

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044598.D
 Acq On : 07 Jan 2025 10:51
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 08 02:28:46 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	5.544	168	182852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	312202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	273147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62203	21.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	42.200%#
35) Dibromofluoromethane	5.379	113	43312	20.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.460%#
50) Toluene-d8	8.647	98	151532	20.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	41.440%#
62) 4-Bromofluorobenzene	11.079	95	51959	20.131	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.260%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52176	19.721	ug/l	99
3) Chloromethane	1.294	50	53813	20.411	ug/l	95
4) Vinyl Chloride	1.374	62	50882	20.572	ug/l	100
5) Bromomethane	1.599	94	26588	20.753	ug/l	99
6) Chloroethane	1.666	64	27162	20.687	ug/l	100
7) Trichlorofluoromethane	1.873	101	72487	19.683	ug/l	98
8) Diethyl Ether	2.130	74	28020	21.533	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	42666	20.206	ug/l	99
10) Methyl Iodide	2.447	142	58125	19.741	ug/l	99
11) Tert butyl alcohol	2.995	59	35287	97.199	ug/l	99
12) 1,1-Dichloroethene	2.312	96	40189	19.647	ug/l	92
13) Acrolein	2.233	56	46887	97.681	ug/l	100
14) Allyl chloride	2.660	41	69790	20.514	ug/l	99
15) Acrylonitrile	3.062	53	109174	104.416	ug/l	99
16) Acetone	2.380	43	98646	106.158	ug/l	98
17) Carbon Disulfide	2.501	76	77403	18.299	ug/l	99
18) Methyl Acetate	2.703	43	55761	20.331	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	143696	20.498	ug/l	97
20) Methylene Chloride	2.782	84	48372	20.404	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	42447	20.218	ug/l	94
22) Diisopropyl ether	3.757	45	148218	21.193	ug/l	96
23) Vinyl Acetate	3.715	43	611827	108.186	ug/l	100
24) 1,1-Dichloroethane	3.605	63	85657	21.020	ug/l	97
25) 2-Butanone	4.562	43	147205	109.752	ug/l	95
26) 2,2-Dichloropropane	4.464	77	72557	20.594	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	52269	20.418	ug/l	99
28) Bromochloromethane	4.891	49	40221	21.204	ug/l	96
29) Tetrahydrofuran	5.001	42	96792	105.382	ug/l	98
30) Chloroform	5.086	83	92017	20.946	ug/l	99
31) Cyclohexane	5.464	56	69453	20.758	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	76888	20.797	ug/l	99
36) 1,1-Dichloropropene	5.690	75	57525	20.780	ug/l	99
37) Ethyl Acetate	4.708	43	61814	21.845	ug/l	99
38) Carbon Tetrachloride	5.665	117	61261	19.945	ug/l	99
39) Methylcyclohexane	7.372	83	71421	20.220	ug/l	98
40) Benzene	6.031	78	182735	20.965	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33545	22.068	ug/l	98
42) 1,2-Dichloroethane	6.080	62	75362	22.109	ug/l	100
43) Isopropyl Acetate	6.342	43	99627	21.325	ug/l	100
44) Trichloroethene	7.116	130	44753	20.086	ug/l	99
45) 1,2-Dichloropropane	7.427	63	45374	21.352	ug/l	94
46) Dibromomethane	7.580	93	34533	20.895	ug/l	98
47) Bromodichloromethane	7.818	83	62867	20.903	ug/l	94
48) Methyl methacrylate	7.690	41	48354	21.700	ug/l	98
49) 1,4-Dioxane	7.665	88	14556	444.533	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	303467	111.120	ug/l	100
52) Toluene	8.714	92	111872	21.272	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	60752	21.133	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	66510	20.586	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	43622	21.158	ug/l	97
56) Ethyl methacrylate	9.116	69	63170	21.068	ug/l	98
57) 1,3-Dichloropropane	9.305	76	76059	21.969	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	155083	104.333	ug/l	100
59) 2-Hexanone	9.433	43	216998	112.353	ug/l	99
60) Dibromochloromethane	9.518	129	42282	20.568	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44770	21.501	ug/l	96
64) Tetrachloroethene	9.268	164	39569	20.489	ug/l	97
65) Chlorobenzene	10.079	112	118653	20.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	39956	20.752	ug/l	99
67) Ethyl Benzene	10.189	91	209710	21.066	ug/l	98
68) m/p-Xylenes	10.299	106	155810	42.593	ug/l	98
69) o-Xylene	10.640	106	76065	20.601	ug/l	99
70) Styrene	10.652	104	126293	21.385	ug/l	99
71) Bromoform	10.799	173	24563	19.617	ug/l #	95
73) Isopropylbenzene	10.957	105	195554	21.012	ug/l	100
74) N-amyl acetate	10.841	43	79390	21.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61645	20.550	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	52133m	20.703	ug/l	
77) Bromobenzene	11.195	156	45702	20.215	ug/l	100
78) n-propylbenzene	11.305	91	220954	21.078	ug/l	100
79) 2-Chlorotoluene	11.360	91	139531	20.541	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	164285	21.290	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14902	18.014	ug/l	89
82) 4-Chlorotoluene	11.451	91	159459	20.867	ug/l	99
83) tert-Butylbenzene	11.713	119	155984	20.301	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	168552	21.745	ug/l	100
85) sec-Butylbenzene	11.890	105	196607	21.010	ug/l	100
86) p-Isopropyltoluene	12.006	119	164348	20.932	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	84583	20.681	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	83680	19.638	ug/l	97
89) n-Butylbenzene	12.329	91	138330	20.864	ug/l	99
90) Hexachloroethane	12.536	117	22825	18.096	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	83880	20.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11101	19.520	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	47350	19.494	ug/l	98
94) Hexachlorobutadiene	13.719	225	19641	19.419	ug/l	97
95) Naphthalene	13.774	128	162161	20.691	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	49865	20.082	ug/l	100

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

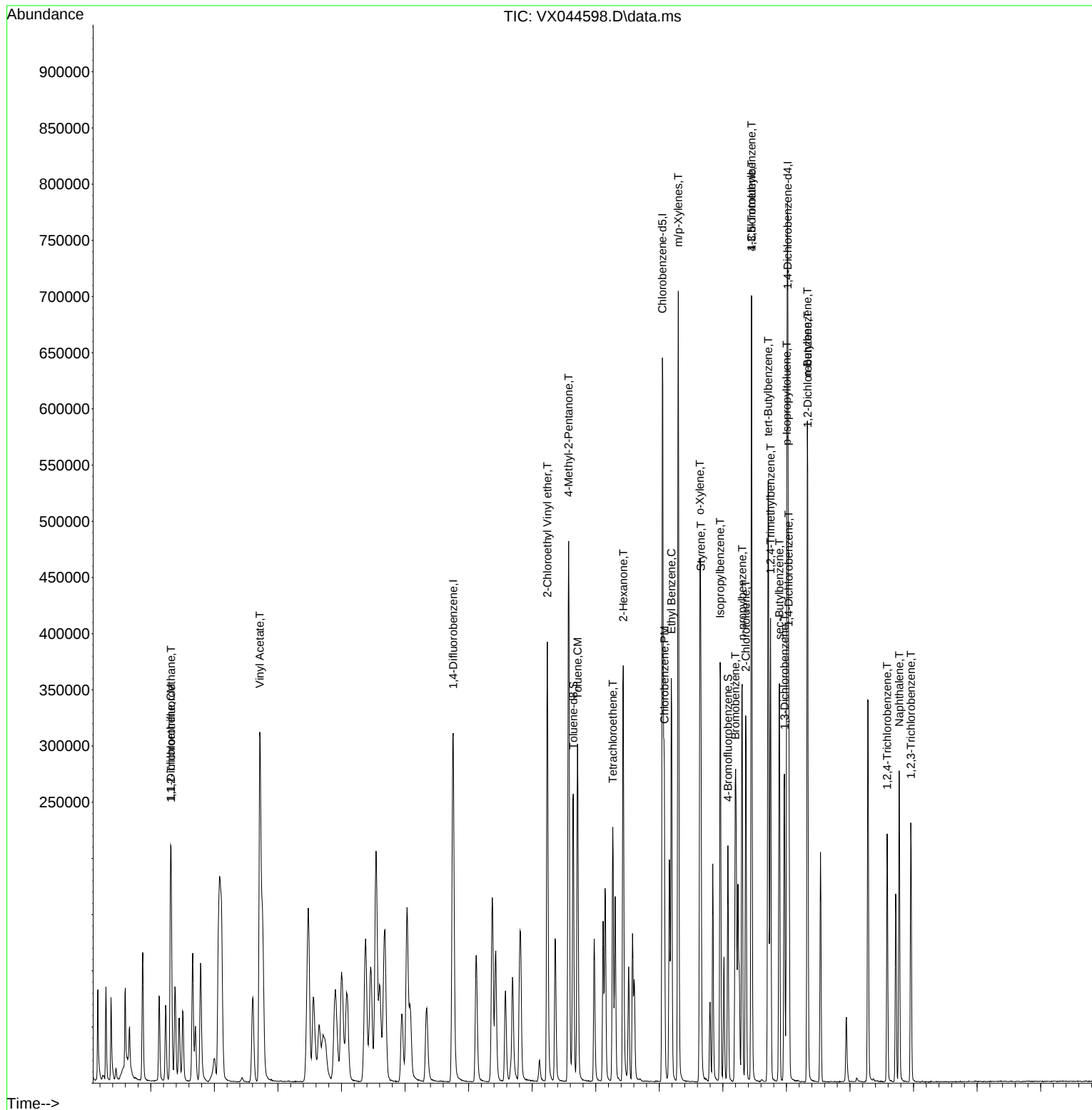
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
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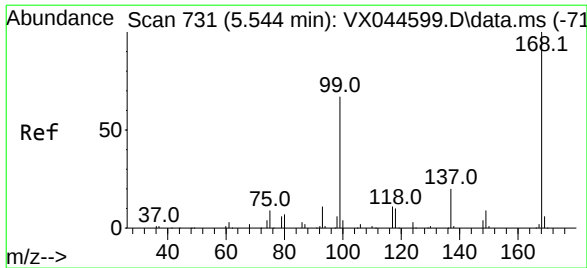
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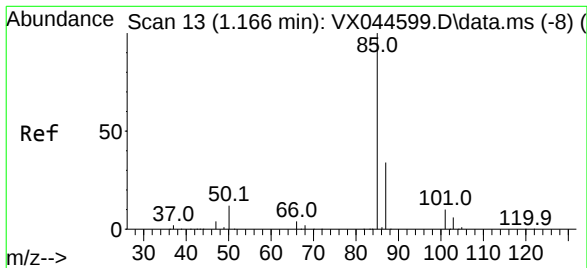
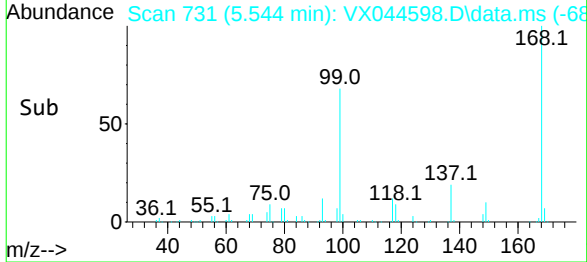
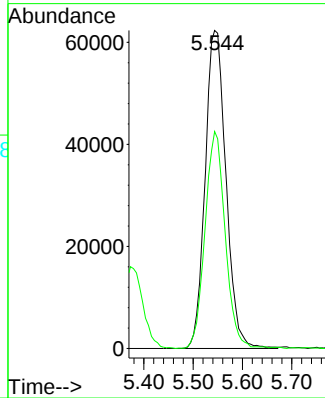
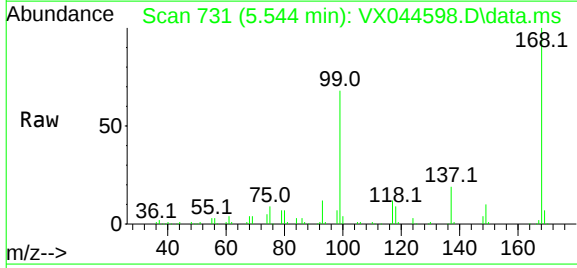
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044598.D
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Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 182852
Ion Ratio Lower Upper
168 100
99 68.1 53.5 80.3

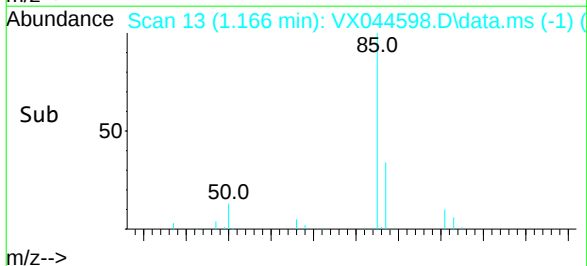
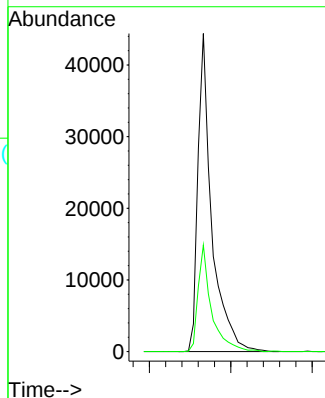
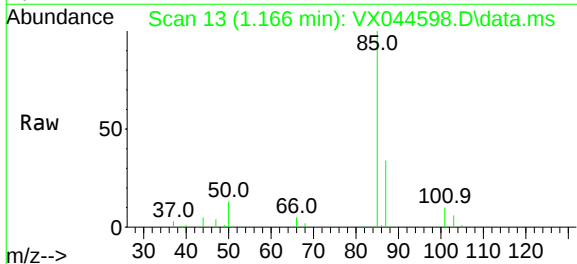
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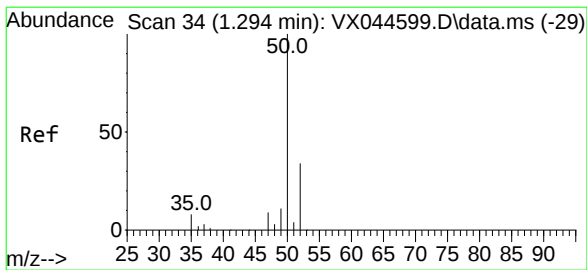
Reviewed By :John Carlone 01/08/2025
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#2
Dichlorodifluoromethane
Concen: 19.721 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 85 Resp: 52176
Ion Ratio Lower Upper
85 100
87 33.5 17.2 51.5





#3

Chloromethane

Concen: 20.411 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 53813

Ion Ratio Lower Upper

50 100

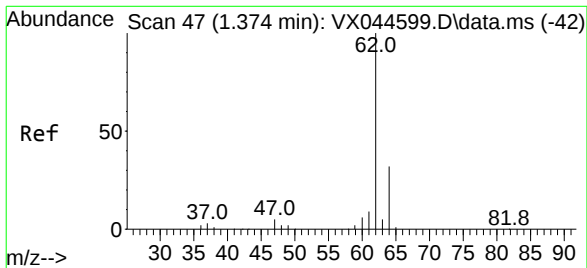
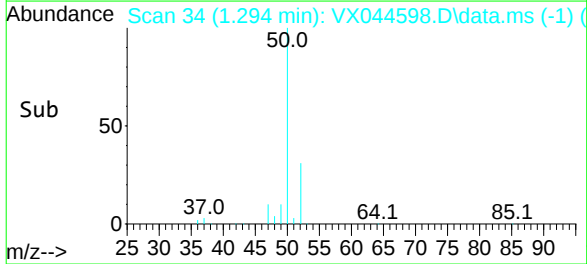
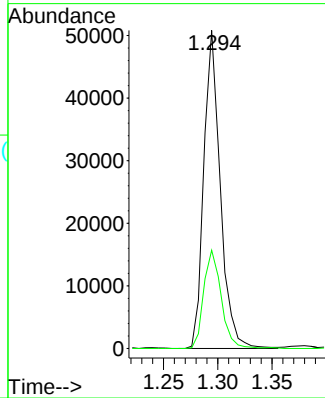
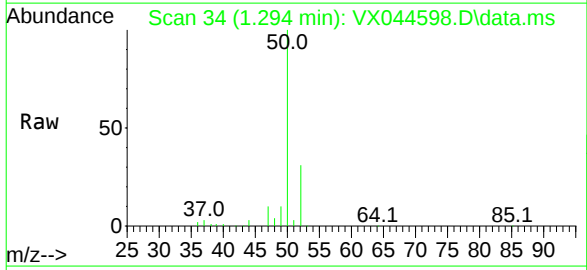
52 30.9 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.572 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044598.D

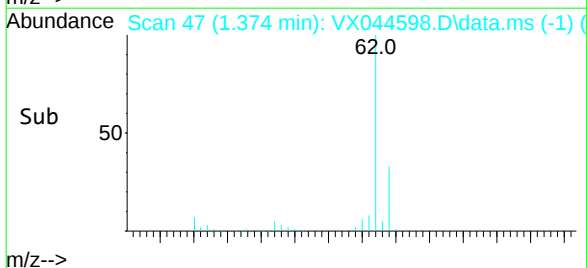
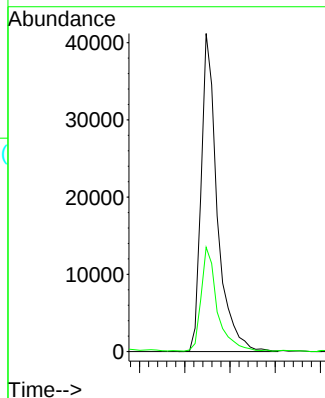
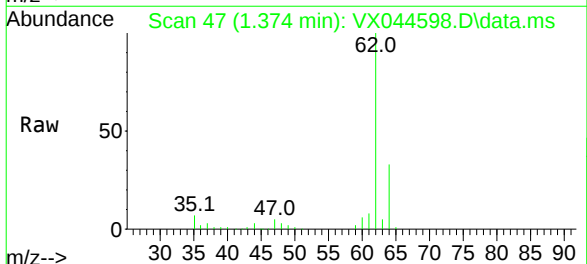
Acq: 07 Jan 2025 10:51

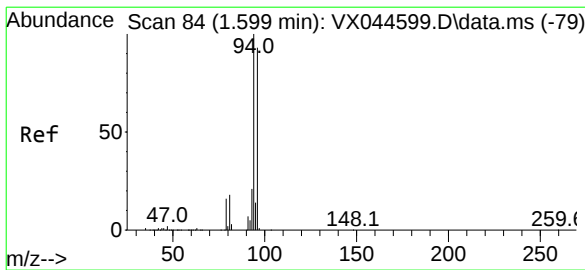
Tgt Ion: 62 Resp: 50882

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





#5

Bromomethane

Concen: 20.753 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

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Instrument :

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Tgt Ion: 94 Resp: 26588

Ion Ratio Lower Upper

94 100

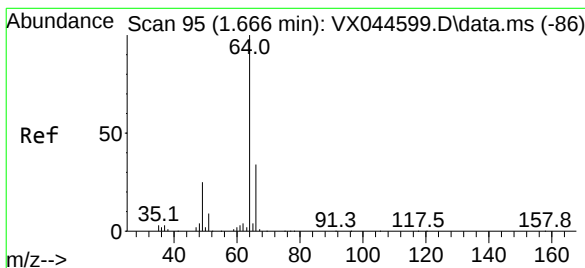
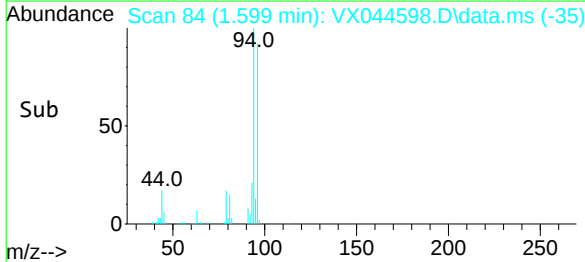
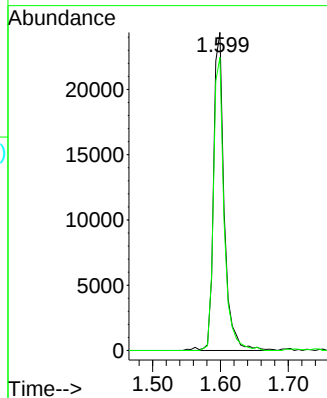
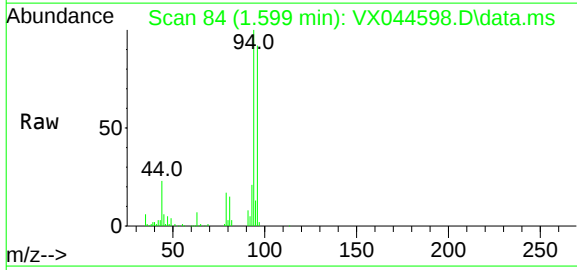
96 92.2 74.6 112.0

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#6

Chloroethane

Concen: 20.687 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044598.D

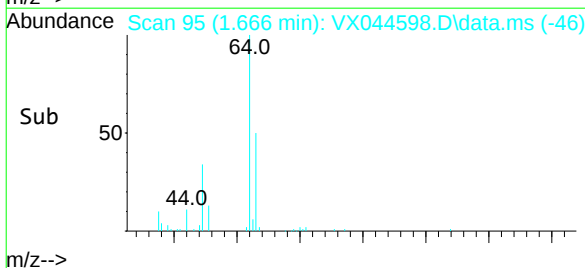
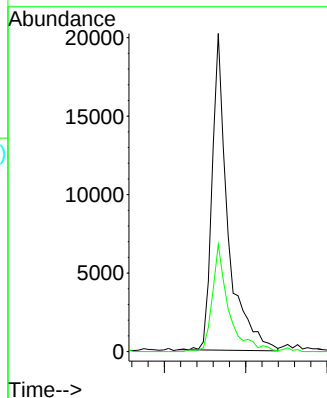
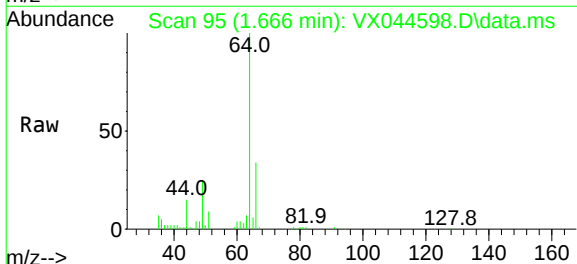
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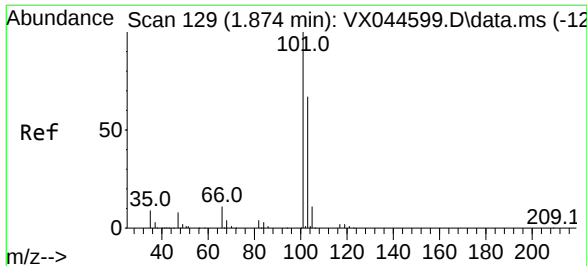
Tgt Ion: 64 Resp: 27162

Ion Ratio Lower Upper

64 100

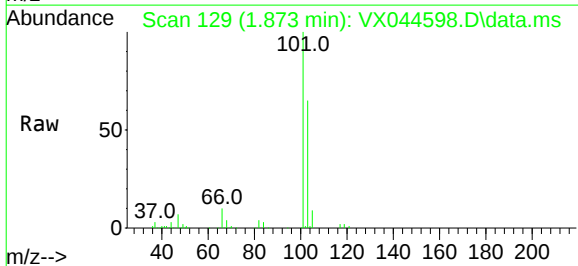
66 33.9 27.3 40.9





#7
 Trichlorofluoromethane
 Concen: 19.683 ug/l
 RT: 1.873 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

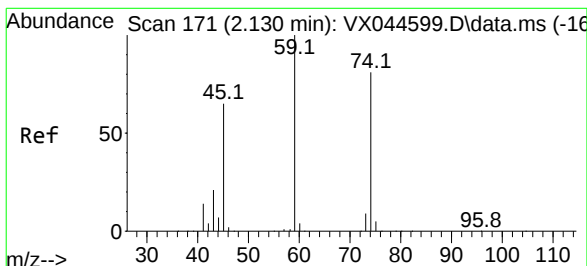
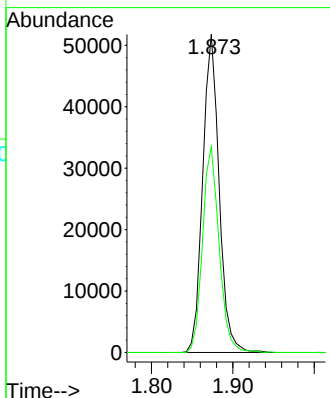
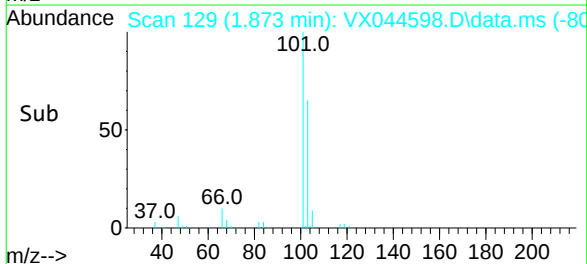
Instrument :
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Tgt Ion: 101 Resp: 72487
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.3 79.9

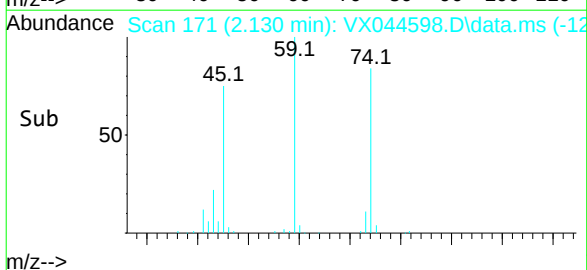
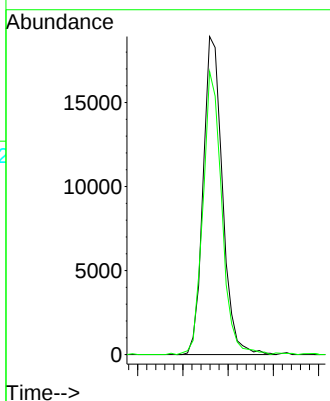
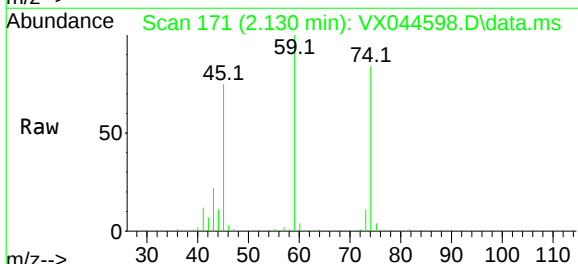
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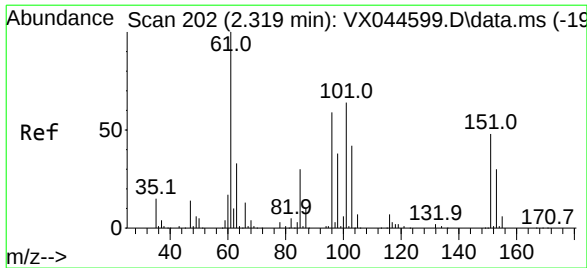
Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025



#8
 Diethyl Ether
 Concen: 21.533 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

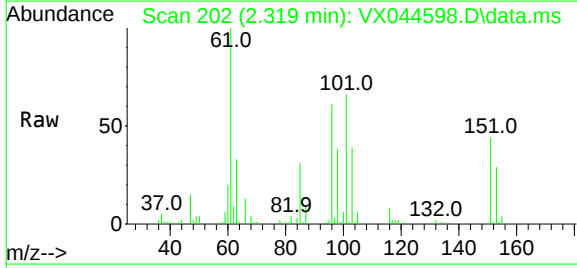
Tgt Ion: 74 Resp: 28020
 Ion Ratio Lower Upper
 74 100
 45 86.8 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

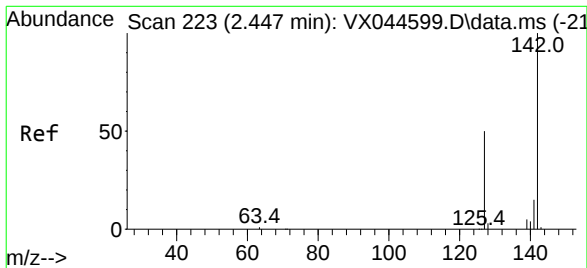
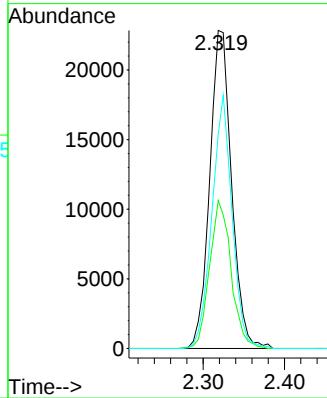
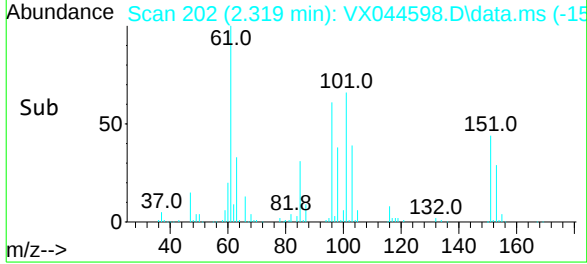
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 42666
Ion Ratio Lower Upper
101 100
85 45.9 36.5 54.7
151 73.7 58.6 87.8

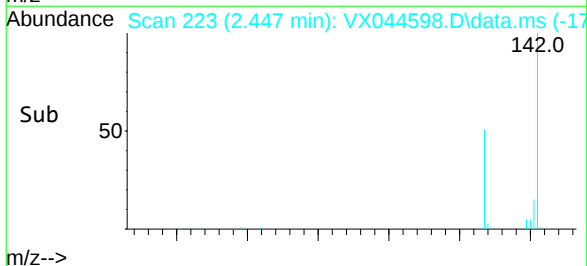
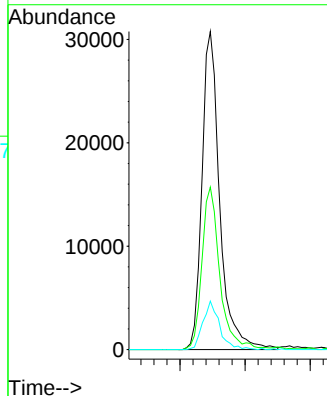
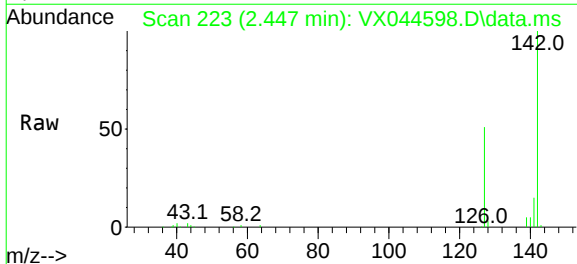
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APPROVED

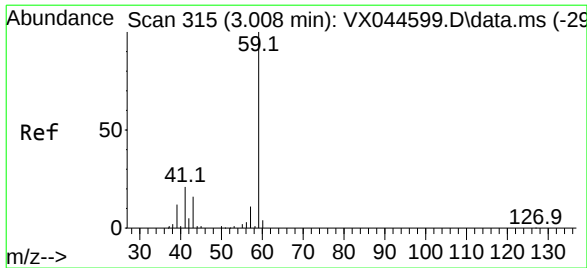
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#10
Methyl Iodide
Concen: 19.741 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:142 Resp: 58125
Ion Ratio Lower Upper
142 100
127 51.6 41.9 62.9
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 97.199 ug/l

RT: 2.995 min Scan# 315

Delta R.T. -0.012 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 35287

Ion Ratio Lower Upper

59 100

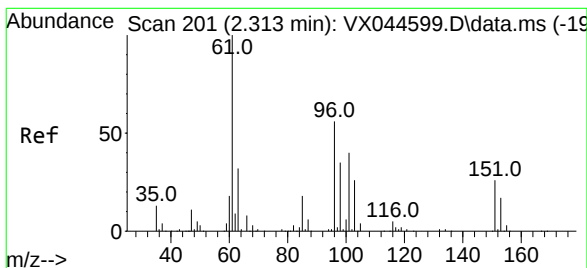
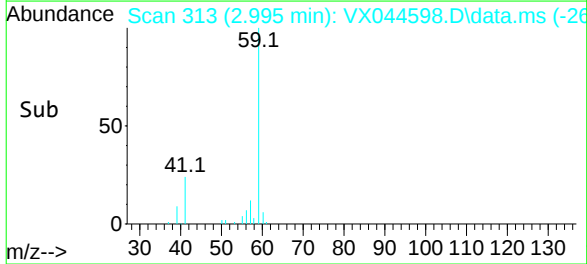
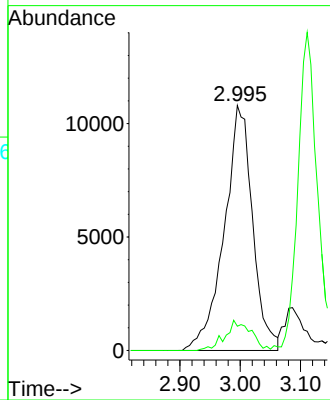
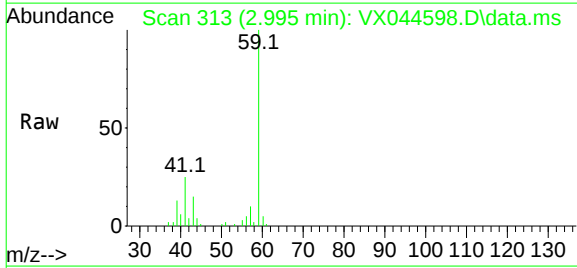
57 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#12

1,1-Dichloroethene

Concen: 19.647 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

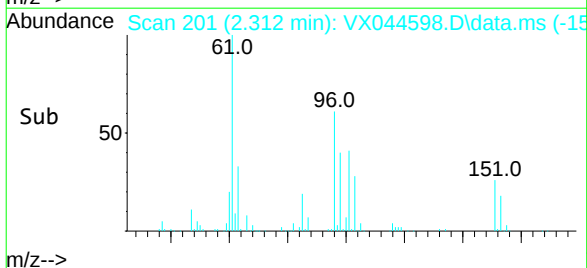
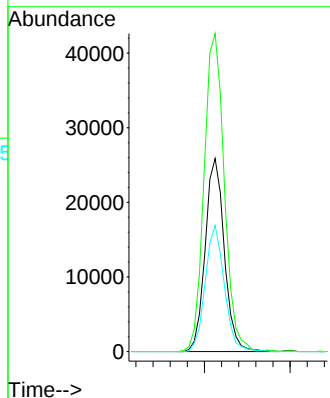
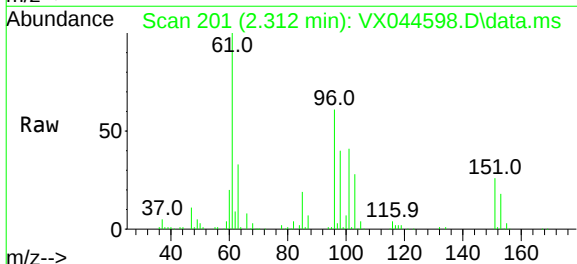
Tgt Ion: 96 Resp: 40189

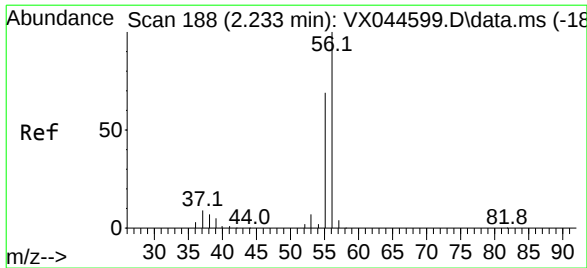
Ion Ratio Lower Upper

96 100

61 164.7 143.3 214.9

98 65.4 50.6 76.0





#13

Acrolein

Concen: 97.681 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 46887

Ion Ratio Lower Upper

56 100

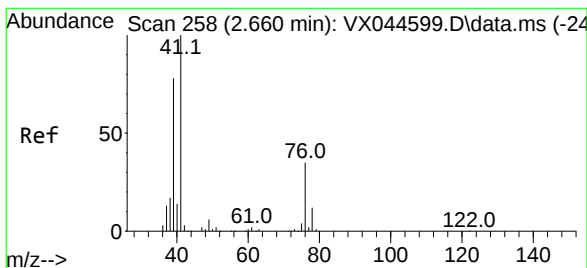
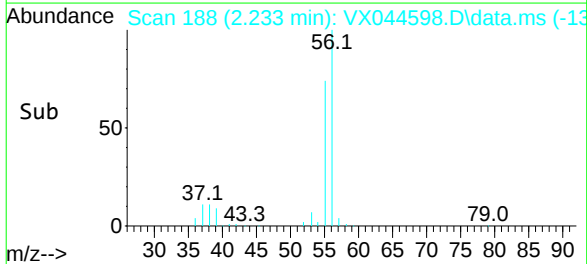
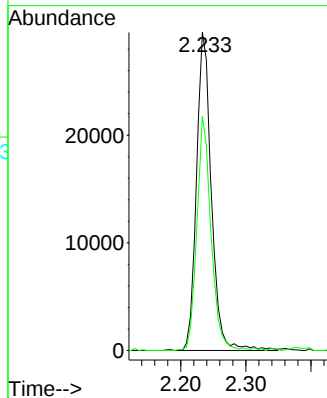
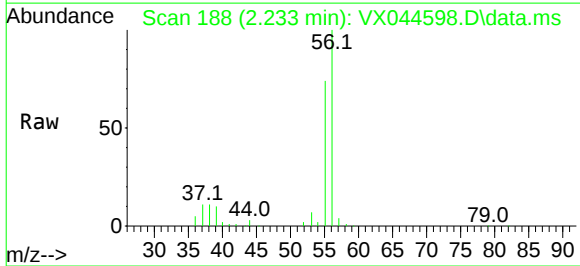
55 70.1 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#14

Allyl chloride

Concen: 20.514 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

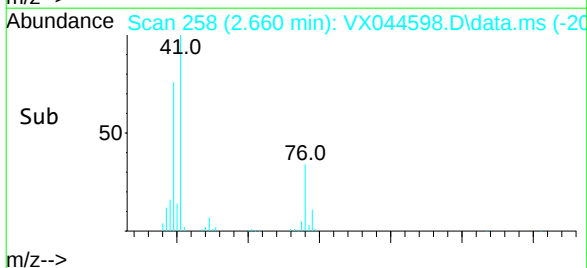
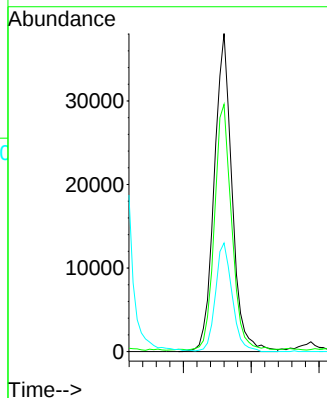
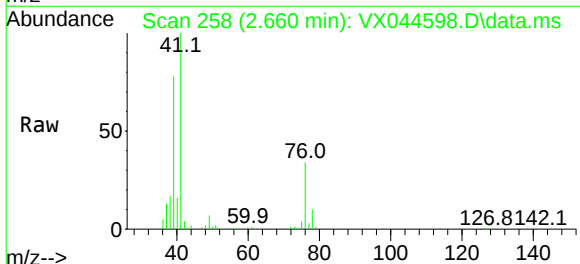
Tgt Ion: 41 Resp: 69790

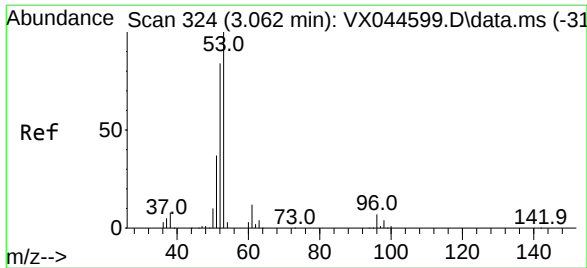
Ion Ratio Lower Upper

41 100

39 73.9 60.2 90.2

76 31.8 25.9 38.9





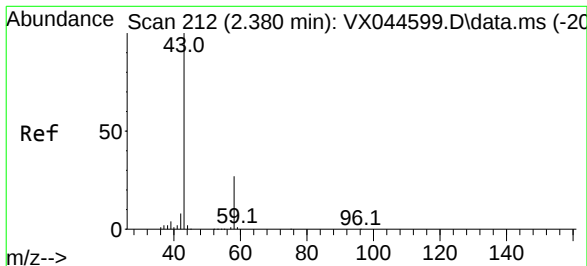
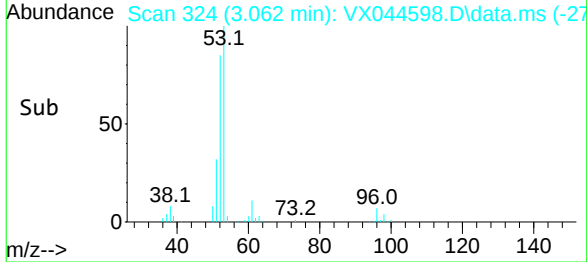
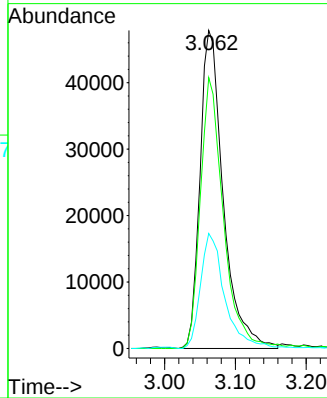
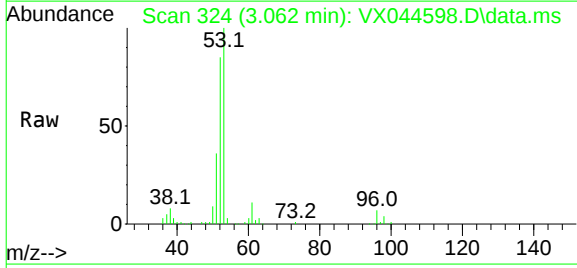
#15
Acrylonitrile
Concen: 104.416 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 109174
Ion Ratio Lower Upper
53 100
52 84.3 67.0 100.6
51 37.8 29.4 44.0

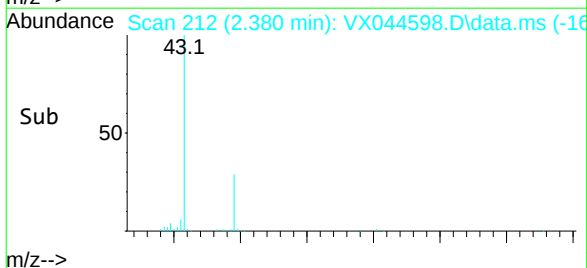
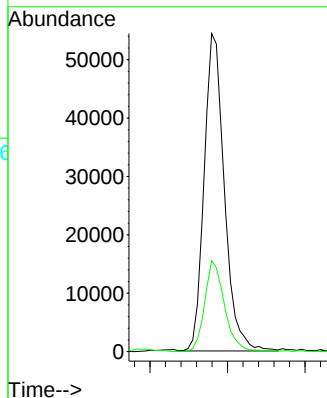
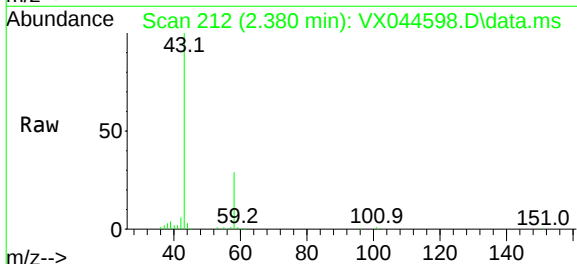
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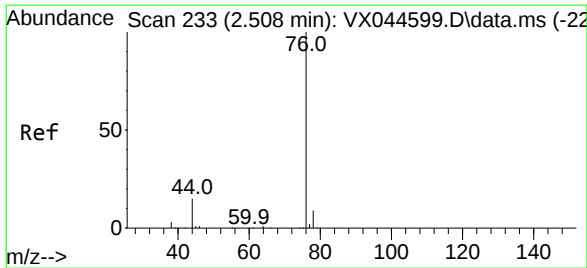
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#16
Acetone
Concen: 106.158 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 43 Resp: 98646
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0





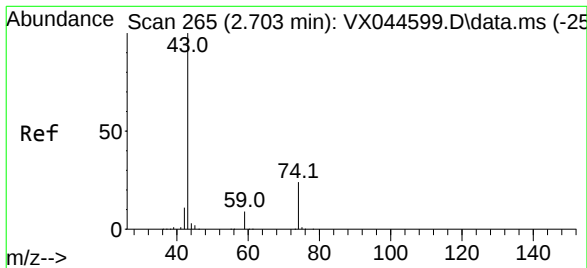
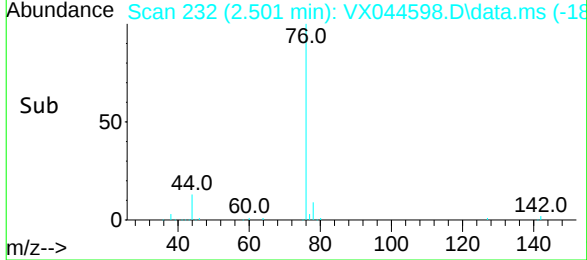
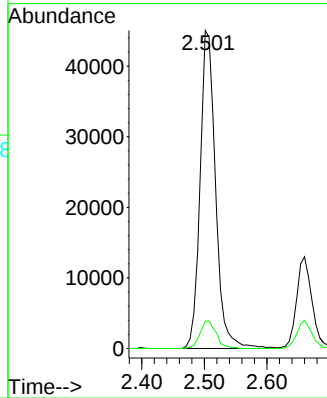
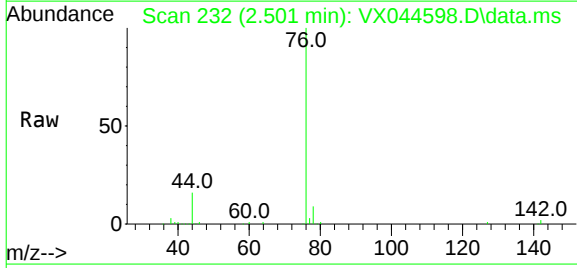
#17
Carbon Disulfide
Concen: 18.299 ug/l
RT: 2.501 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 77403
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

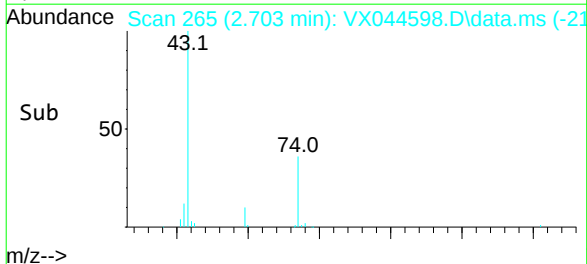
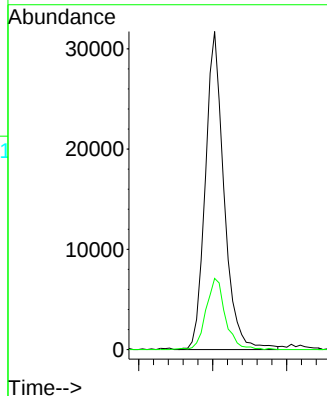
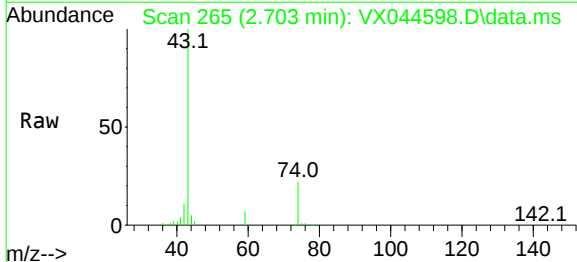
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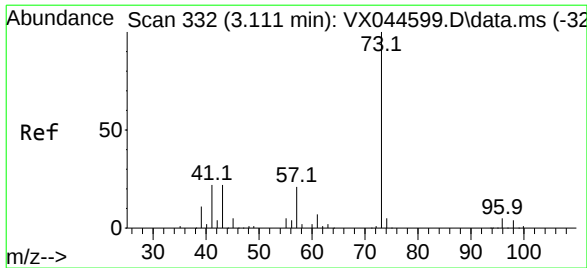
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#18
Methyl Acetate
Concen: 20.331 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 43 Resp: 55761
Ion Ratio Lower Upper
43 100
74 23.1 19.3 28.9





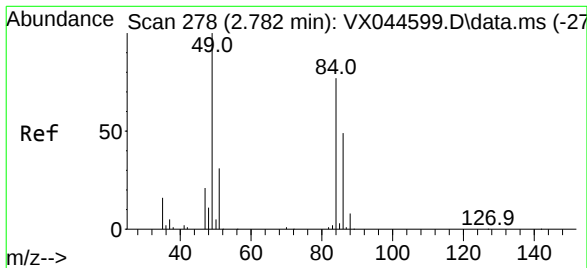
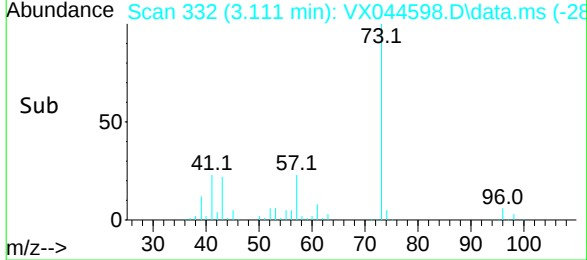
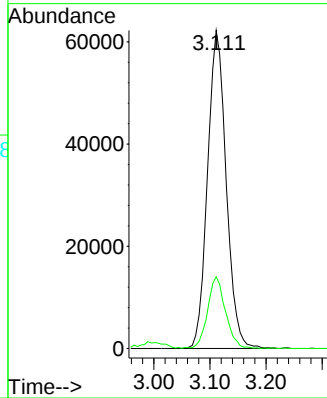
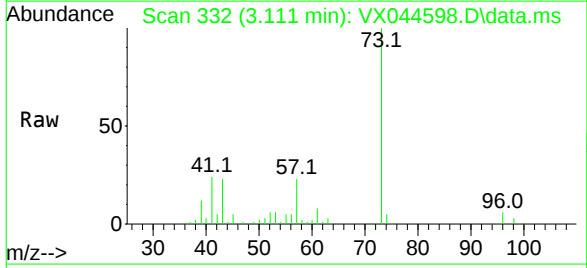
#19
Methyl tert-butyl Ether
Concen: 20.498 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 143696
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.4

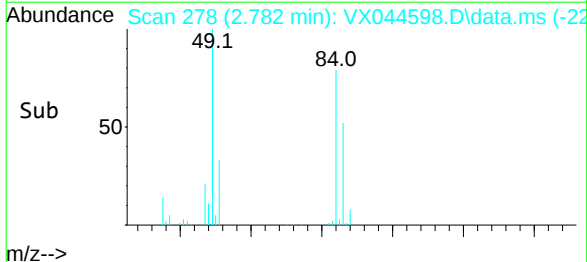
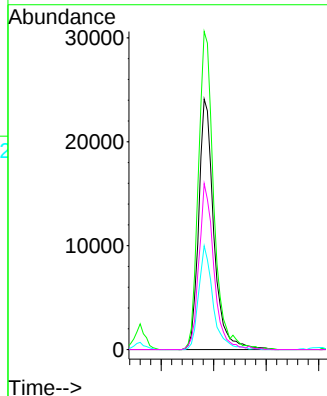
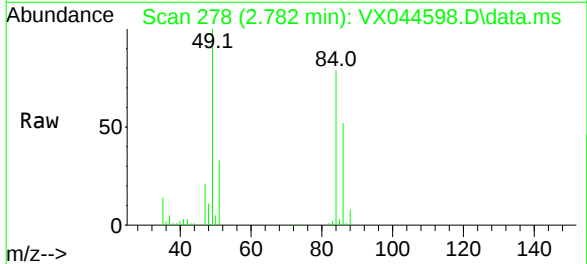
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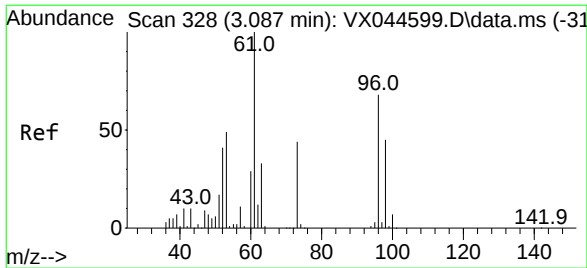
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Methylene Chloride
Concen: 20.404 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

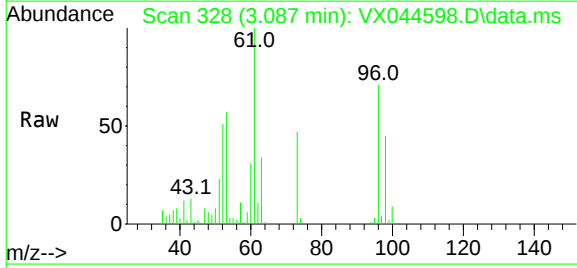
Tgt Ion: 84 Resp: 48372
Ion Ratio Lower Upper
84 100
49 126.9 104.4 156.6
51 41.4 32.0 48.0
86 66.2 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 20.218 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

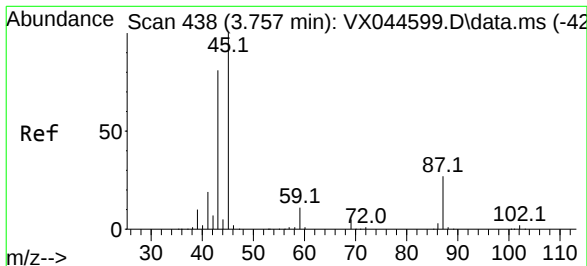
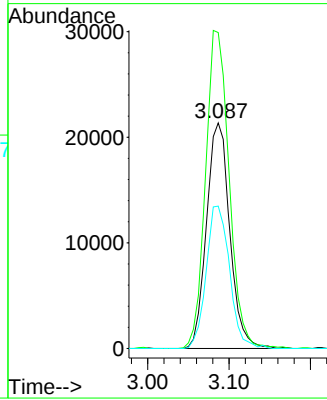
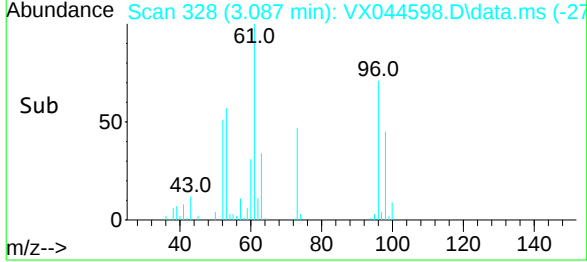
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 42447
Ion Ratio Lower Upper
96 100
61 140.1 118.5 177.7
98 63.1 53.4 80.0

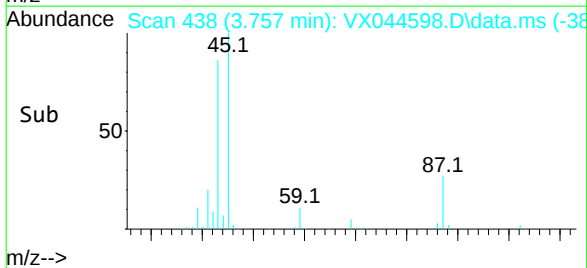
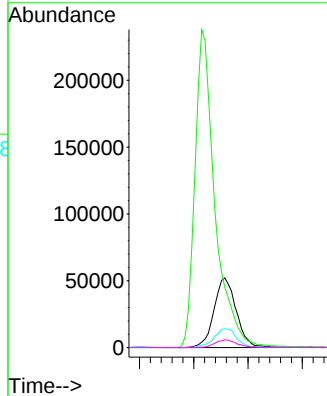
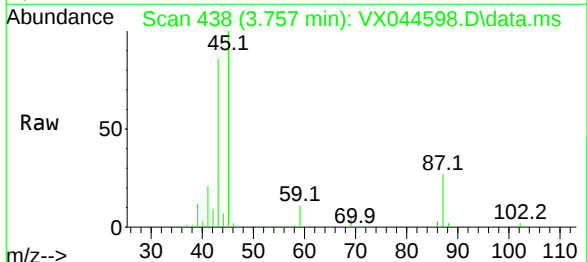
Manual Integrations
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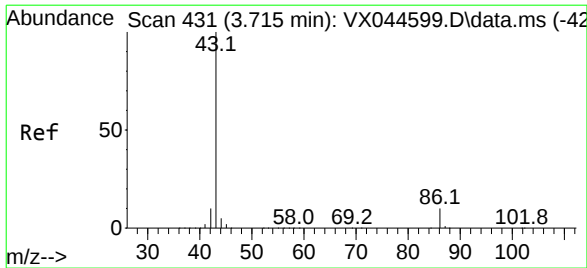
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#22
Diisopropyl ether
Concen: 21.193 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 45 Resp: 148218
Ion Ratio Lower Upper
45 100
43 85.8 64.6 97.0
87 27.1 21.8 32.8
59 11.0 8.6 12.8





#23

Vinyl Acetate

Concen: 108.186 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 611827

Ion Ratio Lower Upper

43 100

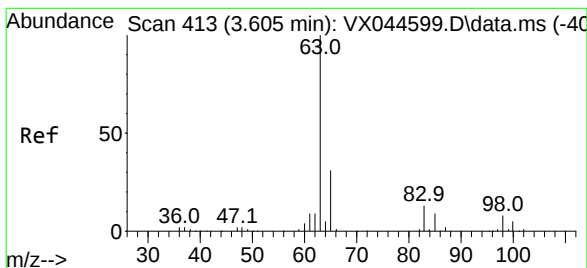
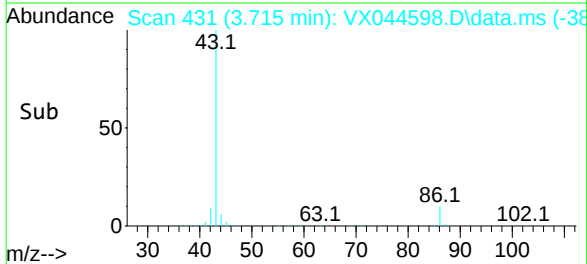
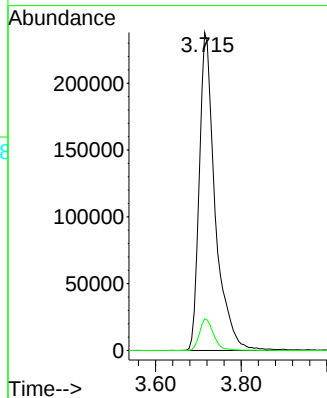
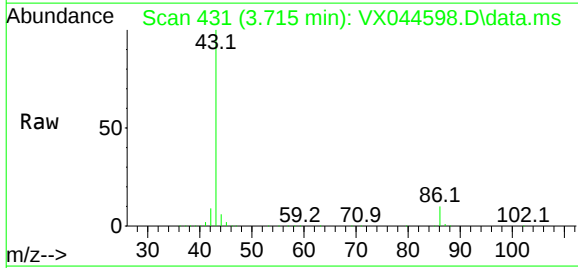
86 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#24

1,1-Dichloroethane

Concen: 21.020 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

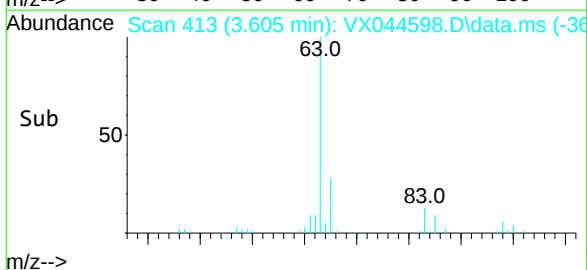
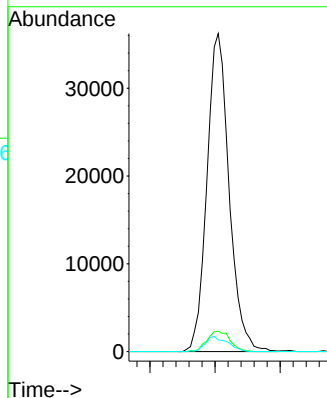
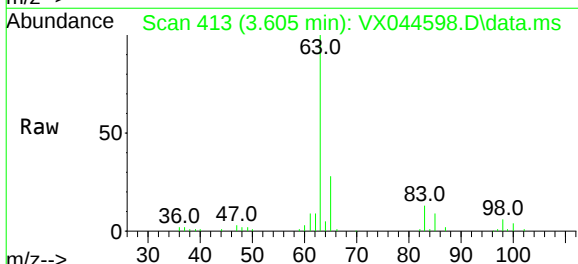
Tgt Ion: 63 Resp: 85657

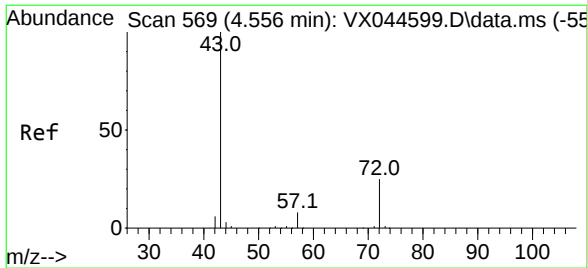
Ion Ratio Lower Upper

63 100

98 6.4 3.8 11.4

100 3.7 2.4 7.2





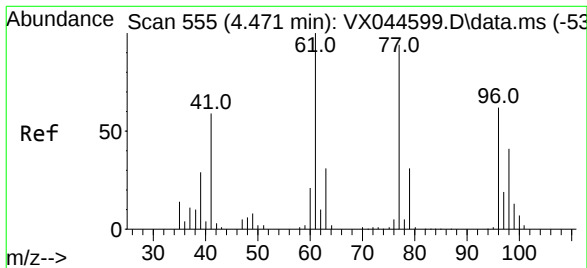
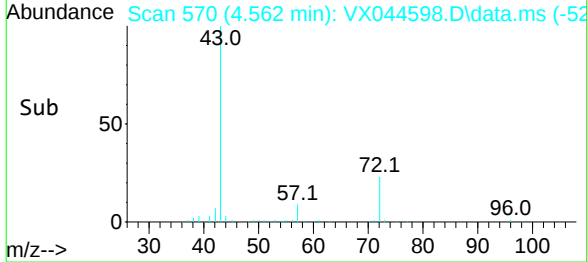
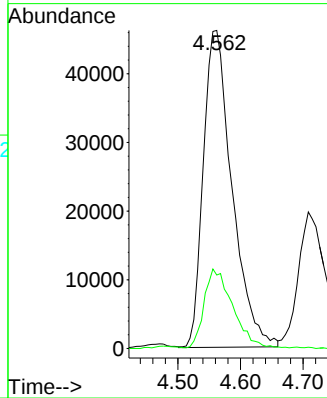
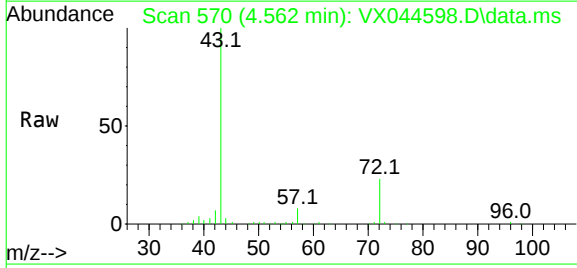
#25
2-Butanone
Concen: 109.752 ug/l
RT: 4.562 min Scan# 57
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 147205
Ion Ratio Lower Upper
43 100
72 22.8 20.2 30.2

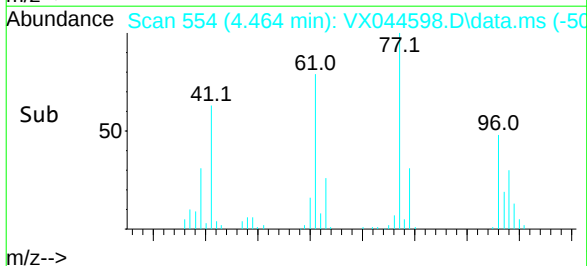
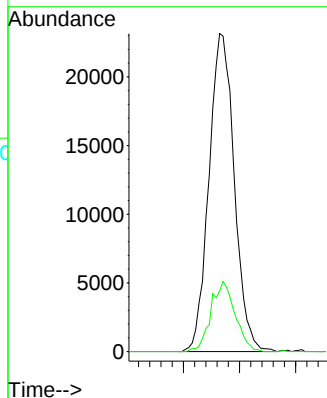
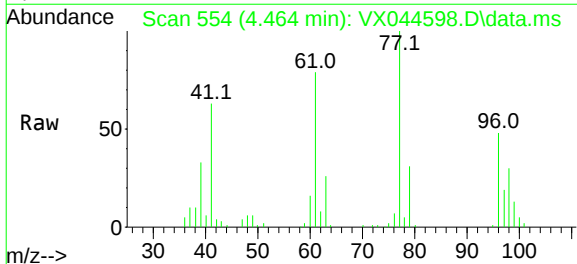
Manual Integrations
APPROVED

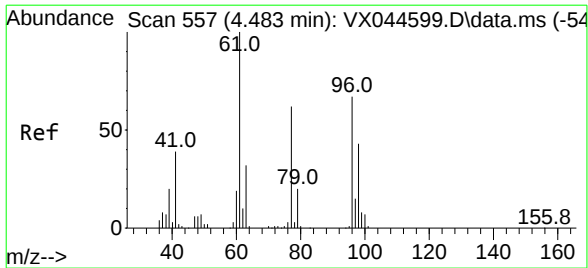
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#26
2,2-Dichloropropane
Concen: 20.594 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

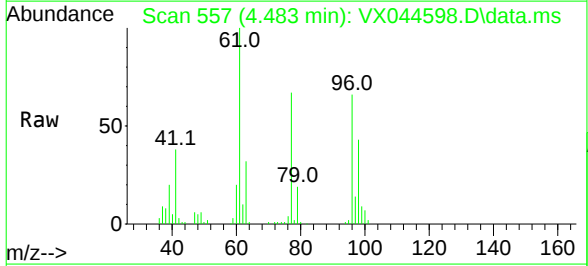
Tgt Ion: 77 Resp: 72557
Ion Ratio Lower Upper
77 100
97 21.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.418 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

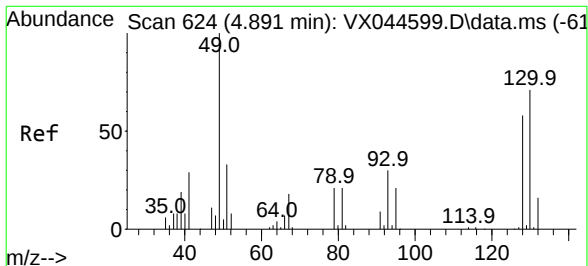
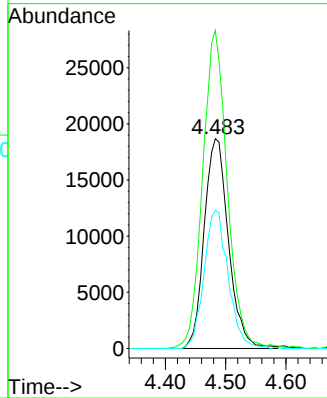
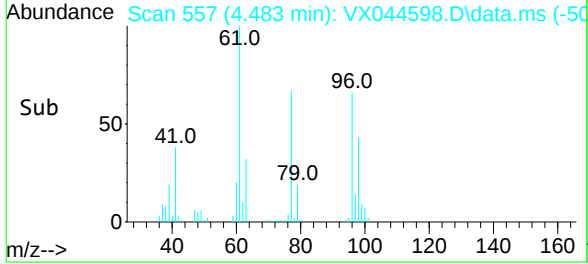
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 52269
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 302.8
 98 65.6 0.0 130.0

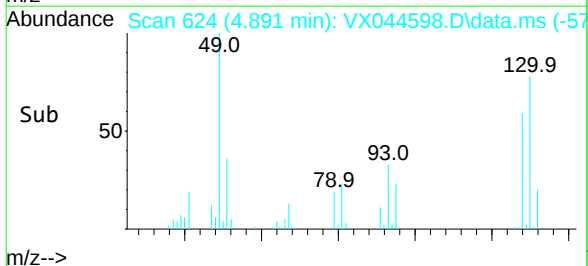
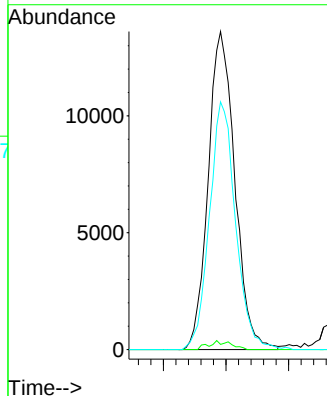
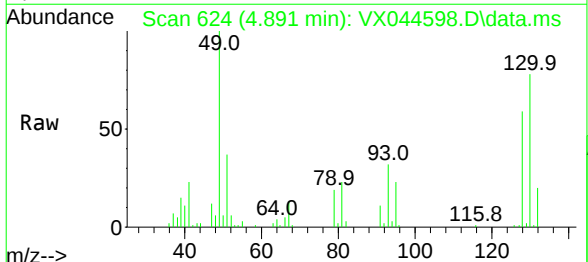
Manual Integrations
 APPROVED

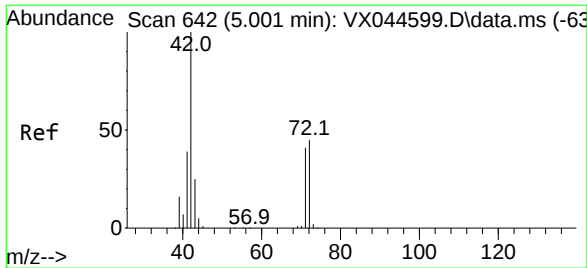
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#28
 Bromochloromethane
 Concen: 21.204 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

Tgt Ion: 49 Resp: 40221
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 76.6 58.8 88.2





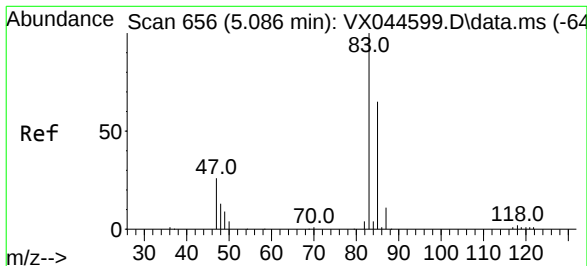
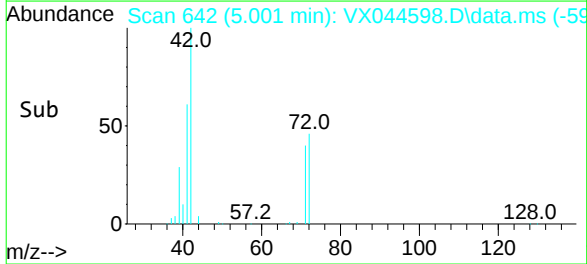
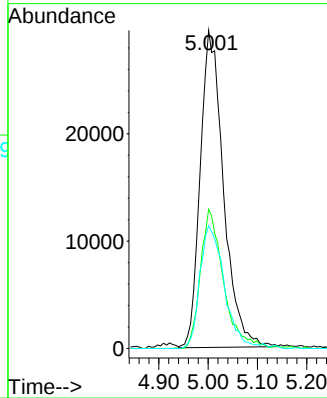
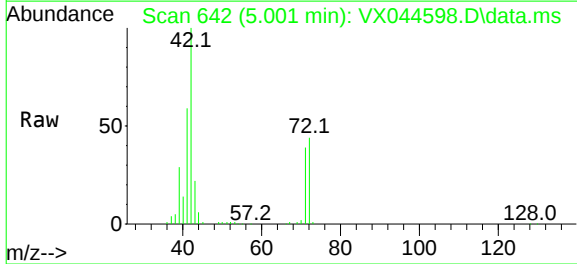
#29
Tetrahydrofuran
Concen: 105.382 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 96792
Ion Ratio Lower Upper
42 100
72 43.3 36.1 54.1
71 40.4 33.0 49.6

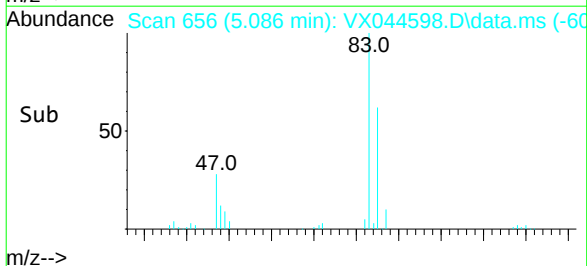
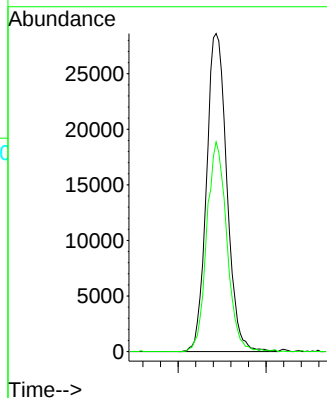
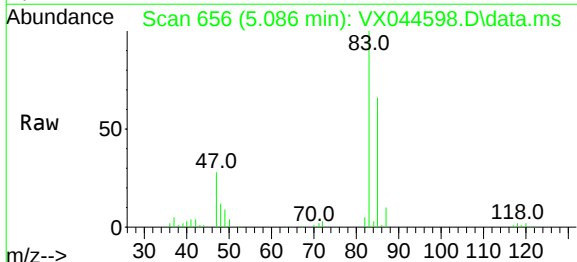
Manual Integrations
APPROVED

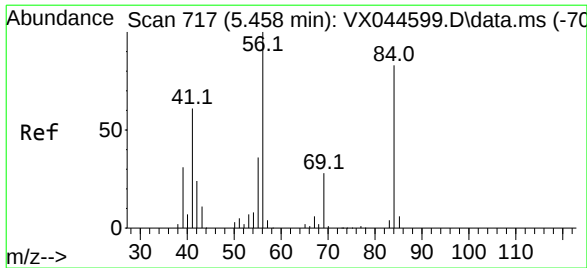
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
Chloroform
Concen: 20.946 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 83 Resp: 92017
Ion Ratio Lower Upper
83 100
85 65.9 52.3 78.5





#31

Cyclohexane

Concen: 20.758 ug/l

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

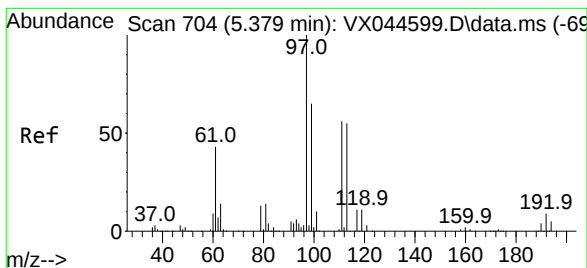
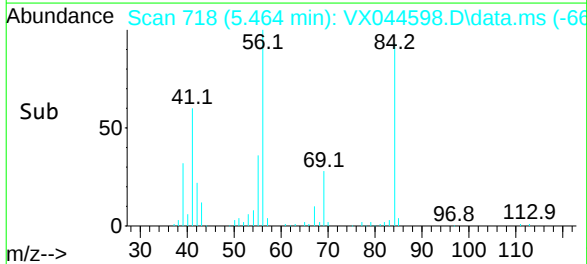
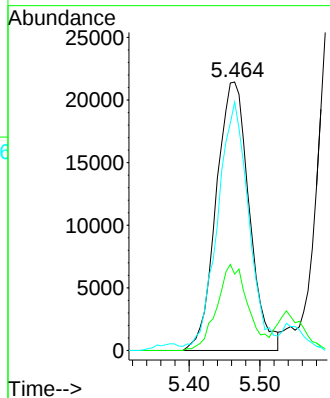
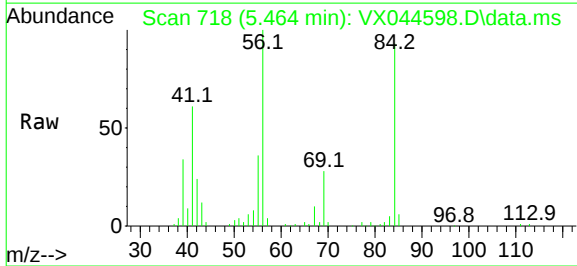
Tgt Ion:	56	Resp:	69453
Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.2	33.4
84	90.9	66.6	100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#32

1,1,1-Trichloroethane

Concen: 20.797 ug/l

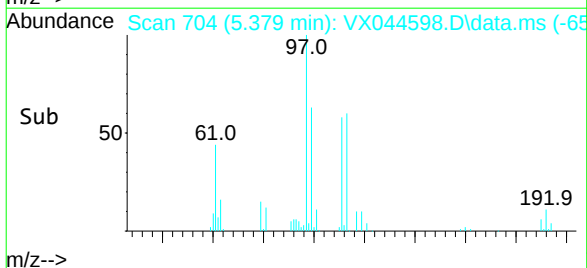
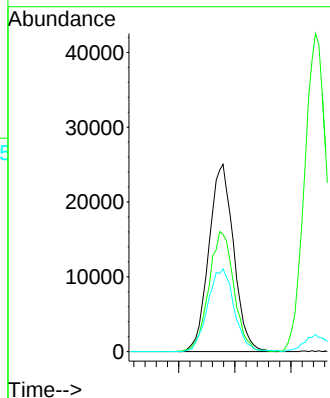
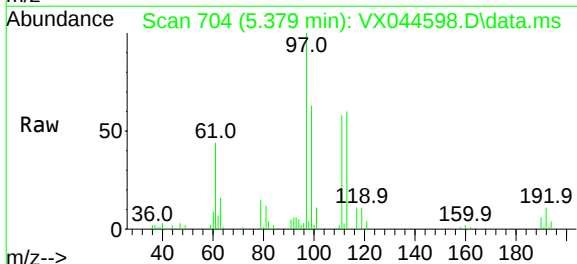
RT: 5.379 min Scan# 704

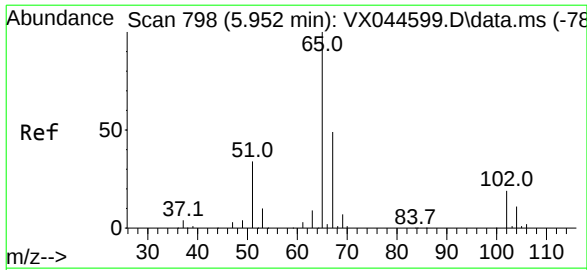
Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	97	Resp:	76888
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	47.0	36.8	55.2





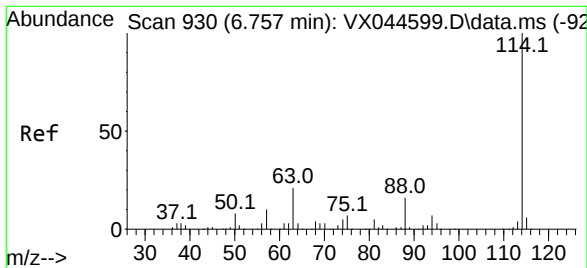
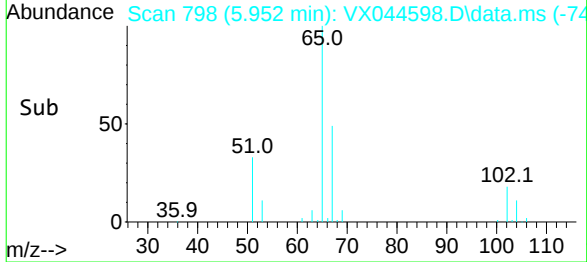
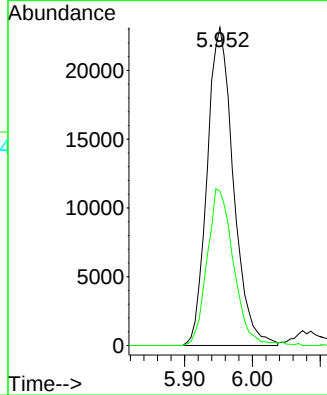
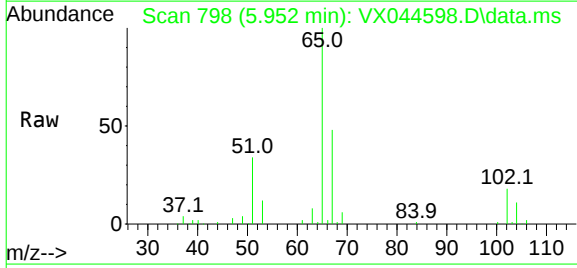
#33
1,2-Dichloroethane-d4
Concen: 21.098 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 62203
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

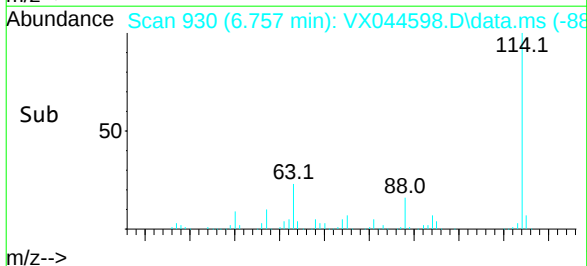
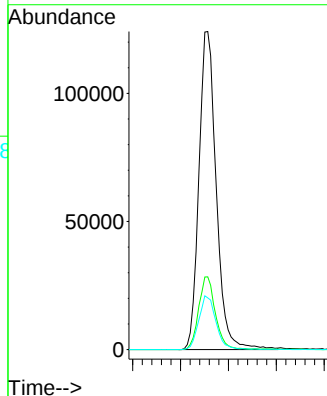
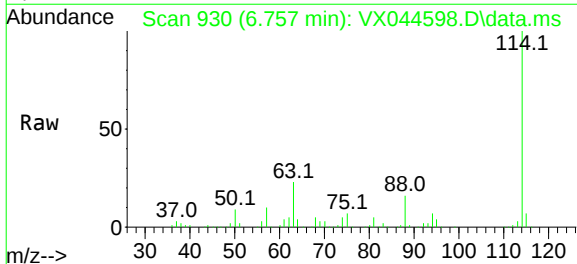
Manual Integrations
APPROVED

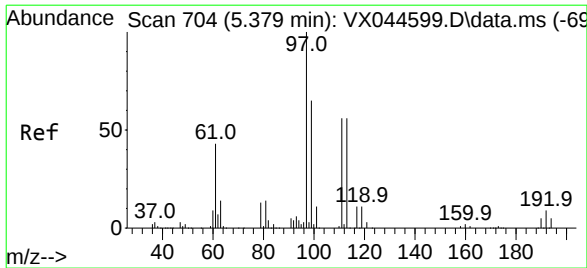
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:114 Resp: 312202
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.6
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.232 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

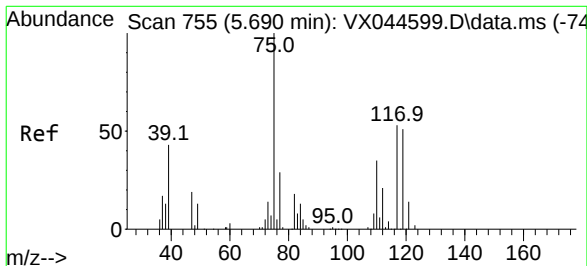
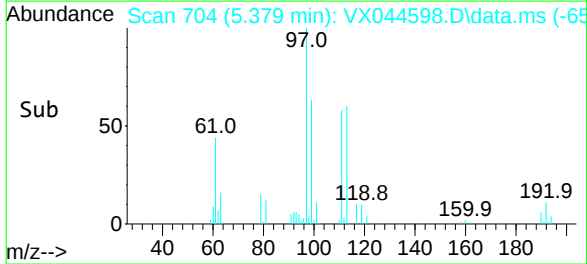
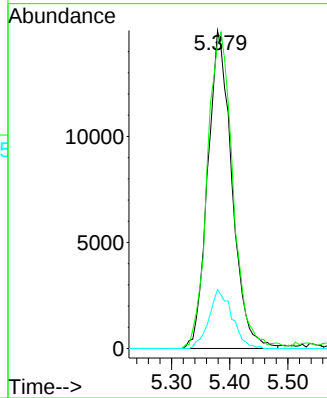
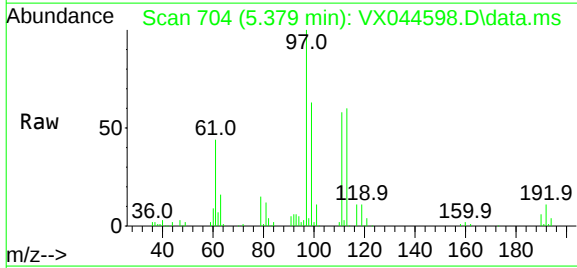
Tgt Ion:	113	Resp:	43312
Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.3	124.9
192	17.7	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#36

1,1-Dichloropropene

Concen: 20.780 ug/l

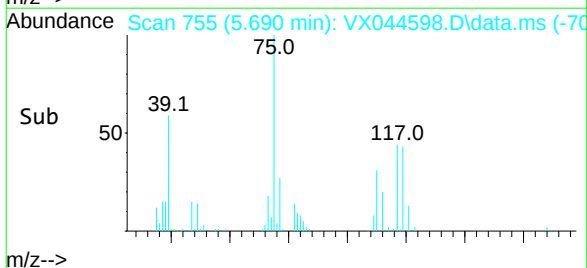
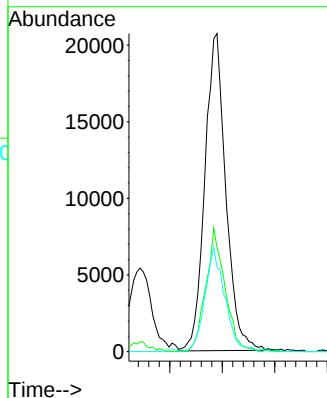
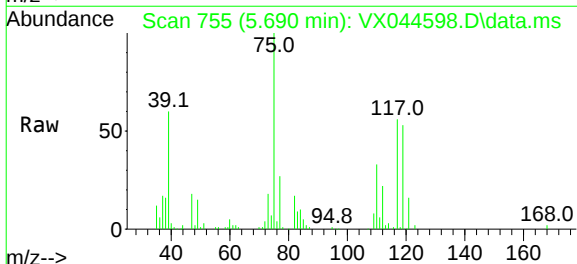
RT: 5.690 min Scan# 755

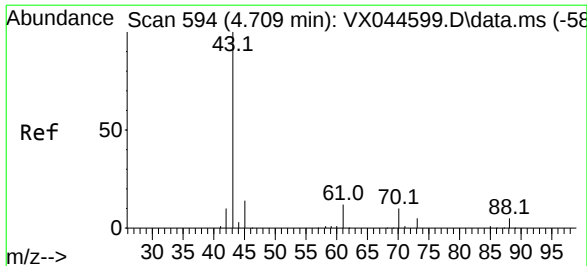
Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	75	Resp:	57525
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.3	51.9
77	31.1	24.7	37.1





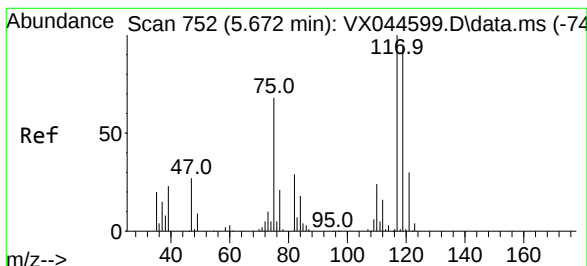
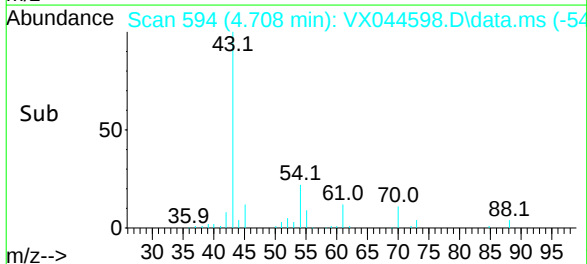
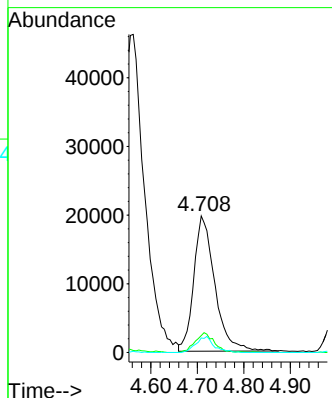
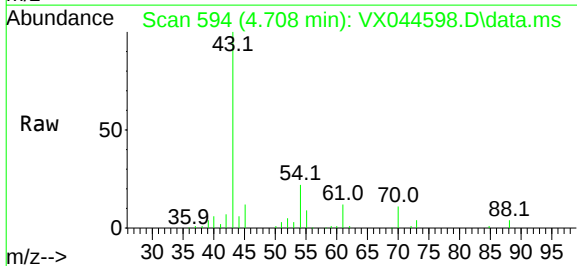
#37
Ethyl Acetate
Concen: 21.845 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	61814
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	10.1	8.0	12.0

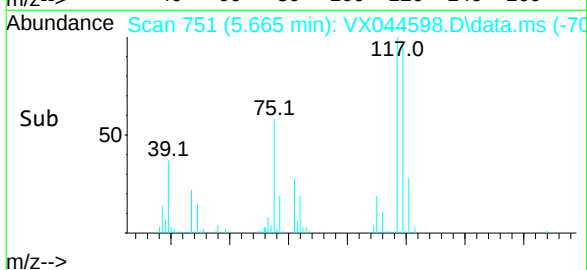
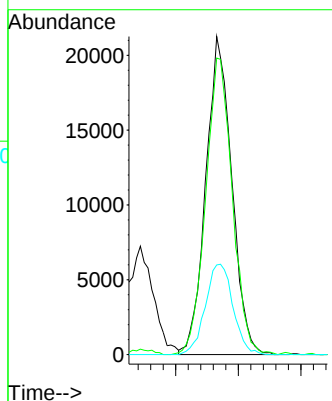
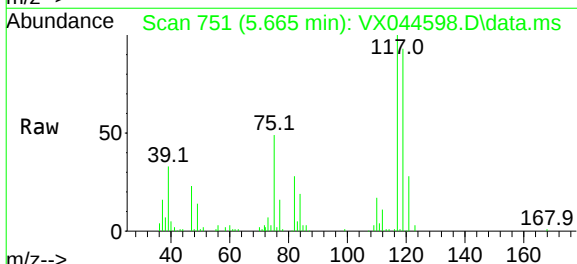
Manual Integrations
APPROVED

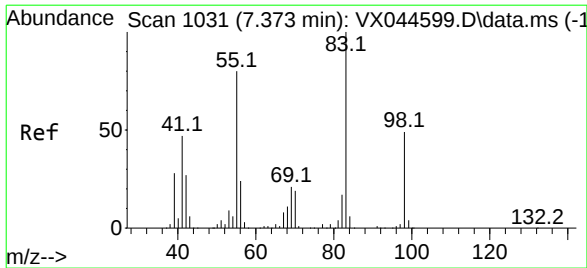
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#38
Carbon Tetrachloride
Concen: 19.945 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:	117	Resp:	61261
Ion	Ratio	Lower	Upper
117	100		
119	93.2	74.5	111.7
121	28.2	24.1	36.1





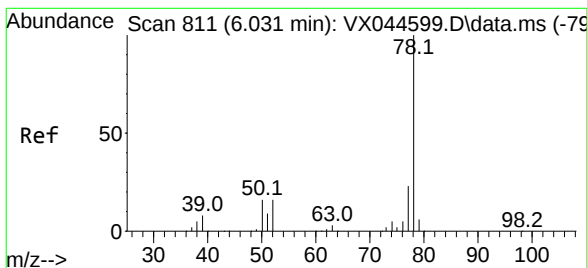
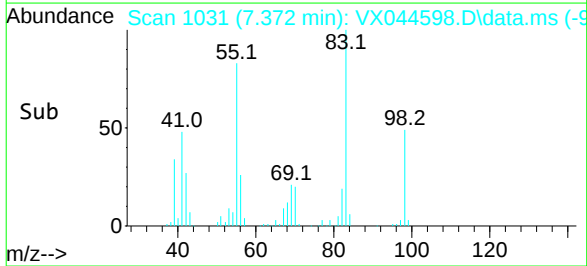
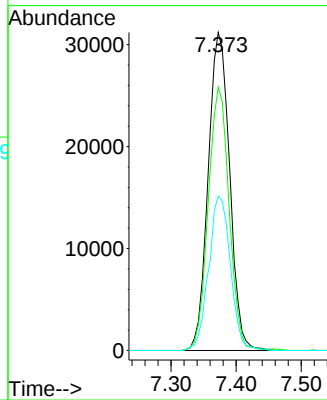
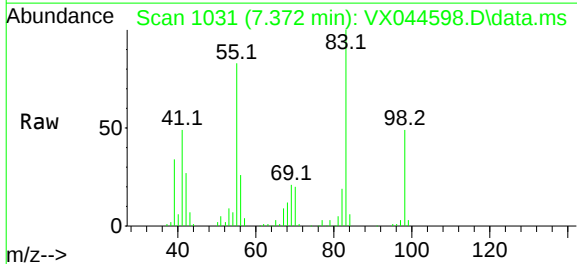
#39
Methylcyclohexane
Concen: 20.220 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 71421
Ion Ratio Lower Upper
83 100
55 82.7 64.1 96.1
98 48.6 38.9 58.3

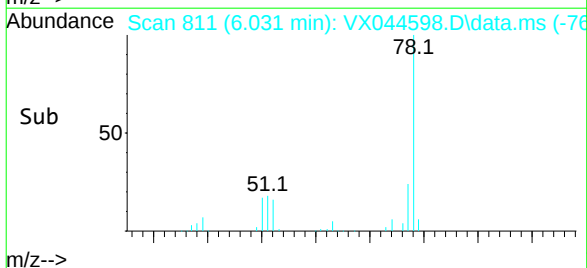
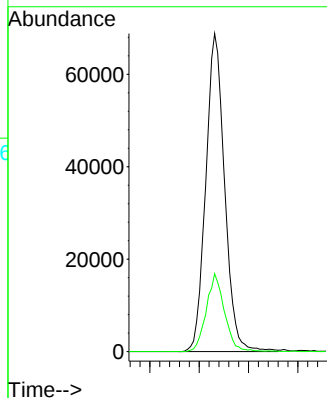
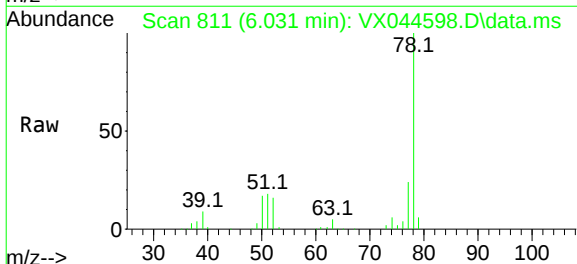
Manual Integrations
APPROVED

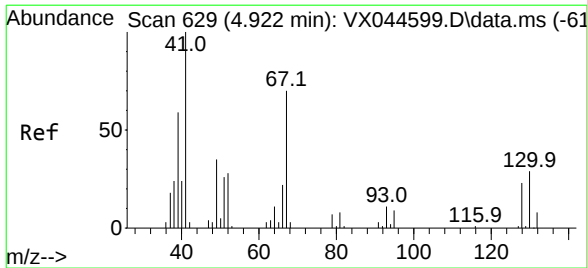
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Benzene
Concen: 20.965 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 78 Resp: 182735
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2





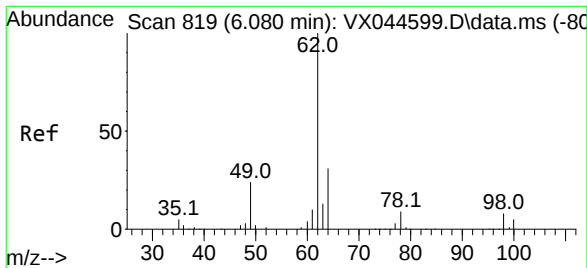
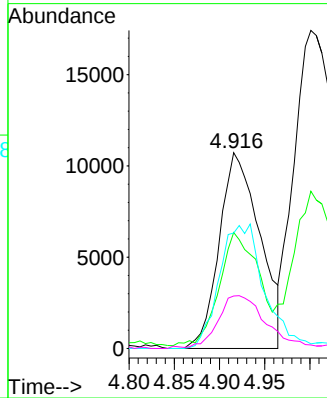
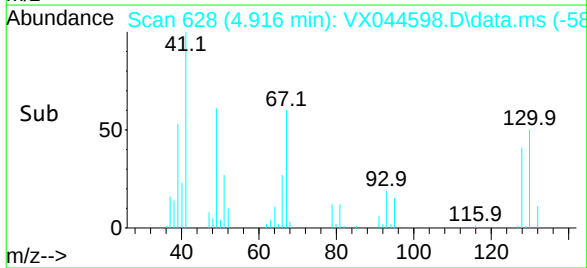
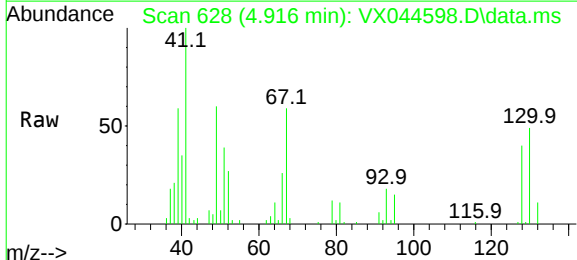
#41
Methacrylonitrile
Concen: 22.068 ug/l
RT: 4.916 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 33545
Ion Ratio Lower Upper
41 100
39 55.8 47.0 70.4
67 71.1 57.4 86.2
52 32.4 25.0 37.6

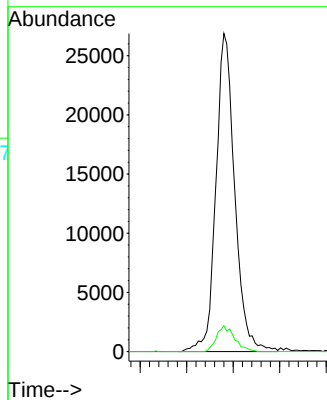
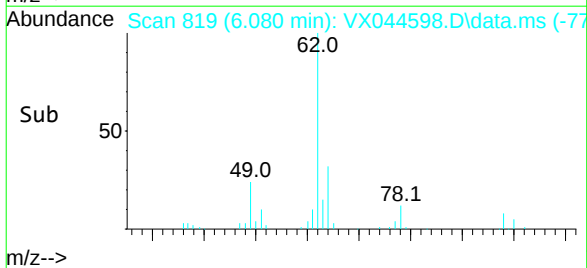
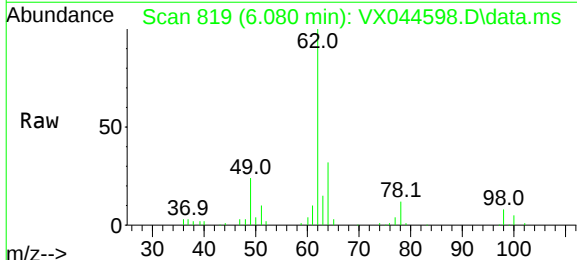
Manual Integrations
APPROVED

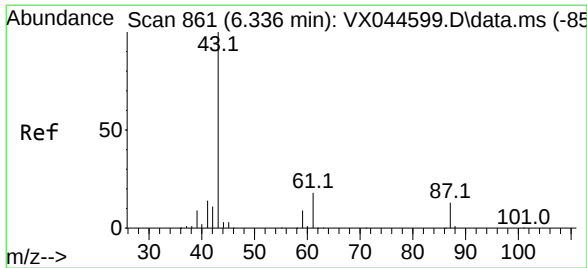
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#42
1,2-Dichloroethane
Concen: 22.109 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 62 Resp: 75362
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 21.325 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

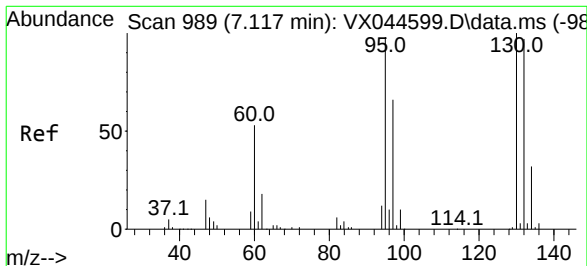
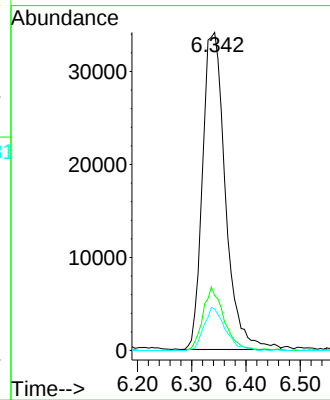
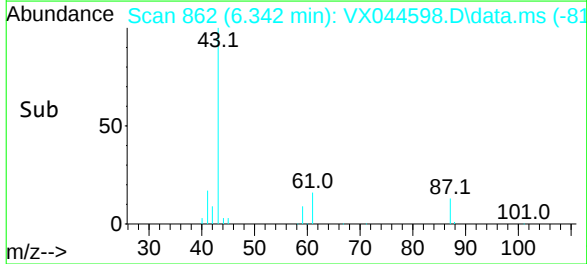
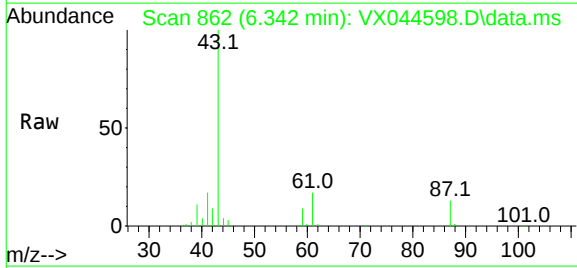
Tgt Ion:	43	Resp:	99627
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.5	21.7
87	12.6	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Trichloroethene

Concen: 20.086 ug/l

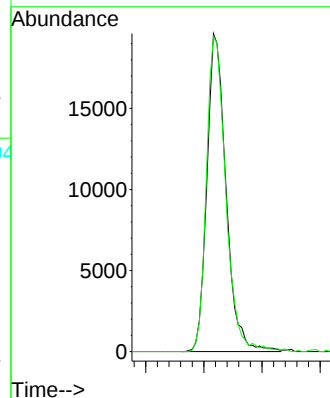
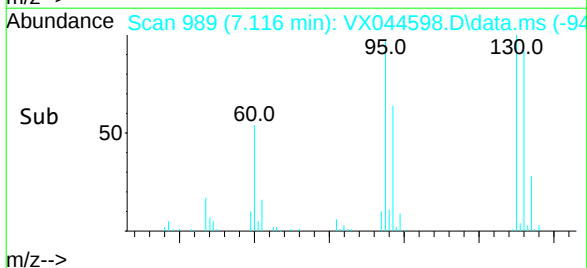
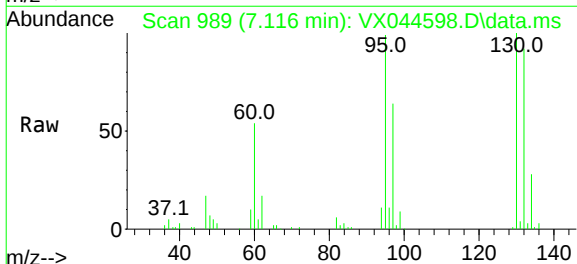
RT: 7.116 min Scan# 989

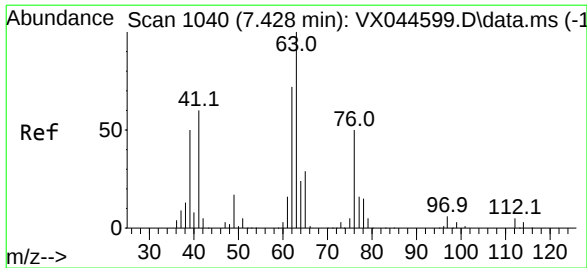
Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	130	Resp:	44753
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	195.6





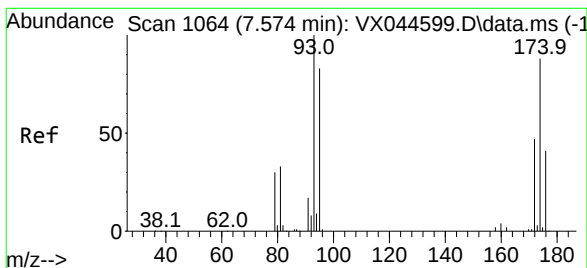
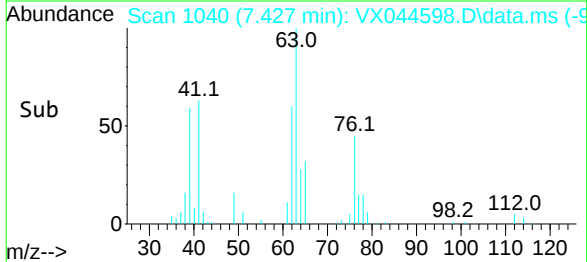
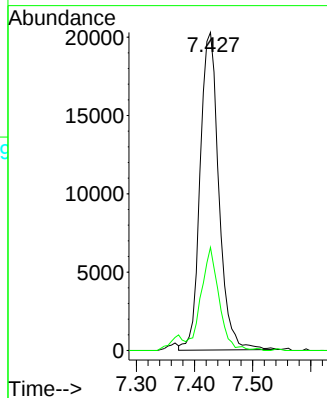
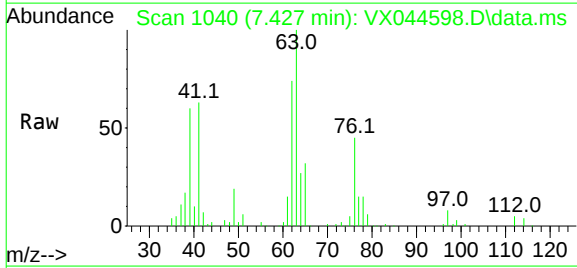
#45
1,2-Dichloropropane
Concen: 21.352 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 45374
Ion Ratio Lower Upper
63 100
65 31.9 23.0 34.4

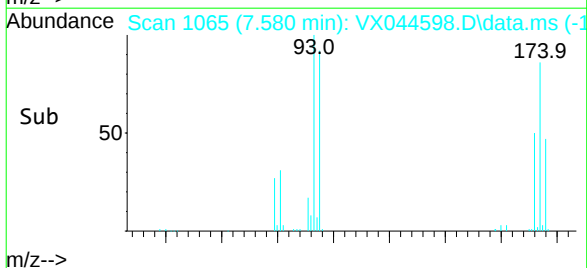
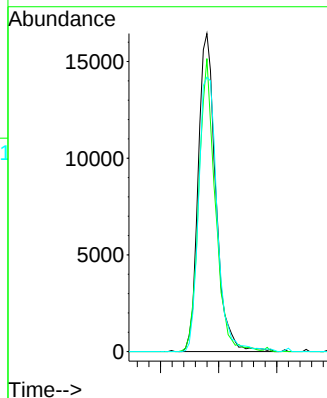
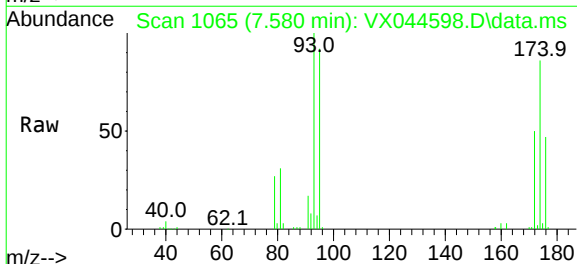
Manual Integrations
APPROVED

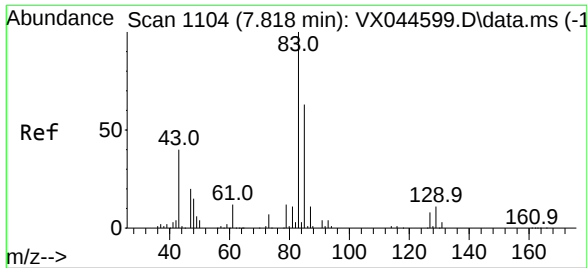
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#46
Dibromomethane
Concen: 20.895 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 93 Resp: 34533
Ion Ratio Lower Upper
93 100
95 86.0 65.8 98.6
174 91.5 73.4 110.0





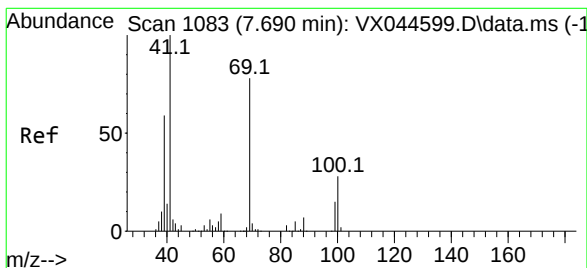
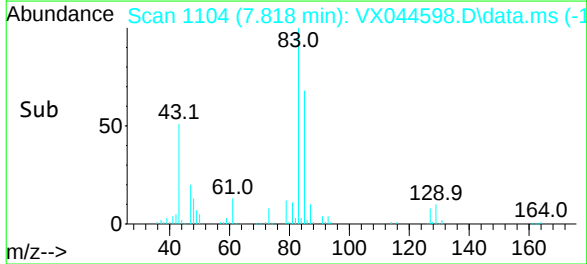
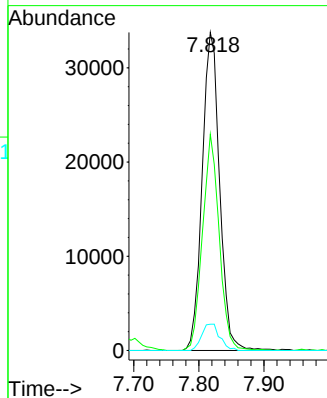
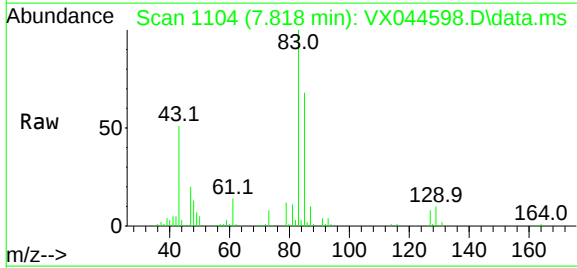
#47
Bromodichloromethane
Concen: 20.903 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 62867
Ion Ratio Lower Upper
83 100
85 68.0 50.4 75.6
127 8.3 6.2 9.4

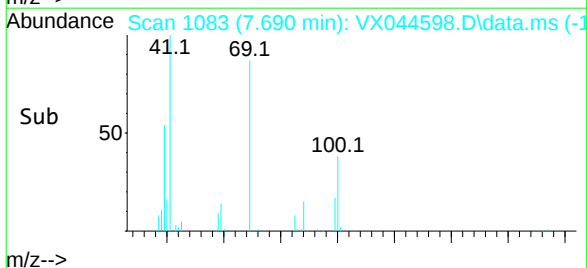
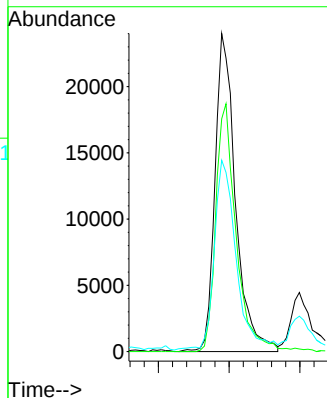
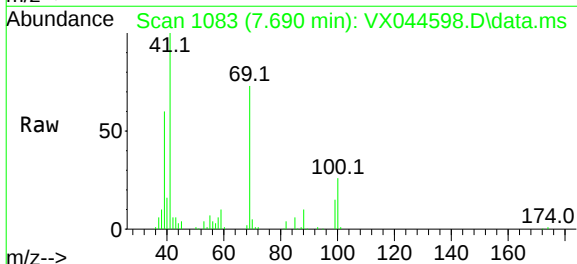
Manual Integrations
APPROVED

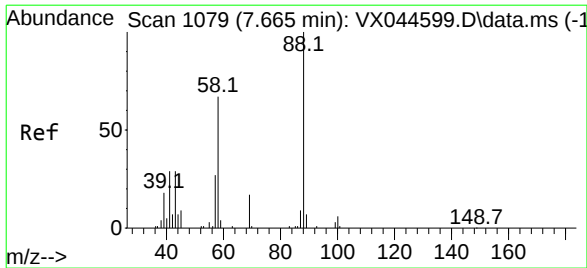
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
Methyl methacrylate
Concen: 21.700 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 41 Resp: 48354
Ion Ratio Lower Upper
41 100
69 77.1 62.9 94.3
39 63.4 48.9 73.3





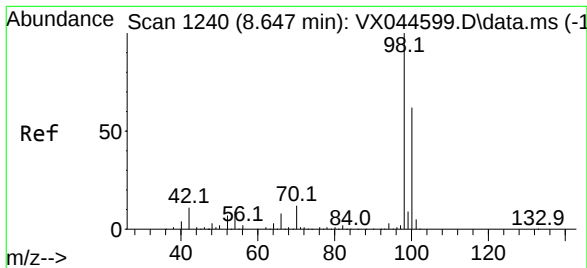
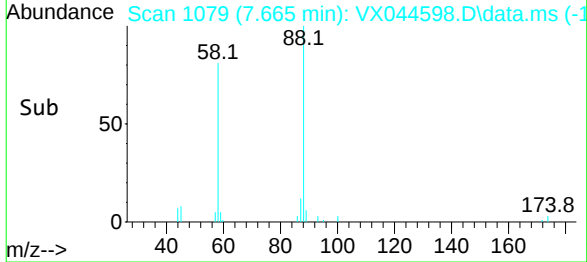
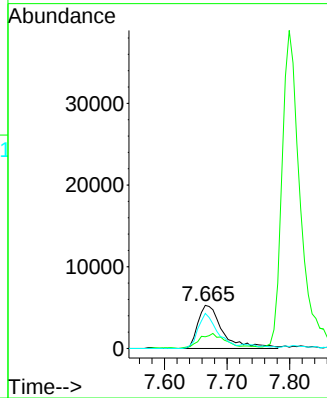
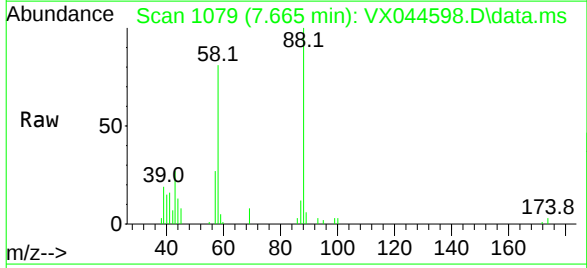
#49
1,4-Dioxane
Concen: 444.533 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 14556
Ion Ratio Lower Upper
88 100
43 38.7 29.5 44.3
58 63.7 56.3 84.5

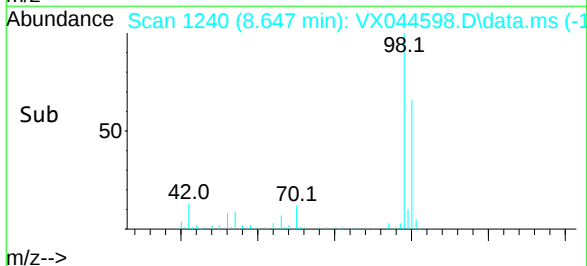
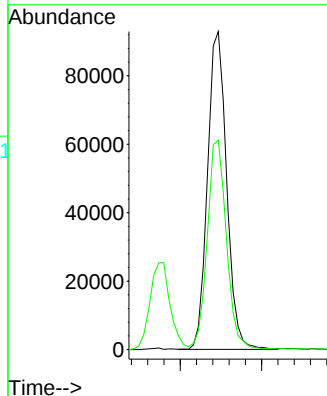
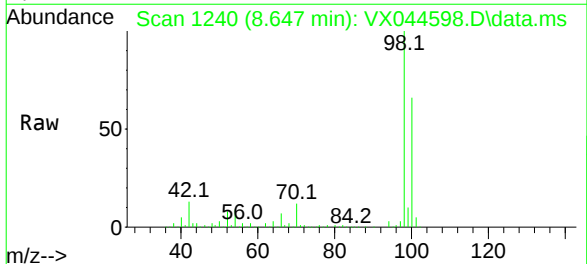
Manual Integrations
APPROVED

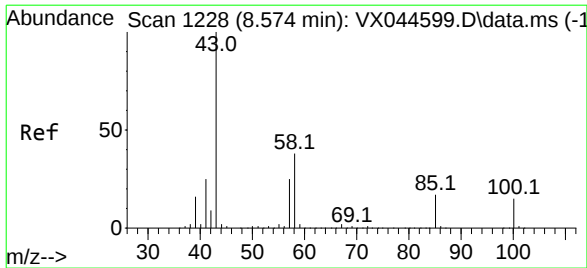
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#50
Toluene-d8
Concen: 20.722 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 98 Resp: 151532
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





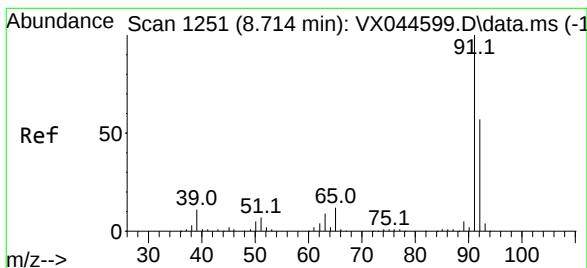
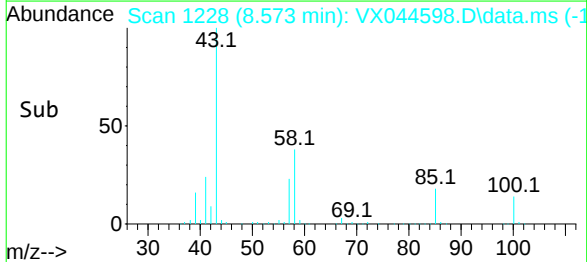
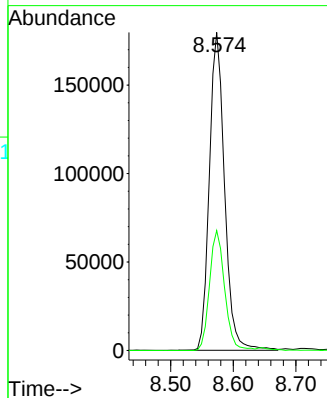
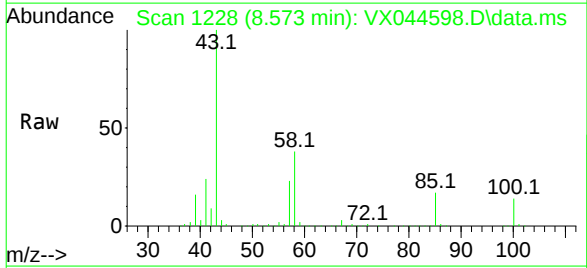
#51
4-Methyl-2-Pentanone
Concen: 111.120 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 303467
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0

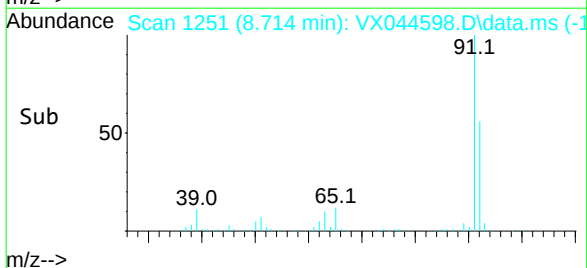
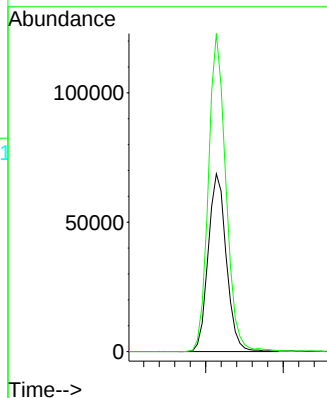
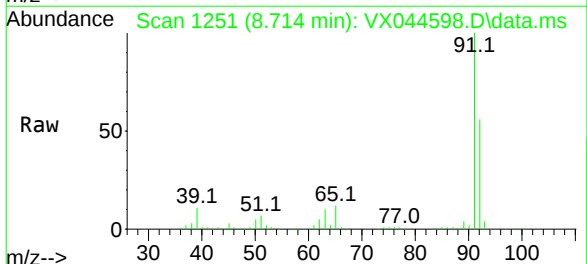
Manual Integrations
APPROVED

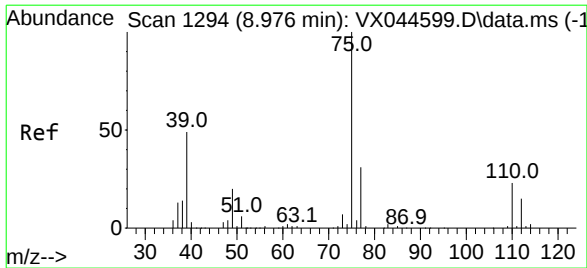
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
Toluene
Concen: 21.272 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

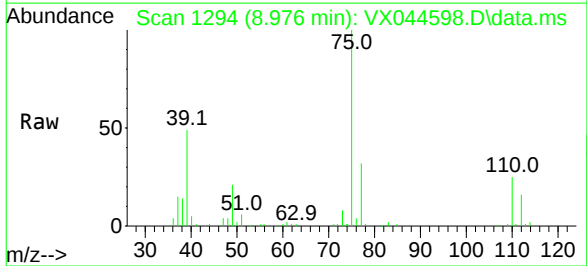
Tgt Ion: 92 Resp: 111872
Ion Ratio Lower Upper
92 100
91 172.6 140.6 210.8





#53
t-1,3-Dichloropropene
Concen: 21.133 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

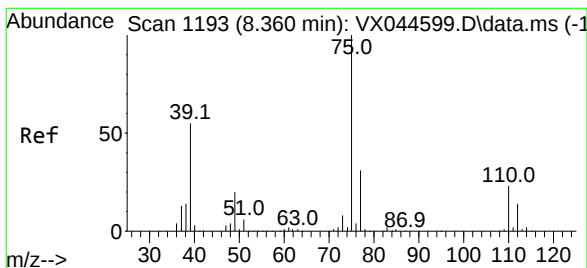
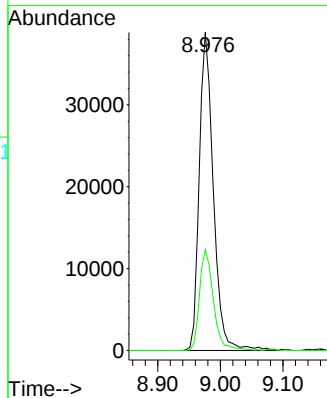
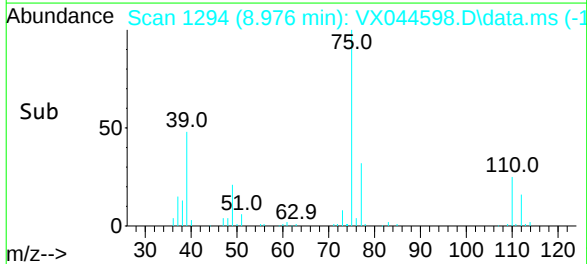
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



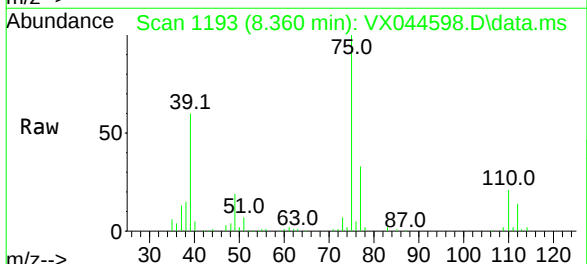
Tgt Ion: 75 Resp: 60752
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2

Manual Integrations
APPROVED

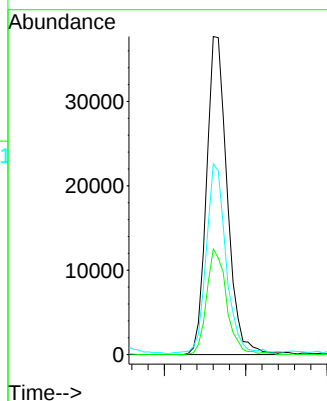
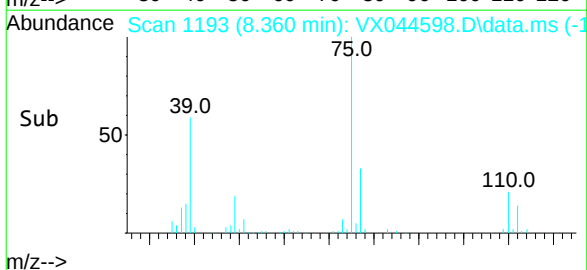
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

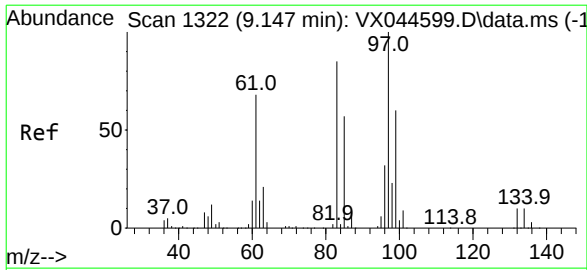


#54
cis-1,3-Dichloropropene
Concen: 20.586 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51



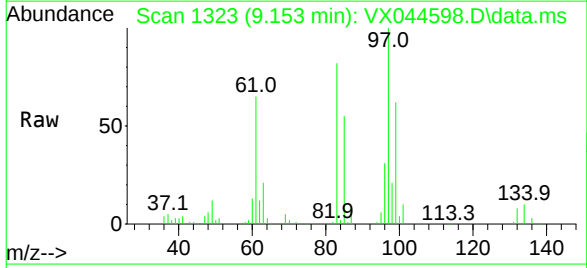
Tgt Ion: 75 Resp: 66510
Ion Ratio Lower Upper
75 100
77 33.2 24.5 36.7
39 59.3 44.3 66.5





#55
1,1,2-Trichloroethane
Concen: 21.158 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

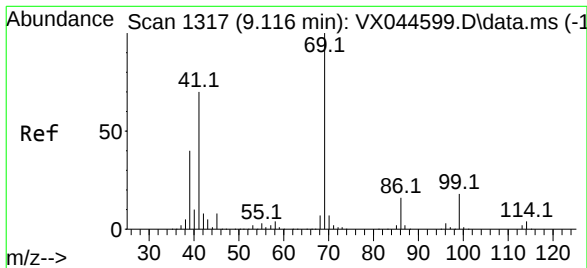
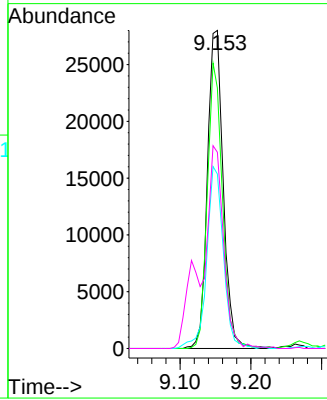
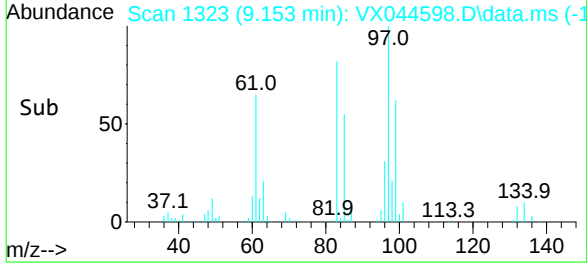
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



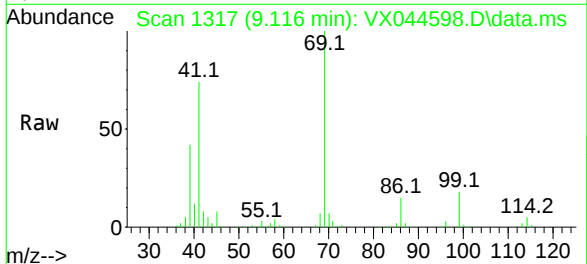
Tgt Ion: 97 Resp: 43622
Ion Ratio Lower Upper
97 100
83 81.9 68.0 102.0
85 54.9 45.4 68.0
99 61.7 48.4 72.6

Manual Integrations
APPROVED

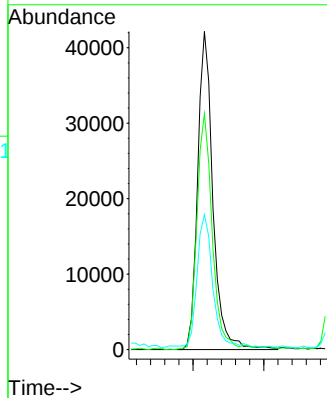
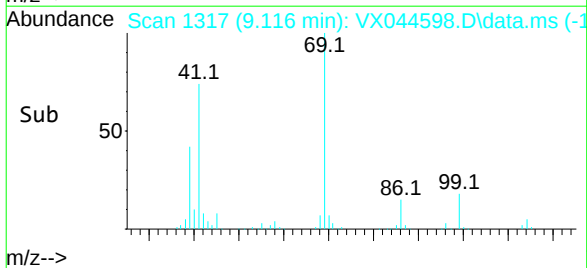
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

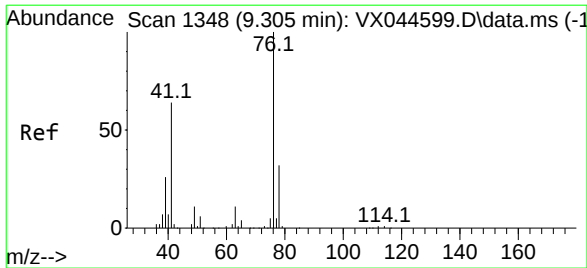


#56
Ethyl methacrylate
Concen: 21.068 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51



Tgt Ion: 69 Resp: 63170
Ion Ratio Lower Upper
69 100
41 73.6 57.7 86.5
39 43.5 33.7 50.5





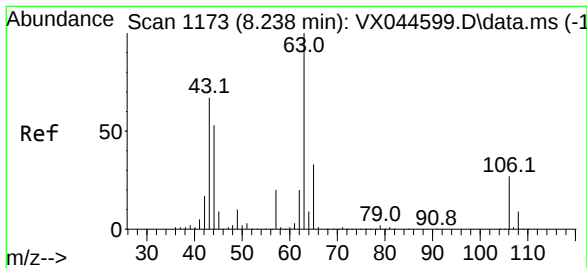
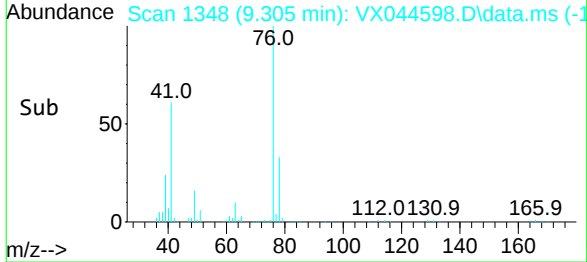
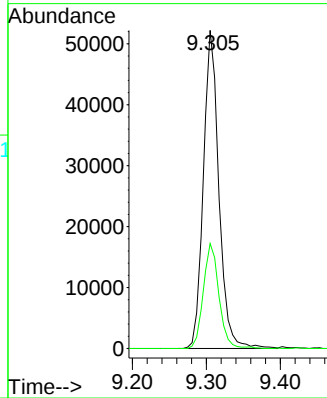
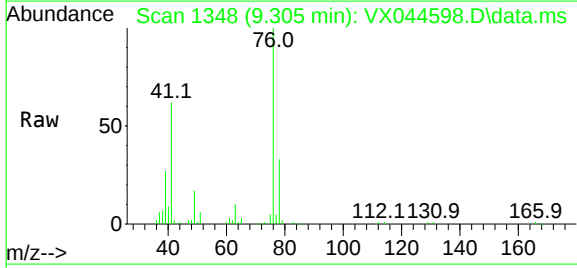
#57
1,3-Dichloropropane
Concen: 21.969 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 76059
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.8

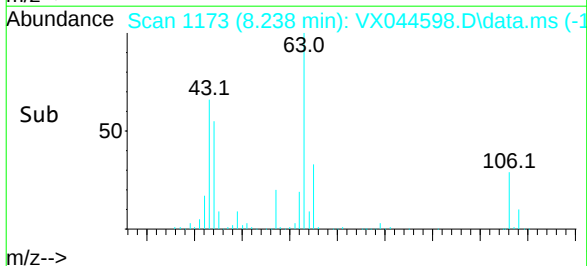
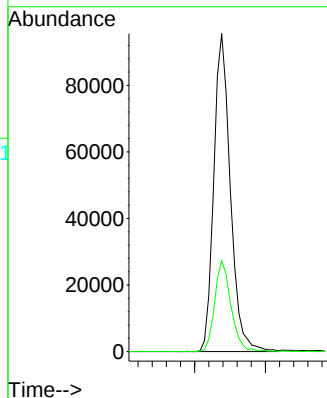
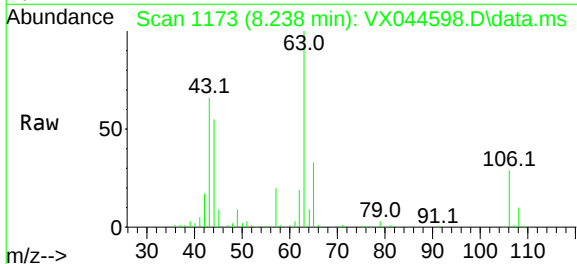
Manual Integrations
APPROVED

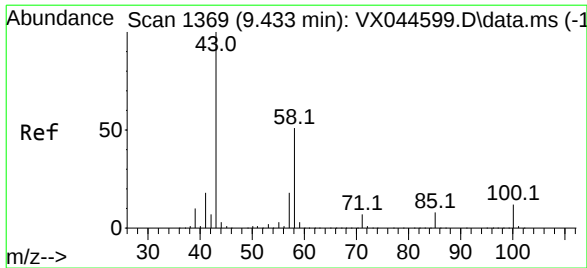
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 104.333 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 63 Resp: 155083
Ion Ratio Lower Upper
63 100
106 28.2 22.4 33.6





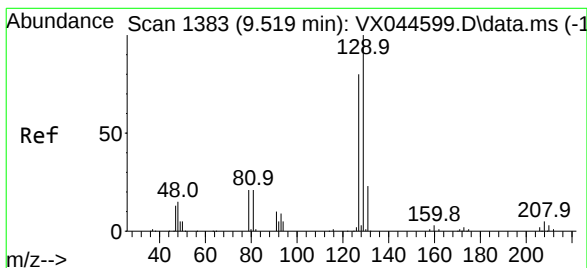
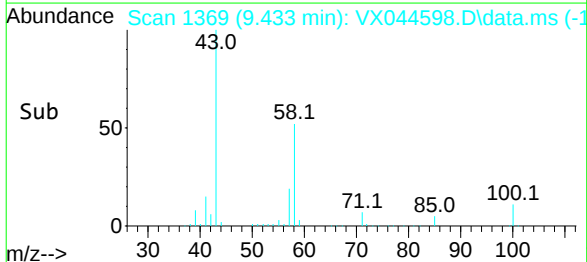
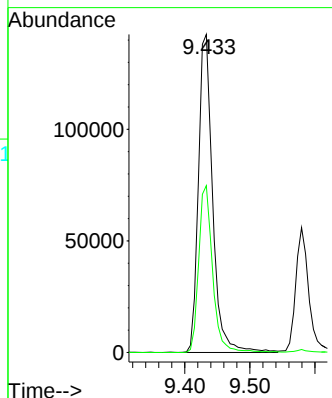
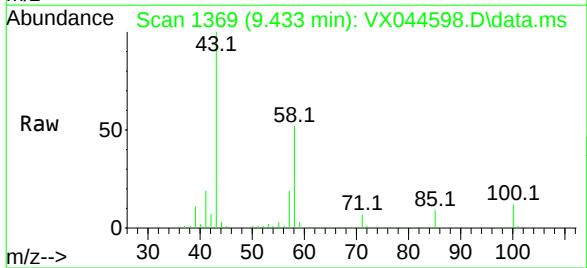
#59
2-Hexanone
Concen: 112.353 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 216998
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.4

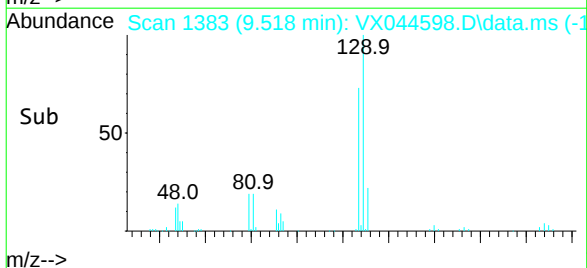
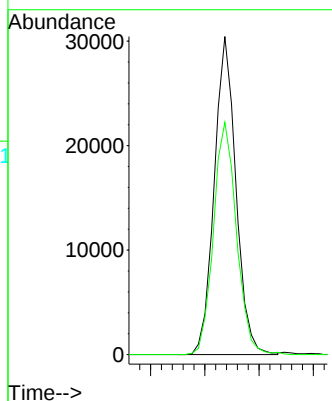
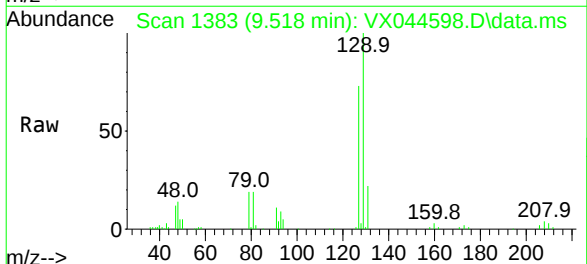
Manual Integrations
APPROVED

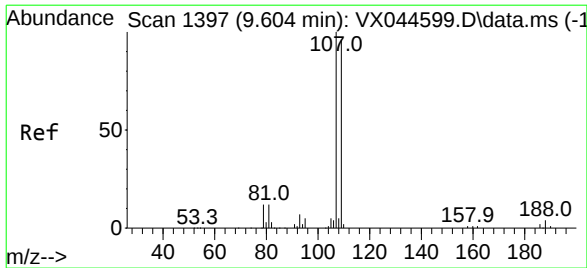
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
Dibromochloromethane
Concen: 20.568 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:129 Resp: 42282
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





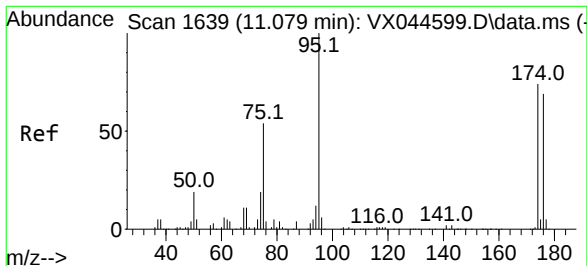
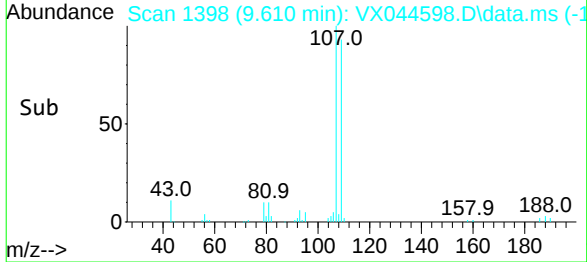
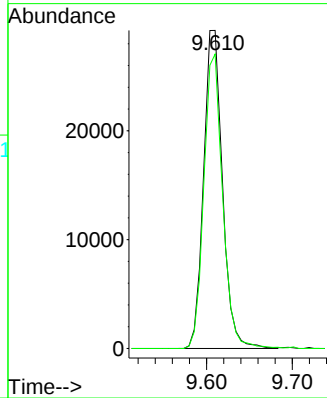
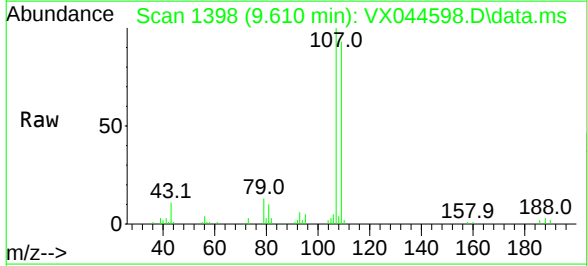
#61
1,2-Dibromoethane
Concen: 21.501 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 44770
Ion Ratio Lower Upper
107 100
109 92.2 76.7 115.1

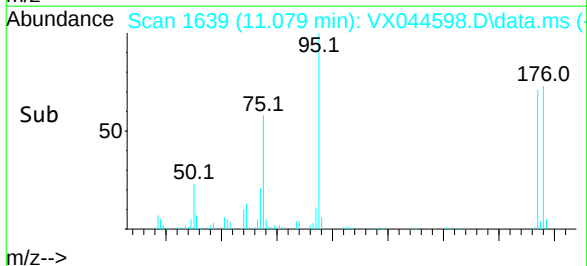
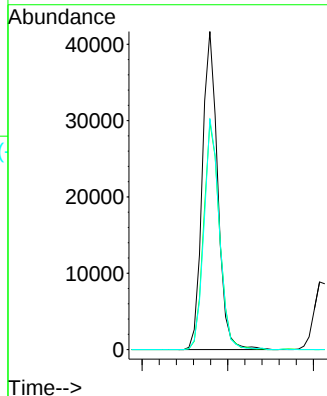
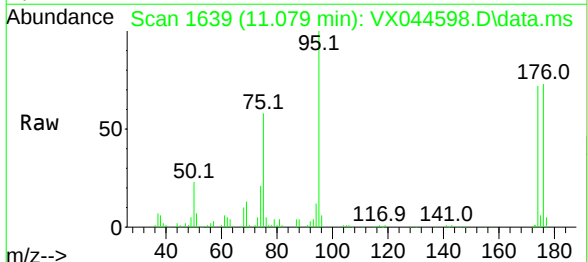
Manual Integrations
APPROVED

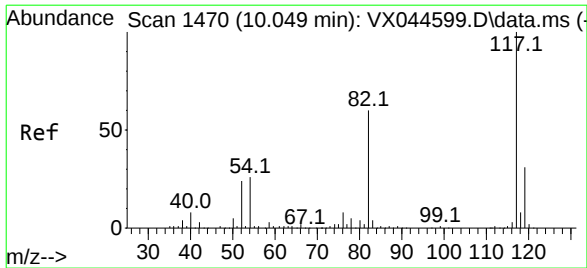
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
4-Bromofluorobenzene
Concen: 20.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

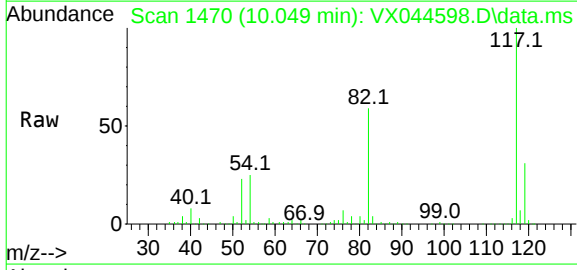
Tgt Ion: 95 Resp: 51959
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.8
176 72.6 0.0 139.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

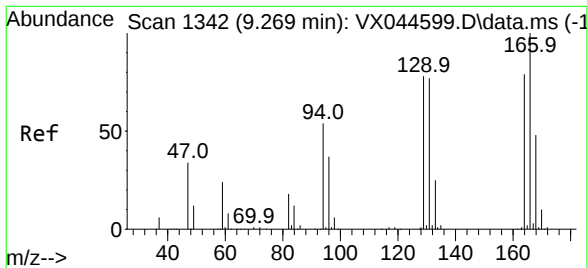
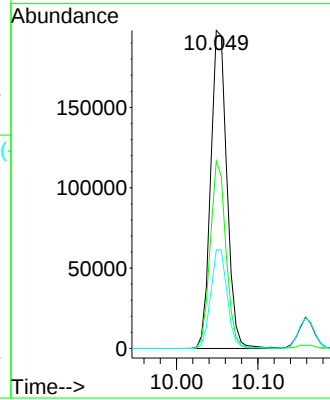
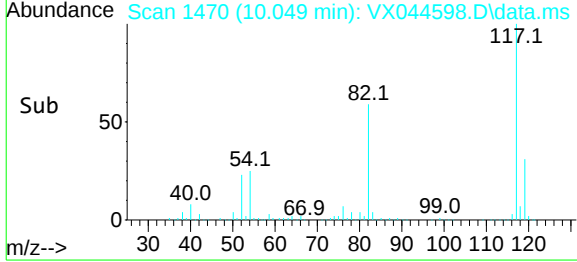
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



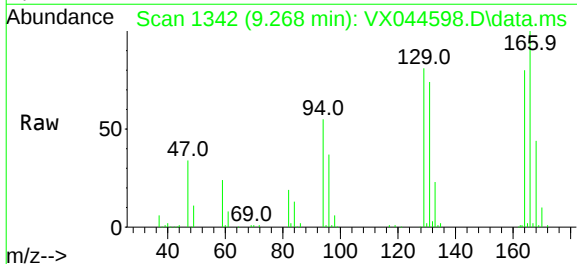
Tgt Ion:117 Resp: 273147
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 31.0 25.0 37.6

Manual Integrations
APPROVED

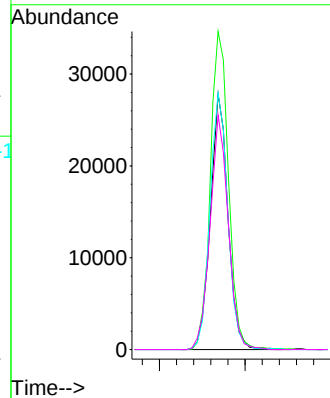
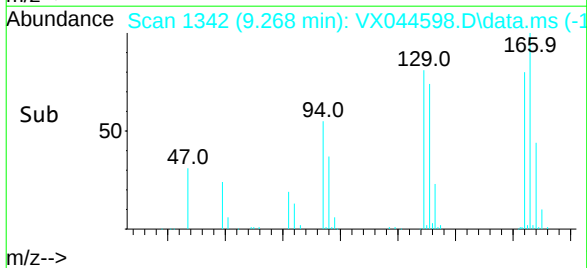
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

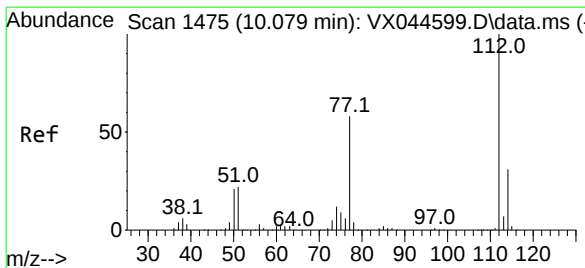


#64
Tetrachloroethene
Concen: 20.489 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51



Tgt Ion:164 Resp: 39569
Ion Ratio Lower Upper
164 100
166 124.4 101.5 152.3
129 100.2 78.9 118.3
131 91.7 77.9 116.9





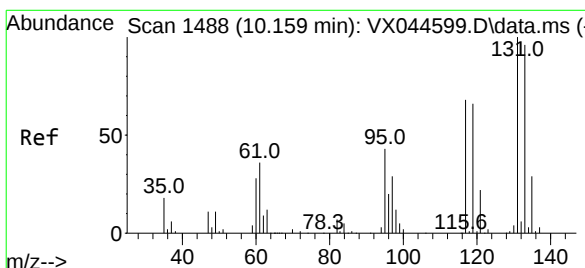
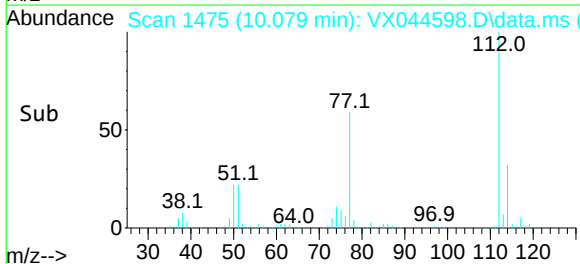
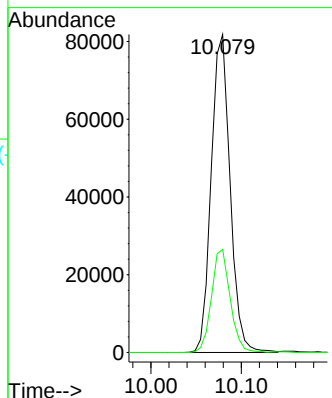
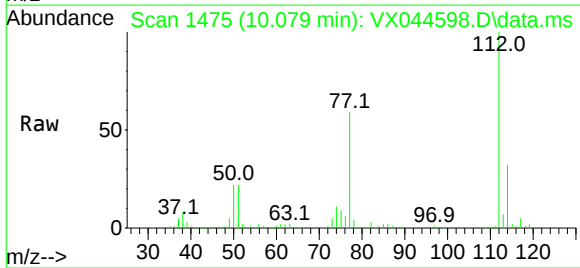
#65
Chlorobenzene
Concen: 20.467 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 118653
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

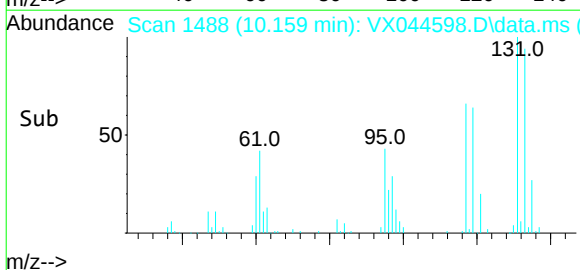
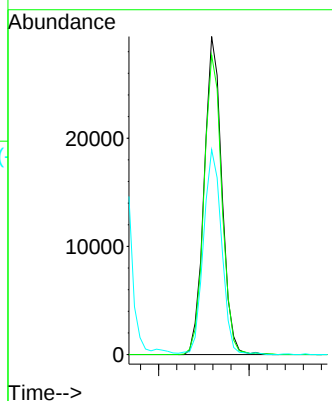
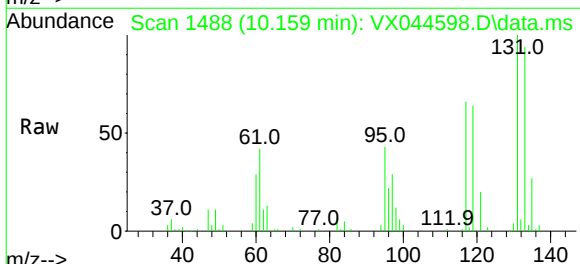
Manual Integrations
APPROVED

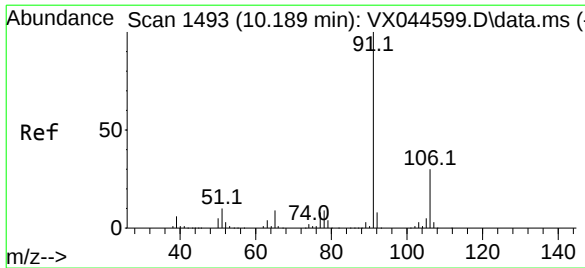
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

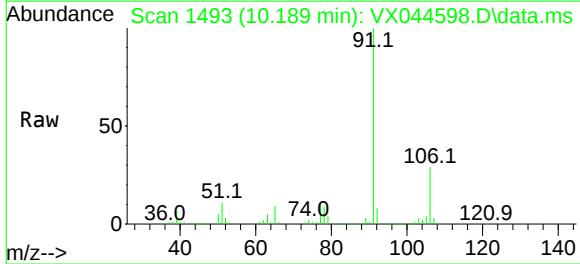
Tgt Ion:131 Resp: 39956
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 65.9 32.8 98.4





#67
Ethyl Benzene
Concen: 21.066 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

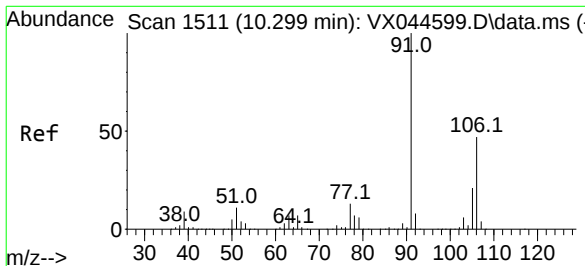
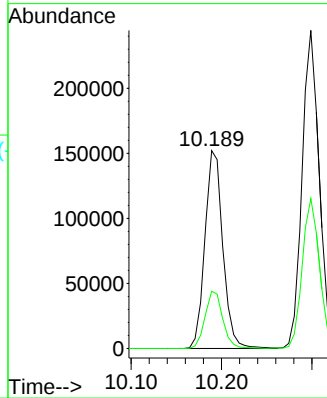
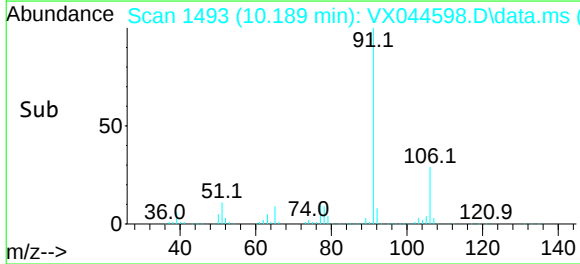
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 209710
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.8

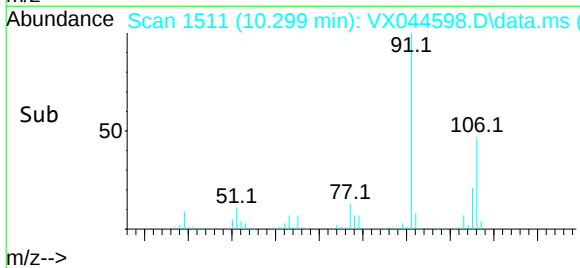
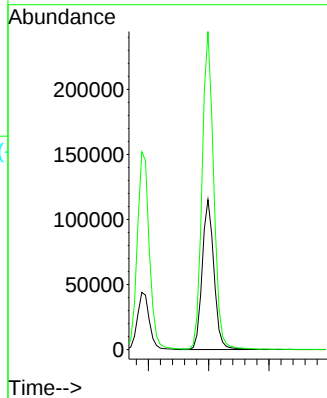
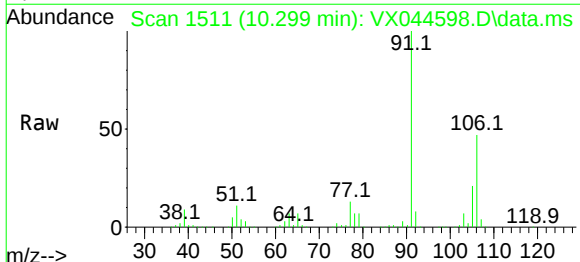
Manual Integrations
APPROVED

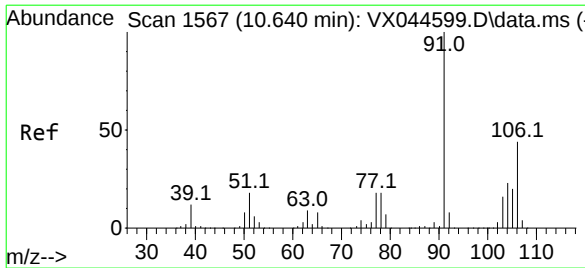
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#68
m/p-Xylenes
Concen: 42.593 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:106 Resp: 155810
Ion Ratio Lower Upper
106 100
91 209.5 170.4 255.6





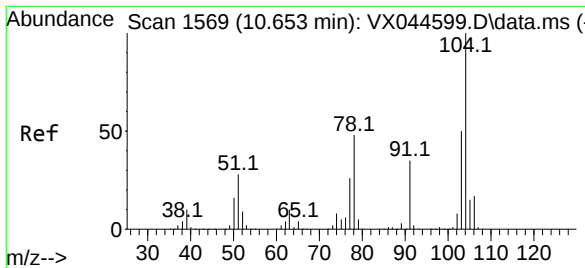
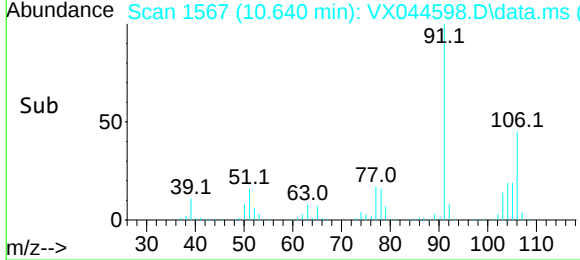
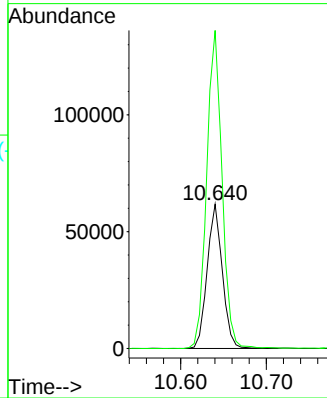
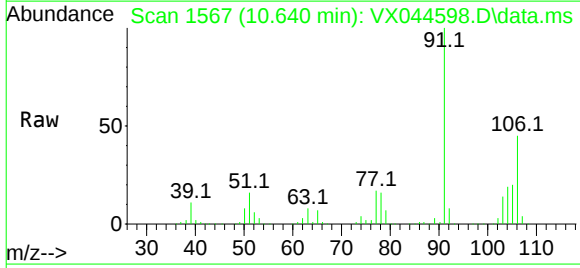
#69
o-Xylene
Concen: 20.601 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 76065
Ion Ratio Lower Upper
106 100
91 223.2 112.3 336.8

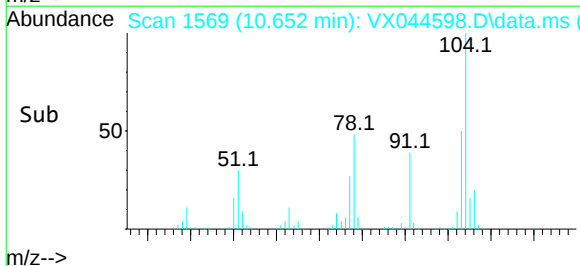
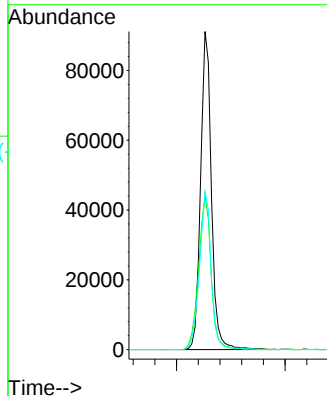
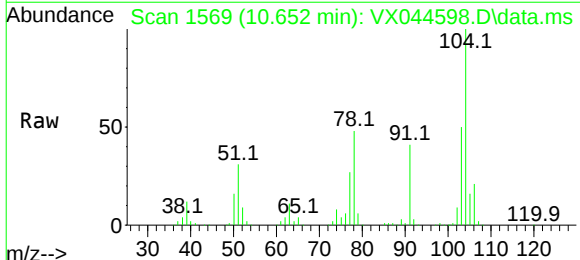
Manual Integrations
APPROVED

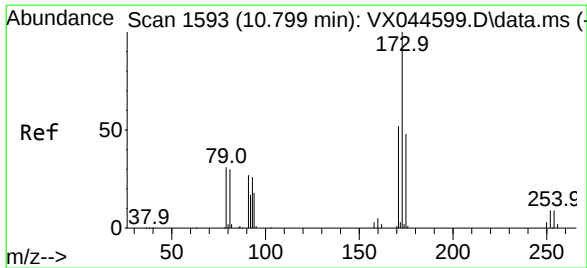
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70
Styrene
Concen: 21.385 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:104 Resp: 126293
Ion Ratio Lower Upper
104 100
78 55.6 44.0 66.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 19.617 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

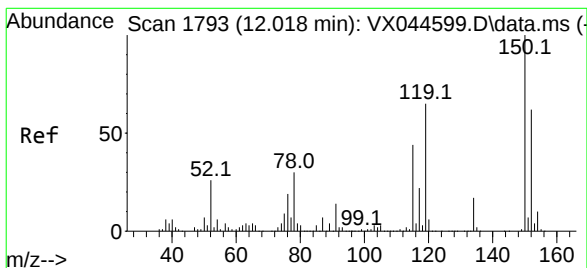
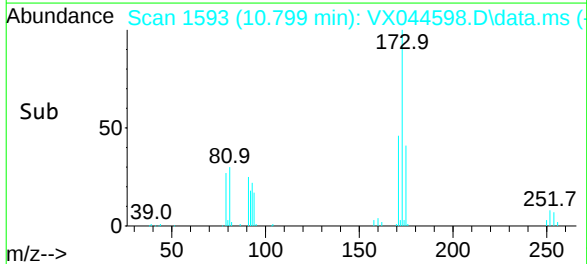
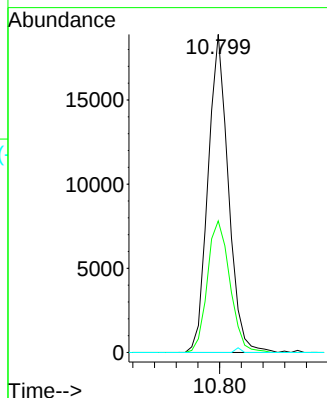
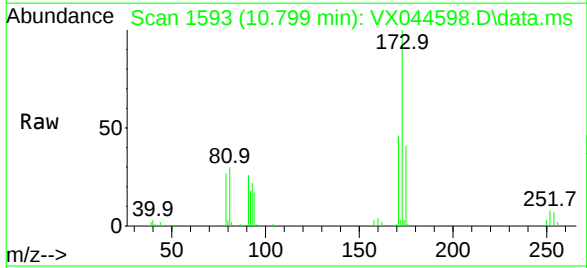
Tgt Ion:	173	Resp:	24563
Ion Ratio	Lower	Upper	
173	100		
175	45.9	24.6	73.8
254	0.4	0.0	0.0

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

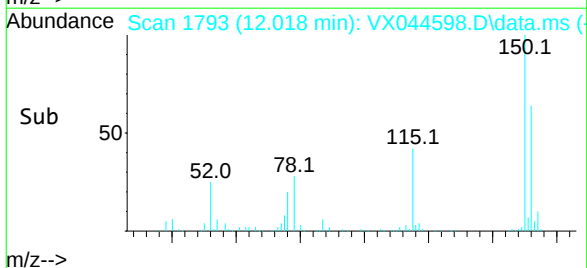
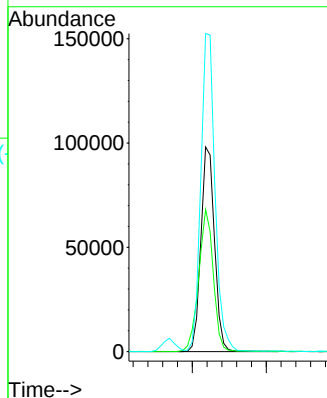
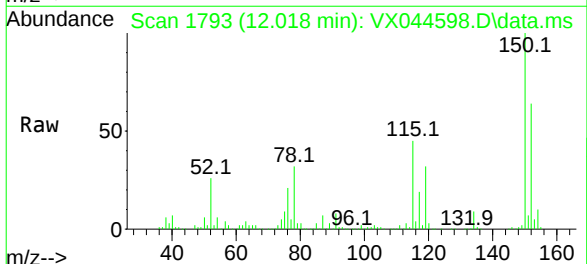
RT: 12.018 min Scan# 1793

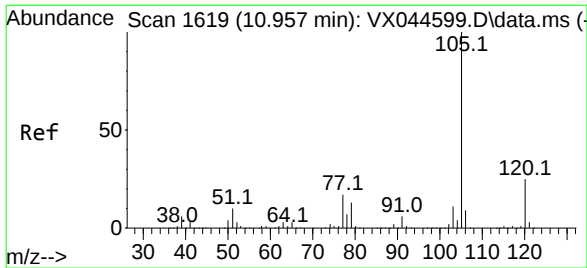
Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	152	Resp:	125618
Ion Ratio	Lower	Upper	
152	100		
115	74.1	44.4	133.1
150	161.8	0.0	355.0





#73

Isopropylbenzene

Concen: 21.012 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 195554

Ion Ratio Lower Upper

105 100

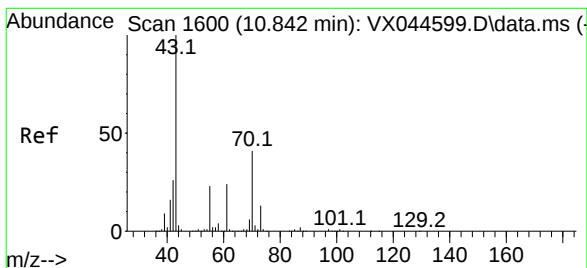
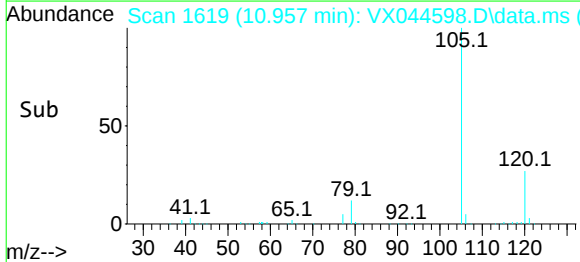
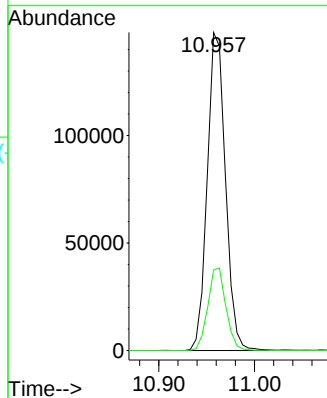
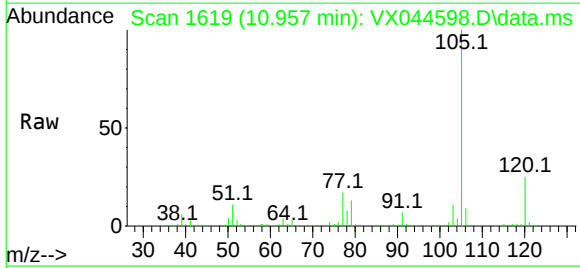
120 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

N-ethyl acetate

Concen: 21.023 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion: 43 Resp: 79390

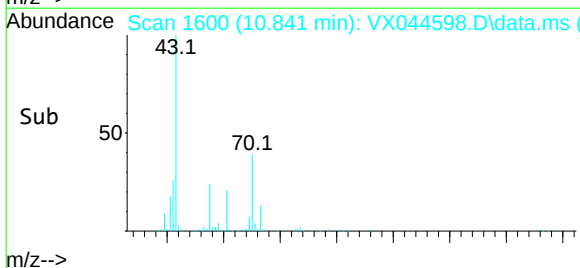
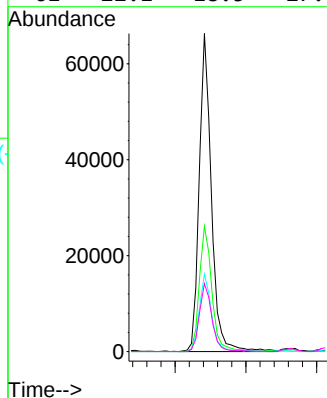
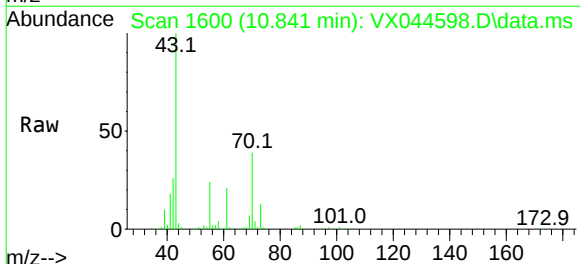
Ion Ratio Lower Upper

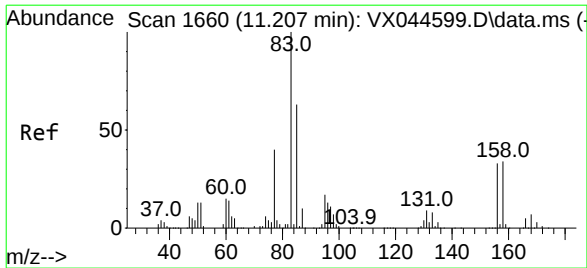
43 100

70 40.5 32.9 49.3

55 24.7 19.0 28.6

61 22.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.550 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

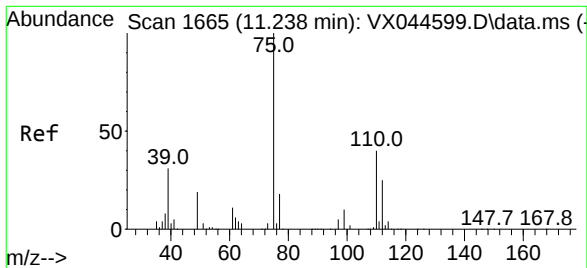
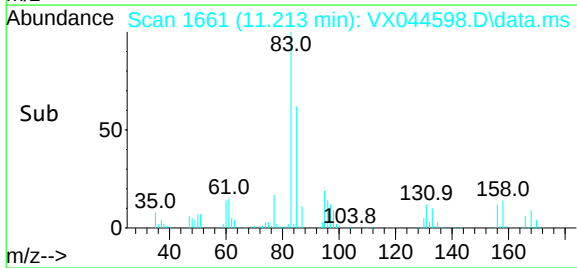
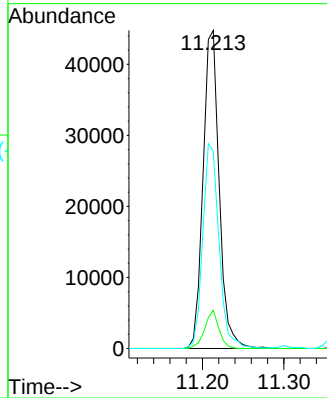
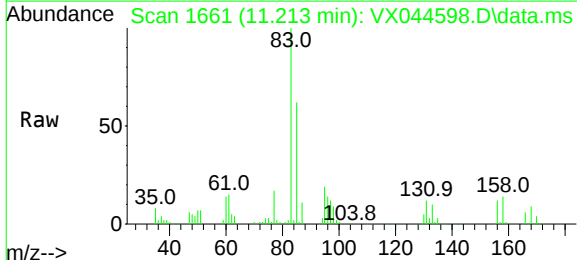
Tgt Ion:	83	Resp:	61645
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	15.0
85	65.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#76

1,2,3-Trichloropropane

Concen: 20.703 ug/l m

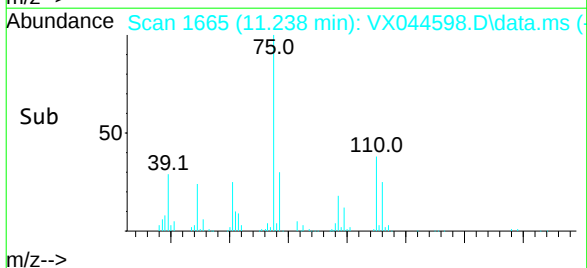
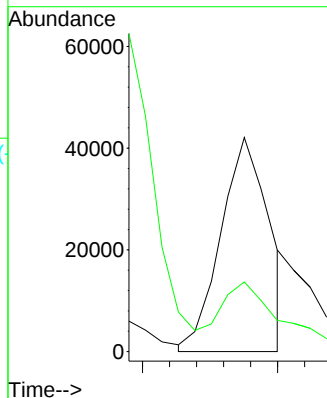
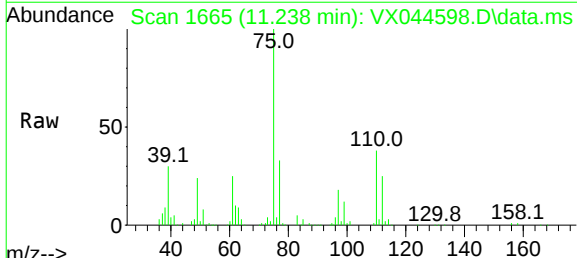
RT: 11.238 min Scan# 1665

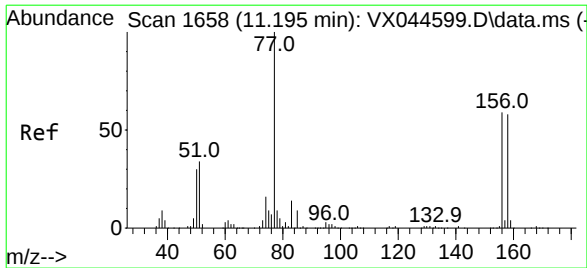
Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	75	Resp:	52133
Ion	Ratio	Lower	Upper
75	100		
77	42.2	21.1	63.1





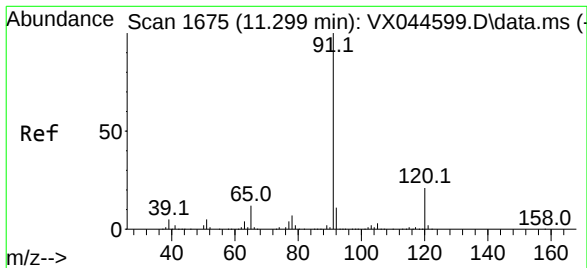
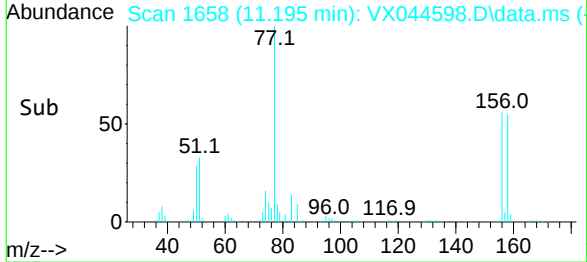
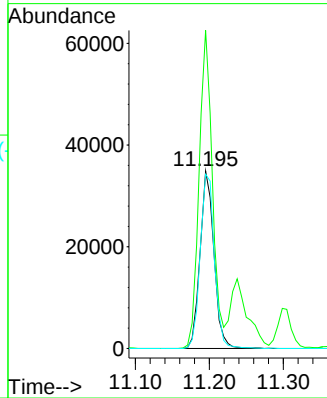
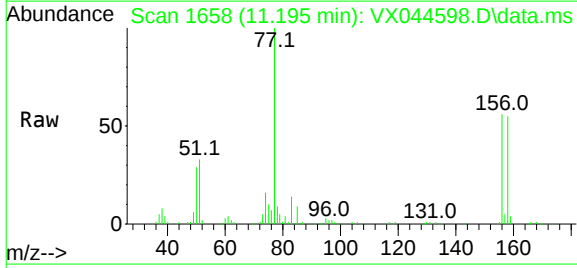
#77
Bromobenzene
Concen: 20.215 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 45702
Ion Ratio Lower Upper
156 100
77 171.0 85.7 257.1
158 100.2 49.9 149.6

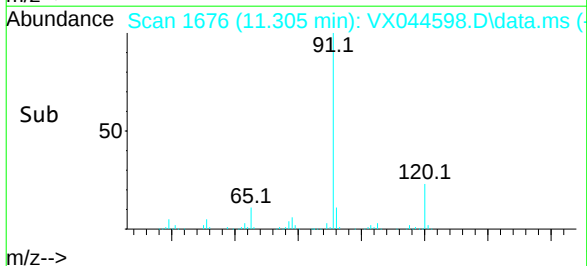
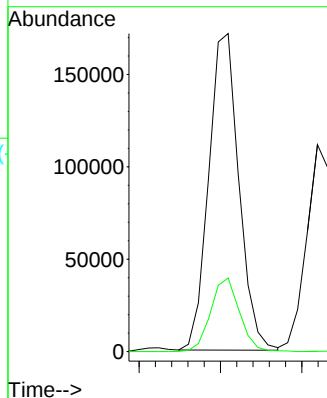
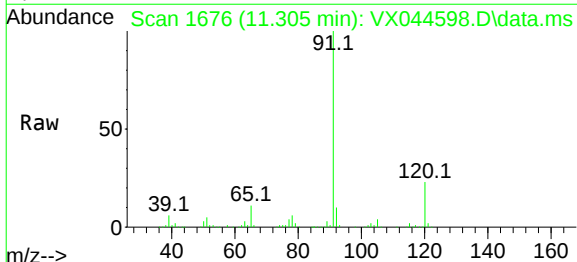
Manual Integrations
APPROVED

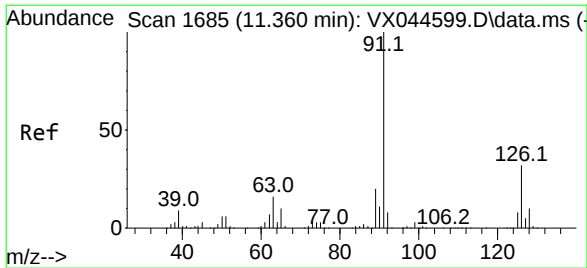
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
n-propylbenzene
Concen: 21.078 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 91 Resp: 220954
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





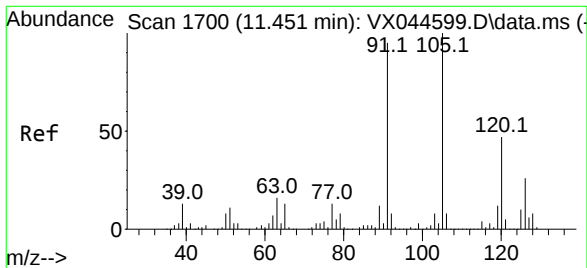
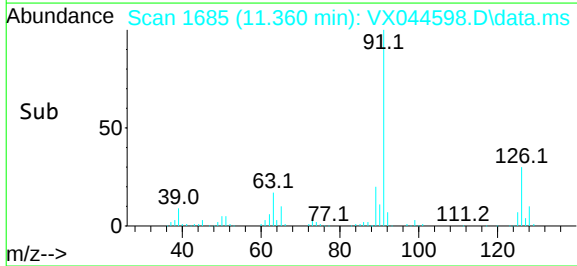
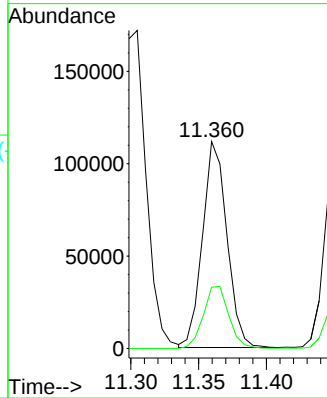
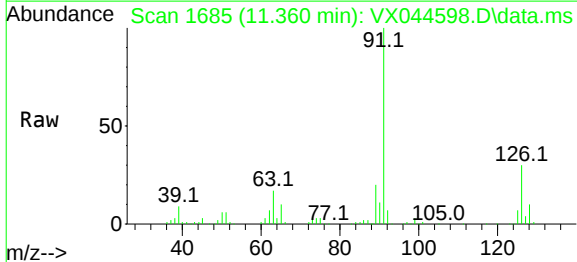
#79
2-Chlorotoluene
Concen: 20.541 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 139531
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.2

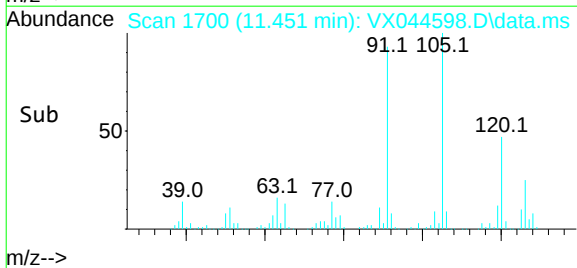
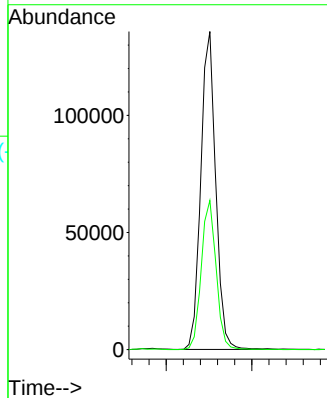
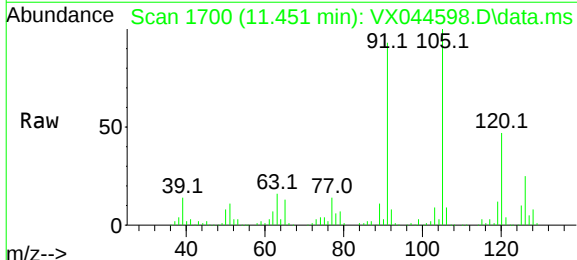
Manual Integrations
APPROVED

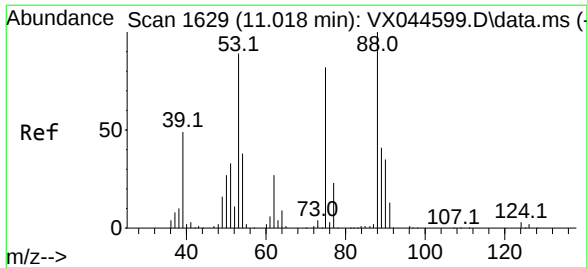
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.290 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:105 Resp: 164285
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.5





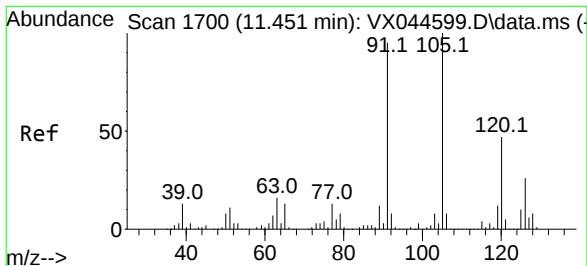
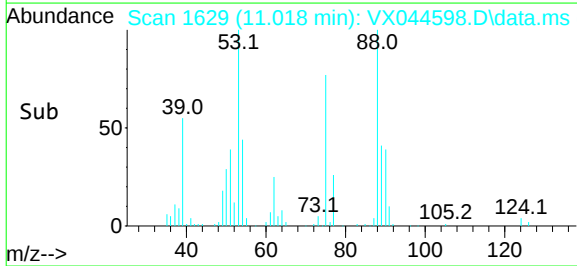
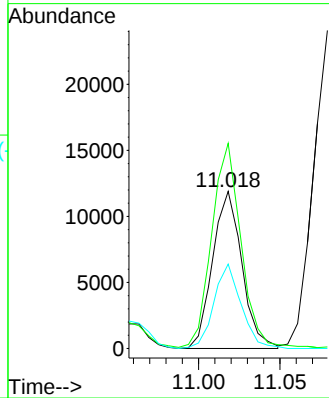
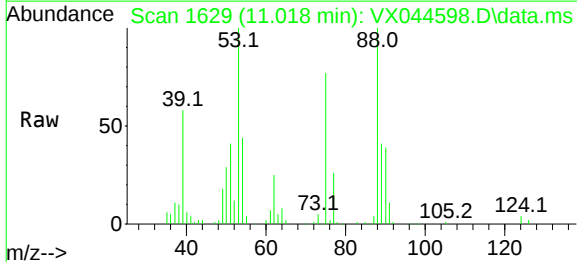
#81
trans-1,4-Dichloro-2-butene
Concen: 18.014 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument : MSVOA_X
ClientSampleId : VSTDIC020

Tgt Ion: 75 Resp: 14902
Ion Ratio Lower Upper
75 100
53 131.7 92.7 139.1
89 49.9 38.3 57.5

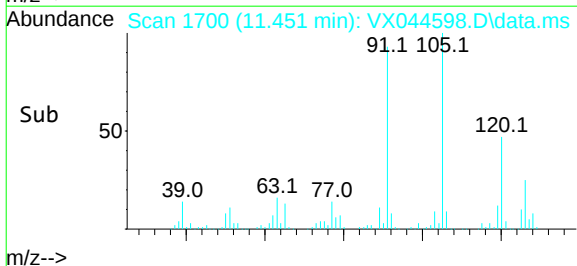
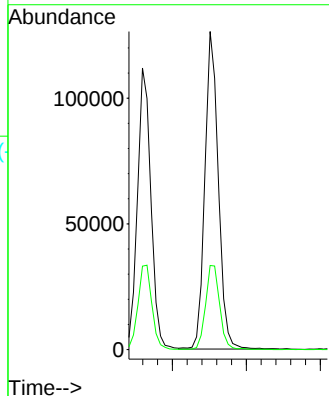
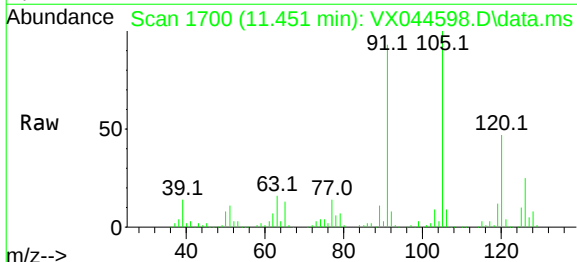
Manual Integrations
APPROVED

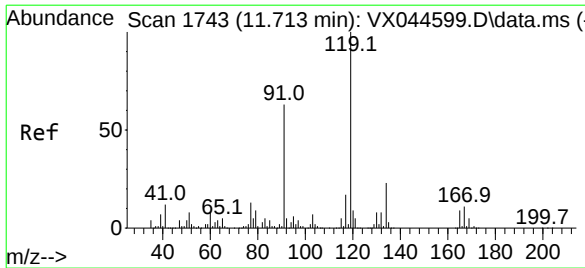
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
4-Chlorotoluene
Concen: 20.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 91 Resp: 159459
Ion Ratio Lower Upper
91 100
126 27.5 14.0 42.0





#83

tert-Butylbenzene

Concen: 20.301 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

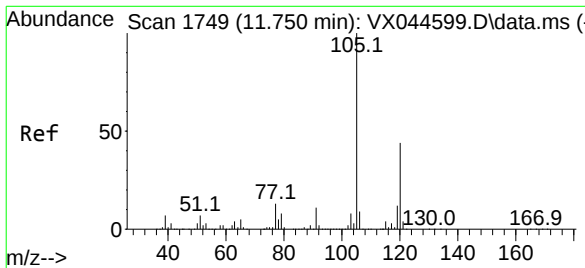
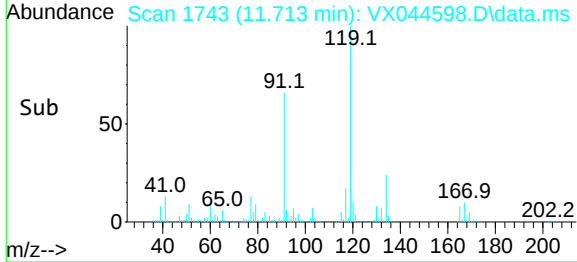
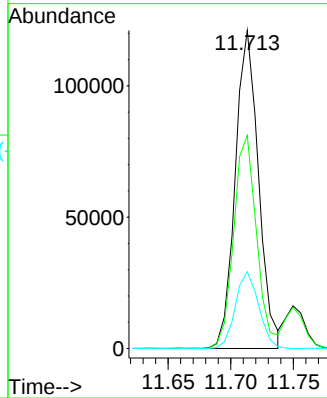
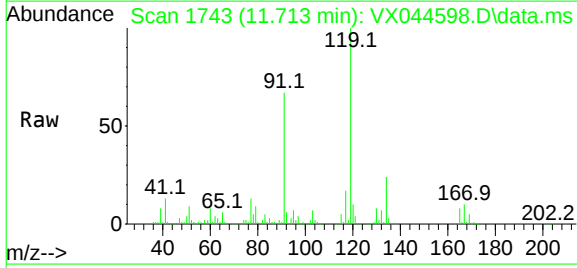
ClientSampleId :

VSTDICC020

Tgt Ion:	119	Resp:	155984
Ion Ratio	Lower	Upper	
119	100		
91	66.2	30.9	92.8
134	24.2	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: 21.745 ug/l

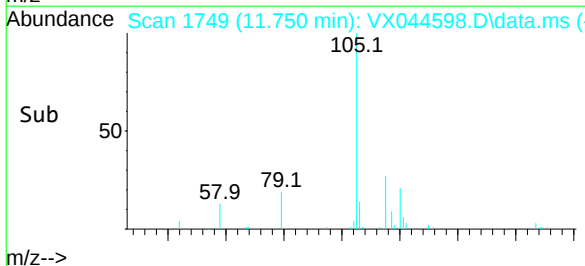
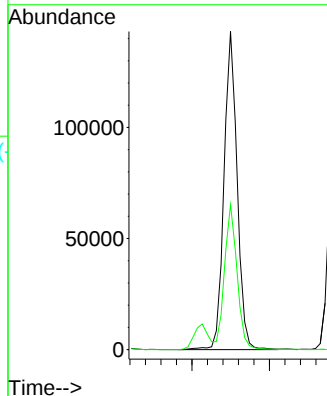
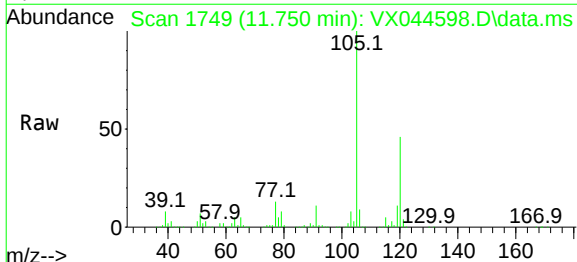
RT: 11.750 min Scan# 1749

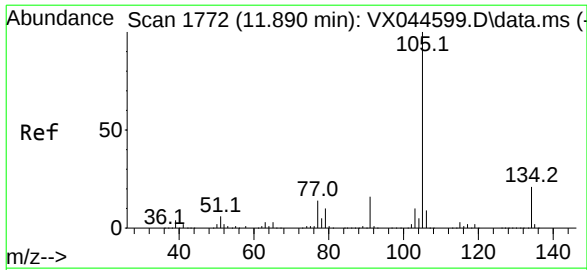
Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	105	Resp:	168552
Ion Ratio	Lower	Upper	
105	100		
120	43.7	21.9	65.7





#85

sec-Butylbenzene

Concen: 21.010 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 196607

Ion Ratio Lower Upper

105 100

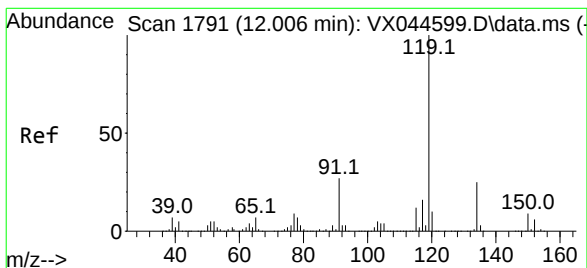
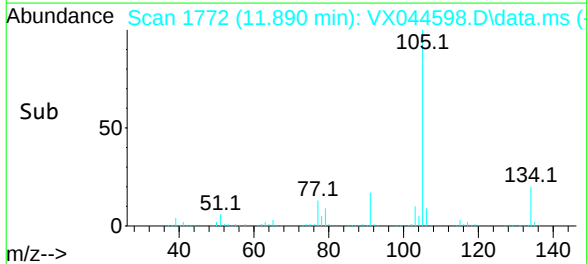
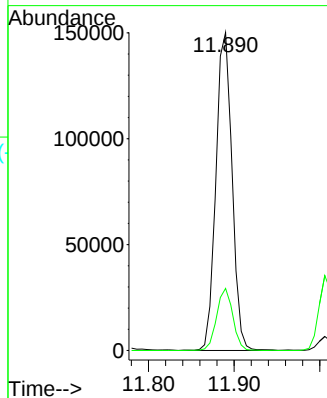
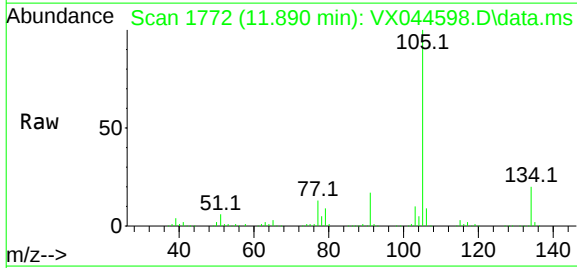
134 19.6 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#86

p-Isopropyltoluene

Concen: 20.932 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

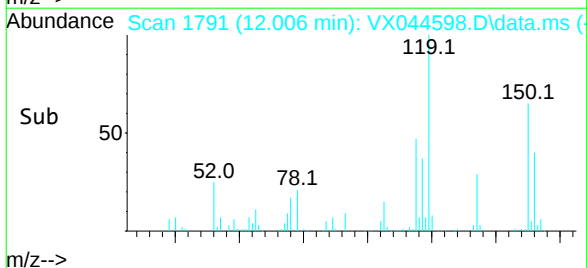
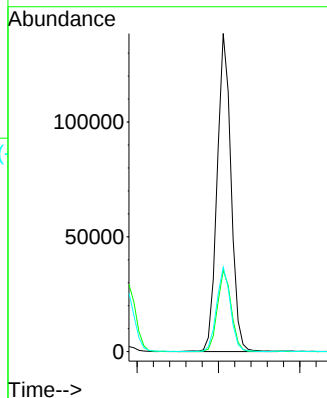
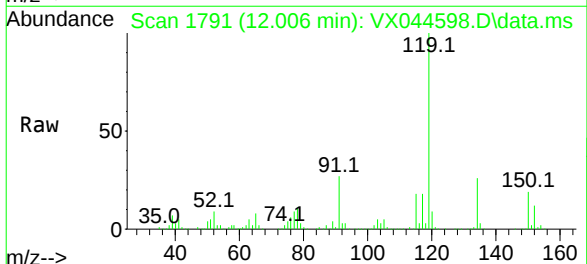
Tgt Ion:119 Resp: 164348

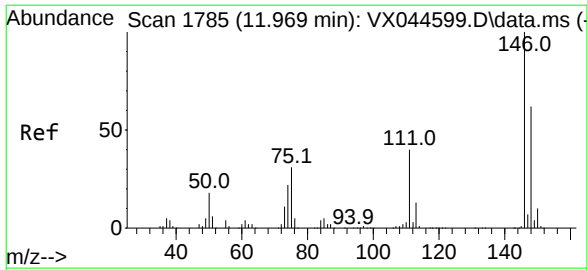
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 26.3 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 20.681 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 84583

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

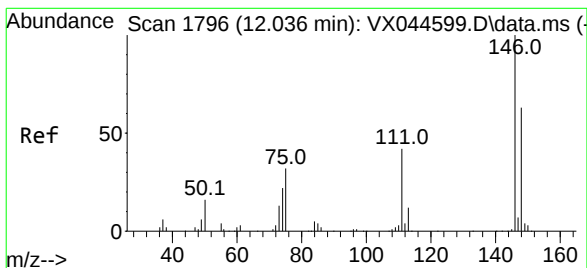
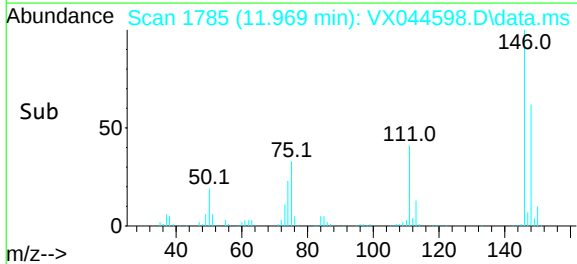
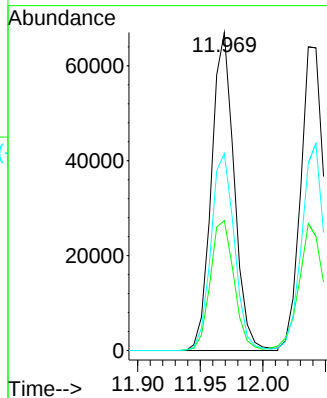
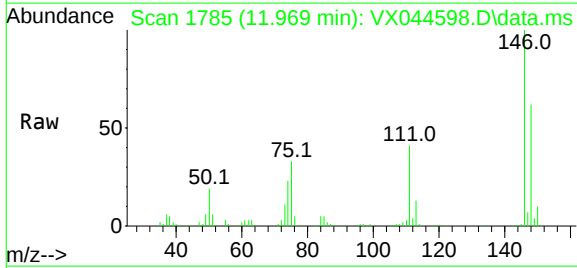
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#88

1,4-Dichlorobenzene

Concen: 19.638 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

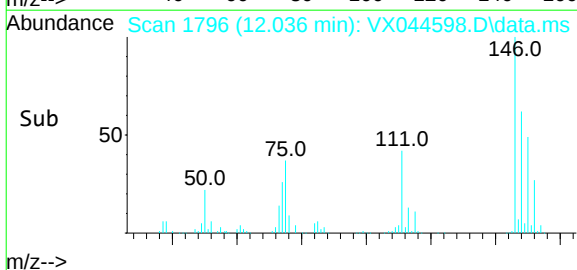
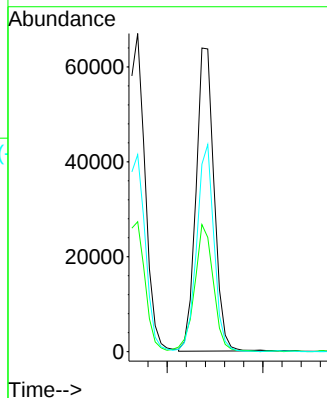
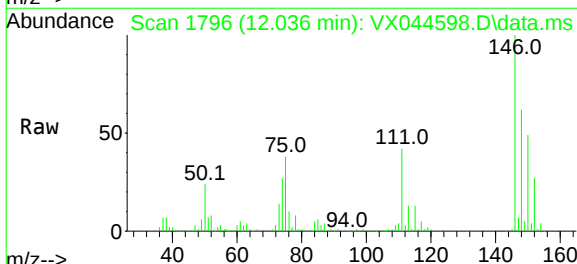
Tgt Ion:146 Resp: 83680

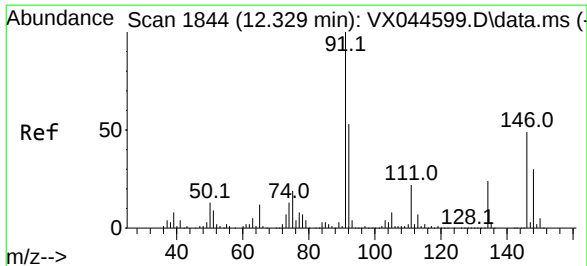
Ion Ratio Lower Upper

146 100

111 43.7 20.7 62.1

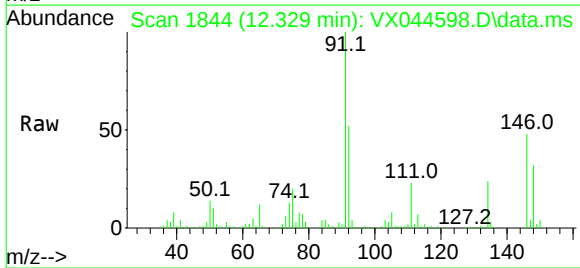
148 65.4 31.8 95.4





#89
n-Butylbenzene
Concen: 20.864 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

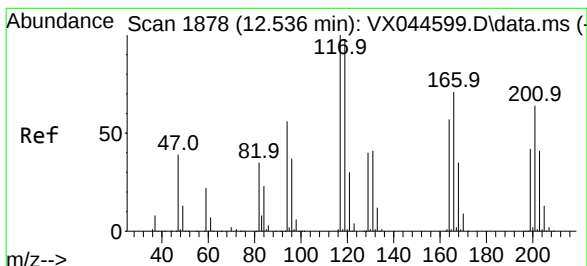
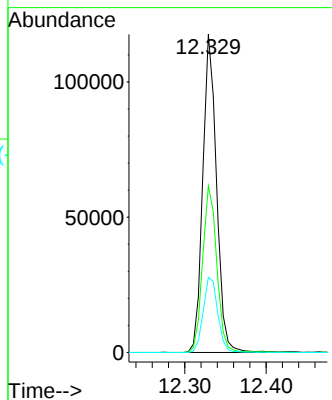
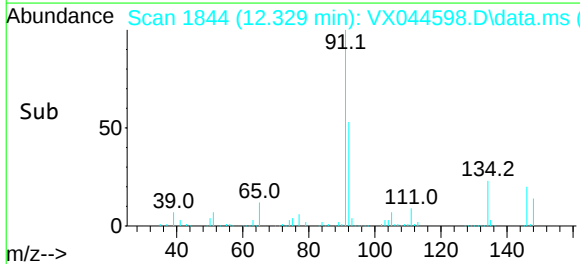
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 138336
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.4
134 25.0 12.4 37.2

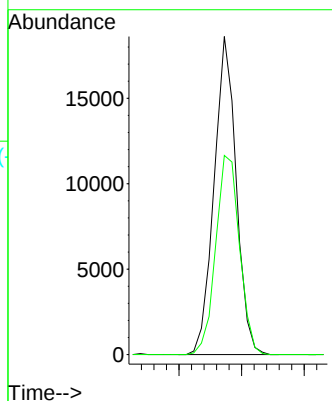
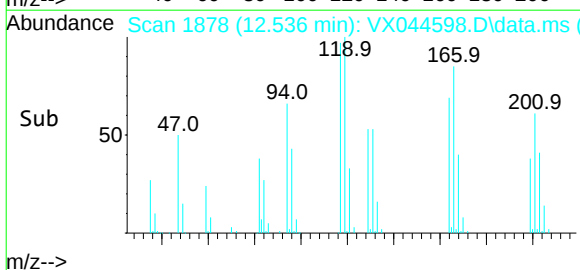
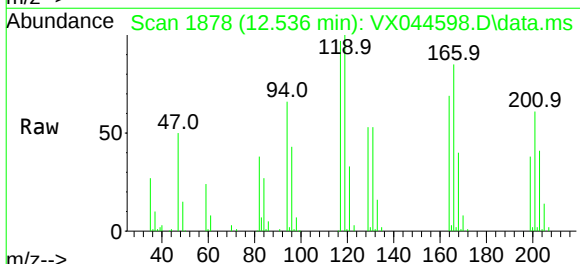
Manual Integrations
APPROVED

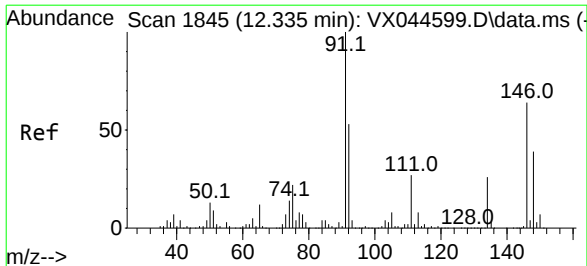
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#90
Hexachloroethane
Concen: 18.096 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

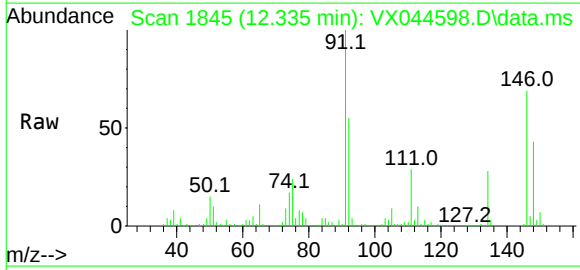
Tgt Ion:117 Resp: 22825
Ion Ratio Lower Upper
117 100
201 67.5 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 20.296 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

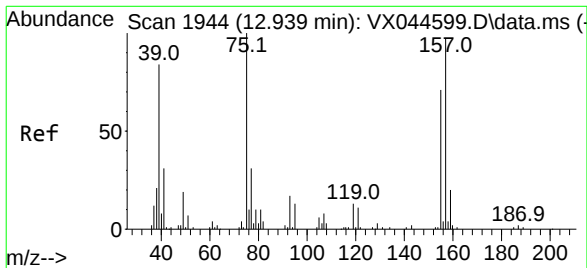
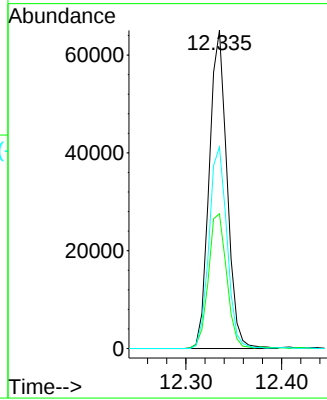
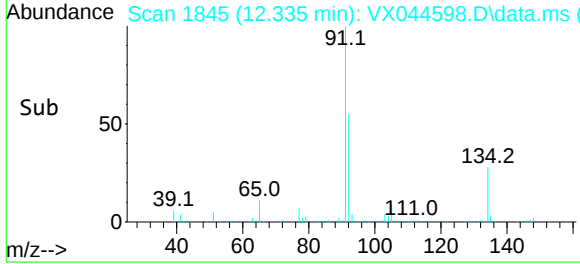
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



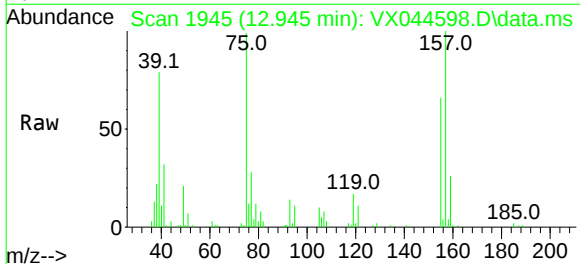
Tgt Ion: 146 Resp: 83880
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 63.9 31.1 93.3

Manual Integrations
APPROVED

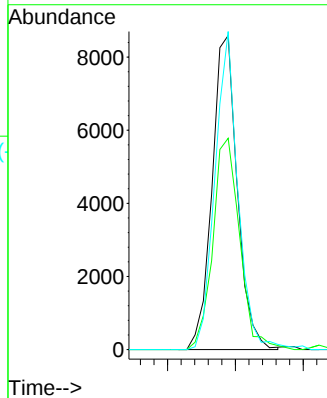
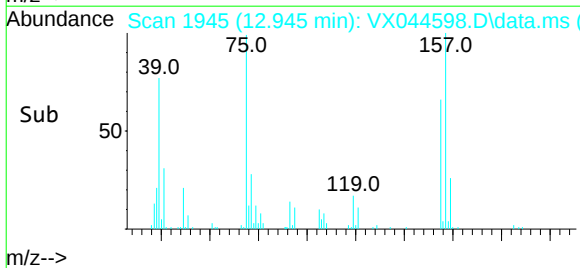
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

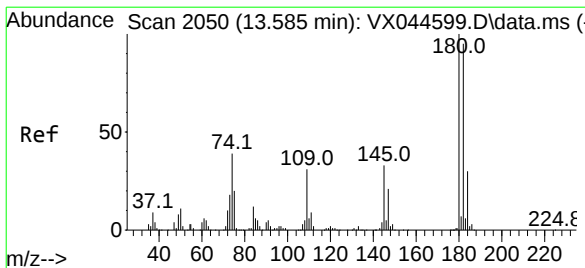


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.520 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51



Tgt Ion: 75 Resp: 11101
Ion Ratio Lower Upper
75 100
155 71.2 37.4 112.1
157 92.6 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 19.494 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

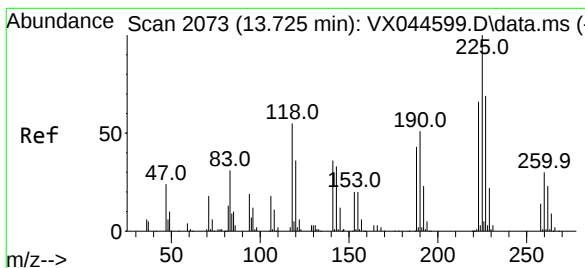
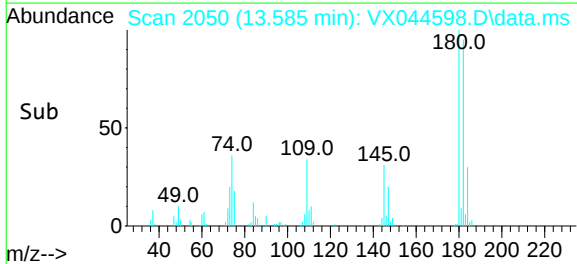
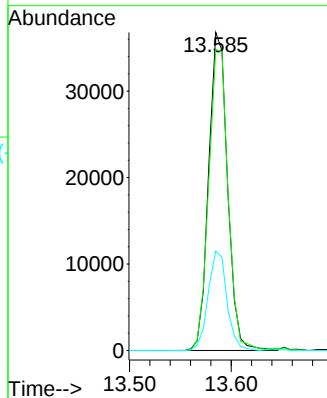
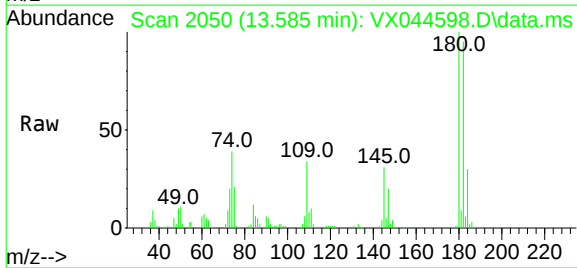
Tgt Ion:	180	Resp:	47350
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.9	143.6
145	31.1	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#94

Hexachlorobutadiene

Concen: 19.419 ug/l

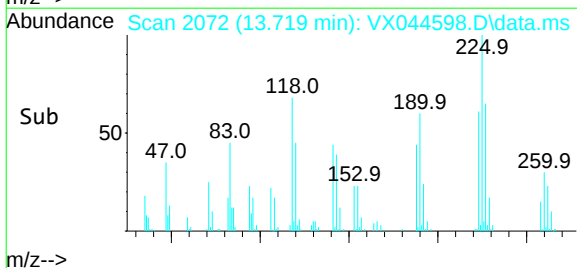
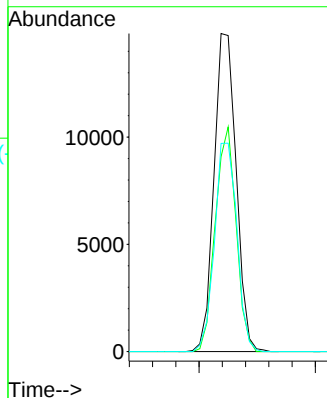
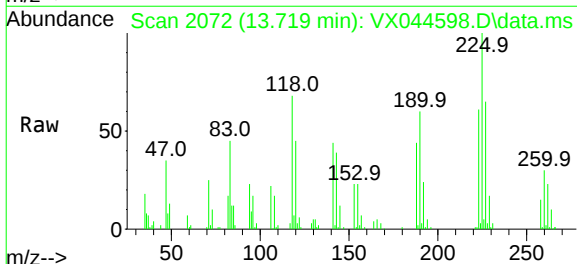
RT: 13.719 min Scan# 2072

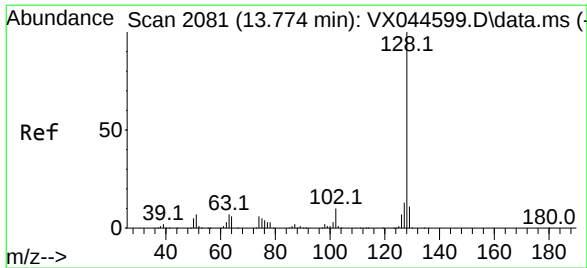
Delta R.T. -0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	225	Resp:	19641
Ion Ratio	Lower	Upper	
225	100		
223	66.1	31.6	94.8
227	66.2	31.9	95.9





#95

Naphthalene

Concen: 20.691 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

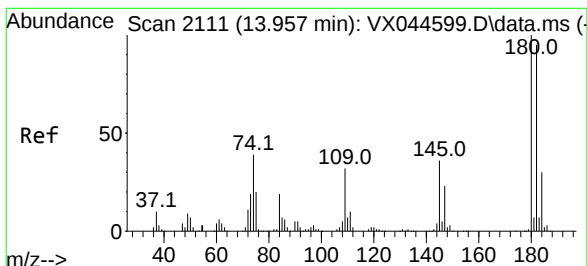
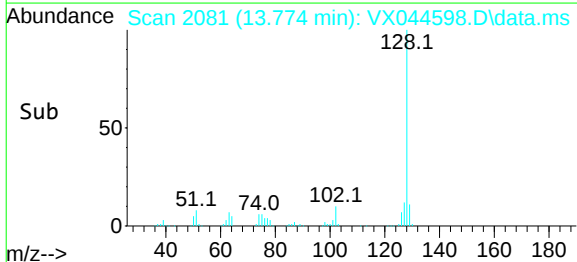
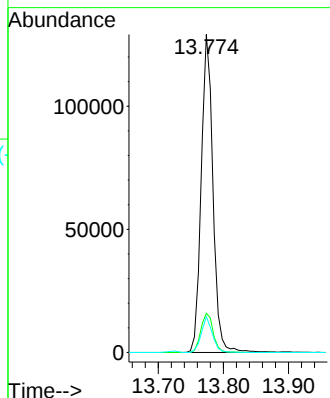
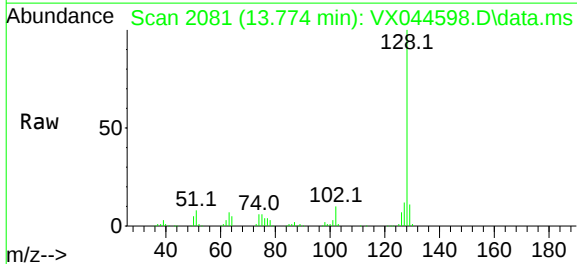
Tgt Ion:	128	Resp:	162161
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.082 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:	180	Resp:	49865
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	35.6	17.6	52.9

