

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044576.D
 Acq On : 31 Dec 2024 13:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 01 01:40:47 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	5.550	168	140960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97535	39.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.920%		
35) Dibromofluoromethane	5.385	113	77928	49.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	8.647	98	260069	49.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.640%		
62) 4-Bromofluorobenzene	11.079	95	92627	50.269	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	103892	47.666	ug/l	99
3) Chloromethane	1.294	50	95257	45.702	ug/l	97
4) Vinyl Chloride	1.374	62	98020	45.141	ug/l	100
5) Bromomethane	1.593	94	67095	43.554	ug/l	99
6) Chloroethane	1.660	64	61308	45.342	ug/l	97
7) Trichlorofluoromethane	1.868	101	177449	41.743	ug/l	100
8) Diethyl Ether	2.130	74	67246	46.343	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	100576	58.469	ug/l	96
10) Methyl Iodide	2.441	142	130181	57.421	ug/l	96
11) Tert butyl alcohol	2.995	59	69968	200.872	ug/l	99
12) 1,1-Dichloroethene	2.307	96	93531	59.197	ug/l	97
13) Acrolein	2.233	56	174525	346.137	ug/l	99
14) Allyl chloride	2.654	41	125491	47.685	ug/l	98
15) Acrylonitrile	3.069	53	220918	228.963	ug/l	98
16) Acetone	2.386	43	243176	241.344	ug/l	97
17) Carbon Disulfide	2.495	76	180172	59.990	ug/l	99
18) Methyl Acetate	2.703	43	115058	44.288	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	275680	44.712	ug/l	99
20) Methylene Chloride	2.782	84	91018	48.094	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	82914	49.377	ug/l	96
22) Diisopropyl ether	3.764	45	262179	44.241	ug/l	97
23) Vinyl Acetate	3.721	43	1169124	242.662	ug/l	98
24) 1,1-Dichloroethane	3.605	63	158925	48.111	ug/l	99
25) 2-Butanone	4.562	43	311632	217.555	ug/l	98
26) 2,2-Dichloropropane	4.465	77	127921	47.668	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	100532	47.140	ug/l	95
28) Bromochloromethane	4.891	49	62889	38.824	ug/l	90
29) Tetrahydrofuran	5.007	42	202782	220.552	ug/l	99
30) Chloroform	5.086	83	170222	45.865	ug/l	97
31) Cyclohexane	5.458	56	126907	47.576	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	148300	48.137	ug/l	99
36) 1,1-Dichloropropene	5.684	75	106678	52.798	ug/l	98
37) Ethyl Acetate	4.715	43	127358	50.993	ug/l	98
38) Carbon Tetrachloride	5.666	117	121006	55.628	ug/l	95
39) Methylcyclohexane	7.373	83	142252	58.893	ug/l	96
40) Benzene	6.031	78	337023	54.939	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	68596	51.723	ug/l	99
42) 1,2-Dichloroethane	6.080	62	128562	50.875	ug/l	97
43) Isopropyl Acetate	6.342	43	201793	51.693	ug/l	98
44) Trichloroethene	7.123	130	86732	56.695	ug/l	92
45) 1,2-Dichloropropane	7.421	63	81441	51.964	ug/l	97
46) Dibromomethane	7.580	93	66665	54.828	ug/l	91
47) Bromodichloromethane	7.818	83	117575	55.991	ug/l	97
48) Methyl methacrylate	7.690	41	95572	50.435	ug/l	96
49) 1,4-Dioxane	7.659	88	27411	872.476	ug/l #	71
51) 4-Methyl-2-Pentanone	8.574	43	641305	255.503	ug/l	98
52) Toluene	8.714	92	207232	53.794	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	118338	52.328	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	128135	56.041	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	84959	55.514	ug/l	97
56) Ethyl methacrylate	9.116	69	130921	54.188	ug/l	97
57) 1,3-Dichloropropane	9.305	76	140059	52.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	274133	224.961	ug/l	98
59) 2-Hexanone	9.433	43	474933	261.415	ug/l	98
60) Dibromochloromethane	9.519	129	89535	54.879	ug/l	98
61) 1,2-Dibromoethane	9.610	107	90037	57.798	ug/l	97
64) Tetrachloroethene	9.269	164	78034	59.260	ug/l	98
65) Chlorobenzene	10.079	112	235032	55.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	80153	58.664	ug/l	98
67) Ethyl Benzene	10.189	91	400163	54.478	ug/l	98
68) m/p-Xylenes	10.299	106	303741	112.691	ug/l	95
69) o-Xylene	10.640	106	150613	55.227	ug/l	95
70) Styrene	10.653	104	247655	56.647	ug/l	97
71) Bromoform	10.799	173	56502	57.985	ug/l #	99
73) Isopropylbenzene	10.963	105	392941	52.604	ug/l	99
74) N-ethyl acetate	10.842	43	167165	48.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	128112	49.378	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	104703m	48.059	ug/l	
77) Bromobenzene	11.195	156	98184	54.204	ug/l	92
78) n-propylbenzene	11.305	91	442694	53.620	ug/l	98
79) 2-Chlorotoluene	11.366	91	265615	49.746	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	323069	52.153	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33990	45.297	ug/l	98
82) 4-Chlorotoluene	11.451	91	301813	51.045	ug/l	98
83) tert-Butylbenzene	11.713	119	326099	53.267	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	327138	53.774	ug/l	97
85) sec-Butylbenzene	11.890	105	397663	53.507	ug/l	98
86) p-Isopropyltoluene	12.006	119	341208	55.160	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	175836	55.573	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	176047	54.125	ug/l	98
89) n-Butylbenzene	12.329	91	284584	54.712	ug/l	99
90) Hexachloroethane	12.536	117	51267	56.776	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	176325	53.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24434	48.513	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	107249	59.544	ug/l	99
94) Hexachlorobutadiene	13.725	225	45565	62.892	ug/l	99
95) Naphthalene	13.774	128	364180	51.798	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	109714	57.429	ug/l	98

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

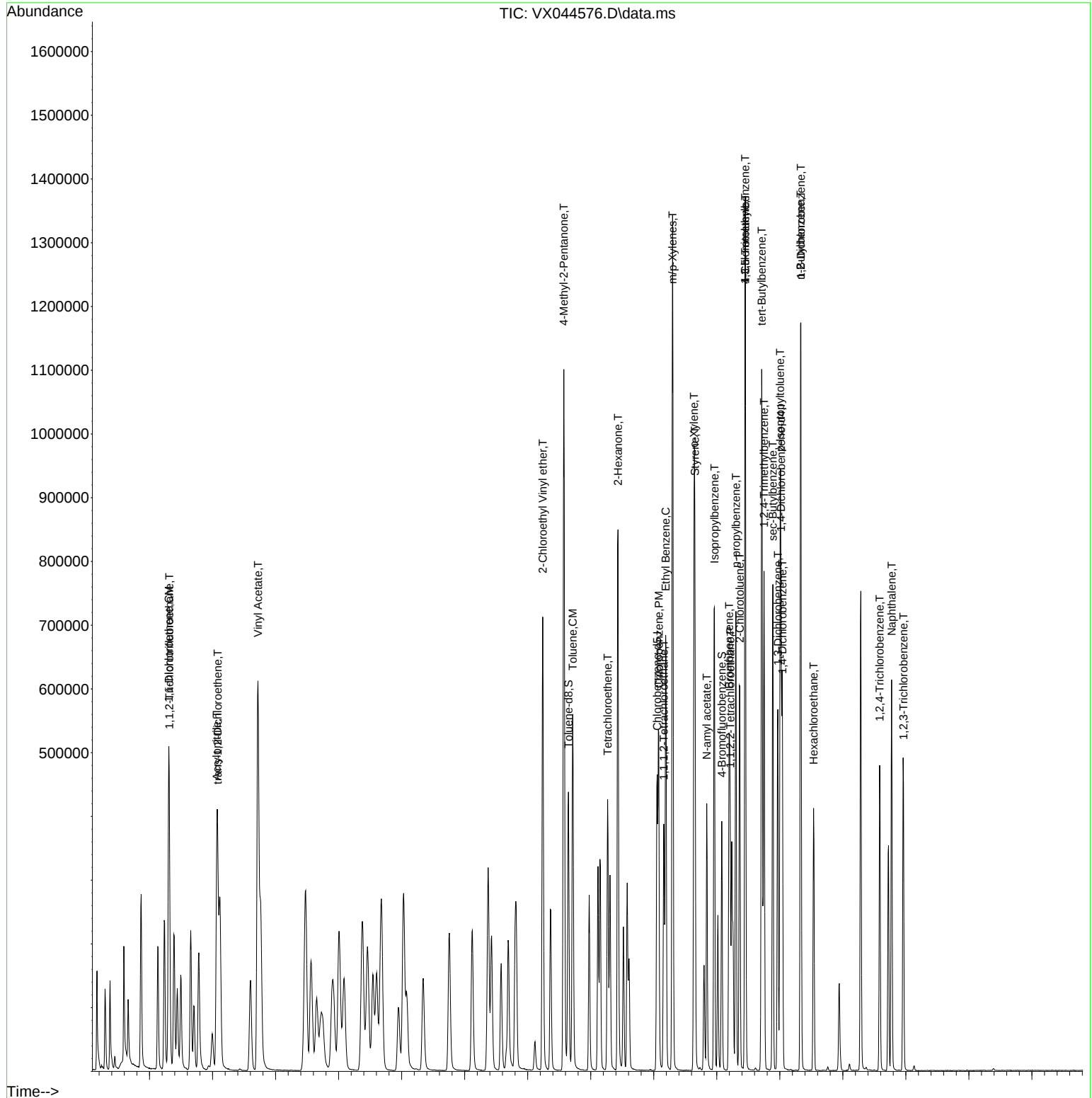
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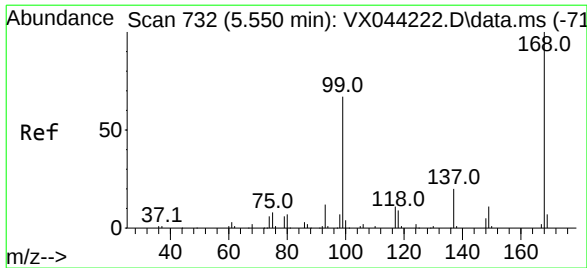
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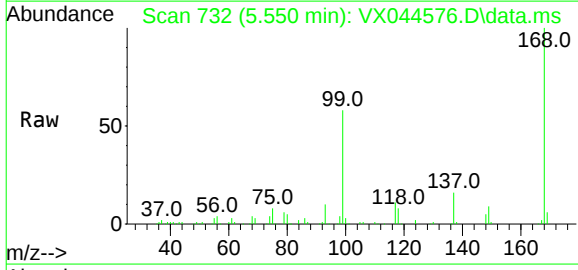
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

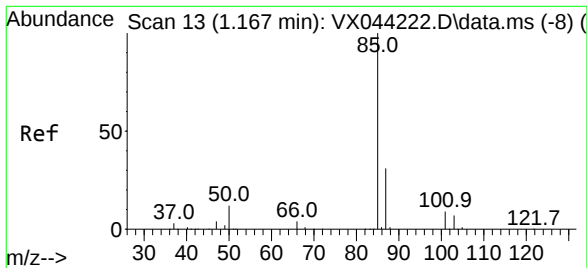
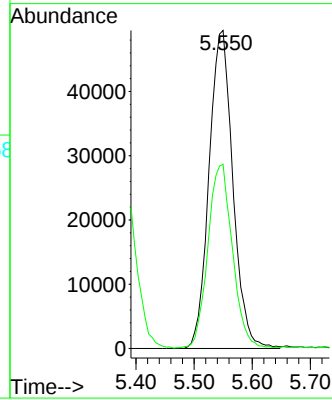
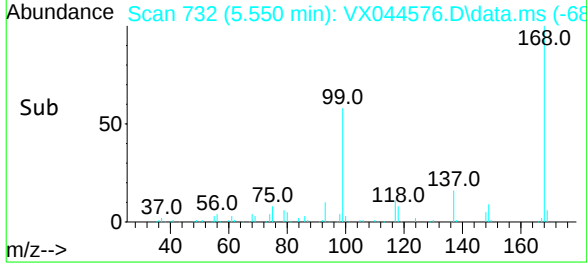
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 140960
Ion Ratio Lower Upper
168 100
99 57.6 53.4 80.0

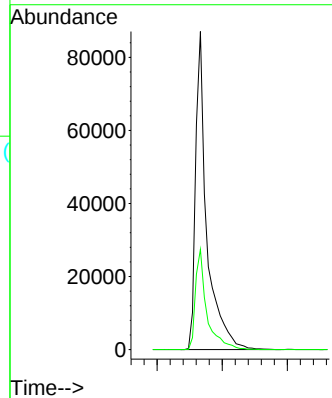
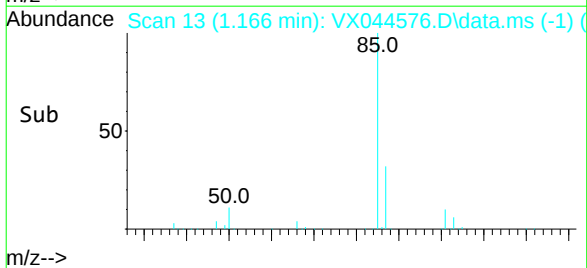
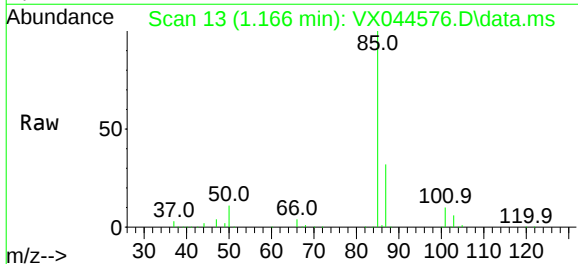
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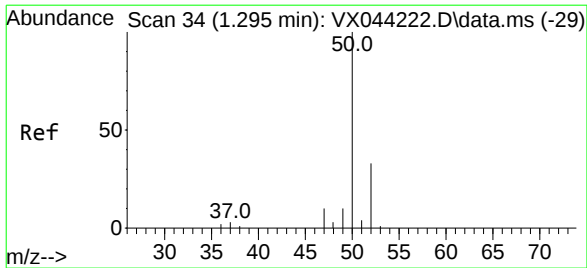
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#2
Dichlorodifluoromethane
Concen: 47.666 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

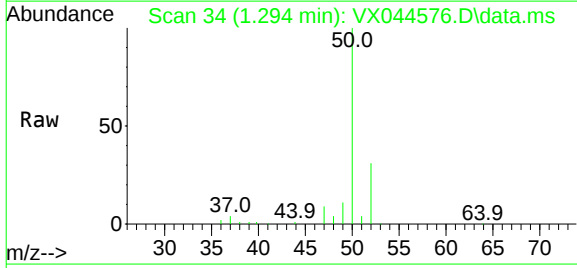
Tgt Ion: 85 Resp: 103892
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.4





#3
Chloromethane
Concen: 45.702 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

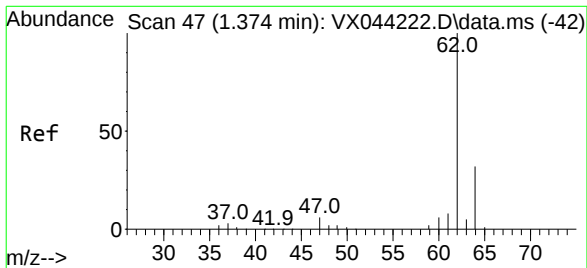
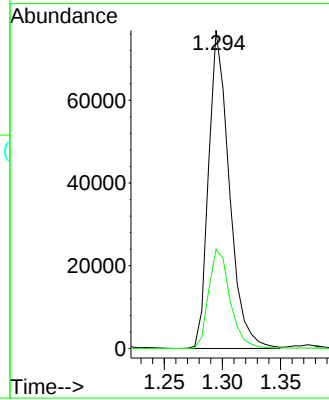
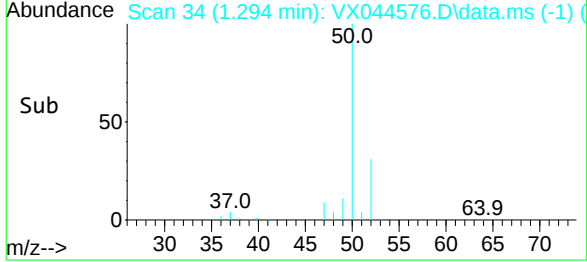
Instrument :
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Tgt Ion: 50 Resp: 95257
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

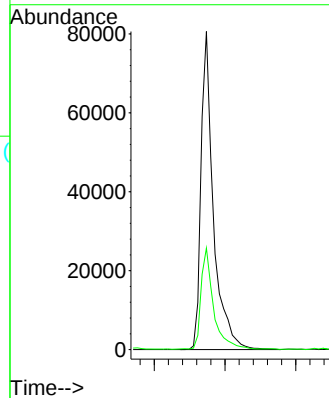
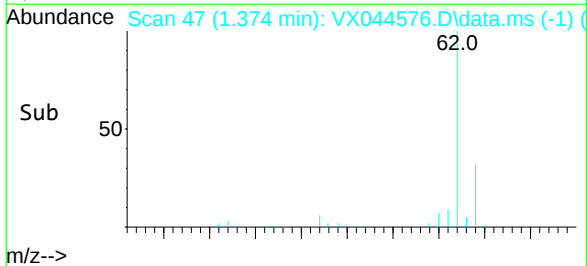
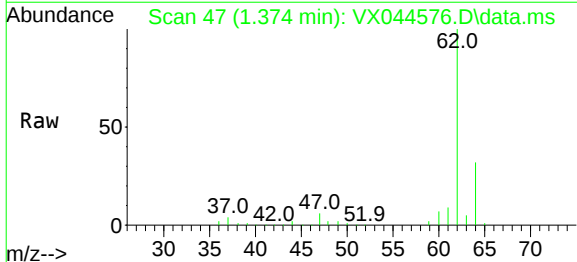
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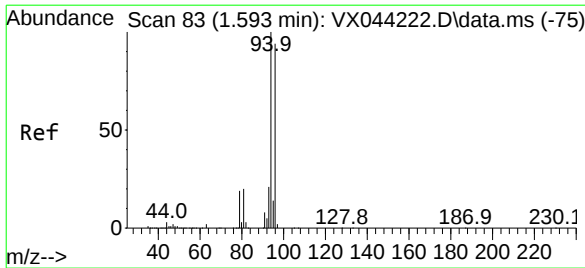
Reviewed By :John Carlone 01/02/2025
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#4
Vinyl Chloride
Concen: 45.141 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

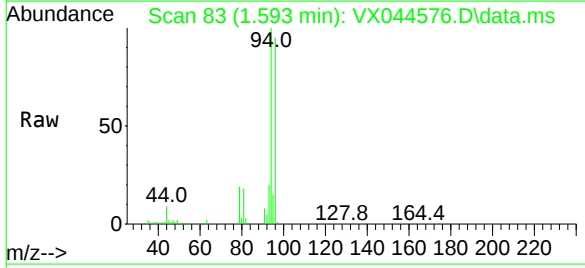
Tgt Ion: 62 Resp: 98020
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5
Bromomethane
Concen: 43.554 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

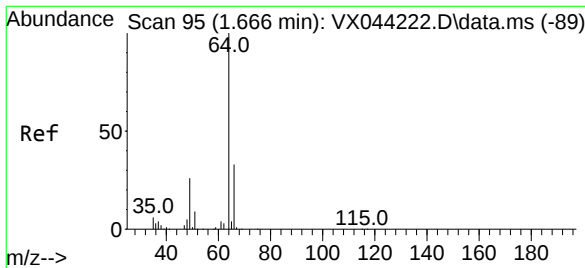
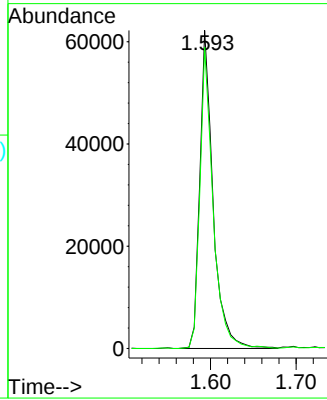
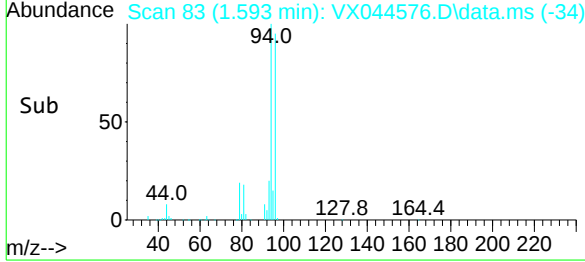
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Tgt Ion: 94 Resp: 67095
Ion Ratio Lower Upper
94 100
96 94.8 74.9 112.3

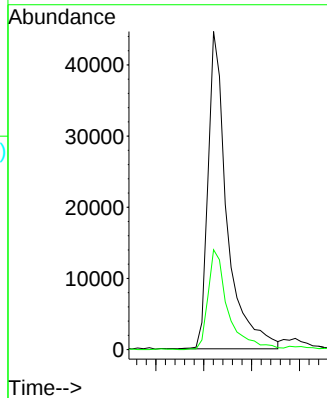
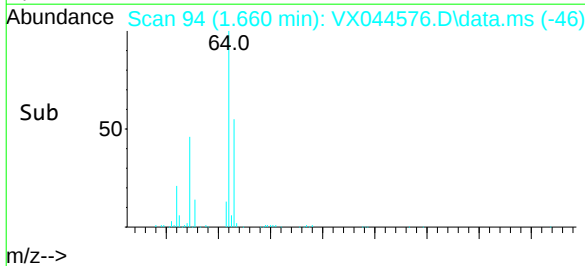
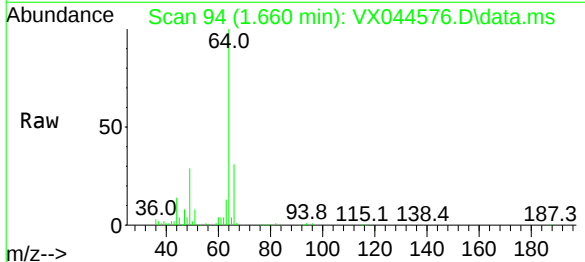
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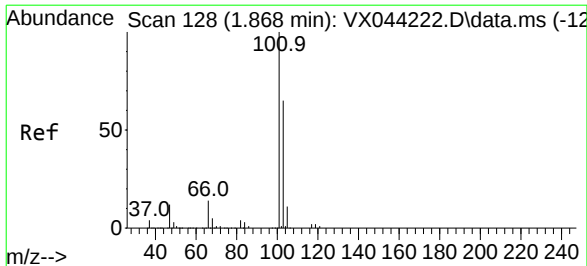
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#6
Chloroethane
Concen: 45.342 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

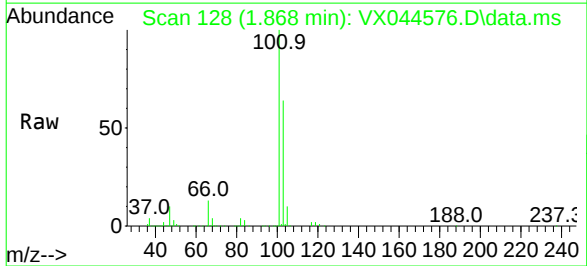
Tgt Ion: 64 Resp: 61308
Ion Ratio Lower Upper
64 100
66 31.5 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 41.743 ug/l
 RT: 1.868 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VX044576.D
 Acq: 31 Dec 2024 13:27

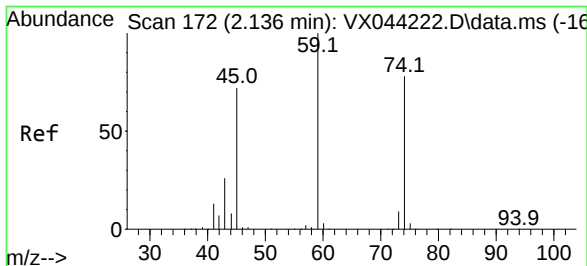
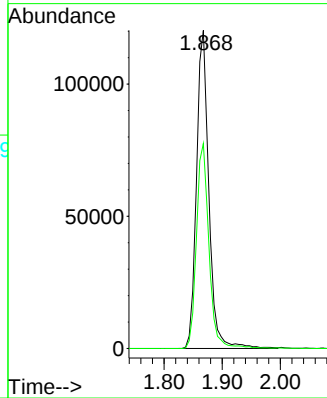
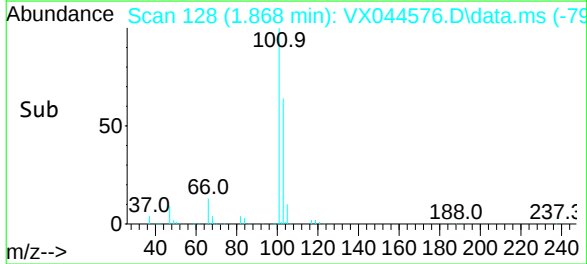
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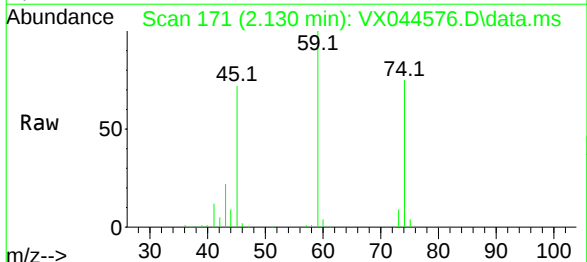
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 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.8

Manual Integrations
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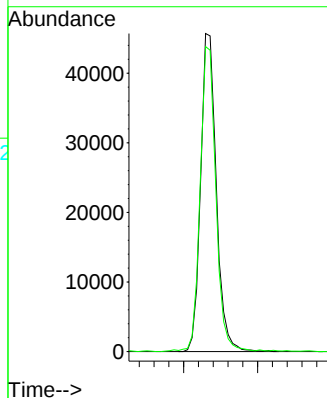
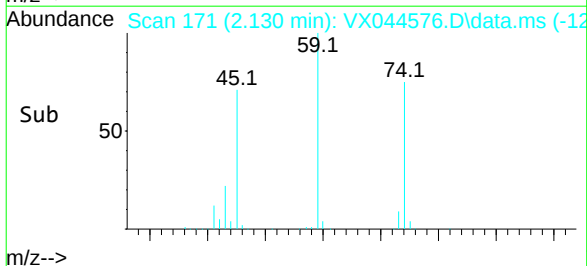
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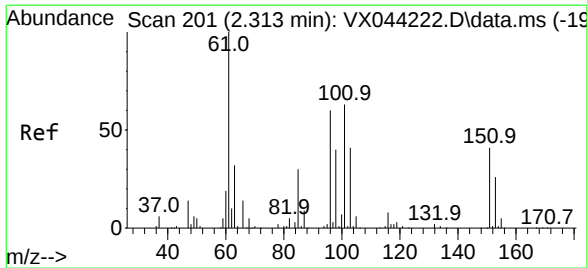


#8
 Diethyl Ether
 Concen: 46.343 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044576.D
 Acq: 31 Dec 2024 13:27



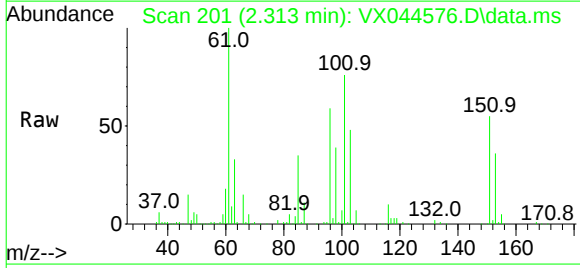
Tgt Ion: 74 Resp: 67246
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.469 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

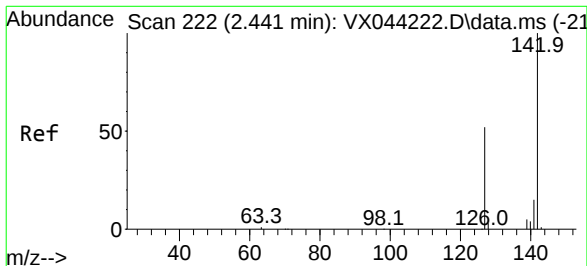
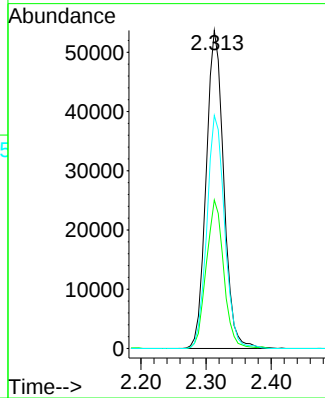
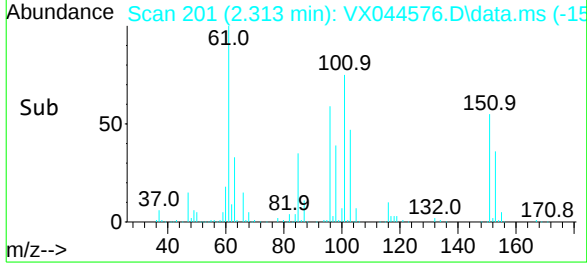
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 100576
Ion Ratio Lower Upper
101 100
85 46.4 38.5 57.7
151 74.0 55.8 83.6

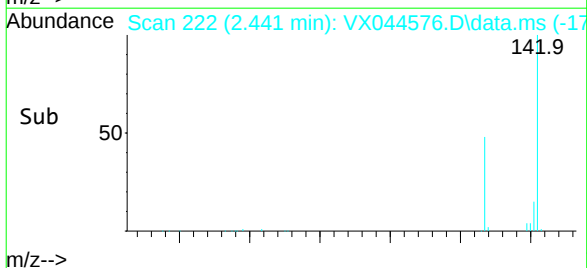
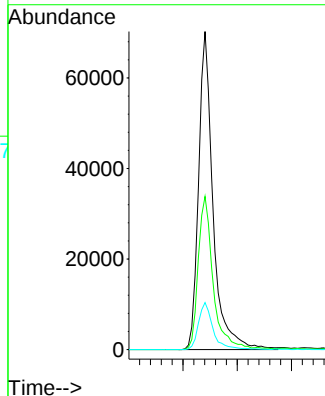
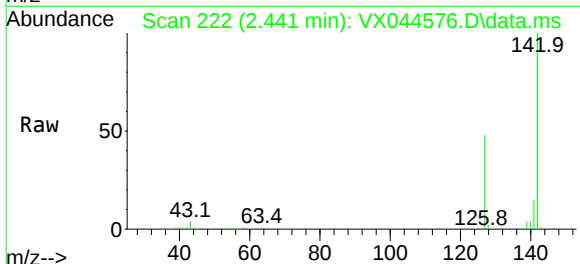
Manual Integrations
APPROVED

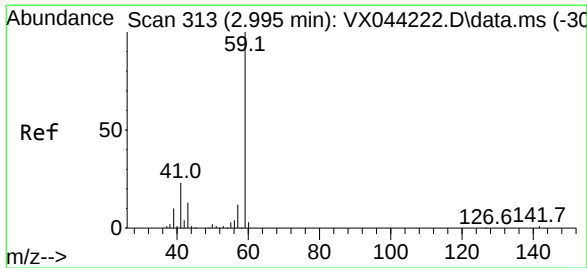
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#10
Methyl Iodide
Concen: 57.421 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:142 Resp: 130181
Ion Ratio Lower Upper
142 100
127 49.4 41.8 62.8
141 15.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 200.872 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 69968

Ion Ratio Lower Upper

59 100

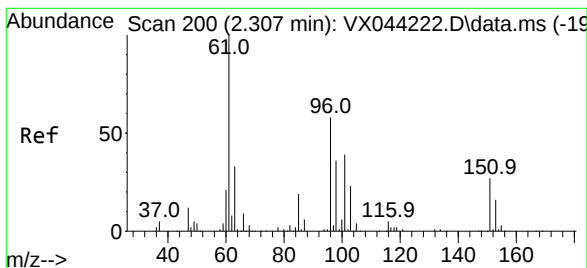
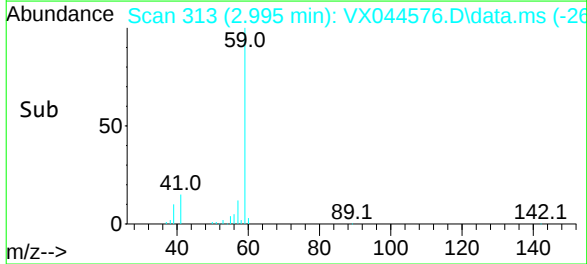
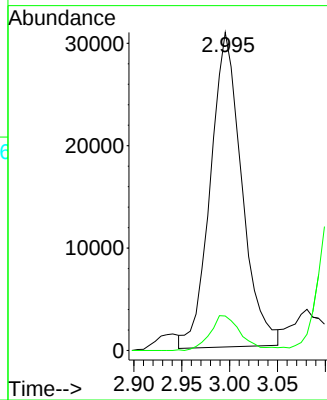
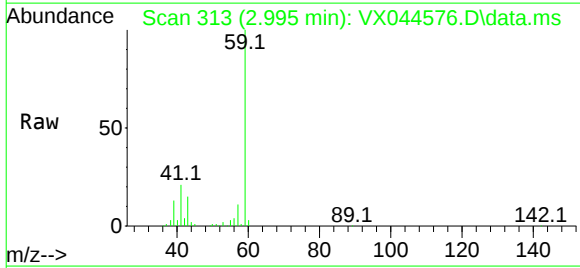
57 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 59.197 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

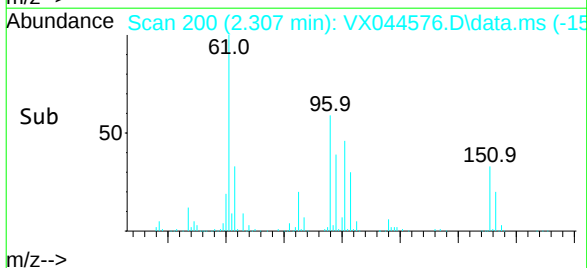
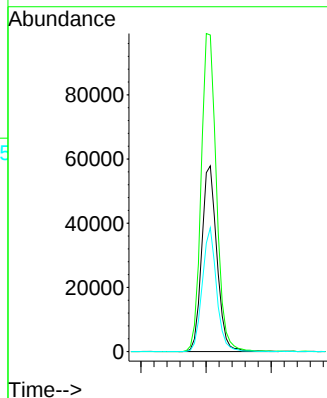
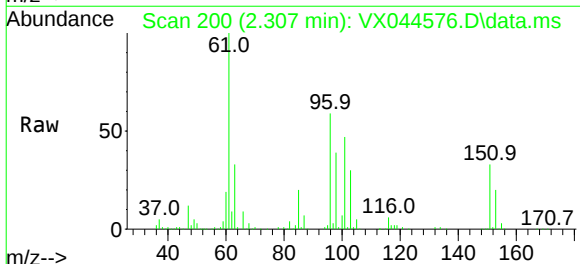
Tgt Ion: 96 Resp: 93531

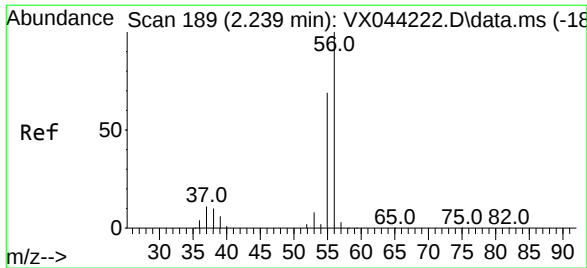
Ion Ratio Lower Upper

96 100

61 170.5 138.0 207.0

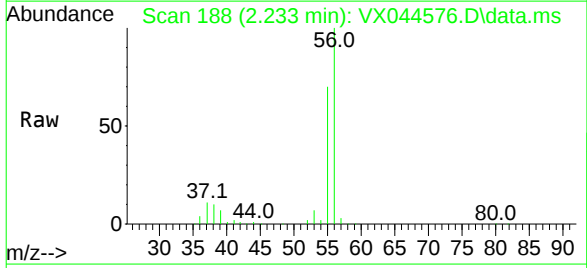
98 66.7 50.0 75.0





#13
Acrolein
Concen: 346.137 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

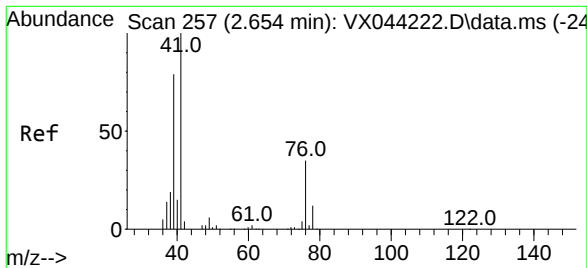
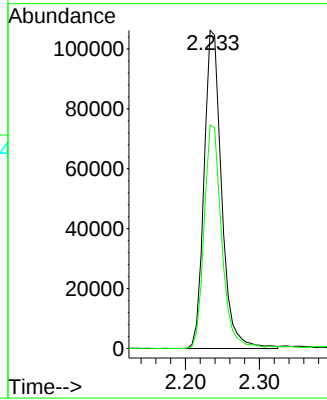
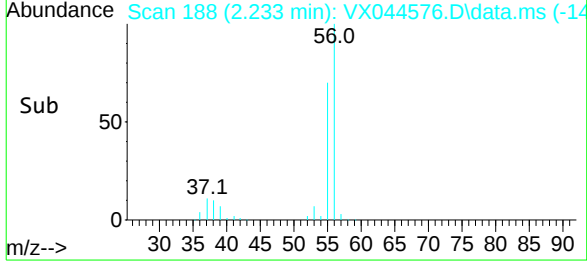
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



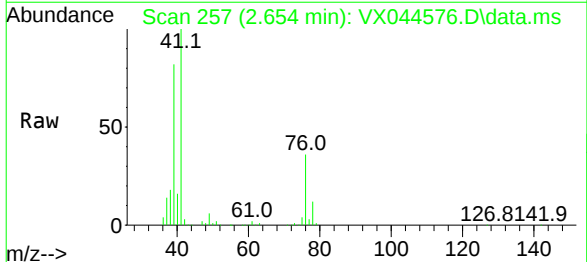
Tgt Ion: 56 Resp: 174525
Ion Ratio Lower Upper
56 100
55 70.2 56.6 84.8

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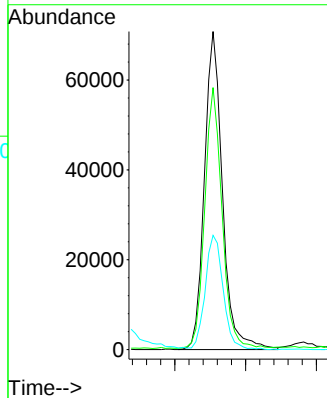
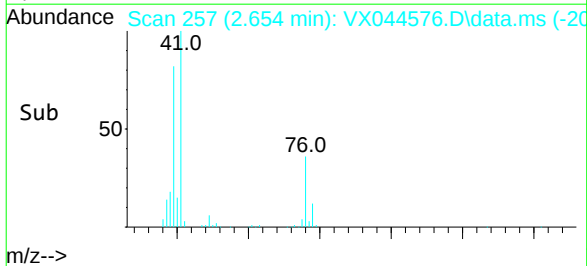
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 47.685 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27



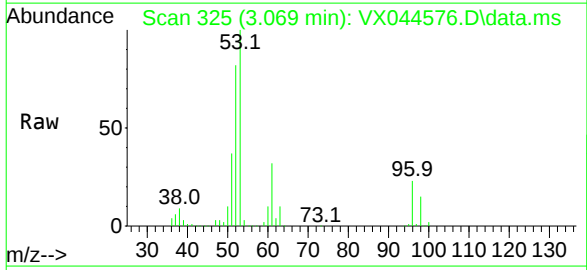
Tgt Ion: 41 Resp: 125491
Ion Ratio Lower Upper
41 100
39 78.4 61.9 92.9
76 35.8 27.4 41.2





#15
Acrylonitrile
Concen: 228.963 ug/l
RT: 3.069 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

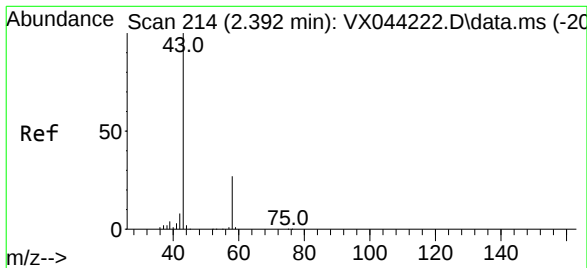
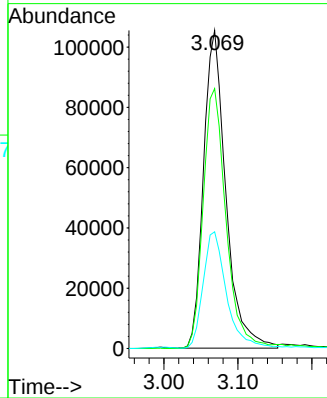
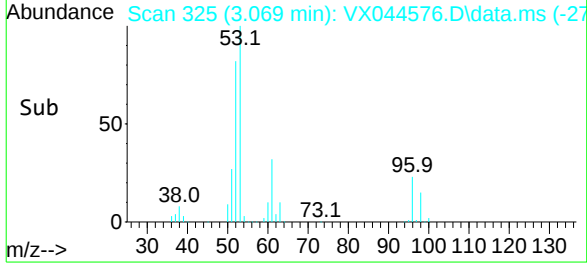
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 220918
Ion Ratio Lower Upper
53 100
52 85.9 67.4 101.0
51 38.4 30.3 45.5

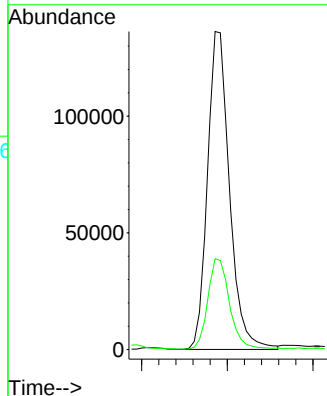
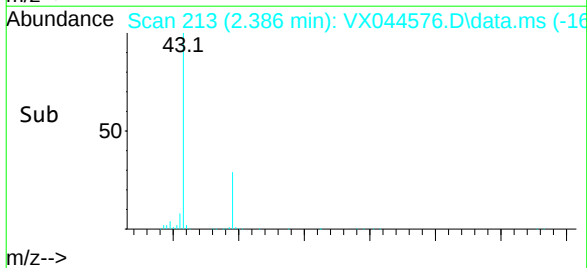
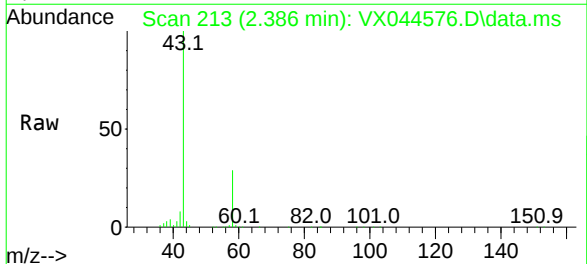
Manual Integrations
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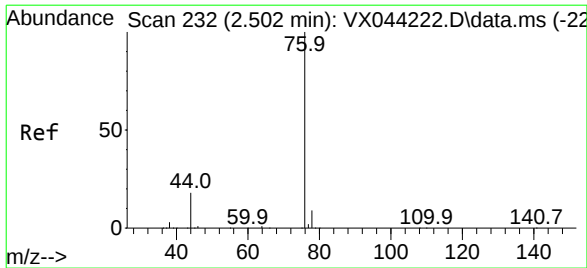
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#16
Acetone
Concen: 241.344 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 43 Resp: 243176
Ion Ratio Lower Upper
43 100
58 28.4 21.6 32.4





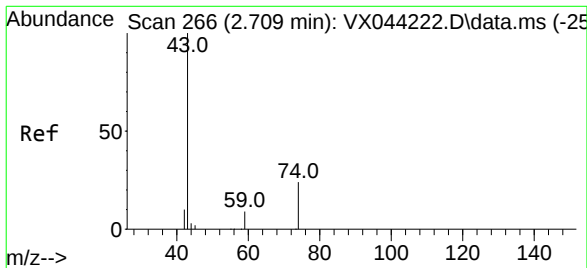
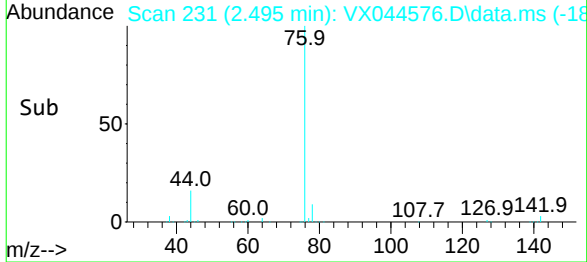
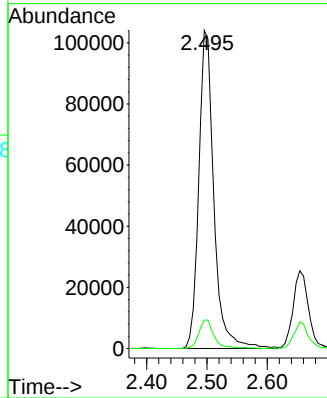
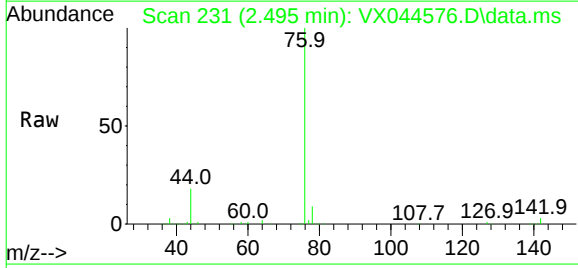
#17
Carbon Disulfide
Concen: 59.990 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 180172
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

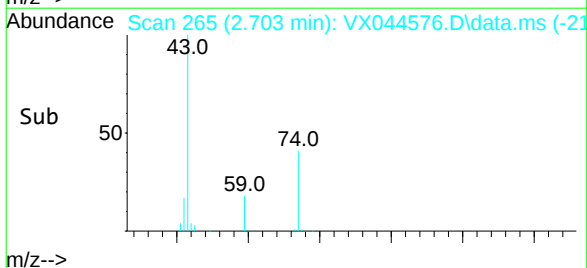
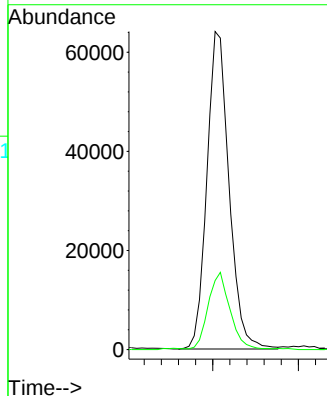
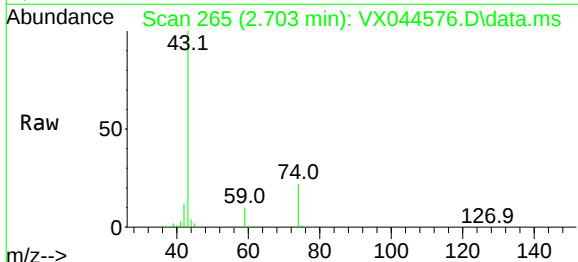
Manual Integrations
APPROVED

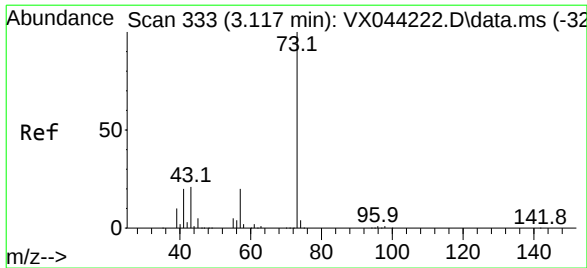
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 44.288 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 43 Resp: 115058
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 44.712 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 275680

Ion Ratio Lower Upper

73 100

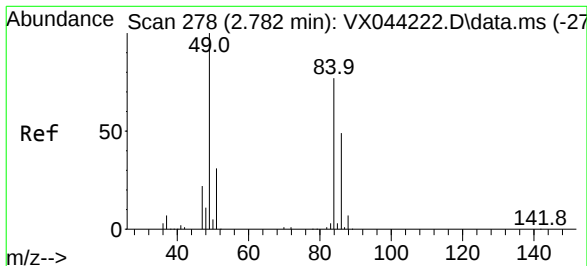
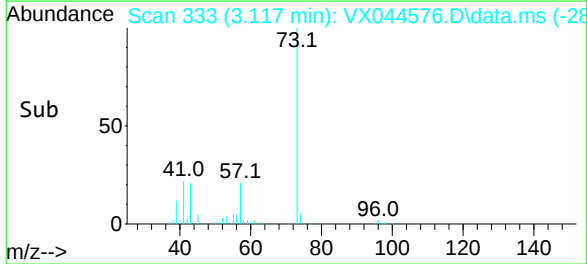
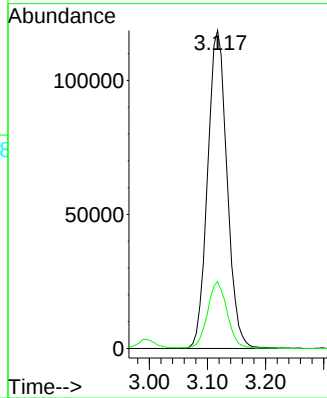
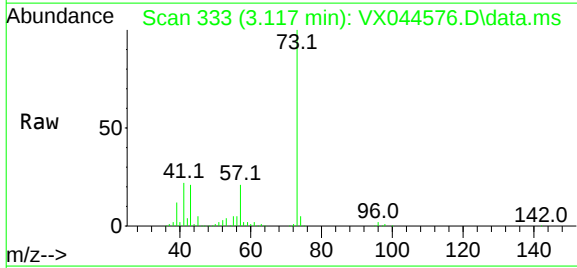
57 20.9 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#20

Methylene Chloride

Concen: 48.094 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion: 84 Resp: 91018

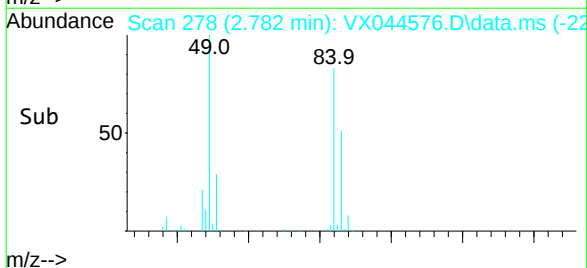
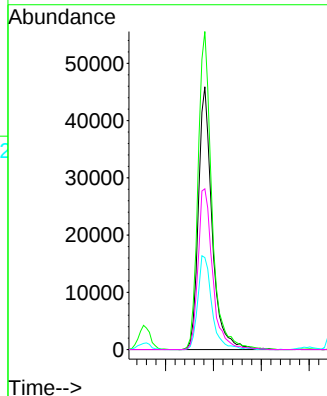
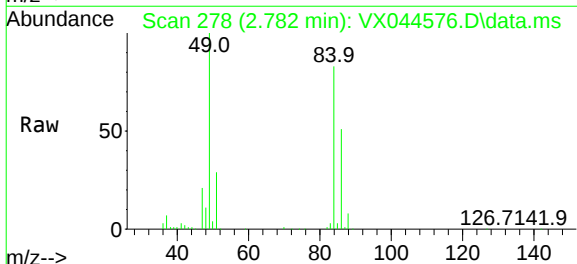
Ion Ratio Lower Upper

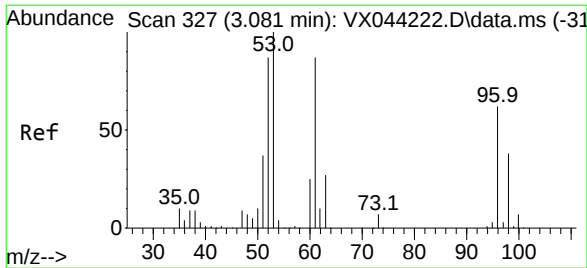
84 100

49 121.0 104.2 156.4

51 35.0 32.2 48.4

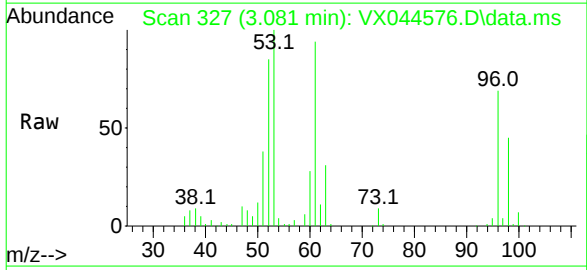
86 61.2 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 49.377 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

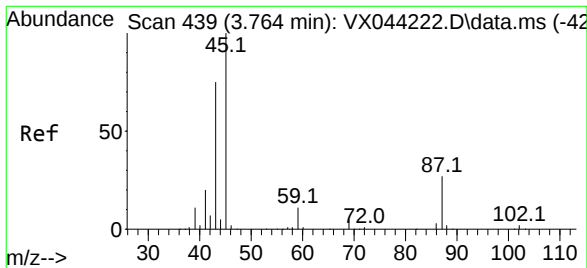
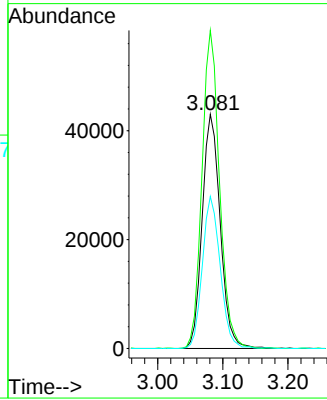
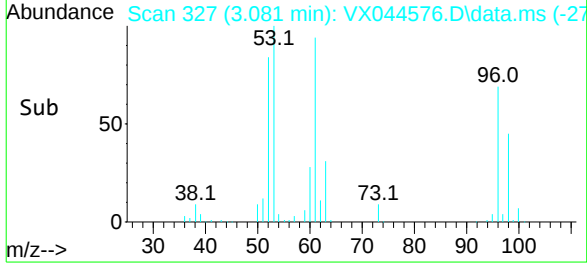
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



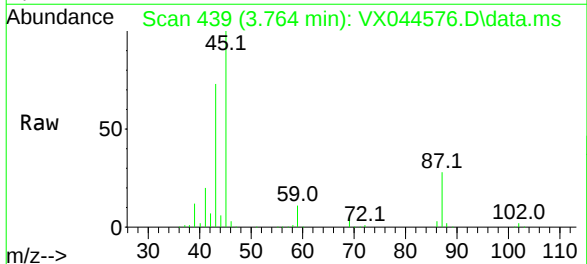
Tgt Ion: 96 Resp: 82914
Ion Ratio Lower Upper
96 100
61 135.8 112.0 168.0
98 64.9 48.8 73.2

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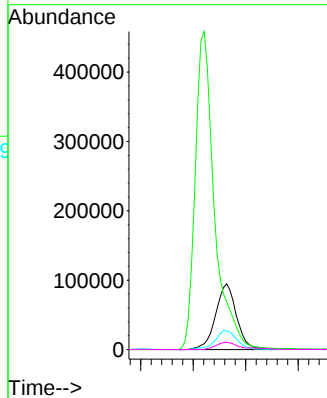
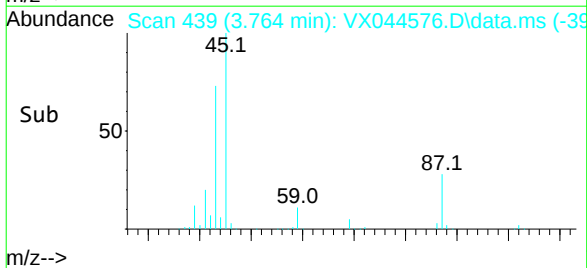
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

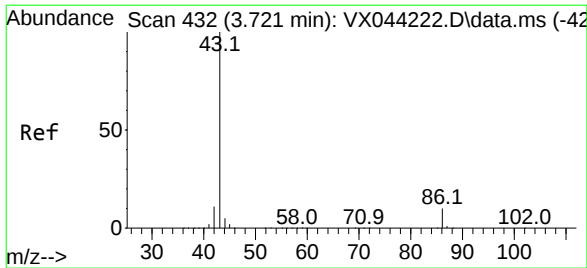


#22
Diisopropyl ether
Concen: 44.241 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27



Tgt Ion: 45 Resp: 262179
Ion Ratio Lower Upper
45 100
43 72.9 60.2 90.2
87 28.3 21.2 31.8
59 11.1 8.9 13.3





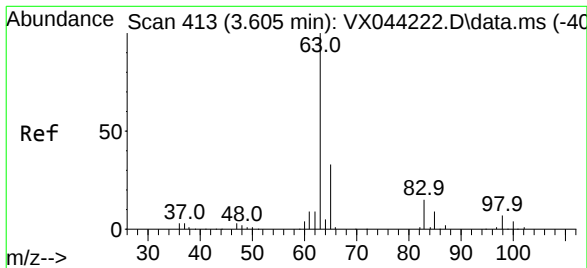
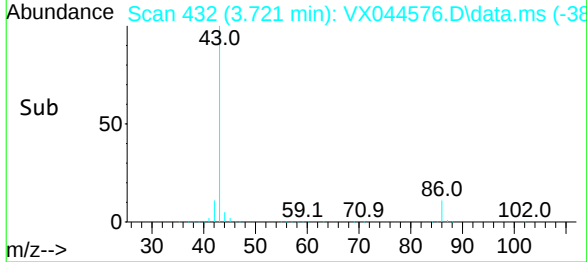
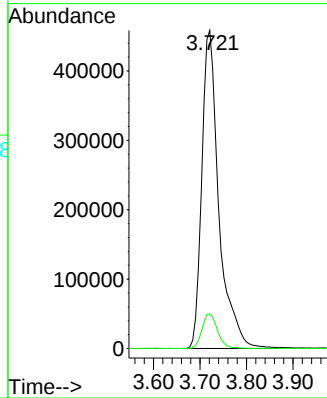
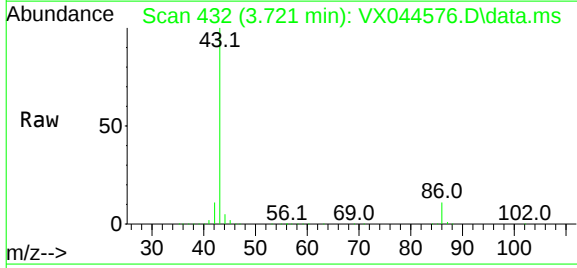
#23
 Vinyl Acetate
 Concen: 242.662 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044576.D
 Acq: 31 Dec 2024 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1169124
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2

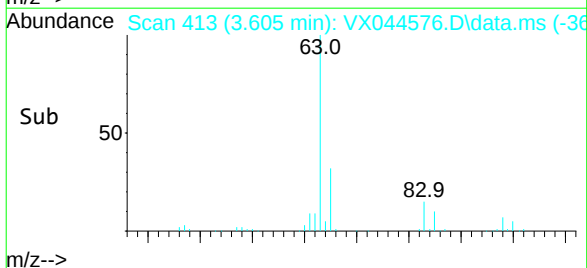
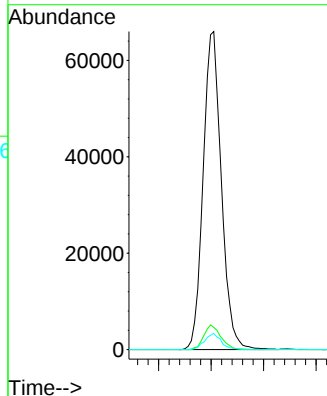
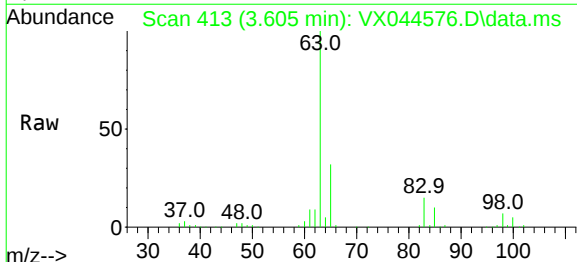
Manual Integrations
 APPROVED

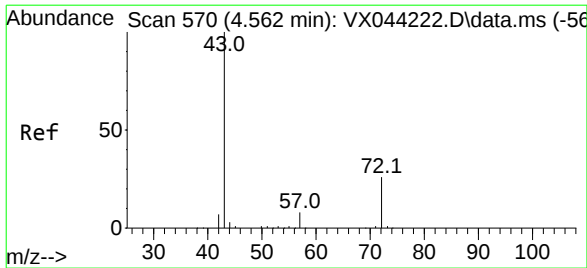
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#24
 1,1-Dichloroethane
 Concen: 48.111 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044576.D
 Acq: 31 Dec 2024 13:27

Tgt Ion: 63 Resp: 158925
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 5.1 2.1 6.3





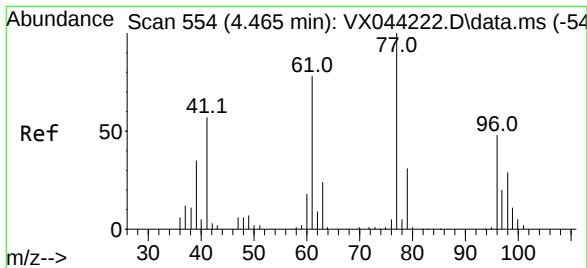
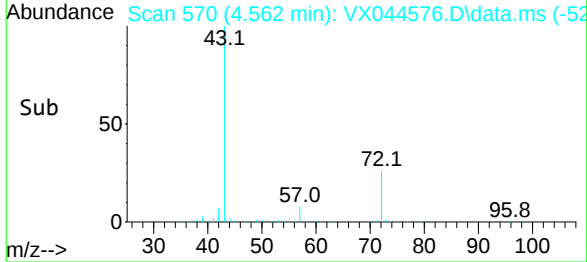
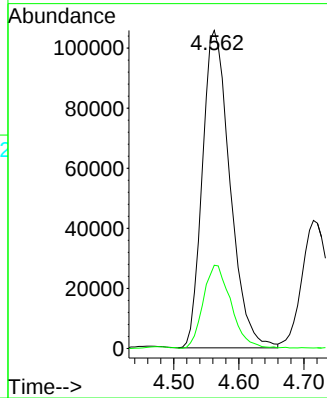
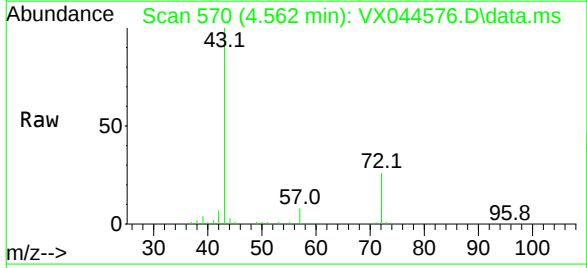
#25
2-Butanone
Concen: 217.555 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 311632
Ion Ratio Lower Upper
43 100
72 26.1 20.2 30.4

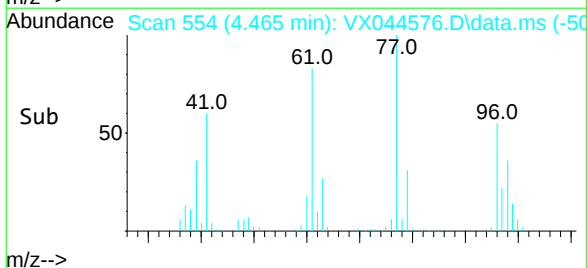
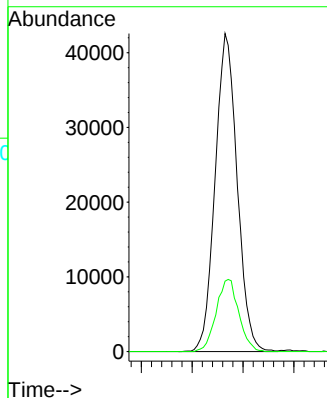
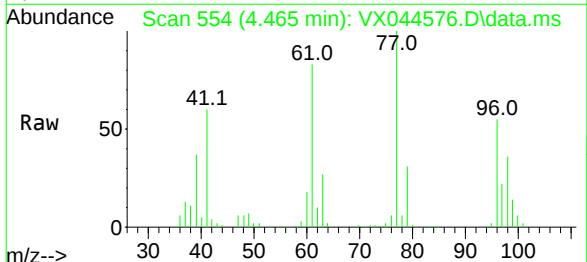
Manual Integrations
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Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 47.668 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

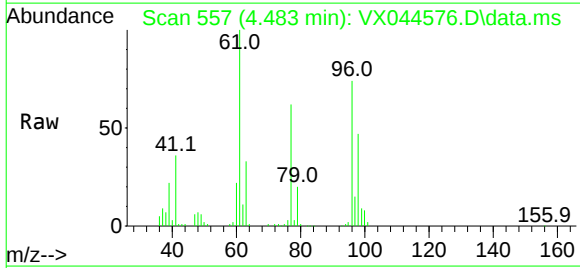
Tgt Ion: 77 Resp: 127921
Ion Ratio Lower Upper
77 100
97 23.2 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.140 ug/l
 RT: 4.483 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VX044576.D
 Acq: 31 Dec 2024 13:27

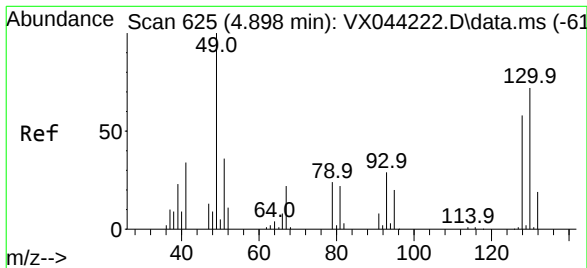
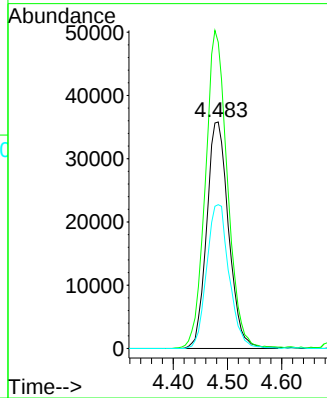
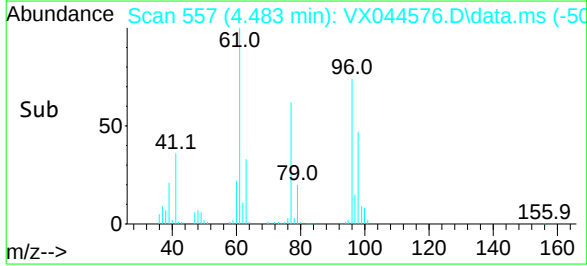
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 100532
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 299.0
 98 65.1 0.0 129.0

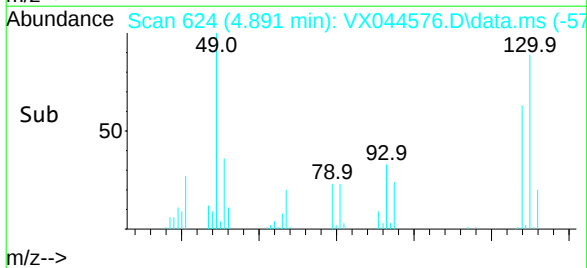
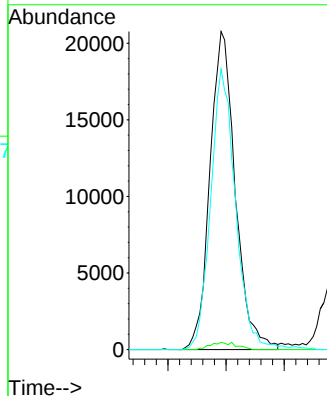
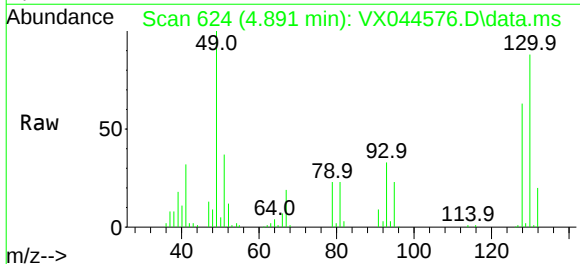
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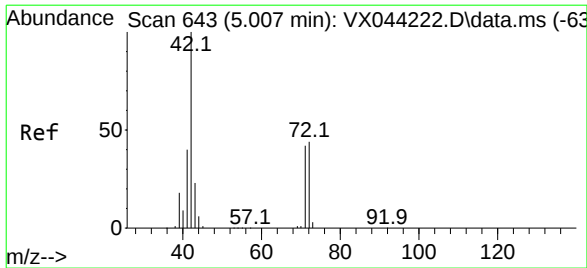
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#28
 Bromochloromethane
 Concen: 38.824 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044576.D
 Acq: 31 Dec 2024 13:27

Tgt Ion: 49 Resp: 62889
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 86.2 62.1 93.1





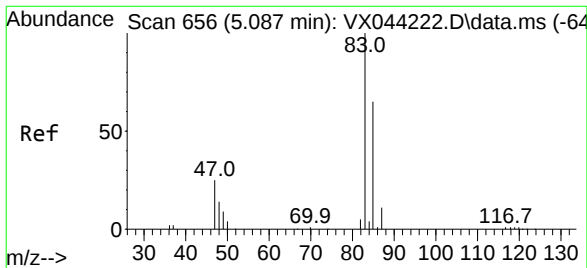
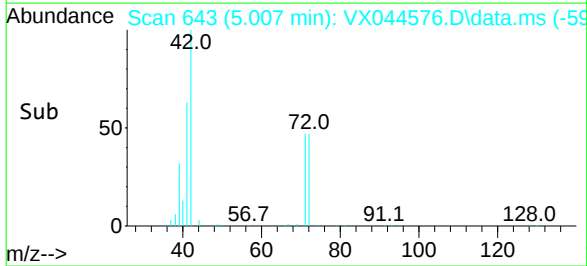
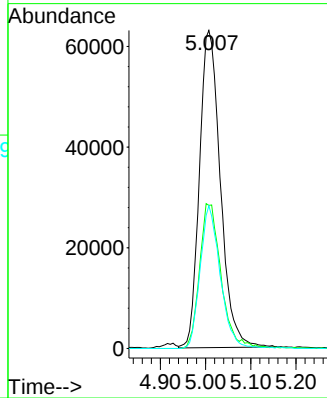
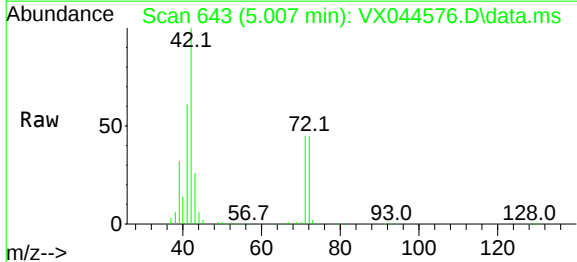
#29
Tetrahydrofuran
Concen: 220.552 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 202782
Ion Ratio Lower Upper
42 100
72 46.8 37.0 55.6
71 43.0 33.6 50.4

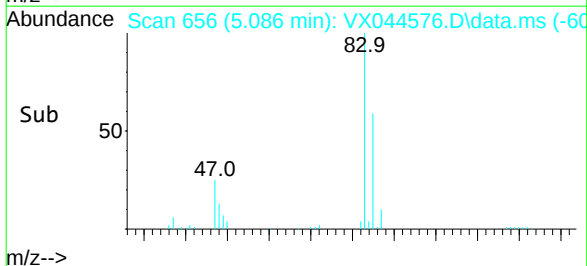
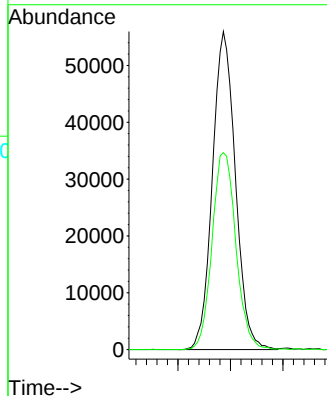
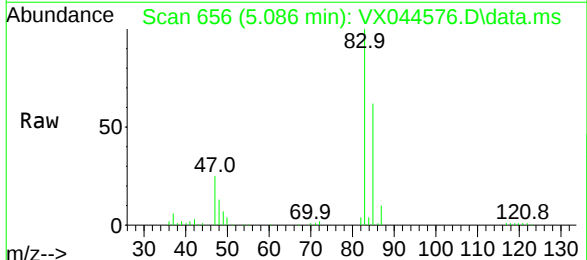
Manual Integrations
APPROVED

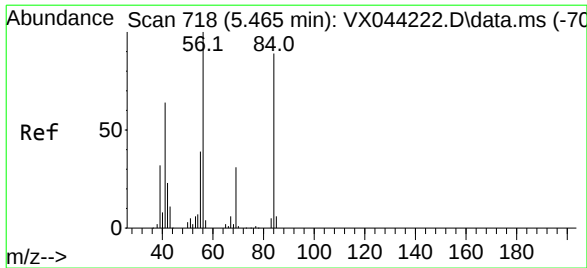
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 45.865 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 83 Resp: 170222
Ion Ratio Lower Upper
83 100
85 61.9 51.6 77.4





#31

Cyclohexane

Concen: 47.576 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 126907

Ion Ratio Lower Upper

56 100

69 32.4 24.7 37.1

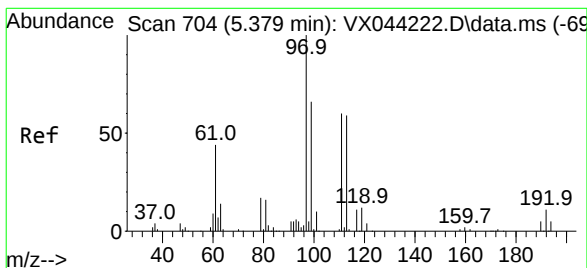
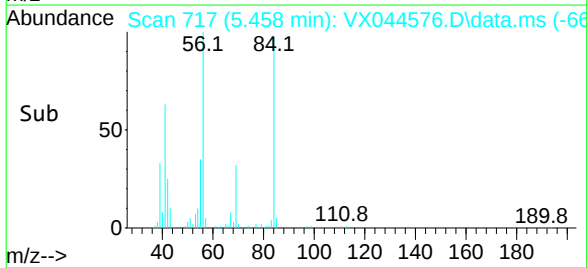
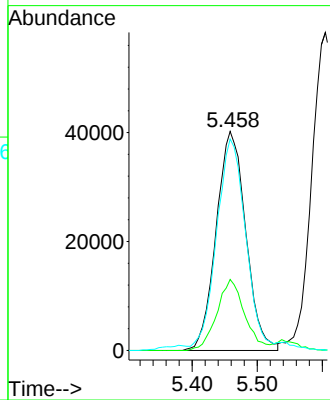
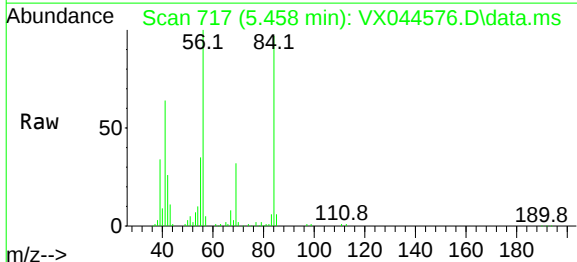
84 94.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#32

1,1,1-Trichloroethane

Concen: 48.137 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

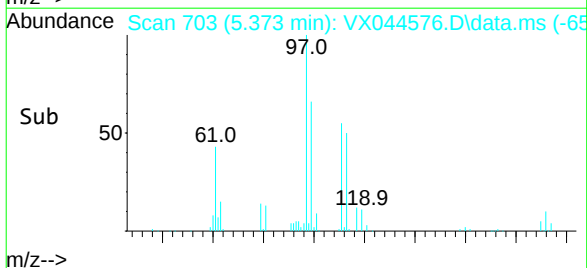
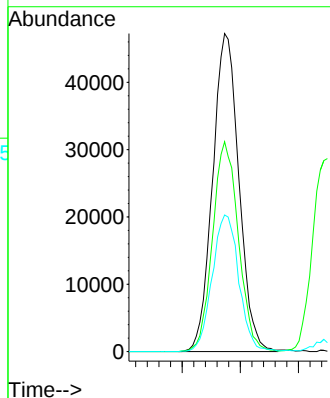
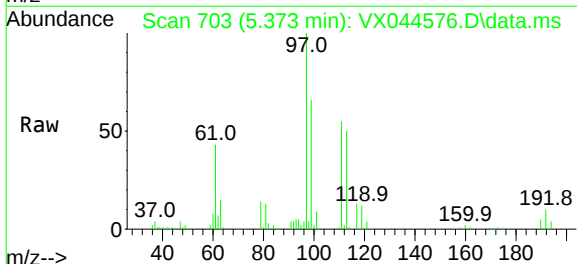
Tgt Ion: 97 Resp: 148300

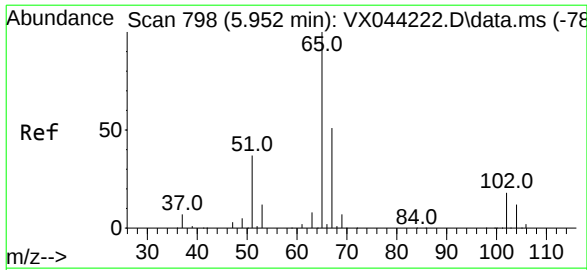
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 43.5 35.2 52.8





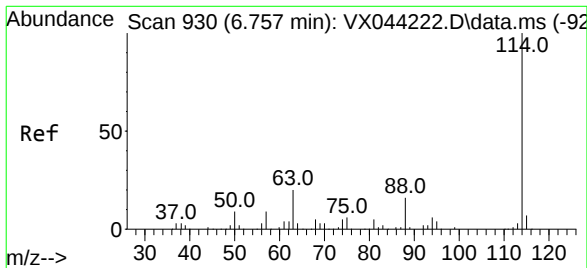
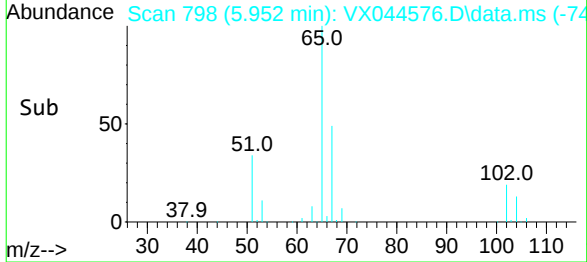
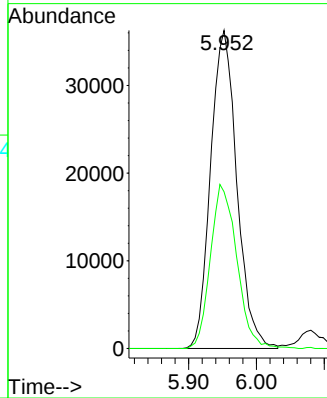
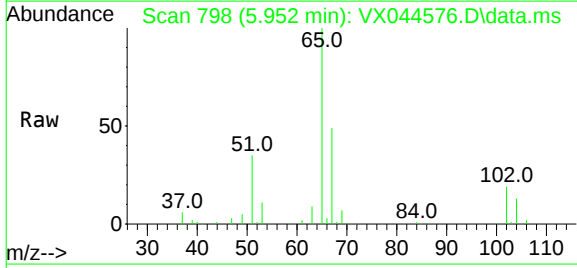
#33
1,2-Dichloroethane-d4
Concen: 39.464 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 97535
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.6

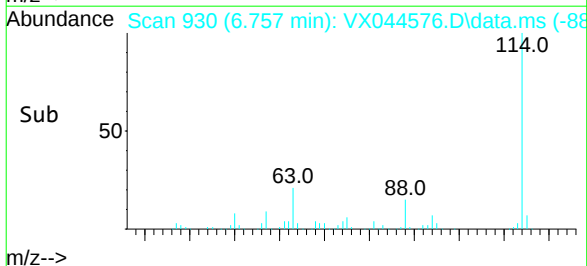
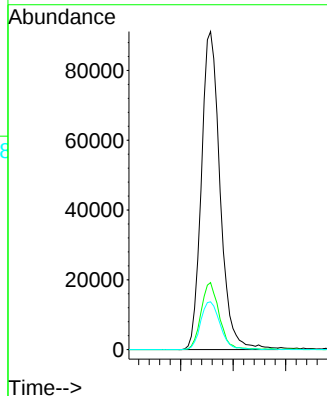
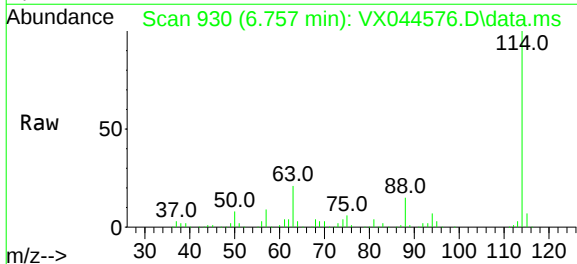
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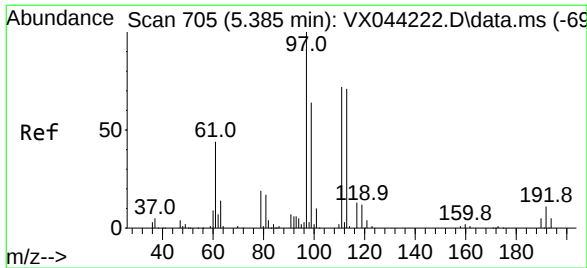
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:114 Resp: 225685
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.6
88 15.0 0.0 31.8





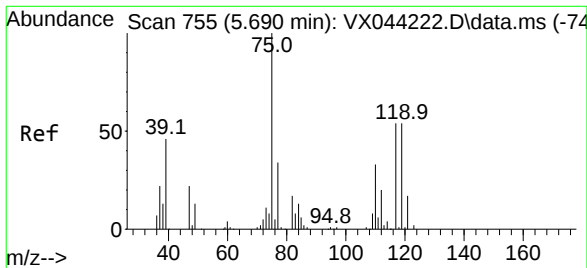
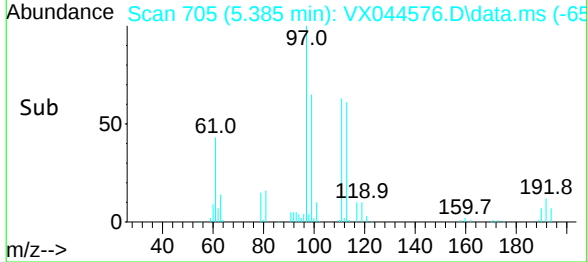
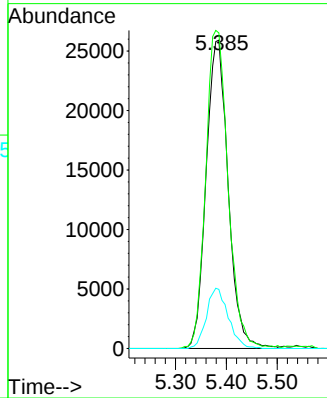
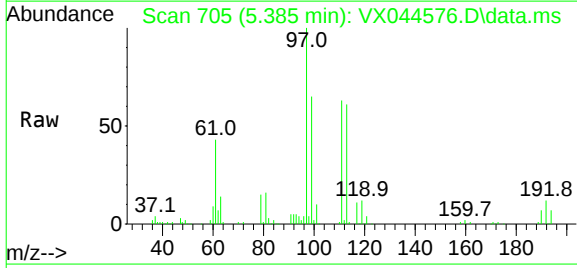
#35
Dibromofluoromethane
Concen: 49.856 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 77928
Ion Ratio Lower Upper
113 100
111 104.9 80.4 120.6
192 19.3 13.3 19.9

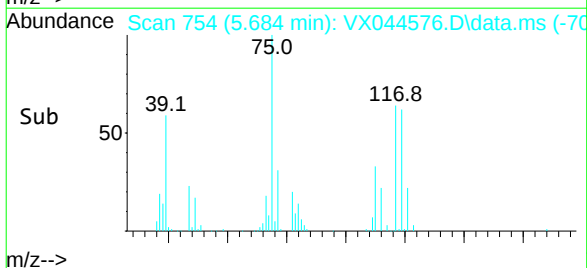
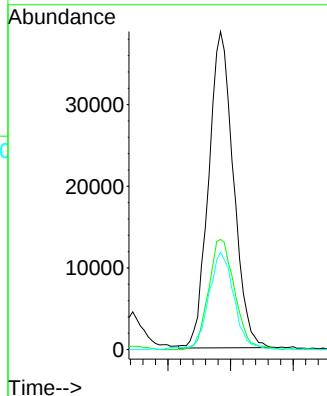
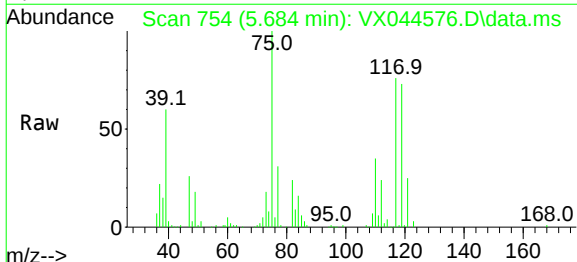
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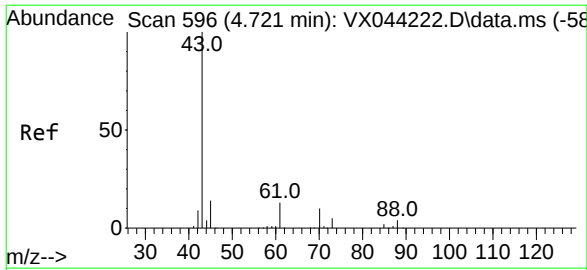
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#36
1,1-Dichloropropene
Concen: 52.798 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 75 Resp: 106678
Ion Ratio Lower Upper
75 100
110 36.6 17.3 51.7
77 31.5 25.4 38.0





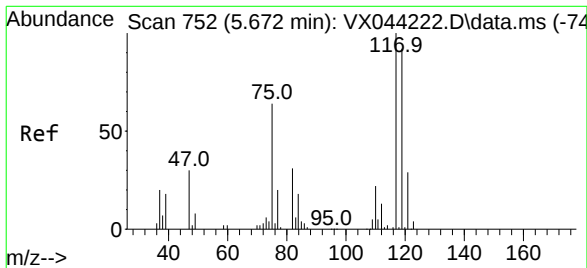
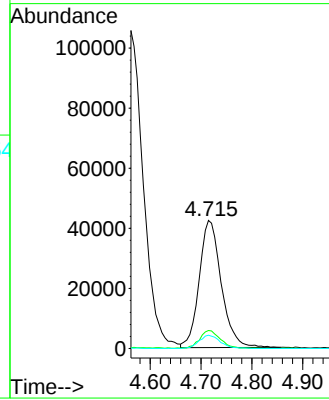
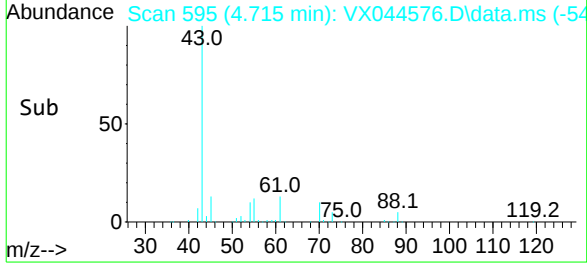
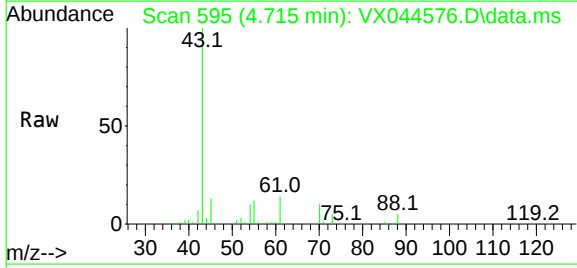
#37
Ethyl Acetate
Concen: 50.993 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 127358
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 10.0 7.7 11.5

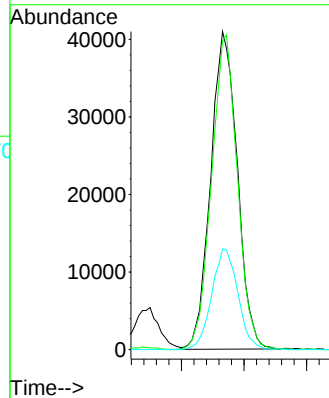
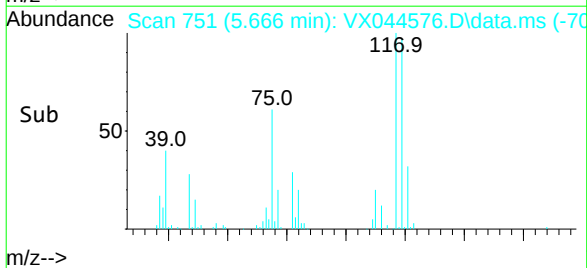
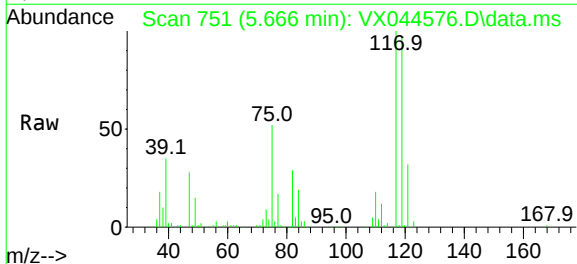
Manual Integrations
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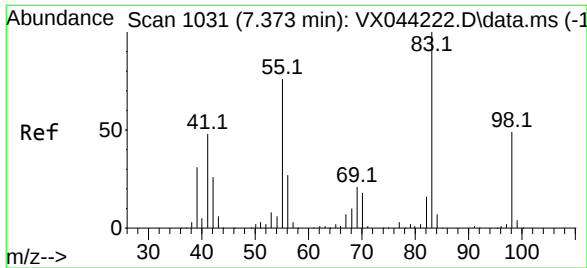
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 55.628 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:117 Resp: 121006
Ion Ratio Lower Upper
117 100
119 96.9 74.2 111.4
121 31.7 23.0 34.6





#39
Methylcyclohexane
Concen: 58.893 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

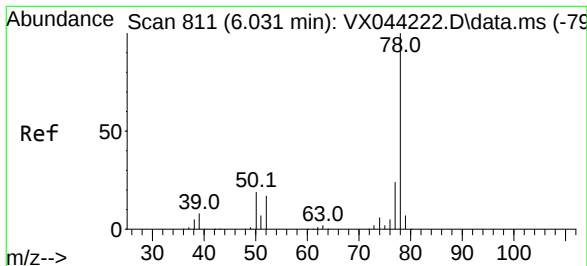
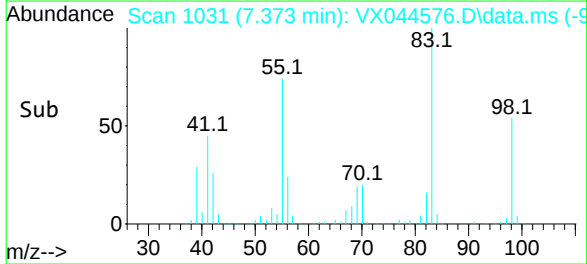
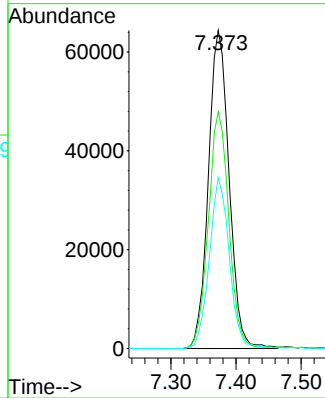
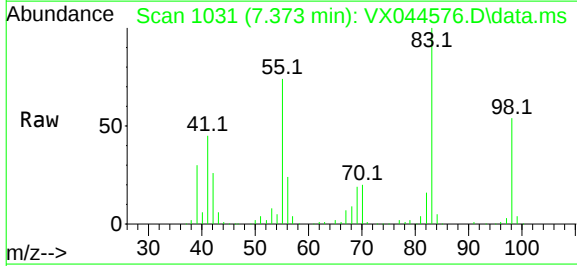
Tgt Ion: 83 Resp: 142252
Ion Ratio Lower Upper
83 100
55 74.5 60.7 91.1
98 53.8 38.9 58.3

Manual Integrations

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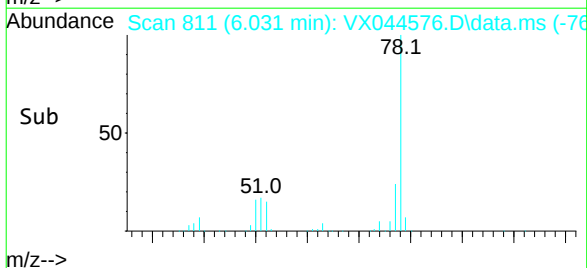
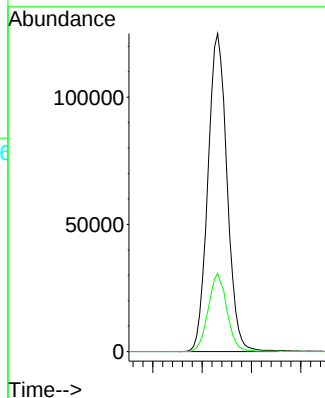
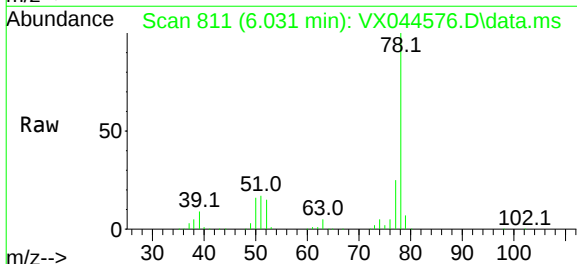
Reviewed By :John Carlone 01/02/2025

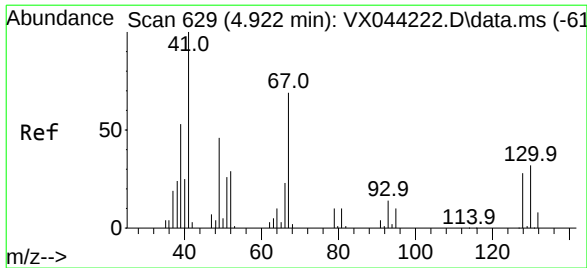
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 54.939 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 78 Resp: 337023
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





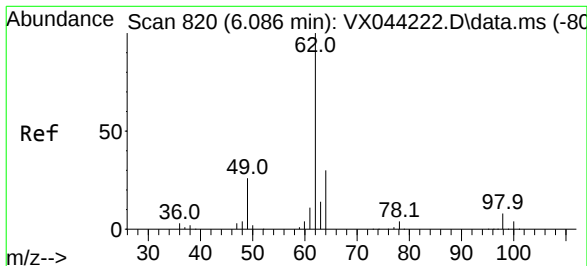
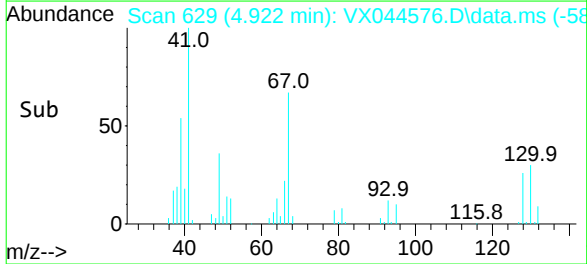
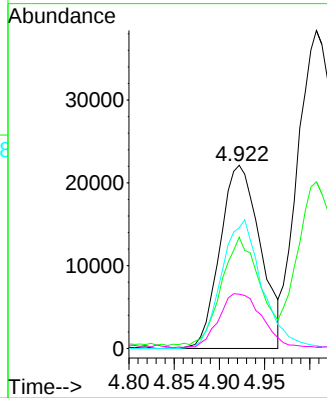
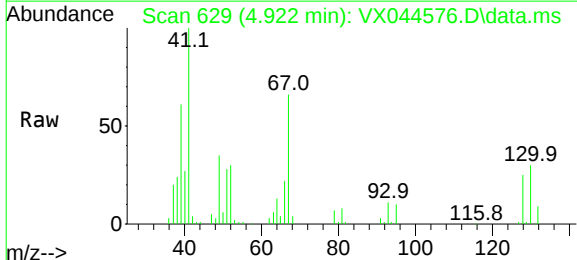
#41
Methacrylonitrile
Concen: 51.723 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	68596
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.2	66.4
67	70.8	57.2	85.8
52	31.2	24.6	37.0

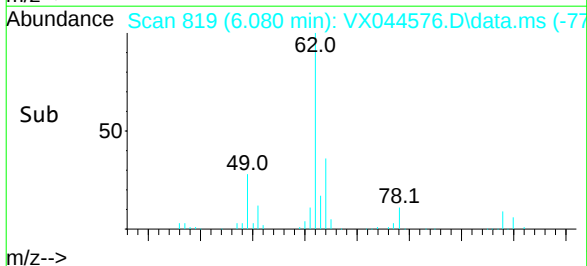
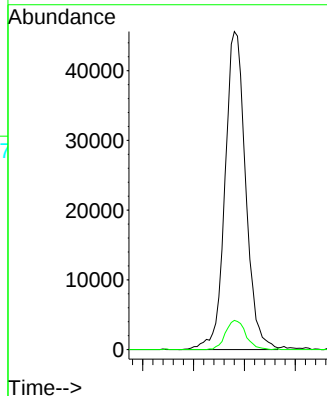
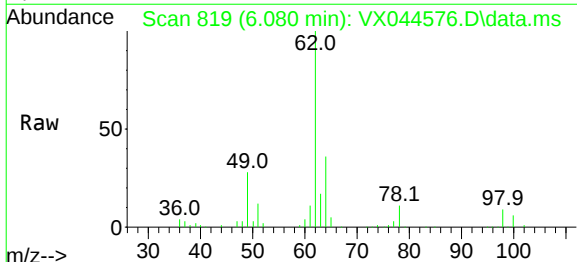
Manual Integrations
APPROVED

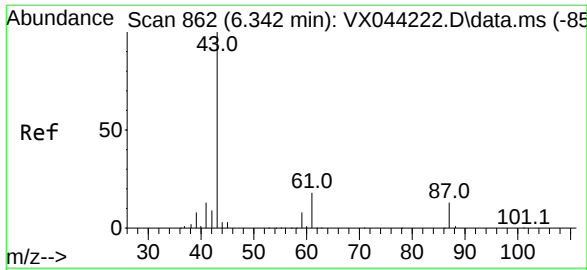
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 50.875 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:	62	Resp:	128562
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8





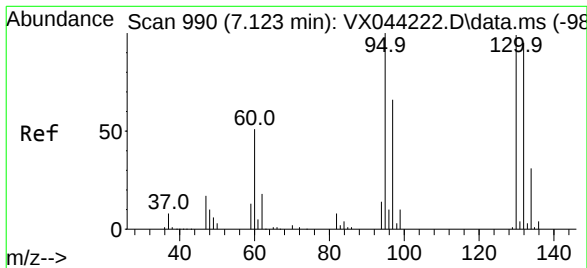
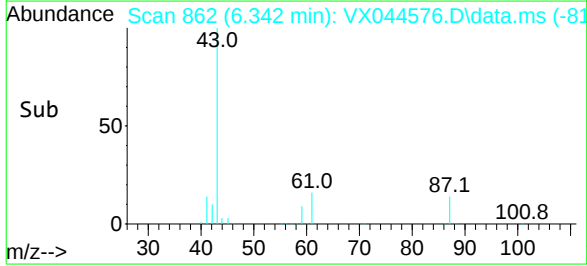
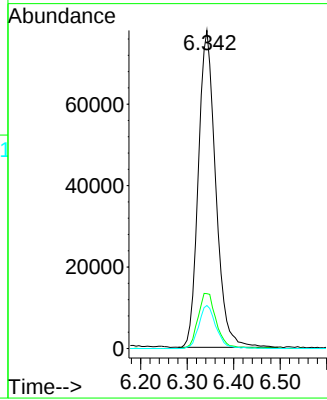
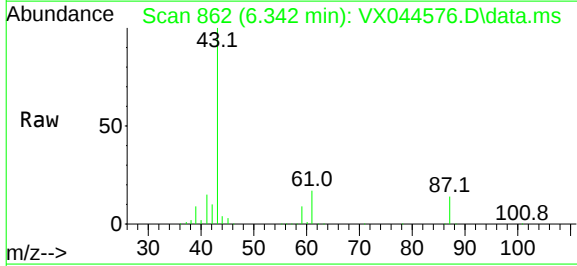
#43
Isopropyl Acetate
Concen: 51.693 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 201793
Ion Ratio Lower Upper
43 100
61 18.3 14.2 21.2
87 13.5 10.2 15.2

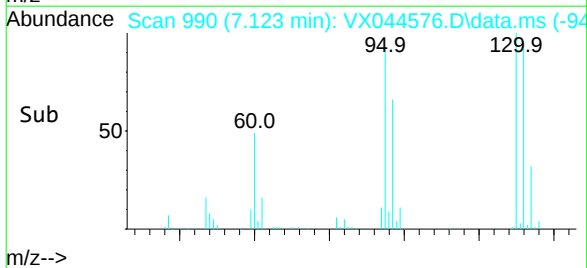
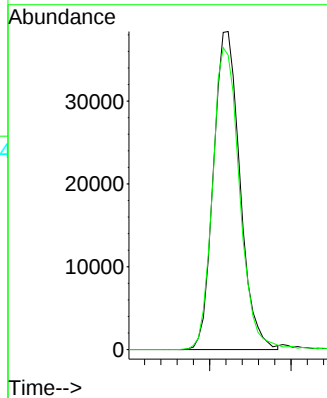
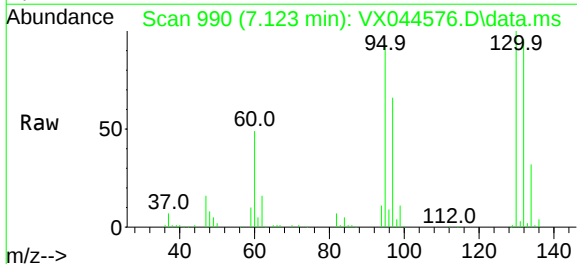
Manual Integrations
APPROVED

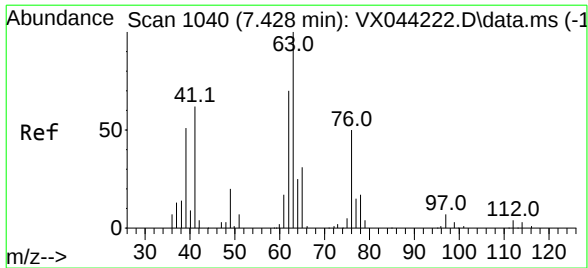
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#44
Trichloroethene
Concen: 56.695 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:130 Resp: 86732
Ion Ratio Lower Upper
130 100
95 92.6 0.0 201.4





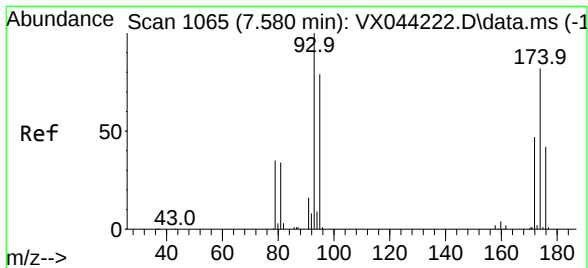
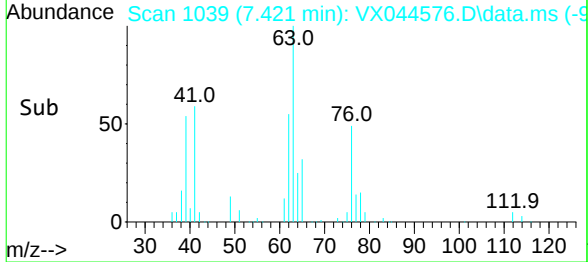
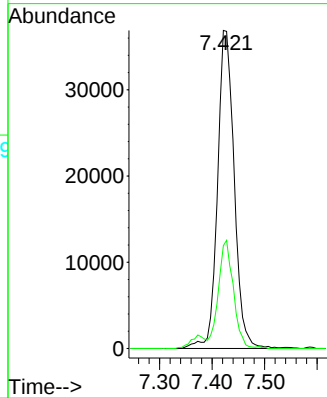
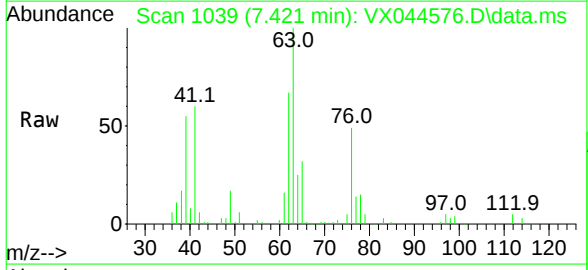
#45
1,2-Dichloropropane
Concen: 51.964 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 81441
Ion Ratio Lower Upper
63 100
65 32.4 24.6 37.0

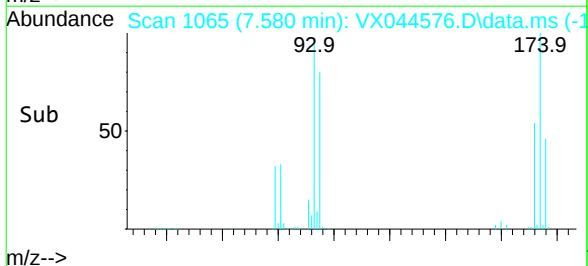
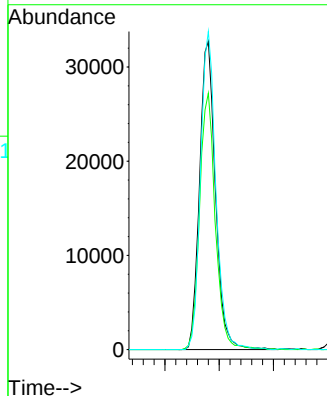
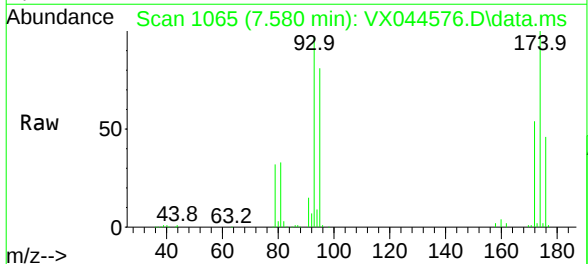
Manual Integrations
APPROVED

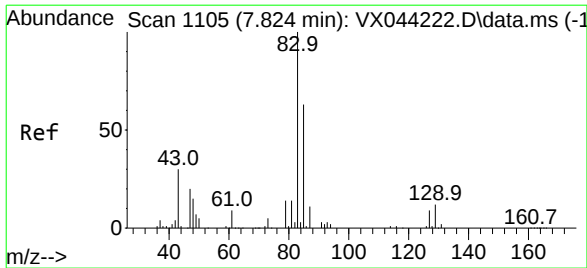
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 54.828 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 93 Resp: 66665
Ion Ratio Lower Upper
93 100
95 82.2 65.4 98.2
174 99.7 67.9 101.9





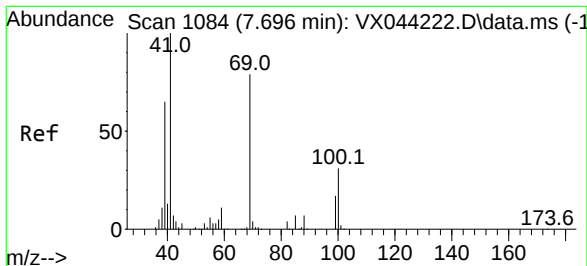
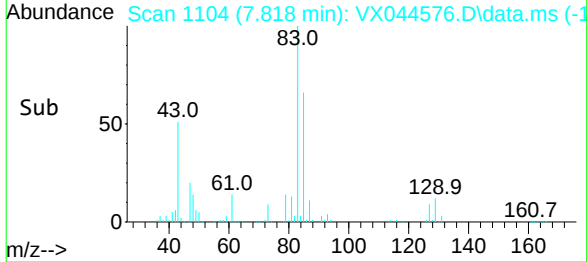
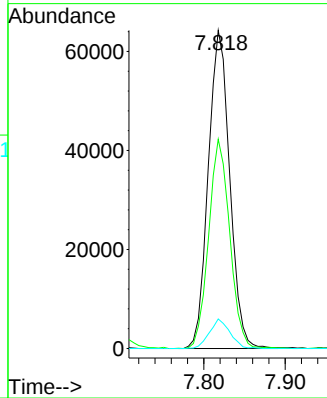
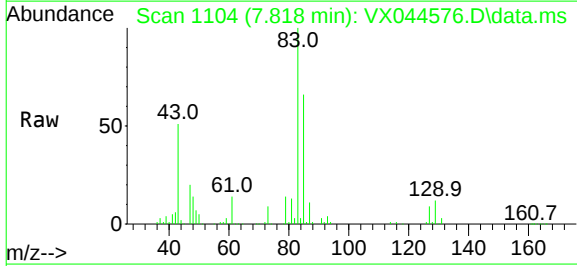
#47
Bromodichloromethane
Concen: 55.991 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 117575
Ion Ratio Lower Upper
83 100
85 65.7 50.6 75.8
127 9.3 7.3 10.9

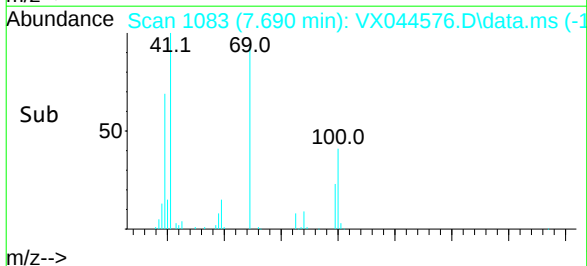
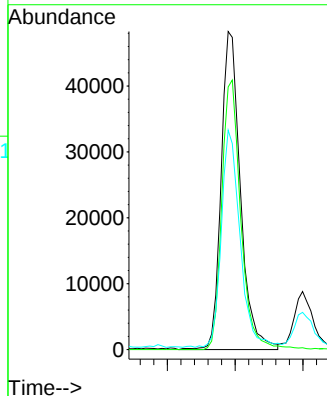
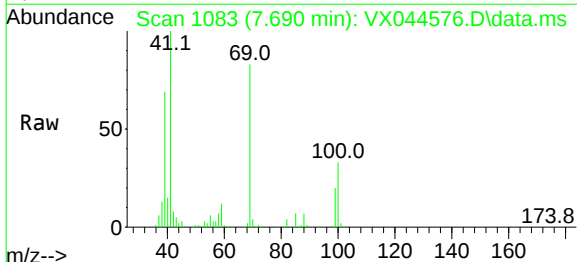
Manual Integrations
APPROVED

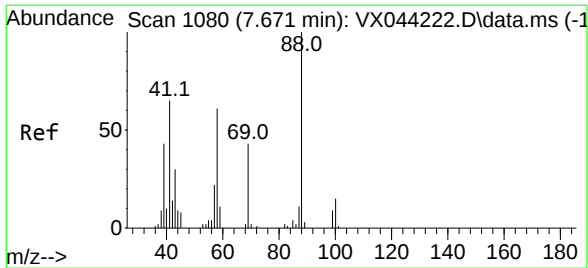
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 50.435 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

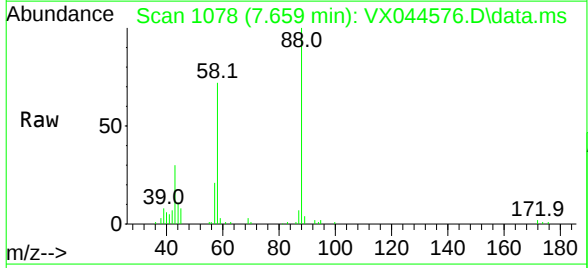
Tgt Ion: 41 Resp: 95572
Ion Ratio Lower Upper
41 100
69 83.4 62.4 93.6
39 66.0 53.3 79.9





#49
1,4-Dioxane
Concen: 872.476 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

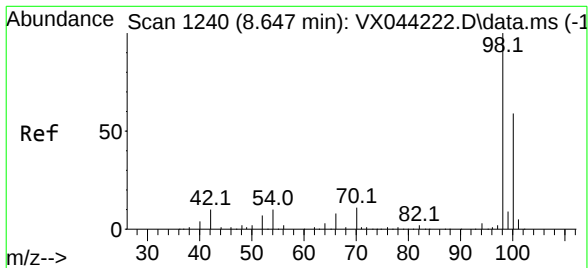
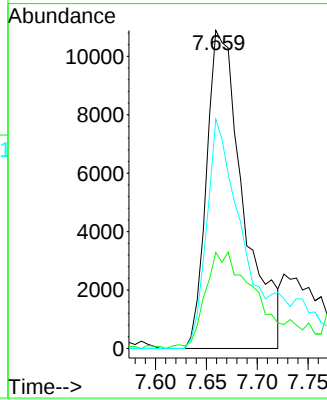
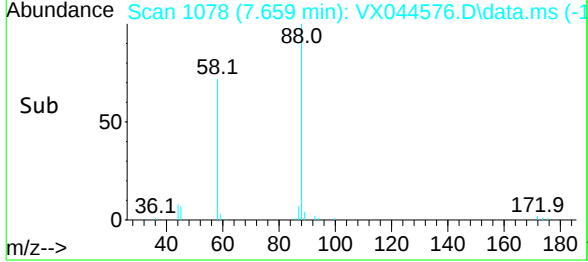
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 27411
Ion Ratio Lower Upper
88 100
43 46.2 27.1 40.7#
58 75.1 41.0 61.4#

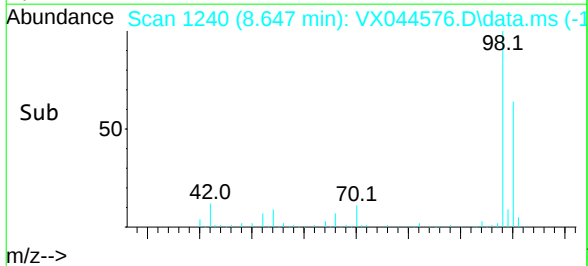
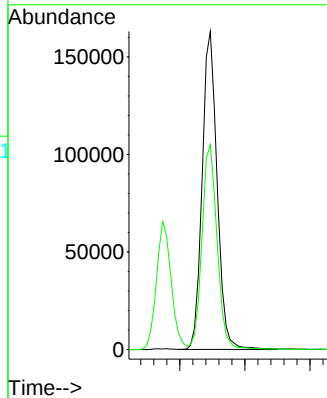
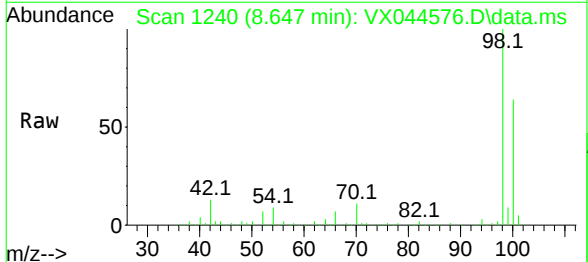
Manual Integrations
APPROVED

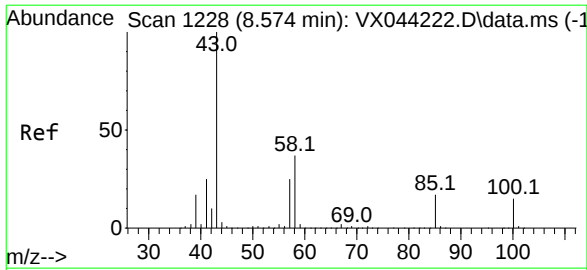
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 49.317 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 98 Resp: 260069
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3





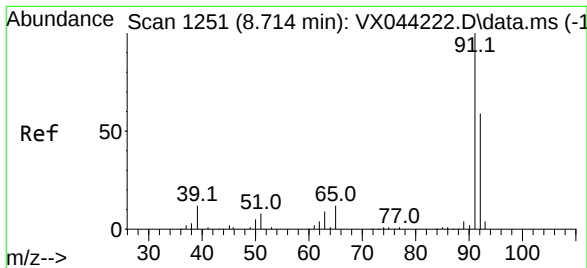
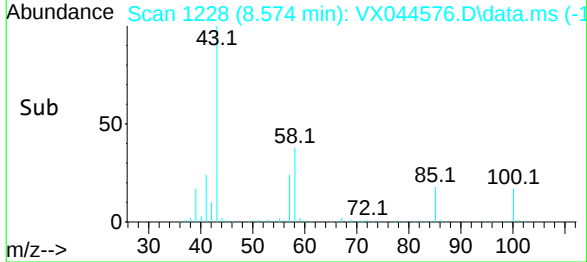
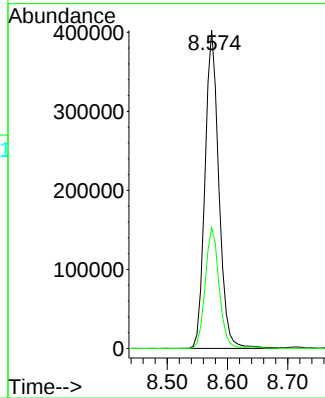
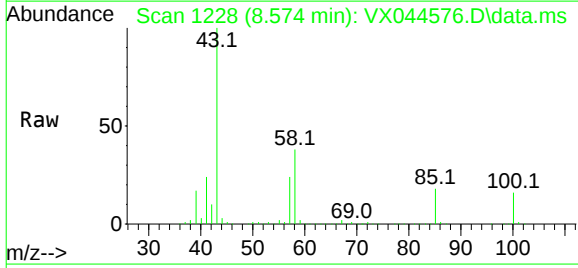
#51
4-Methyl-2-Pentanone
Concen: 255.503 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 641305
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.0

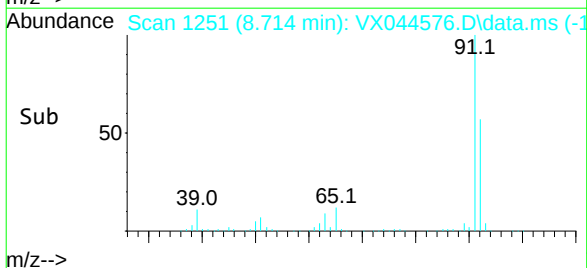
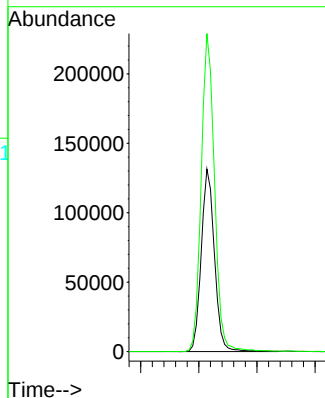
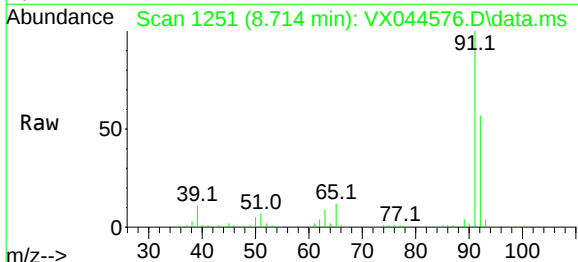
Manual Integrations
APPROVED

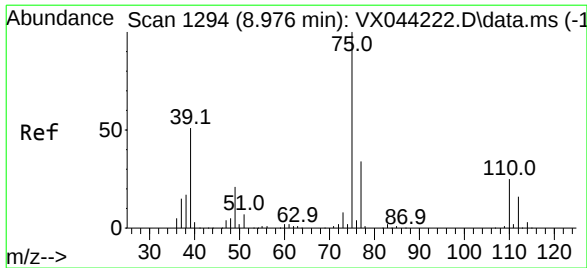
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 53.794 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

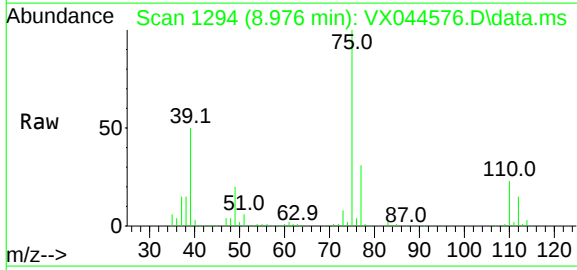
Tgt Ion: 92 Resp: 207232
Ion Ratio Lower Upper
92 100
91 175.6 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 52.328 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

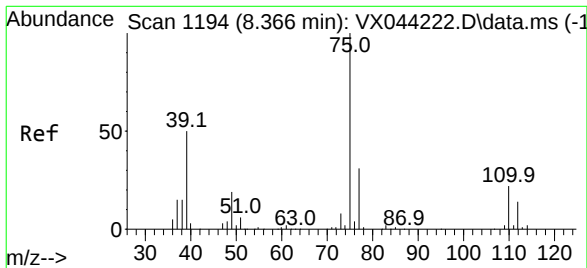
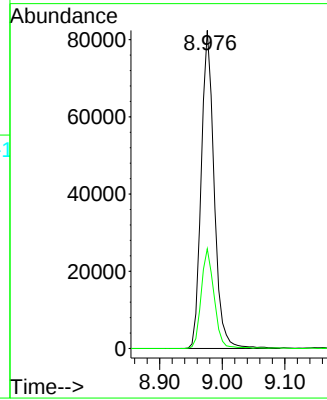
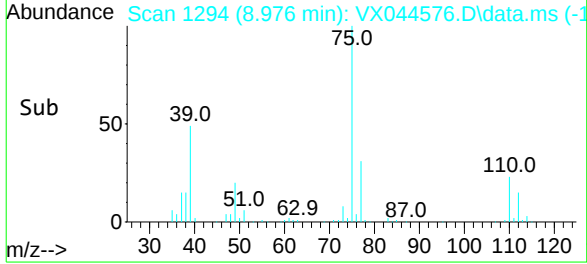
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



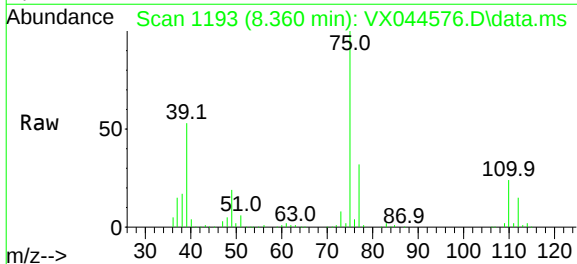
Tgt Ion: 75 Resp: 118338
Ion Ratio Lower Upper
75 100
77 31.3 27.2 40.8

Manual Integrations
APPROVED

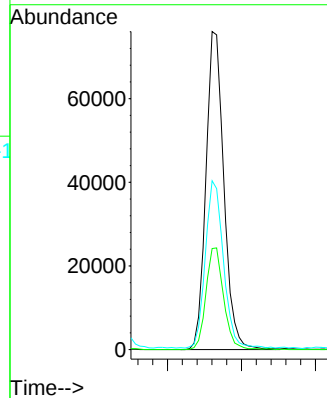
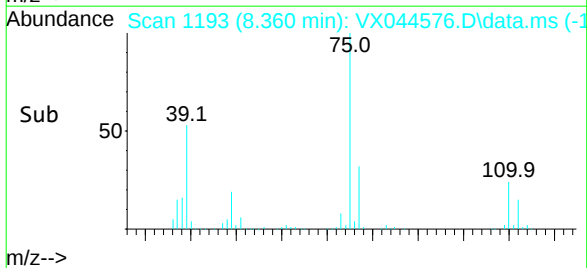
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

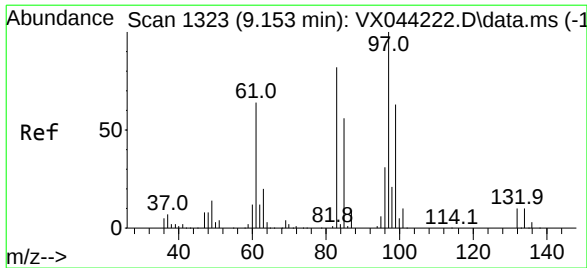


#54
cis-1,3-Dichloropropene
Concen: 56.041 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27



Tgt Ion: 75 Resp: 128135
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 52.5 40.3 60.5





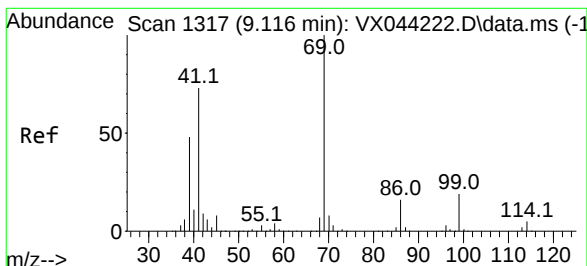
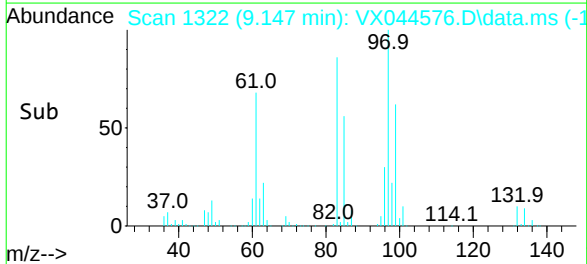
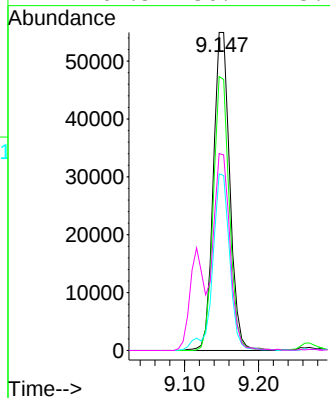
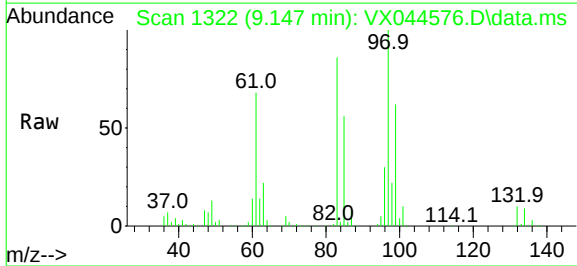
#55
1,1,2-Trichloroethane
Concen: 55.514 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 84959
Ion Ratio	Lower Upper
97 100	
83 86.1	65.3 97.9
85 55.5	44.6 67.0
99 61.5	50.2 75.2

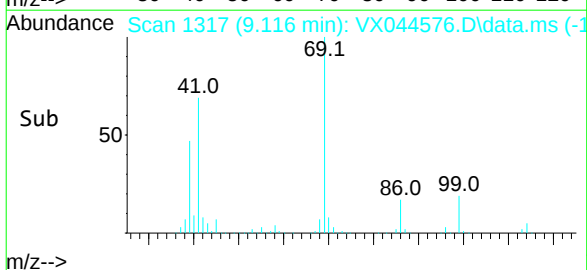
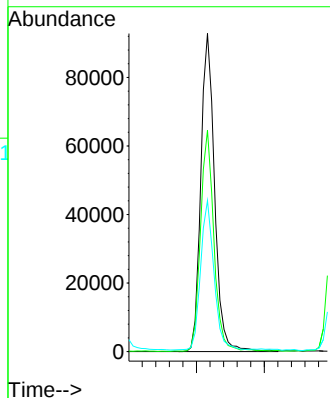
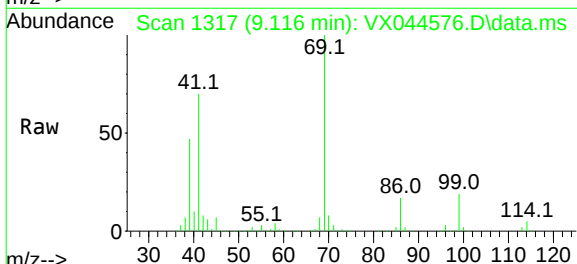
Manual Integrations
APPROVED

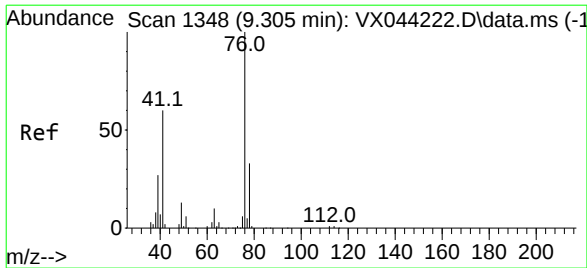
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#56
Ethyl methacrylate
Concen: 54.188 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 69	Resp: 130921
Ion Ratio	Lower Upper
69 100	
41 67.6	56.6 85.0
39 45.6	37.4 56.0





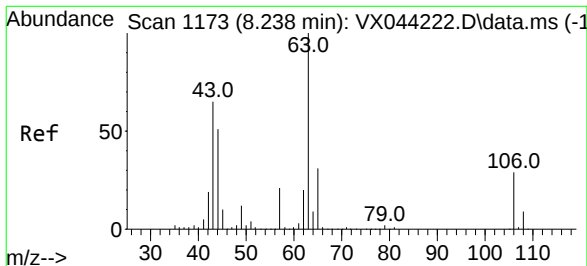
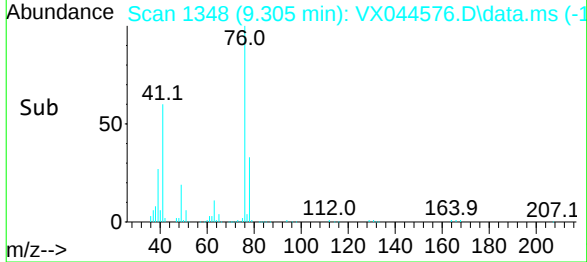
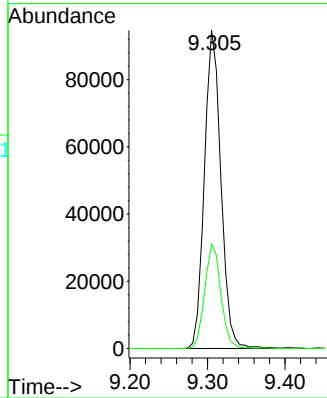
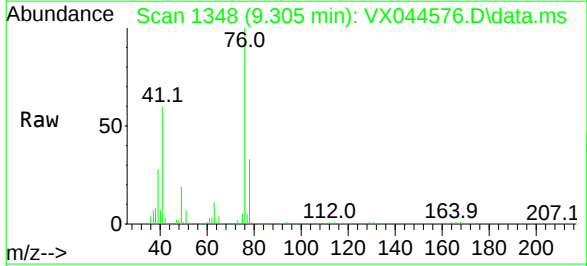
#57
1,3-Dichloropropane
Concen: 52.578 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 140059
Ion Ratio Lower Upper
76 100
78 32.1 26.5 39.7

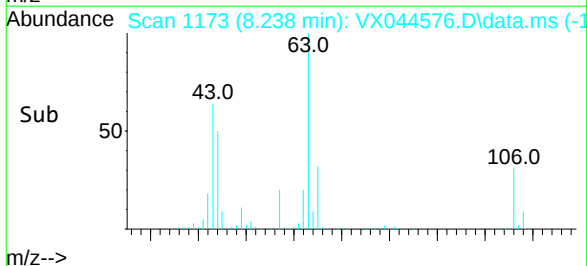
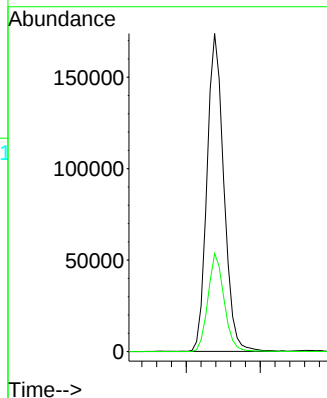
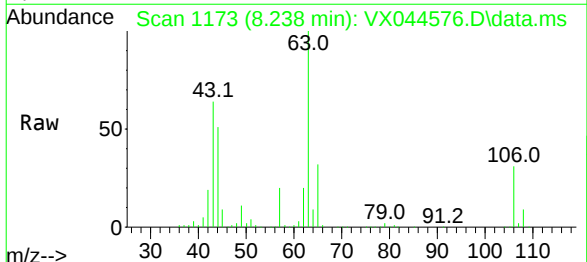
Manual Integrations
APPROVED

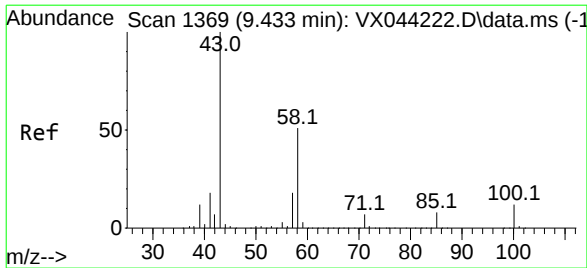
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 224.961 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 63 Resp: 274133
Ion Ratio Lower Upper
63 100
106 29.7 22.8 34.2





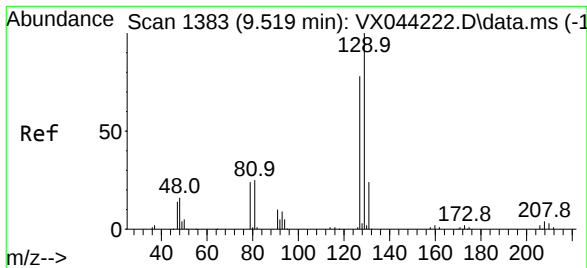
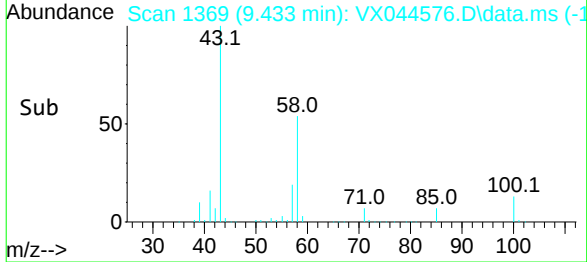
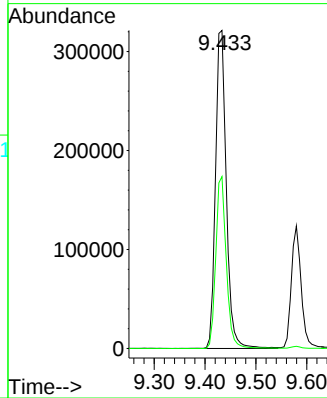
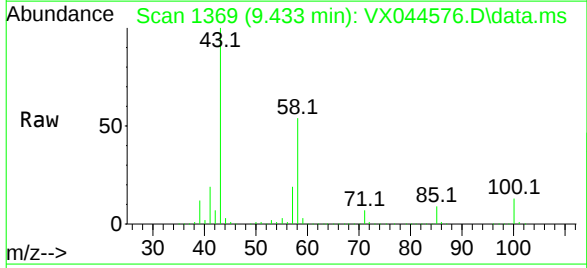
#59
2-Hexanone
Concen: 261.415 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 474933
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.0

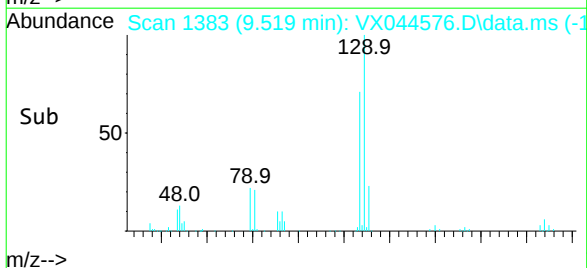
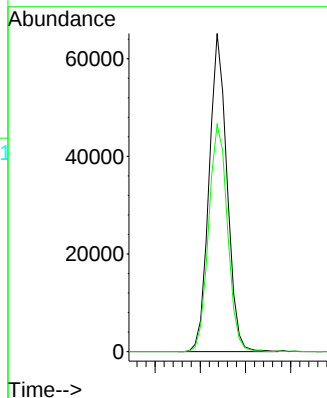
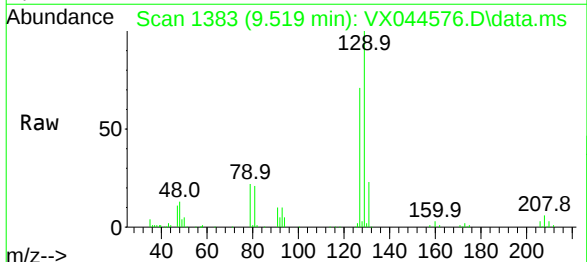
Manual Integrations
APPROVED

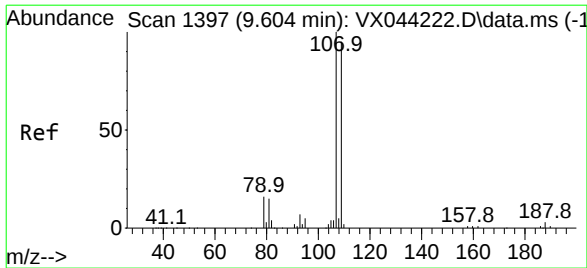
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 54.879 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

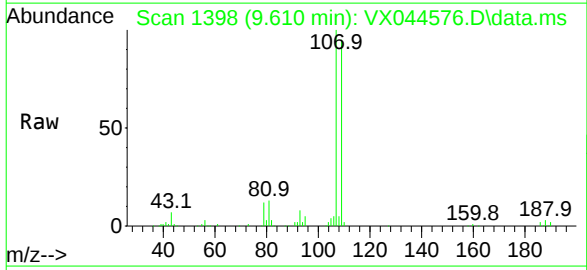
Tgt Ion:129 Resp: 89535
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 57.798 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

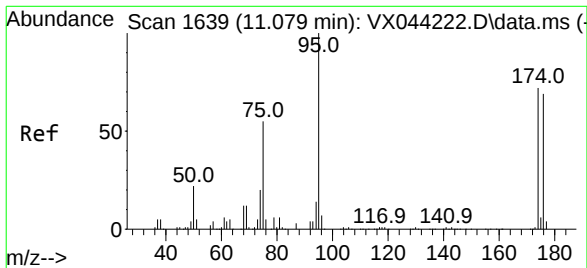
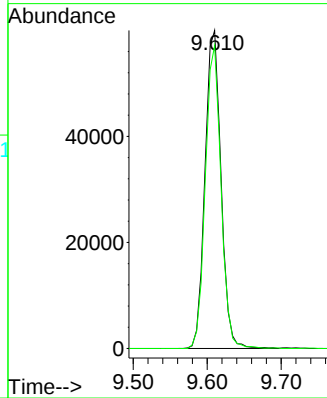
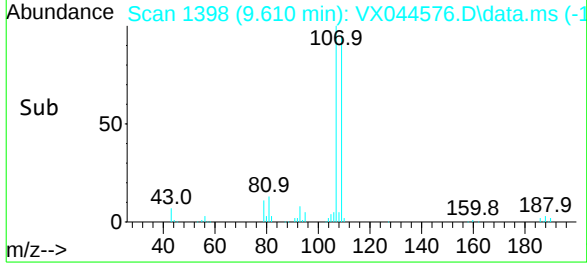
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



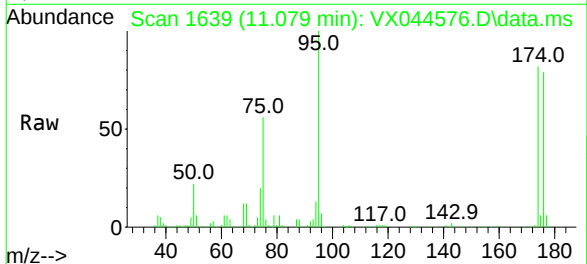
Tgt Ion: 107 Resp: 90037
Ion Ratio Lower Upper
107 100
109 93.4 77.0 115.4

Manual Integrations
APPROVED

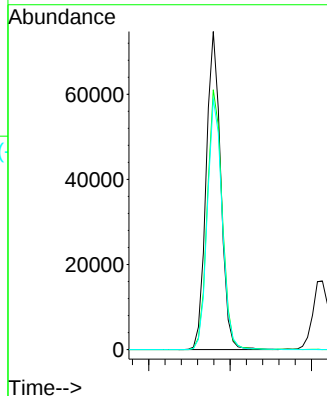
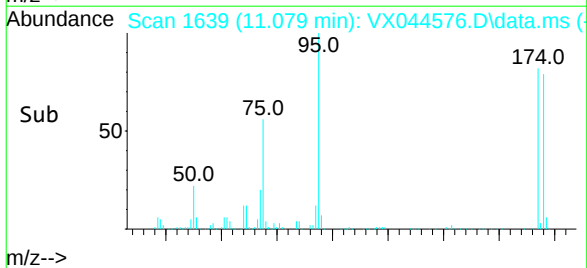
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025

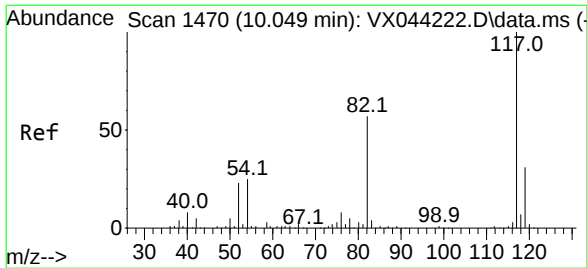


#62
4-Bromofluorobenzene
Concen: 50.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27



Tgt Ion: 95 Resp: 92627
Ion Ratio Lower Upper
95 100
174 83.7 0.0 145.8
176 80.2 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

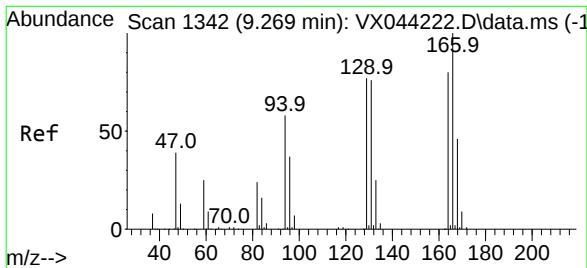
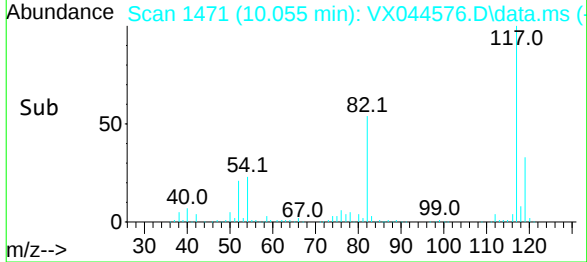
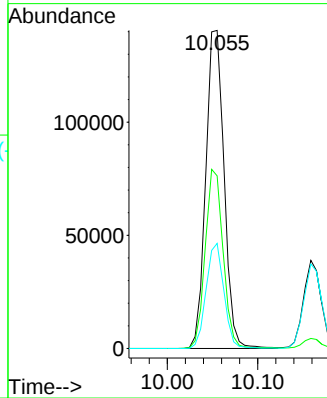
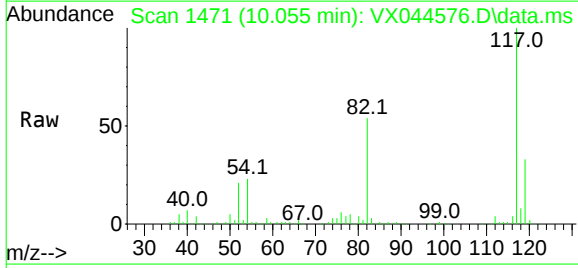
Tgt Ion:	117	Resp:	198399
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.8	68.8
119	33.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#64

Tetrachloroethene

Concen: 59.260 ug/l

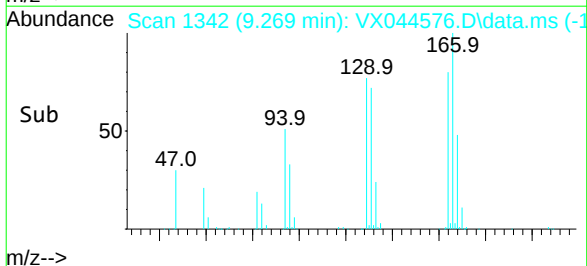
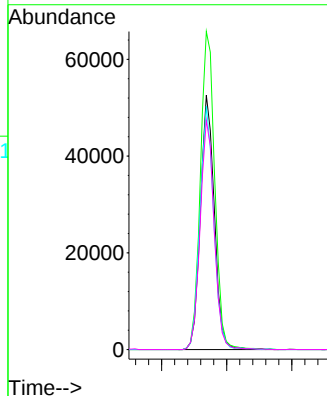
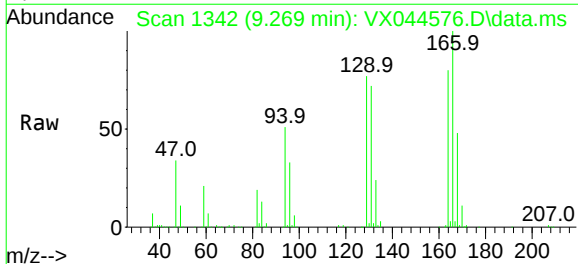
RT: 9.269 min Scan# 1342

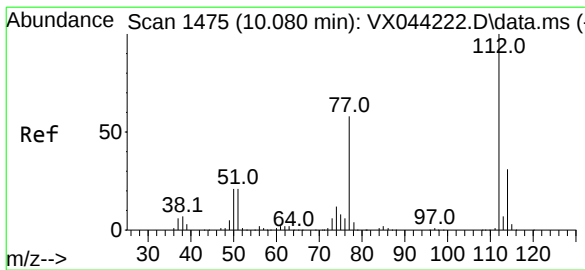
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	164	Resp:	78034
Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.4	150.6
129	95.7	77.2	115.8
131	90.2	76.2	114.2





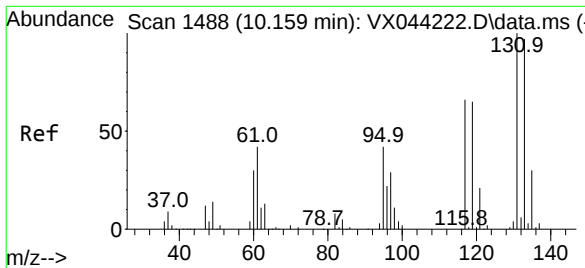
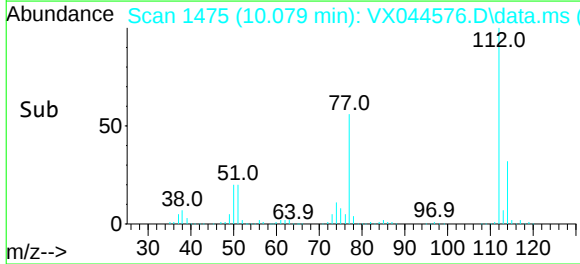
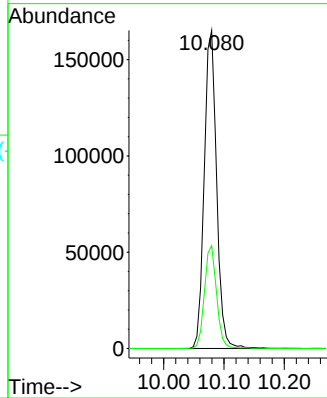
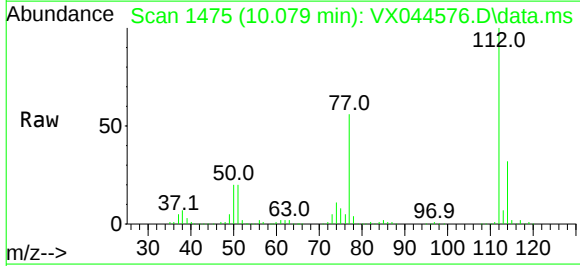
#65
Chlorobenzene
Concen: 55.285 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 235032
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

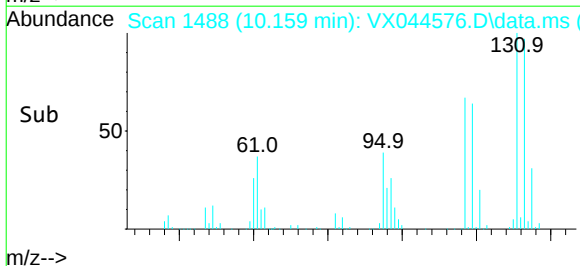
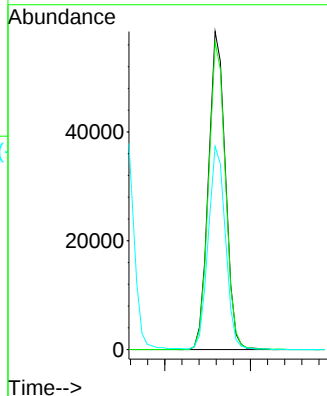
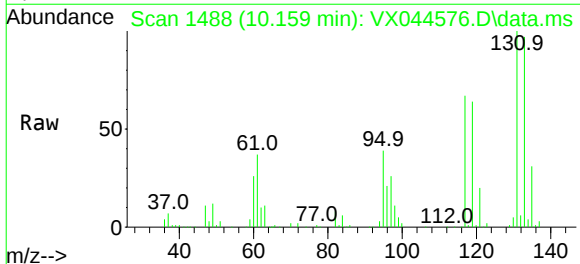
Manual Integrations
APPROVED

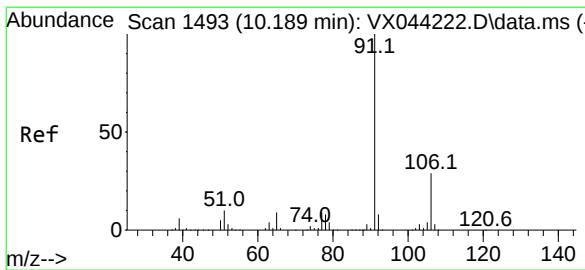
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 58.664 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

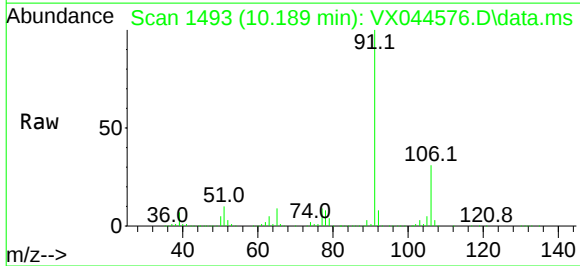
Tgt Ion:131 Resp: 80153
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 64.9 31.6 95.0





#67
Ethyl Benzene
Concen: 54.478 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

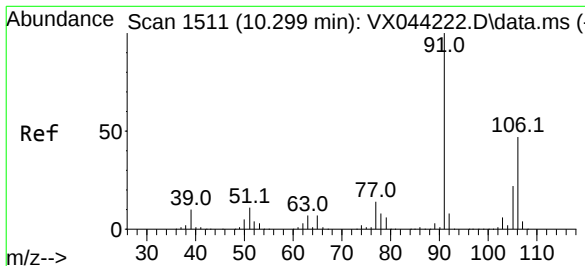
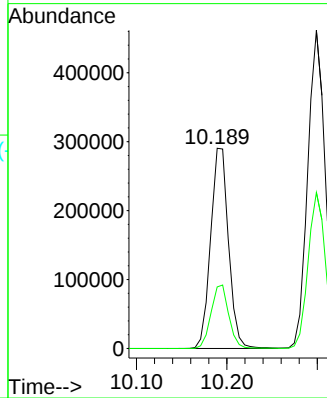
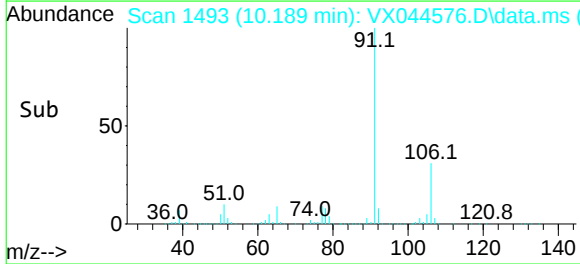
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 400163
Ion Ratio Lower Upper
91 100
106 30.7 23.5 35.3

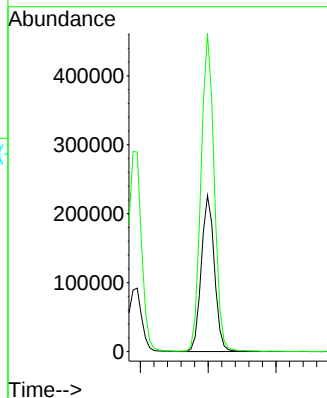
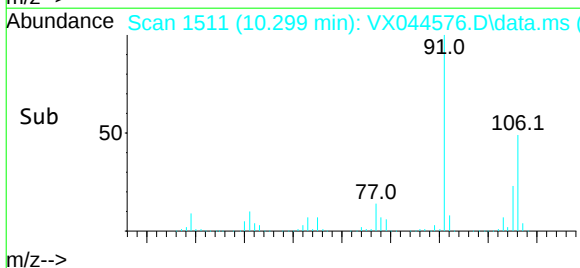
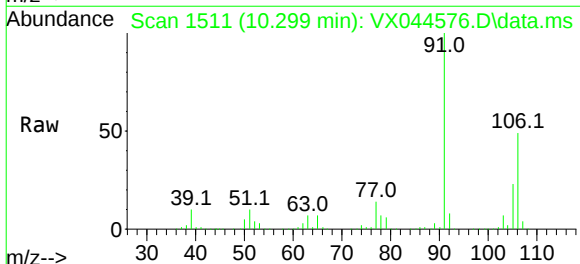
Manual Integrations
APPROVED

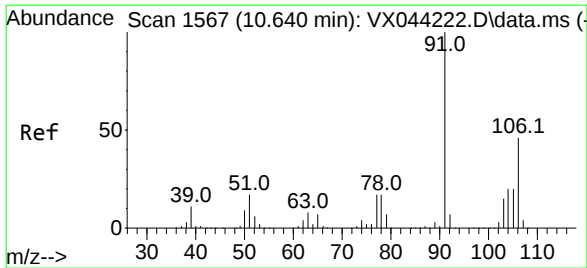
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#68
m/p-Xylenes
Concen: 112.691 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:106 Resp: 303741
Ion Ratio Lower Upper
106 100
91 205.0 170.2 255.2





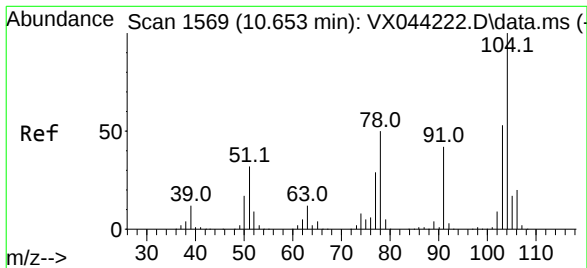
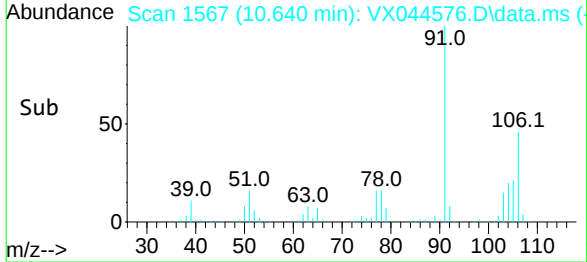
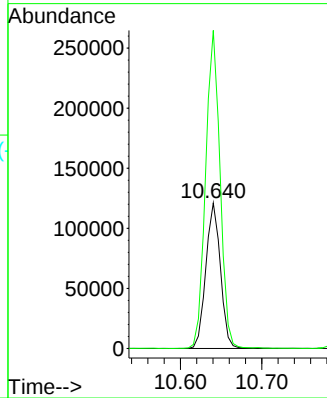
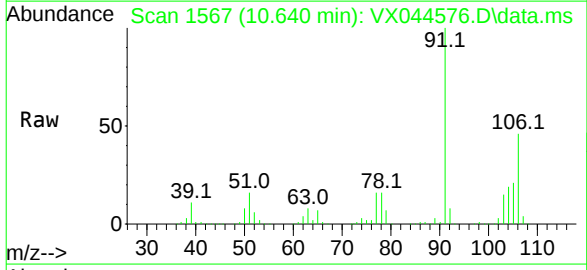
#69
o-Xylene
Concen: 55.227 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 150613
Ion Ratio Lower Upper
106 100
91 216.7 112.3 337.0

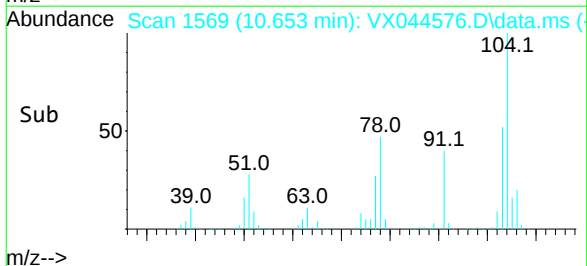
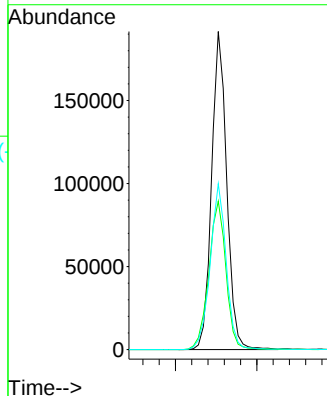
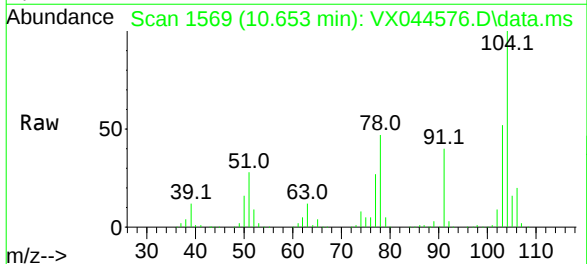
Manual Integrations
APPROVED

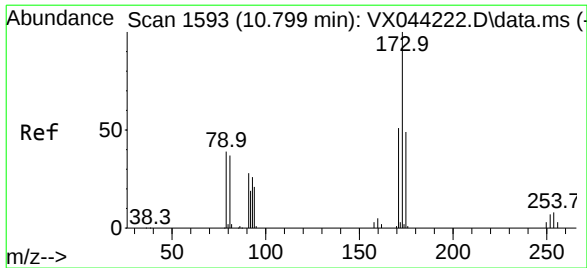
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 56.647 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion:104 Resp: 247655
Ion Ratio Lower Upper
104 100
78 52.8 44.6 67.0
103 55.5 45.4 68.0





#71

Bromoform

Concen: 57.985 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

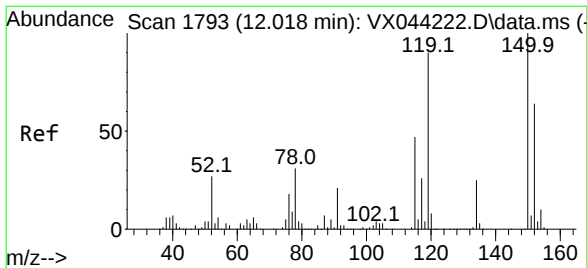
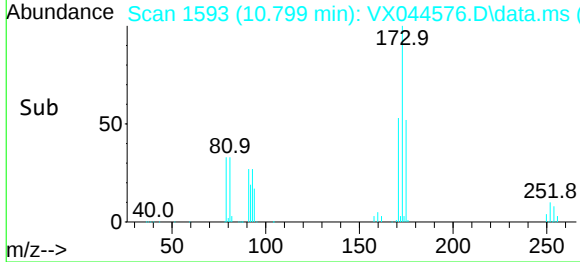
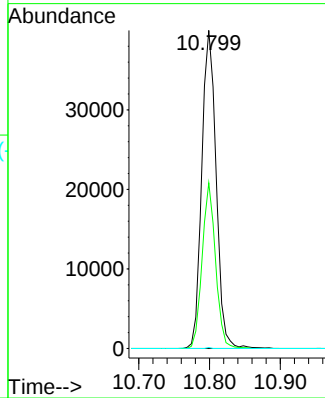
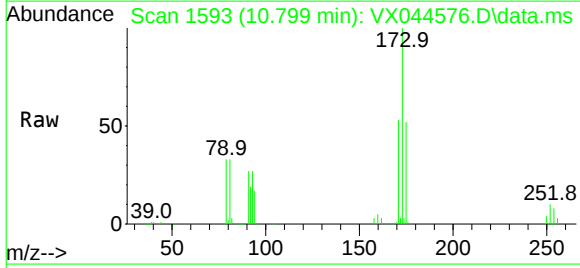
Tgt Ion:	173	Resp:	56502
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.8	71.4
254	0.1	0.0	0.0

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

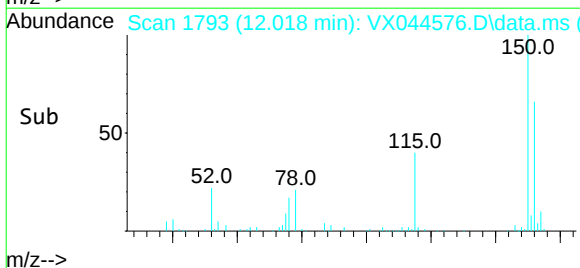
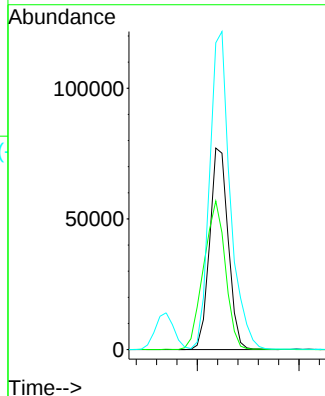
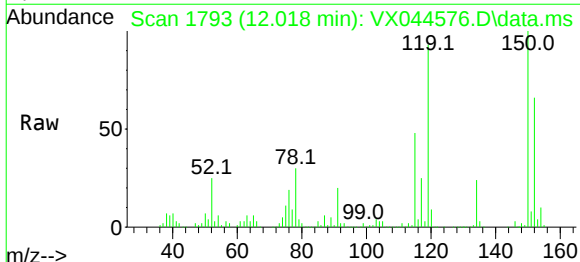
RT: 12.018 min Scan# 1793

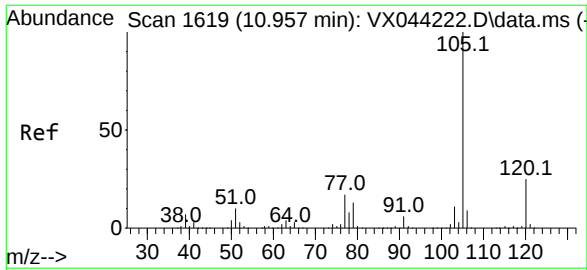
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	152	Resp:	97576
Ion Ratio	Lower	Upper	
152	100		
115	86.7	44.5	133.3
150	175.5	0.0	353.8





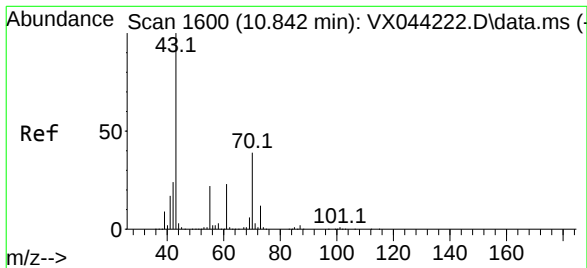
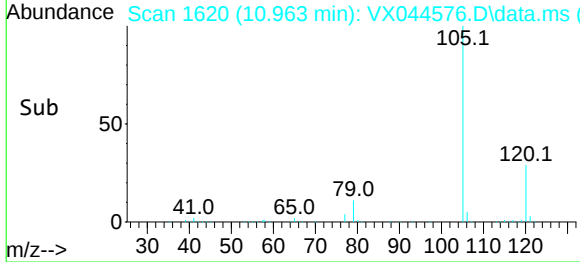
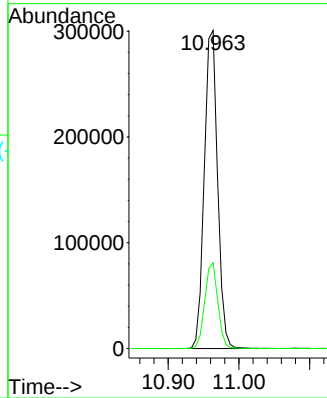
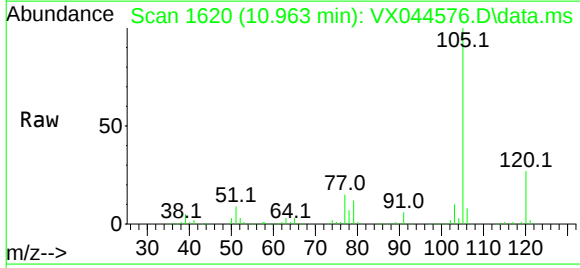
#73
Isopropylbenzene
Concen: 52.604 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 392941
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

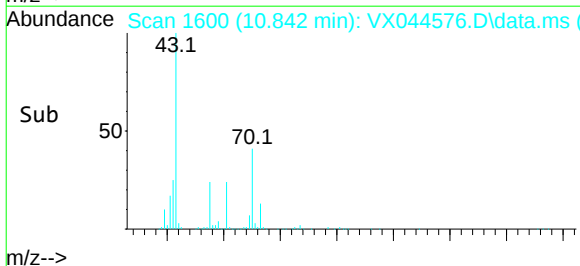
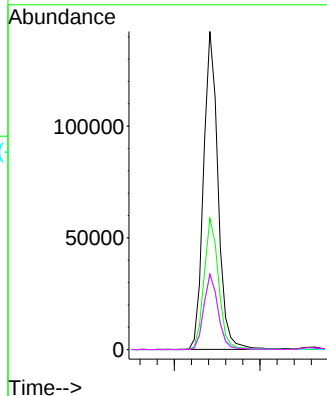
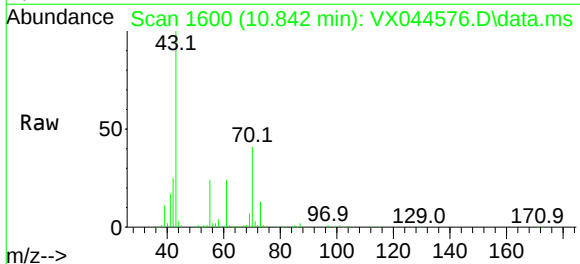
Manual Integrations
APPROVED

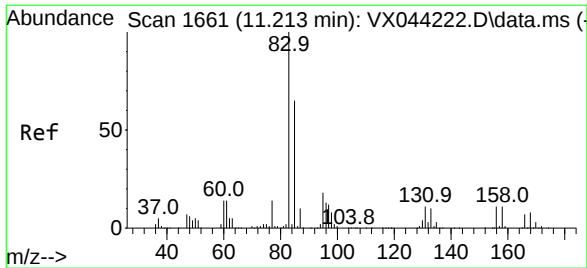
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#74
N-ethyl acetate
Concen: 48.422 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 43 Resp: 167165
Ion Ratio Lower Upper
43 100
70 41.7 31.9 47.9
55 24.1 17.9 26.9
61 23.5 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.378 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

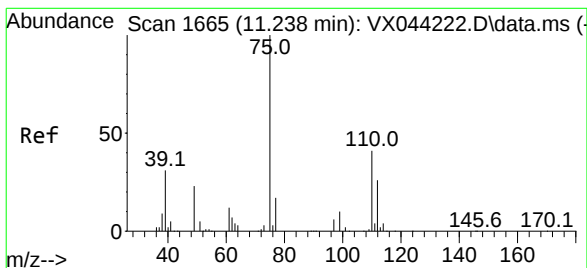
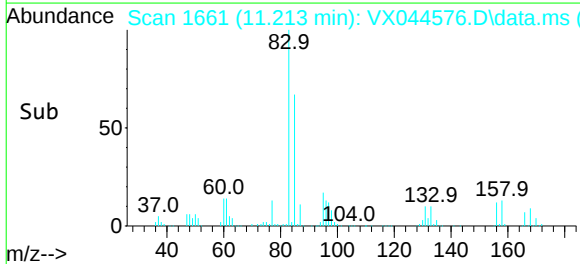
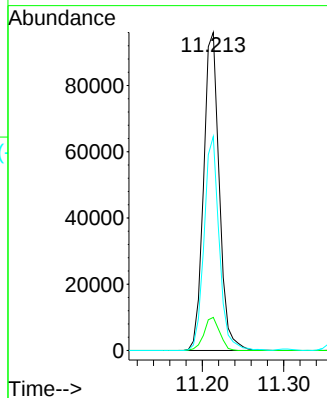
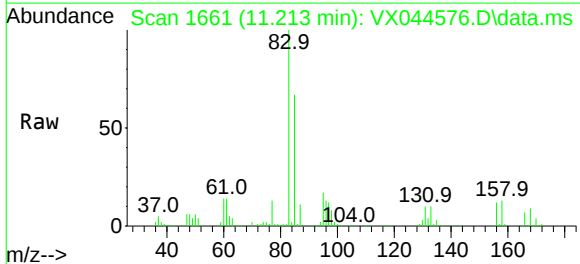
Tgt Ion:	83	Resp:	128112
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	65.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#76

1,2,3-Trichloropropane

Concen: 48.059 ug/l m

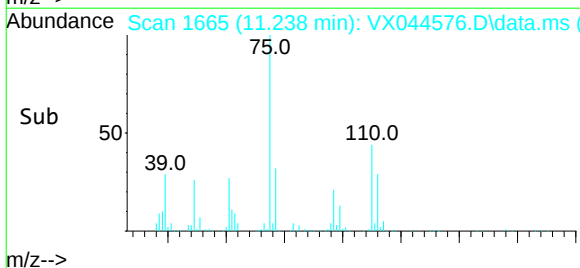
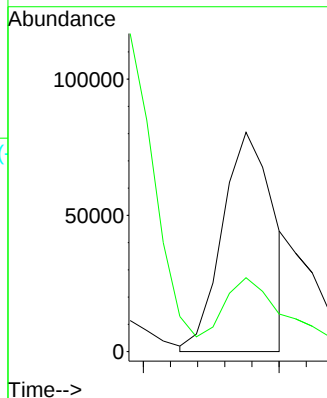
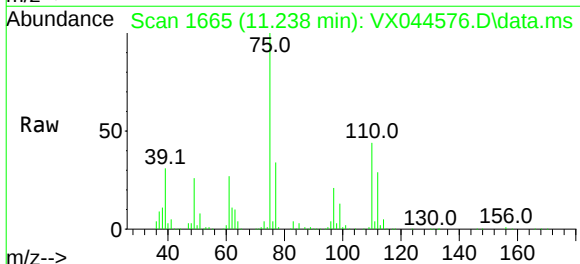
RT: 11.238 min Scan# 1665

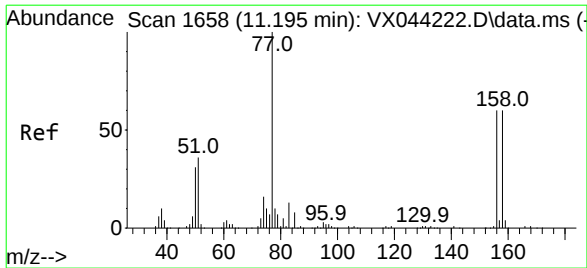
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	75	Resp:	104703
Ion	Ratio	Lower	Upper
75	100		
77	42.6	20.9	62.7





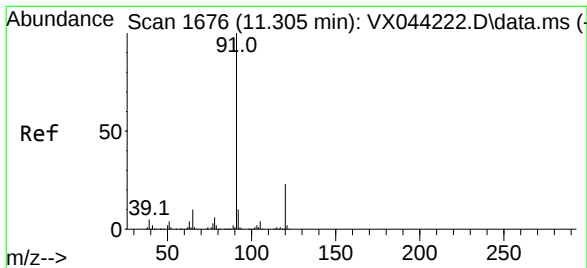
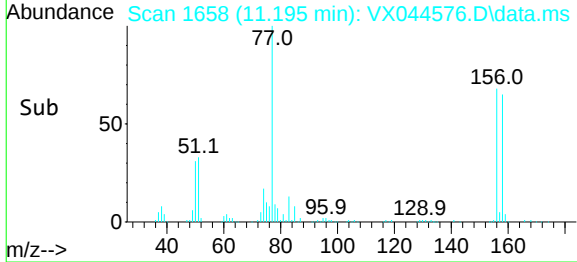
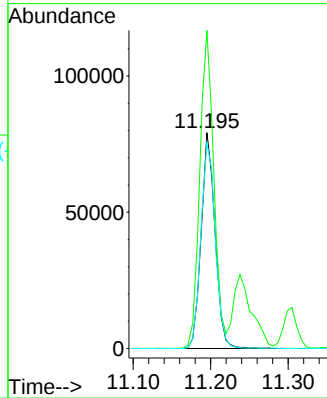
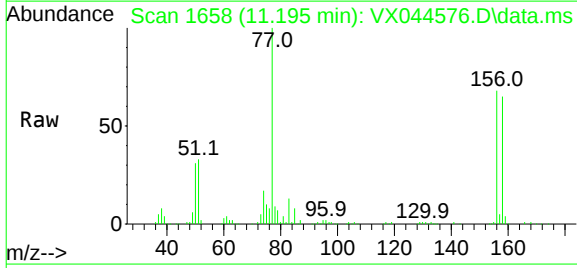
#77
Bromobenzene
Concen: 54.204 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 98184
Ion Ratio Lower Upper
156 100
77 149.6 82.6 247.8
158 99.7 48.8 146.4

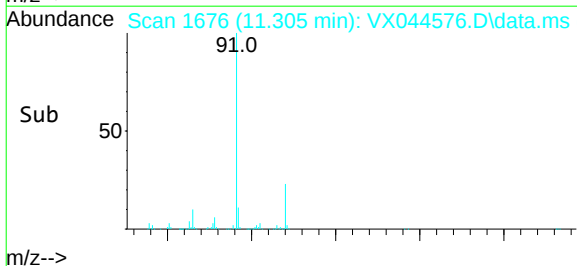
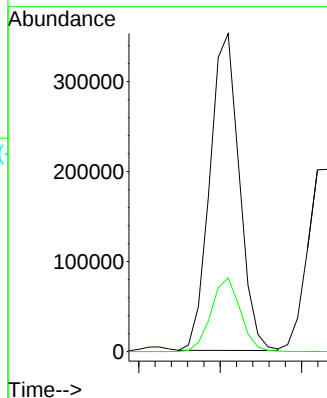
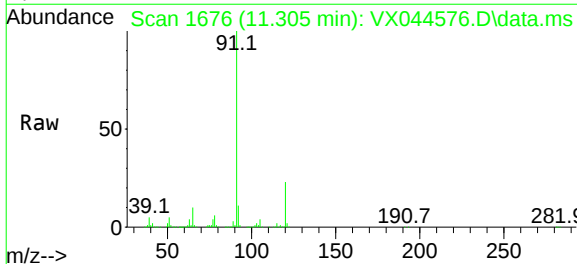
Manual Integrations
APPROVED

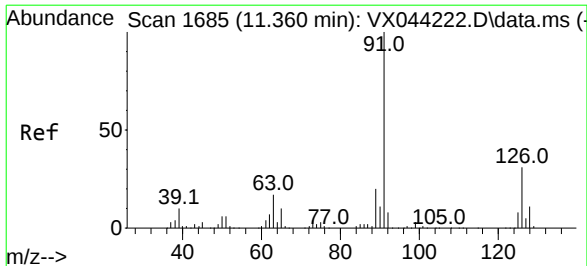
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 53.620 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 91 Resp: 442694
Ion Ratio Lower Upper
91 100
120 23.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.746 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 265615

Ion Ratio Lower Upper

91 100

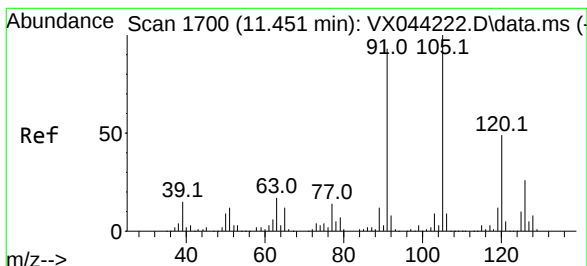
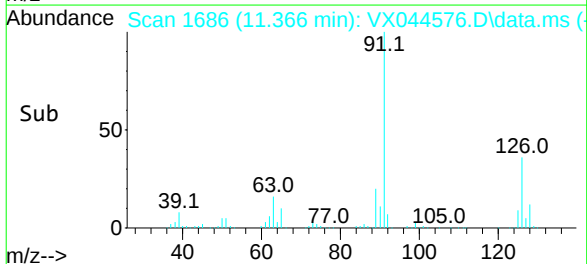
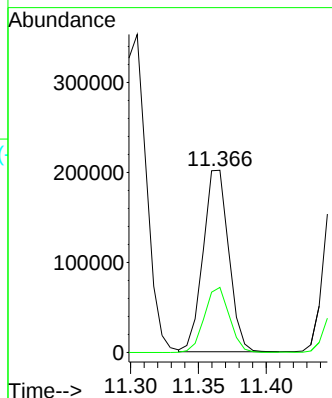
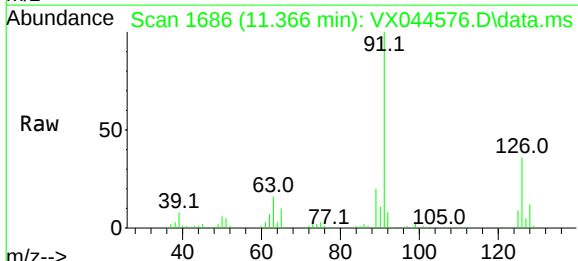
126 35.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 52.153 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044576.D

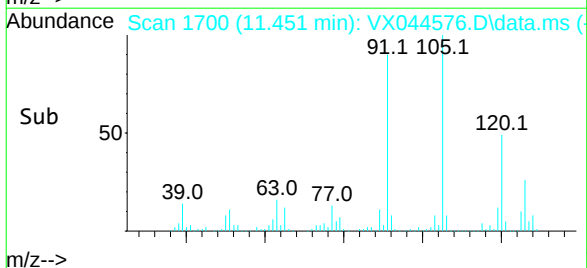
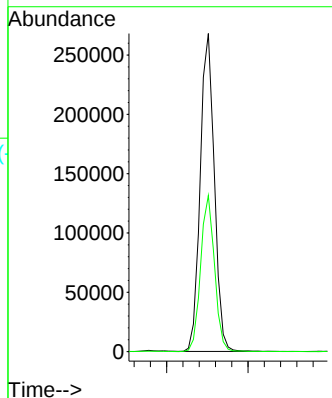
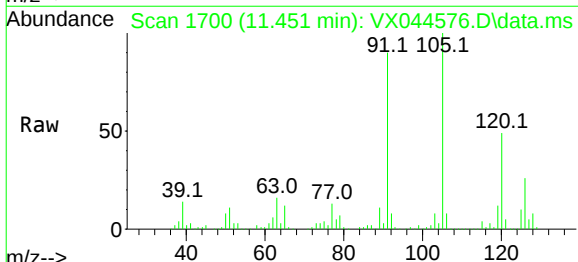
Acq: 31 Dec 2024 13:27

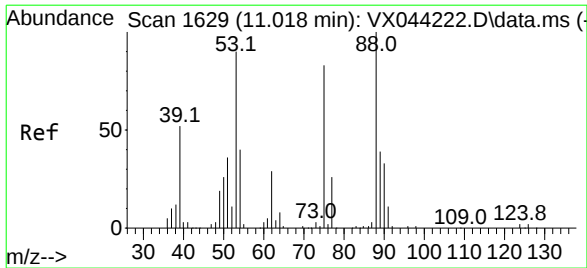
Tgt Ion:105 Resp: 323069

Ion Ratio Lower Upper

105 100

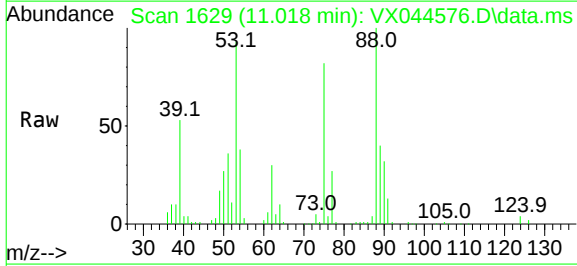
120 48.4 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 45.297 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

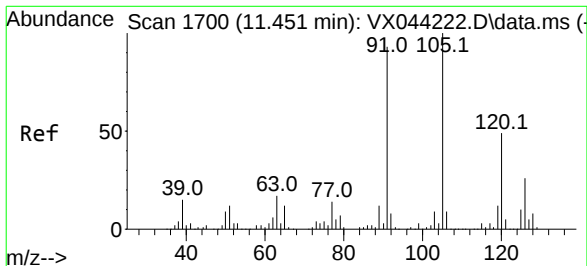
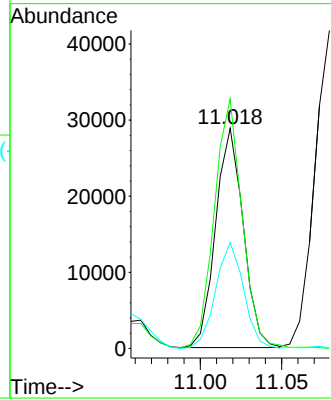
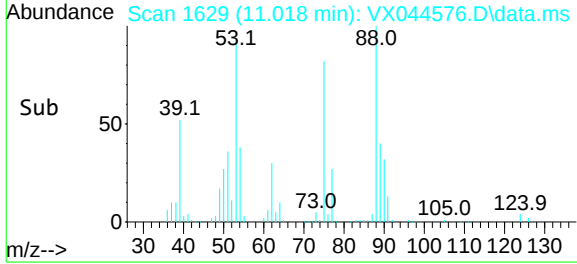
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



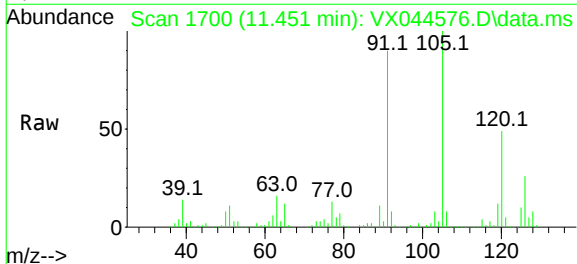
Tgt Ion: 75 Resp: 33996
Ion Ratio Lower Upper
75 100
53 115.3 93.6 140.4
89 49.3 37.3 55.9

Manual Integrations
APPROVED

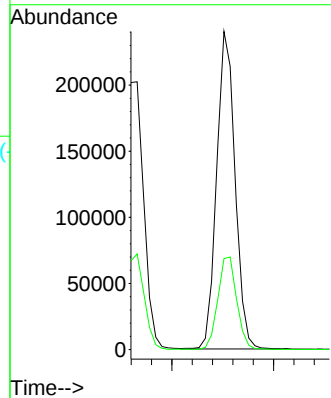
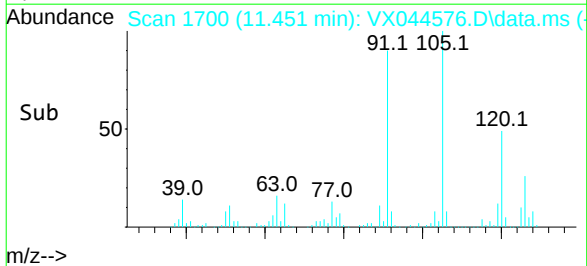
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

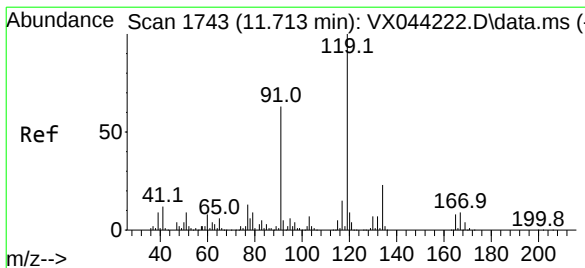


#82
4-Chlorotoluene
Concen: 51.045 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27



Tgt Ion: 91 Resp: 301813
Ion Ratio Lower Upper
91 100
126 30.1 14.5 43.5





#83

tert-Butylbenzene

Concen: 53.267 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

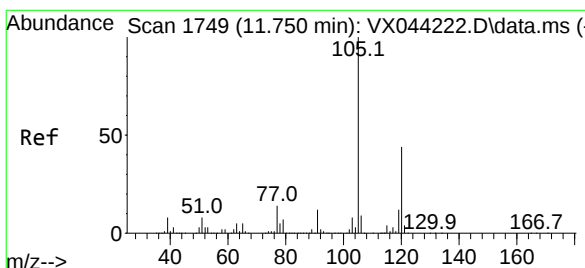
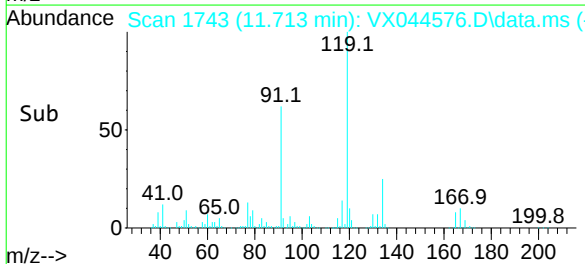
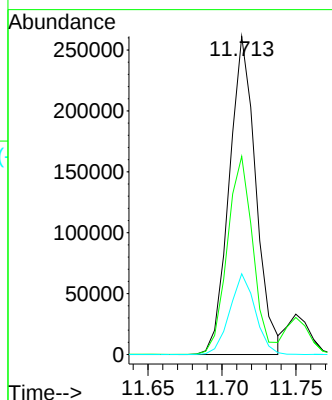
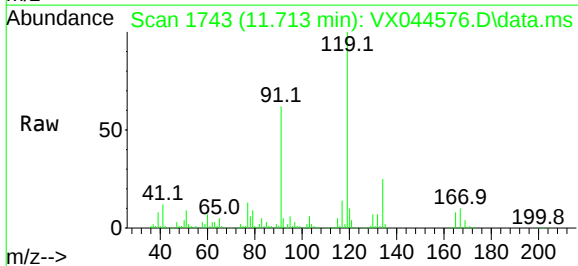
Tgt Ion:	119	Resp:	326099
Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.9	92.5
134	24.3	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.774 ug/l

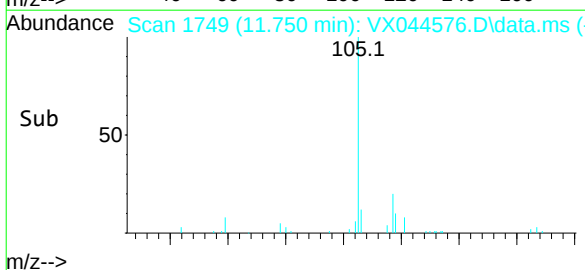
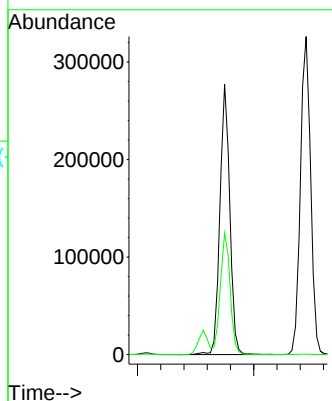
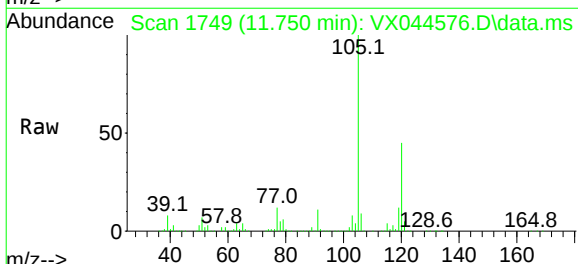
RT: 11.750 min Scan# 1749

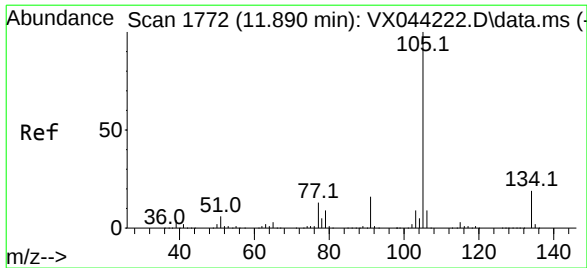
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	105	Resp:	327138
Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.7	65.1





#85

sec-Butylbenzene

Concen: 53.507 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 397663

Ion Ratio Lower Upper

105 100

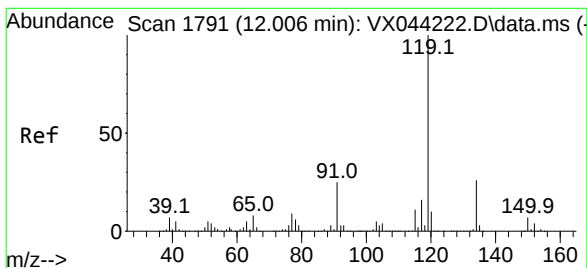
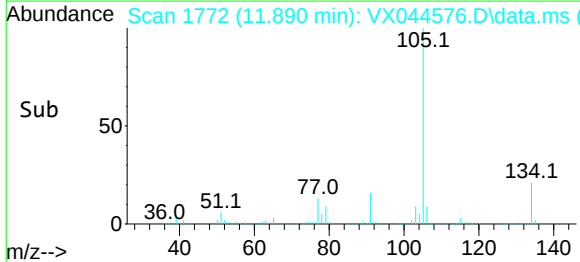
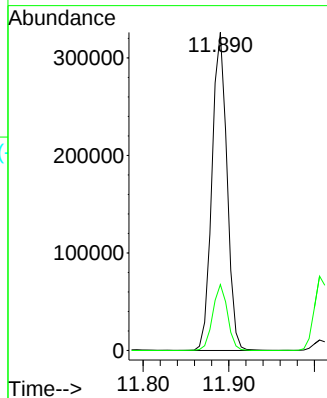
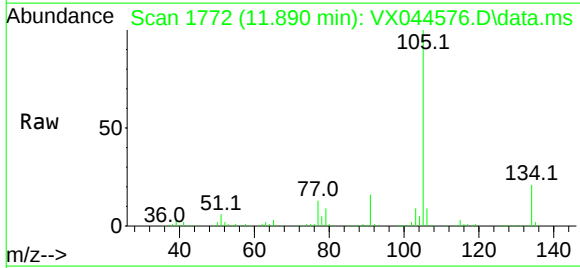
134 20.4 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#86

p-Isopropyltoluene

Concen: 55.160 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

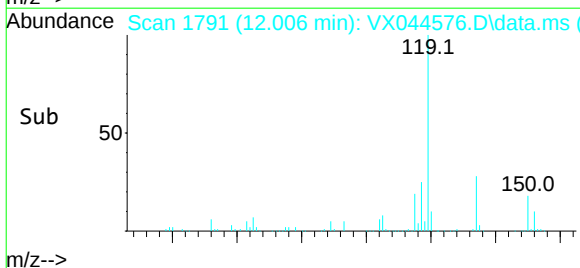
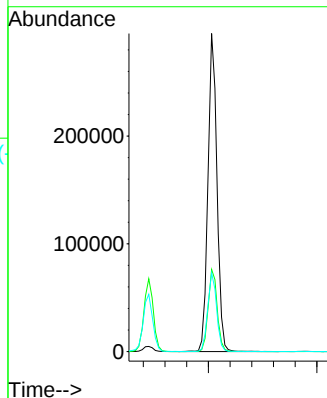
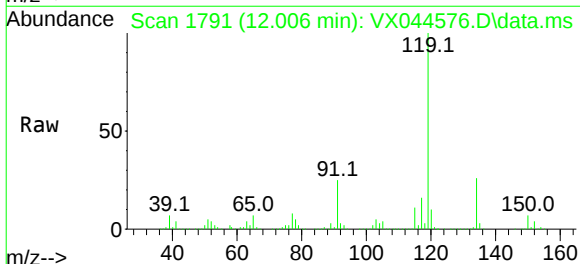
Tgt Ion:119 Resp: 341208

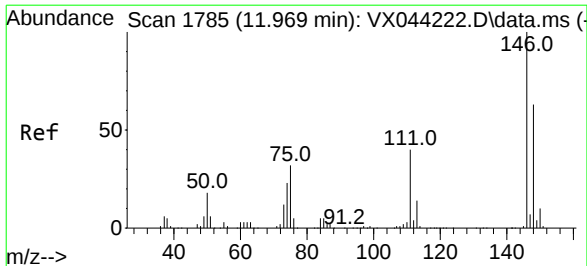
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 55.573 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

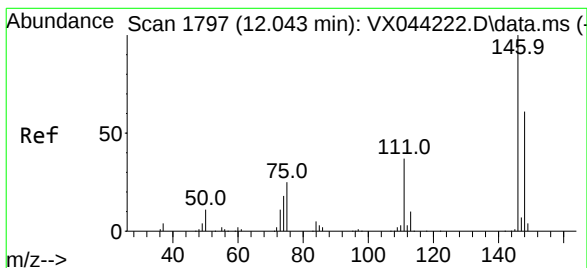
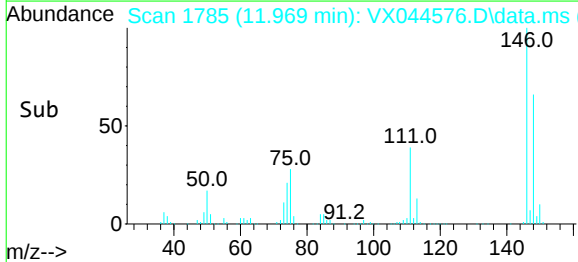
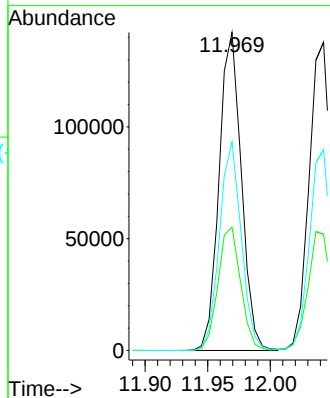
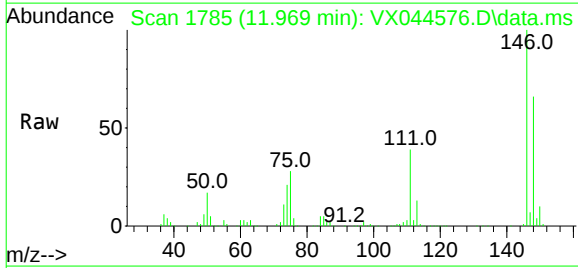
Tgt Ion:	146	Resp:	175836
Ion Ratio	Lower	Upper	
146	100		
111	39.6	21.4	64.2
148	64.6	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#88

1,4-Dichlorobenzene

Concen: 54.125 ug/l

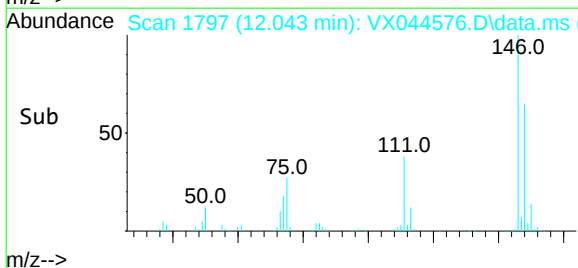
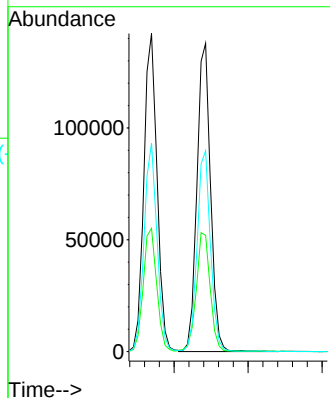
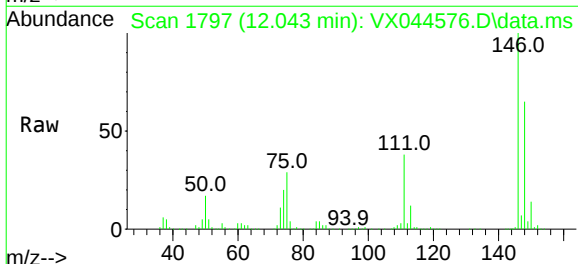
RT: 12.043 min Scan# 1797

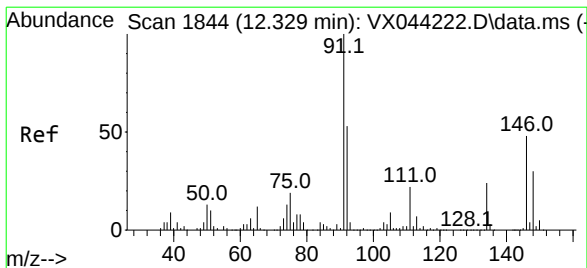
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	146	Resp:	176047
Ion Ratio	Lower	Upper	
146	100		
111	39.3	21.0	63.0
148	63.5	32.3	96.8





#89

n-Butylbenzene

Concen: 54.712 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

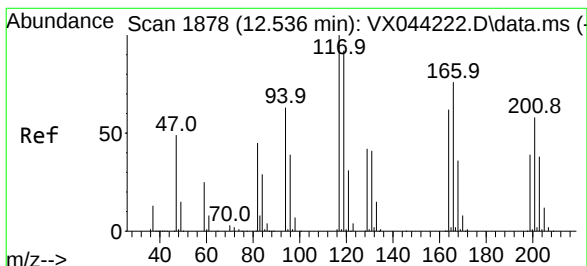
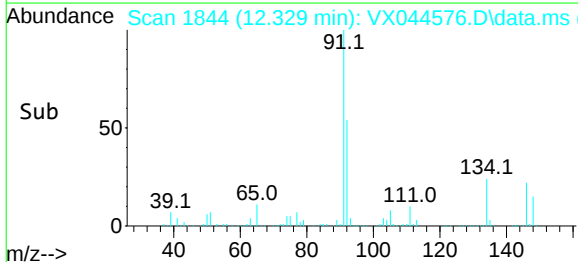
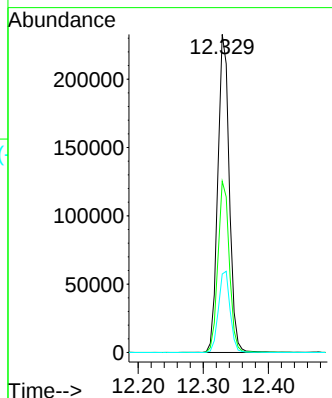
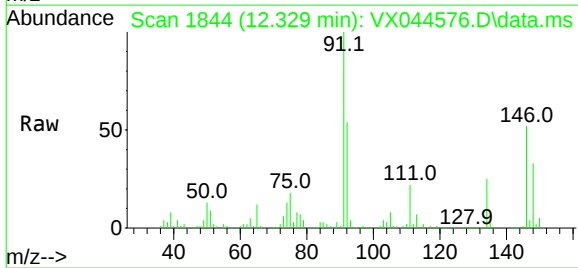
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	284584
Ion Ratio	Lower	Upper	
91	100		
92	53.5	26.6	79.7
134	25.8	12.6	37.8

Manual Integrations
APPROVED

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



#90

Hexachloroethane

Concen: 56.776 ug/l

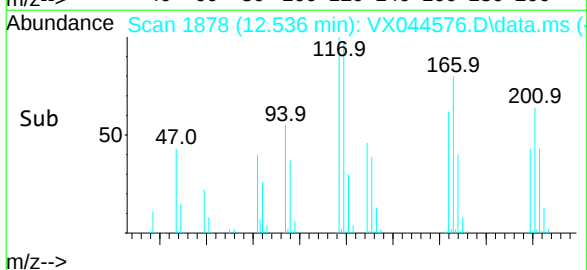
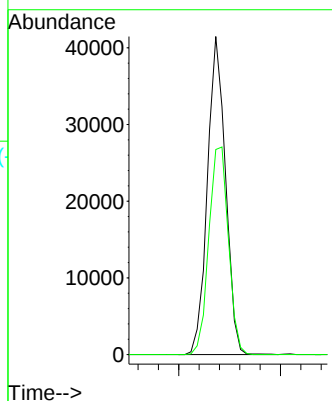
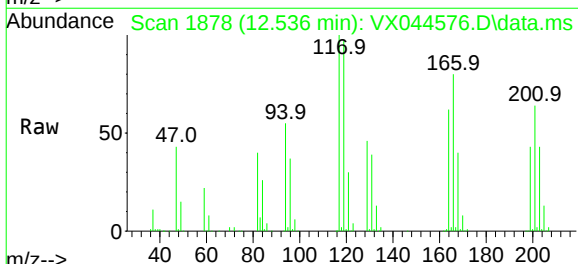
RT: 12.536 min Scan# 1878

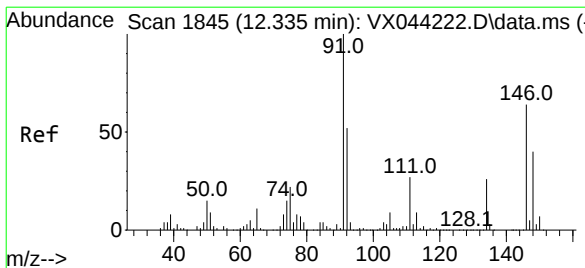
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

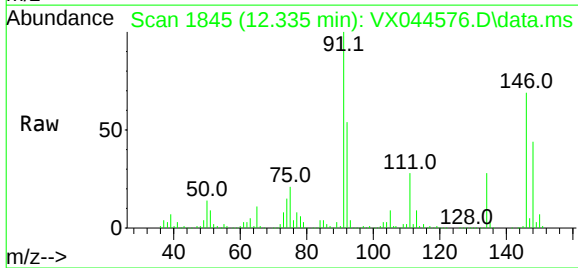
Tgt Ion:	117	Resp:	51267
Ion Ratio	Lower	Upper	
117	100		
201	70.5	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 53.670 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

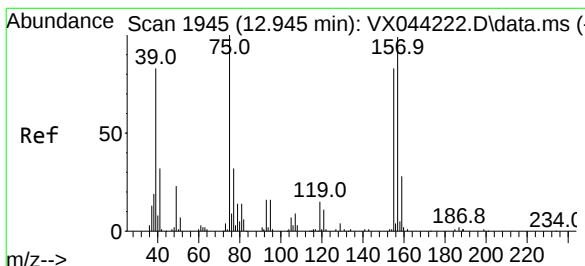
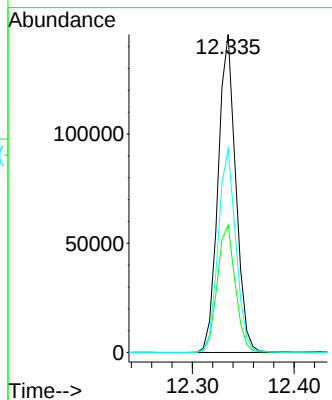
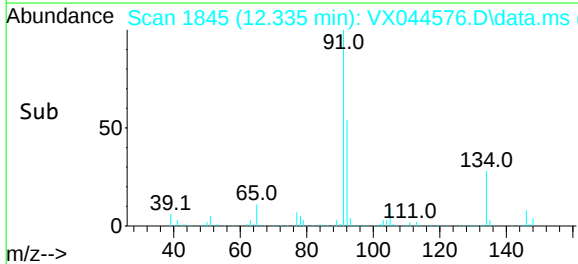
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 146 Resp: 176325
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.3
148 64.2 31.6 95.0

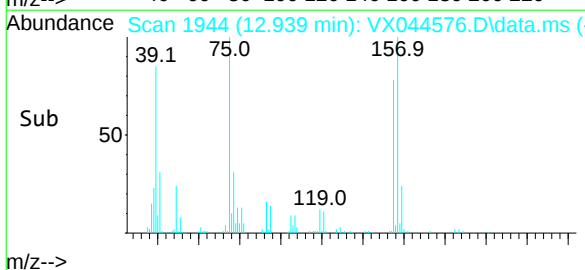
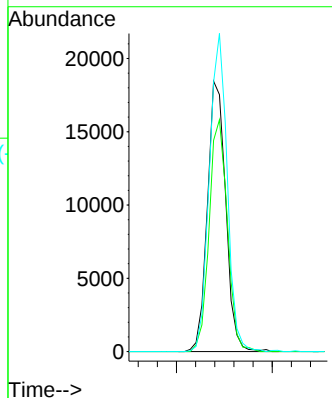
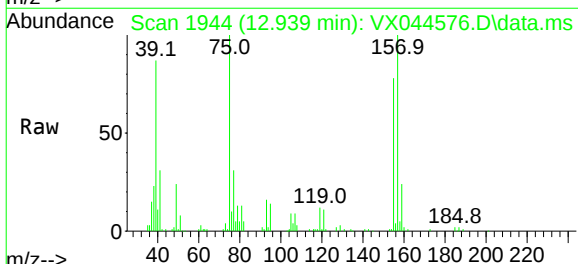
Manual Integrations
APPROVED

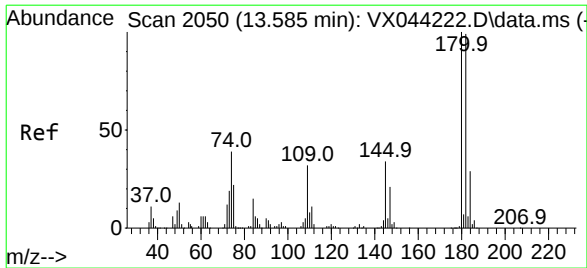
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.513 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044576.D
Acq: 31 Dec 2024 13:27

Tgt Ion: 75 Resp: 24434
Ion Ratio Lower Upper
75 100
155 85.5 38.1 114.3
157 114.7 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 59.544 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

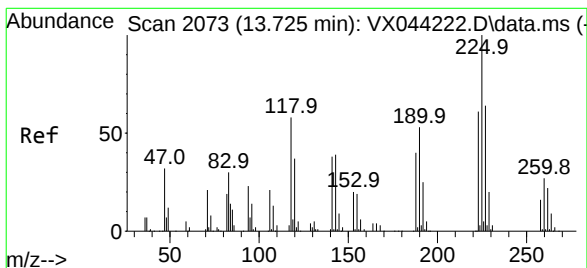
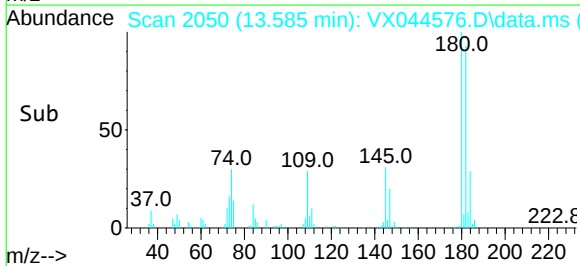
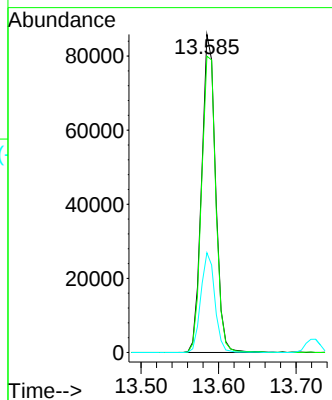
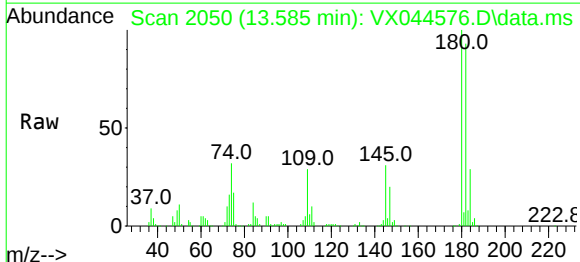
Tgt Ion:	180	Resp:	107249
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.2
145	31.5	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#94

Hexachlorobutadiene

Concen: 62.892 ug/l

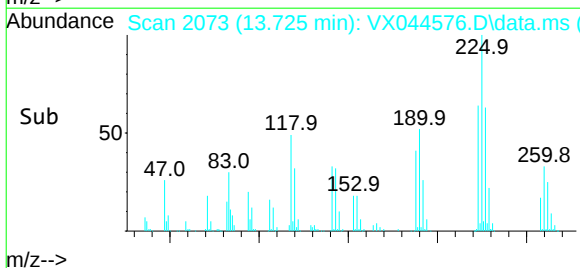
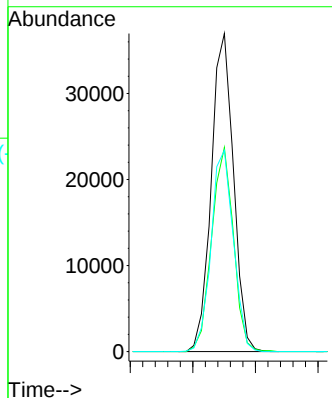
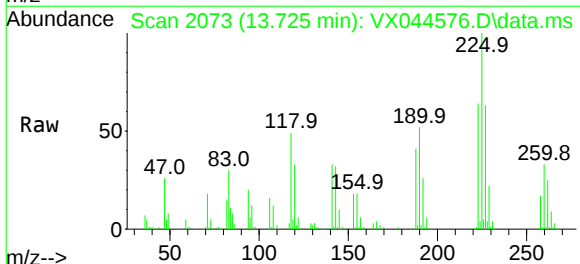
RT: 13.725 min Scan# 2073

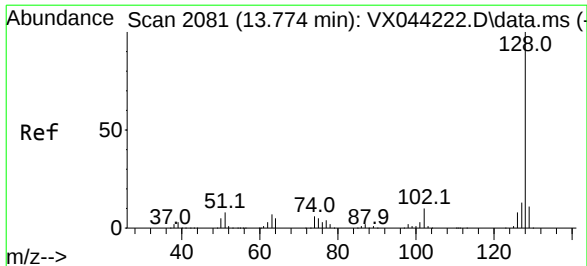
Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	225	Resp:	45565
Ion Ratio	Lower	Upper	
225	100		
223	63.1	30.8	92.4
227	63.7	32.1	96.3





#95

Naphthalene

Concen: 51.798 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Instrument :

MSVOA_X

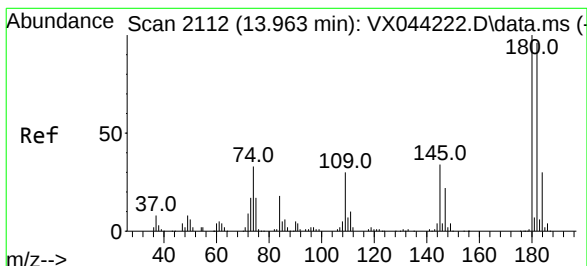
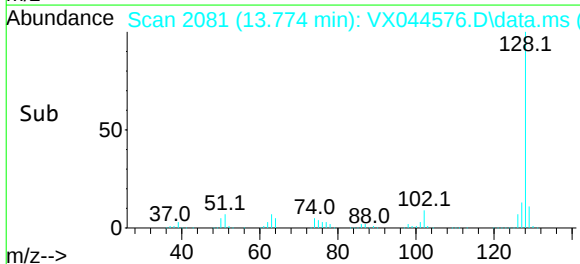
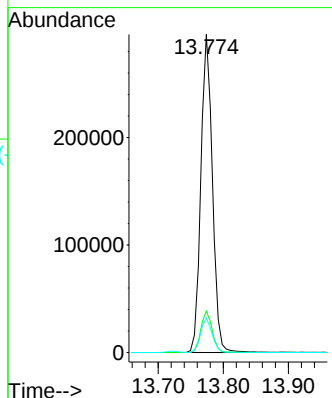
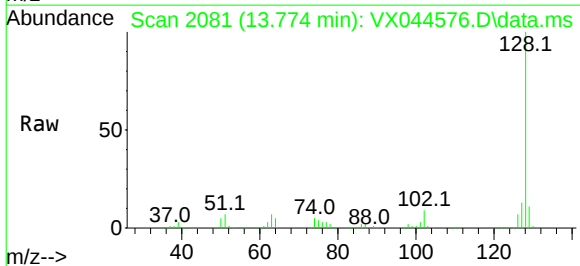
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	364180
Ion	Ratio	Lower	Upper
128	100		
127	12.8	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: 57.429 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044576.D

Acq: 31 Dec 2024 13:27

Tgt Ion:	180	Resp:	109714
Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.0	144.0
145	33.2	17.7	53.1

