

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044597.D
 Acq On : 07 Jan 2025 10:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 08 02:27:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	328814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17286	5.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.400%#
35) Dibromofluoromethane	5.391	113	11648	5.166	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.340%#
50) Toluene-d8	8.647	98	39205	5.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.180%#
62) 4-Bromofluorobenzene	11.079	95	13290	4.889	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.780%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	13312	4.891	ug/l	98
3) Chloromethane	1.294	50	14940	5.508	ug/l	90
4) Vinyl Chloride	1.374	62	13242	5.204	ug/l	92
5) Bromomethane	1.599	94	7148	5.423	ug/l	98
6) Chloroethane	1.666	64	6970	5.160	ug/l	89
7) Trichlorofluoromethane	1.874	101	19516	5.151	ug/l	99
8) Diethyl Ether	2.130	74	6099	4.556	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	11029	5.077	ug/l	95
10) Methyl Iodide	2.447	142	15781	5.210	ug/l	91
11) Tert butyl alcohol	3.001	59	10600	28.381	ug/l	99
12) 1,1-Dichloroethene	2.312	96	11046	5.249	ug/l	86
13) Acrolein	2.233	56	12556	25.426	ug/l	99
14) Allyl chloride	2.660	41	17002	4.858	ug/l	92
15) Acrylonitrile	3.068	53	28298	26.307	ug/l	100
16) Acetone	2.380	43	20234	21.165	ug/l	93
17) Carbon Disulfide	2.501	76	19658	4.517	ug/l	99
18) Methyl Acetate	2.703	43	15024	5.325	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	37226	5.162	ug/l	99
20) Methylene Chloride	2.788	84	12356	5.066	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	10897	5.045	ug/l	97
22) Diisopropyl ether	3.757	45	39202	5.449	ug/l #	83
23) Vinyl Acetate	3.721	43	144231	24.790	ug/l	100
24) 1,1-Dichloroethane	3.605	63	22208	5.297	ug/l	99
25) 2-Butanone	4.562	43	36925	26.760	ug/l	95
26) 2,2-Dichloropropane	4.458	77	18007	4.968	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	14357	5.451	ug/l	91
28) Bromochloromethane	4.891	49	10190	5.222	ug/l #	15
29) Tetrahydrofuran	5.007	42	25119	26.583	ug/l	99
30) Chloroform	5.086	83	24763	5.479	ug/l	100
31) Cyclohexane	5.464	56	17152	4.983	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	19887	5.229	ug/l	97
36) 1,1-Dichloropropene	5.684	75	15012	5.149	ug/l #	82
37) Ethyl Acetate	4.721	43	14899	4.999	ug/l	98
38) Carbon Tetrachloride	5.666	117	15014	4.641	ug/l	98
39) Methylcyclohexane	7.373	83	18627	5.007	ug/l	96
40) Benzene	6.031	78	47650	5.191	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	8340	5.209	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	19283	5.371	ug/l	100
43) Isopropyl Acetate	6.336	43	24971	5.075	ug/l	98
44) Trichloroethene	7.123	130	11966	5.099	ug/l	91
45) 1,2-Dichloropropane	7.434	63	11185	4.997	ug/l	98
46) Dibromomethane	7.586	93	8827	5.071	ug/l	96
47) Bromodichloromethane	7.818	83	15524	4.901	ug/l	98
48) Methyl methacrylate	7.696	41	11428	4.870	ug/l	95
49) 1,4-Dioxane	7.677	88	3337	96.762	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	74867	26.029	ug/l	98
52) Toluene	8.720	92	28506	5.147	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	13689	4.521	ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	15789	4.640	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	11331	5.218	ug/l	97
56) Ethyl methacrylate	9.122	69	14973	4.741	ug/l	97
57) 1,3-Dichloropropane	9.305	76	19219	5.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	37113	23.707	ug/l	100
59) 2-Hexanone	9.433	43	51047	25.095	ug/l	98
60) Dibromochloromethane	9.518	129	10022	4.629	ug/l	97
61) 1,2-Dibromoethane	9.610	107	11169	5.093	ug/l	96
64) Tetrachloroethene	9.269	164	10421	5.236	ug/l	90
65) Chlorobenzene	10.079	112	30656	5.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	9592	4.834	ug/l	96
67) Ethyl Benzene	10.195	91	52173	5.086	ug/l	97
68) m/p-Xylenes	10.299	106	38109	10.109	ug/l	97
69) o-Xylene	10.640	106	18309	4.812	ug/l	96
70) Styrene	10.659	104	28881	4.745	ug/l	100
71) Bromoform	10.799	173	5635	4.960	ug/l #	98
73) Isopropylbenzene	10.963	105	46634	5.131	ug/l	98
74) N-amyl acetate	10.848	43	18861	5.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16194	5.528	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	12940m	5.262	ug/l	
77) Bromobenzene	11.201	156	11951	5.413	ug/l	94
78) n-propylbenzene	11.305	91	53610	5.237	ug/l	99
79) 2-Chlorotoluene	11.366	91	35356	5.330	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40862	5.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3211	3.975	ug/l #	82
82) 4-Chlorotoluene	11.457	91	39535	5.298	ug/l	95
83) tert-Butylbenzene	11.713	119	39571	5.274	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	37556	4.961	ug/l	97
85) sec-Butylbenzene	11.890	105	47269	5.173	ug/l	99
86) p-Isopropyltoluene	12.006	119	38691	5.046	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20352	5.096	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	21839	5.248	ug/l	95
89) n-Butylbenzene	12.329	91	30630	4.731	ug/l	98
90) Hexachloroethane	12.536	117	5241	4.255	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	20848	5.165	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2550	4.591	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	11030	4.650	ug/l	97
94) Hexachlorobutadiene	13.725	225	4946	5.007	ug/l	95
95) Naphthalene	13.774	128	34693	4.533	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11316	4.667	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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

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

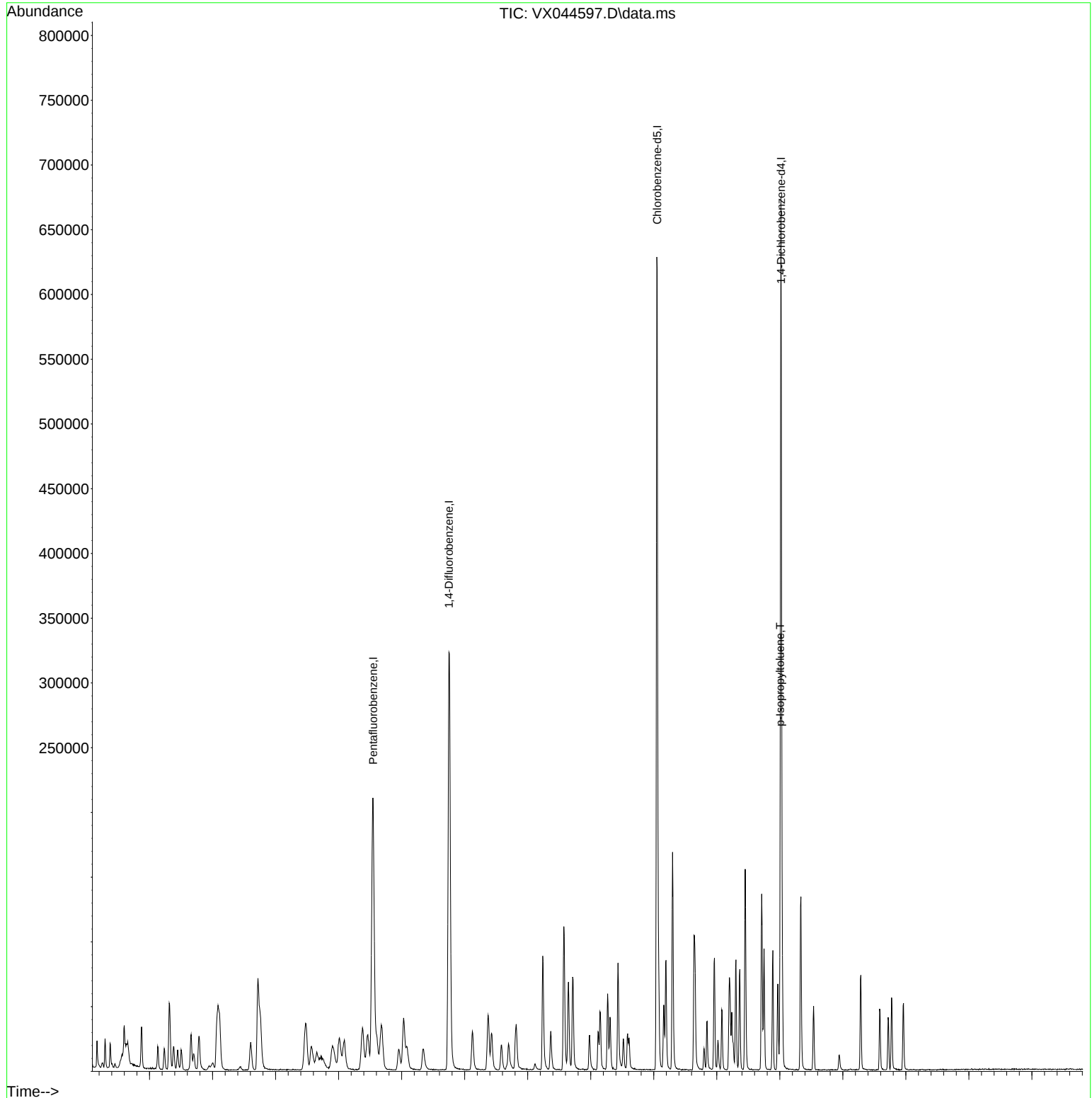
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Sample : VSTDICC005
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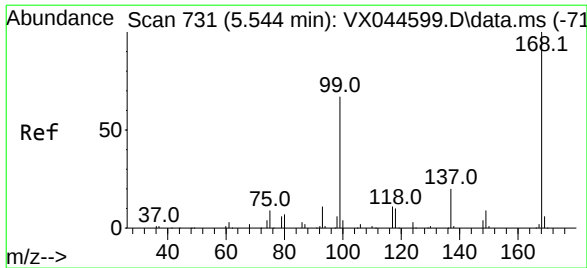
Instrument :
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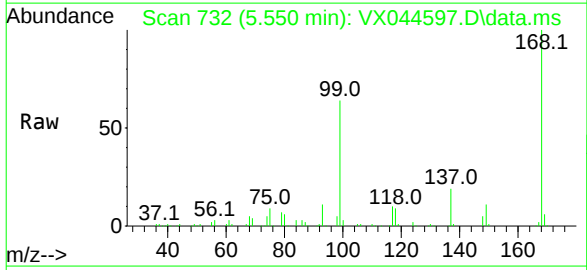
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
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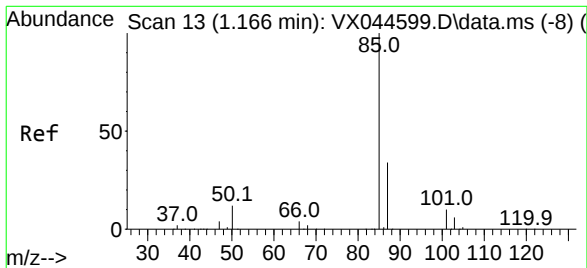
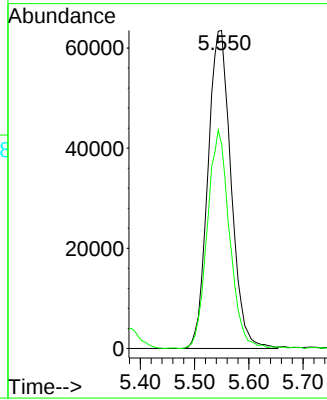
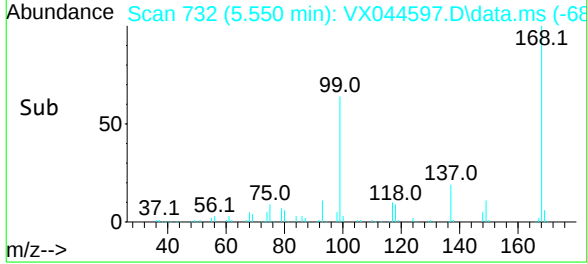
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 188117
Ion Ratio Lower Upper
168 100
99 64.3 53.5 80.3

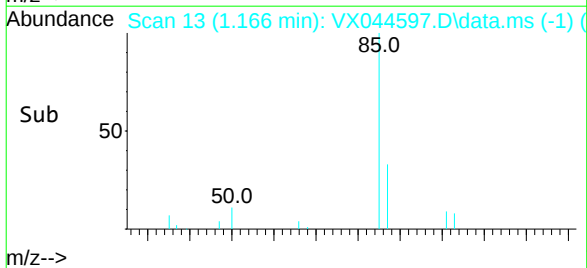
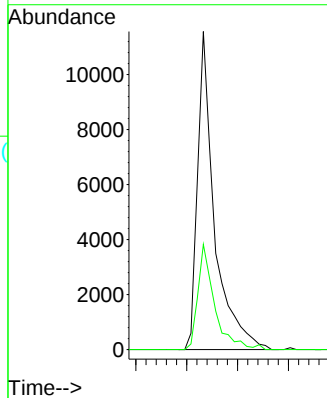
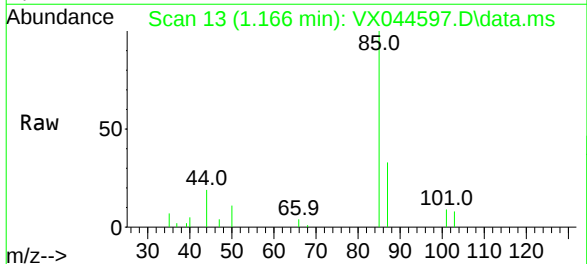
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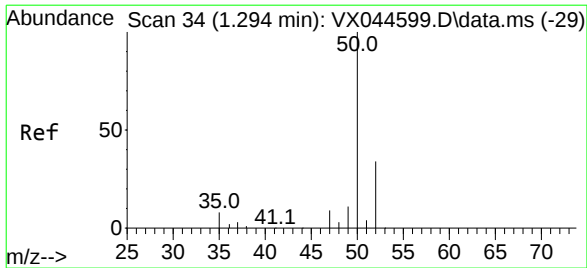
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#2
Dichlorodifluoromethane
Concen: 4.891 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 85 Resp: 13312
Ion Ratio Lower Upper
85 100
87 33.1 17.2 51.5





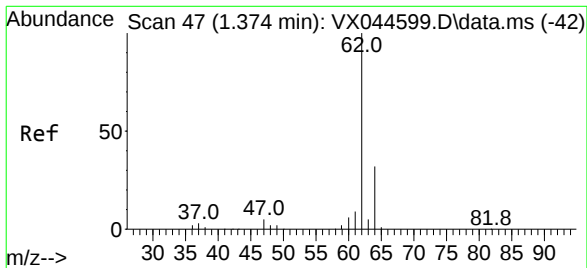
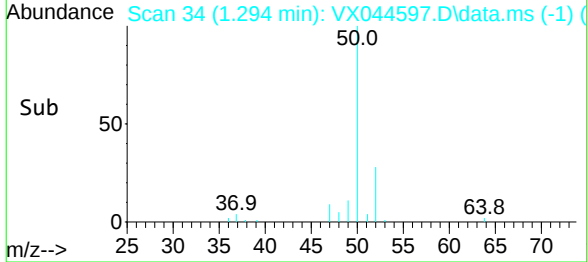
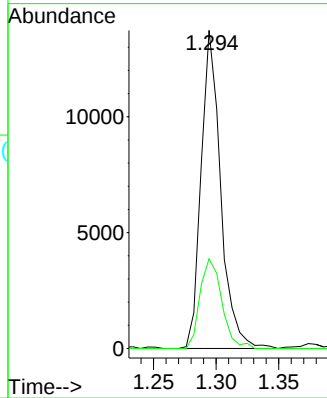
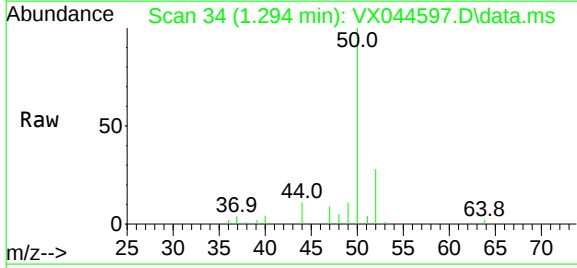
#3
Chloromethane
Concen: 5.508 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument : MSVOA_X
ClientSampleId : VSTDICC005

Tgt Ion: 50 Resp: 14940
Ion Ratio Lower Upper
50 100
52 28.2 27.0 40.4

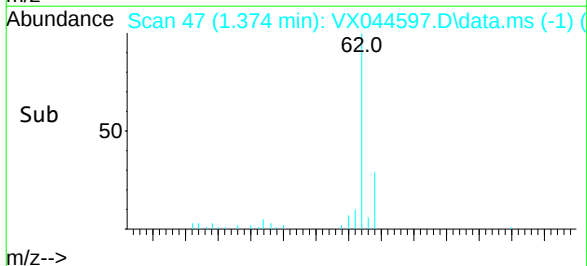
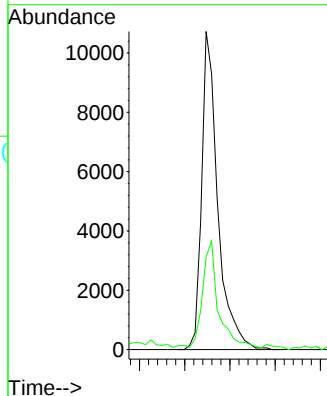
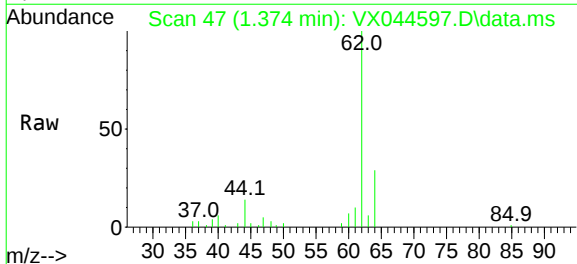
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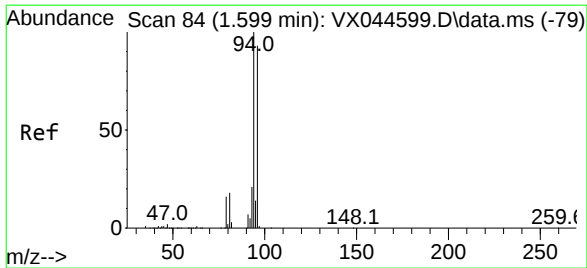
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#4
Vinyl Chloride
Concen: 5.204 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

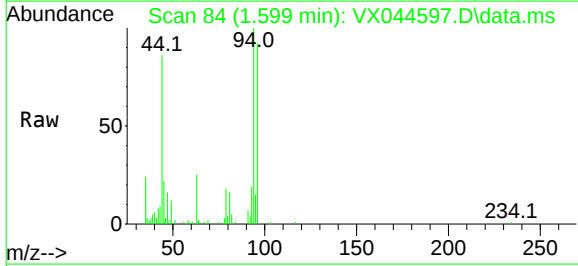
Tgt Ion: 62 Resp: 13242
Ion Ratio Lower Upper
62 100
64 28.2 26.0 39.0





#5
 Bromomethane
 Concen: 5.423 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

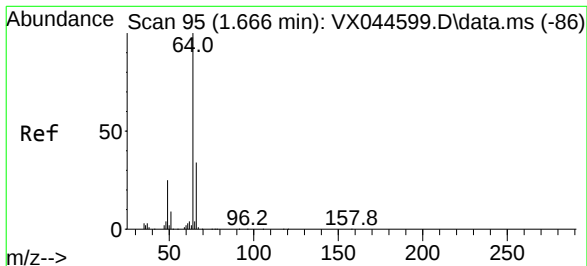
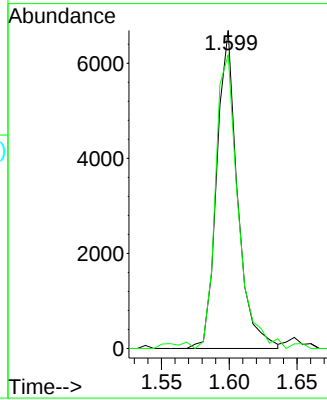
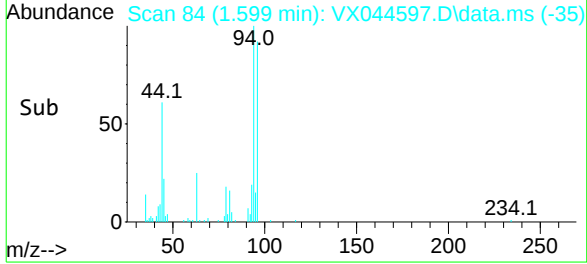
Instrument :
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 ClientSampleId :
 VSTDIC005



Tgt Ion: 94 Resp: 7148
 Ion Ratio Lower Upper
 94 100
 96 91.3 74.6 112.0

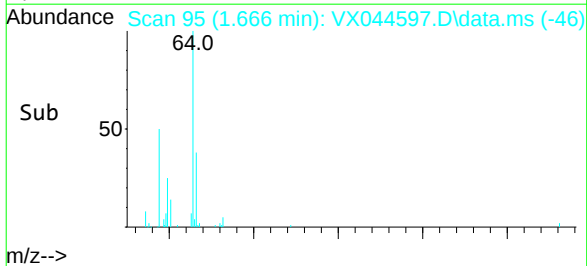
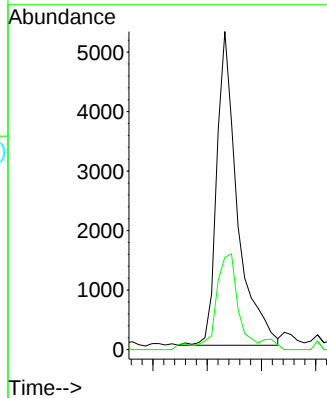
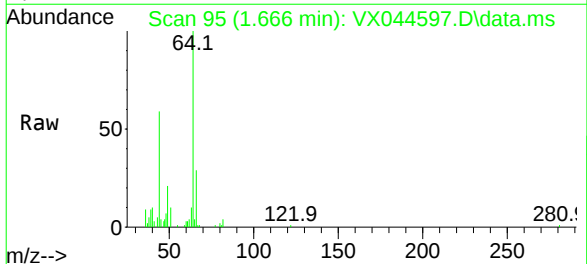
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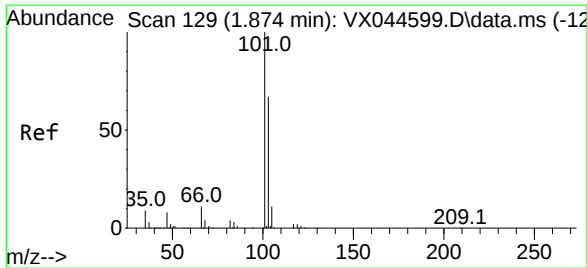
Reviewed By :John Carlone 01/08/2025
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#6
 Chloroethane
 Concen: 5.160 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

Tgt Ion: 64 Resp: 6970
 Ion Ratio Lower Upper
 64 100
 66 27.8 27.3 40.9





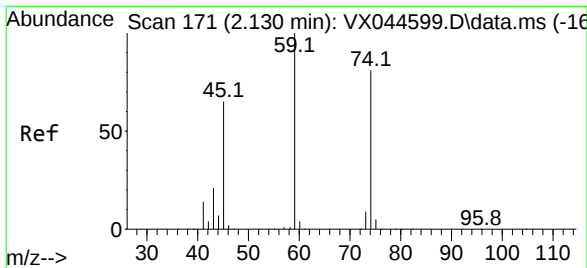
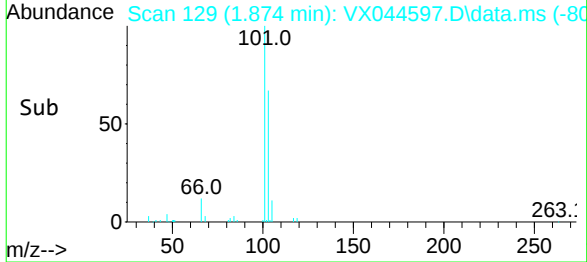
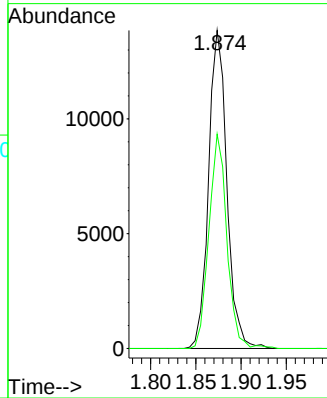
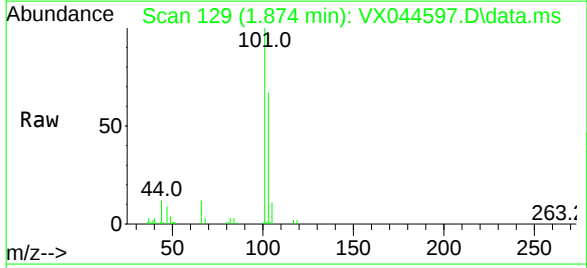
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 Trichlorofluoromethane
 Concen: 5.151 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 19516
 Ion Ratio Lower Upper
 101 100
 103 67.4 53.3 79.9

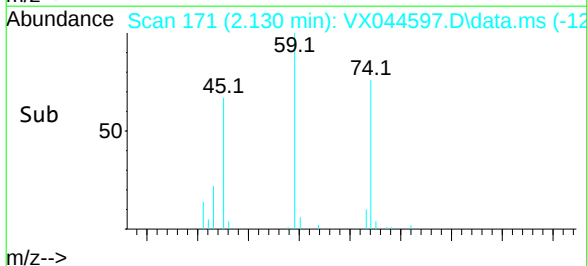
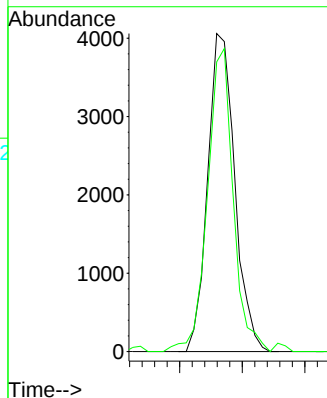
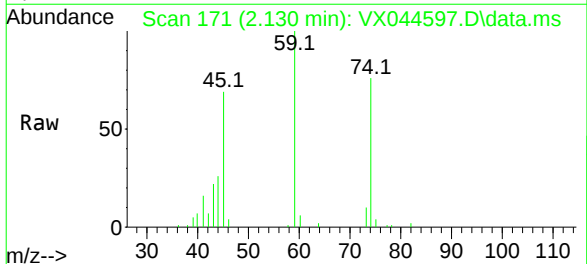
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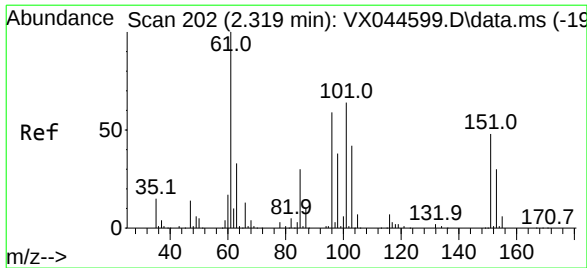
Reviewed By : John Carlone 01/08/2025
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#8
 Diethyl Ether
 Concen: 4.556 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

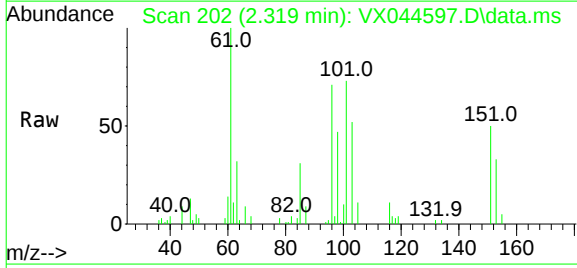
Tgt Ion: 74 Resp: 6099
 Ion Ratio Lower Upper
 74 100
 45 90.3 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.077 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

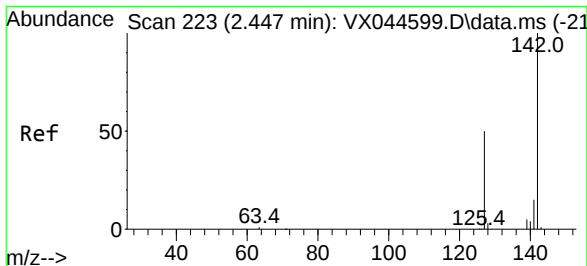
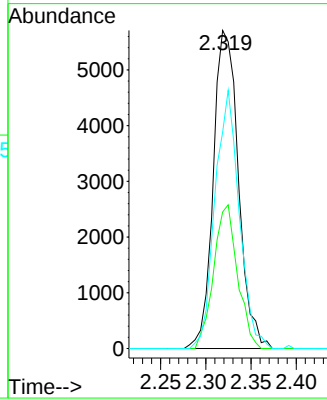
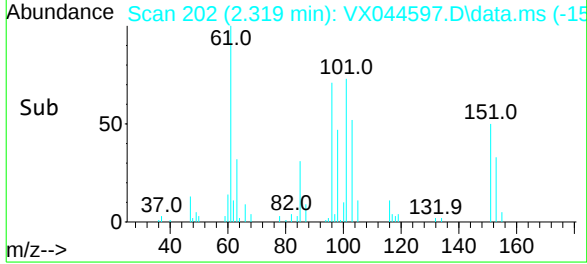
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 11029
Ion Ratio Lower Upper
101 100
85 42.9 36.5 54.7
151 78.3 58.6 87.8

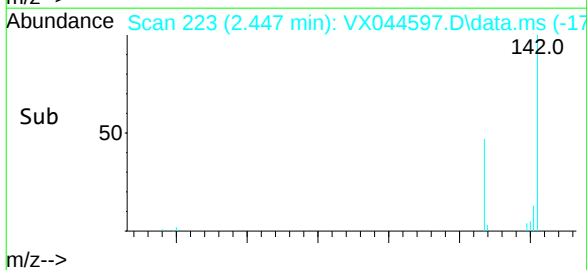
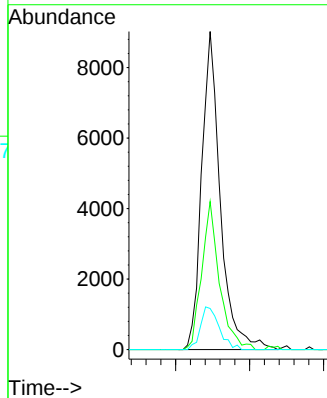
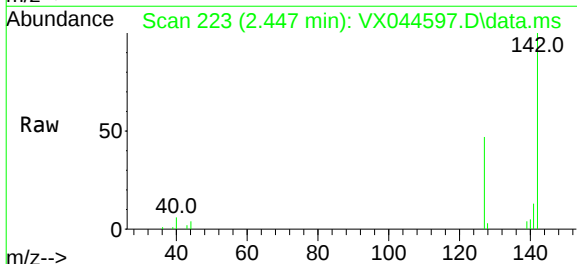
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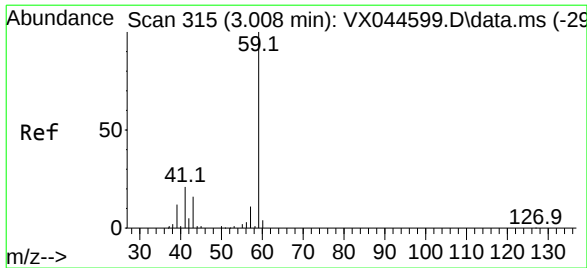
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#10
Methyl Iodide
Concen: 5.210 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:142 Resp: 15781
Ion Ratio Lower Upper
142 100
127 44.4 41.9 62.9
141 13.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 28.381 ug/l

RT: 3.001 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 10600

Ion Ratio Lower Upper

59 100

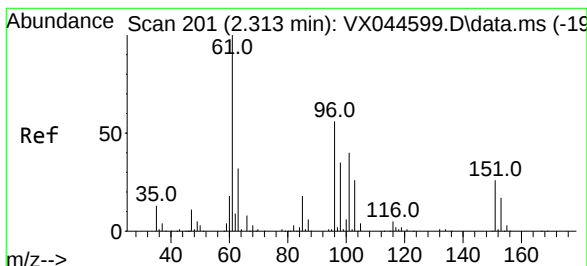
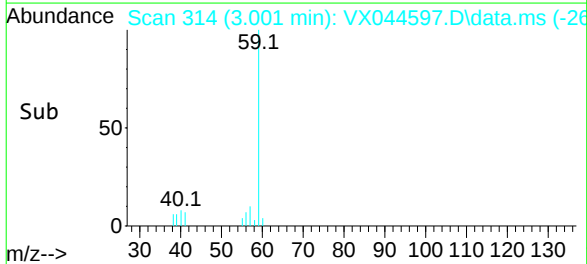
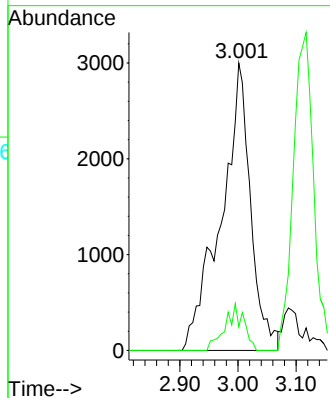
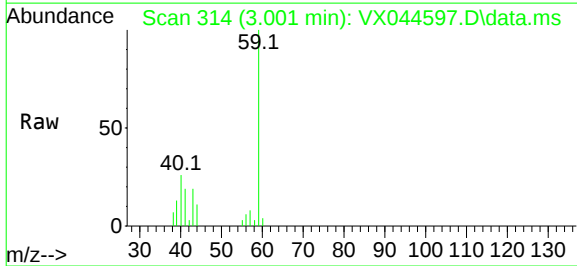
57 10.2 8.6 12.8

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#12

1,1-Dichloroethene

Concen: 5.249 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

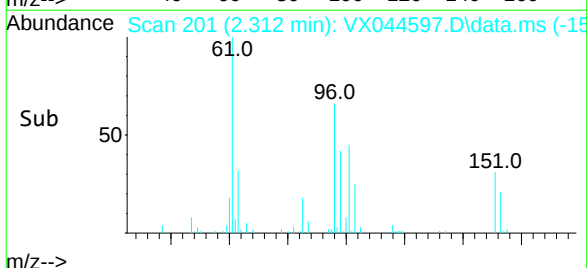
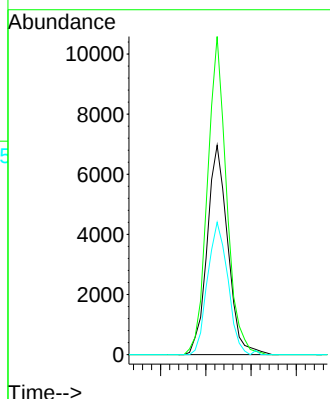
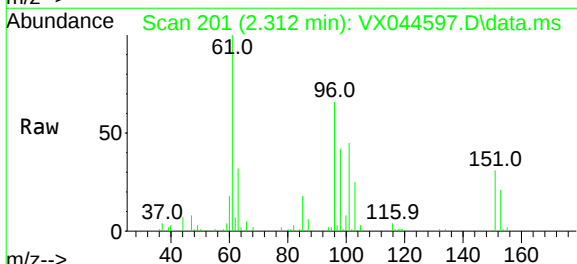
Tgt Ion: 96 Resp: 11046

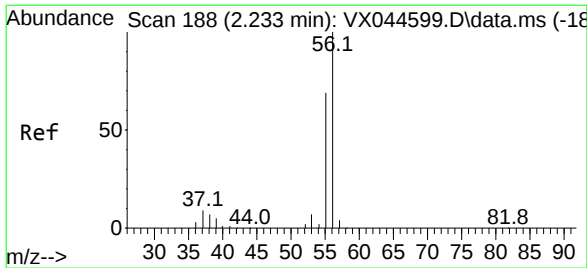
Ion Ratio Lower Upper

96 100

61 152.0 143.3 214.9

98 63.2 50.6 76.0





#13

Acrolein

Concen: 25.426 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 12556

Ion Ratio Lower Upper

56 100

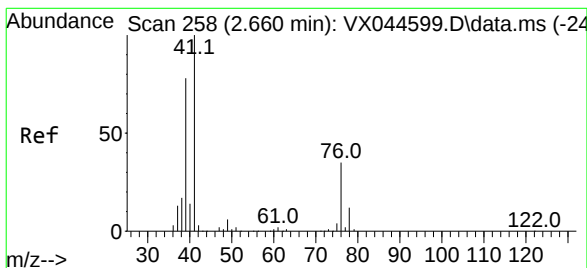
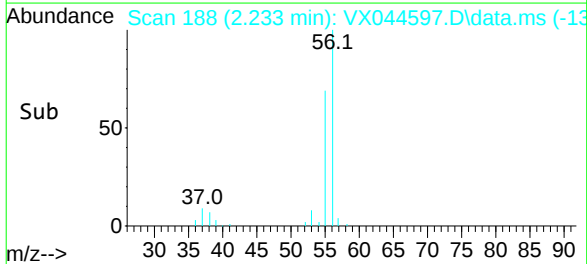
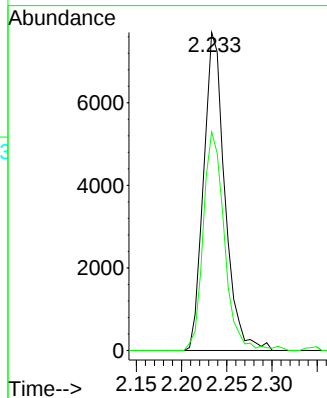
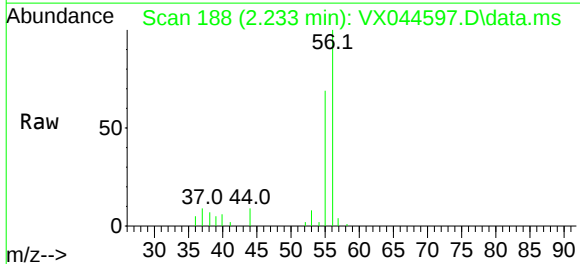
55 68.7 55.8 83.8

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#14

Allyl chloride

Concen: 4.858 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

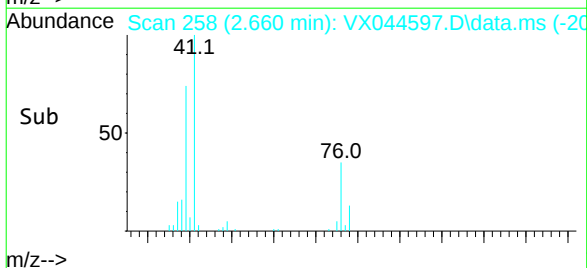
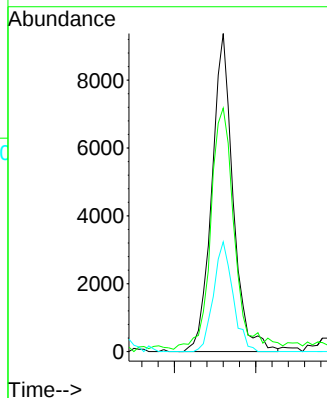
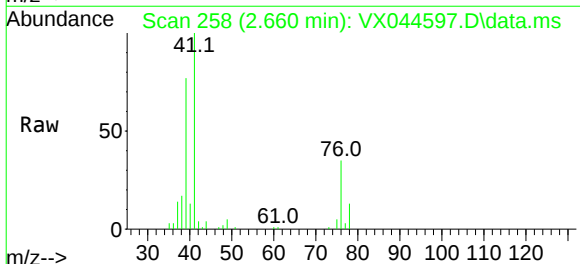
Tgt Ion: 41 Resp: 17002

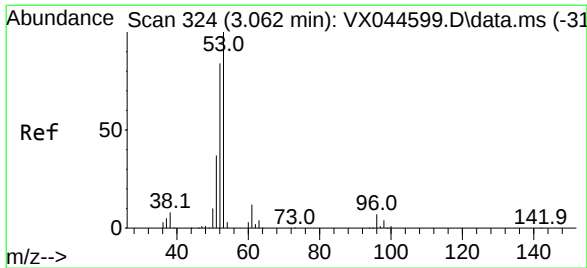
Ion Ratio Lower Upper

41 100

39 83.9 60.2 90.2

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 26.307 ug/l

RT: 3.068 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

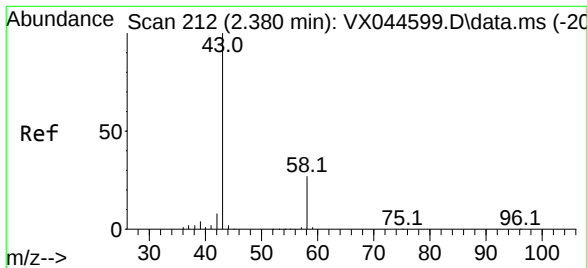
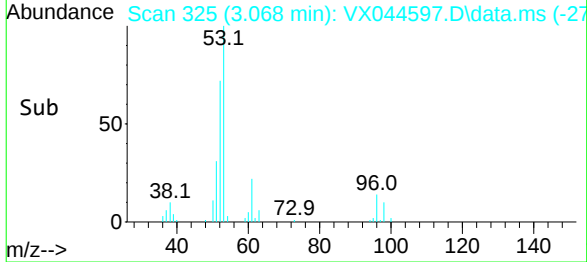
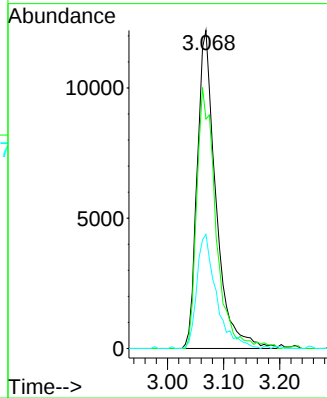
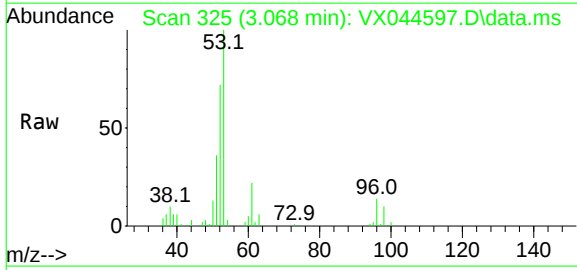
Tgt Ion:	53	Resp:	28298
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.0	100.6
51	37.4	29.4	44.0

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#16

Acetone

Concen: 21.165 ug/l

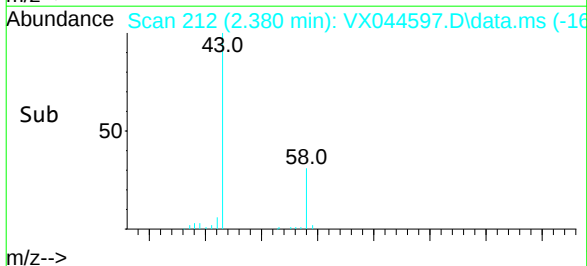
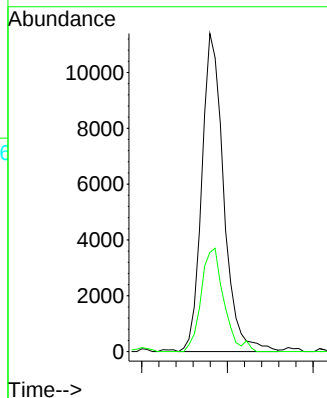
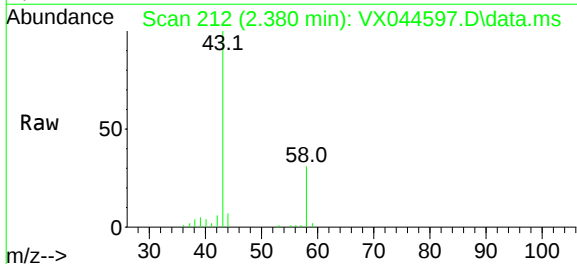
RT: 2.380 min Scan# 212

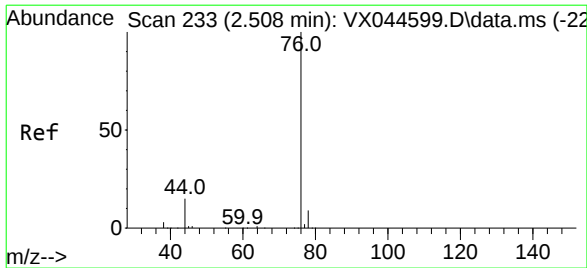
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	43	Resp:	20234
Ion	Ratio	Lower	Upper
43	100		
58	31.2	22.0	33.0





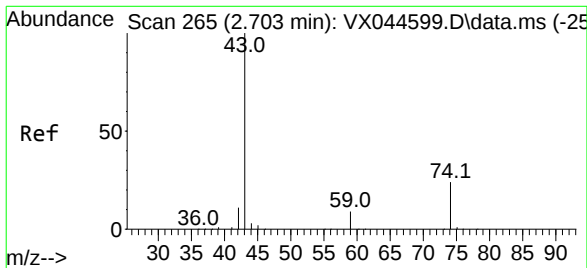
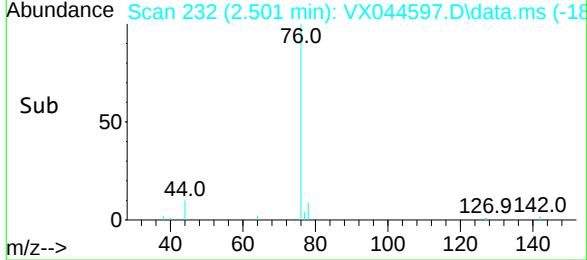
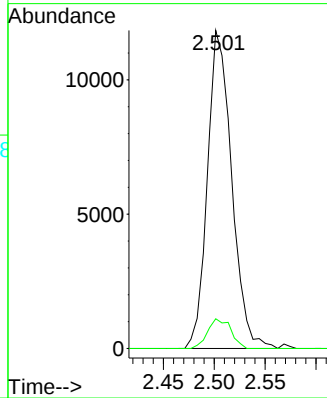
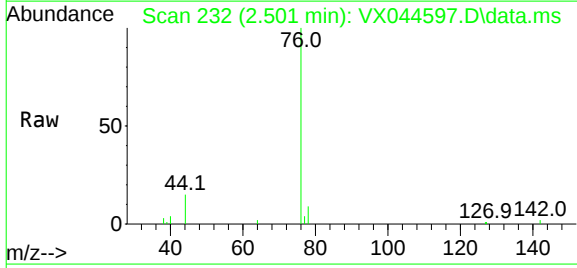
#17
Carbon Disulfide
Concen: 4.517 ug/l
RT: 2.501 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 19658
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

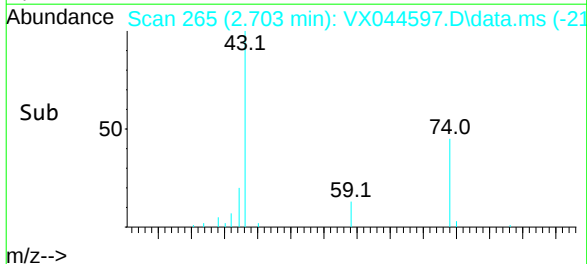
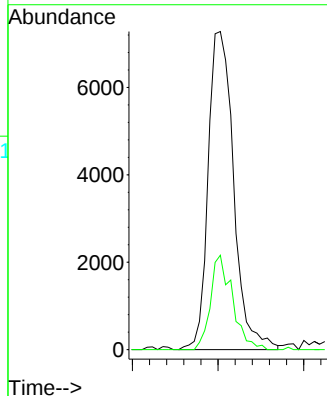
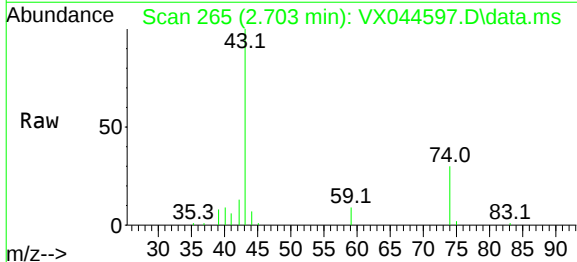
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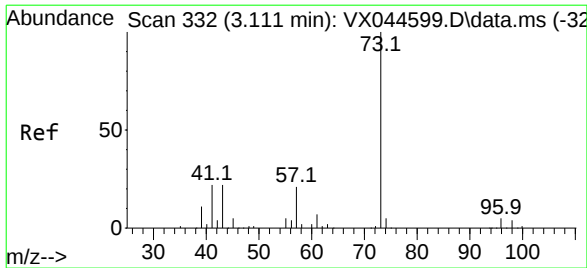
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#18
Methyl Acetate
Concen: 5.325 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 43 Resp: 15024
Ion Ratio Lower Upper
43 100
74 25.6 19.3 28.9





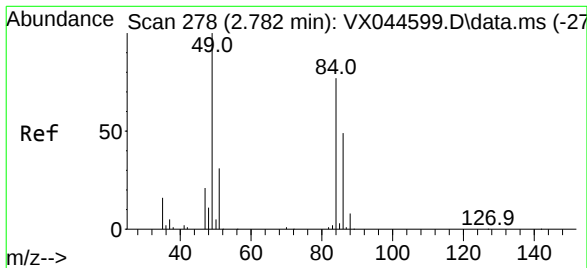
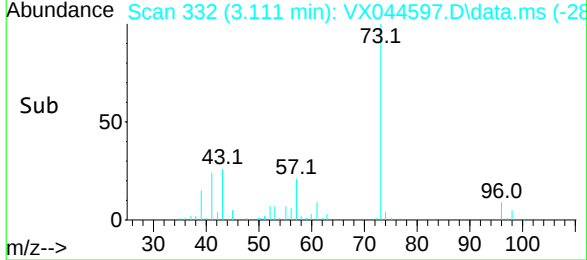
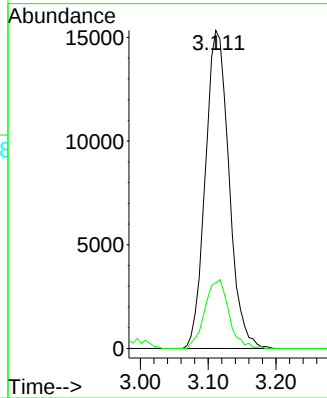
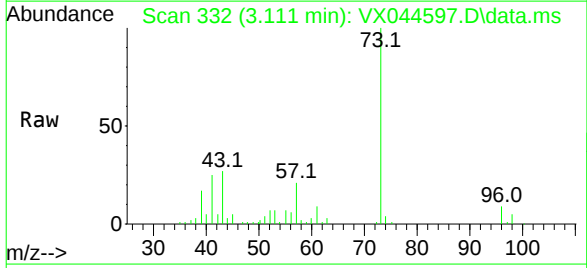
#19
Methyl tert-butyl Ether
Concen: 5.162 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 73 Resp: 37226
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4

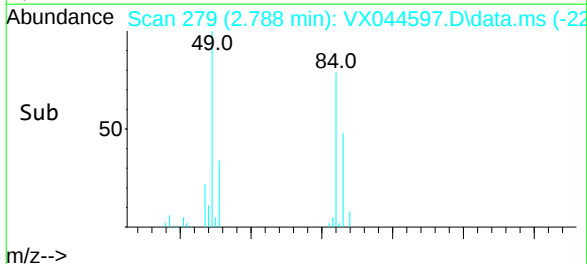
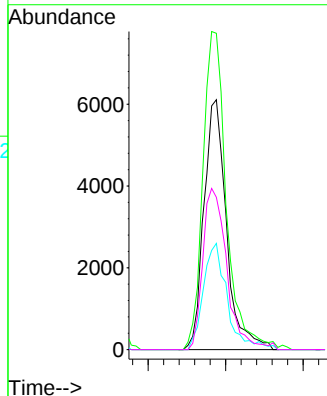
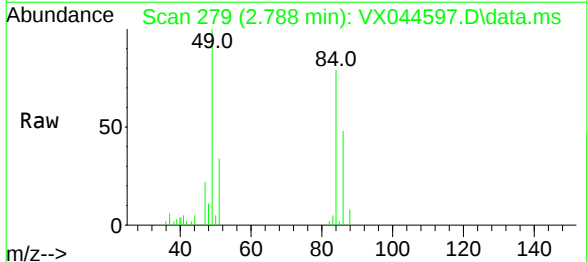
Manual Integrations
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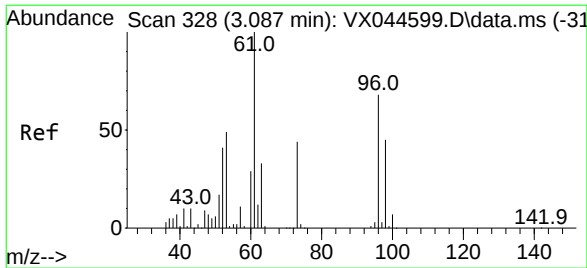
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Methylene Chloride
Concen: 5.066 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

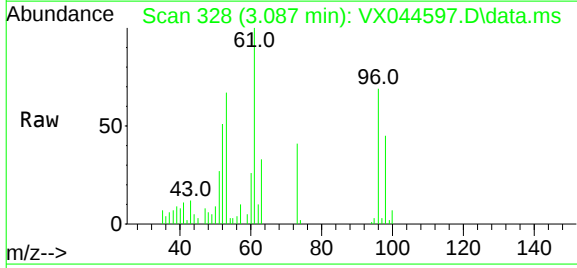
Tgt Ion: 84 Resp: 12356
Ion Ratio Lower Upper
84 100
49 126.6 104.4 156.6
51 42.5 32.0 48.0
86 60.9 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 5.045 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

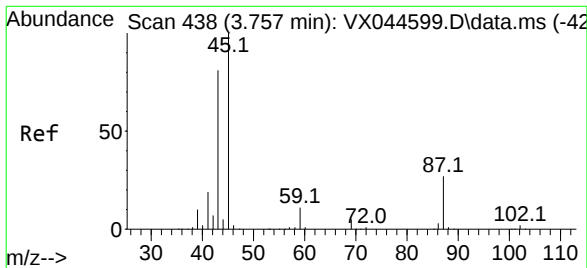
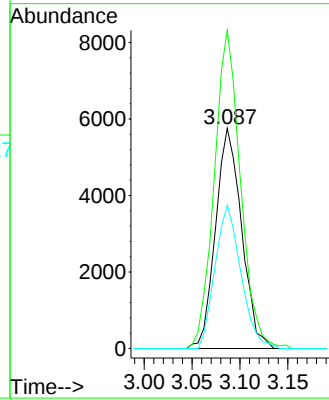
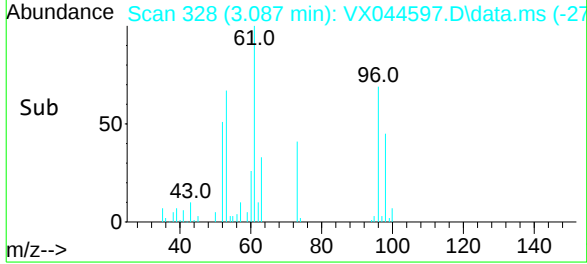
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



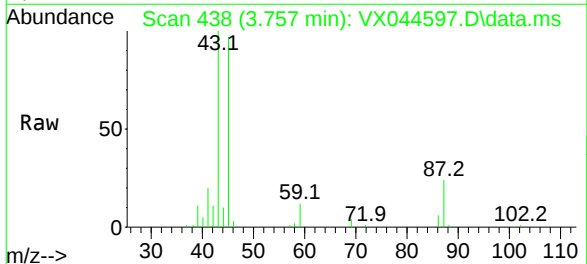
Tgt Ion: 96 Resp: 10897
Ion Ratio Lower Upper
96 100
61 144.4 118.5 177.7
98 65.1 53.4 80.0

Manual Integrations
APPROVED

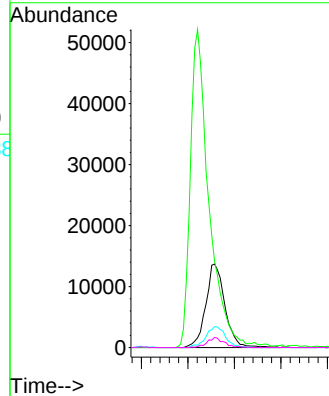
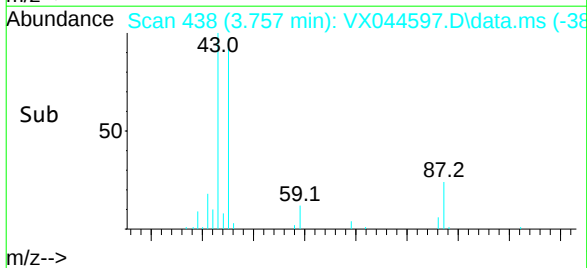
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

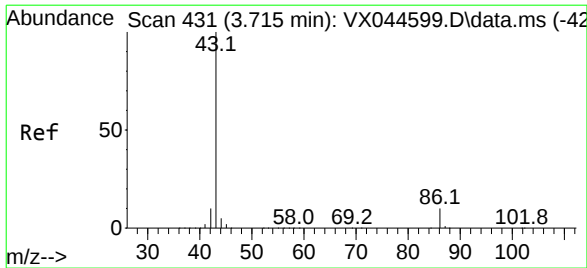


#22
Diisopropyl ether
Concen: 5.449 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29



Tgt Ion: 45 Resp: 39202
Ion Ratio Lower Upper
45 100
43 100.8 64.6 97.0#
87 25.0 21.8 32.8
59 12.2 8.6 12.8





#23

Vinyl Acetate

Concen: 24.790 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 144231

Ion Ratio Lower Upper

43 100

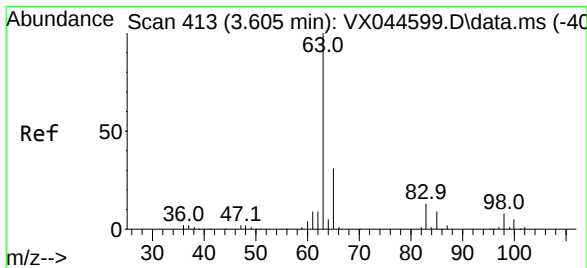
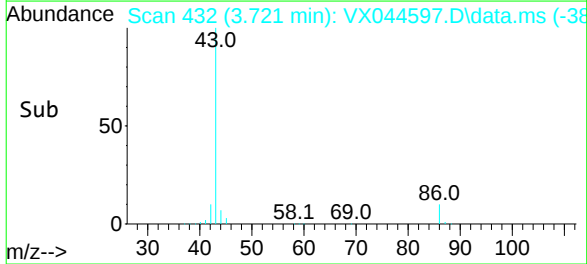
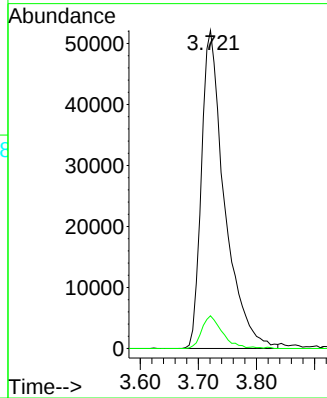
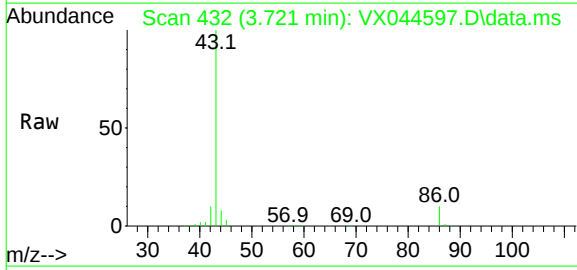
86 10.3 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#24

1,1-Dichloroethane

Concen: 5.297 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

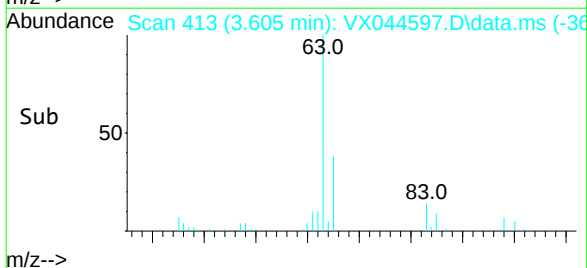
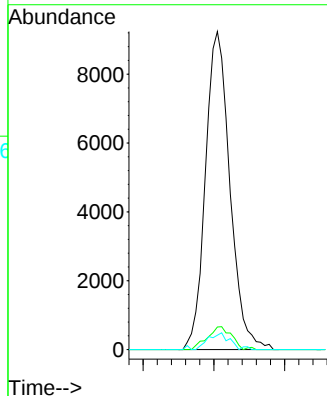
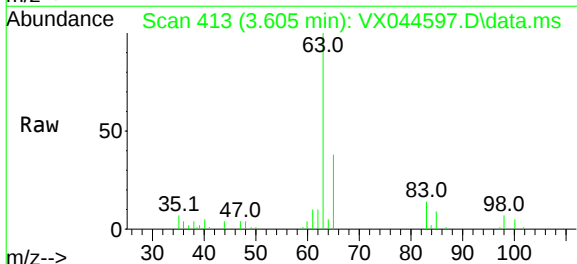
Tgt Ion: 63 Resp: 22208

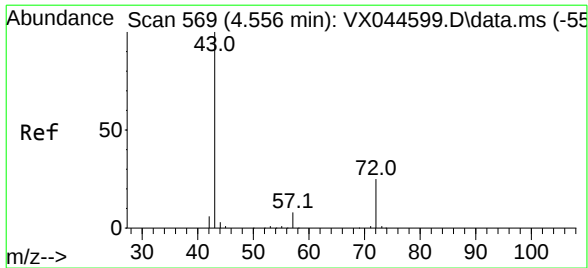
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.5 2.4 7.2





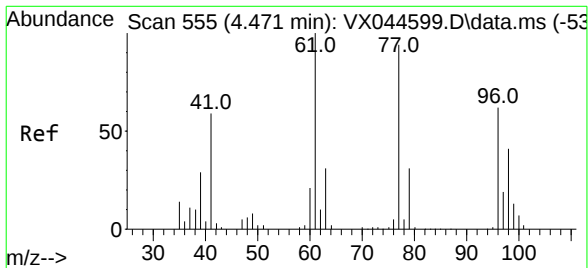
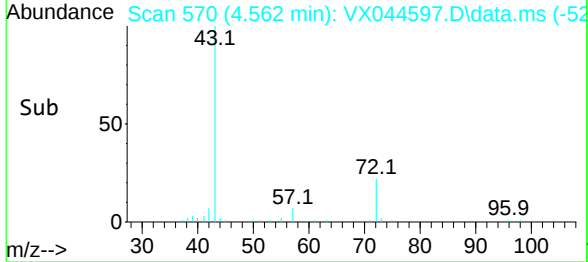
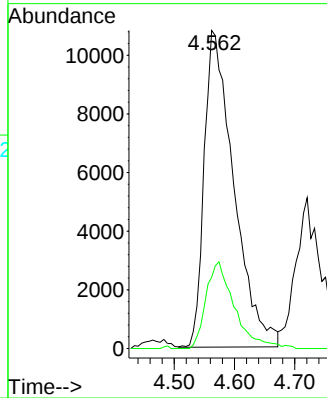
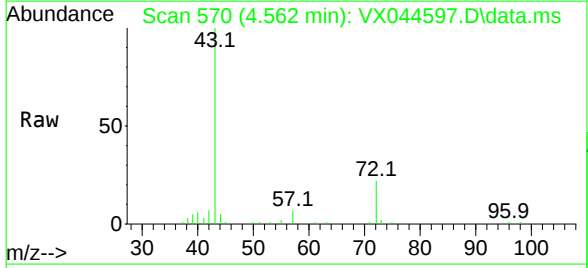
#25
2-Butanone
Concen: 26.760 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 36925
Ion Ratio Lower Upper
43 100
72 22.5 20.2 30.2

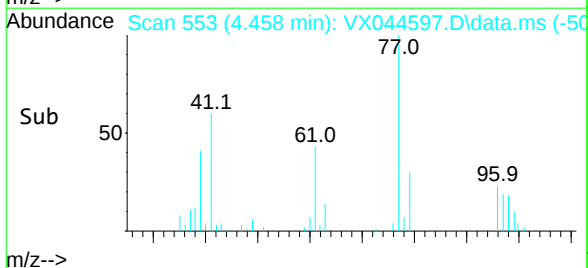
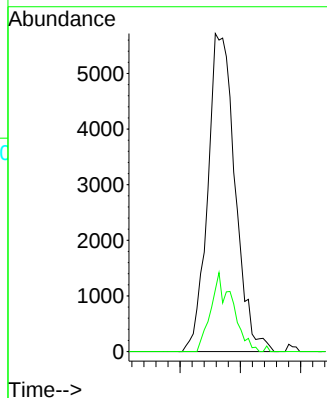
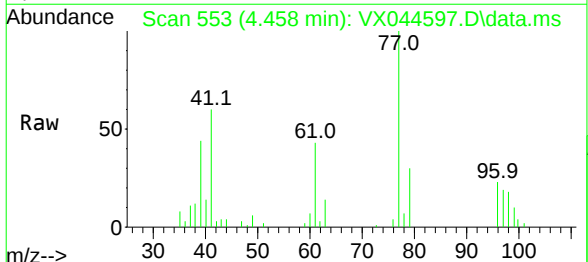
Manual Integrations
APPROVED

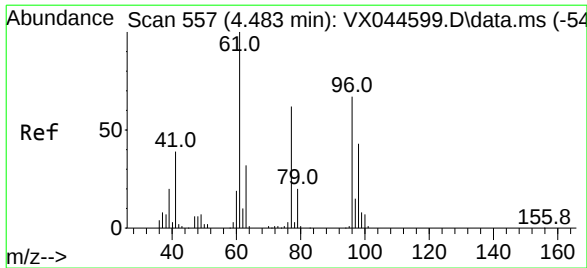
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#26
2,2-Dichloropropane
Concen: 4.968 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

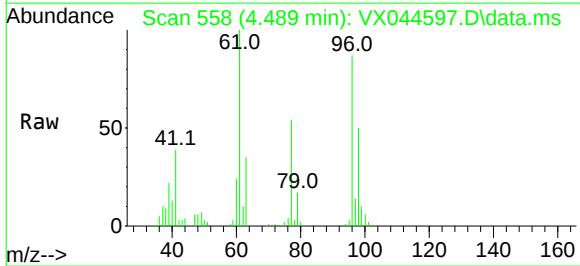
Tgt Ion: 77 Resp: 18007
Ion Ratio Lower Upper
77 100
97 20.0 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 5.451 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

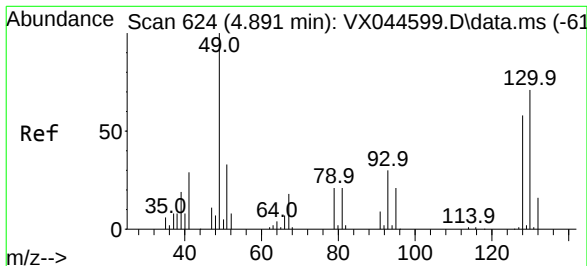
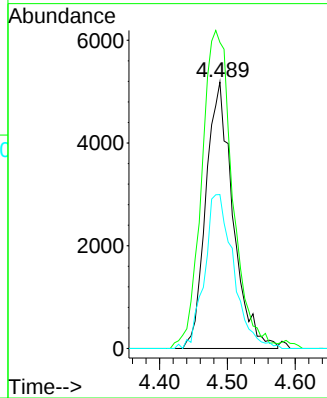
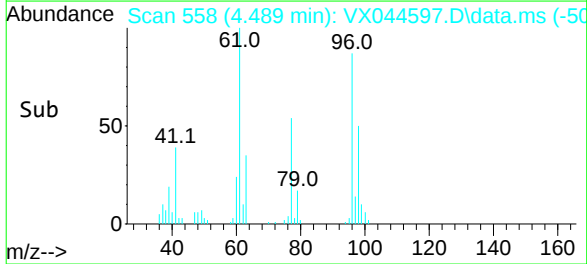
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 14357
Ion Ratio Lower Upper
96 100
61 136.4 0.0 302.8
98 62.1 0.0 130.0

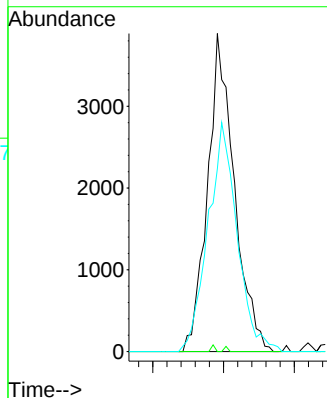
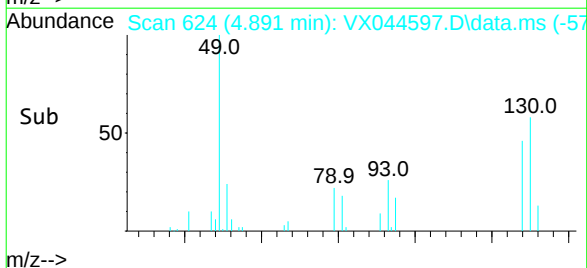
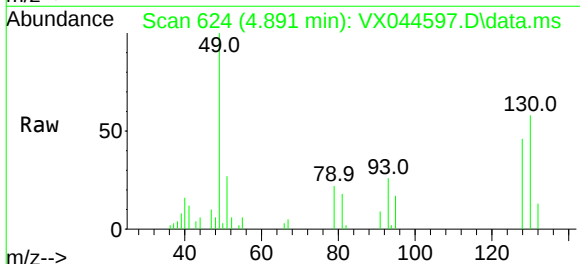
Manual Integrations
APPROVED

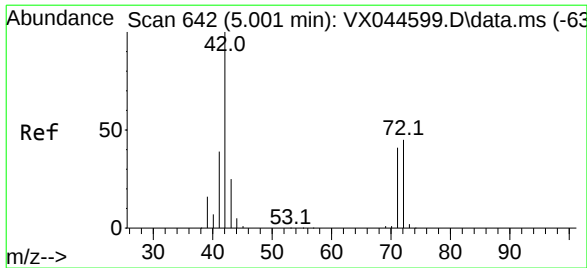
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#28
Bromochloromethane
Concen: 5.222 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 49 Resp: 10190
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.2
130 0.0 58.8 88.2#





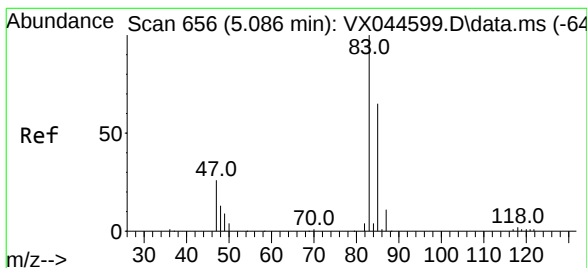
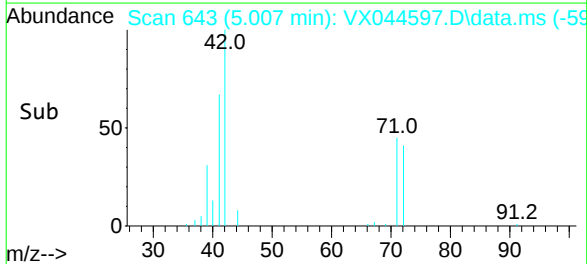
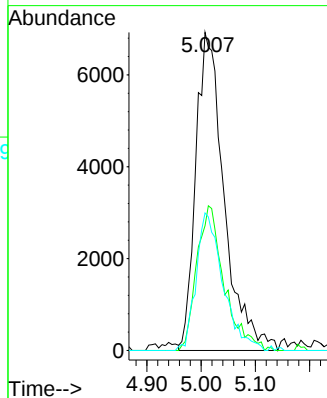
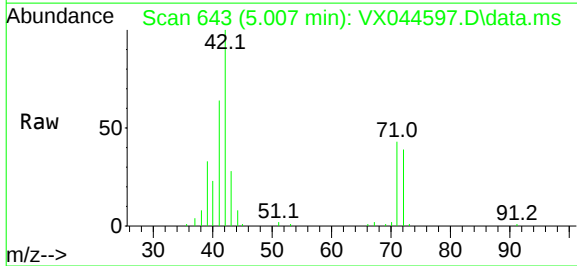
#29
Tetrahydrofuran
Concen: 26.583 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 25119
Ion Ratio Lower Upper
42 100
72 44.1 36.1 54.1
71 41.0 33.0 49.6

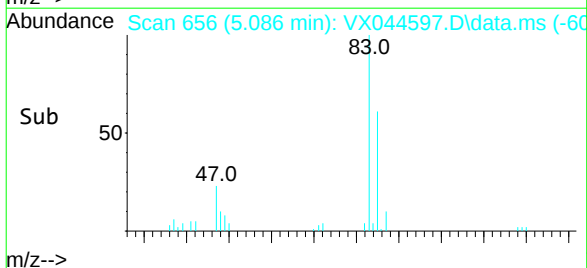
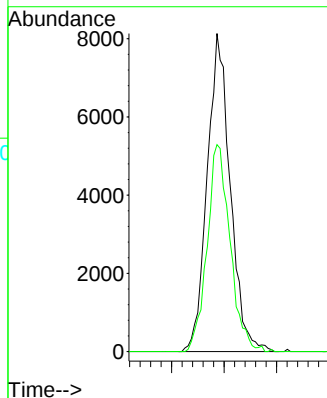
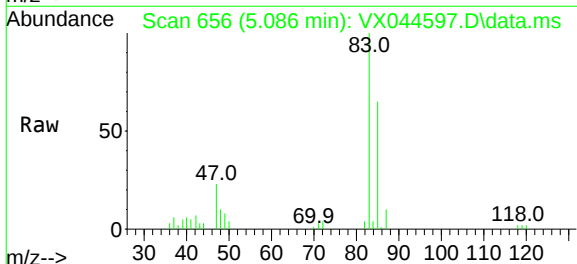
Manual Integrations
APPROVED

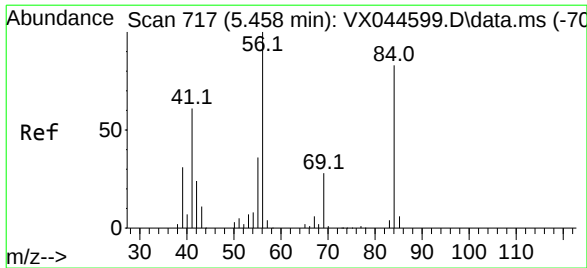
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
Chloroform
Concen: 5.479 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 83 Resp: 24763
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5





#31

Cyclohexane

Concen: 4.983 ug/l

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

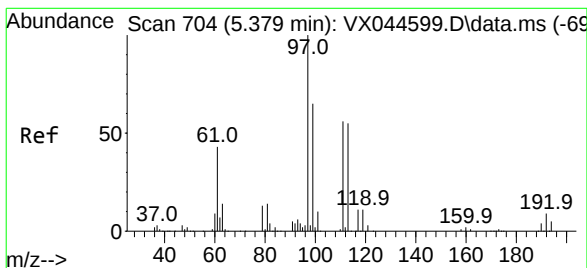
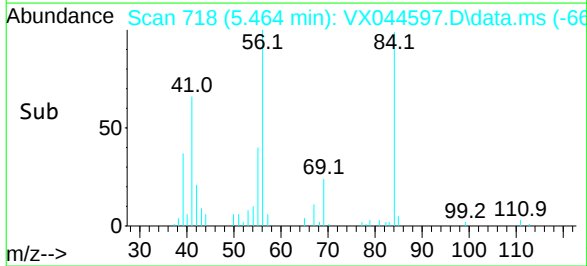
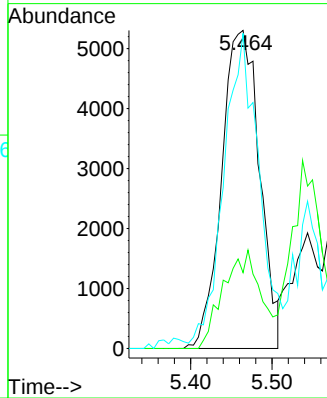
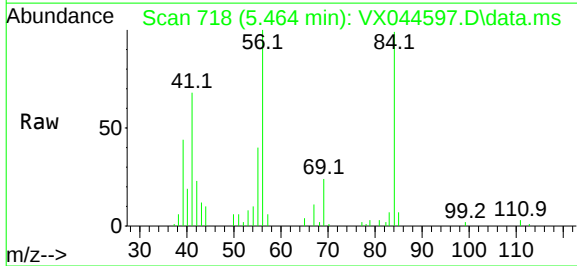
Tgt Ion:	56	Resp:	17152
Ion	Ratio	Lower	Upper
56	100		
69	23.9	22.2	33.4
84	96.2	66.6	100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#32

1,1,1-Trichloroethane

Concen: 5.229 ug/l

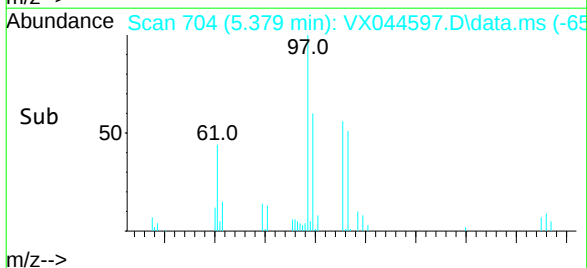
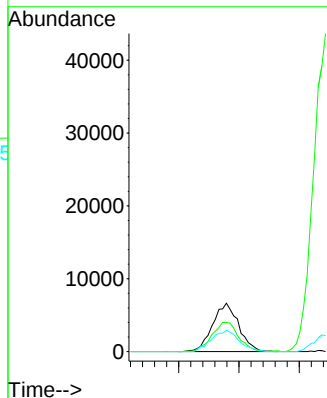
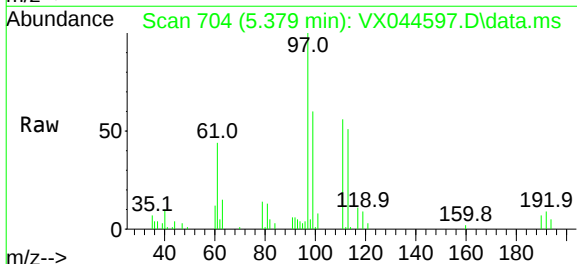
RT: 5.379 min Scan# 704

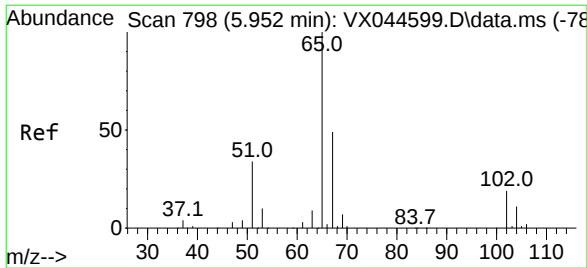
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	97	Resp:	19887
Ion	Ratio	Lower	Upper
97	100		
99	61.6	52.1	78.1
61	46.6	36.8	55.2





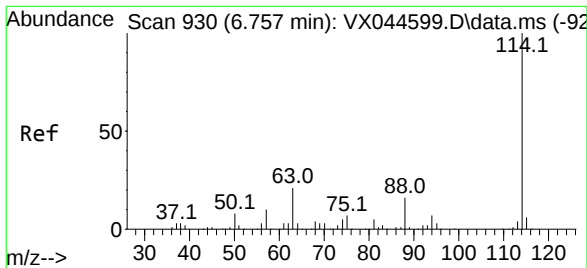
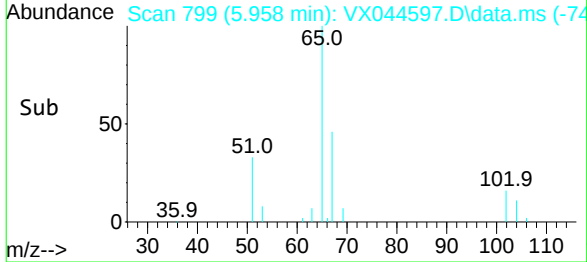
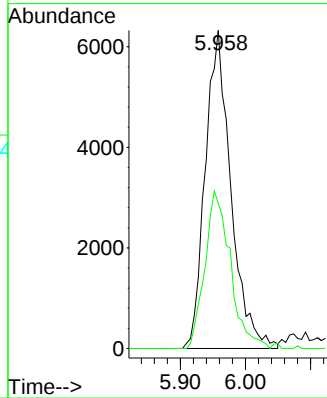
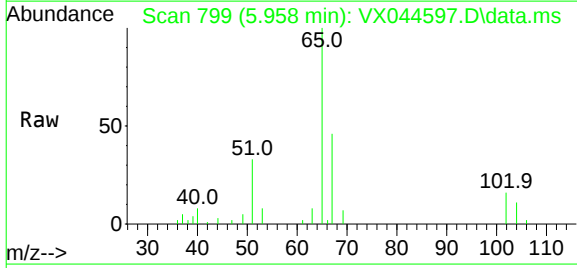
#33
1,2-Dichloroethane-d4
Concen: 5.699 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 17286
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

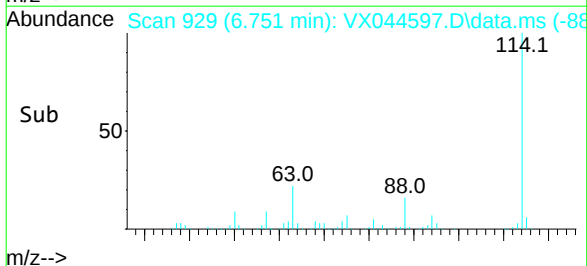
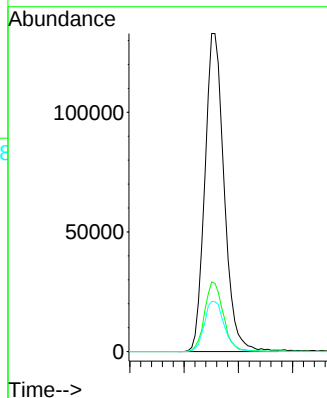
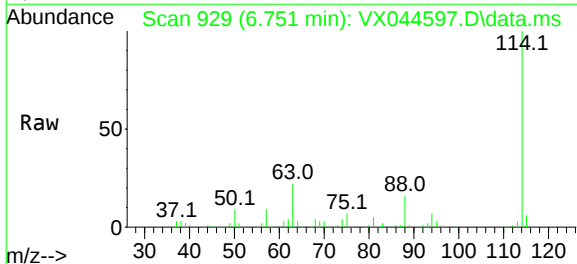
Manual Integrations
APPROVED

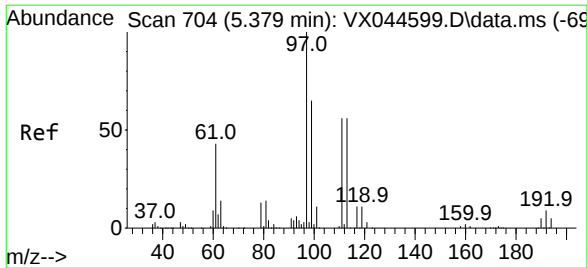
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:114 Resp: 328814
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.6
88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.166 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

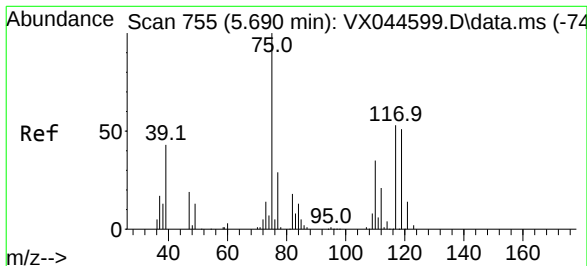
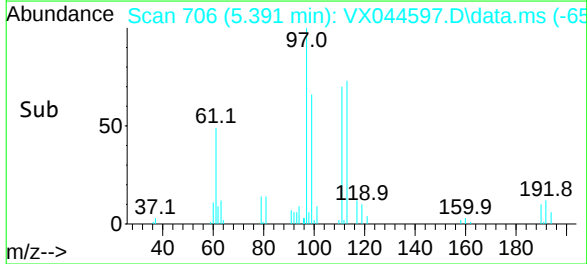
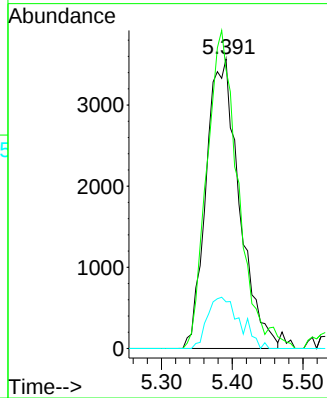
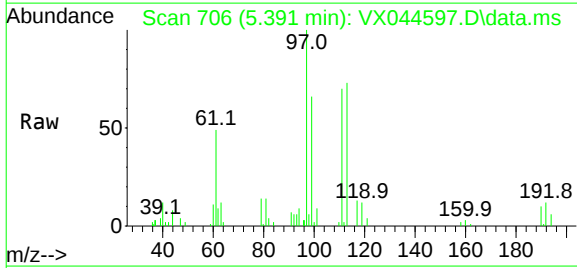
Tgt Ion:	113	Resp:	11648
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.3	124.9
192	17.2	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#36

1,1-Dichloropropene

Concen: 5.149 ug/l

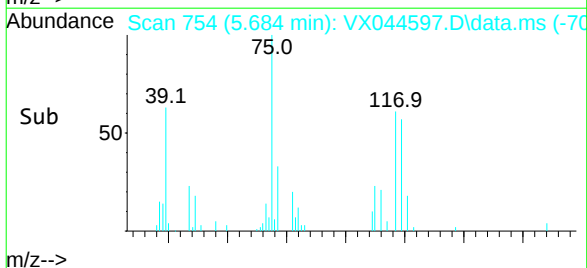
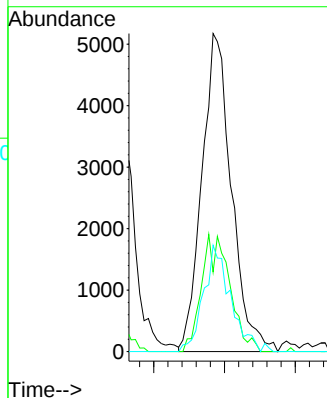
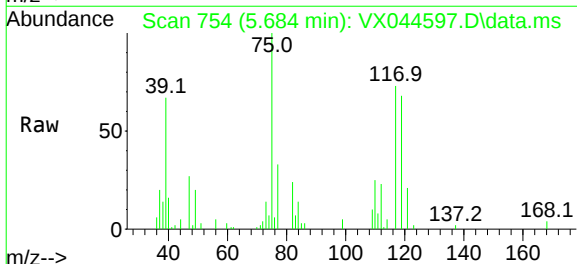
RT: 5.684 min Scan# 754

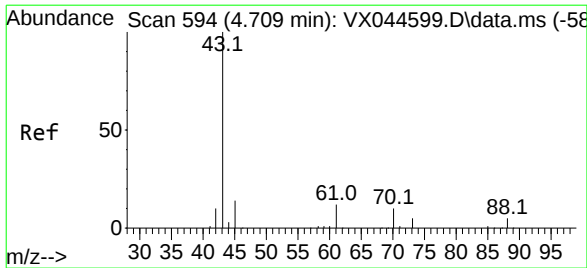
Delta R.T. -0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	75	Resp:	15012
Ion	Ratio	Lower	Upper
75	100		
110	15.9	17.3	51.9#
77	30.1	24.7	37.1





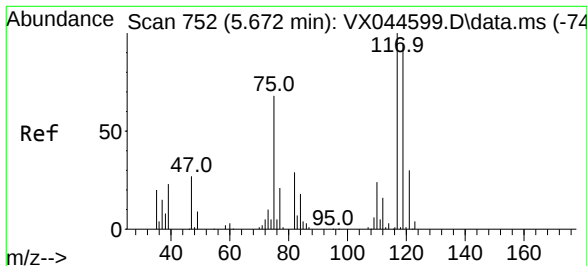
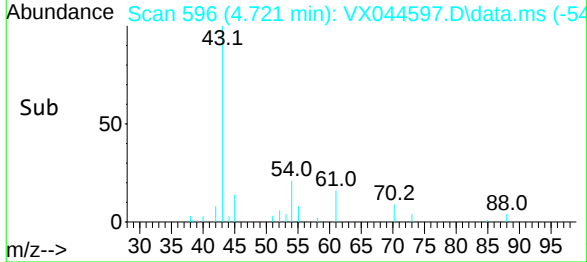
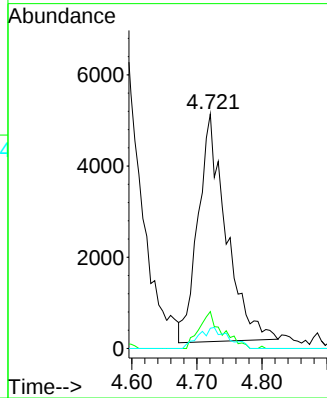
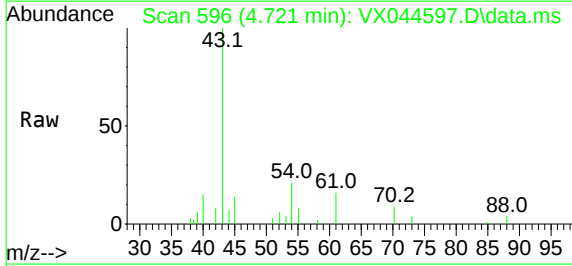
#37
Ethyl Acetate
Concen: 4.999 ug/l
RT: 4.721 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	43	Resp:	14899
Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.9	14.9
70	9.7	8.0	12.0

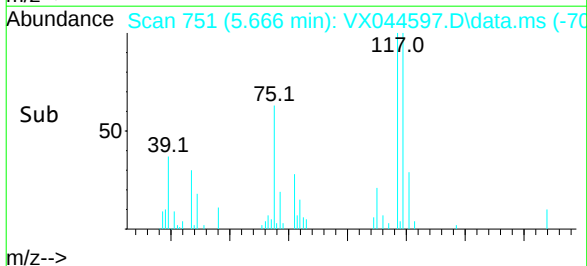
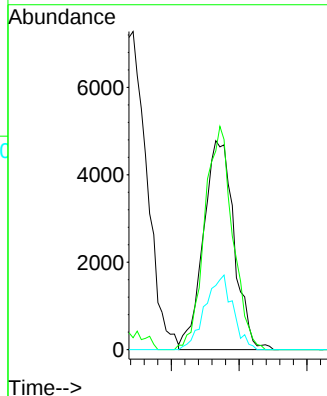
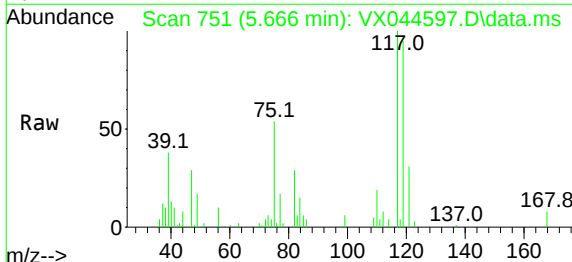
Manual Integrations
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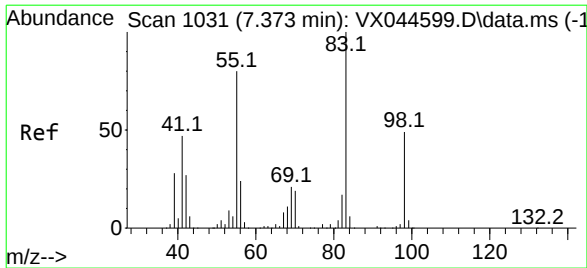
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#38
Carbon Tetrachloride
Concen: 4.641 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:	117	Resp:	15014
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.5	111.7
121	30.7	24.1	36.1





#39
Methylcyclohexane
Concen: 5.007 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

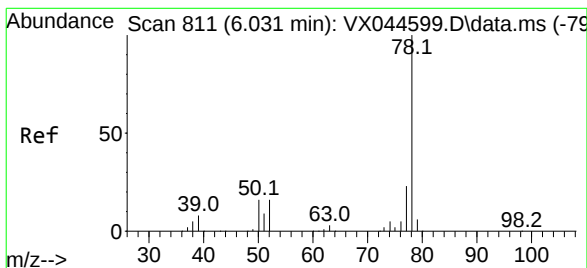
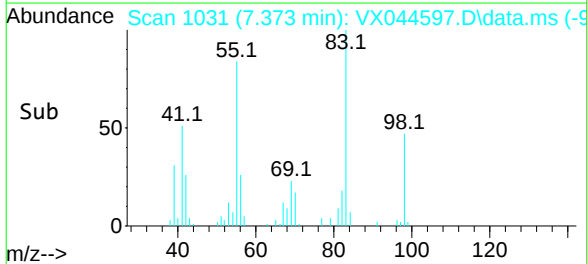
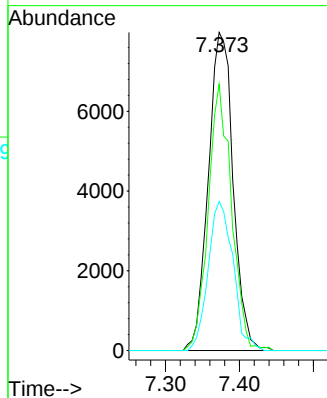
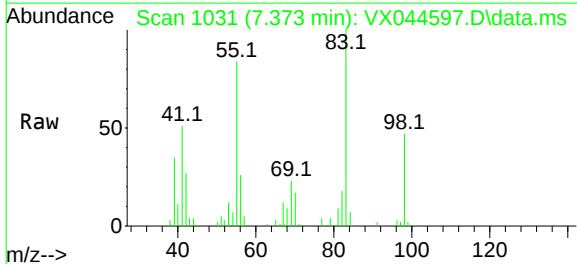
Tgt Ion: 83 Resp: 18627
Ion Ratio Lower Upper
83 100
55 83.7 64.1 96.1
98 46.8 38.9 58.3

Manual Integrations

APPROVED

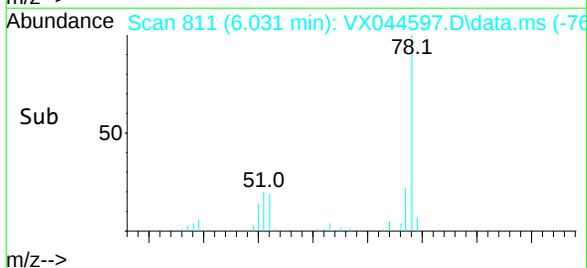
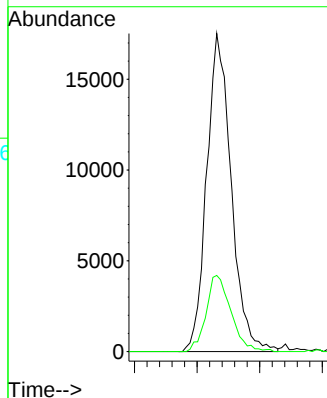
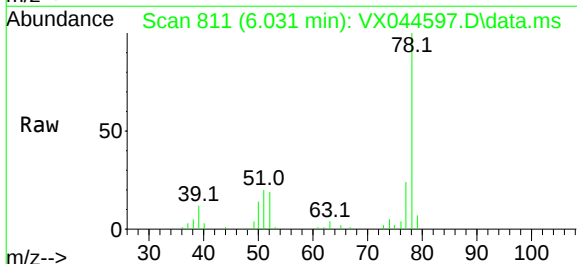
Reviewed By :John Carlone 01/08/2025

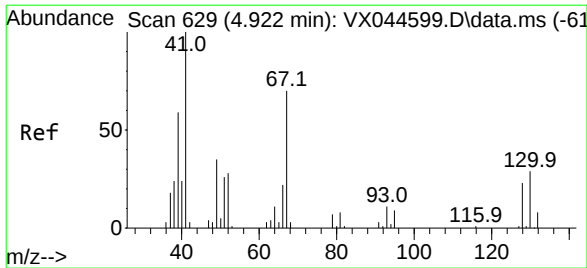
Supervised By :Mahesh Dadoda 01/08/2025



#40
Benzene
Concen: 5.191 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 78 Resp: 47650
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41

Methacrylonitrile

Concen: 5.209 ug/l

RT: 4.934 min Scan# 631

Delta R.T. 0.012 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 8340

Ion Ratio Lower Upper

41 100

39 46.3 47.0 70.4

67 72.9 57.4 86.2

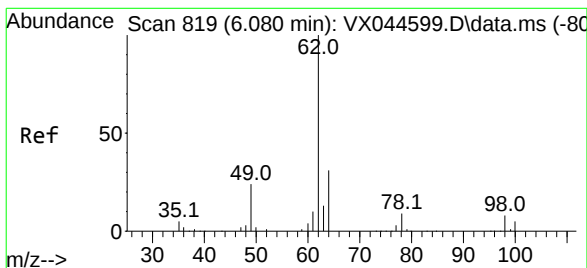
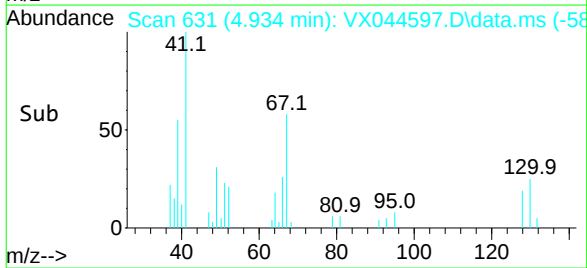
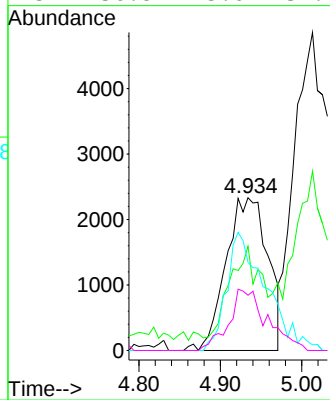
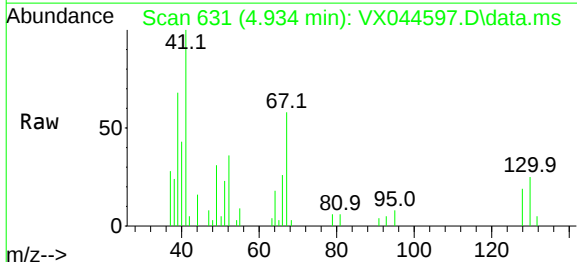
52 36.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#42

1,2-Dichloroethane

Concen: 5.371 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX044597.D

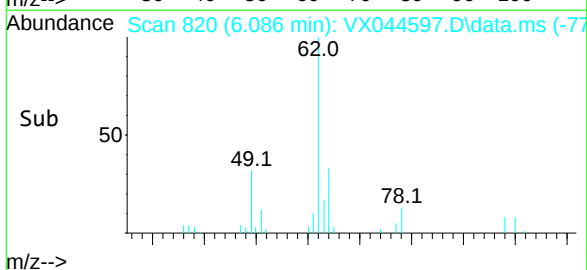
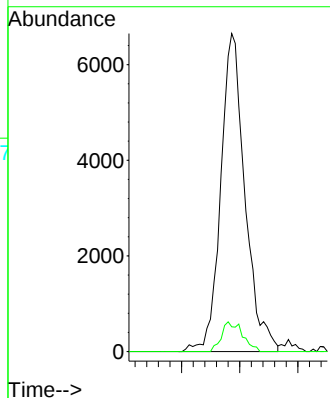
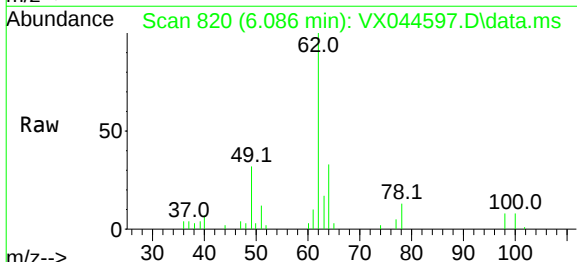
Acq: 07 Jan 2025 10:29

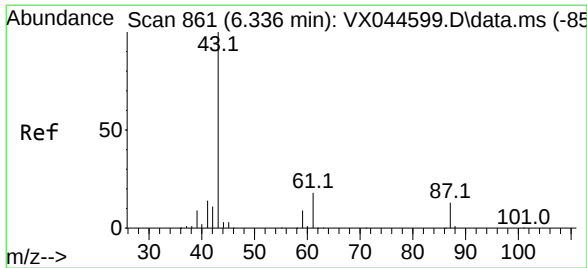
Tgt Ion: 62 Resp: 19283

Ion Ratio Lower Upper

62 100

98 8.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 5.075 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

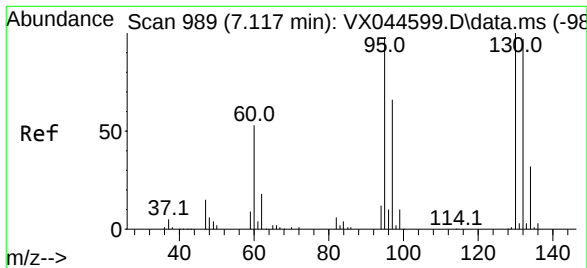
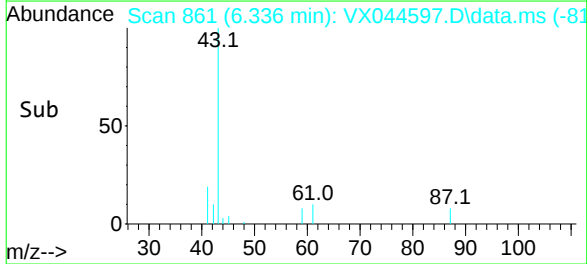
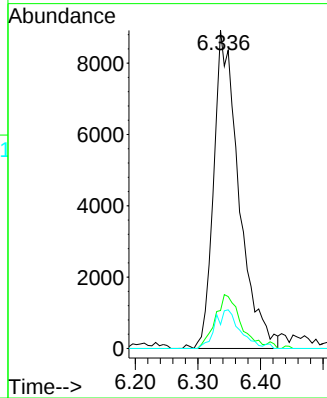
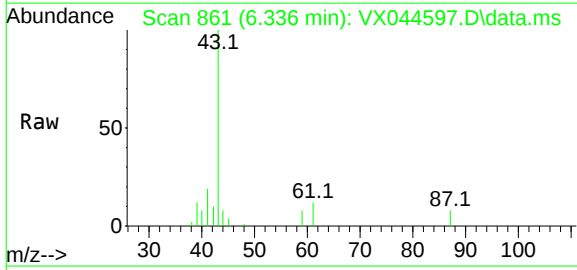
Tgt Ion:	43	Resp:	24971
Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.5	21.7
87	11.7	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Trichloroethene

Concen: 5.099 ug/l

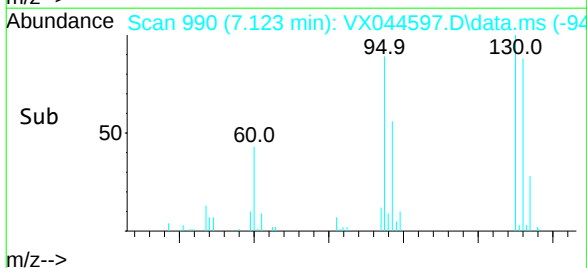
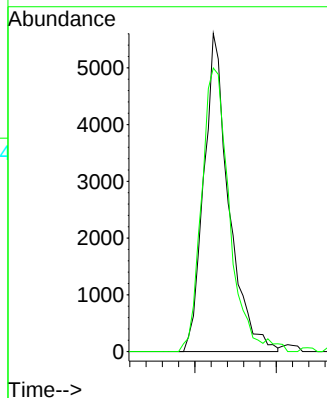
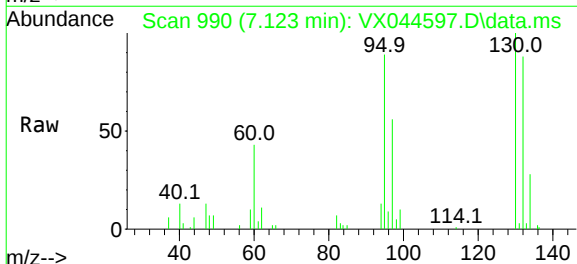
RT: 7.123 min Scan# 990

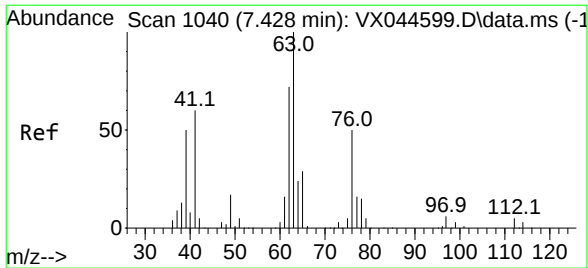
Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	130	Resp:	11966
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	195.6





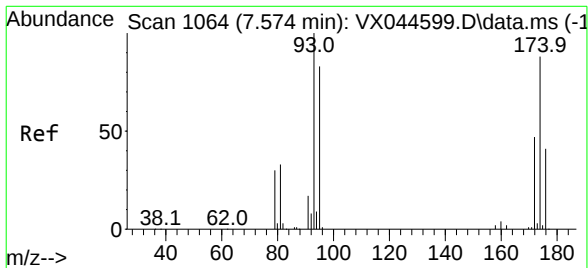
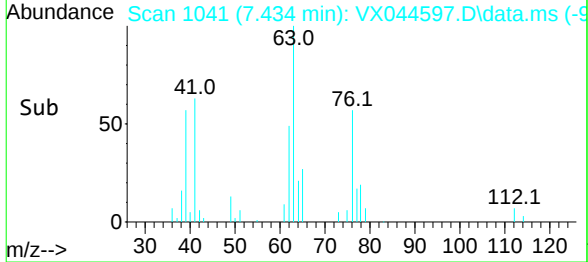
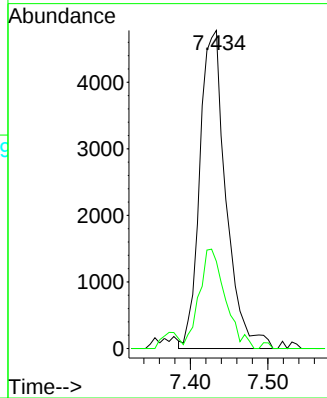
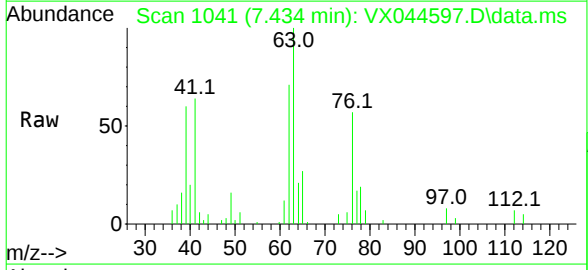
#45
1,2-Dichloropropane
Concen: 4.997 ug/l
RT: 7.434 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 11185
Ion Ratio Lower Upper
63 100
65 27.4 23.0 34.4

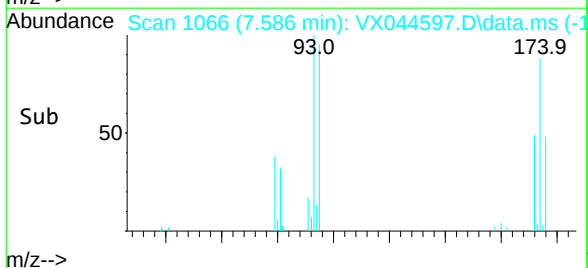
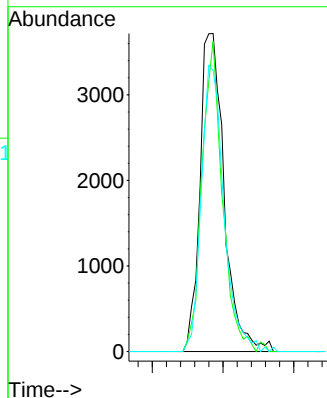
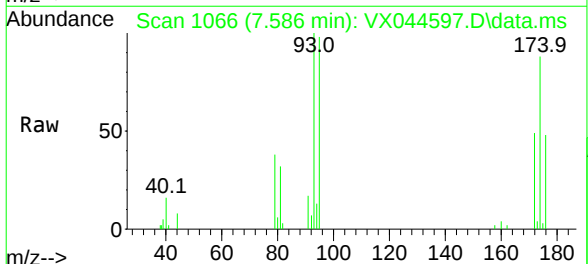
Manual Integrations
APPROVED

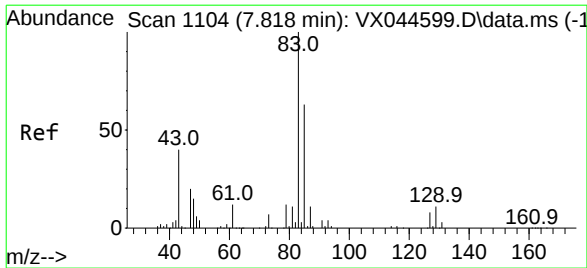
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#46
Dibromomethane
Concen: 5.071 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 93 Resp: 8827
Ion Ratio Lower Upper
93 100
95 82.7 65.8 98.6
174 84.5 73.4 110.0





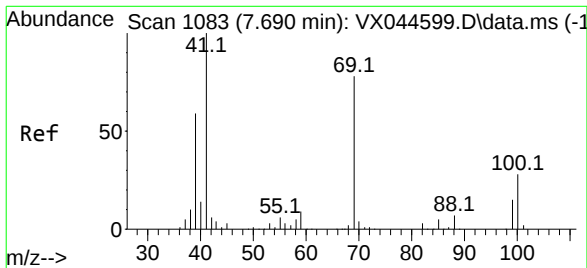
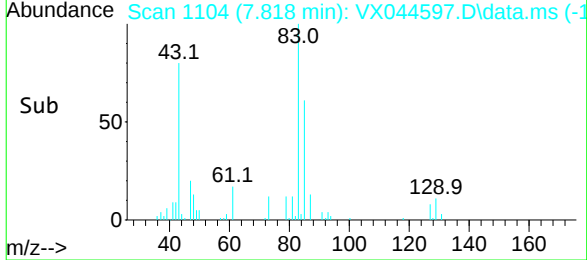
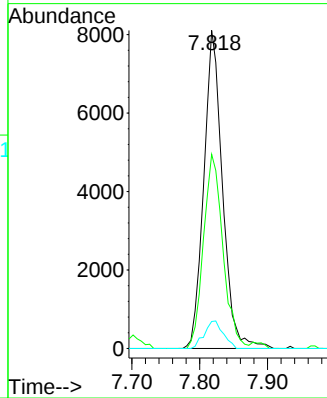
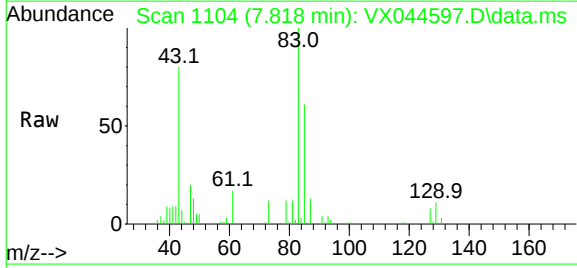
#47
Bromodichloromethane
Concen: 4.901 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83	Resp: 15524
Ion Ratio	Lower Upper
83 100	
85 61.1	50.4 75.6
127 8.5	6.2 9.4

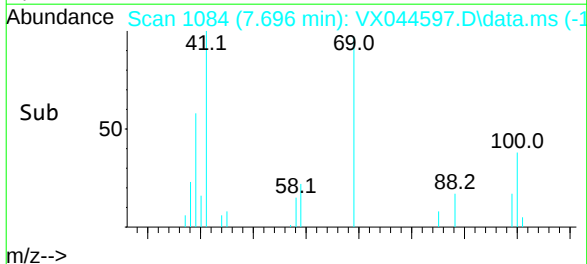
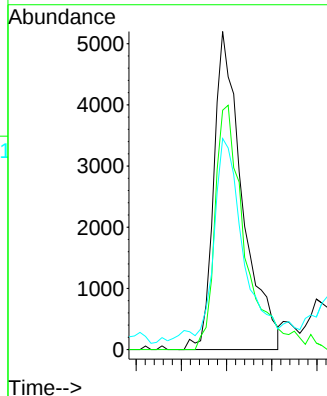
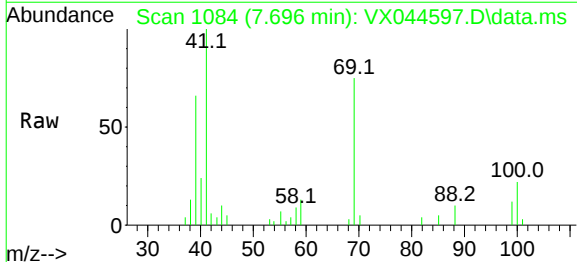
Manual Integrations
APPROVED

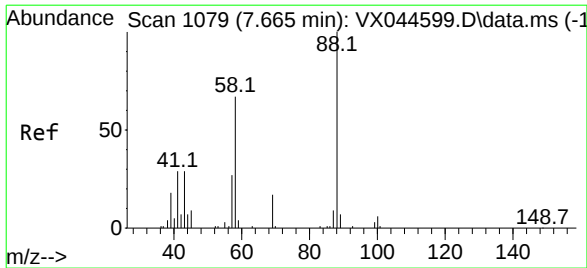
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
Methyl methacrylate
Concen: 4.870 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 41	Resp: 11428
Ion Ratio	Lower Upper
41 100	
69 80.3	62.9 94.3
39 68.6	48.9 73.3





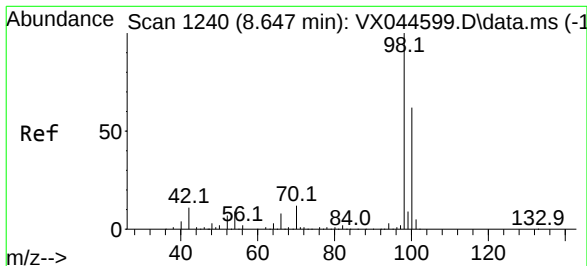
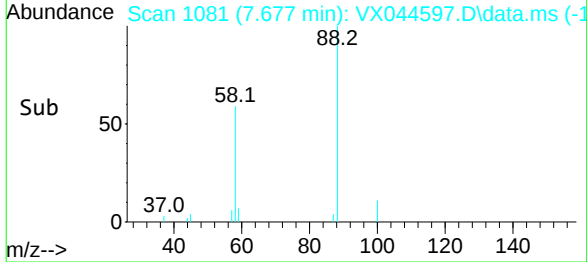
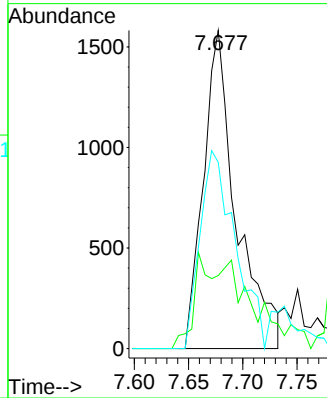
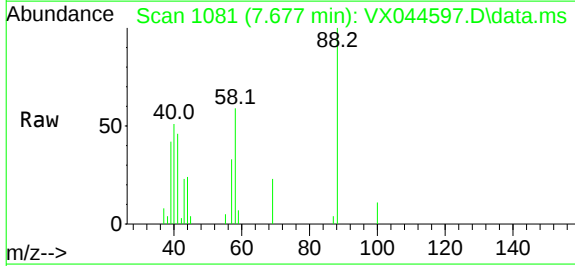
#49
1,4-Dioxane
Concen: 96.762 ug/l
RT: 7.677 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3337
Ion Ratio Lower Upper
88 100
43 0.0 29.5 44.3#
58 66.5 56.3 84.5

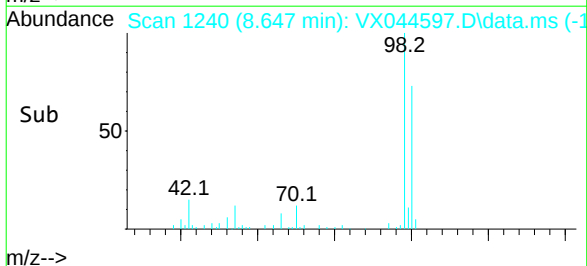
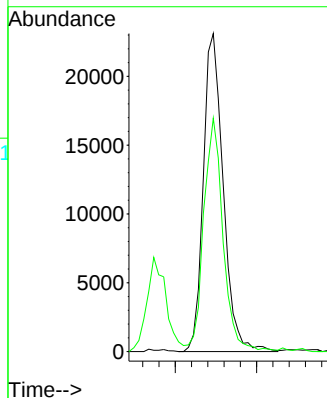
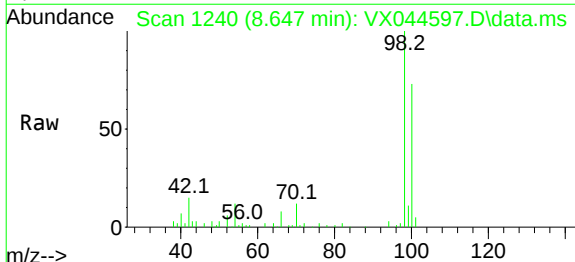
Manual Integrations
APPROVED

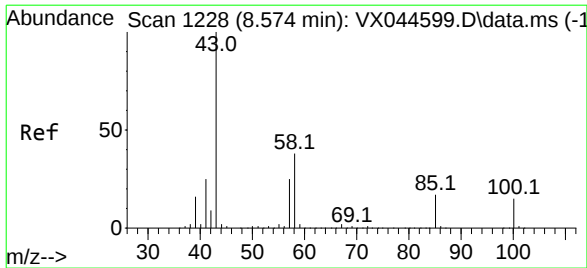
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#50
Toluene-d8
Concen: 5.090 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 98 Resp: 39205
Ion Ratio Lower Upper
98 100
100 70.3 52.5 78.7





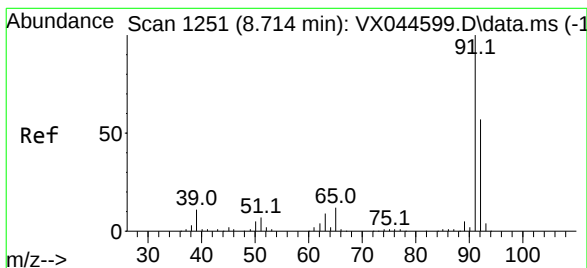
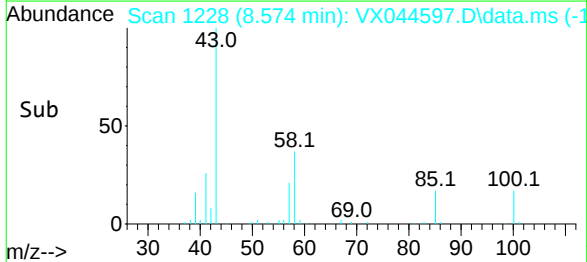
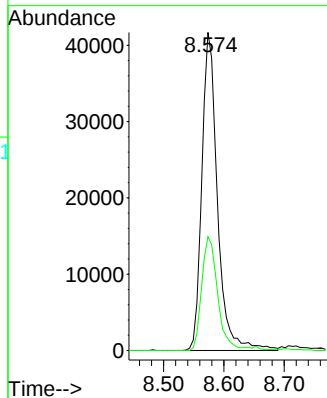
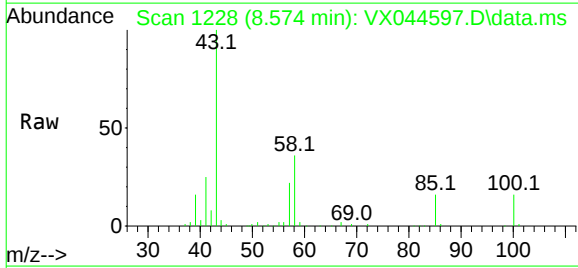
#51
4-Methyl-2-Pentanone
Concen: 26.029 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 74867
Ion Ratio Lower Upper
43 100
58 36.5 30.0 45.0

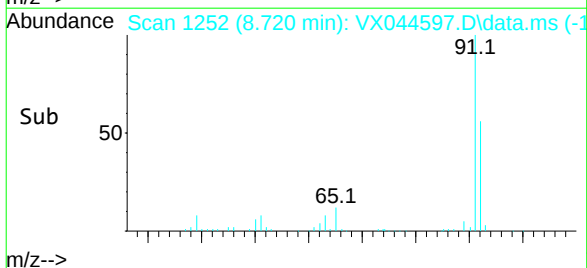
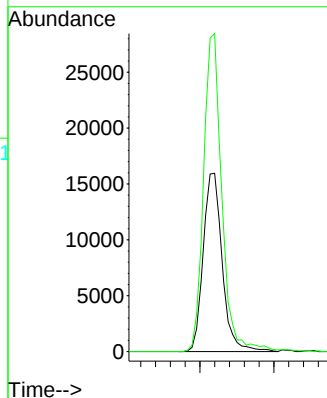
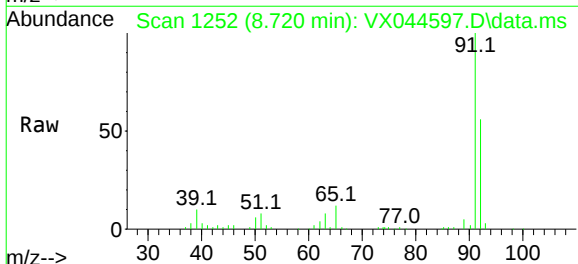
Manual Integrations
APPROVED

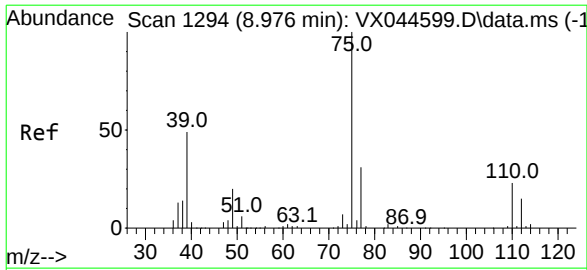
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
Toluene
Concen: 5.147 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

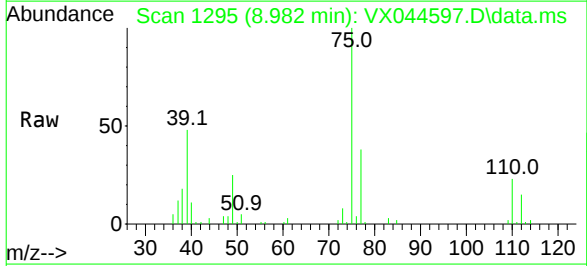
Tgt Ion: 92 Resp: 28506
Ion Ratio Lower Upper
92 100
91 172.1 140.6 210.8





#53
t-1,3-Dichloropropene
Concen: 4.521 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

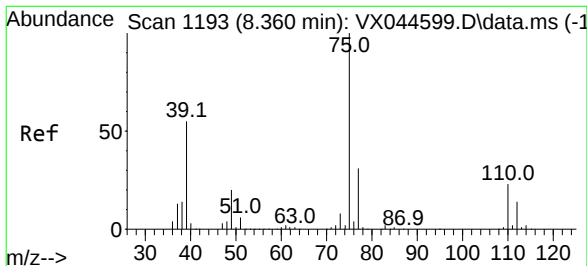
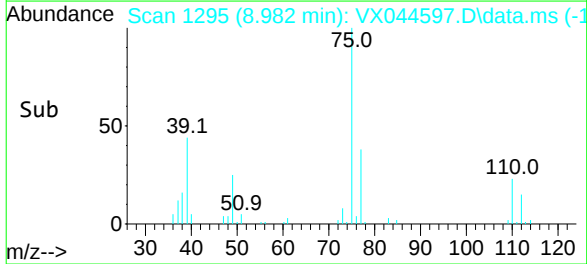
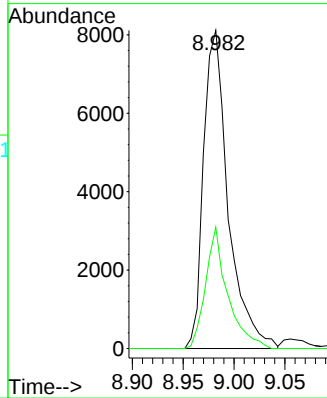
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 13689
Ion Ratio Lower Upper
75 100
77 38.1 24.8 37.2

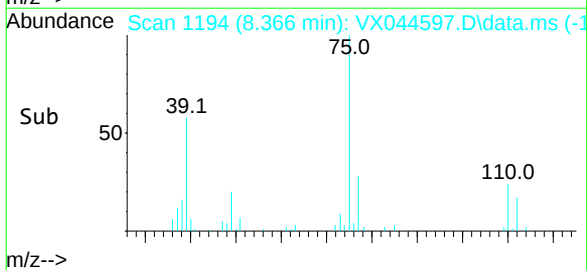
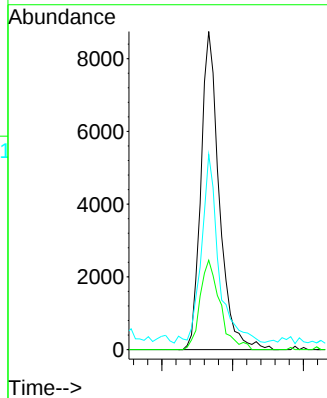
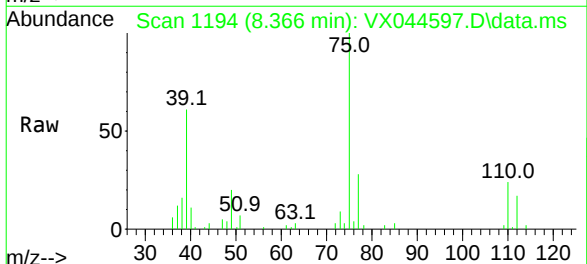
Manual Integrations
APPROVED

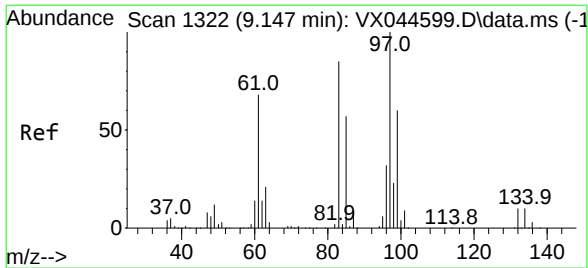
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#54
cis-1,3-Dichloropropene
Concen: 4.640 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 75 Resp: 15789
Ion Ratio Lower Upper
75 100
77 28.1 24.5 36.7
39 59.0 44.3 66.5





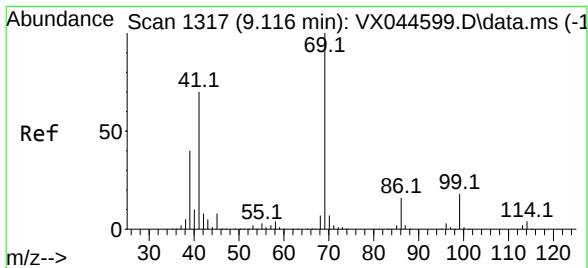
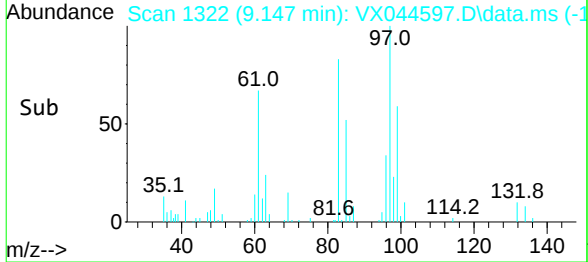
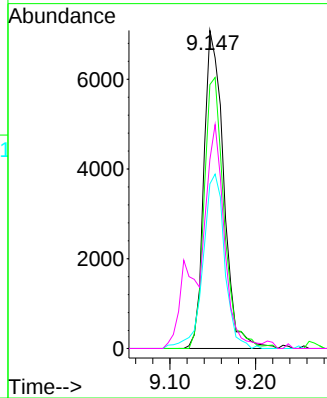
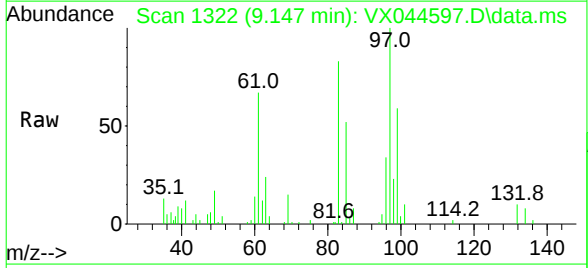
#55
1,1,2-Trichloroethane
Concen: 5.218 ug/l
RT: 9.147 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:	97	Resp:	11331
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.0	102.0
85	51.7	45.4	68.0
99	59.4	48.4	72.6

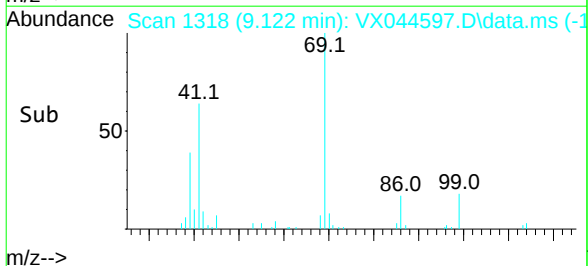
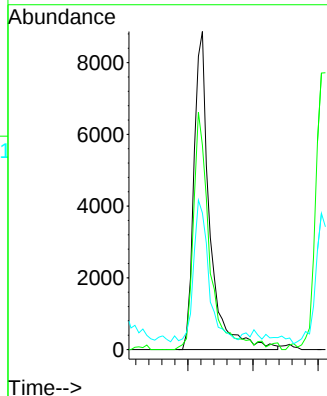
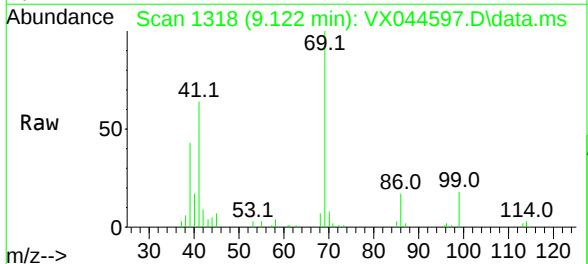
Manual Integrations
APPROVED

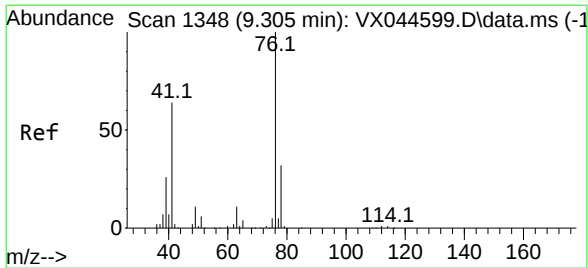
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#56
Ethyl methacrylate
Concen: 4.741 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:	69	Resp:	14973
Ion	Ratio	Lower	Upper
69	100		
41	75.3	57.7	86.5
39	42.6	33.7	50.5





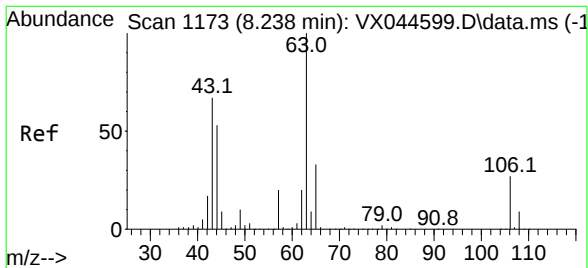
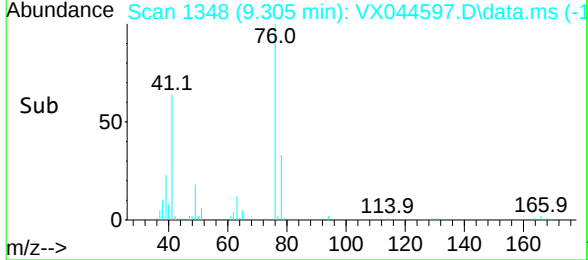
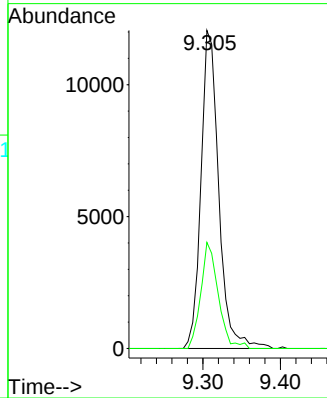
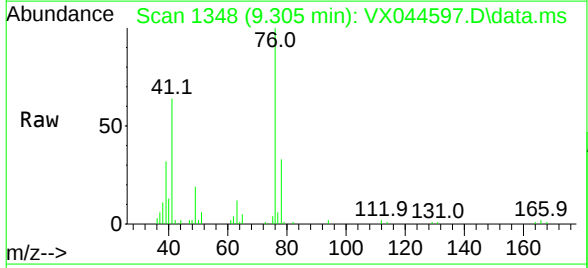
#57
1,3-Dichloropropane
Concen: 5.271 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument : MSVOA_X
ClientSampleId : VSTDICC005

Tgt Ion: 76 Resp: 19219
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

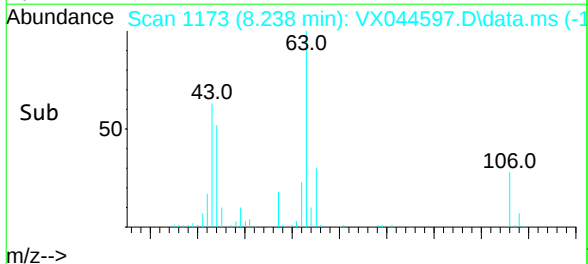
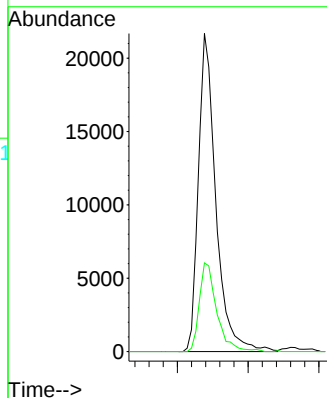
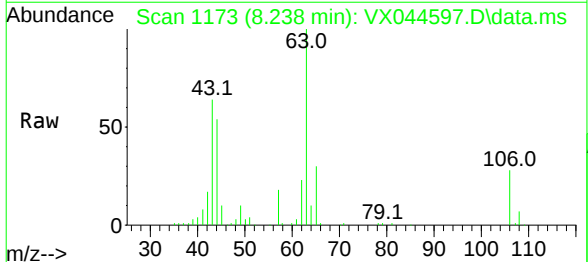
Manual Integrations
APPROVED

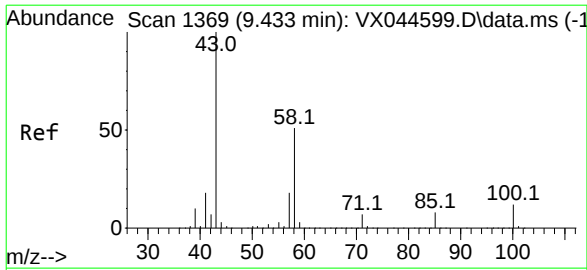
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 23.707 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 63 Resp: 37113
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6





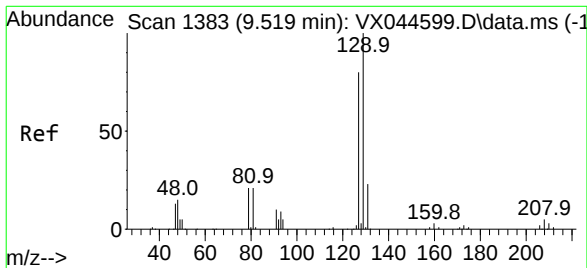
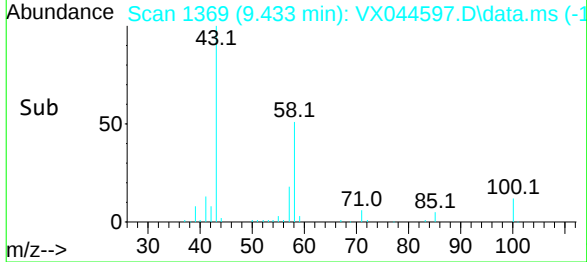
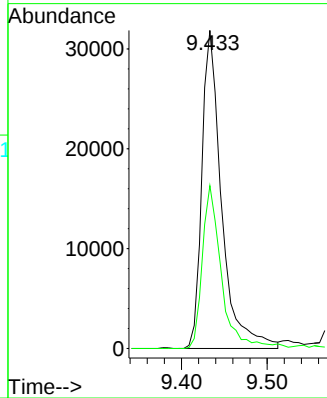
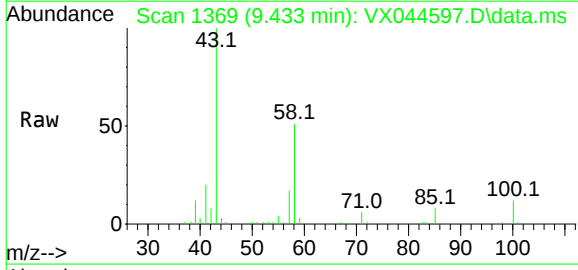
#59
2-Hexanone
Concen: 25.095 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 51047
Ion Ratio Lower Upper
43 100
58 49.5 25.4 76.4

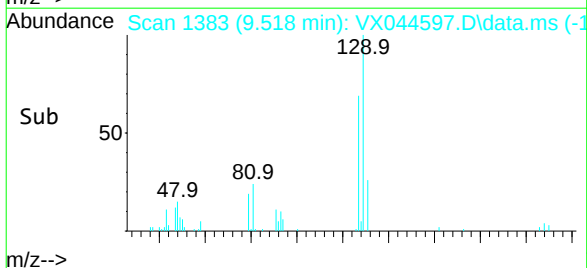
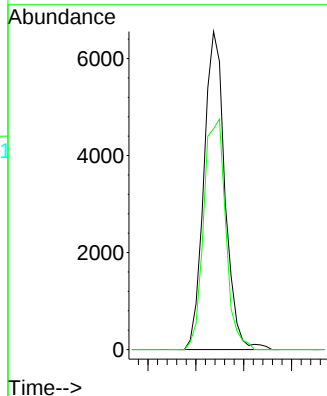
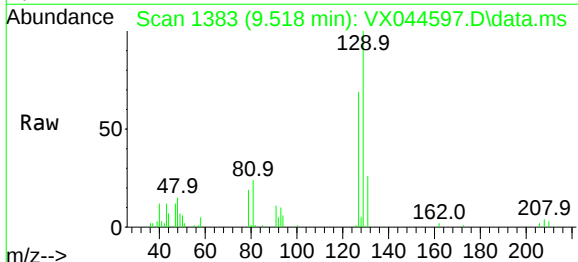
Manual Integrations
APPROVED

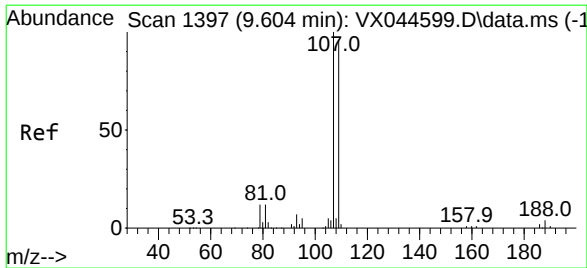
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
Dibromochloromethane
Concen: 4.629 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:129 Resp: 10022
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.7





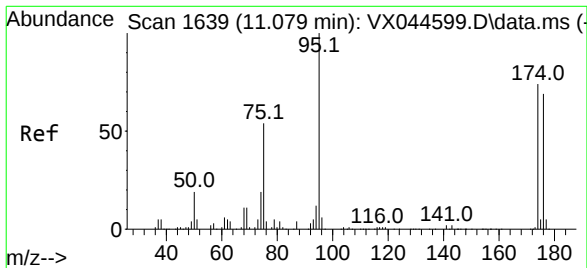
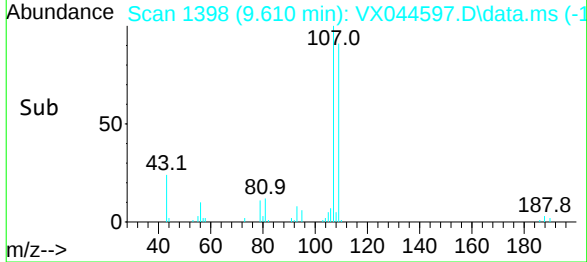
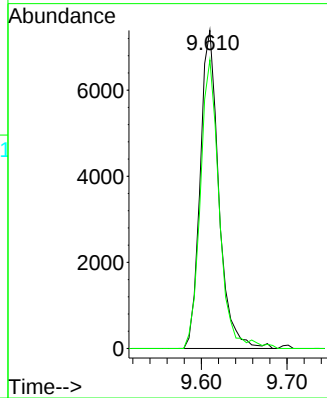
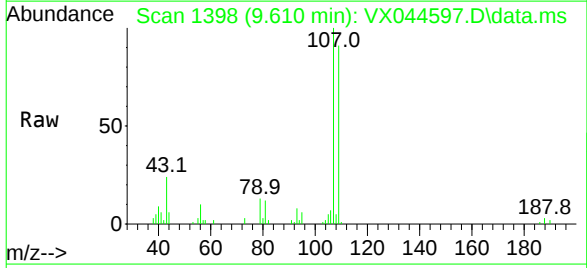
#61
1,2-Dibromoethane
Concen: 5.093 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 11169
Ion Ratio Lower Upper
107 100
109 92.1 76.7 115.1

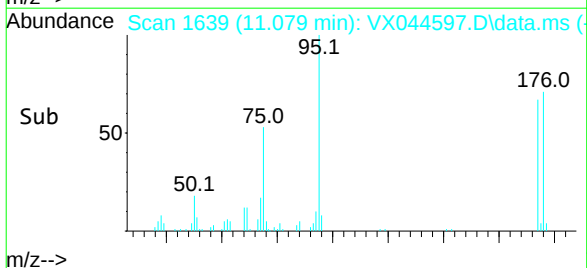
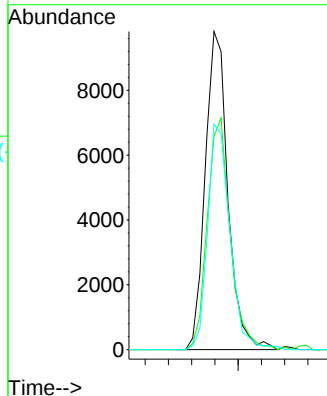
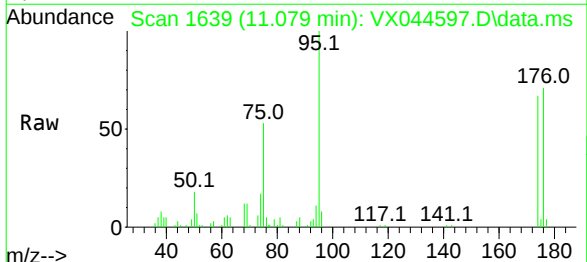
Manual Integrations
APPROVED

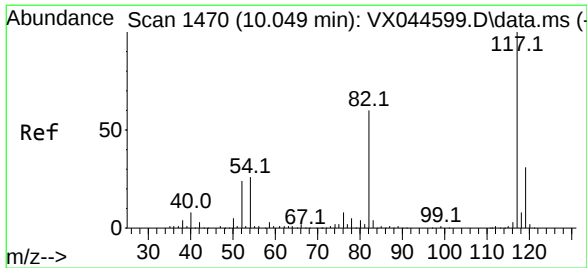
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
4-Bromofluorobenzene
Concen: 4.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 95 Resp: 13290
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.8
176 70.1 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

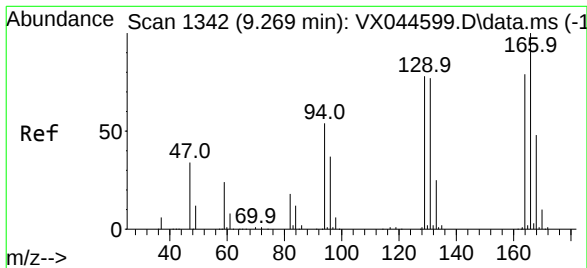
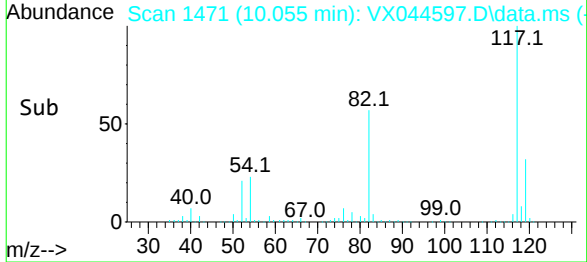
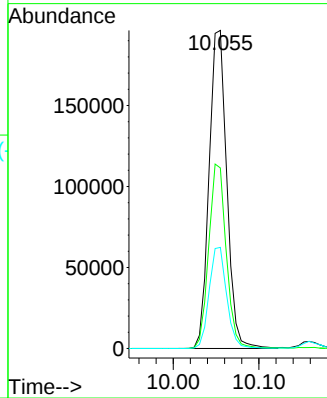
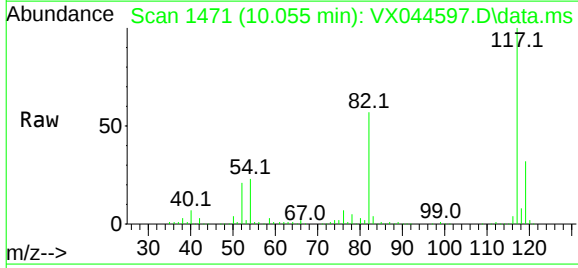
Tgt Ion:	117	Resp:	281481
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.8	71.6
119	31.8	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#64

Tetrachloroethene

Concen: 5.236 ug/l

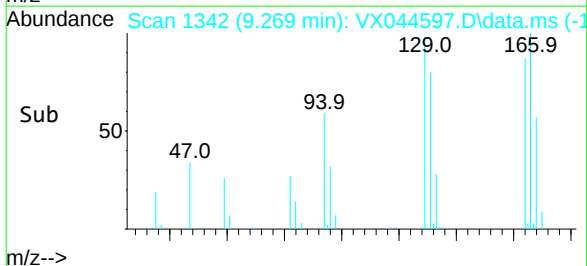
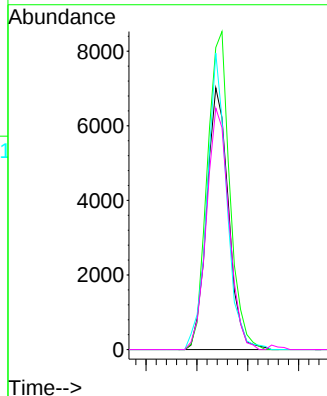
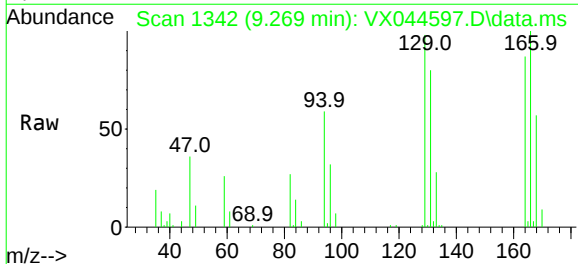
RT: 9.269 min Scan# 1342

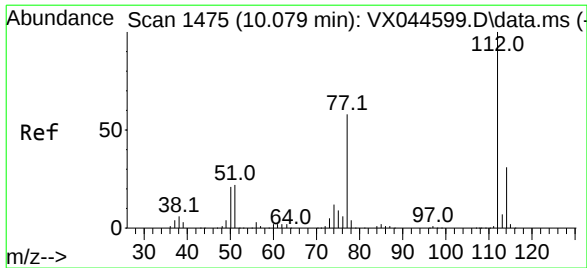
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	164	Resp:	10421
Ion	Ratio	Lower	Upper
164	100		
166	115.4	101.5	152.3
129	113.2	78.9	118.3
131	92.3	77.9	116.9





#65

Chlorobenzene

Concen: 5.132 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 30656

Ion Ratio Lower Upper

112 100

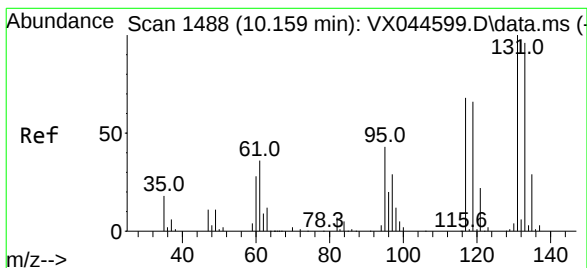
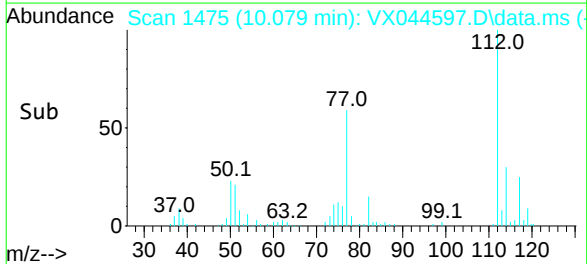
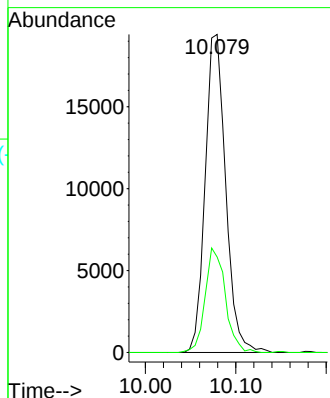
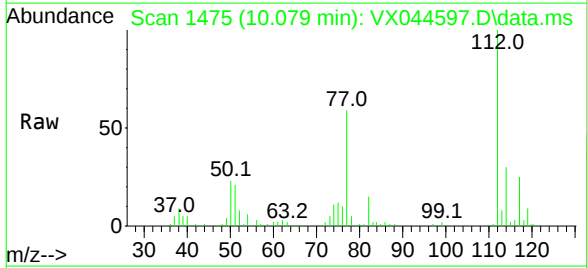
114 30.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 4.834 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

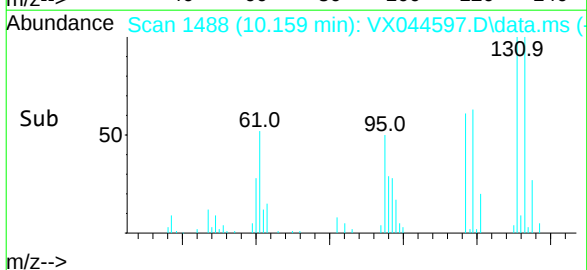
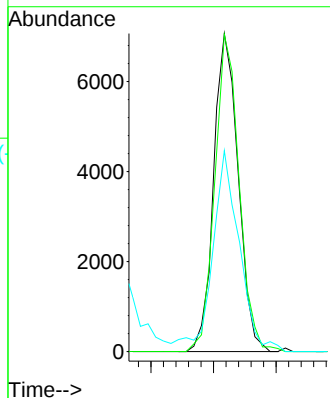
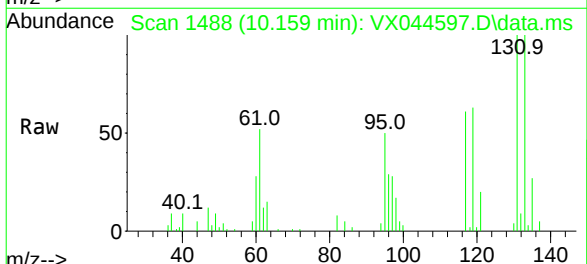
Tgt Ion:131 Resp: 9592

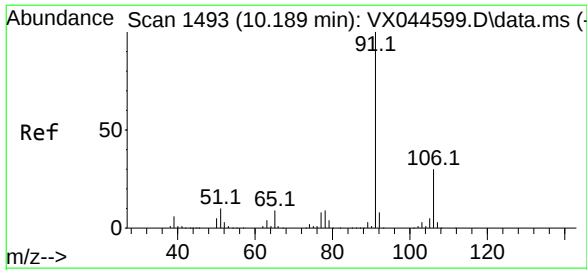
Ion Ratio Lower Upper

131 100

133 99.1 48.0 144.0

119 69.1 32.8 98.4





#67

Ethyl Benzene

Concen: 5.086 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 52173

Ion Ratio Lower Upper

91 100

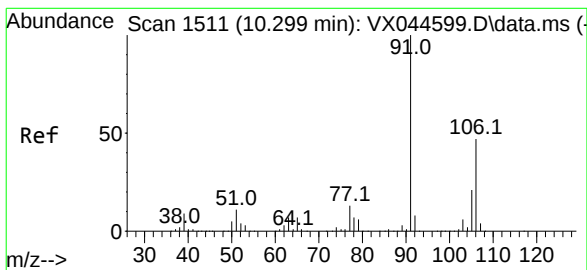
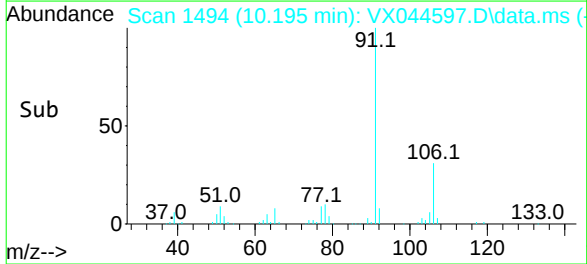
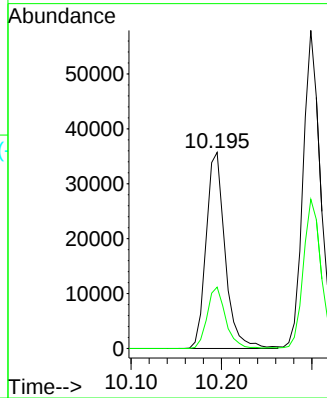
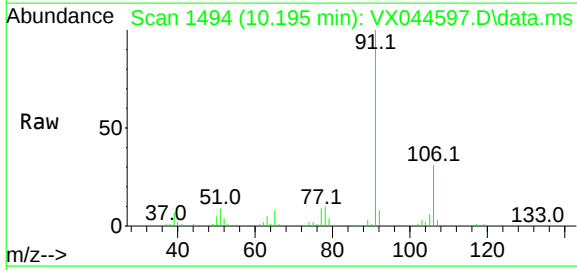
106 31.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#68

m/p-Xylenes

Concen: 10.109 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044597.D

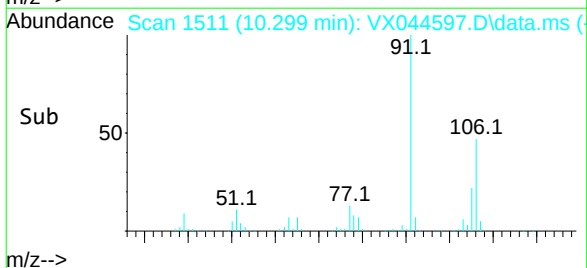
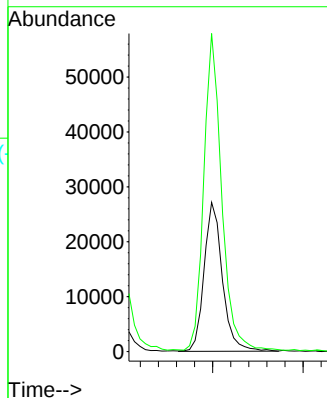
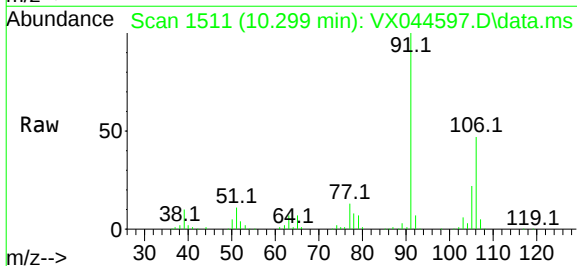
Acq: 07 Jan 2025 10:29

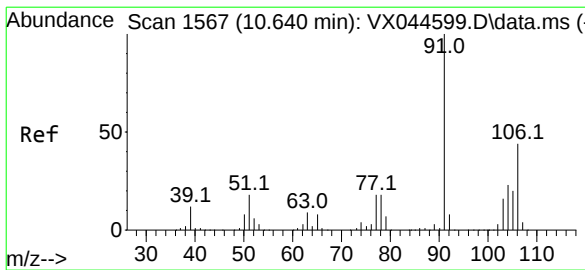
Tgt Ion:106 Resp: 38109

Ion Ratio Lower Upper

106 100

91 207.7 170.4 255.6





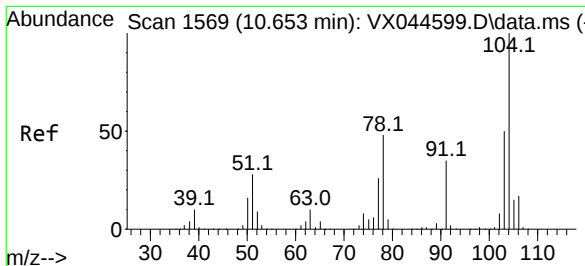
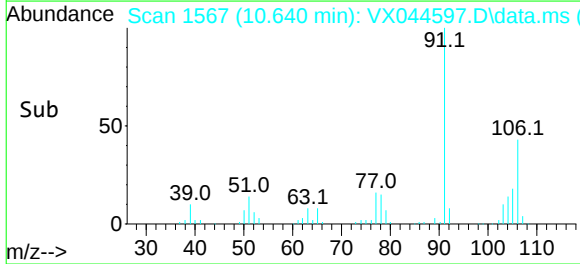
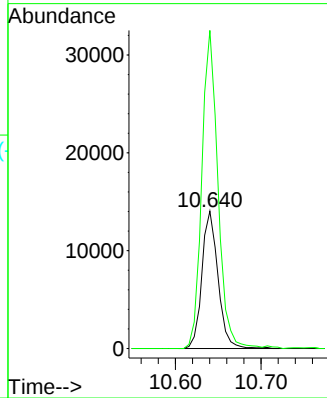
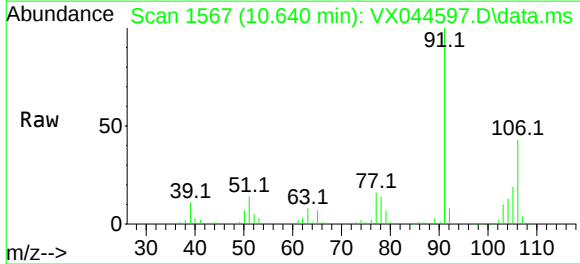
#69
o-Xylene
Concen: 4.812 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 18309
Ion Ratio Lower Upper
106 100
91 231.2 112.3 336.8

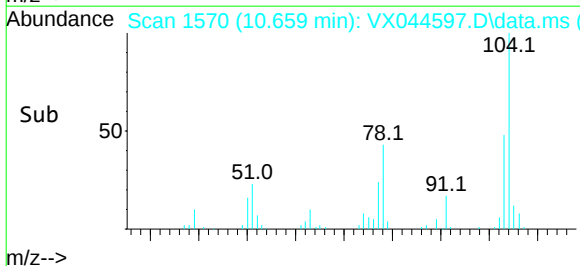
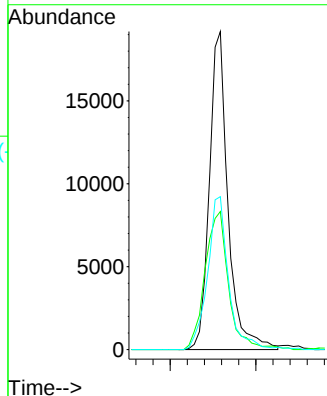
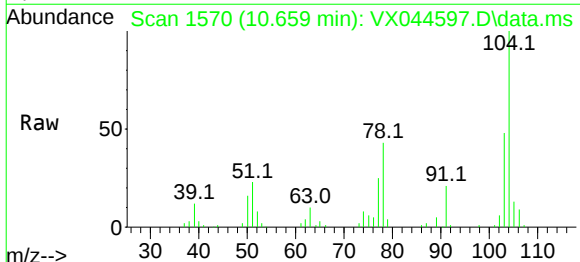
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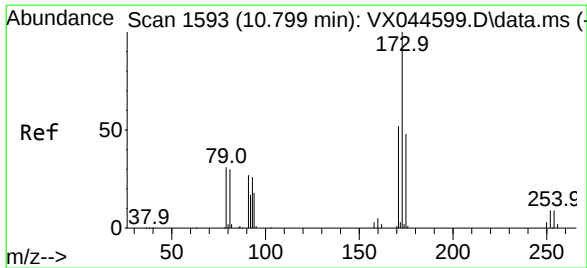
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70
Styrene
Concen: 4.745 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:104 Resp: 28881
Ion Ratio Lower Upper
104 100
78 55.2 44.0 66.0
103 54.6 43.8 65.6





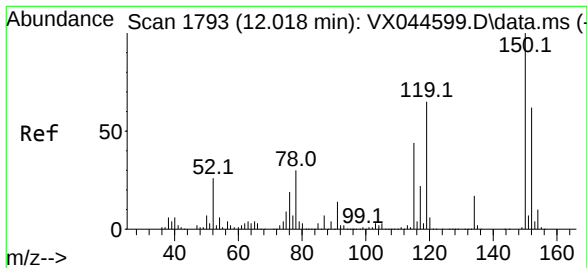
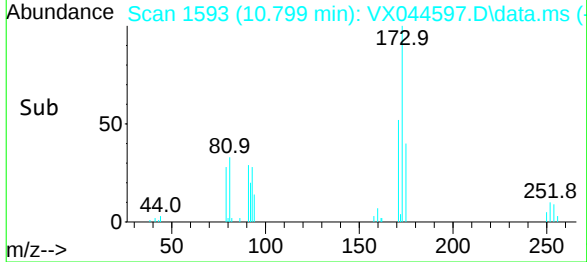
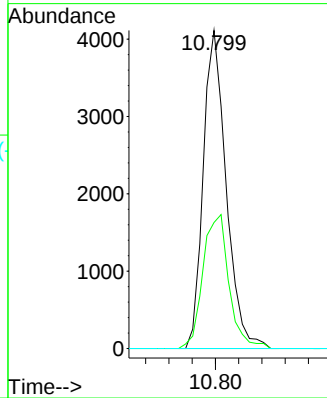
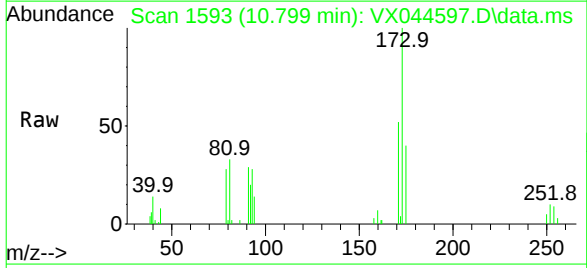
#71
Bromoform
Concen: 4.960 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.6	73.8
254	0.0	0.0	0.0

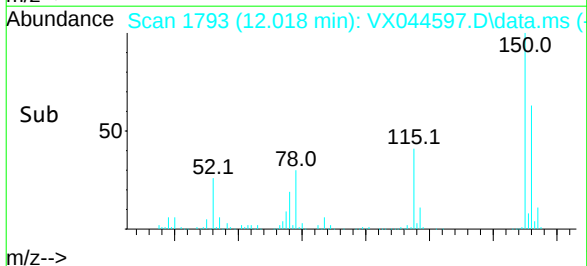
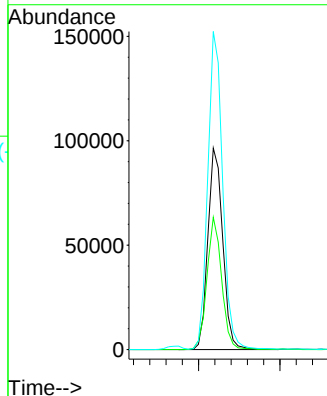
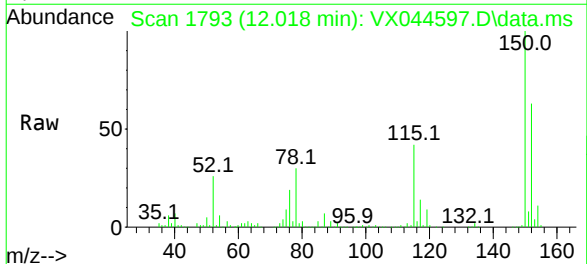
Manual Integrations
APPROVED

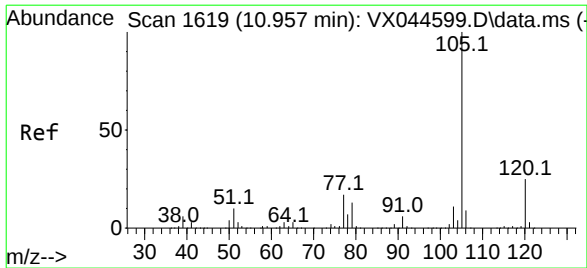
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	44.4	133.1
150	156.9	0.0	355.0





#73

Isopropylbenzene

Concen: 5.131 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

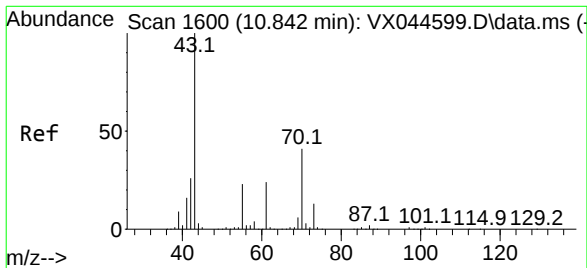
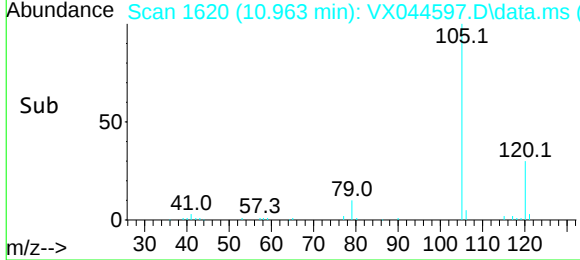
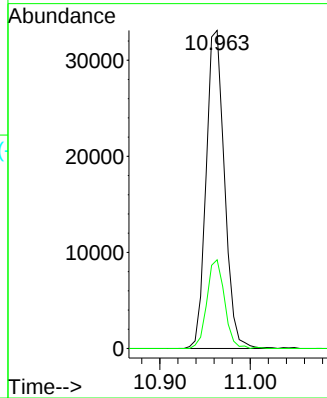
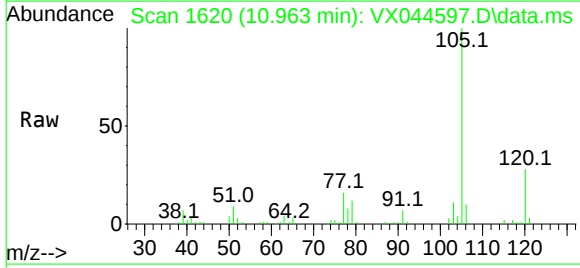
Tgt Ion: 105 Resp: 46634
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

N-ethyl acetate

Concen: 5.114 ug/l

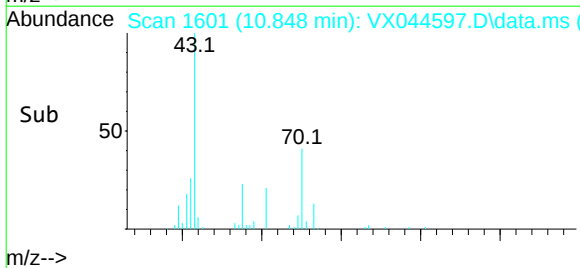
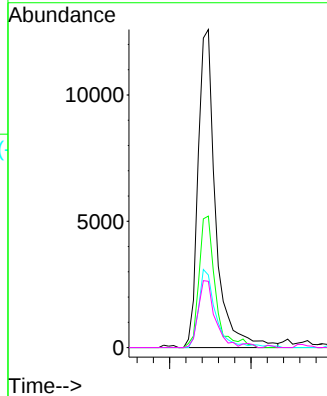
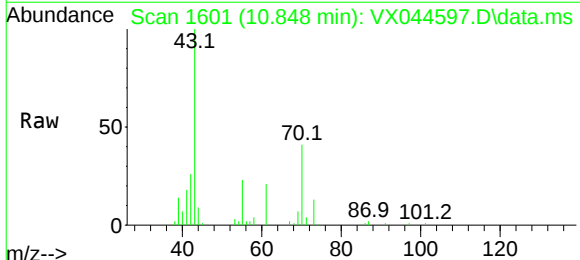
RT: 10.848 min Scan# 1601

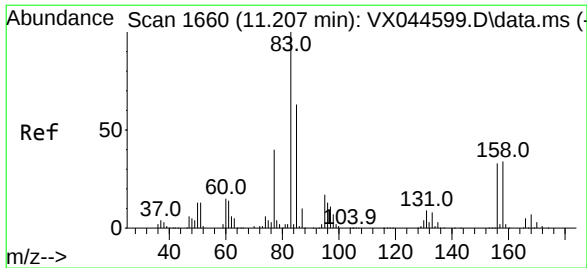
Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion: 43 Resp: 18861
 Ion Ratio Lower Upper
 43 100
 70 38.5 32.9 49.3
 55 23.9 19.0 28.6
 61 19.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.528 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

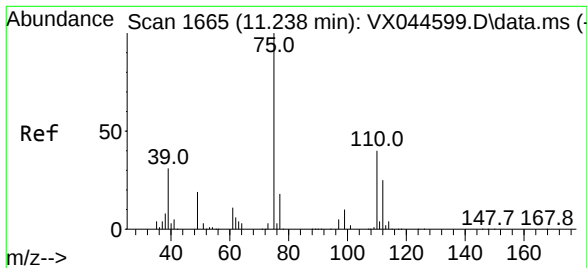
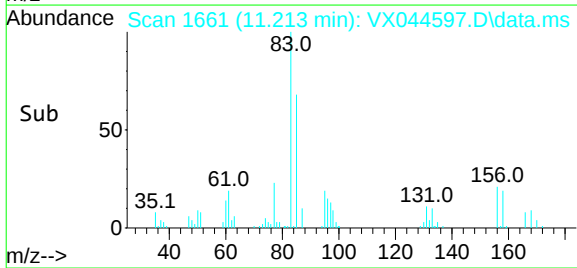
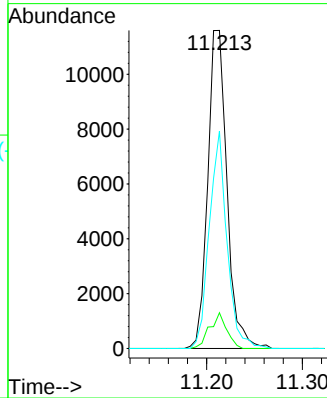
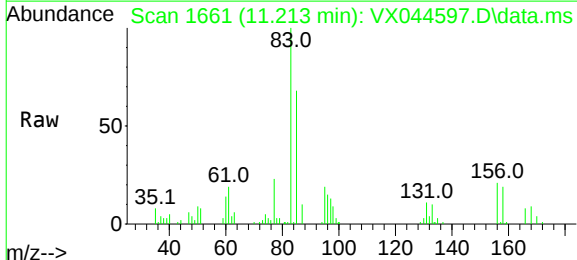
Tgt Ion:	83	Resp:	16194
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	62.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#76

1,2,3-Trichloropropane

Concen: 5.262 ug/l m

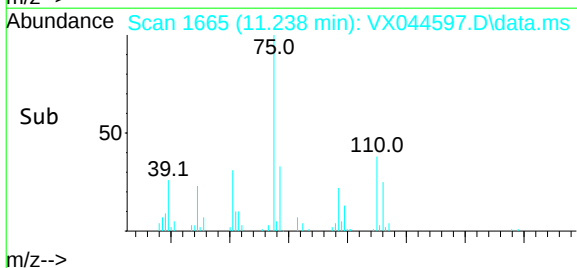
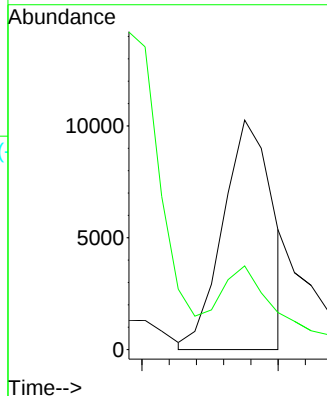
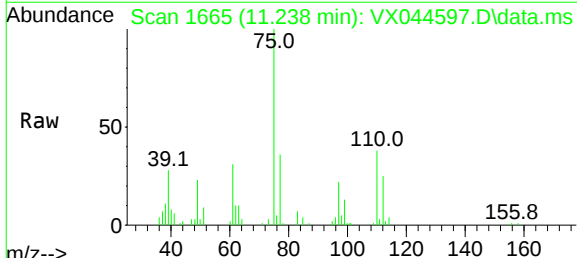
RT: 11.238 min Scan# 1665

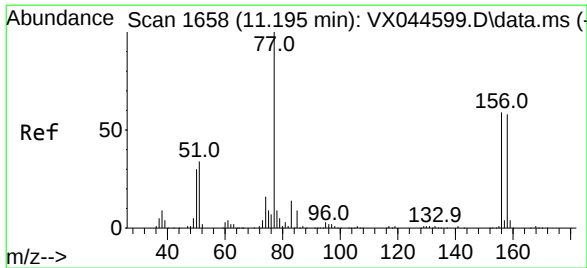
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	75	Resp:	12940
Ion	Ratio	Lower	Upper
75	100		
77	46.4	21.1	63.1





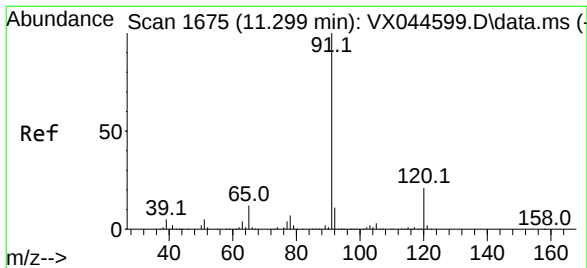
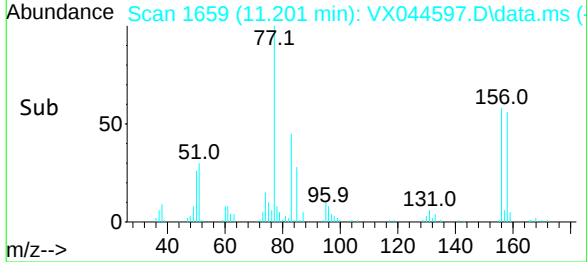
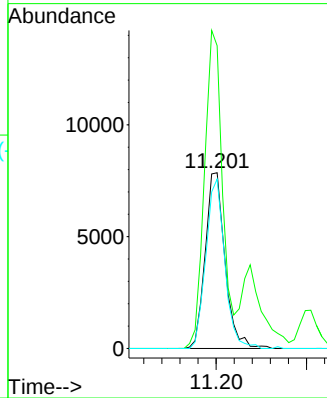
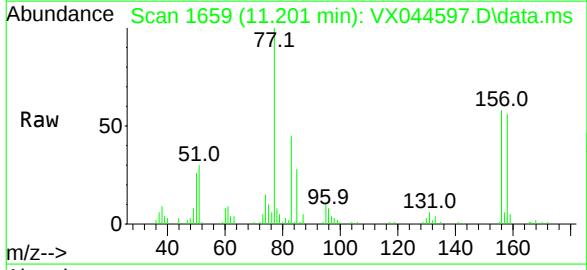
#77
Bromobenzene
Concen: 5.413 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 11951
Ion Ratio Lower Upper
156 100
77 164.0 85.7 257.1
158 92.2 49.9 149.6

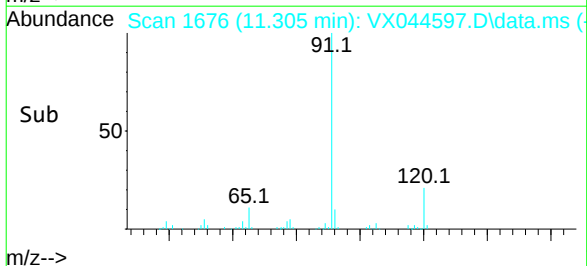
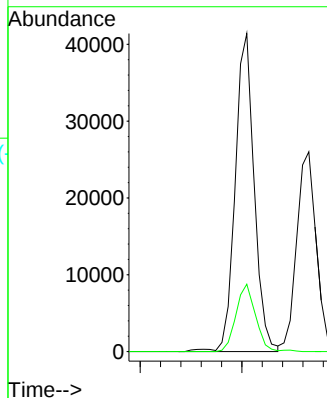
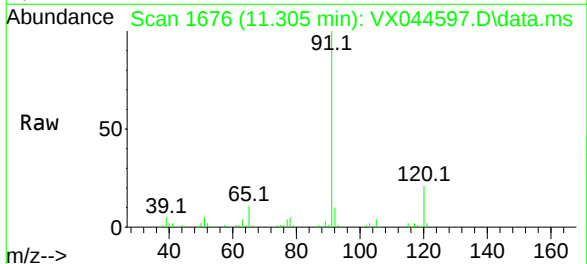
Manual Integrations
APPROVED

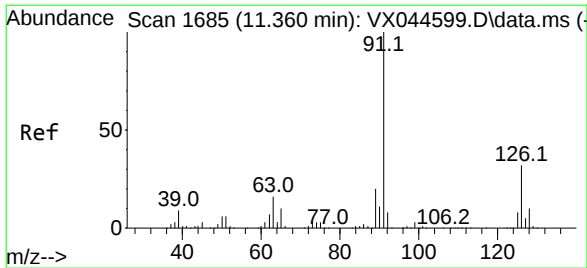
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
n-propylbenzene
Concen: 5.237 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 91 Resp: 53610
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 5.330 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 35356

Ion Ratio Lower Upper

91 100

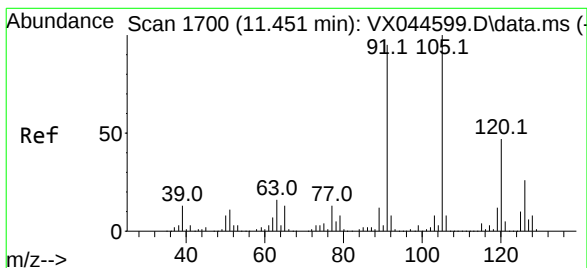
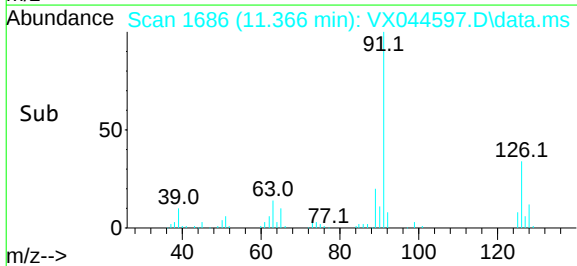
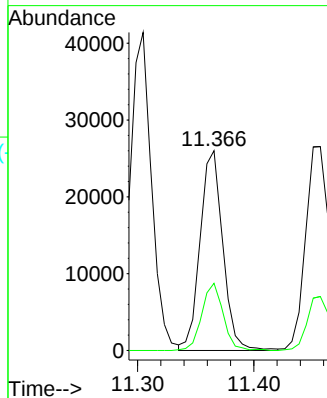
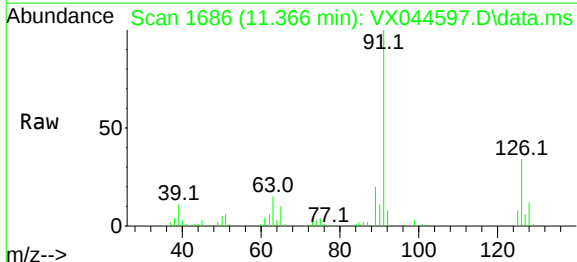
126 31.7 16.4 49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#80

1,3,5-Trimethylbenzene

Concen: 5.422 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044597.D

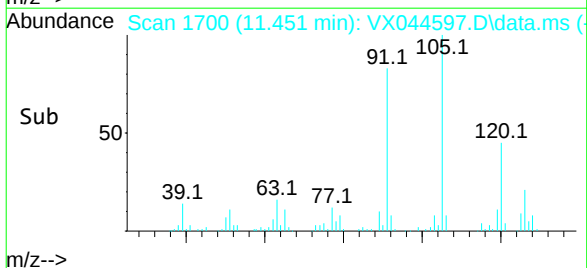
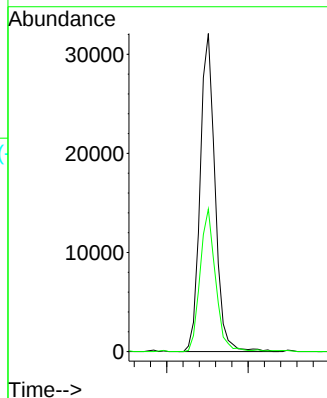
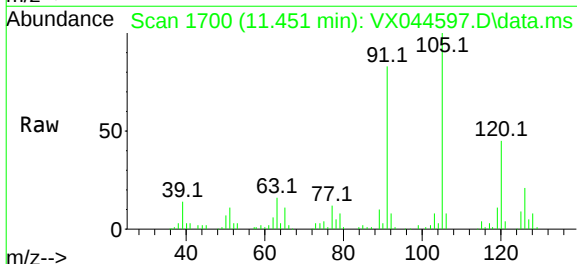
Acq: 07 Jan 2025 10:29

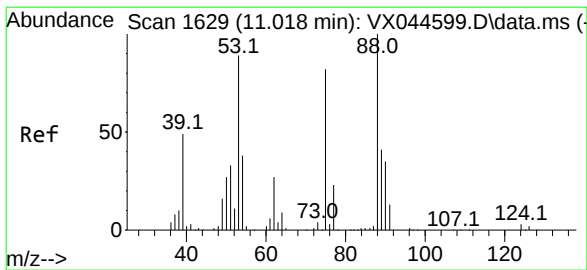
Tgt Ion:105 Resp: 40862

Ion Ratio Lower Upper

105 100

120 46.3 23.5 70.5





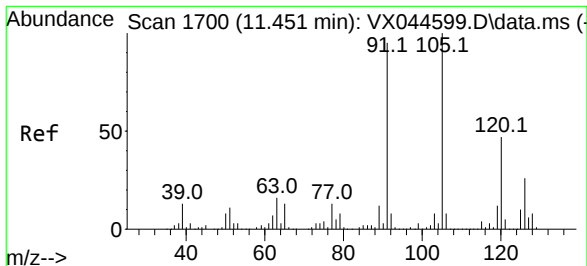
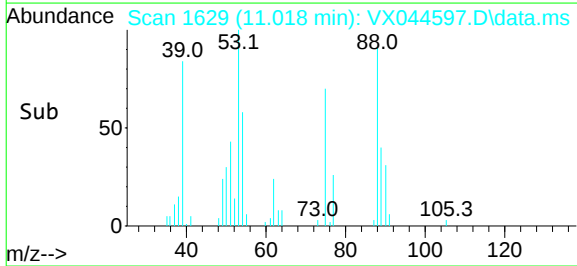
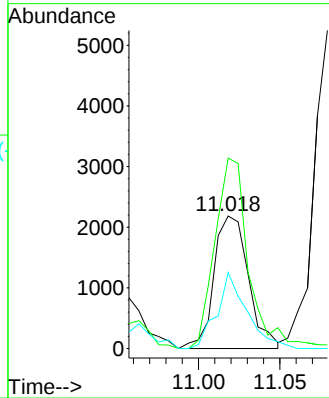
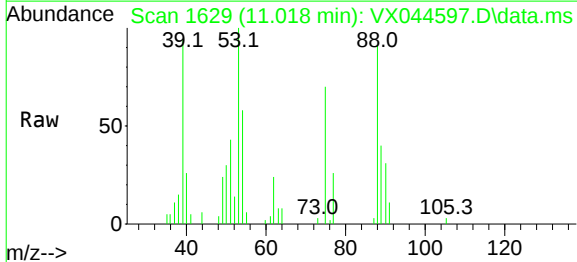
#81
trans-1,4-Dichloro-2-butene
Concen: 3.975 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 75 Resp: 3211
Ion Ratio Lower Upper
75 100
53 142.3 92.7 139.1#
89 50.1 38.3 57.5

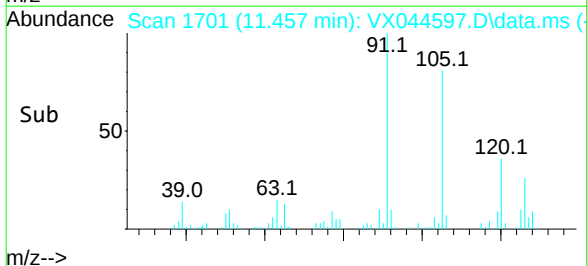
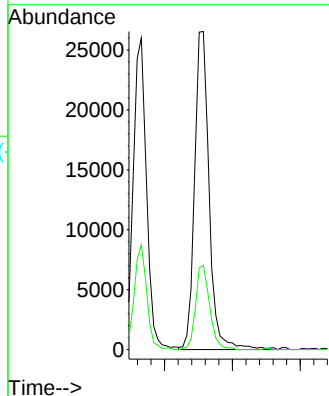
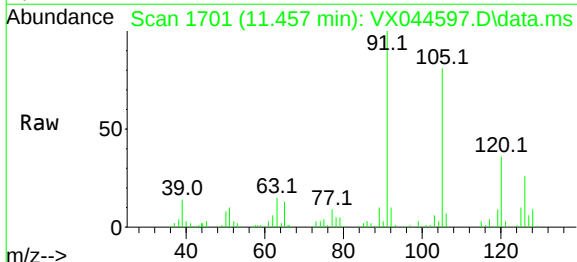
Manual Integrations
APPROVED

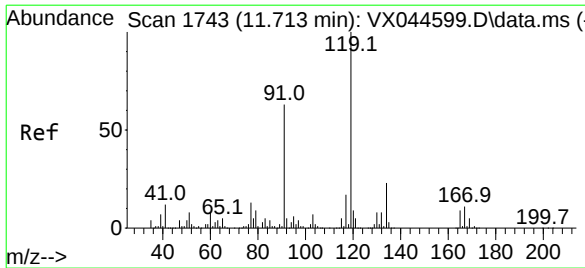
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
4-Chlorotoluene
Concen: 5.298 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 91 Resp: 39535
Ion Ratio Lower Upper
91 100
126 25.6 14.0 42.0





#83

tert-Butylbenzene

Concen: 5.274 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

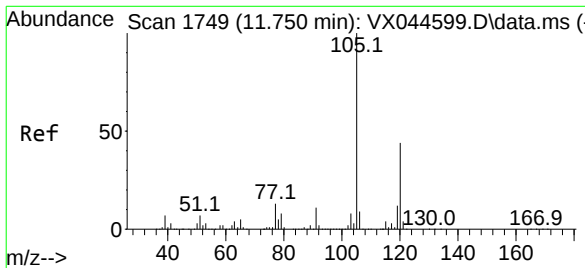
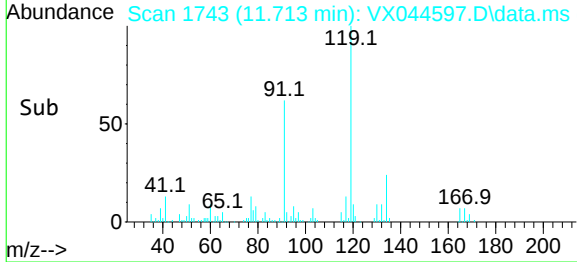
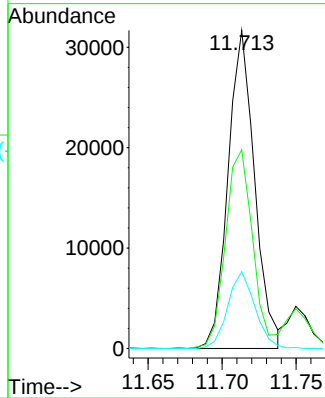
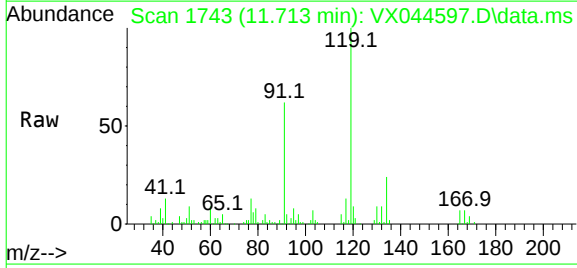
Tgt Ion:	119	Resp:	39571
Ion Ratio	Lower	Upper	
119	100		
91	64.4	30.9	92.8
134	24.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.961 ug/l

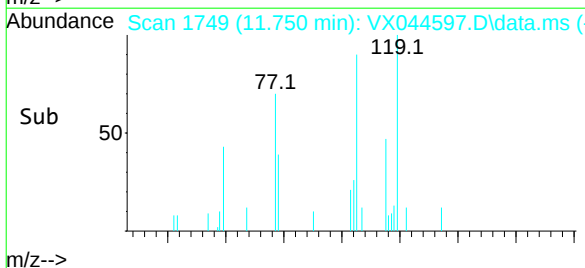
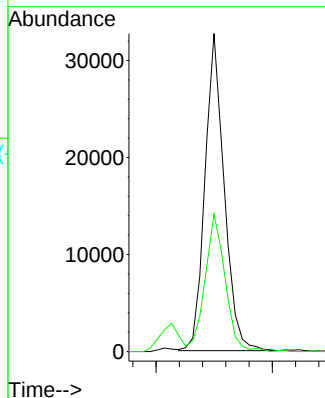
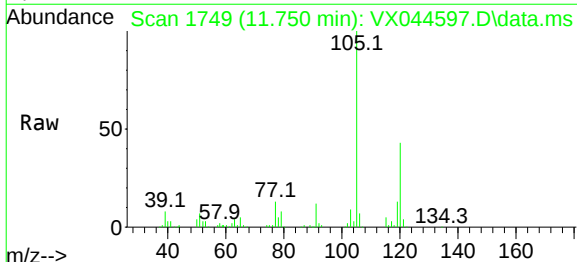
RT: 11.750 min Scan# 1749

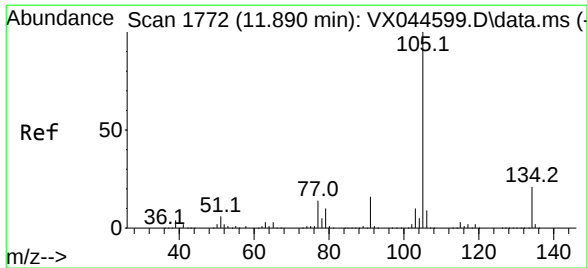
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	105	Resp:	37556
Ion Ratio	Lower	Upper	
105	100		
120	45.5	21.9	65.7





#85

sec-Butylbenzene

Concen: 5.173 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 47269

Ion Ratio Lower Upper

105 100

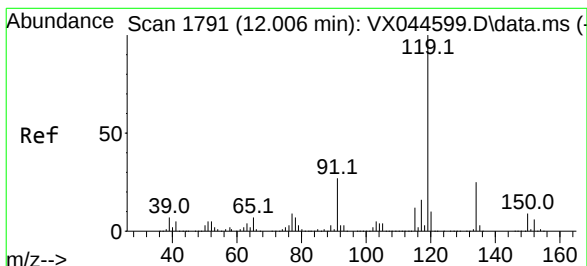
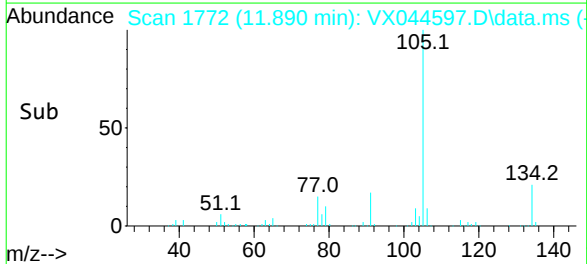
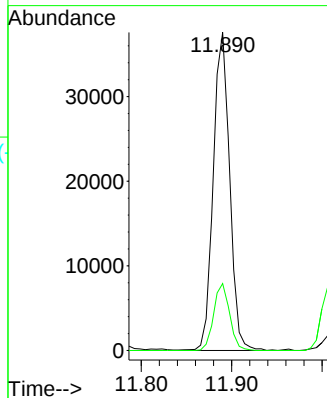
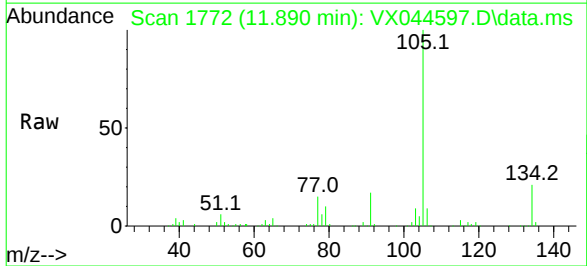
134 20.4 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#86

p-Isopropyltoluene

Concen: 5.046 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

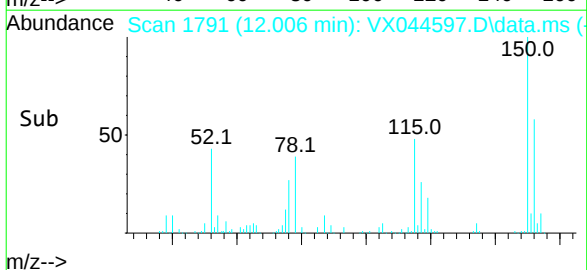
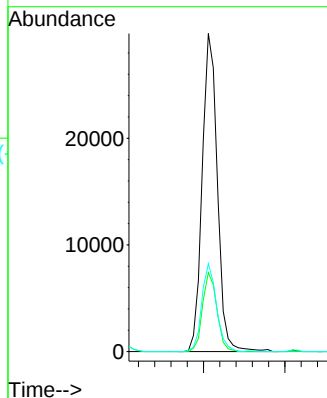
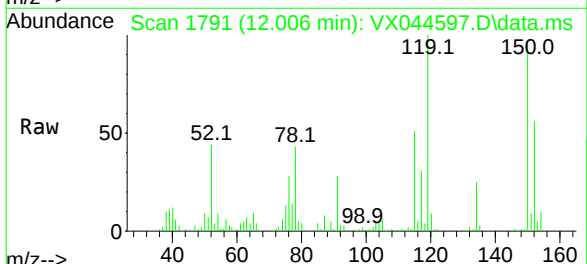
Tgt Ion:119 Resp: 38691

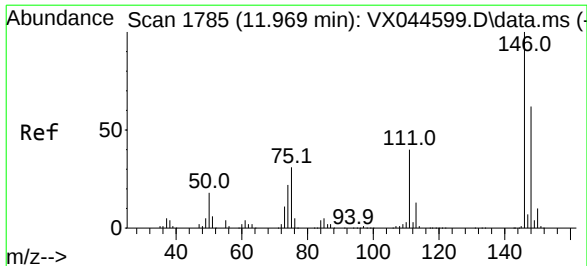
Ion Ratio Lower Upper

119 100

134 23.3 12.6 37.8

91 26.8 13.1 39.1





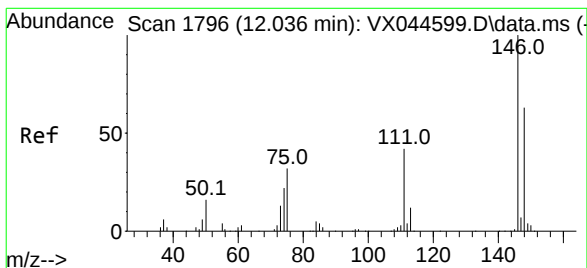
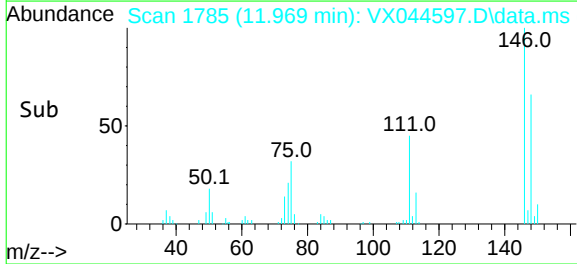
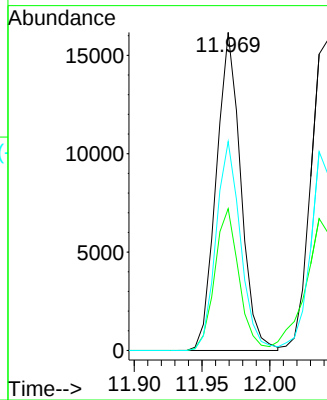
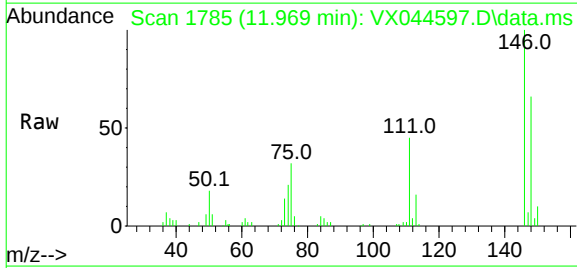
#87
1,3-Dichlorobenzene
Concen: 5.096 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 20352
Ion Ratio Lower Upper
146 100
111 44.2 21.0 63.0
148 65.7 31.6 95.0

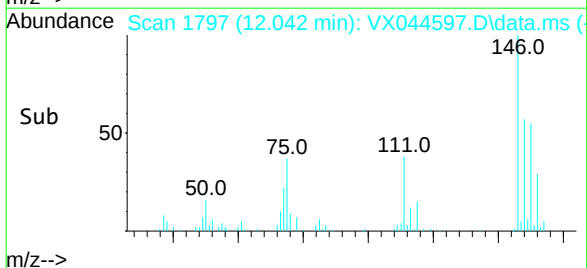
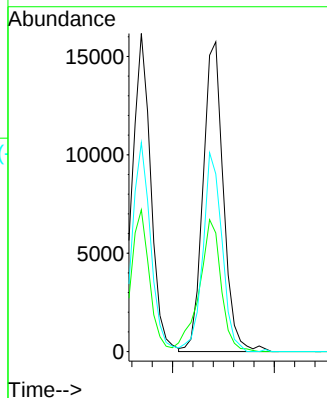
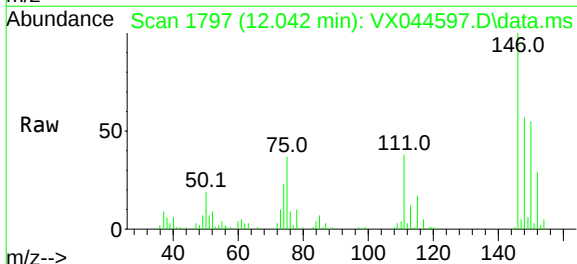
Manual Integrations
APPROVED

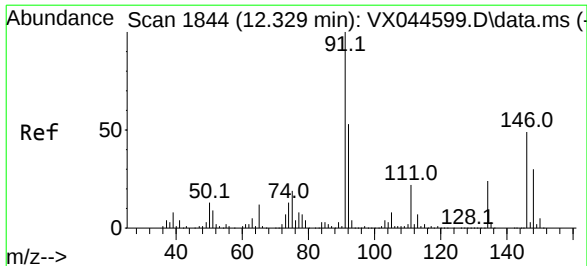
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#88
1,4-Dichlorobenzene
Concen: 5.248 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:146 Resp: 21839
Ion Ratio Lower Upper
146 100
111 46.1 20.7 62.1
148 60.4 31.8 95.4





#89

n-Butylbenzene

Concen: 4.731 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

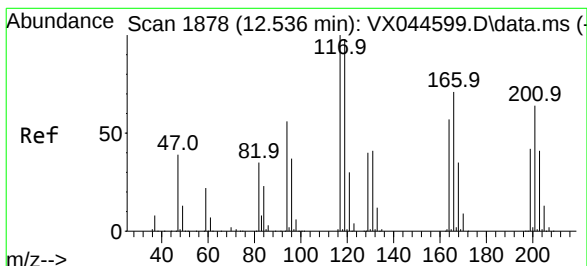
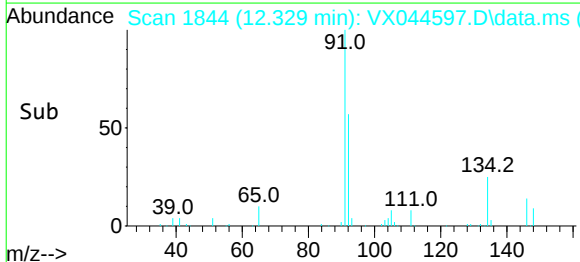
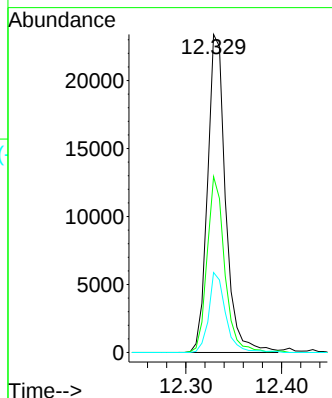
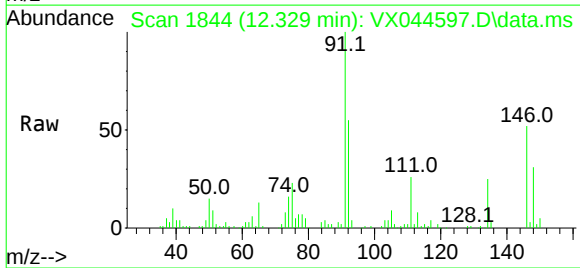
ClientSampleId :

VSTDIC005

Tgt Ion:	91	Resp:	30630
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.5	79.4
134	23.7	12.4	37.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#90

Hexachloroethane

Concen: 4.255 ug/l

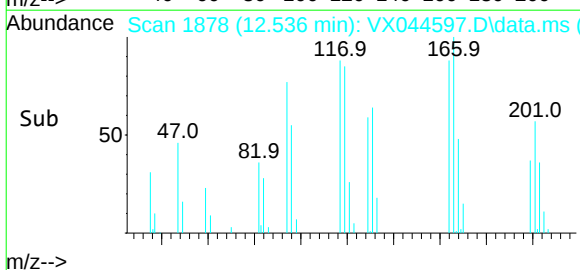
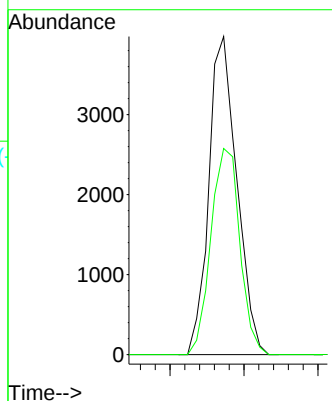
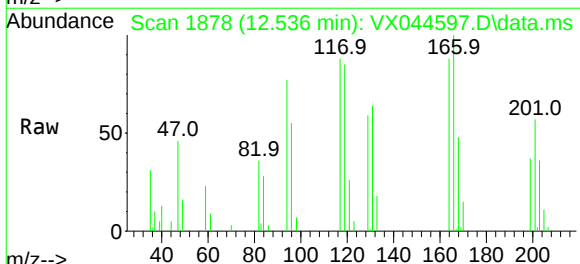
RT: 12.536 min Scan# 1878

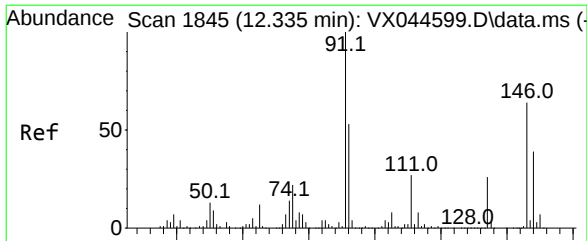
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

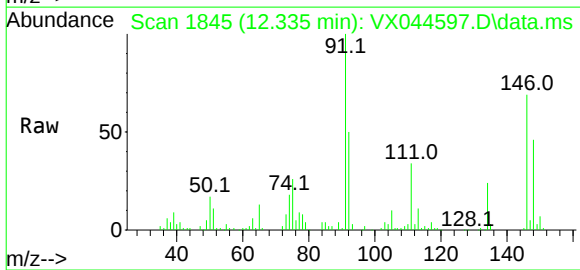
Tgt Ion:	117	Resp:	5241
Ion Ratio	Lower	Upper	
117	100		
201	66.9	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 5.165 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

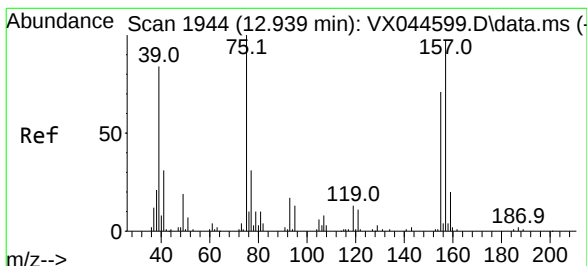
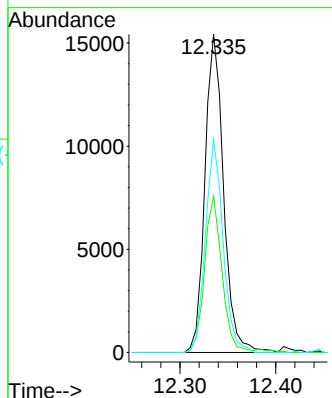
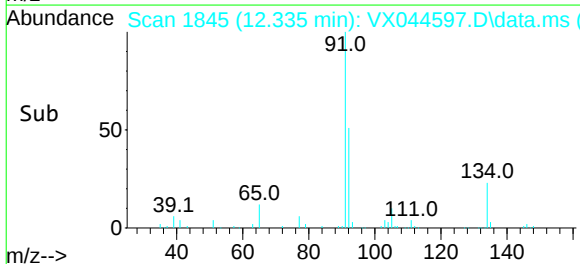
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 146 Resp: 20848
Ion Ratio Lower Upper
146 100
111 45.9 21.8 65.4
148 63.6 31.1 93.3

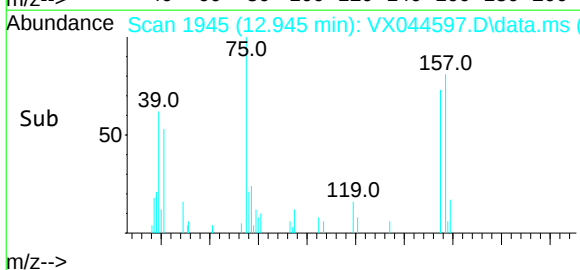
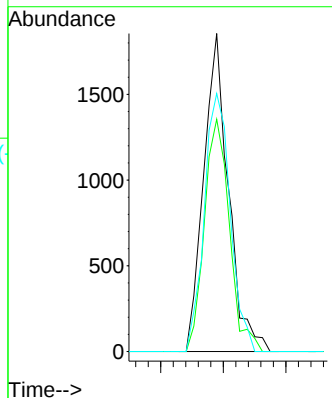
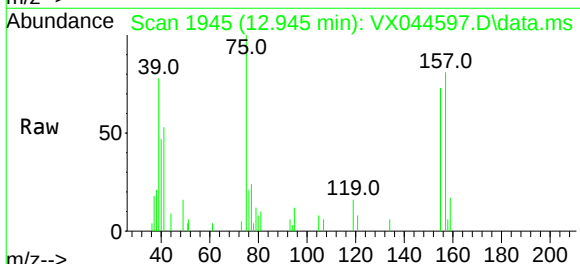
Manual Integrations
APPROVED

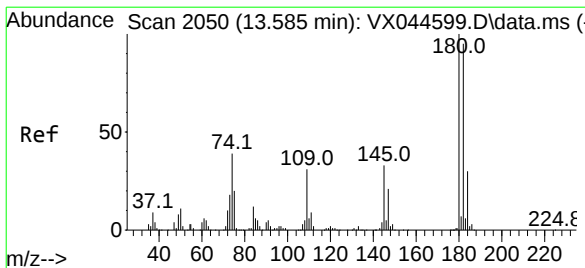
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.591 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 75 Resp: 2550
Ion Ratio Lower Upper
75 100
155 73.8 37.4 112.1
157 85.1 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 4.650 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

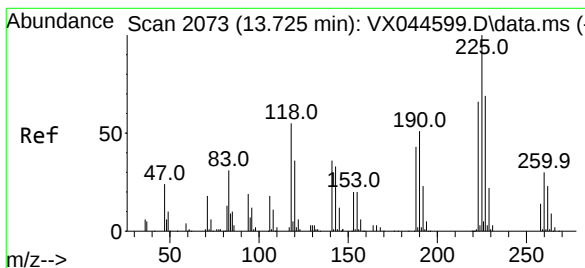
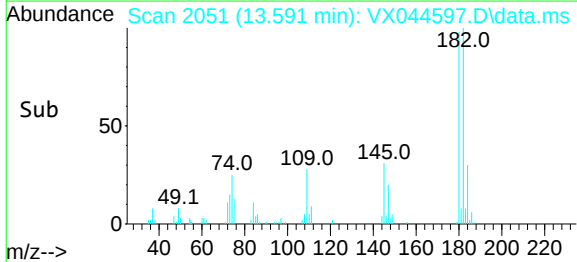
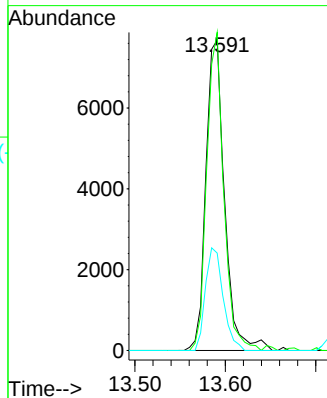
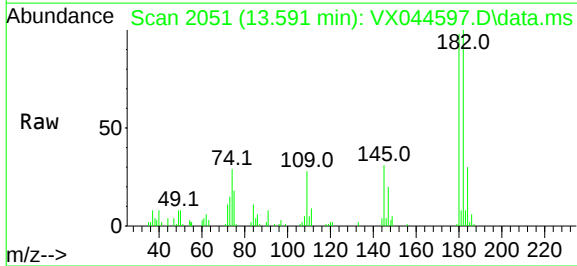
Tgt	Ion:180	Resp:	11030
Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.9	143.6
145	31.5	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#94

Hexachlorobutadiene

Concen: 5.007 ug/l

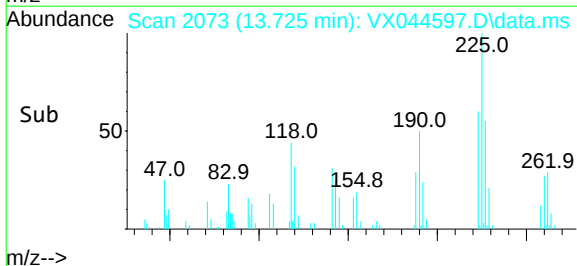
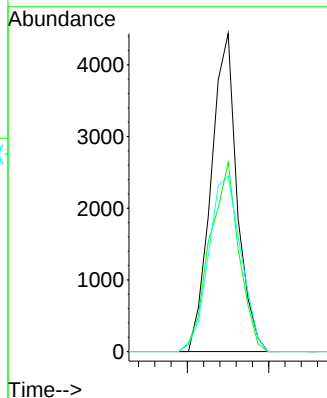
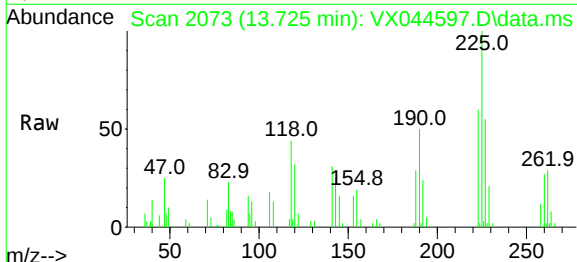
RT: 13.725 min Scan# 2073

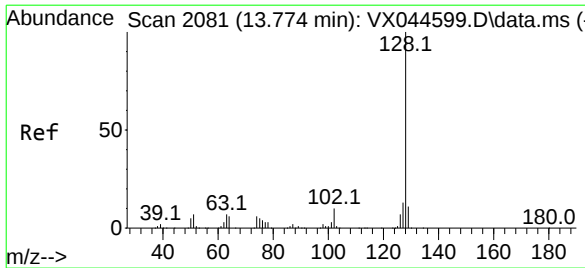
Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt	Ion:225	Resp:	4946
Ion	Ratio	Lower	Upper
225	100		
223	66.4	31.6	94.8
227	68.4	31.9	95.9





#95

Naphthalene

Concen: 4.533 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

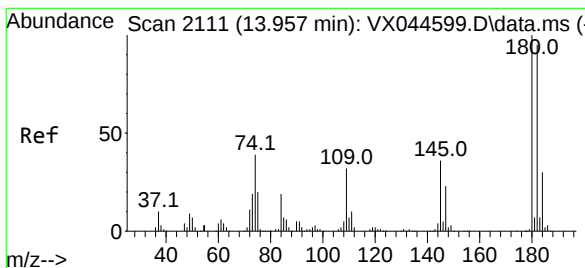
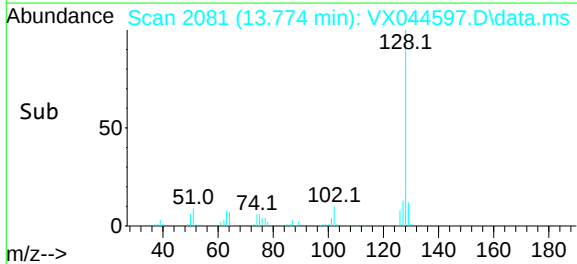
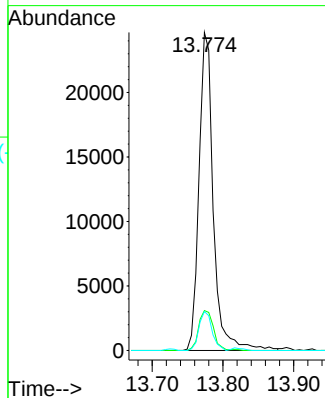
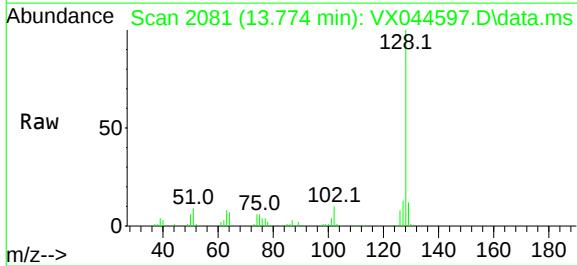
Tgt Ion:	128	Resp:	34693
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.667 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:	180	Resp:	11316
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.6	142.9
145	33.8	17.6	52.9

