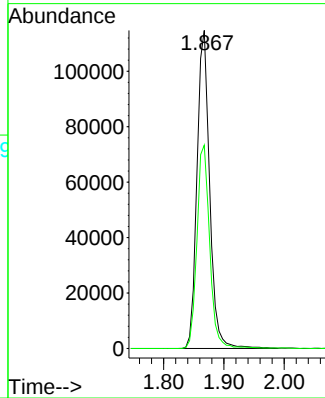
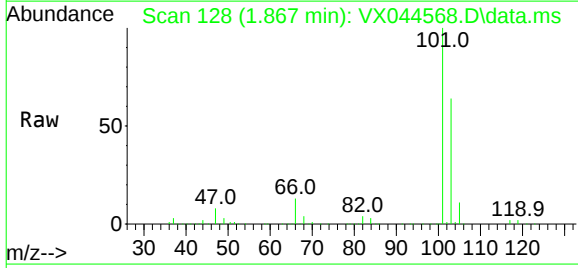
#7
Trichlorofluoromethane
Concen: 43.689 ug/l
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 167177
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

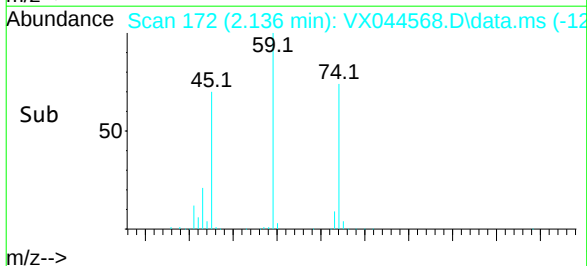
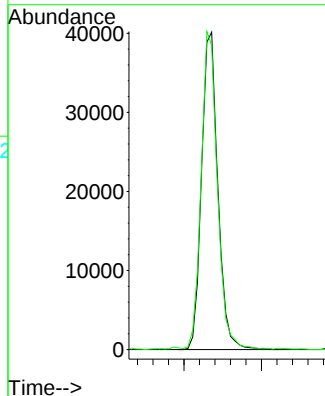
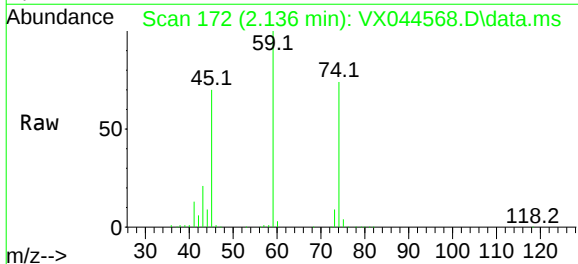
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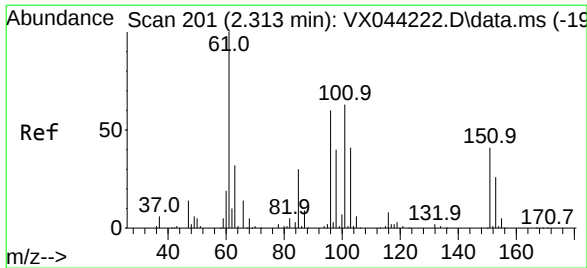
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#8
Diethyl Ether
Concen: 44.744 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

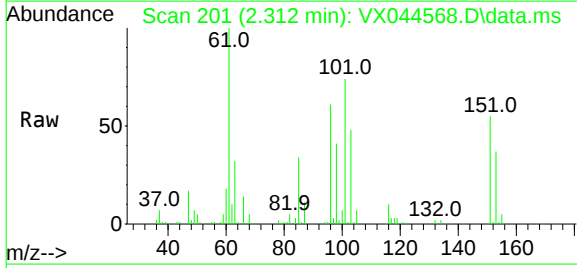
Tgt Ion: 74 Resp: 58442
Ion Ratio Lower Upper
74 100
45 99.1 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.708 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

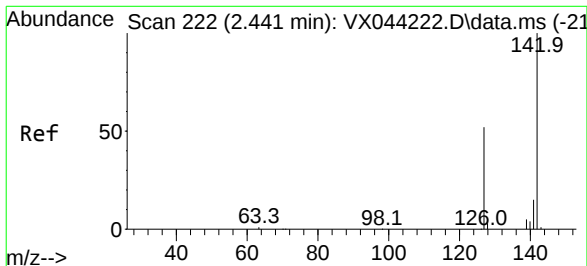
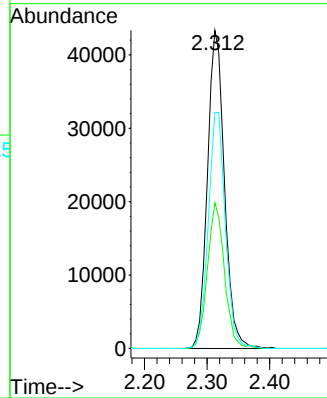
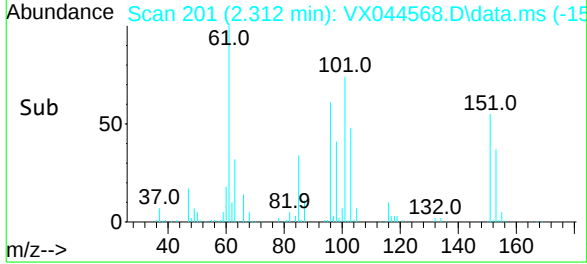
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



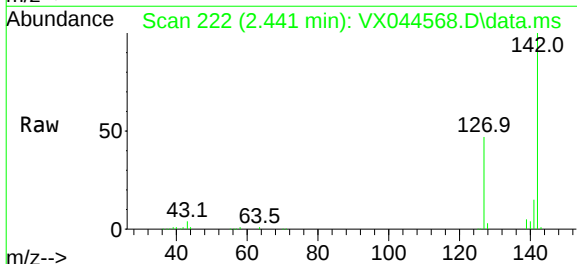
Tgt Ion:101 Resp: 81612
Ion Ratio Lower Upper
101 100
85 45.9 38.5 57.7
151 74.8 55.8 83.6

Manual Integrations
APPROVED

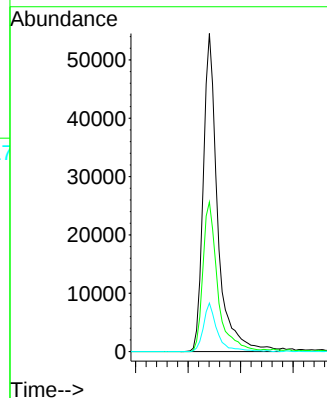
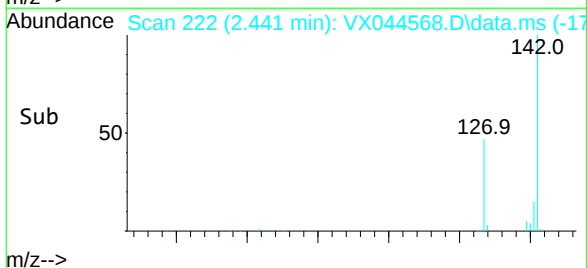
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

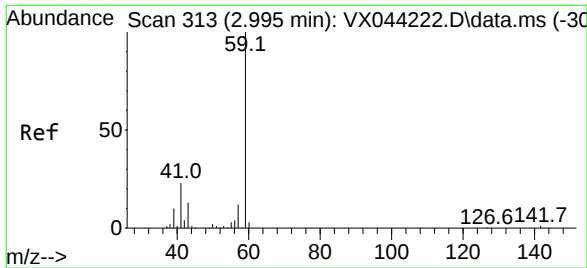


#10
Methyl Iodide
Concen: 51.077 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00



Tgt Ion:142 Resp: 104234
Ion Ratio Lower Upper
142 100
127 48.1 41.8 62.8
141 14.7 11.5 17.3





#11

Tert butyl alcohol

Concen: 189.910 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 59544

Ion Ratio Lower Upper

59 100

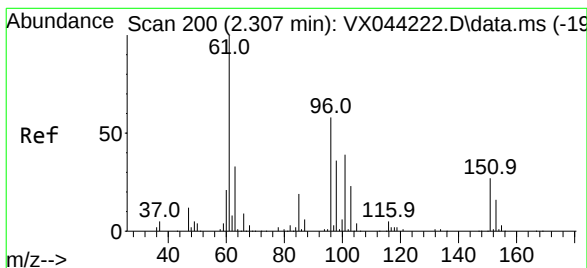
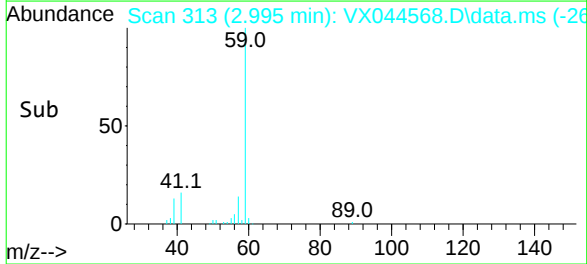
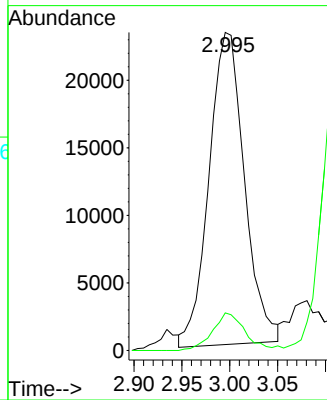
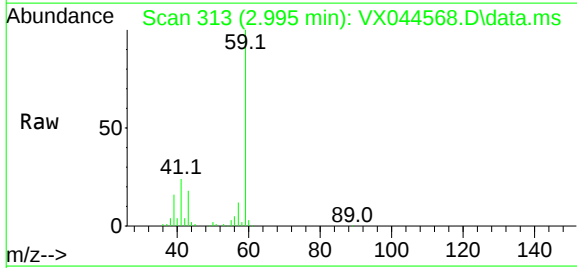
57 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 51.747 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

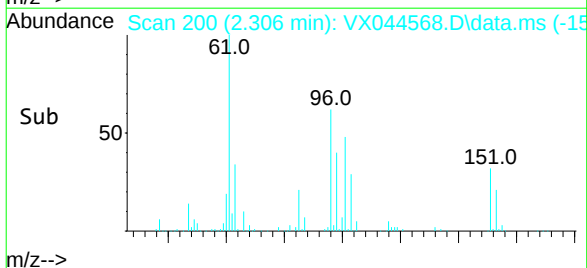
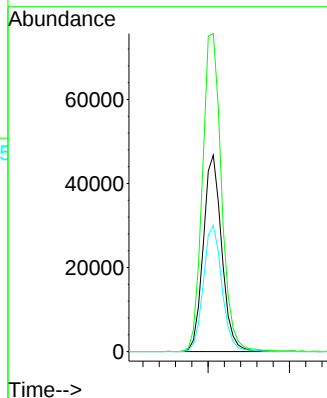
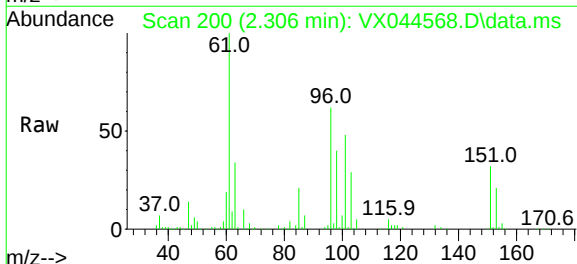
Tgt Ion: 96 Resp: 73596

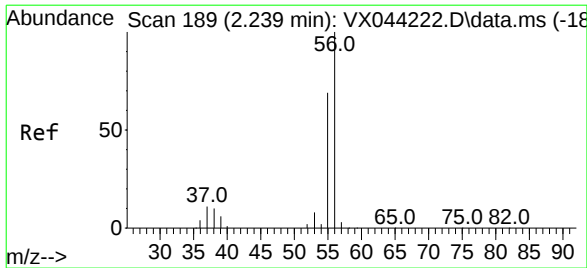
Ion Ratio Lower Upper

96 100

61 161.9 138.0 207.0

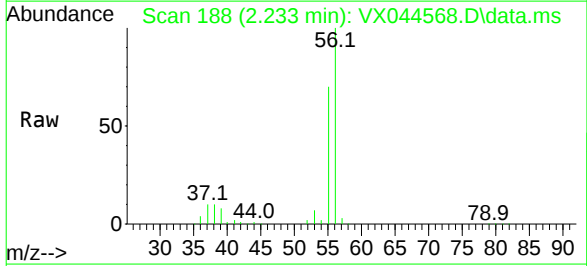
98 64.3 50.0 75.0





#13
Acrolein
Concen: 295.400 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

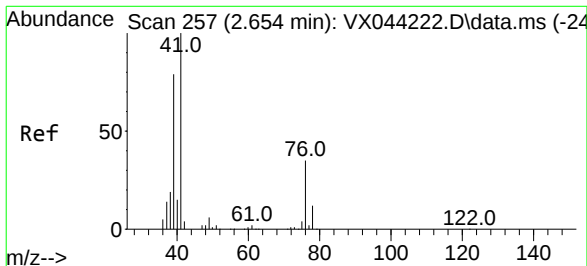
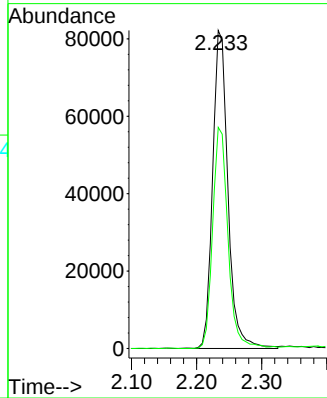
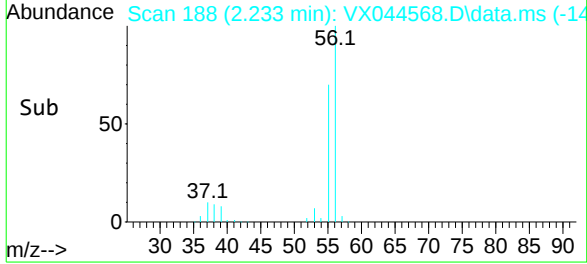
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 134070
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8

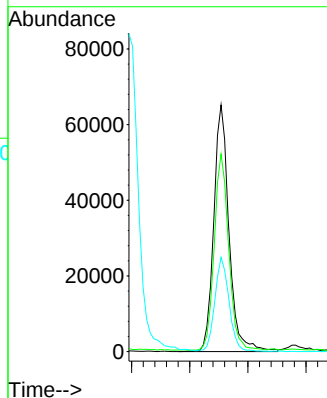
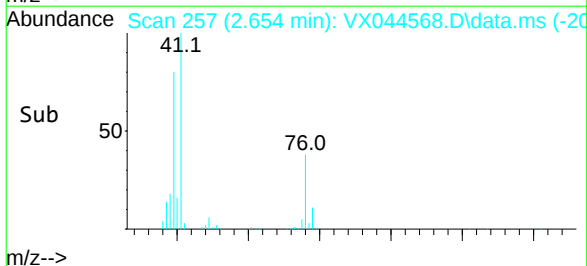
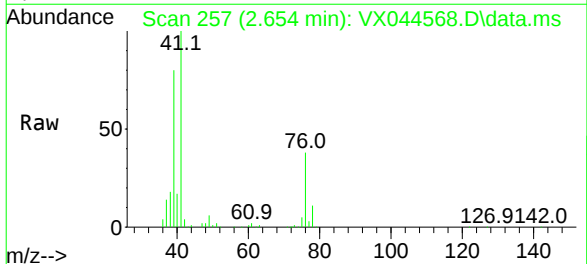
Manual Integrations
APPROVED

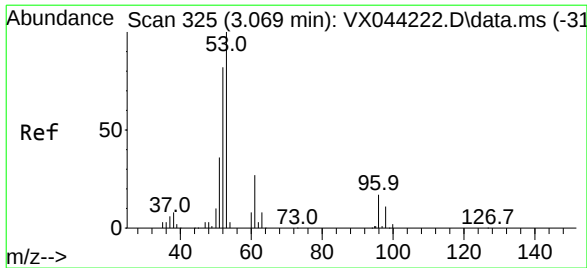
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 50.195 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

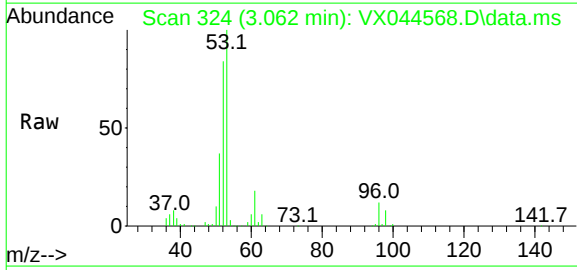
Tgt Ion: 41 Resp: 118907
Ion Ratio Lower Upper
41 100
39 75.3 61.9 92.9
76 35.4 27.4 41.2





#15
Acrylonitrile
Concen: 238.263 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

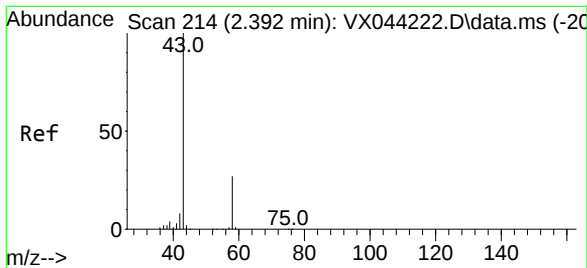
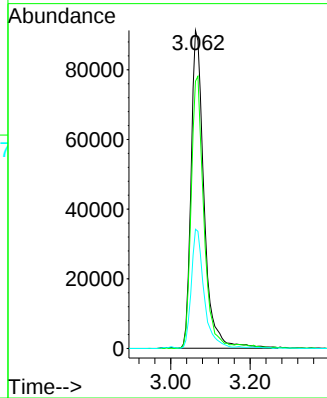
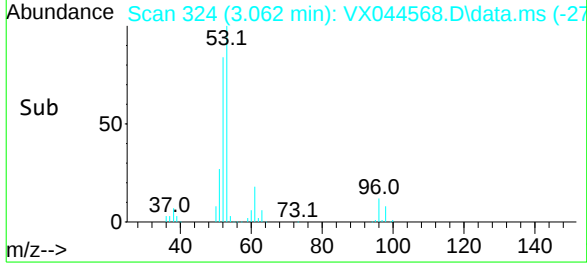
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 206935
Ion Ratio Lower Upper
53 100
52 83.2 67.4 101.0
51 36.6 30.3 45.5

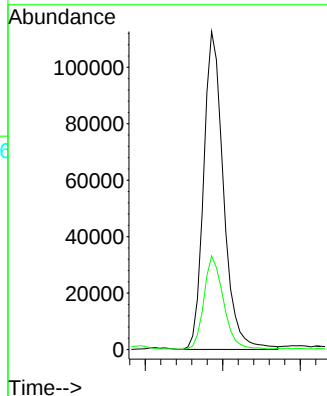
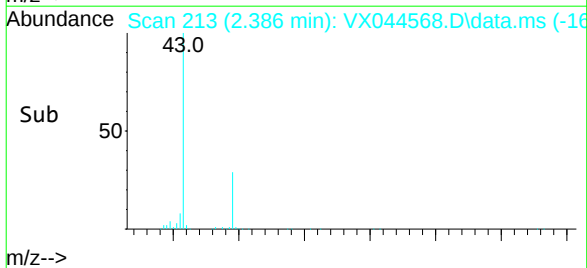
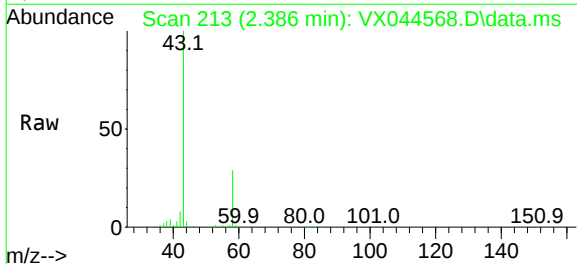
Manual Integrations
APPROVED

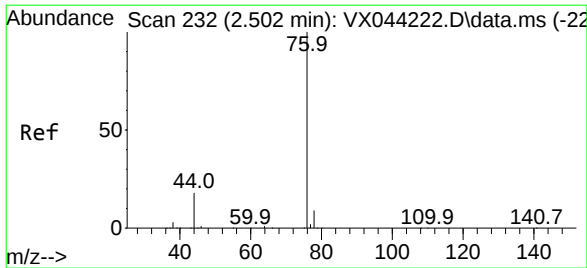
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#16
Acetone
Concen: 221.151 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 43 Resp: 200578
Ion Ratio Lower Upper
43 100
58 29.3 21.6 32.4





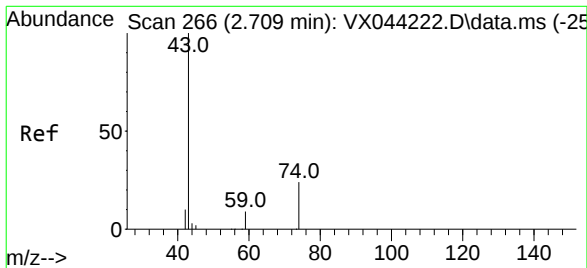
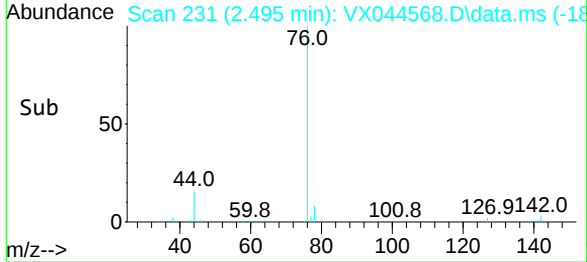
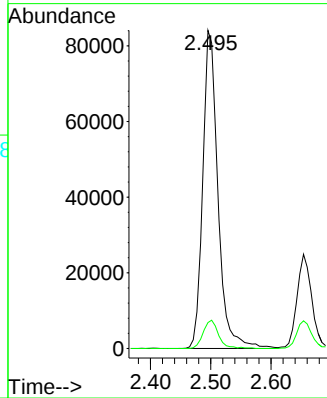
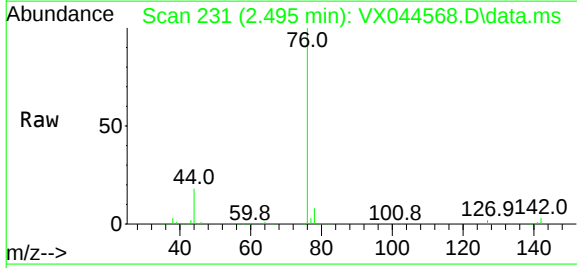
#17
Carbon Disulfide
Concen: 54.464 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 147241
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

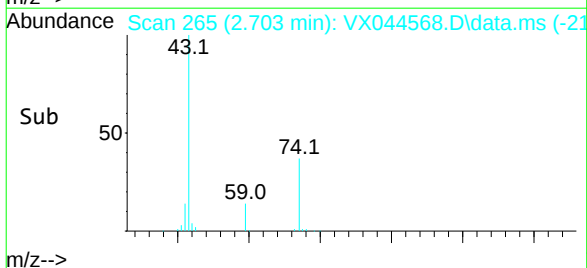
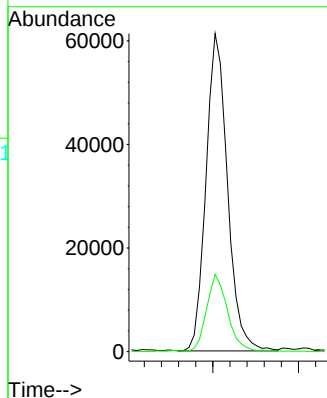
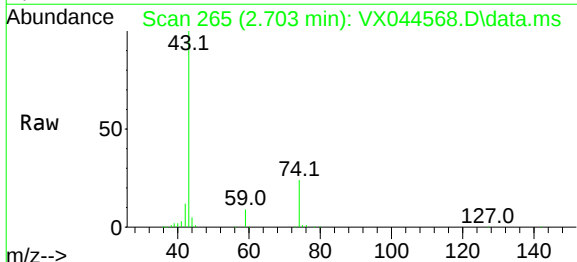
Manual Integrations
APPROVED

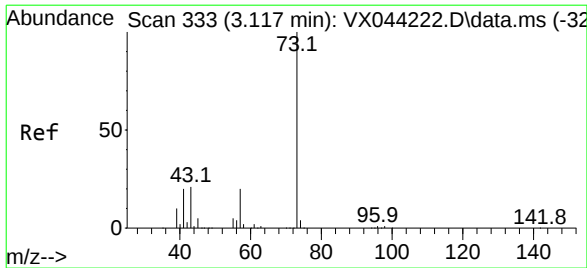
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 45.684 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 43 Resp: 106832
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5





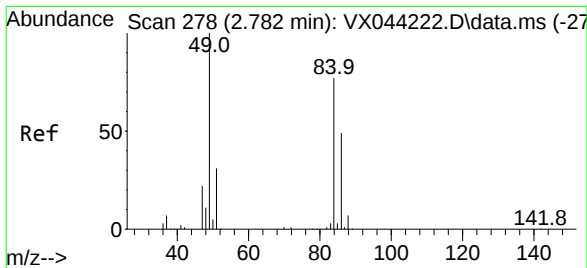
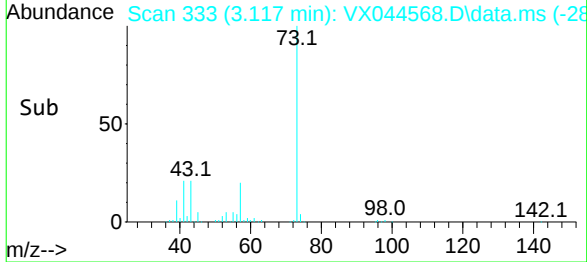
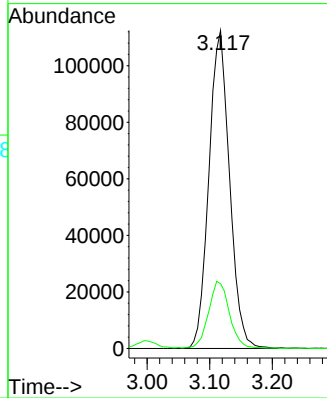
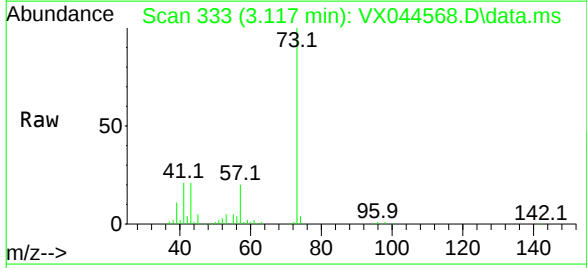
#19
Methyl tert-butyl Ether
Concen: 46.410 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 257573
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4

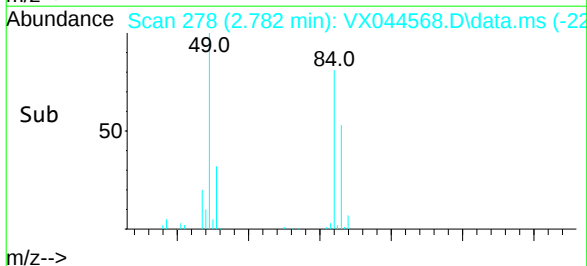
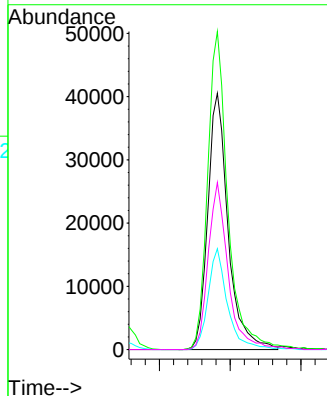
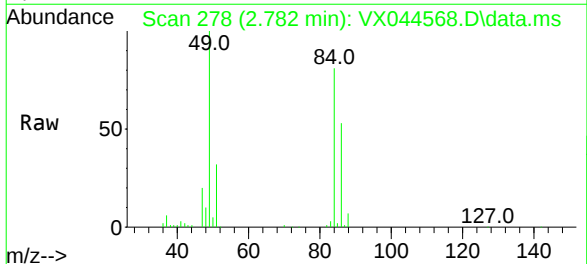
Manual Integrations
APPROVED

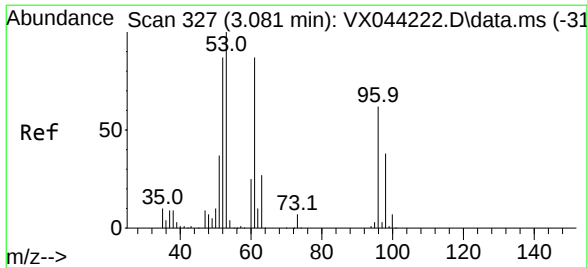
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#20
Methylene Chloride
Concen: 47.500 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 84 Resp: 80917
Ion Ratio Lower Upper
84 100
49 124.1 104.2 156.4
51 39.3 32.2 48.4
86 65.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 50.675 ug/l

RT: 3.081 min Scan# 32

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 76596

Ion Ratio Lower Upper

96 100

61 129.2 112.0 168.0

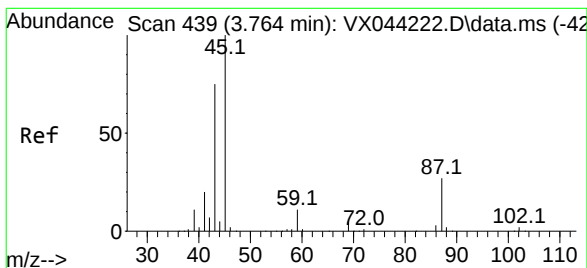
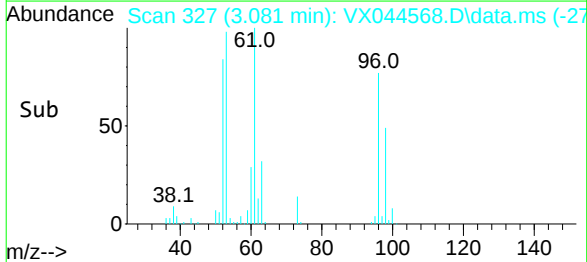
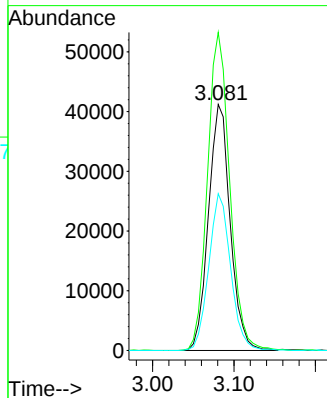
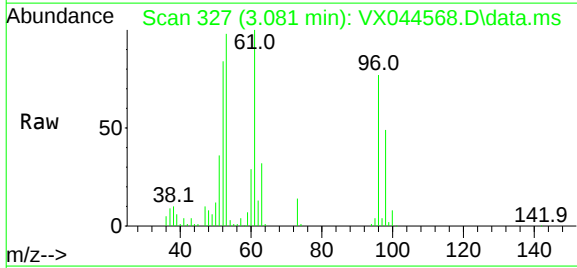
98 63.7 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#22

Diisopropyl ether

Concen: 45.394 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion: 45 Resp: 242147

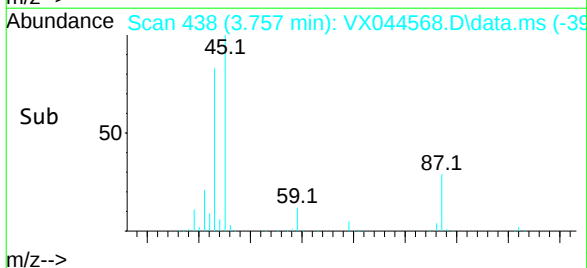
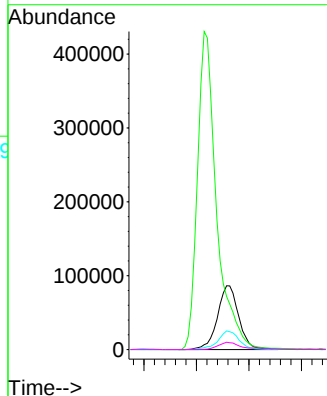
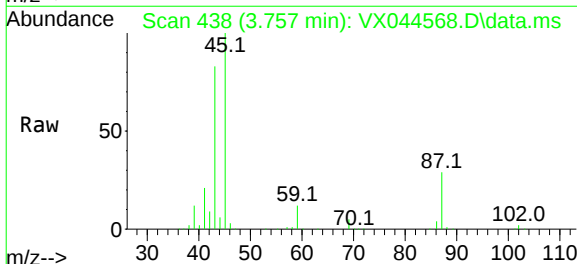
Ion Ratio Lower Upper

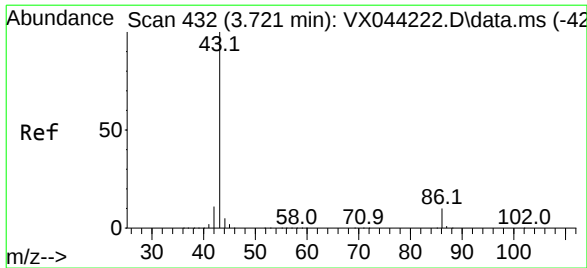
45 100

43 83.2 60.2 90.2

87 29.3 21.2 31.8

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 252.497 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1095031

Ion Ratio Lower Upper

43 100

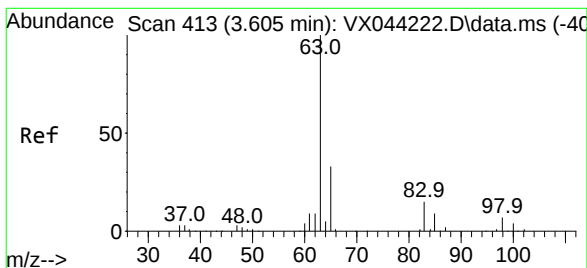
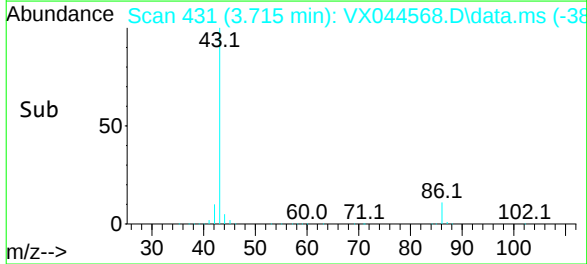
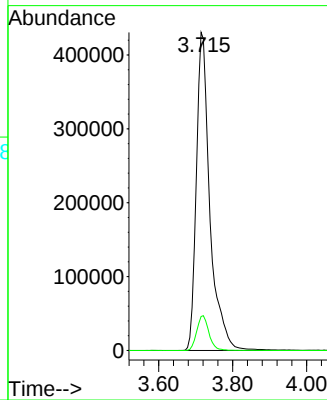
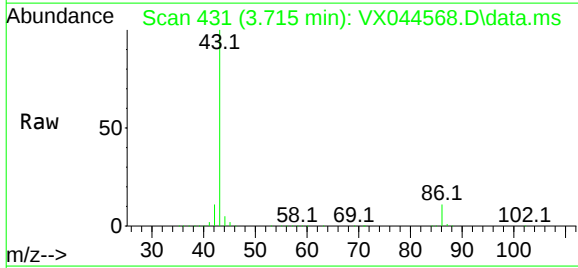
86 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#24

1,1-Dichloroethane

Concen: 47.372 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

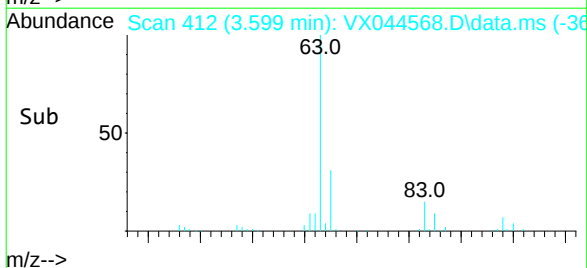
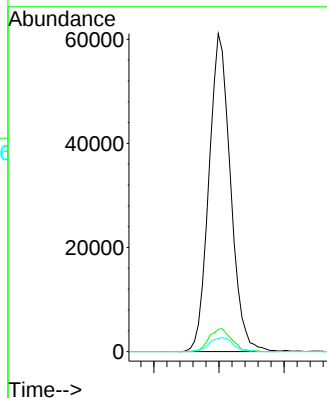
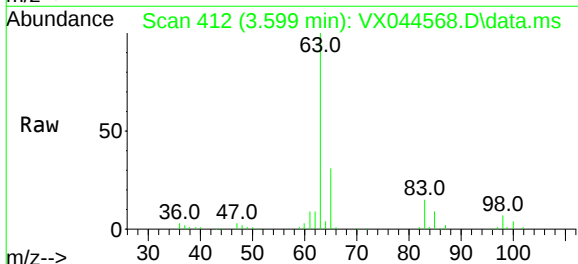
Tgt Ion: 63 Resp: 140858

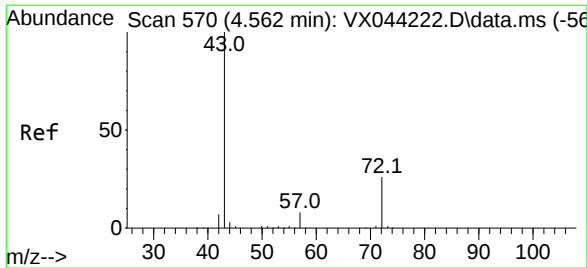
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.1 2.1 6.3





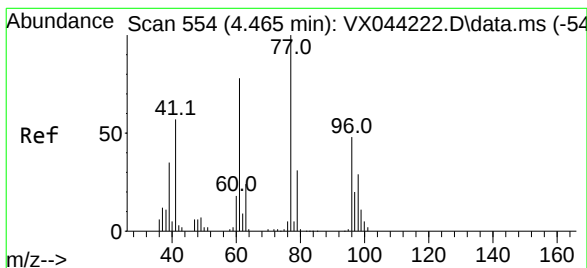
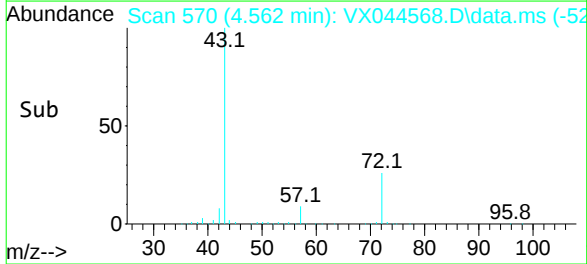
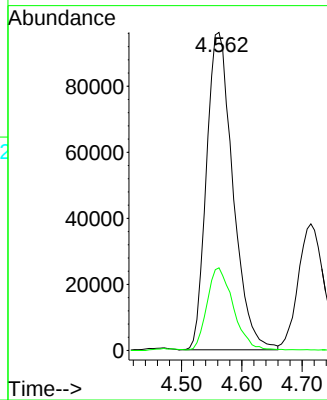
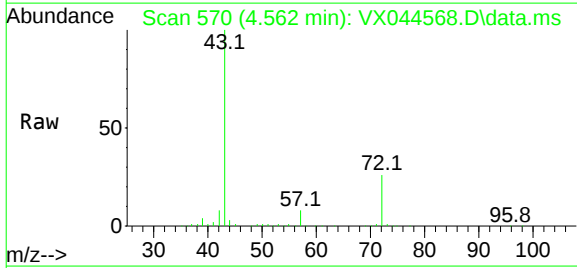
#25
2-Butanone
Concen: 227.270 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 293040
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.4

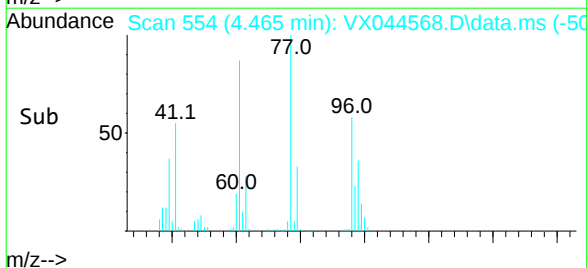
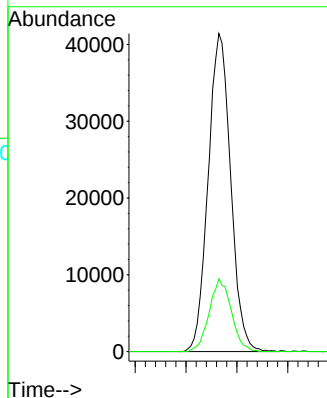
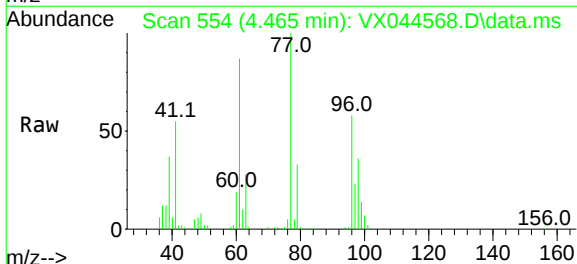
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 52.629 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

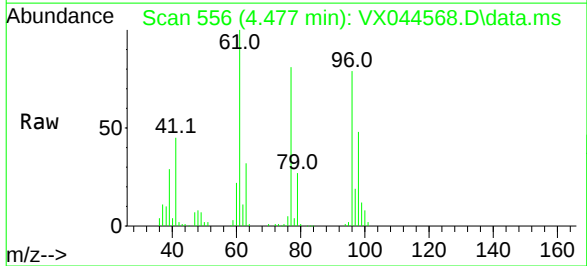
Tgt Ion: 77 Resp: 127131
Ion Ratio Lower Upper
77 100
97 22.4 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 48.707 ug/l
RT: 4.477 min Scan# 55
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

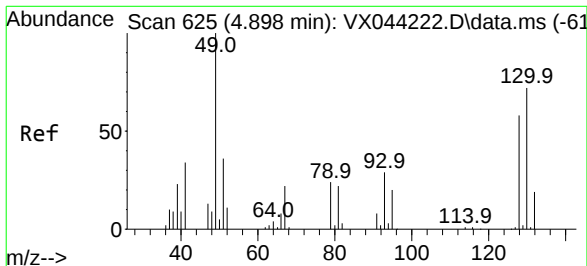
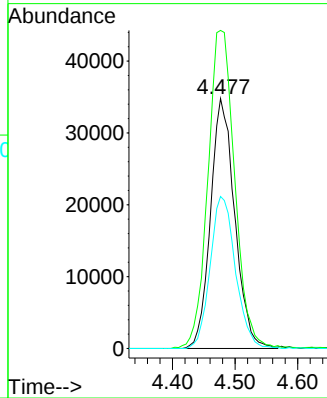
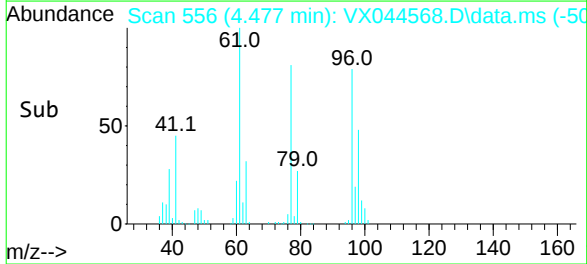
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 93500
Ion Ratio Lower Upper
96 100
61 141.3 0.0 299.0
98 63.6 0.0 129.0

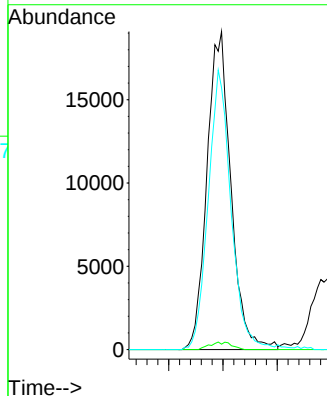
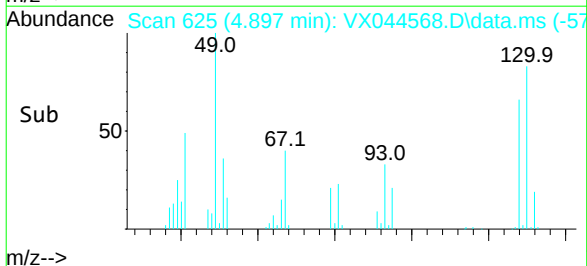
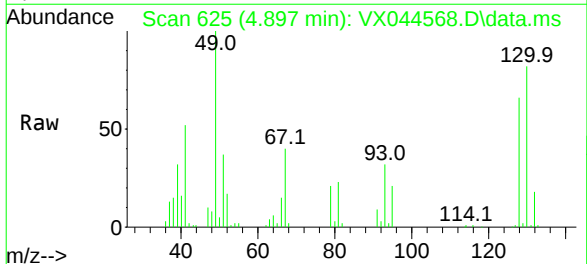
Manual Integrations
APPROVED

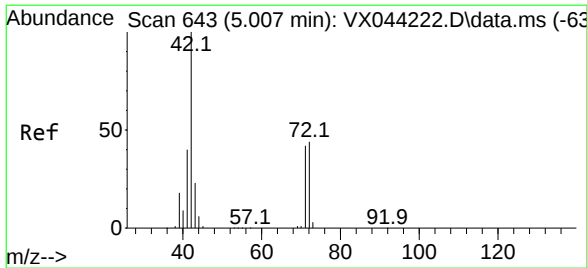
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#28
Bromochloromethane
Concen: 40.106 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 49 Resp: 58477
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 83.6 62.1 93.1





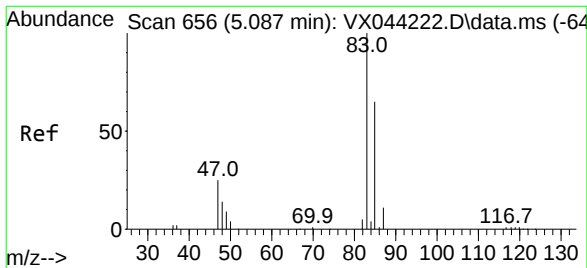
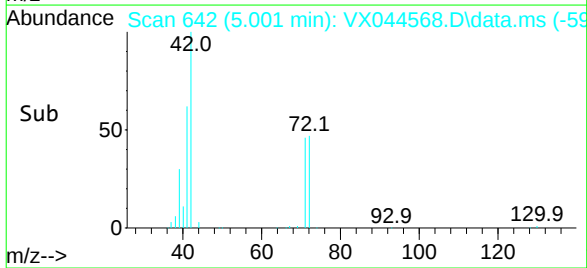
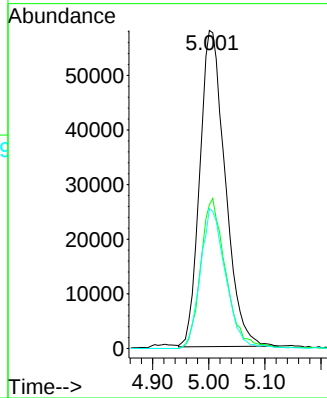
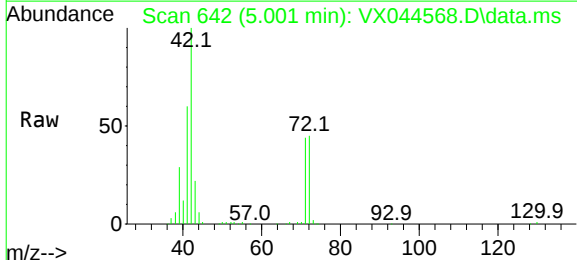
#29
Tetrahydrofuran
Concen: 220.108 ug/l
RT: 5.001 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 182165
Ion Ratio Lower Upper
42 100
72 46.7 37.0 55.6
71 43.5 33.6 50.4

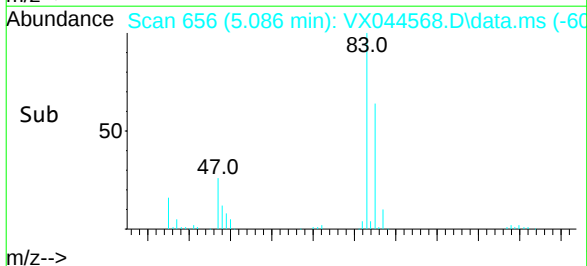
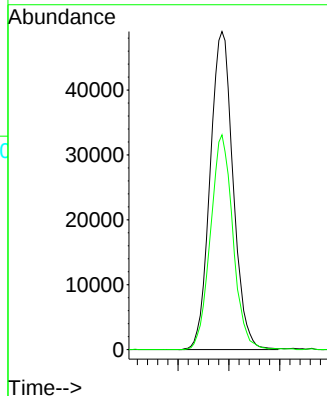
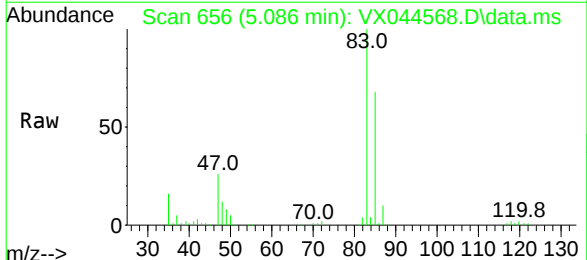
Manual Integrations
APPROVED

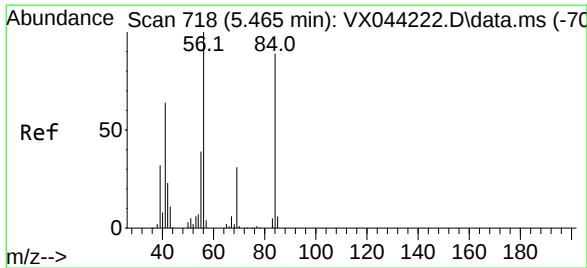
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 46.039 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 83 Resp: 153806
Ion Ratio Lower Upper
83 100
85 67.5 51.6 77.4





#31

Cyclohexane

Concen: 50.064 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 120210

Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

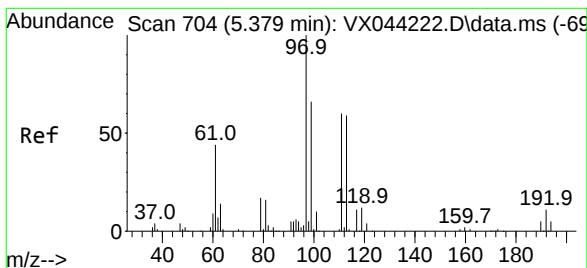
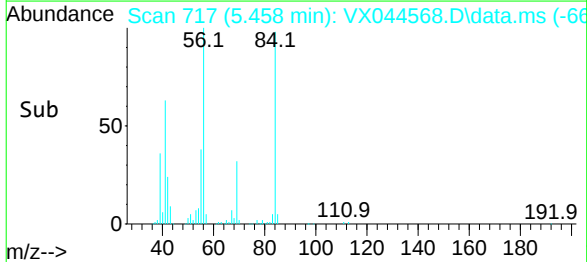
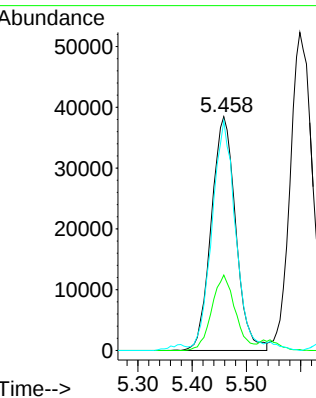
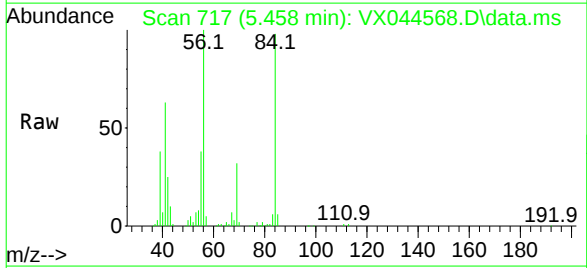
84 97.3 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#32

1,1,1-Trichloroethane

Concen: 48.836 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

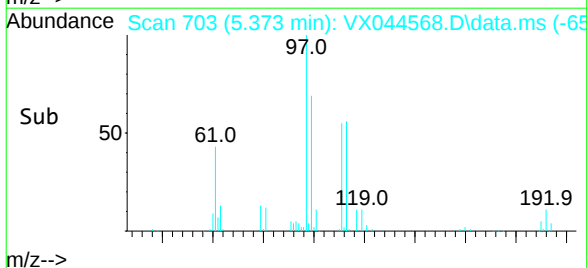
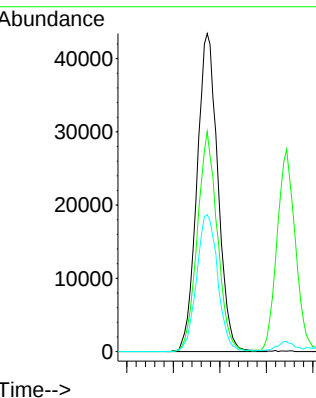
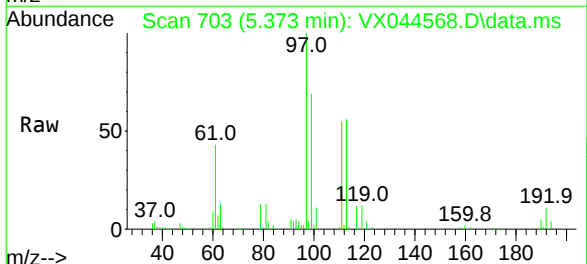
Tgt Ion: 97 Resp: 135428

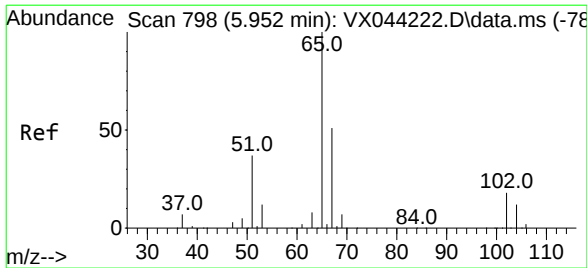
Ion Ratio Lower Upper

97 100

99 65.9 50.8 76.2

61 43.6 35.2 52.8





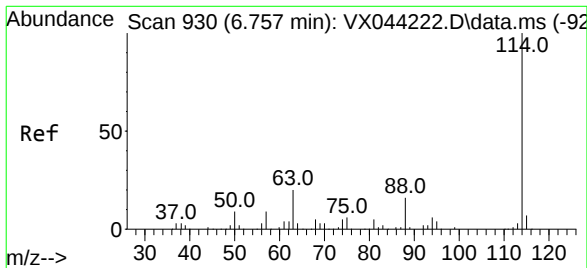
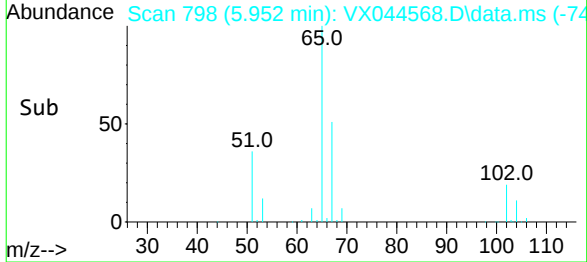
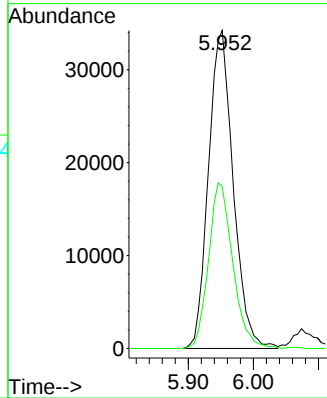
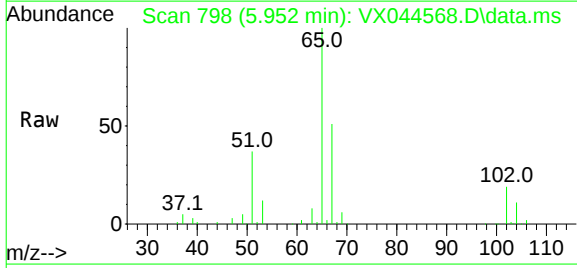
#33
1,2-Dichloroethane-d4
Concen: 40.585 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 90290
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

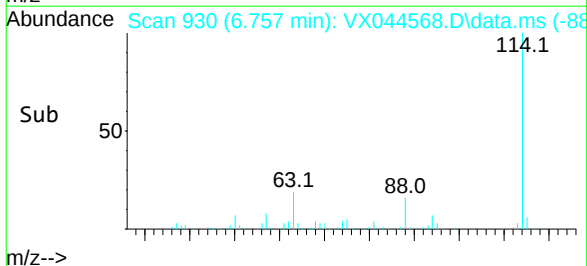
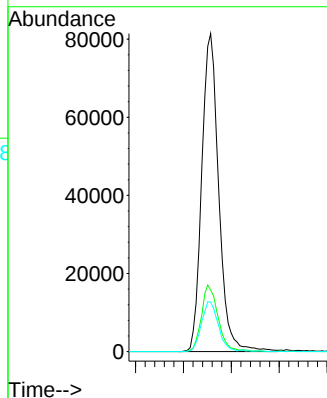
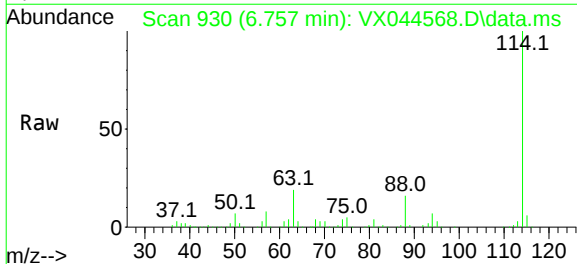
Manual Integrations
APPROVED

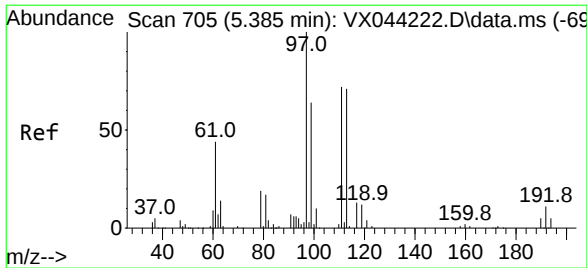
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion:114 Resp: 200592
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.6
88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.411 ug/l

RT: 5.373 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

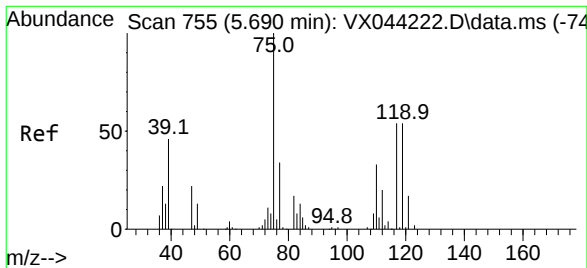
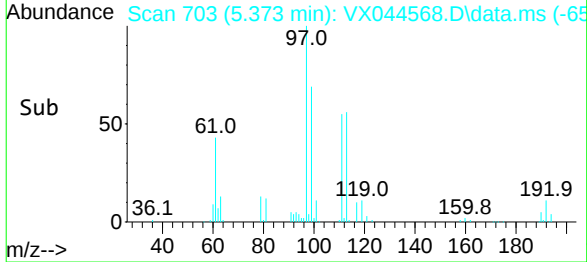
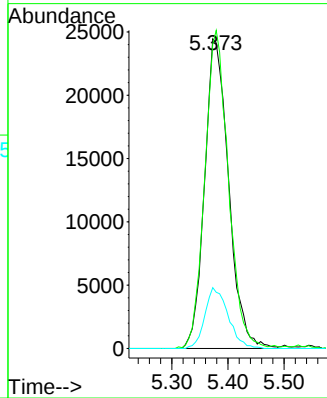
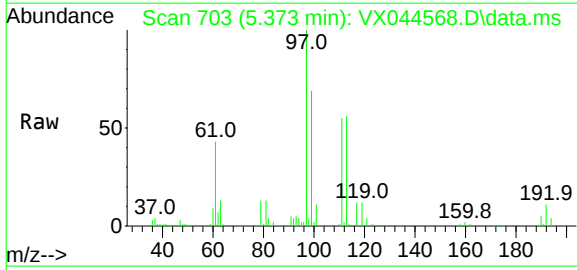
Tgt Ion:	113	Resp:	72813
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.4	120.6
192	19.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#36

1,1-Dichloropropene

Concen: 54.974 ug/l

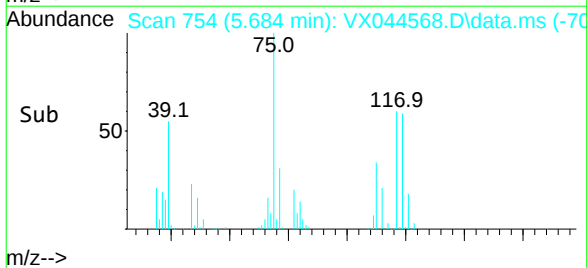
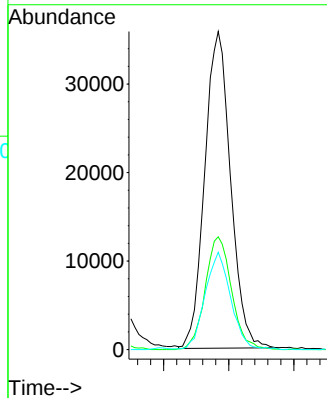
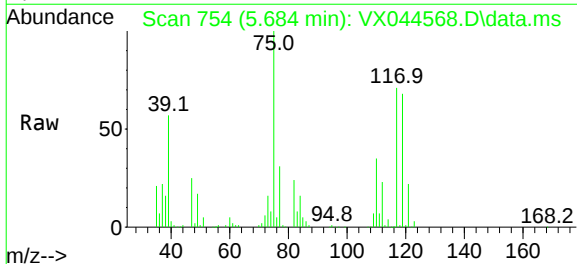
RT: 5.684 min Scan# 754

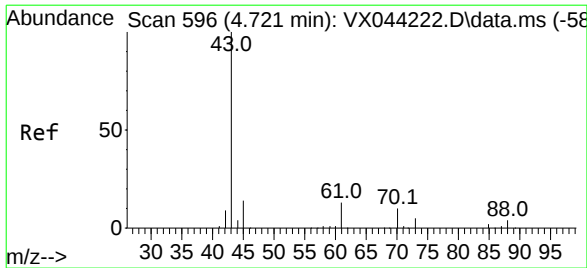
Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion:	75	Resp:	98724
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.3	51.7
77	30.6	25.4	38.0





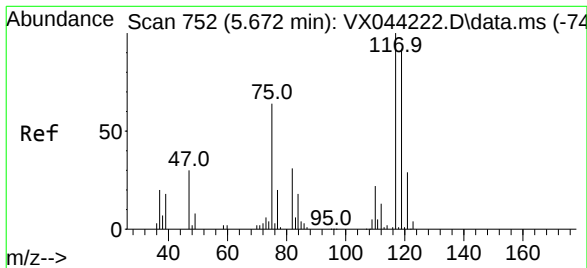
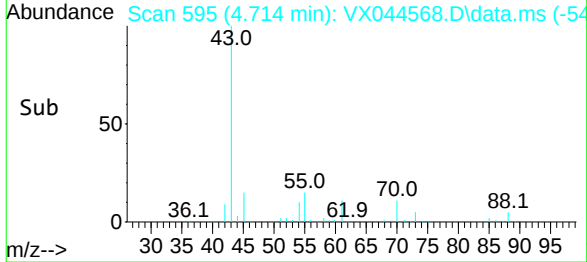
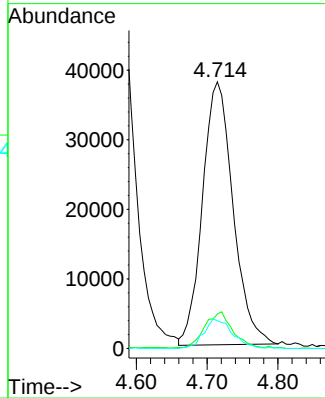
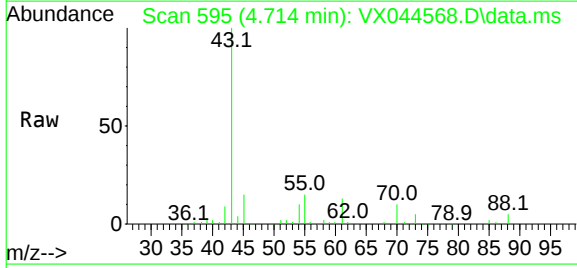
#37
Ethyl Acetate
Concen: 51.179 ug/l
RT: 4.714 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	113611
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	10.4	7.7	11.5

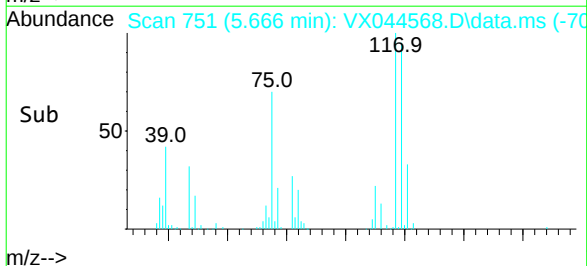
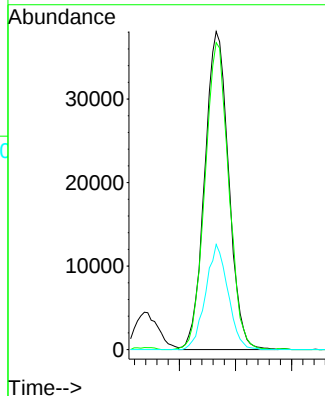
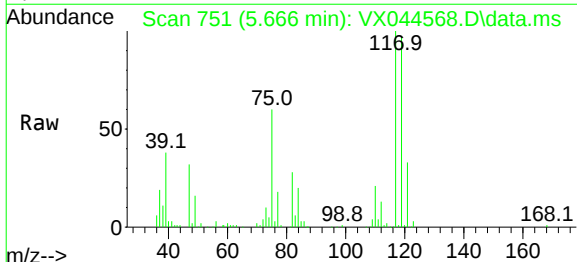
Manual Integrations
APPROVED

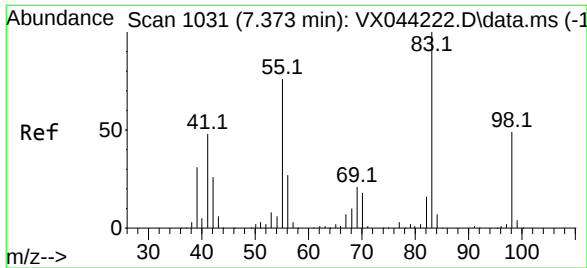
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 58.493 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion:	117	Resp:	113090
Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.2	111.4
121	33.0	23.0	34.6





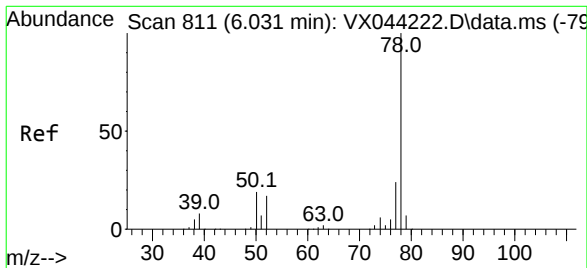
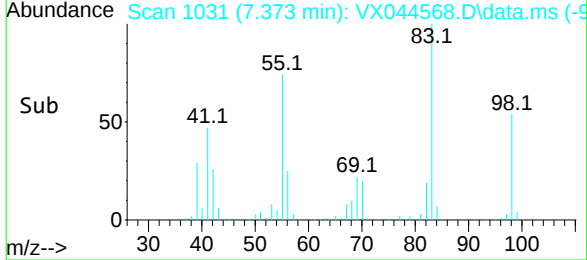
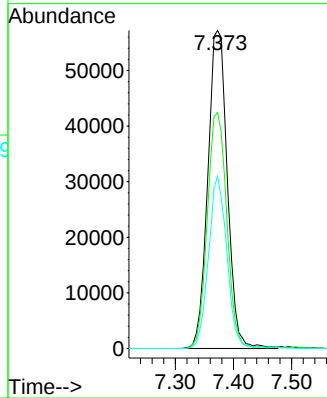
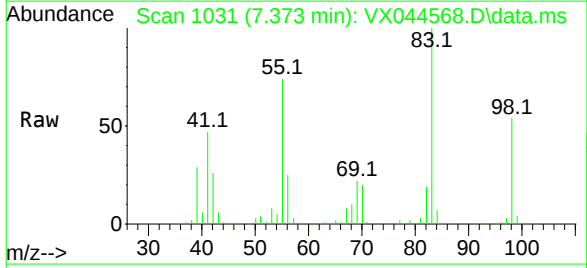
#39
Methylcyclohexane
Concen: 62.218 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 133574
Ion Ratio Lower Upper
83 100
55 74.2 60.7 91.1
98 54.2 38.9 58.3

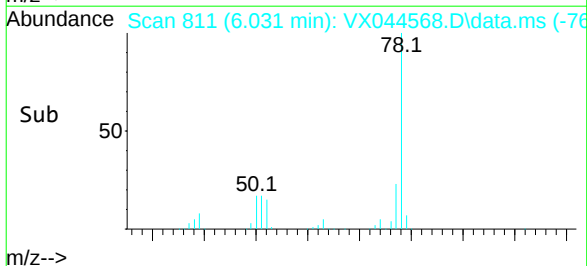
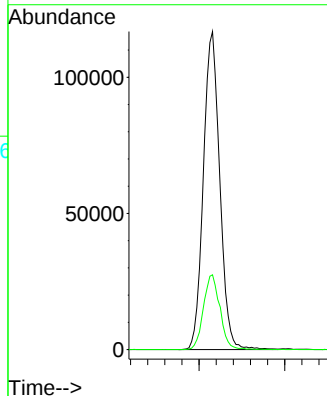
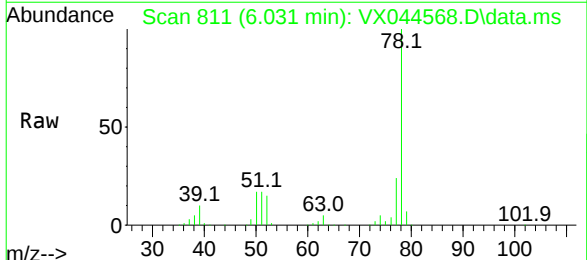
Manual Integrations
APPROVED

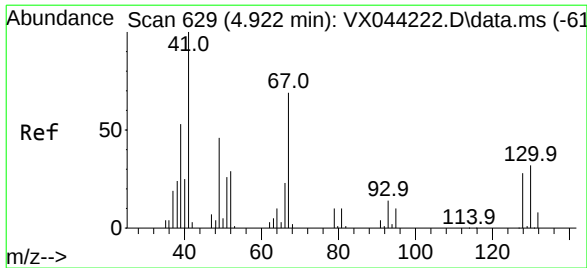
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 56.956 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 78 Resp: 310549
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





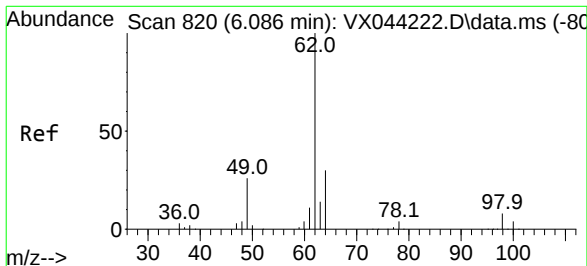
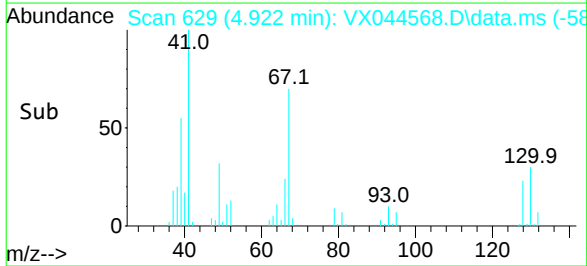
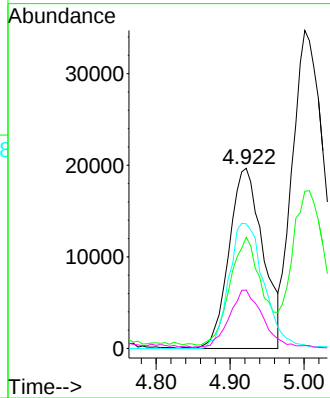
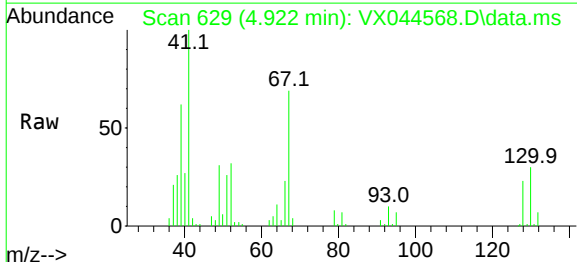
#41
Methacrylonitrile
Concen: 53.187 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	62695
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.2	66.4
67	71.8	57.2	85.8
52	32.9	24.6	37.0

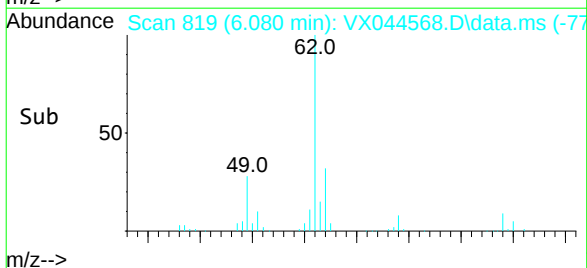
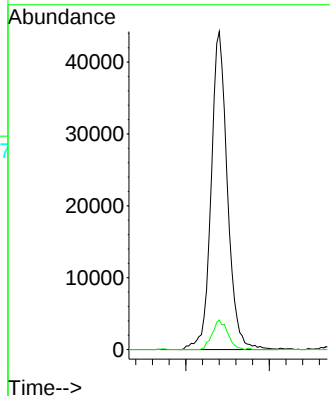
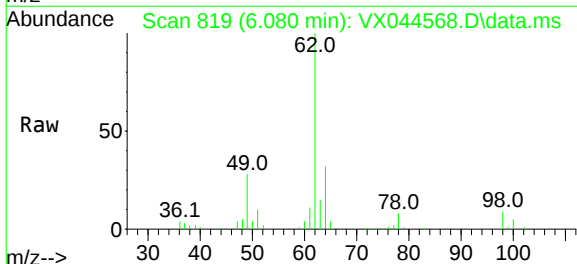
Manual Integrations
APPROVED

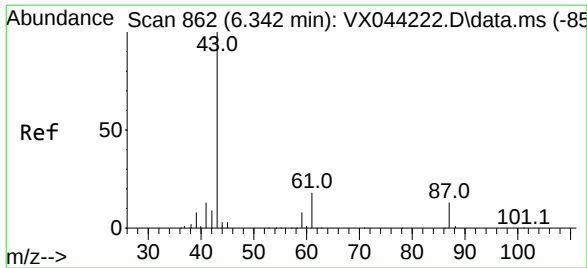
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 53.442 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion:	62	Resp:	120034
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 52.612 ug/l

RT: 6.342 min Scan# 86

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

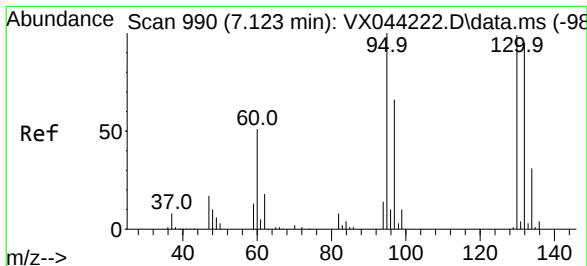
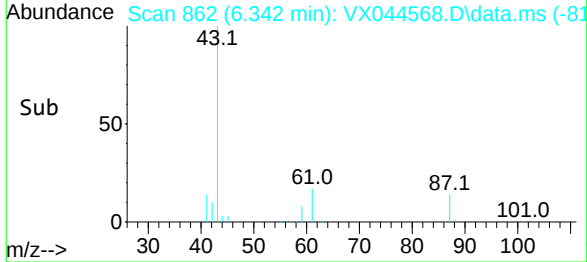
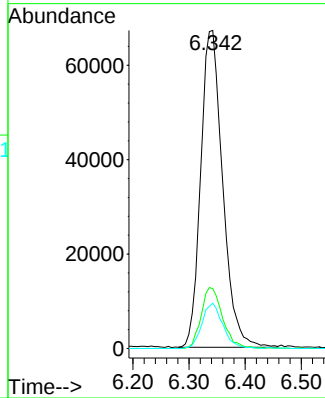
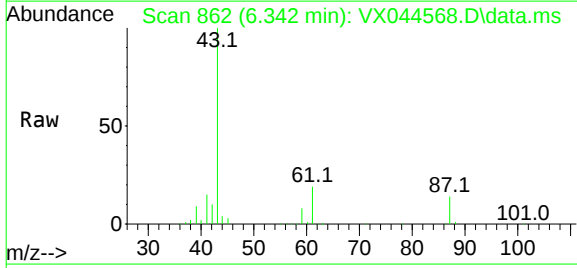
Tgt Ion:	43	Resp:	182544
Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.2	21.2
87	13.6	10.2	15.2

Manual Integrations

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Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#44

Trichloroethene

Concen: 57.737 ug/l

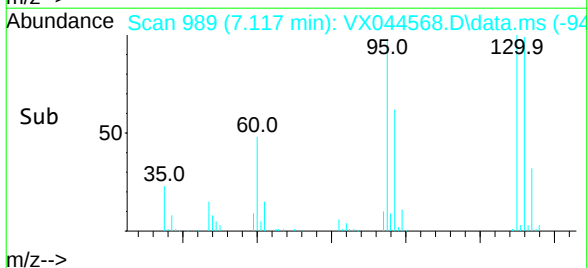
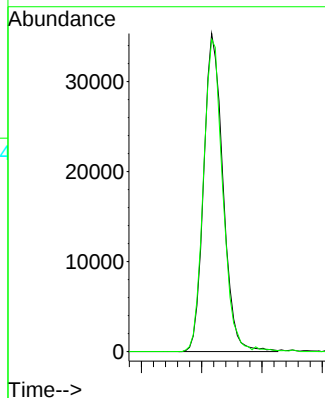
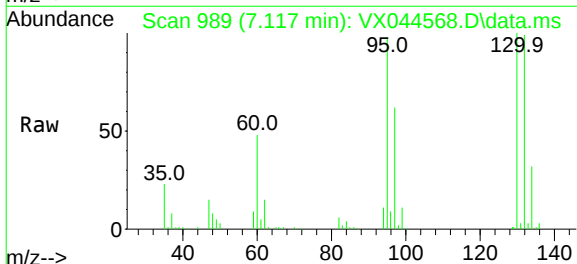
RT: 7.117 min Scan# 989

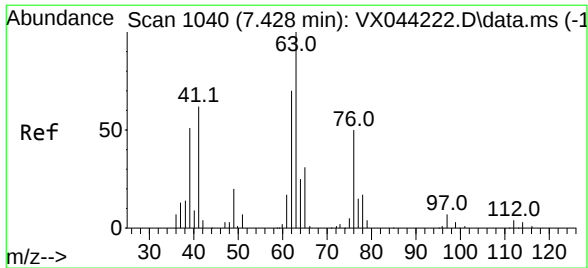
Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

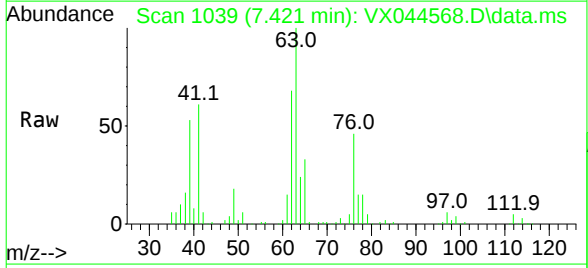
Tgt Ion:	130	Resp:	78505
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	201.4





#45
1,2-Dichloropropane
Concen: 54.613 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

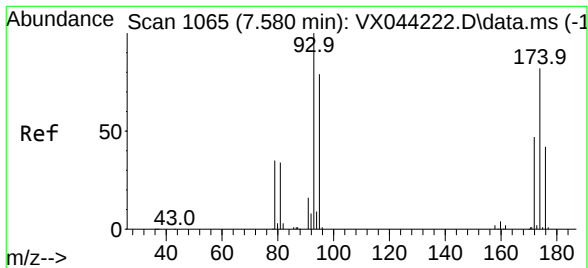
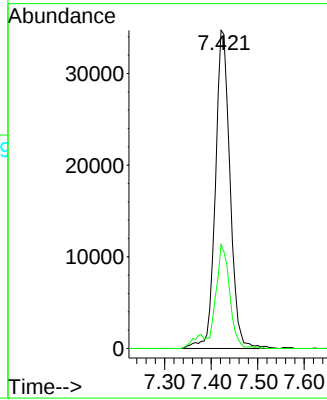
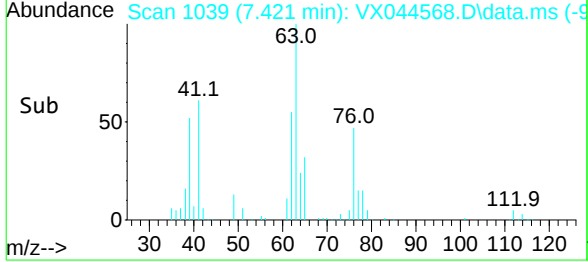
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 76077
Ion Ratio Lower Upper
63 100
65 32.7 24.6 37.0

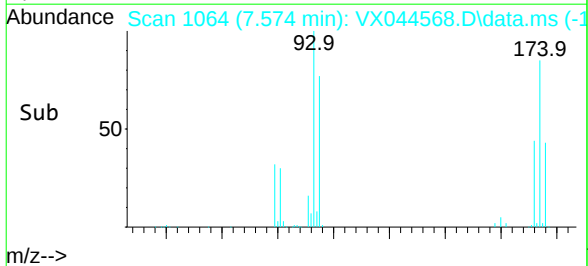
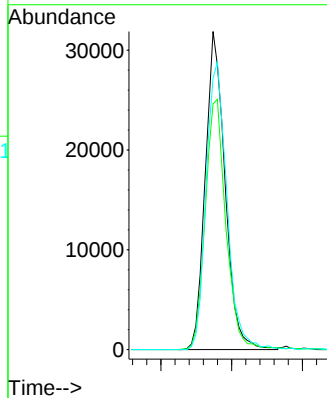
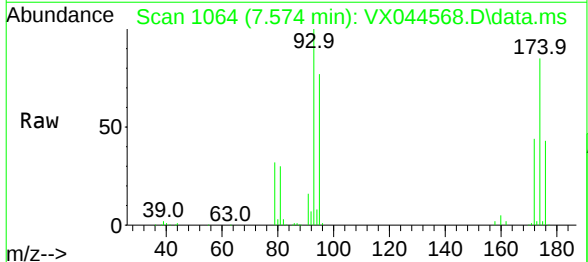
Manual Integrations
APPROVED

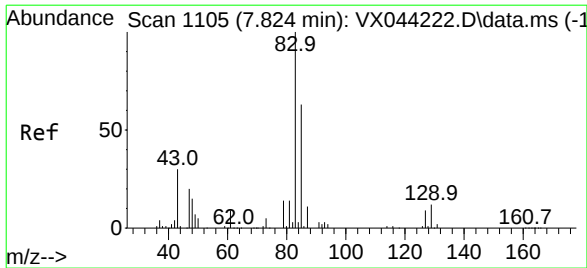
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 57.127 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

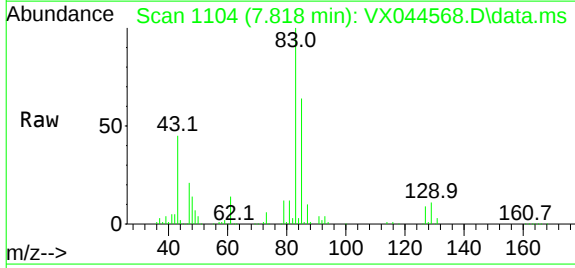
Tgt Ion: 93 Resp: 61737
Ion Ratio Lower Upper
93 100
95 82.4 65.4 98.2
174 95.4 67.9 101.9





#47
Bromodichloromethane
Concen: 58.502 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

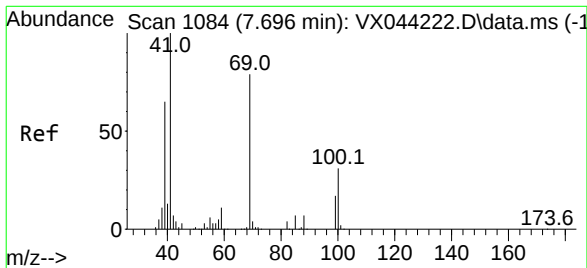
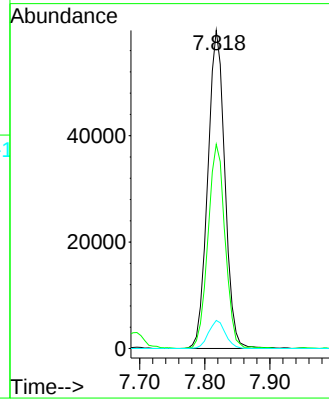
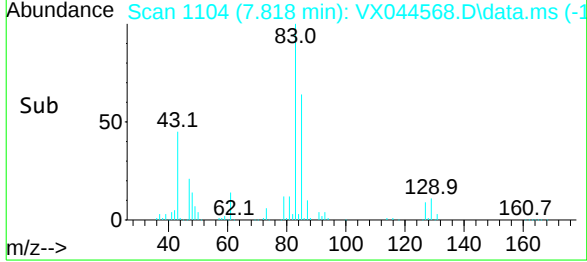
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 109189
Ion Ratio Lower Upper
83 100
85 64.2 50.6 75.8
127 8.8 7.3 10.9

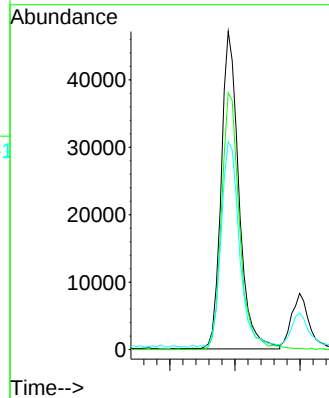
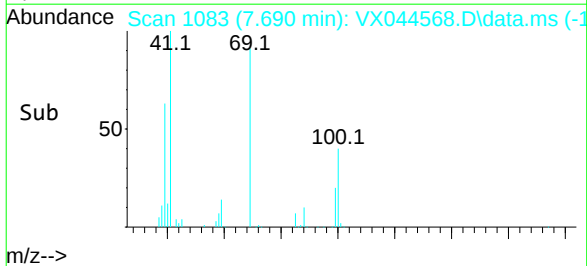
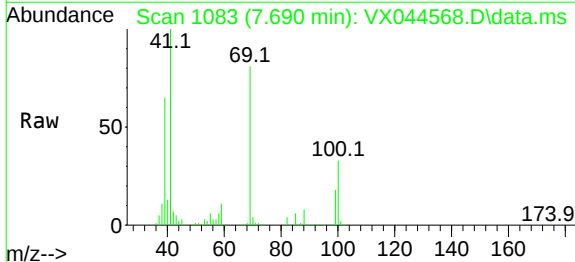
Manual Integrations
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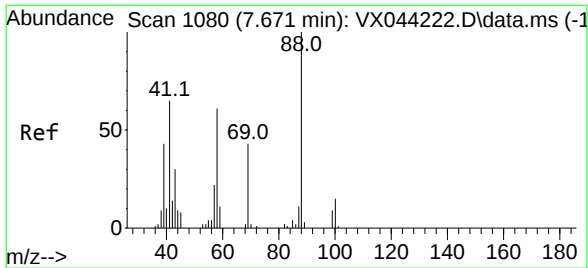
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 52.647 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

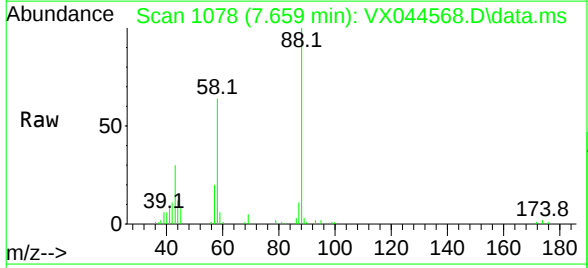
Tgt Ion: 41 Resp: 88670
Ion Ratio Lower Upper
41 100
69 82.1 62.4 93.6
39 65.6 53.3 79.9





#49
1,4-Dioxane
Concen: 842.492 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

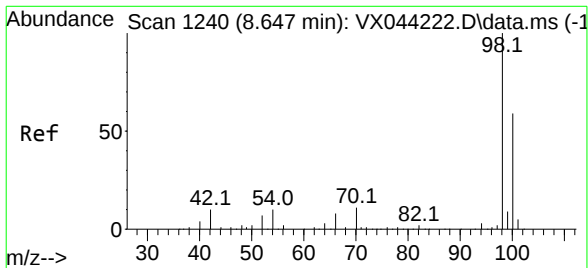
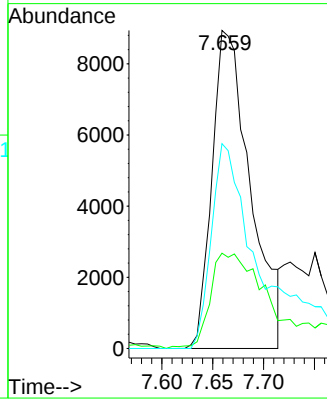
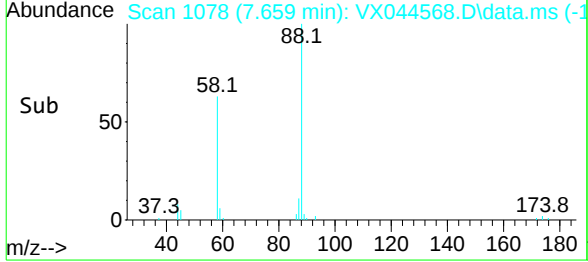
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 23526
Ion Ratio Lower Upper
88 100
43 45.5 27.1 40.7#
58 85.9 41.0 61.4#

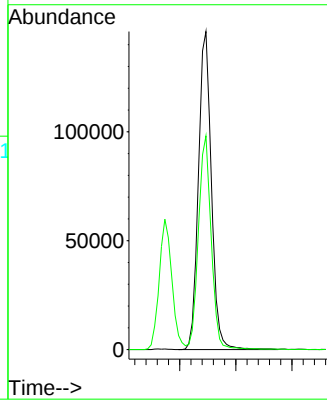
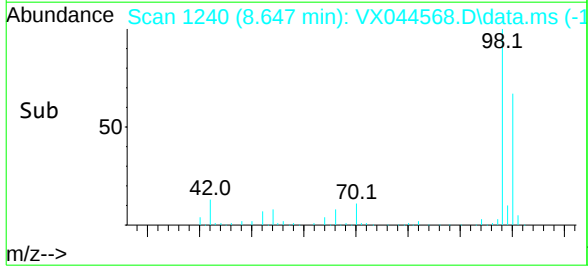
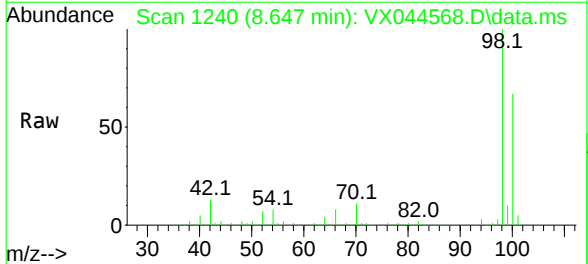
Manual Integrations
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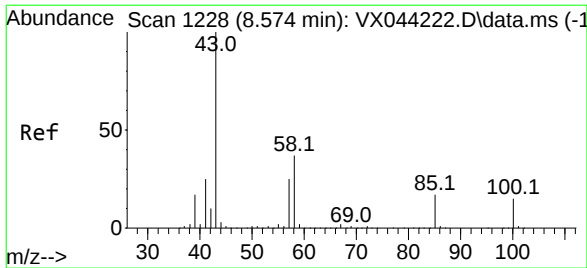
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 50.065 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 98 Resp: 234656
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3





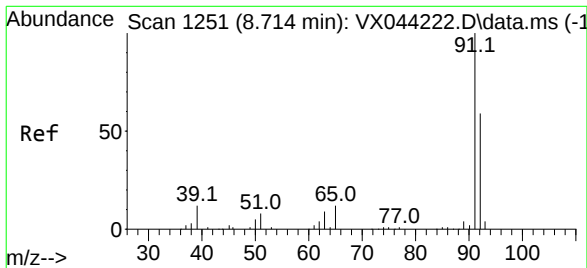
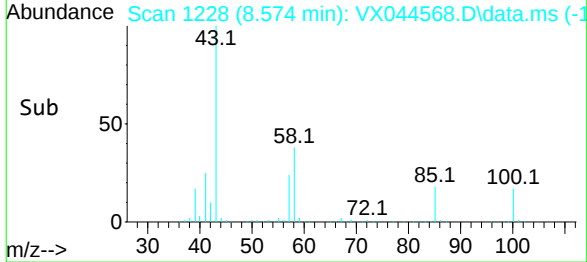
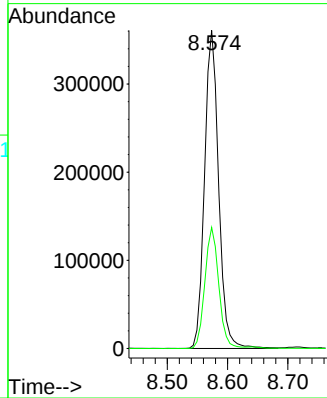
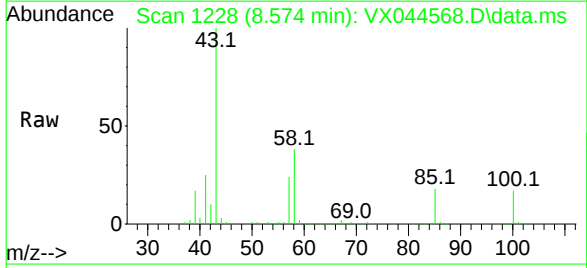
#51
4-Methyl-2-Pentanone
Concen: 261.860 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 584184
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.0

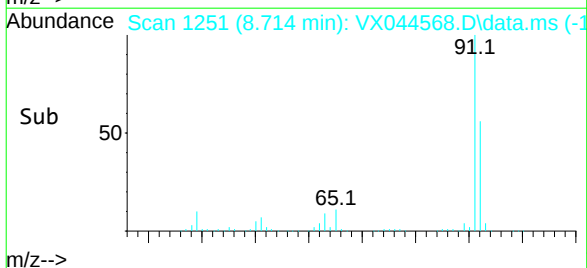
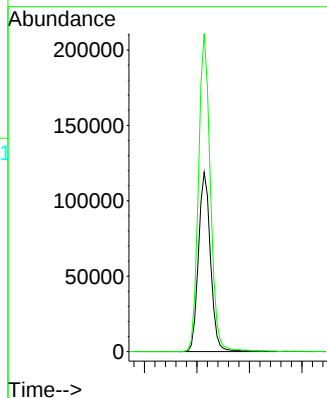
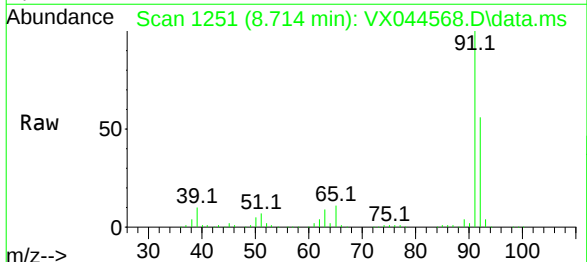
Manual Integrations
APPROVED

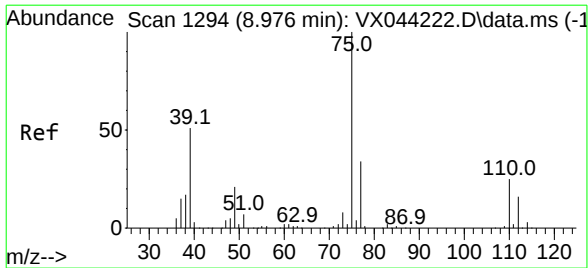
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 55.324 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

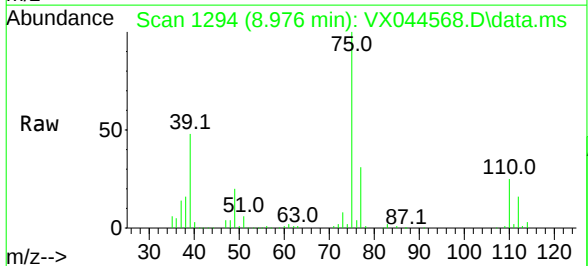
Tgt Ion: 92 Resp: 189430
Ion Ratio Lower Upper
92 100
91 175.0 137.0 205.6





#53
 t-1,3-Dichloropropene
 Concen: 55.413 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044568.D
 Acq: 31 Dec 2024 10:00

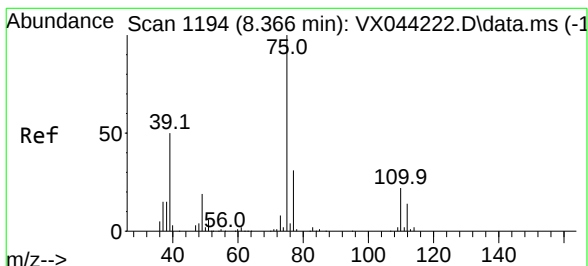
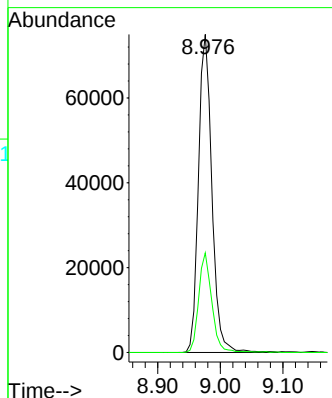
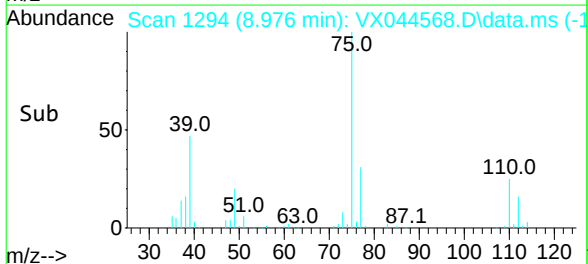
Instrument : MSVOA_X
 ClientSampleId : VSTDCCC050



Tgt Ion: 75 Resp: 111851
 Ion Ratio Lower Upper
 75 100
 77 31.3 27.2 40.8

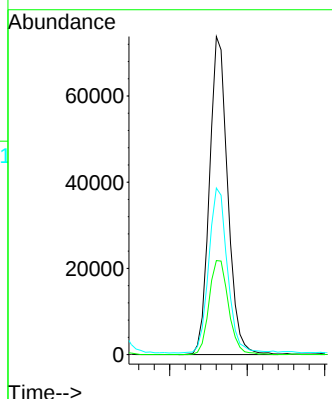
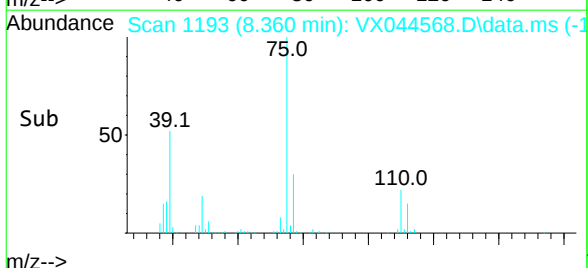
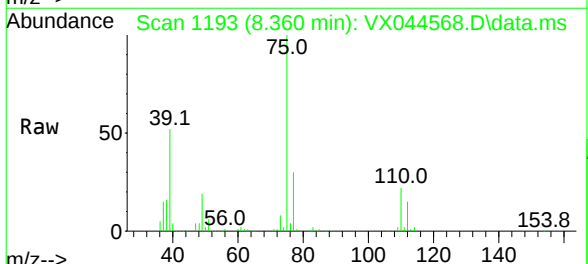
Manual Integrations
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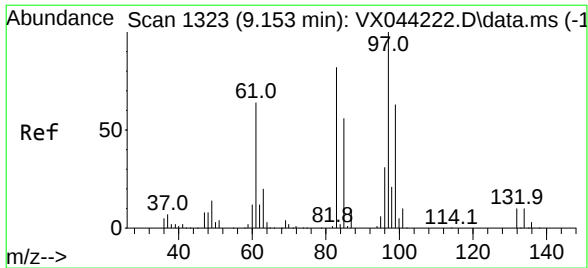
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#54
 cis-1,3-Dichloropropene
 Concen: 59.484 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX044568.D
 Acq: 31 Dec 2024 10:00

Tgt Ion: 75 Resp: 120884
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.7 37.1
 39 51.8 40.3 60.5





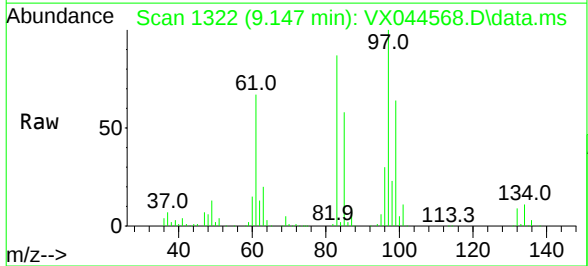
#55
1,1,2-Trichloroethane
Concen: 57.575 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

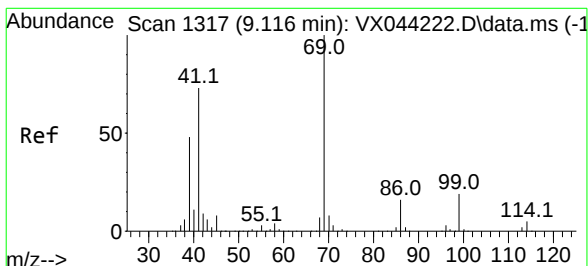
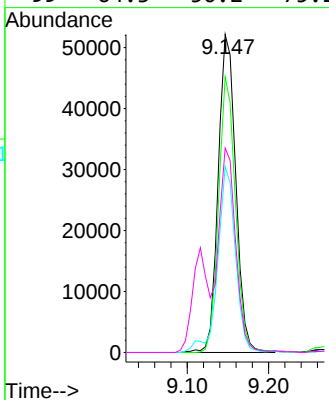
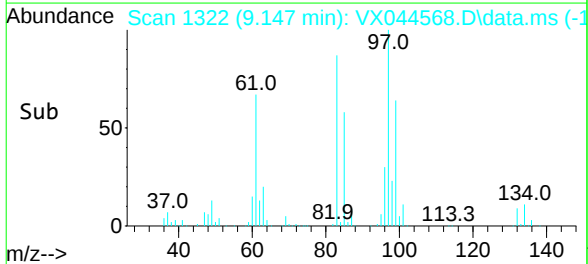
VSTDCCC050



Tgt Ion:	97	Resp:	78317
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.3	97.9
85	58.4	44.6	67.0
99	64.3	50.2	75.2

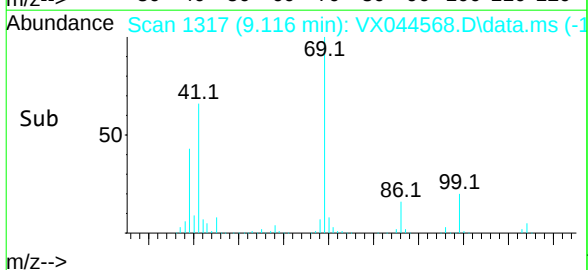
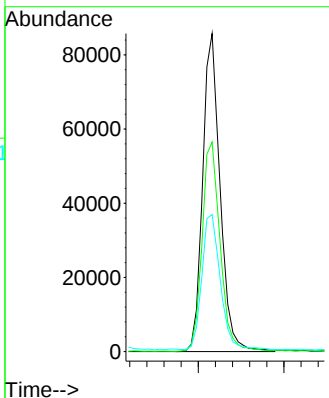
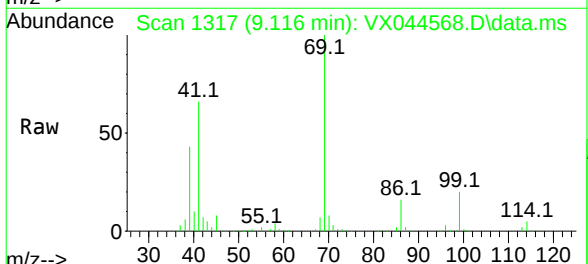
Manual Integrations
APPROVED

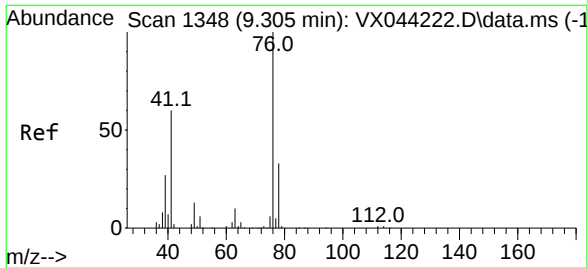
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#56
Ethyl methacrylate
Concen: 56.449 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

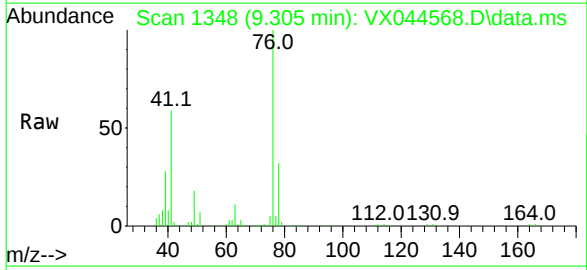
Tgt Ion:	69	Resp:	121218
Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.6	85.0
39	45.0	37.4	56.0





#57
1,3-Dichloropropane
Concen: 54.928 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

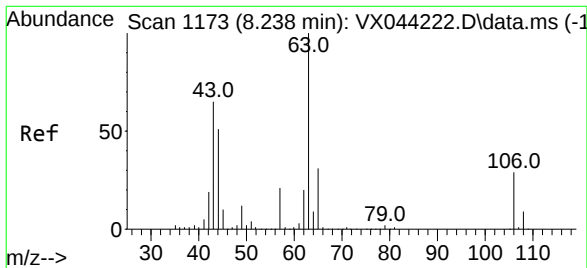
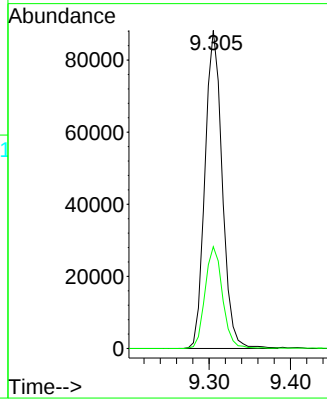
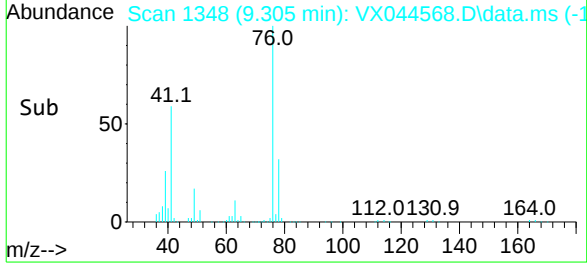
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 130051
Ion Ratio Lower Upper
76 100
78 32.3 26.5 39.7

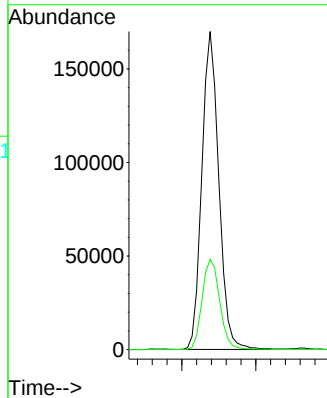
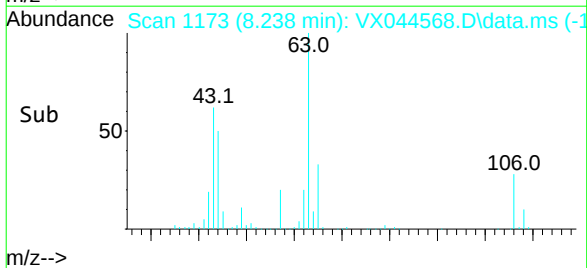
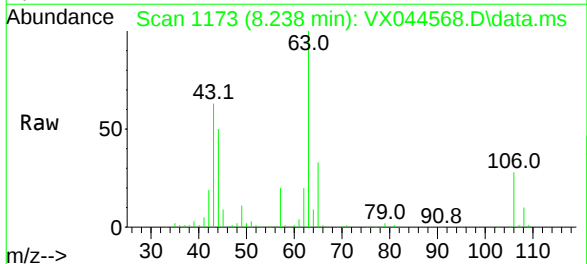
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 249.641 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 63 Resp: 270384
Ion Ratio Lower Upper
63 100
106 29.5 22.8 34.2





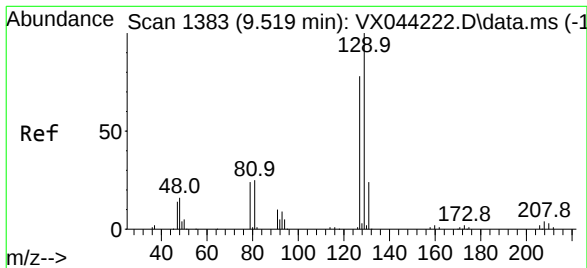
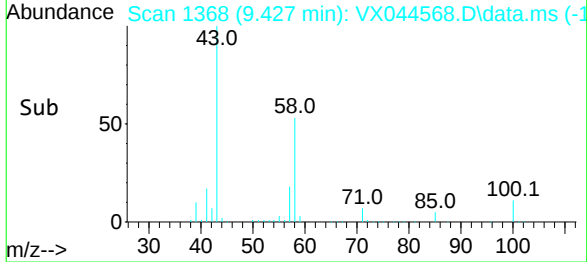
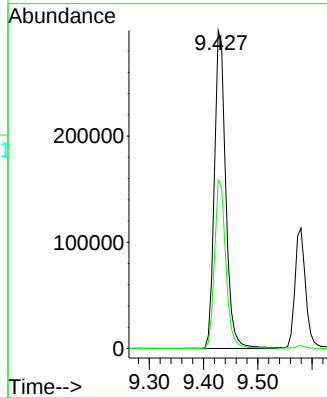
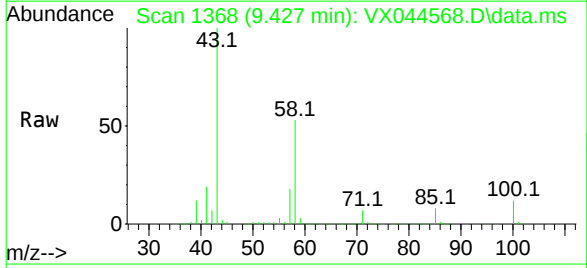
#59
2-Hexanone
Concen: 269.228 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 434743
Ion Ratio Lower Upper
43 100
58 53.1 25.7 77.0

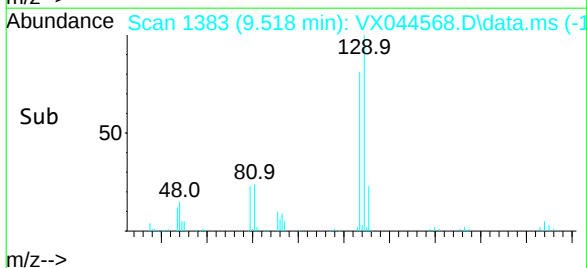
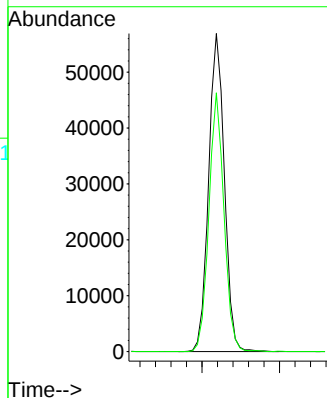
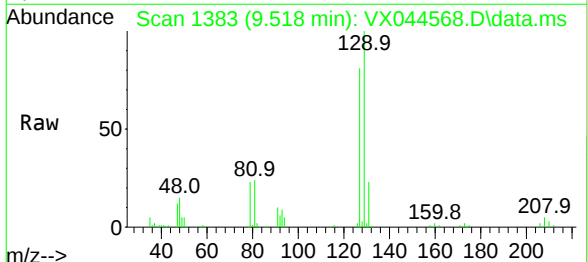
Manual Integrations
APPROVED

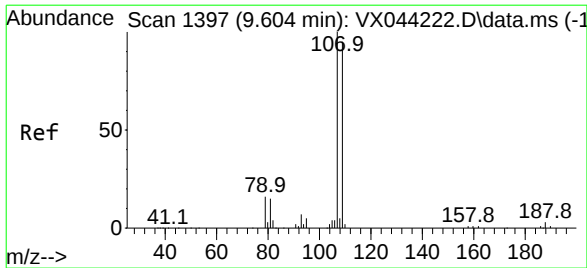
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 55.351 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion:129 Resp: 80314
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





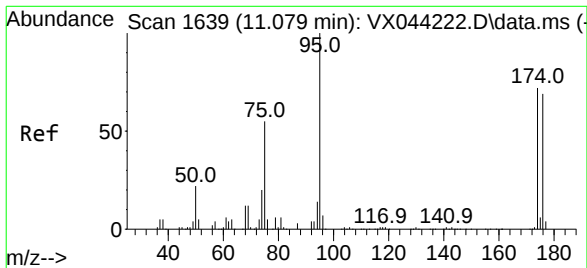
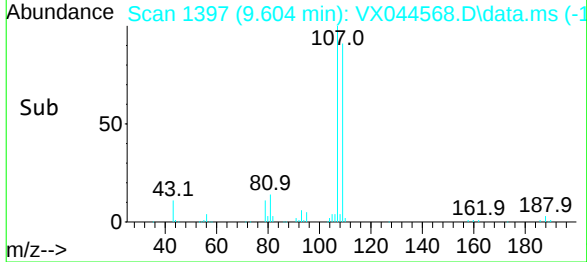
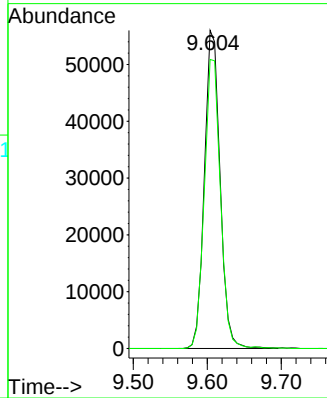
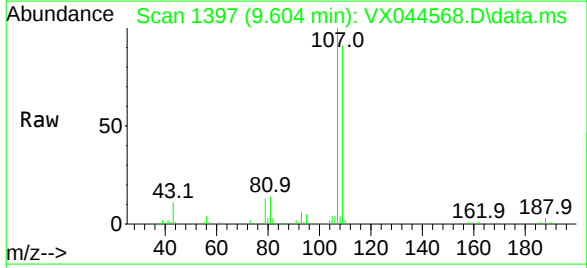
#61
1,2-Dibromoethane
Concen: 59.502 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 82386
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4

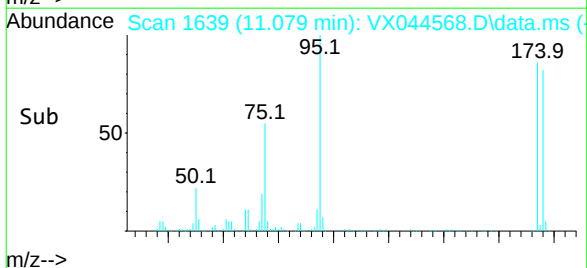
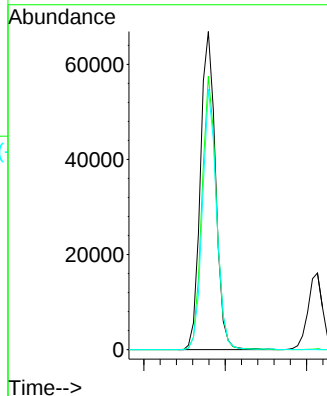
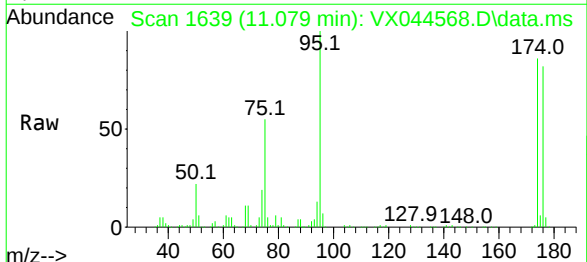
Manual Integrations
APPROVED

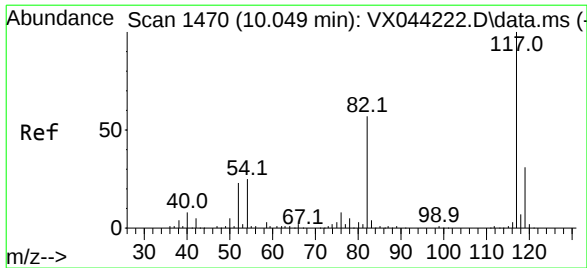
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 52.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 95 Resp: 86443
Ion Ratio Lower Upper
95 100
174 81.6 0.0 145.8
176 76.5 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: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

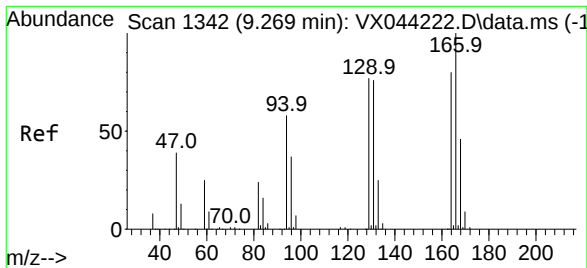
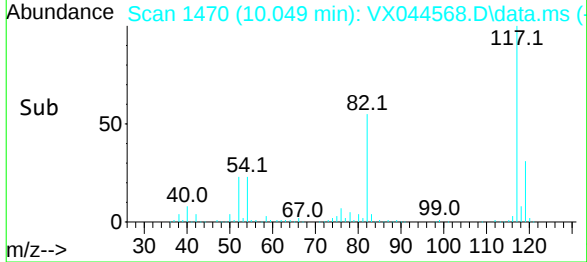
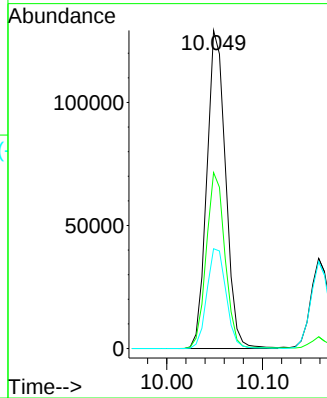
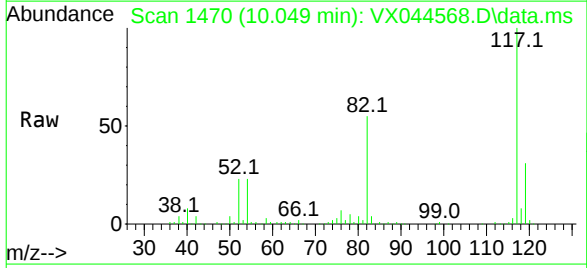
Tgt Ion:	117	Resp:	176322
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.8	68.8
119	31.4	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#64

Tetrachloroethene

Concen: 58.875 ug/l

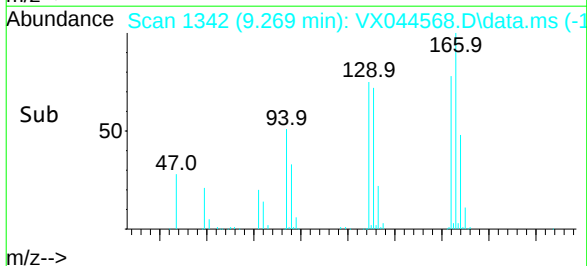
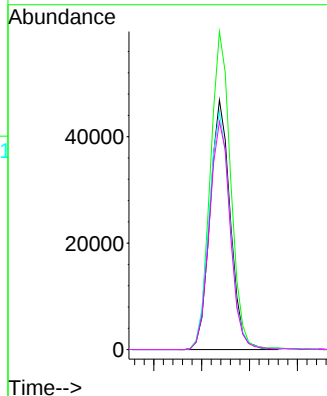
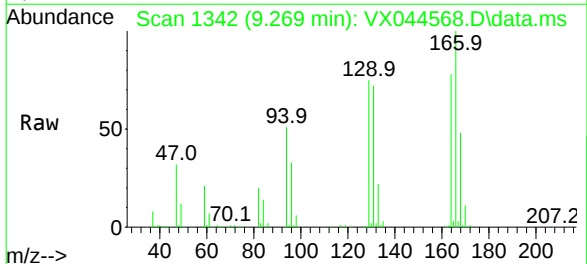
RT: 9.269 min Scan# 1342

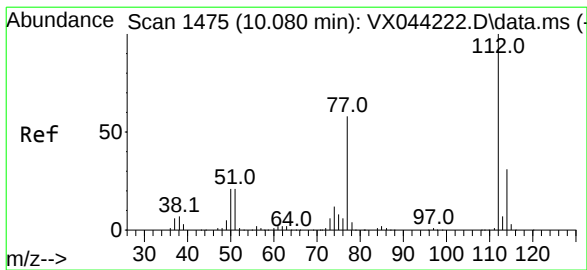
Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion:	164	Resp:	68900
Ion	Ratio	Lower	Upper
164	100		
166	127.5	100.4	150.6
129	95.4	77.2	115.8
131	91.4	76.2	114.2





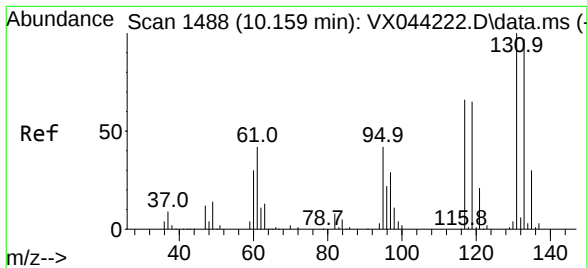
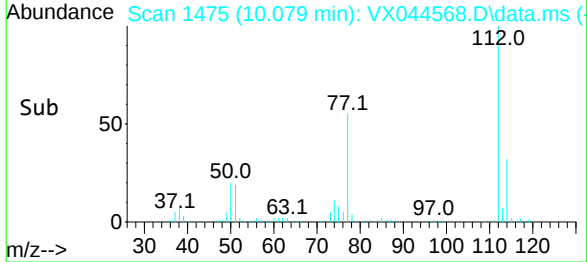
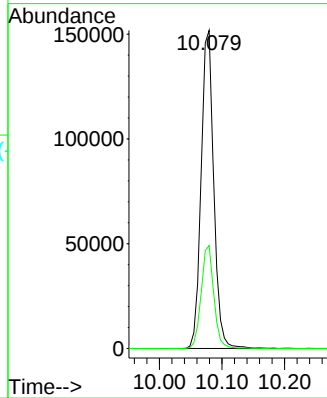
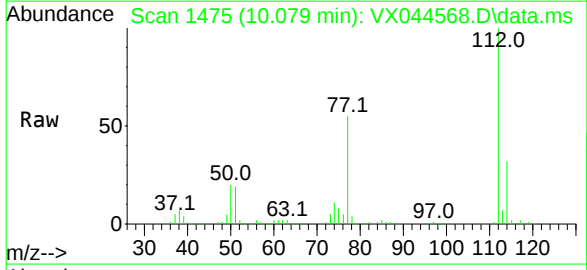
#65
Chlorobenzene
Concen: 56.329 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 212820
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6

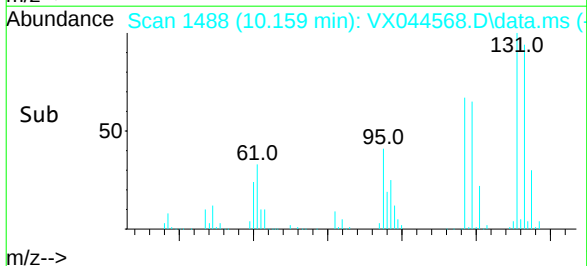
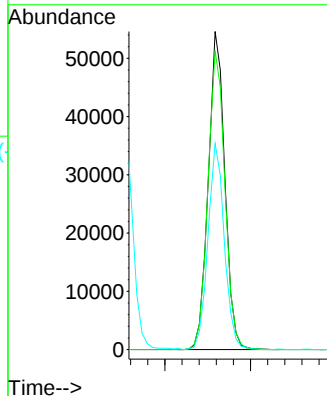
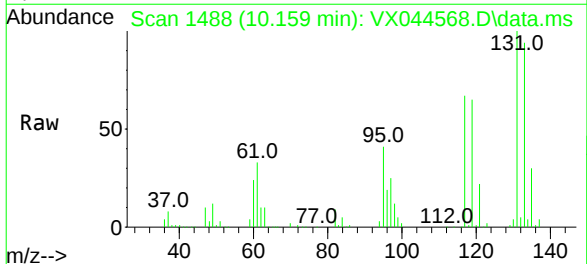
Manual Integrations
APPROVED

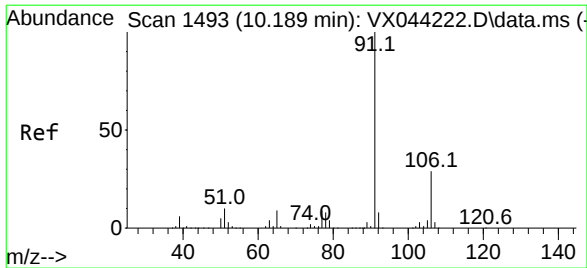
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 60.261 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

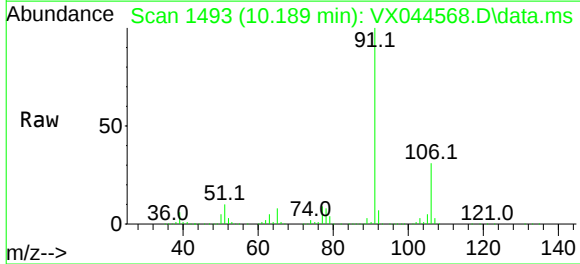
Tgt Ion:131 Resp: 73172
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 64.2 31.6 95.0





#67
Ethyl Benzene
Concen: 56.061 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

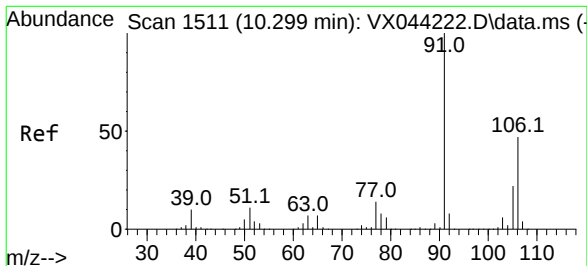
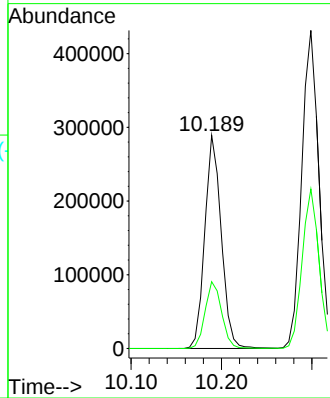
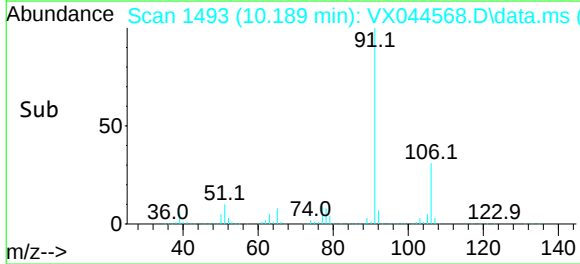
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 365971
Ion Ratio Lower Upper
91 100
106 31.3 23.5 35.3

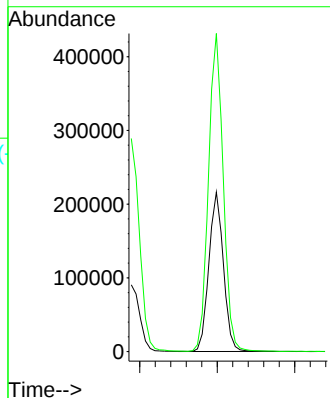
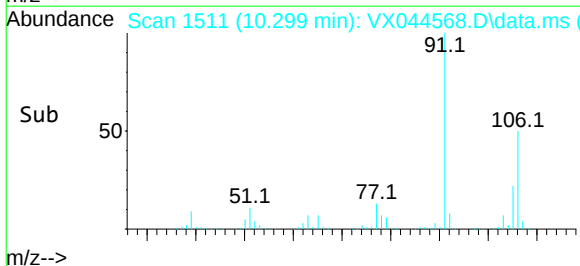
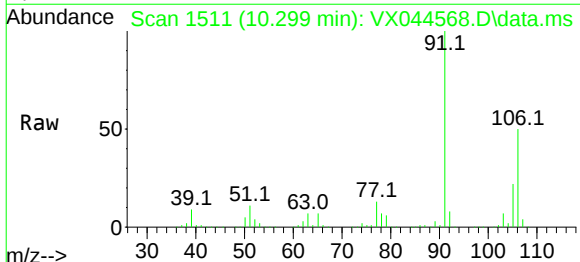
Manual Integrations
APPROVED

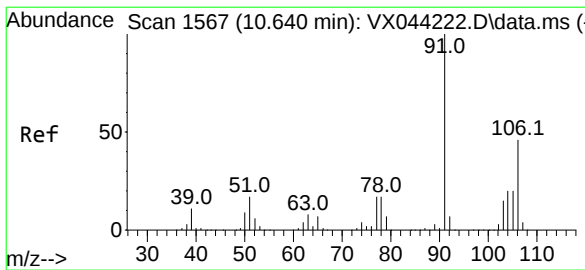
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#68
m/p-Xylenes
Concen: 117.664 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion:106 Resp: 281854
Ion Ratio Lower Upper
106 100
91 202.2 170.2 255.2





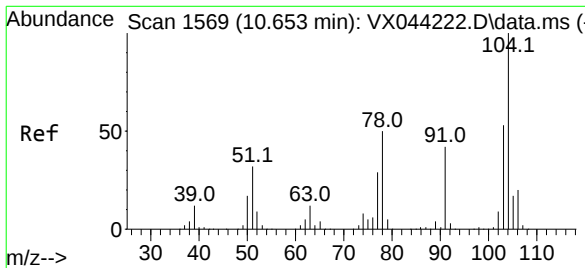
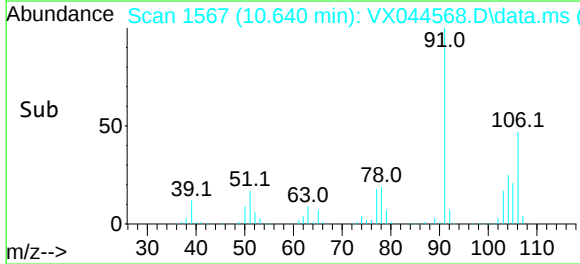
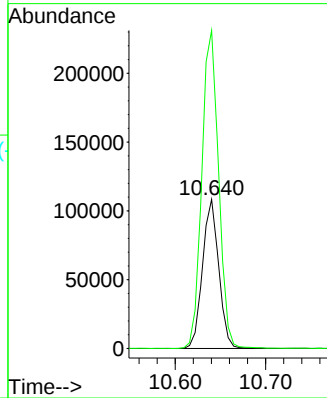
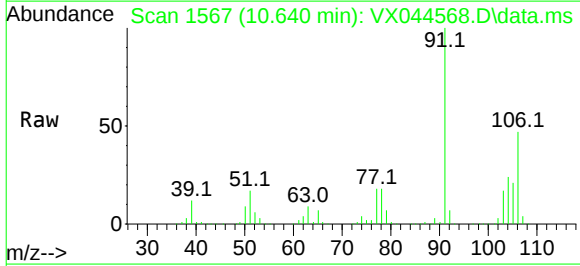
#69
o-Xylene
Concen: 55.747 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135114
Ion Ratio Lower Upper
106 100
91 220.9 112.3 337.0

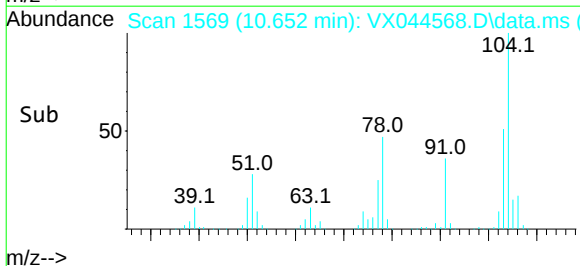
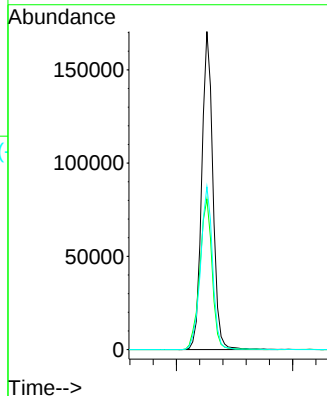
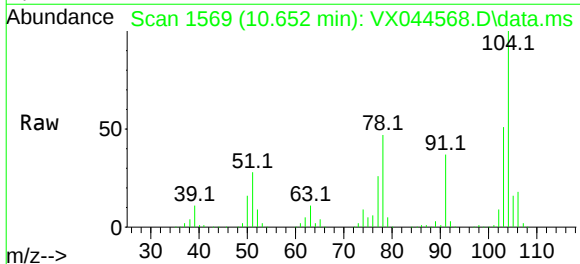
Manual Integrations
APPROVED

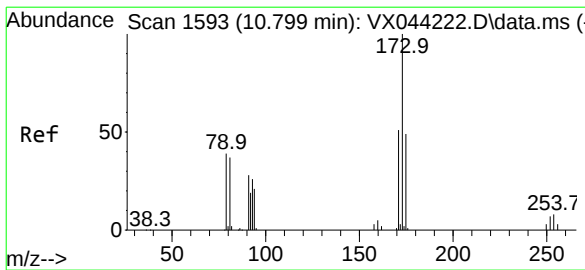
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 58.516 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion:104 Resp: 227359
Ion Ratio Lower Upper
104 100
78 52.6 44.6 67.0
103 55.1 45.4 68.0





#71

Bromoform

Concen: 59.018 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

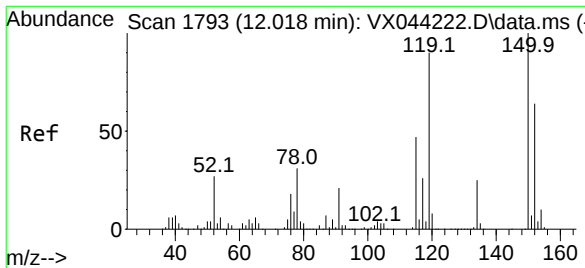
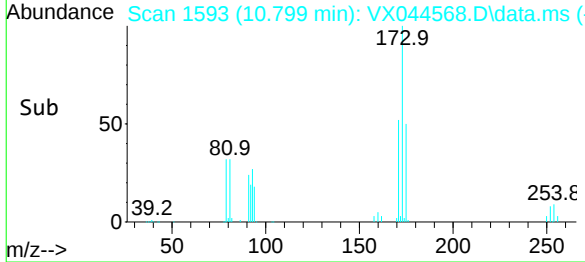
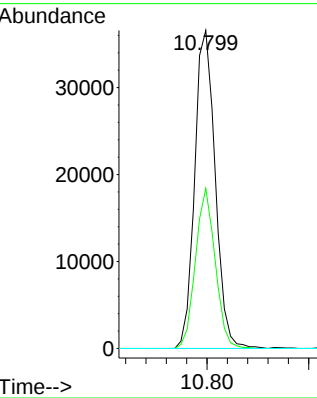
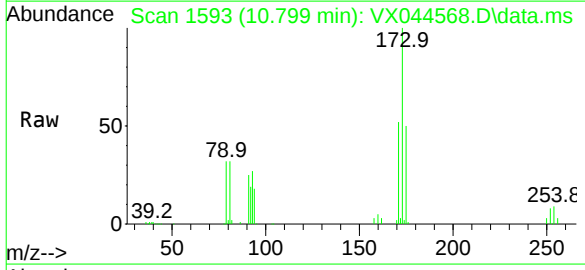
Tgt Ion:	173	Resp:	51240
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.8	71.4
254	0.0	0.0	0.0

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

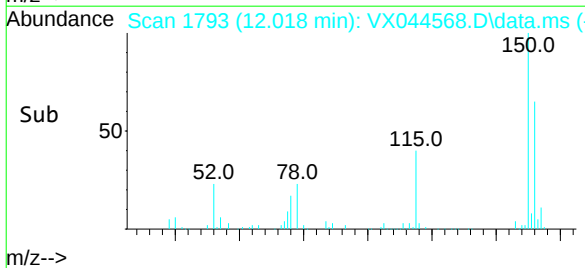
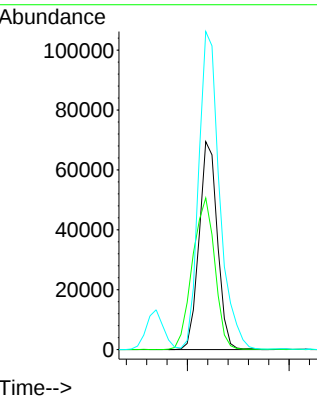
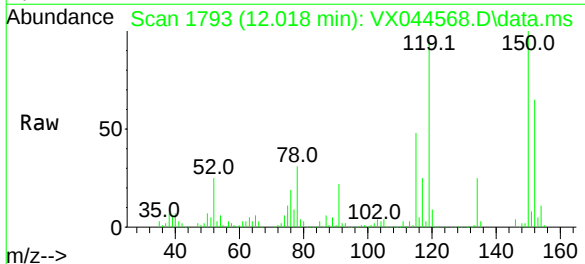
RT: 12.018 min Scan# 1793

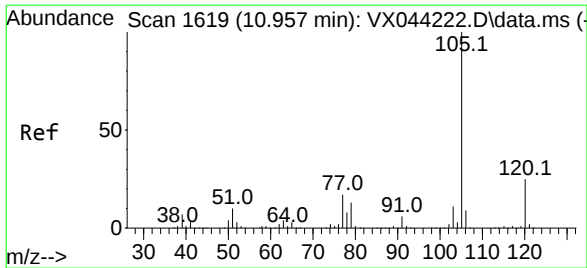
Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion:	152	Resp:	86636
Ion Ratio	Lower	Upper	
152	100		
115	89.3	44.5	133.3
150	173.7	0.0	353.8





#73

Isopropylbenzene

Concen: 54.328 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 360319

Ion Ratio Lower Upper

105 100

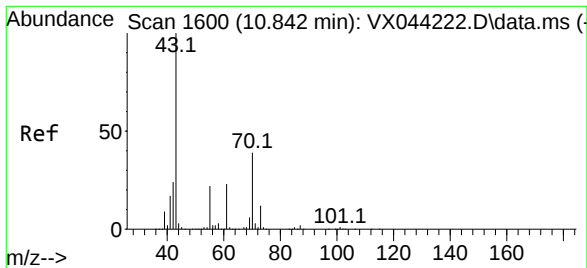
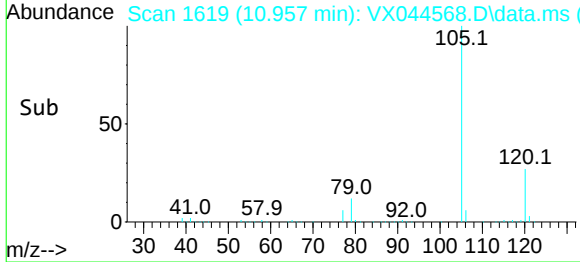
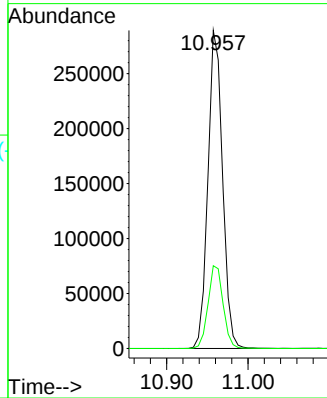
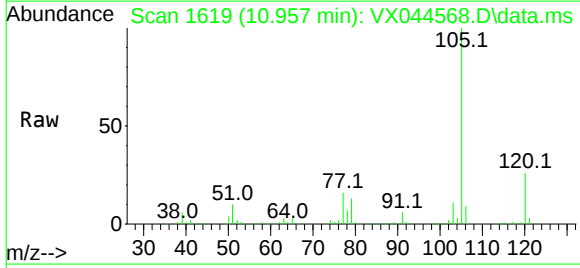
120 26.8 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#74

N-ethyl acetate

Concen: 52.165 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion: 43 Resp: 159895

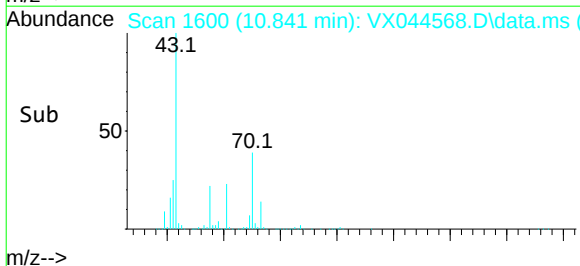
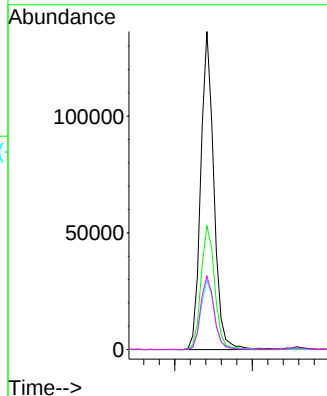
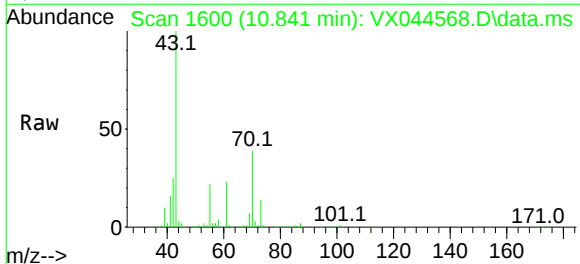
Ion Ratio Lower Upper

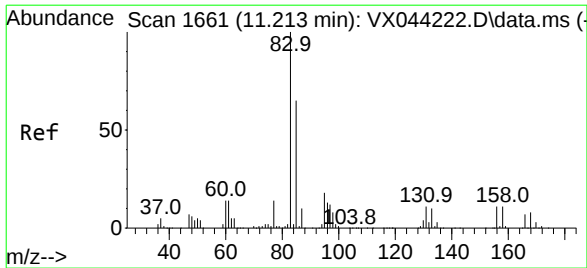
43 100

70 41.1 31.9 47.9

55 22.9 17.9 26.9

61 23.8 17.9 26.9





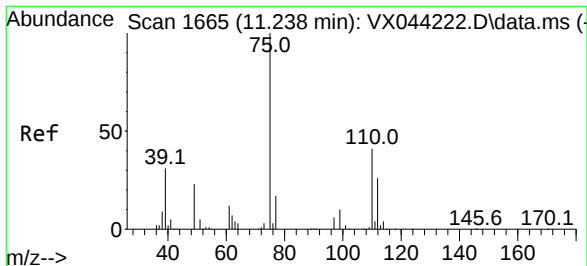
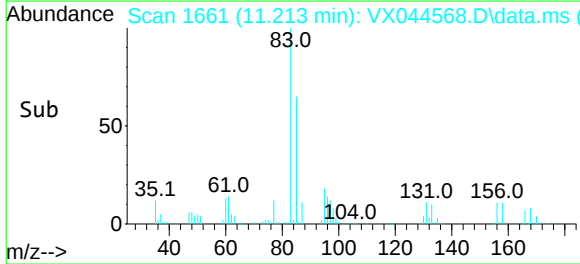
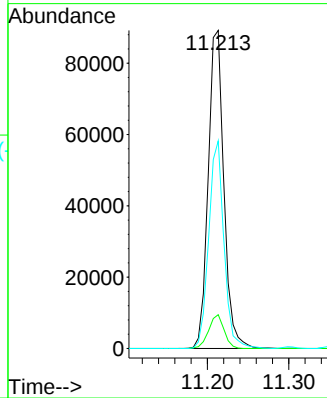
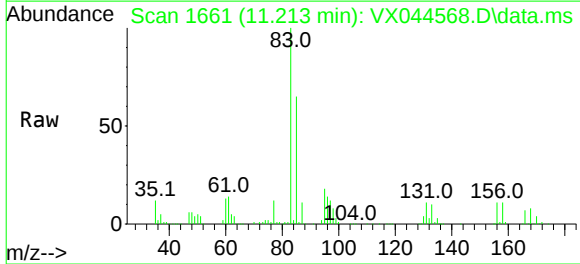
#75
1,1,2,2-Tetrachloroethane
Concen: 51.834 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 119406
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 63.4 32.5 97.4

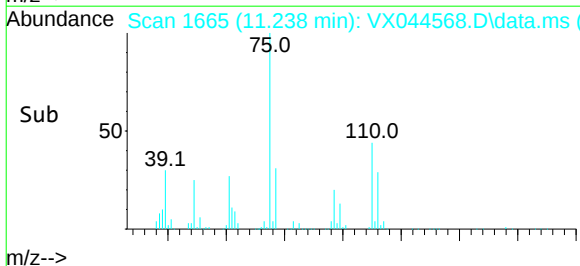
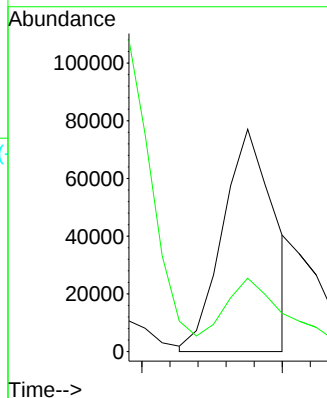
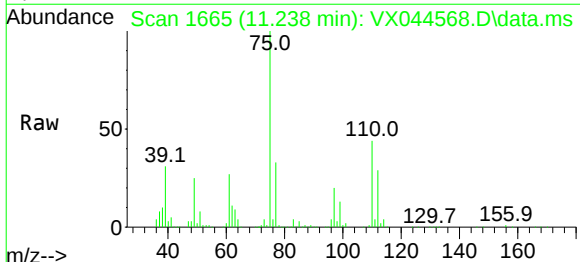
Manual Integrations
APPROVED

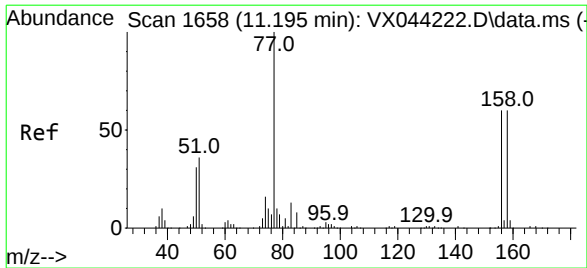
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76
1,2,3-Trichloropropane
Concen: 50.483 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 75 Resp: 97653
Ion Ratio Lower Upper
75 100
77 41.8 20.9 62.7





#77

Bromobenzene

Concen: 55.033 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

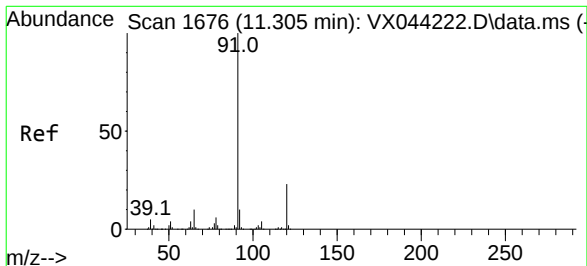
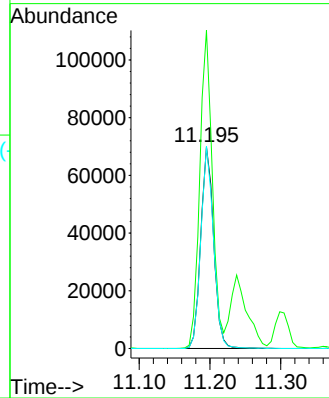
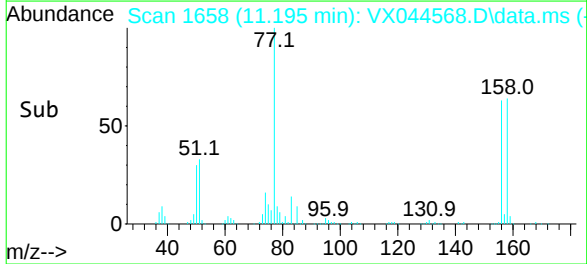
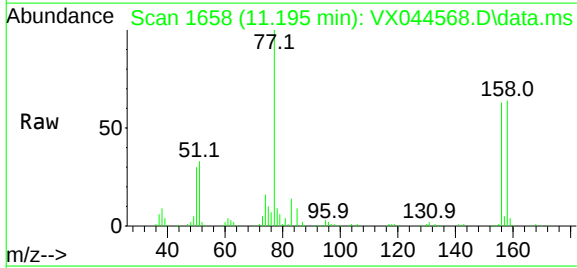
Tgt Ion:156 Resp: 88510
 Ion Ratio Lower Upper
 156 100
 77 154.1 82.6 247.8
 158 98.6 48.8 146.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#78

n-propylbenzene

Concen: 55.705 ug/l

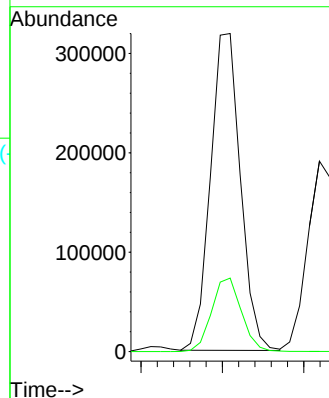
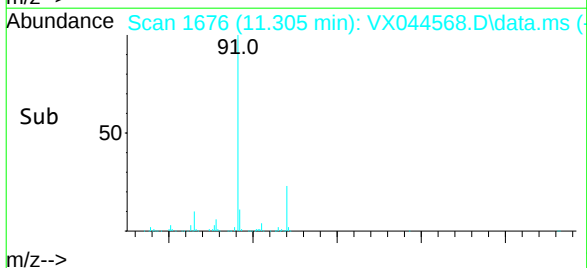
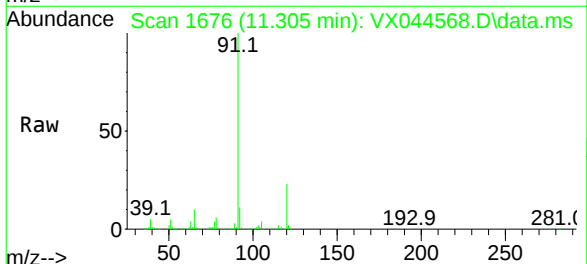
RT: 11.305 min Scan# 1676

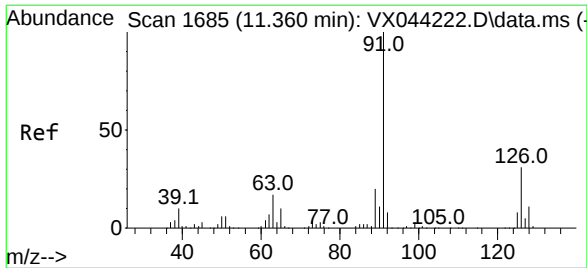
Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion: 91 Resp: 408343
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 52.375 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 248301

Ion Ratio Lower Upper

91 100

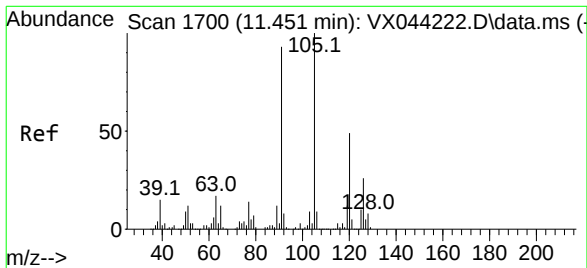
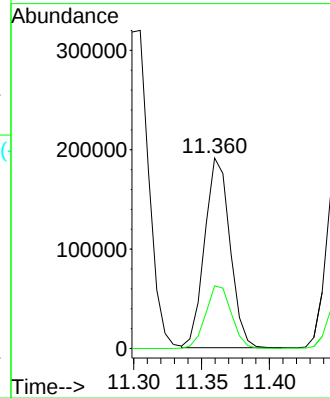
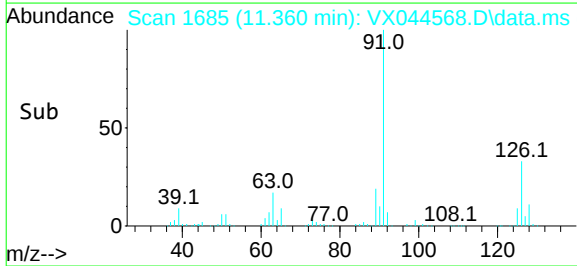
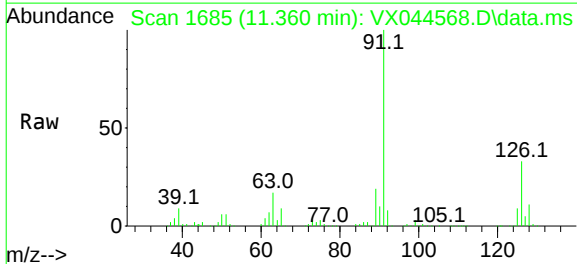
126 33.7 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 54.494 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044568.D

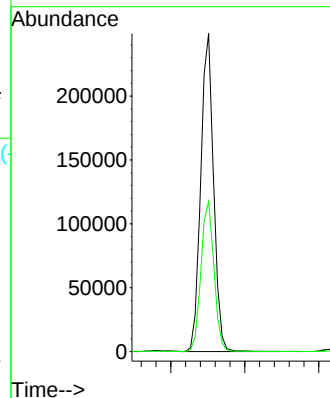
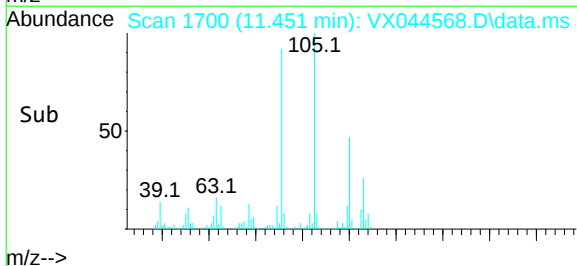
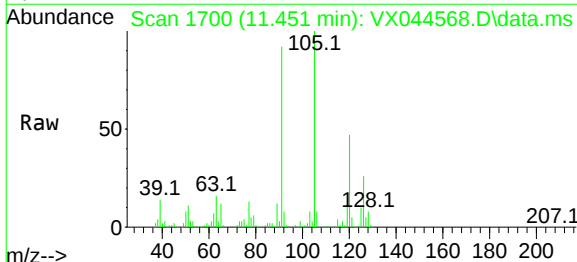
Acq: 31 Dec 2024 10:00

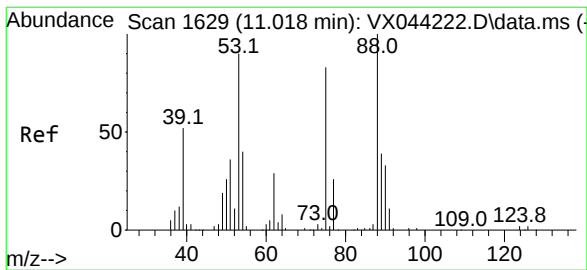
Tgt Ion:105 Resp: 299721

Ion Ratio Lower Upper

105 100

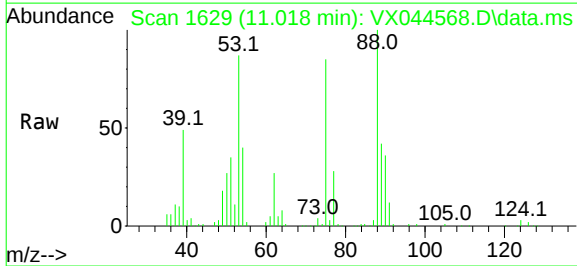
120 48.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 51.699 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

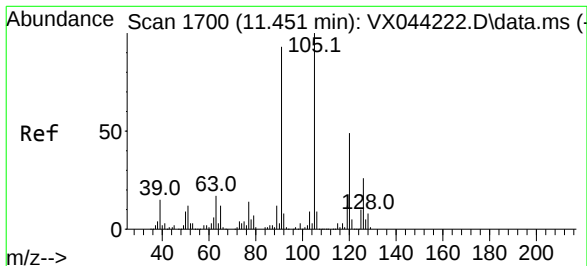
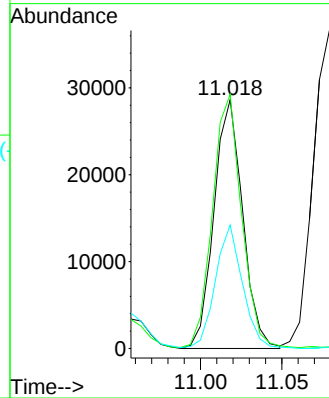
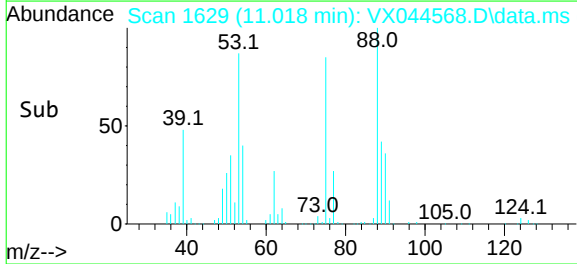
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 35044
Ion Ratio Lower Upper
75 100
53 102.9 93.6 140.4
89 47.0 37.3 55.9

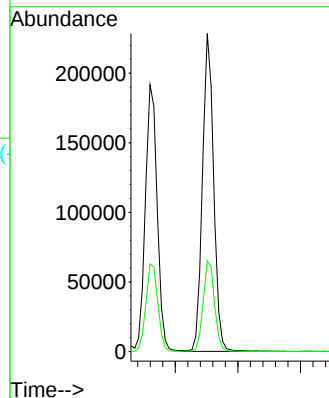
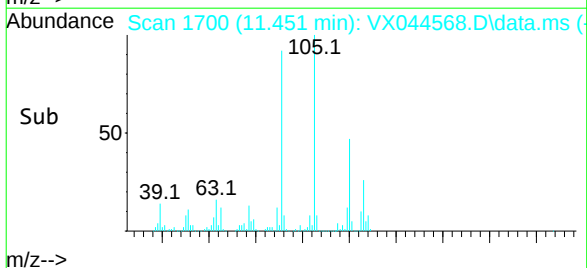
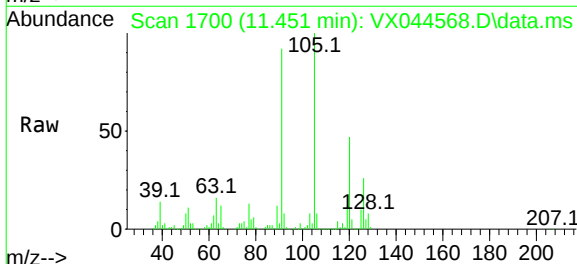
Manual Integrations
APPROVED

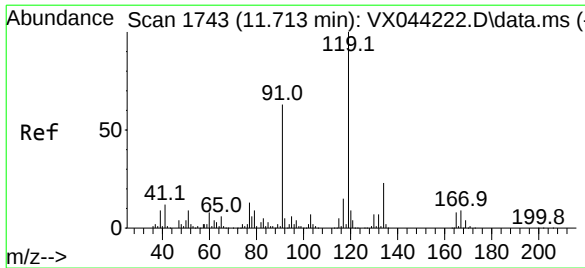
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 54.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 91 Resp: 283555
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.5





#83

tert-Butylbenzene

Concen: 55.386 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

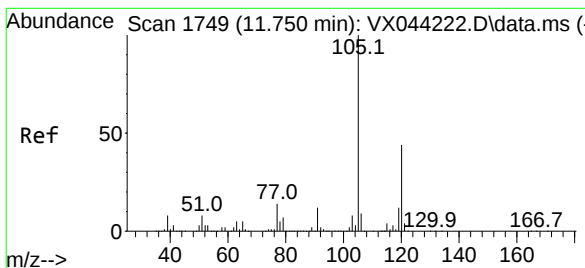
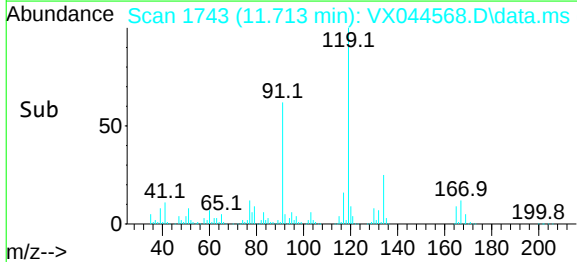
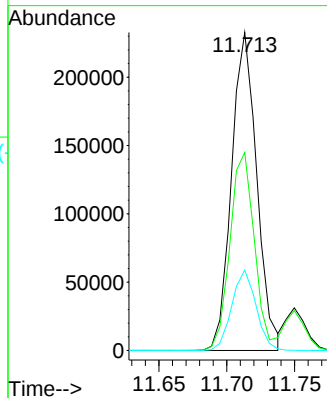
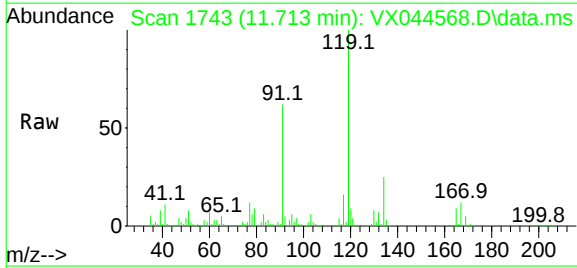
Tgt Ion:	119	Resp:	301057
Ion Ratio	Lower	Upper	
119	100		
91	59.6	30.9	92.5
134	24.3	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 55.916 ug/l

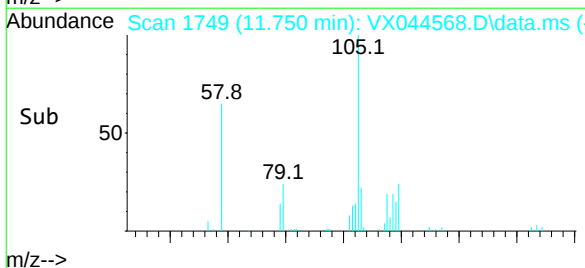
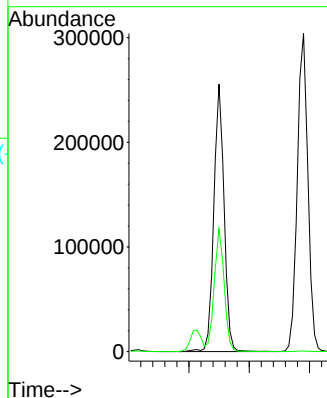
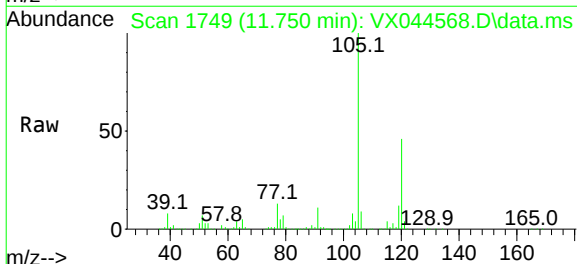
RT: 11.750 min Scan# 1749

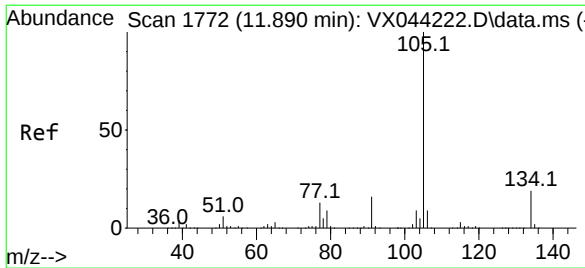
Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion:	105	Resp:	302030
Ion Ratio	Lower	Upper	
105	100		
120	44.9	21.7	65.1





#85

sec-Butylbenzene

Concen: 56.216 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 370955

Ion Ratio Lower Upper

105 100

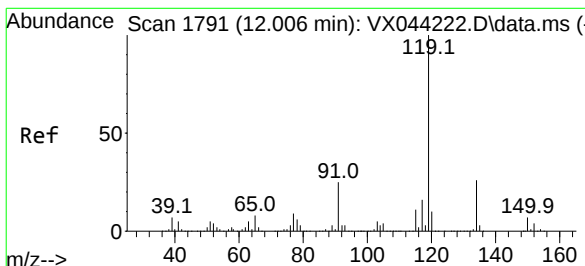
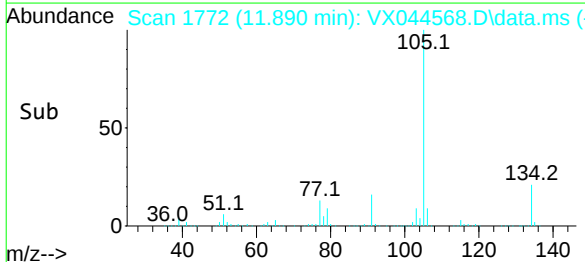
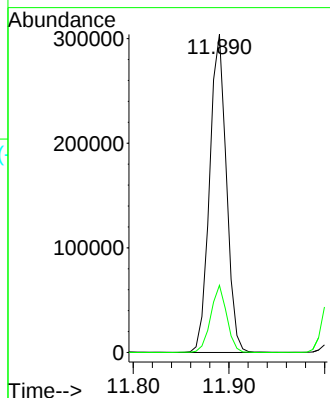
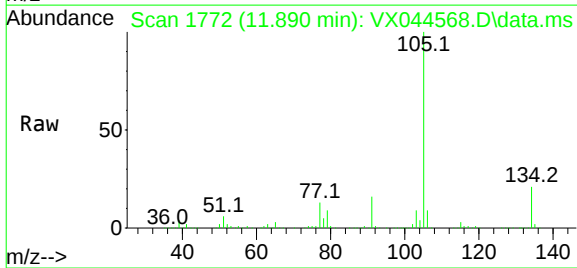
134 20.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#86

p-Isopropyltoluene

Concen: 56.559 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

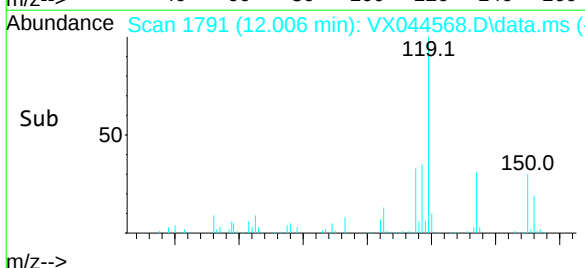
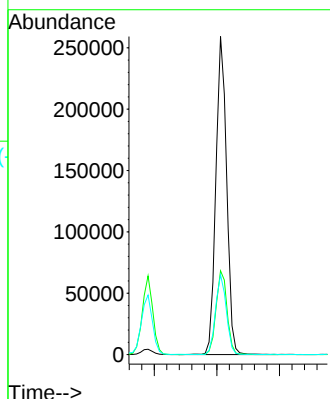
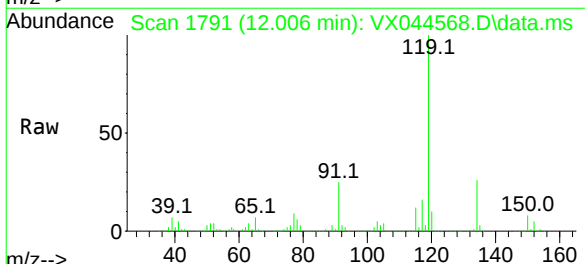
Tgt Ion:119 Resp: 310635

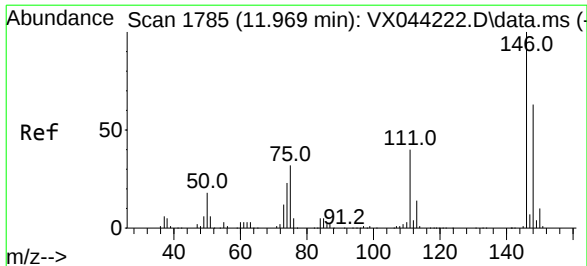
Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.4

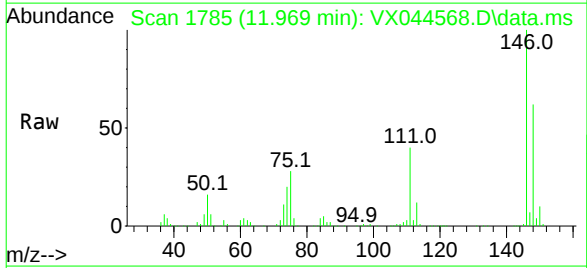
91 24.9 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 57.239 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

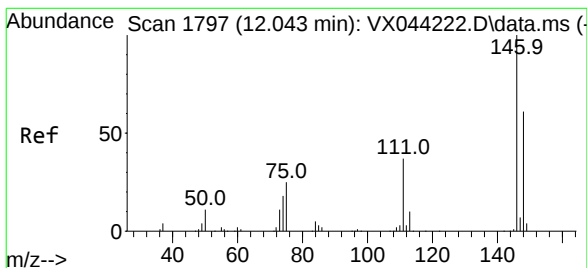
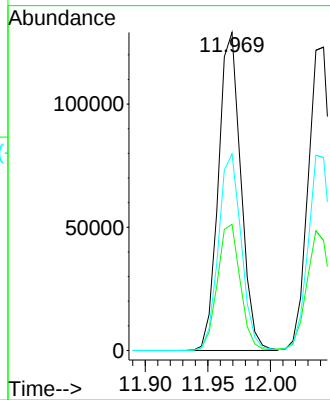
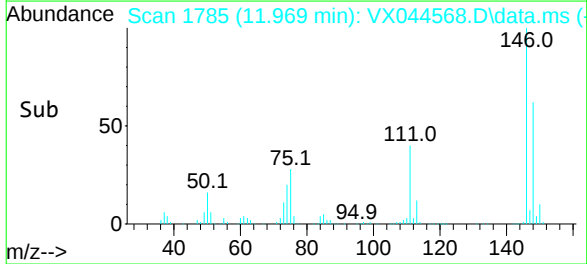
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 160802
Ion Ratio Lower Upper
146 100
111 40.5 21.4 64.2
148 62.9 31.7 95.1

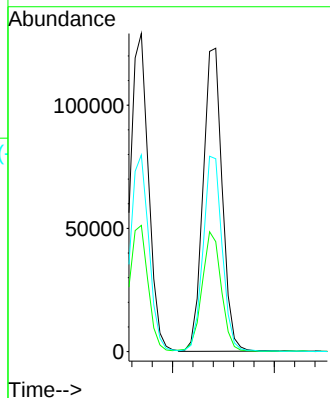
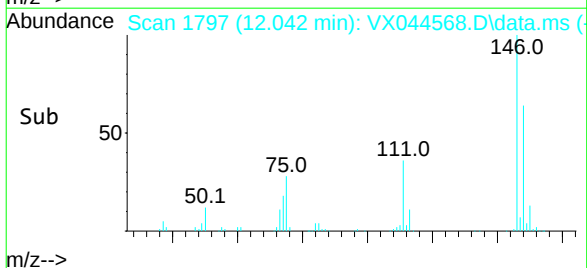
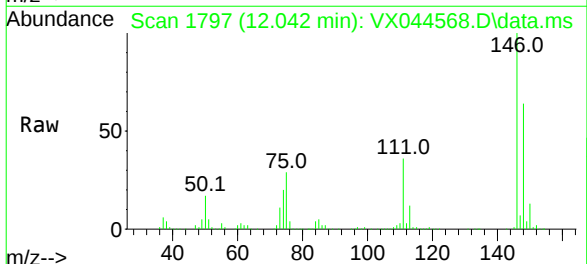
Manual Integrations
APPROVED

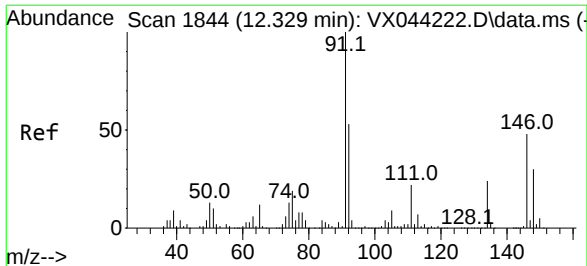
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#88
1,4-Dichlorobenzene
Concen: 55.609 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

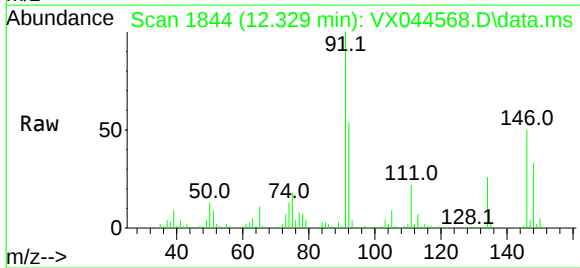
Tgt Ion:146 Resp: 160596
Ion Ratio Lower Upper
146 100
111 39.9 21.0 63.0
148 64.3 32.3 96.8





#89
n-Butylbenzene
Concen: 57.524 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

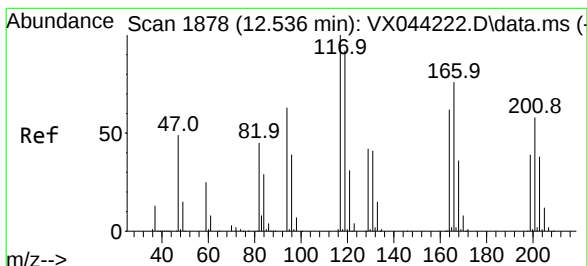
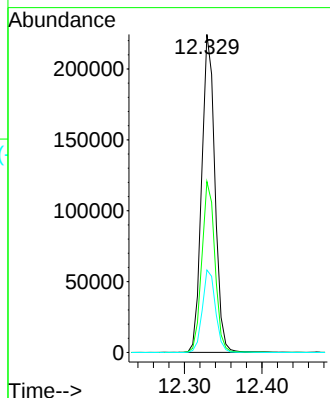
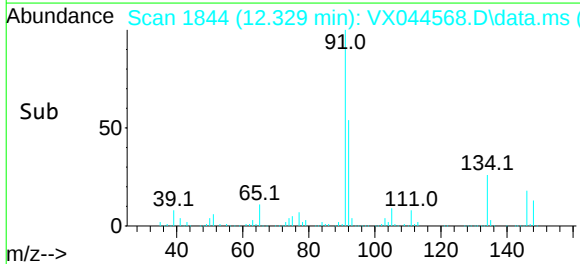
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 265664
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.7
134 25.9 12.6 37.8

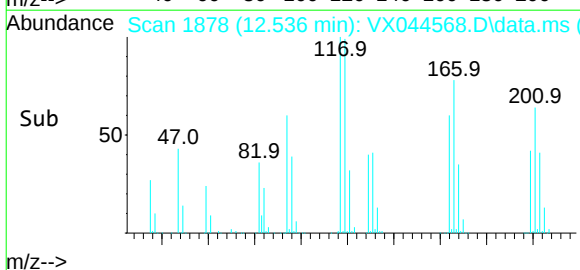
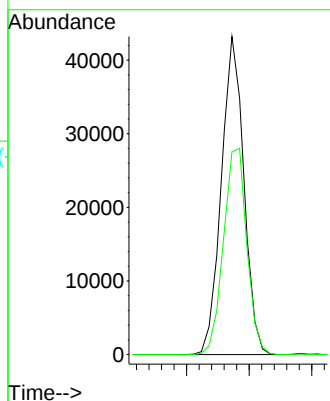
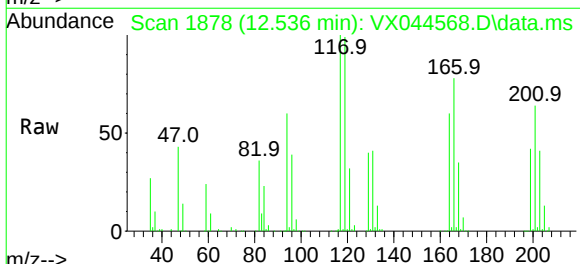
Manual Integrations
APPROVED

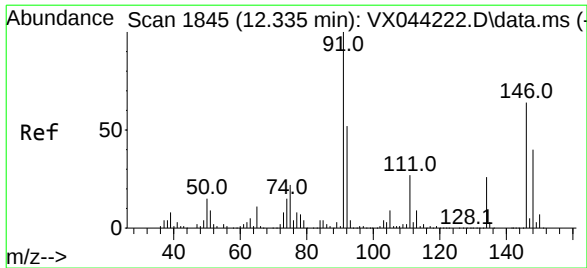
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90
Hexachloroethane
Concen: 67.110 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

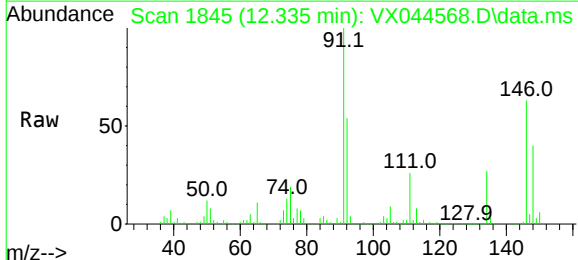
Tgt Ion:117 Resp: 53804
Ion Ratio Lower Upper
117 100
201 67.5 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 54.413 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

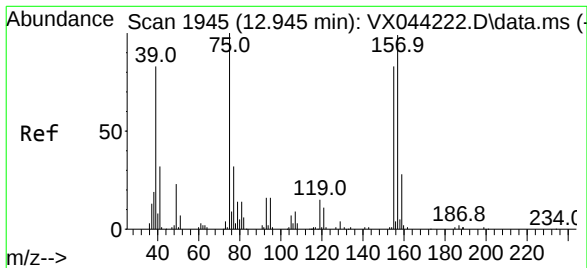
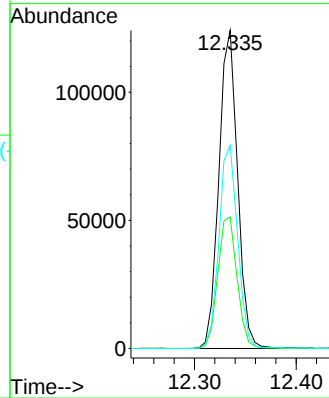
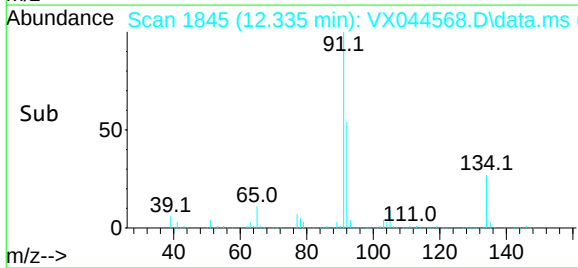
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 158724
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 64.1 31.6 95.0

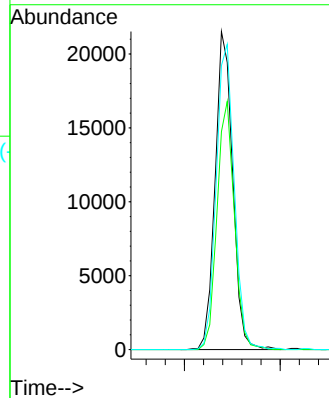
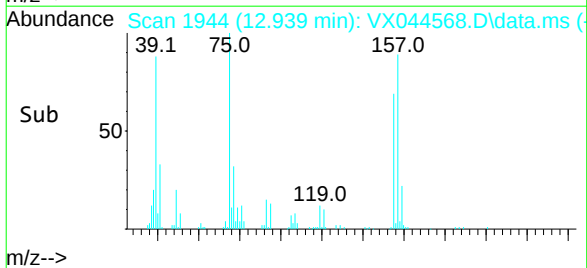
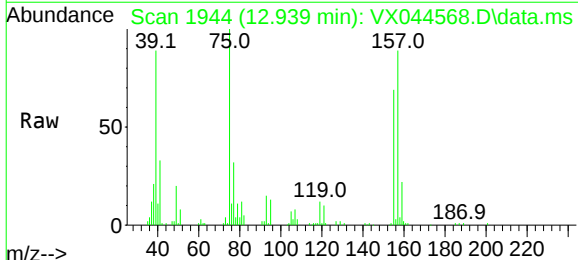
Manual Integrations
APPROVED

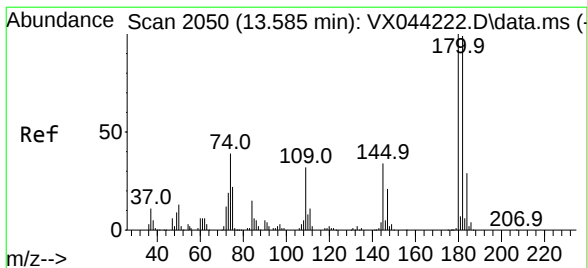
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.261 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044568.D
Acq: 31 Dec 2024 10:00

Tgt Ion: 75 Resp: 27395
Ion Ratio Lower Upper
75 100
155 77.1 38.1 114.3
157 98.6 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 63.468 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

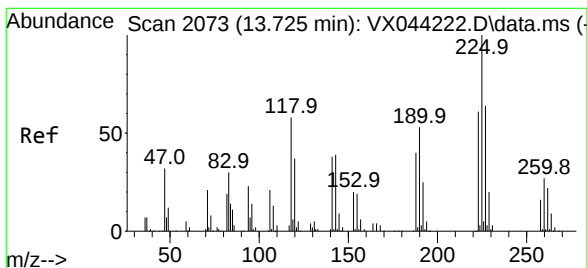
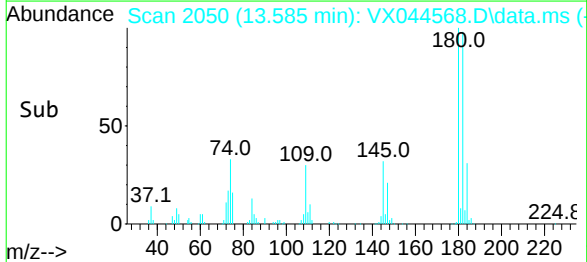
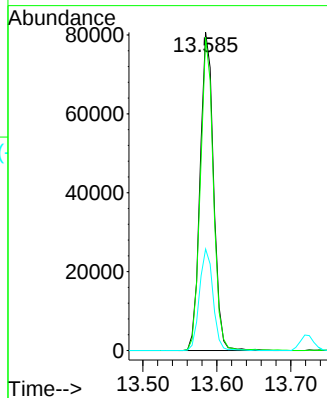
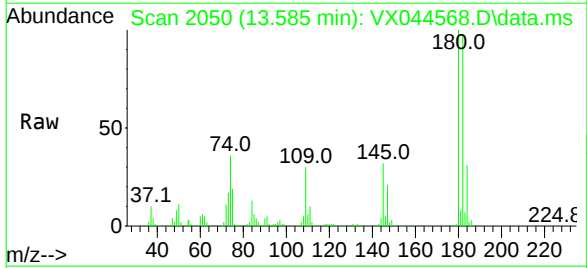
Tgt Ion:	180	Resp:	101500
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.0	144.2
145	32.1	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#94

Hexachlorobutadiene

Concen: 66.863 ug/l

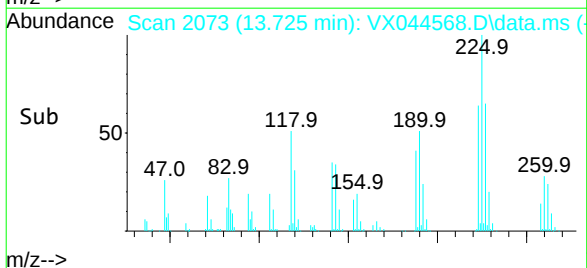
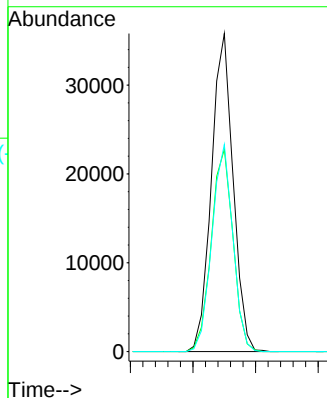
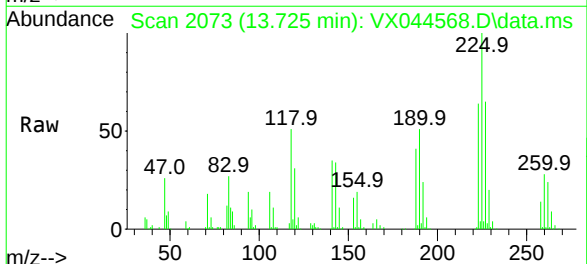
RT: 13.725 min Scan# 2073

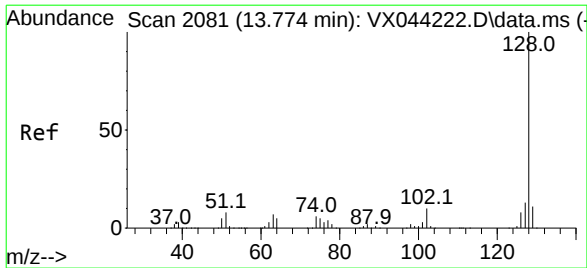
Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion:	225	Resp:	43011
Ion Ratio	Lower	Upper	
225	100		
223	63.8	30.8	92.4
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 56.827 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

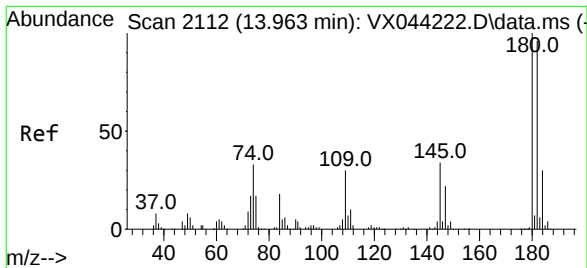
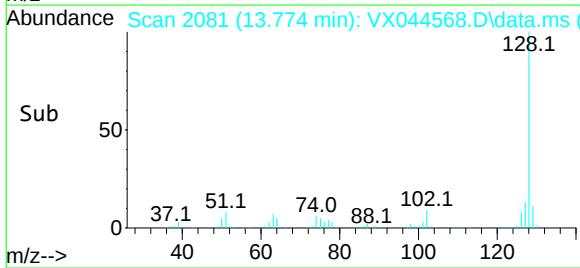
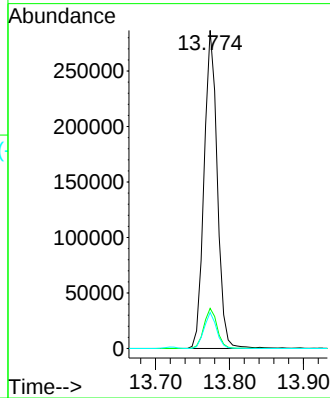
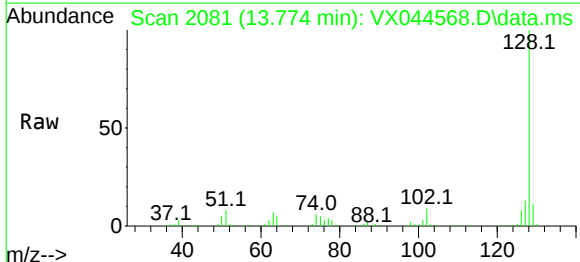
Tgt Ion:	128	Resp:	354742
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 62.075 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044568.D

Acq: 31 Dec 2024 10:00

Tgt Ion:	180	Resp:	105294
Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	34.5	17.7	53.1

