

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044613.D
 Acq On : 07 Jan 2025 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 05:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	253685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151564	55.942	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.880%
35) Dibromofluoromethane	5.379	113	105618	52.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	8.647	98	360090	51.967	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.940%
62) 4-Bromofluorobenzene	11.079	95	128195	52.415	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	134539	55.337	ug/l	98
3) Chloromethane	1.295	50	128841	53.178	ug/l	96
4) Vinyl Chloride	1.374	62	123309	54.253	ug/l	99
5) Bromomethane	1.593	94	62546	53.125	ug/l	98
6) Chloroethane	1.666	64	64752	49.799	ug/l	94
7) Trichlorofluoromethane	1.874	101	185599	54.842	ug/l	98
8) Diethyl Ether	2.136	74	67148	56.153	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	100212	51.646	ug/l	99
10) Methyl Iodide	2.447	142	140962	52.097	ug/l	99
11) Tert butyl alcohol	2.995	59	98297	294.641	ug/l	97
12) 1,1-Dichloroethene	2.313	96	95617	50.866	ug/l	96
13) Acrolein	2.233	56	134997	306.047	ug/l	100
14) Allyl chloride	2.660	41	170117	54.415	ug/l	98
15) Acrylonitrile	3.063	53	269181	280.157	ug/l	99
16) Acetone	2.380	43	246540	288.715	ug/l	100
17) Carbon Disulfide	2.502	76	208698	53.692	ug/l	98
18) Methyl Acetate	2.703	43	140271	55.654	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	353121	54.815	ug/l	99
20) Methylene Chloride	2.782	84	113109	51.920	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	97667	50.624	ug/l	97
22) Diisopropyl ether	3.757	45	354623	55.179	ug/l	99
23) Vinyl Acetate	3.715	43	1535167	295.397	ug/l	100
24) 1,1-Dichloroethane	3.605	63	199407	53.250	ug/l	99
25) 2-Butanone	4.556	43	370671	300.736	ug/l	96
26) 2,2-Dichloropropane	4.471	77	166708	51.490	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	124483	52.916	ug/l	100
28) Bromochloromethane	4.891	49	87592	50.249	ug/l	97
29) Tetrahydrofuran	5.001	42	241460	286.076	ug/l	99
30) Chloroform	5.087	83	212184	52.559	ug/l	99
31) Cyclohexane	5.458	56	159553	51.894	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	185991	54.744	ug/l	99
36) 1,1-Dichloropropene	5.684	75	136474	52.027	ug/l	99
37) Ethyl Acetate	4.709	43	153095	57.053	ug/l	99
38) Carbon Tetrachloride	5.672	117	150161	51.595	ug/l	97
39) Methylcyclohexane	7.373	83	166246	49.669	ug/l	98
40) Benzene	6.031	78	419445	50.785	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	87090	60.464	ug/l	95
42) 1,2-Dichloroethane	6.080	62	178223	55.178	ug/l	100
43) Isopropyl Acetate	6.336	43	248008	56.022	ug/l	99
44) Trichloroethene	7.123	130	101890	48.261	ug/l	95
45) 1,2-Dichloropropane	7.421	63	104468	51.880	ug/l	96
46) Dibromomethane	7.574	93	81733	52.190	ug/l	98
47) Bromodichloromethane	7.818	83	156733	54.997	ug/l	98
48) Methyl methacrylate	7.696	41	124321	58.879	ug/l	97
49) 1,4-Dioxane	7.665	88	38760	1249.198	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	756374	292.284	ug/l	100
52) Toluene	8.714	92	257402	51.653	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	151224	55.515	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	164267	53.656	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	103095	52.771	ug/l	98
56) Ethyl methacrylate	9.116	69	163278	57.469	ug/l	98
57) 1,3-Dichloropropane	9.305	76	175128	53.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	391895	278.235	ug/l	100
59) 2-Hexanone	9.427	43	553155	302.247	ug/l	99
60) Dibromochloromethane	9.519	129	107971	55.427	ug/l	99
61) 1,2-Dibromoethane	9.604	107	105825	53.635	ug/l	97
64) Tetrachloroethene	9.269	164	85353	47.587	ug/l	96
65) Chlorobenzene	10.073	112	275873	51.238	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	95543	53.429	ug/l	99
67) Ethyl Benzene	10.189	91	494122	53.443	ug/l	100
68) m/p-Xylenes	10.299	106	365584	107.604	ug/l	99
69) o-Xylene	10.640	106	179313	52.289	ug/l	99
70) Styrene	10.653	104	300652	54.813	ug/l	100
71) Bromoform	10.799	173	65460	52.026	ug/l #	96
73) Isopropylbenzene	10.957	105	463455	52.618	ug/l	99
74) N-amyl acetate	10.842	43	212270	59.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	151715	53.439	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	128289m	53.831	ug/l	
77) Bromobenzene	11.195	156	111248	51.994	ug/l	98
78) n-propylbenzene	11.305	91	527200	53.141	ug/l	100
79) 2-Chlorotoluene	11.360	91	327328	50.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	389590	53.347	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43198	55.176	ug/l	98
82) 4-Chlorotoluene	11.451	91	376292	52.030	ug/l	99
83) tert-Butylbenzene	11.713	119	385674	53.037	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	392732	53.535	ug/l	98
85) sec-Butylbenzene	11.890	105	462731	52.250	ug/l	100
86) p-Isopropyltoluene	12.006	119	394724	53.119	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	196937	50.880	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	196398	48.700	ug/l	99
89) n-Butylbenzene	12.329	91	336155	53.573	ug/l	99
90) Hexachloroethane	12.536	117	60971	51.076	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	201962	51.635	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32131	59.698	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	129812	56.469	ug/l	99
94) Hexachlorobutadiene	13.725	225	50956	53.233	ug/l	97
95) Naphthalene	13.774	128	450708	60.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	135540	57.677	ug/l	98

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

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

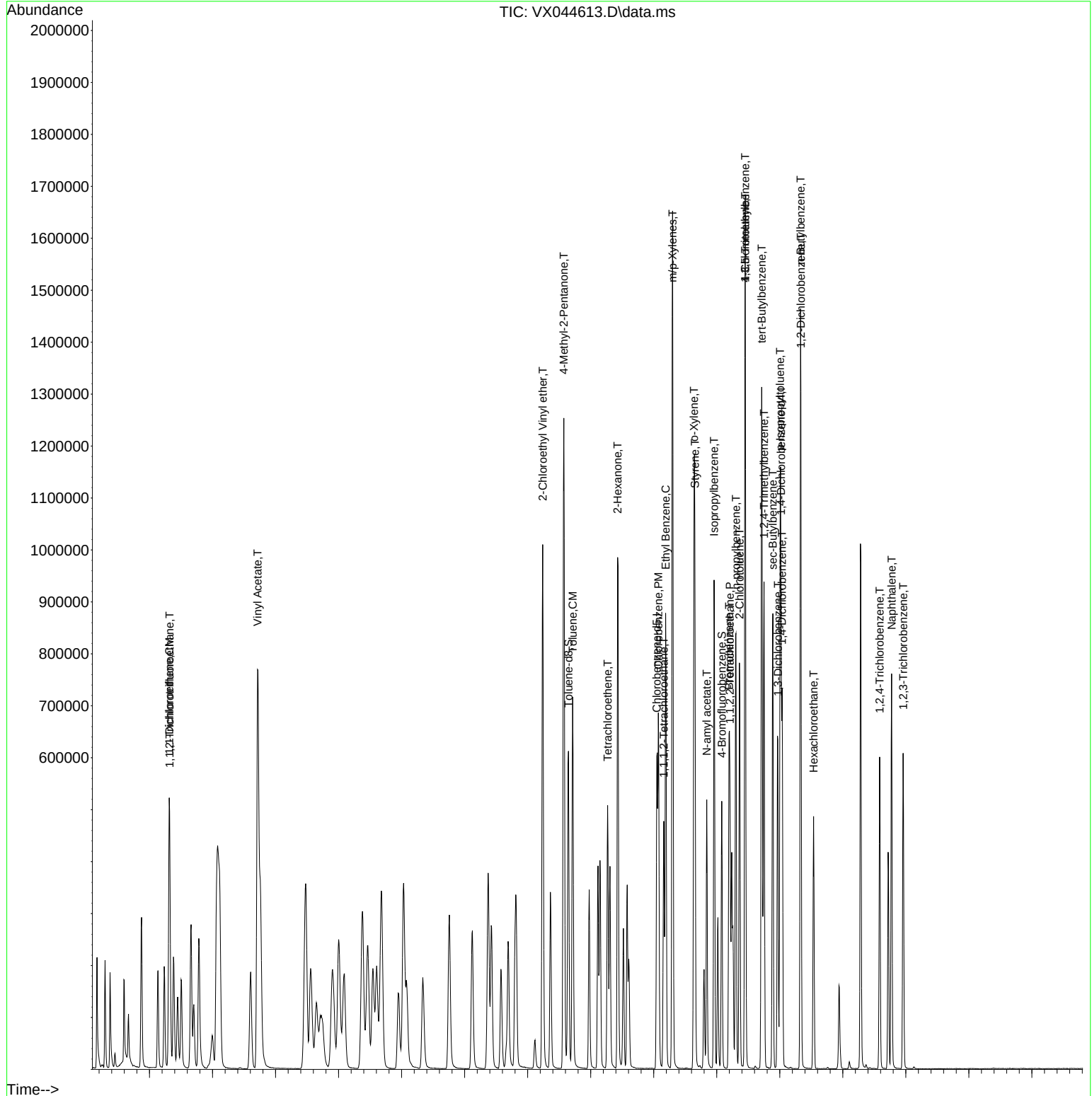
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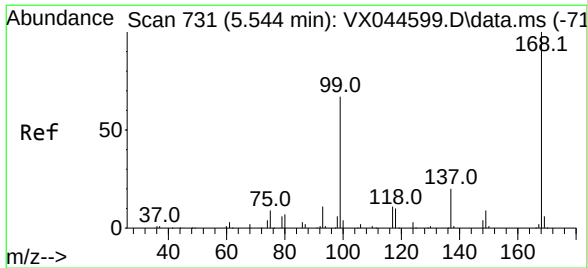
Instrument :
MSVOA_X
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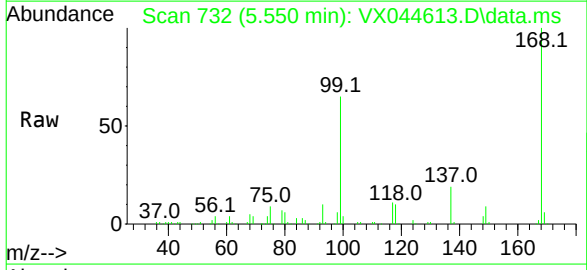
Reviewed By :John Carlone 01/08/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044613.D
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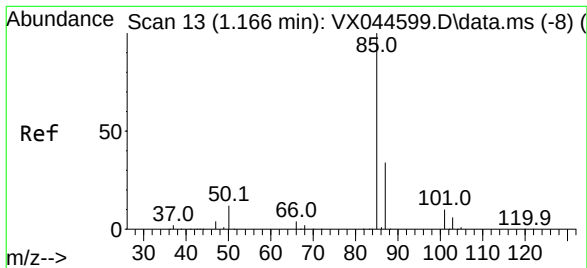
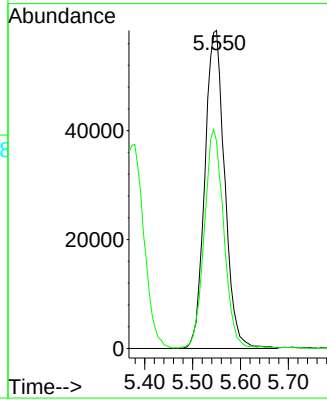
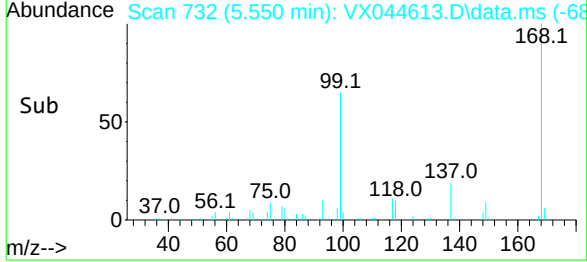
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 168032
Ion Ratio Lower Upper
168 100
99 65.0 53.5 80.3

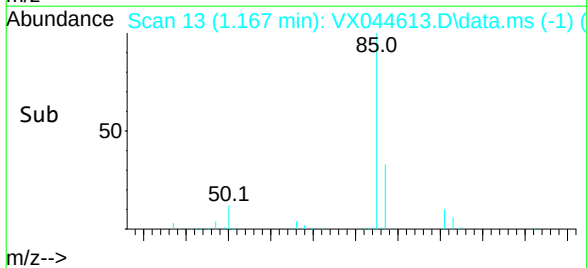
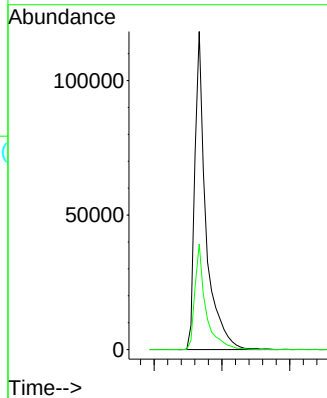
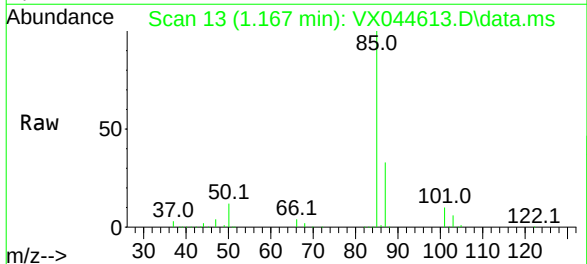
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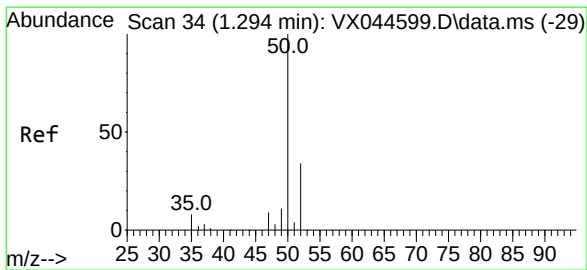
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025



#2
Dichlorodifluoromethane
Concen: 55.337 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 85 Resp: 134539
Ion Ratio Lower Upper
85 100
87 33.2 17.2 51.5





#3

Chloromethane

Concen: 53.178 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 128841

Ion Ratio Lower Upper

50 100

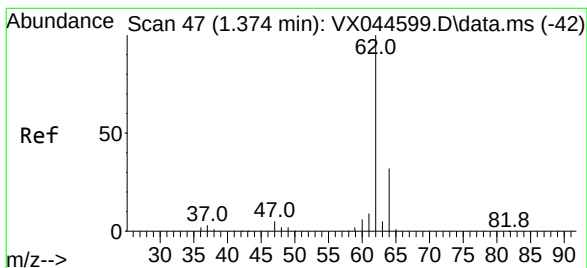
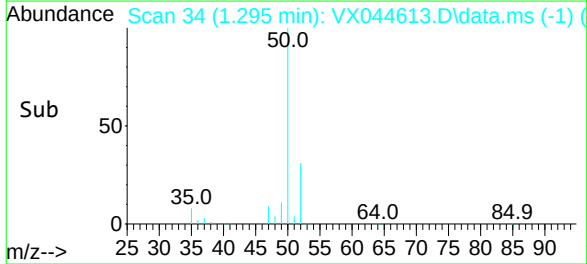
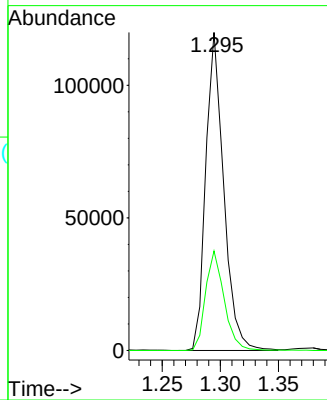
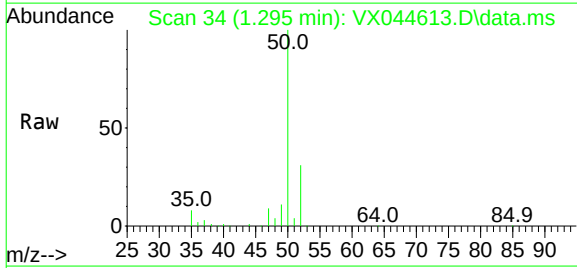
52 31.3 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.253 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044613.D

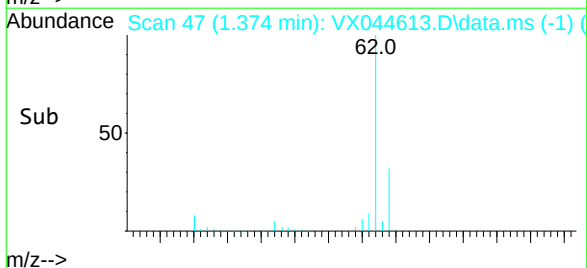
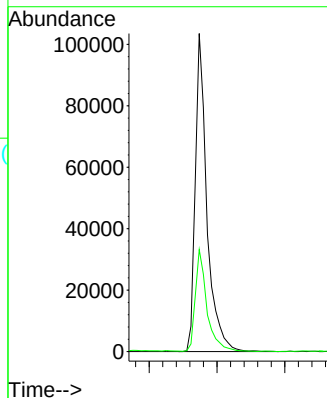
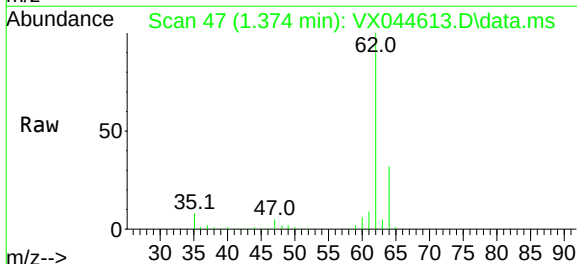
Acq: 07 Jan 2025 19:37

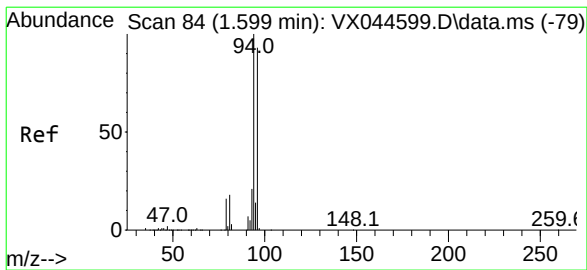
Tgt Ion: 62 Resp: 123309

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 53.125 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 62546

Ion Ratio Lower Upper

94 100

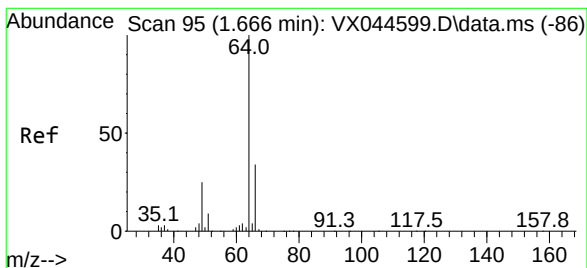
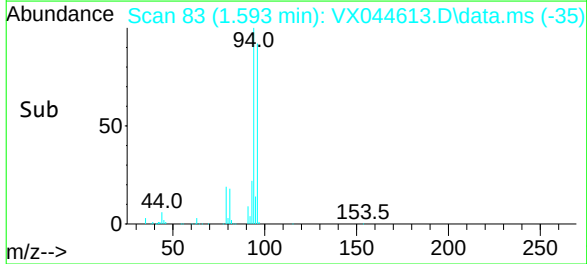
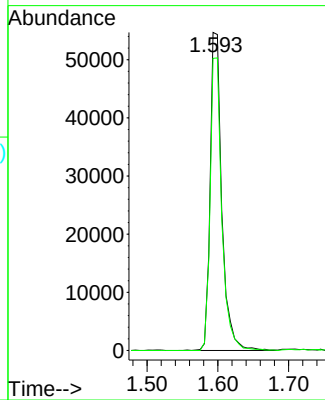
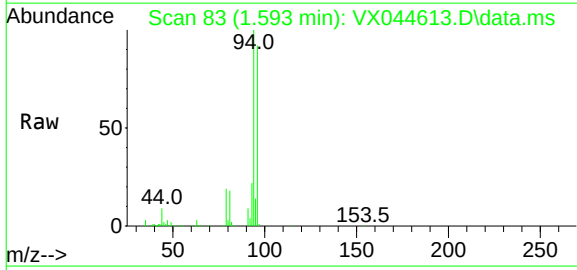
96 91.9 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 49.799 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044613.D

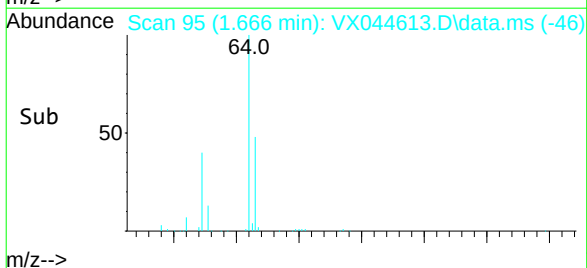
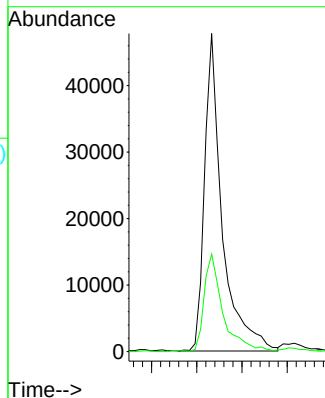
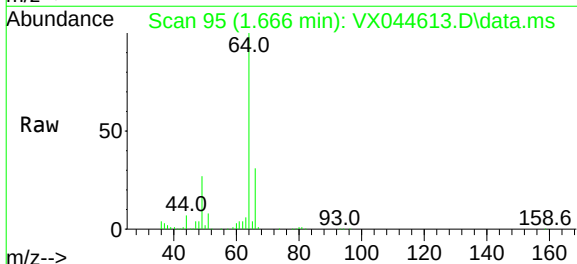
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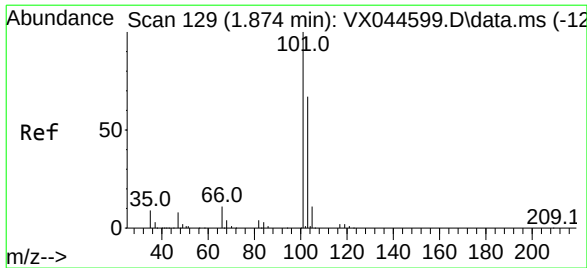
Tgt Ion: 64 Resp: 64752

Ion Ratio Lower Upper

64 100

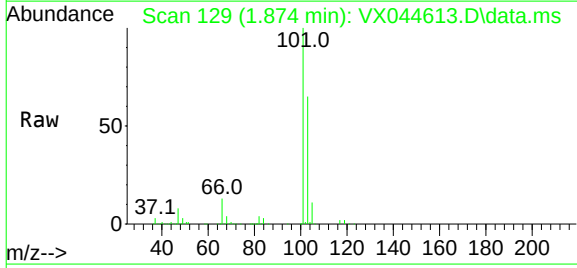
66 30.5 27.3 40.9





#7
 Trichlorofluoromethane
 Concen: 54.842 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: VX044613.D
 Acq: 07 Jan 2025 19:37

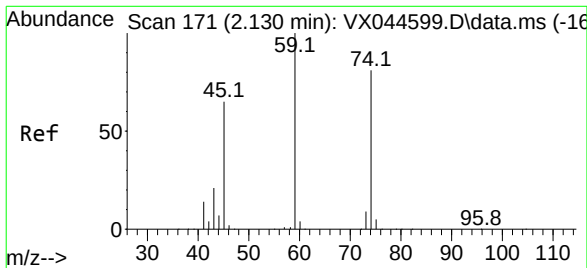
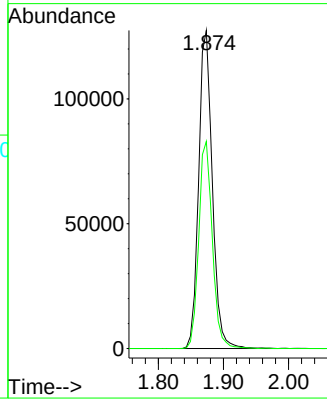
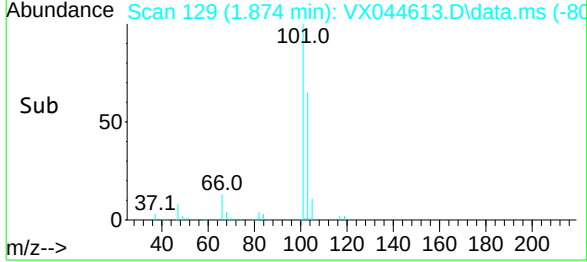
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 185599
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.3 79.9

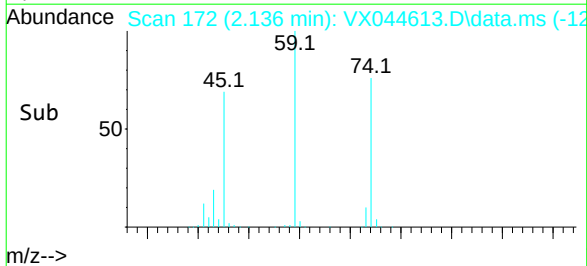
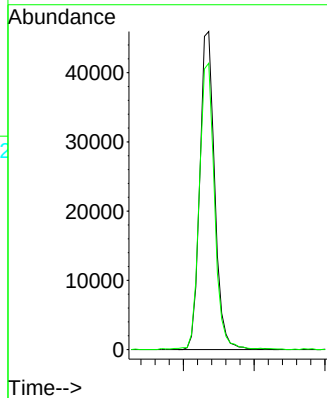
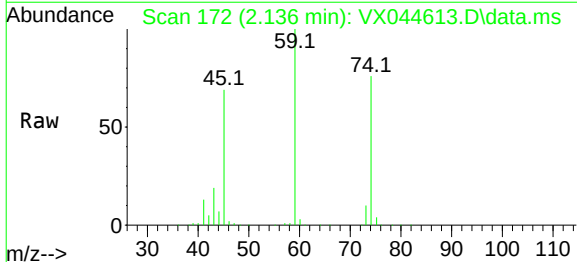
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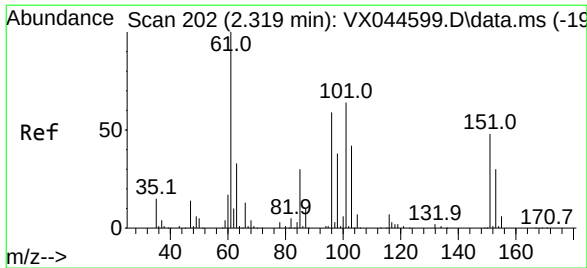
Reviewed By :John Carlone 01/08/2025
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#8
 Diethyl Ether
 Concen: 56.153 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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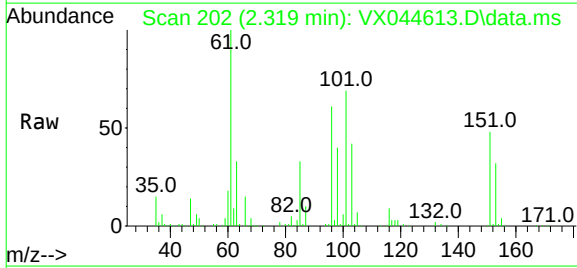
Tgt Ion: 74 Resp: 67148
 Ion Ratio Lower Upper
 74 100
 45 92.4 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.646 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

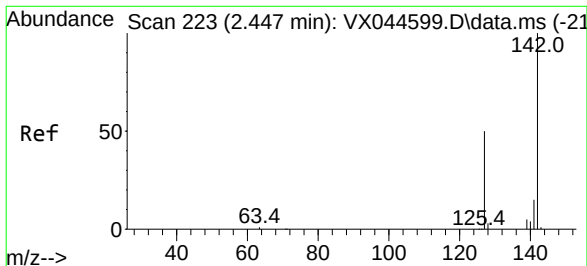
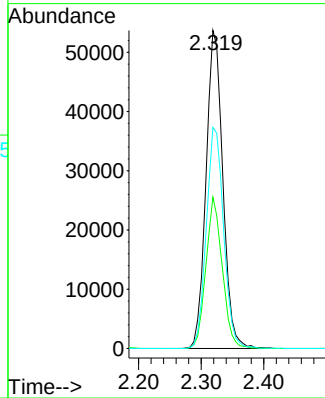
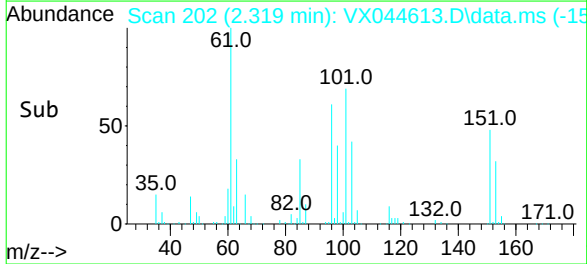
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 100212
Ion Ratio Lower Upper
101 100
85 46.2 36.5 54.7
151 71.7 58.6 87.8

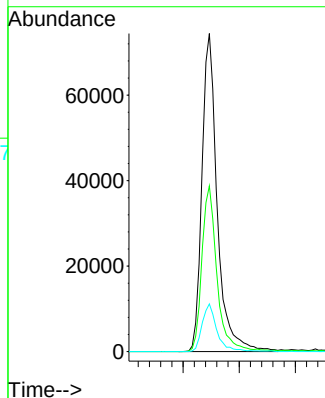
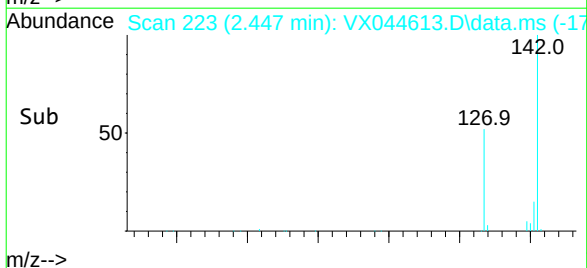
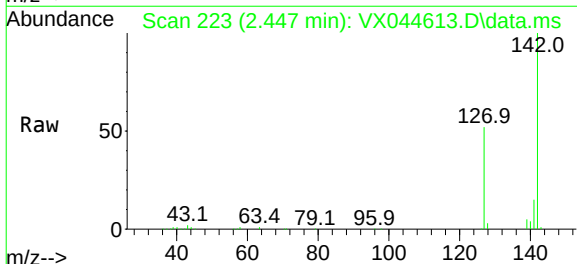
Manual Integrations
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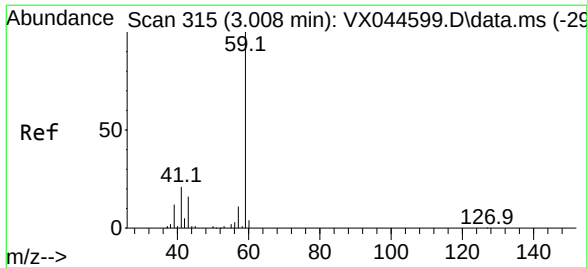
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#10
Methyl Iodide
Concen: 52.097 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:142 Resp: 140962
Ion Ratio Lower Upper
142 100
127 51.5 41.9 62.9
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 294.641 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 98297

Ion Ratio Lower Upper

59 100

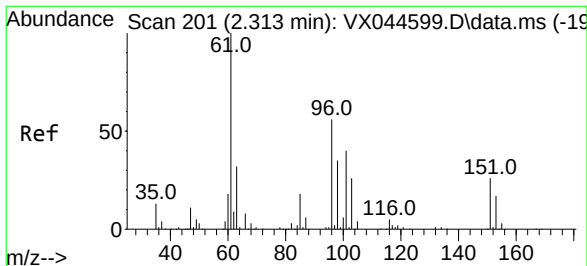
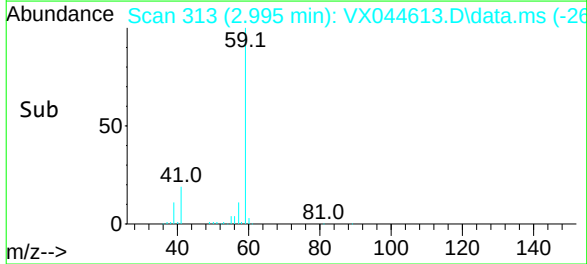
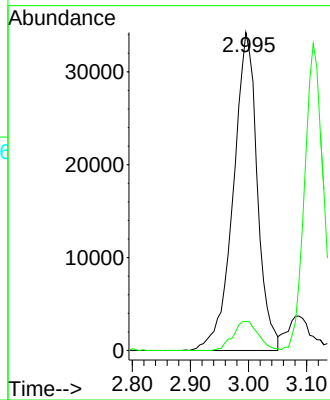
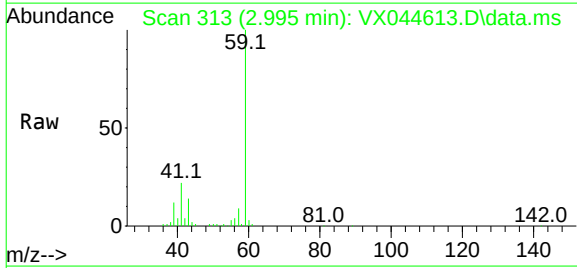
57 9.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#12

1,1-Dichloroethene

Concen: 50.866 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

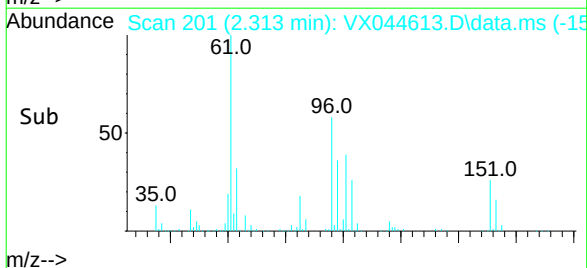
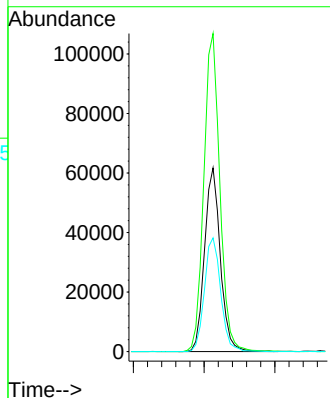
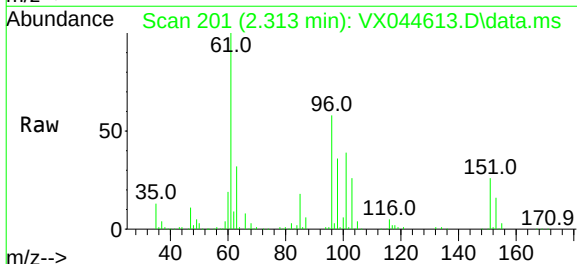
Tgt Ion: 96 Resp: 95617

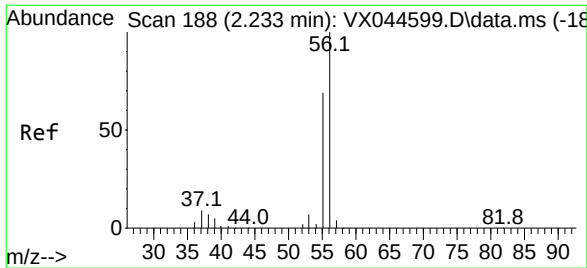
Ion Ratio Lower Upper

96 100

61 173.1 143.3 214.9

98 61.9 50.6 76.0





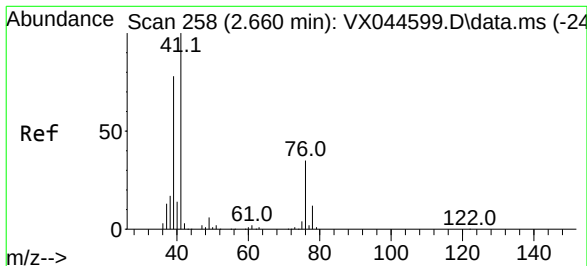
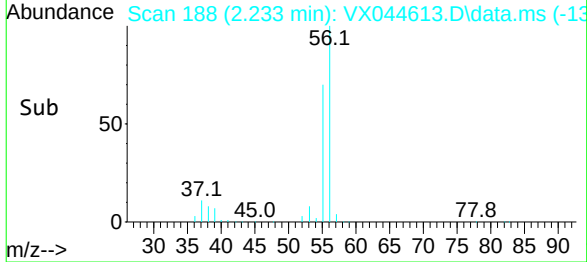
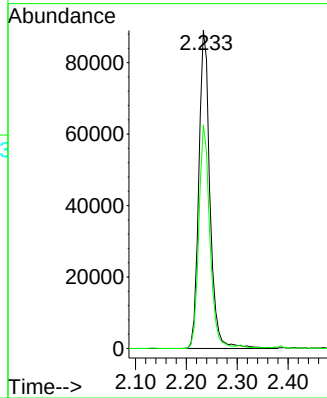
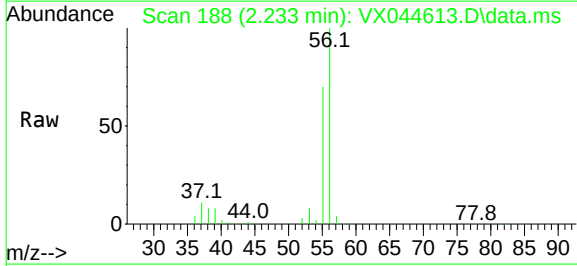
#13
Acrolein
Concen: 306.047 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 134997
Ion Ratio Lower Upper
56 100
55 69.6 55.8 83.8

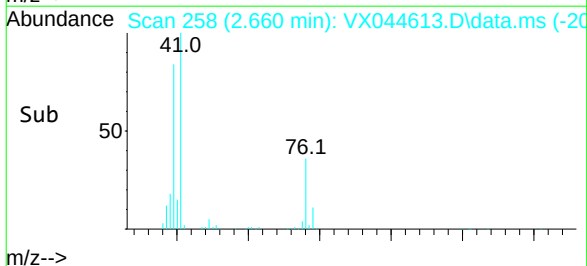
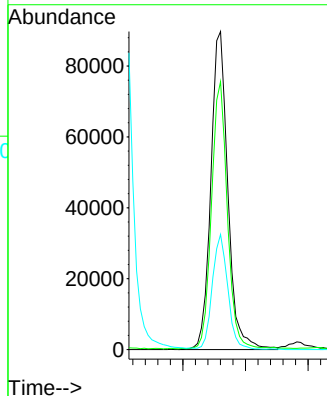
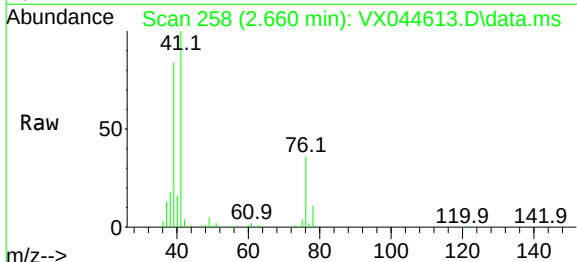
Manual Integrations
APPROVED

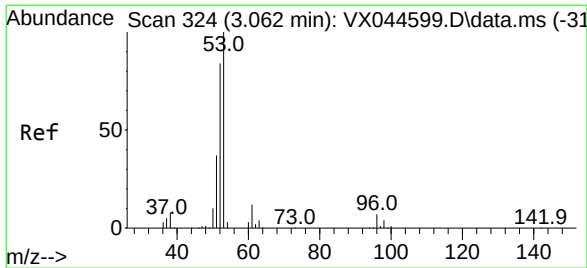
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#14
Allyl chloride
Concen: 54.415 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 41 Resp: 170117
Ion Ratio Lower Upper
41 100
39 78.2 60.2 90.2
76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 280.157 ug/l

RT: 3.063 min Scan# 32

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

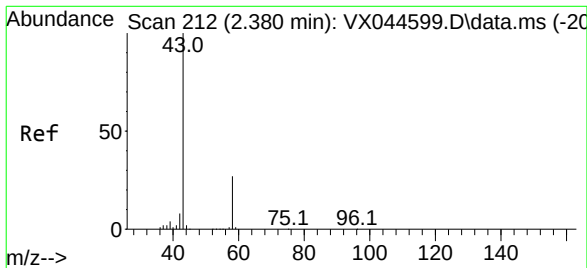
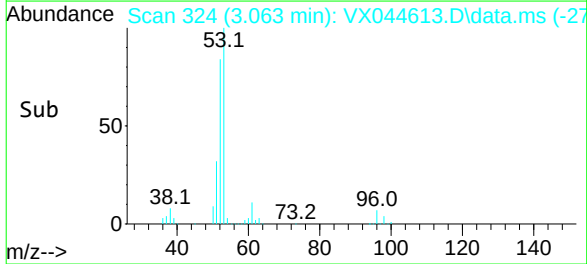
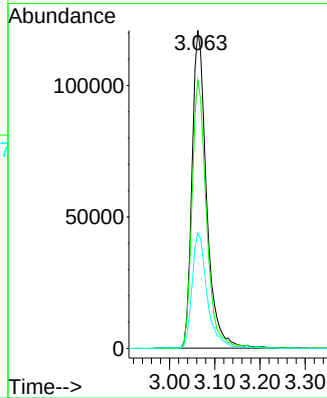
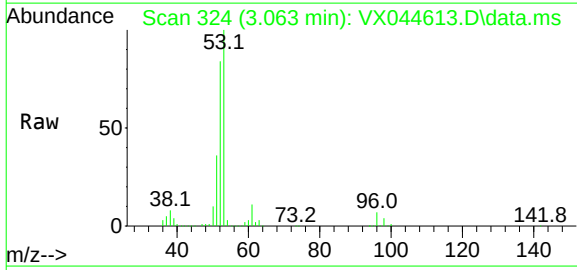
Tgt Ion:	53	Resp:	269181
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.0	100.6
51	37.7	29.4	44.0

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#16

Acetone

Concen: 288.715 ug/l

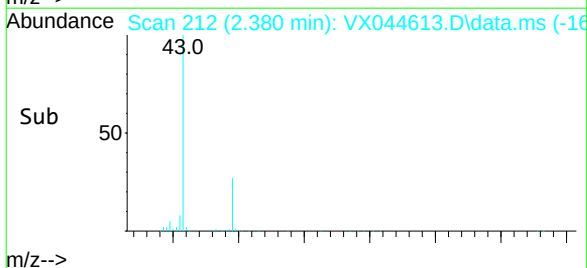
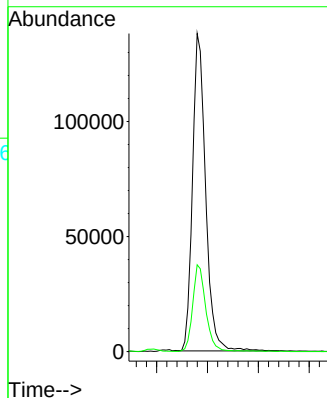
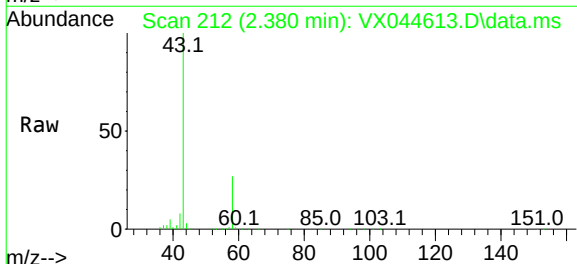
RT: 2.380 min Scan# 212

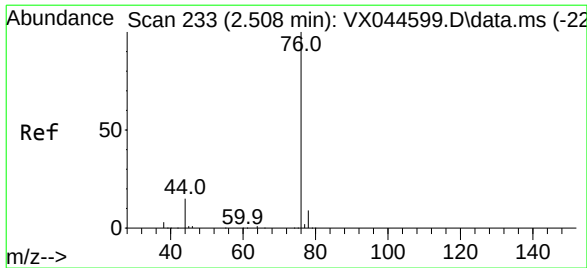
Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

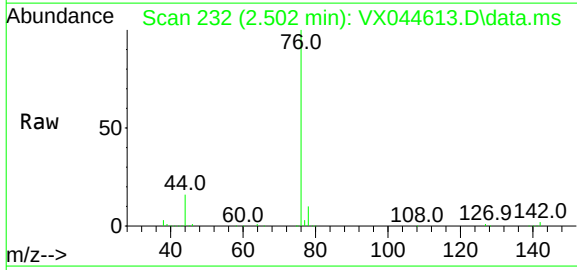
Tgt Ion:	43	Resp:	246540
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.0	33.0





#17
Carbon Disulfide
Concen: 53.692 ug/l
RT: 2.502 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

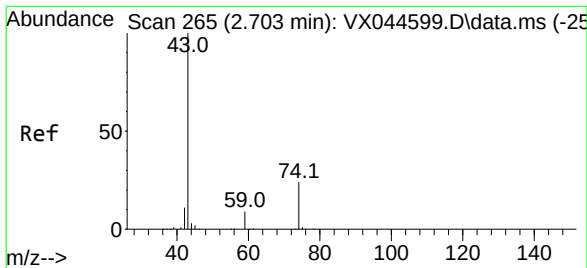
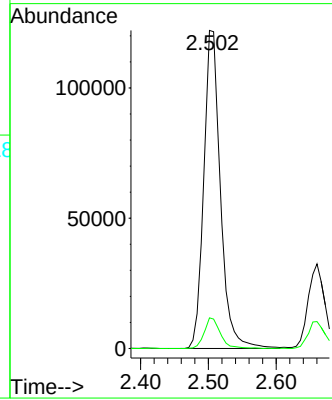
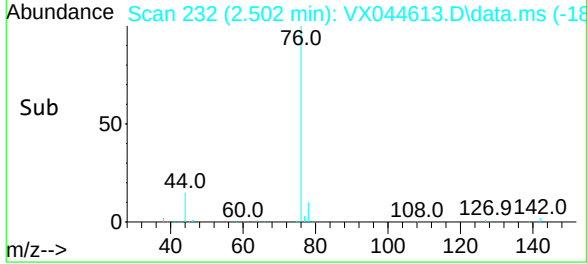
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 208698
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

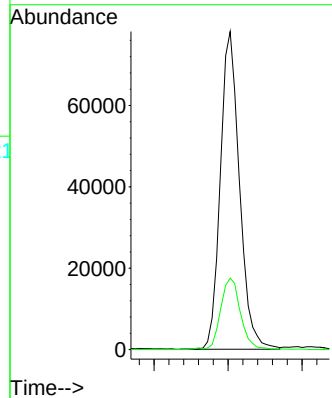
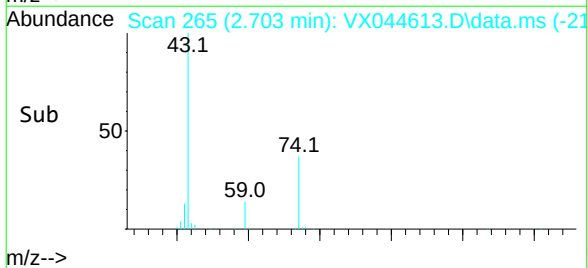
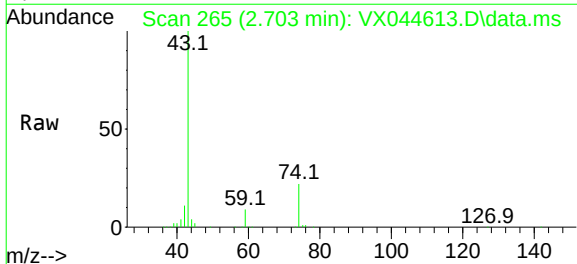
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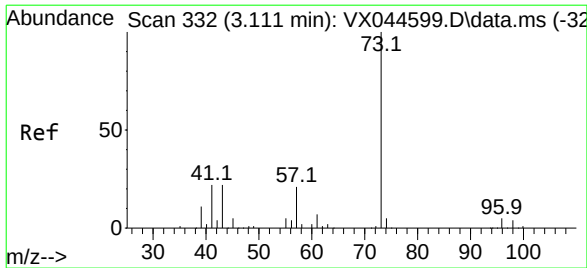
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#18
Methyl Acetate
Concen: 55.654 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 43 Resp: 140271
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9





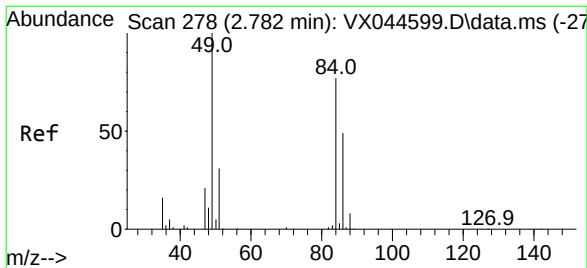
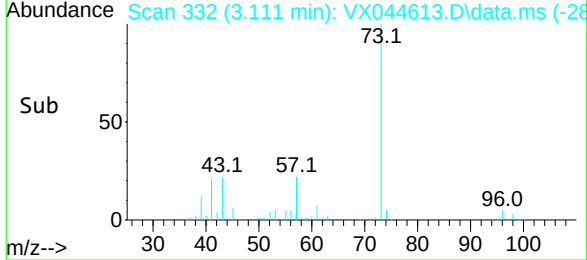
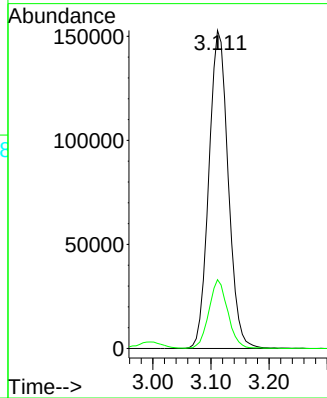
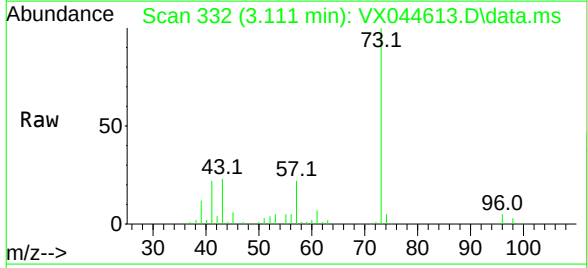
#19
Methyl tert-butyl Ether
Concen: 54.815 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 353121
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4

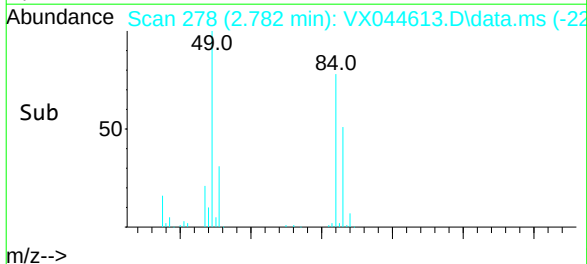
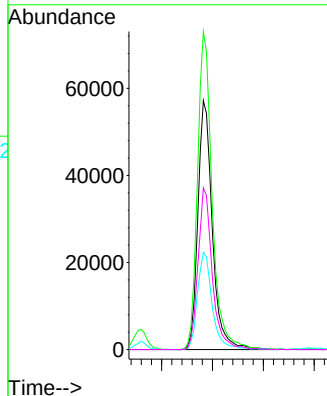
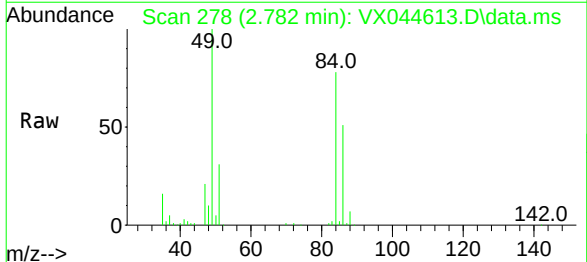
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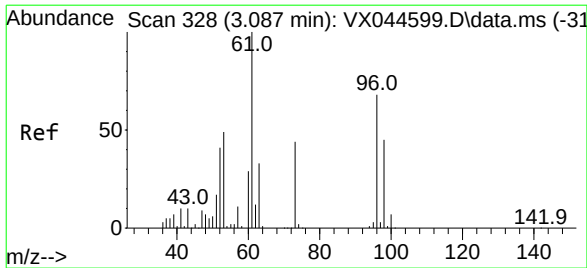
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Methylene Chloride
Concen: 51.920 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

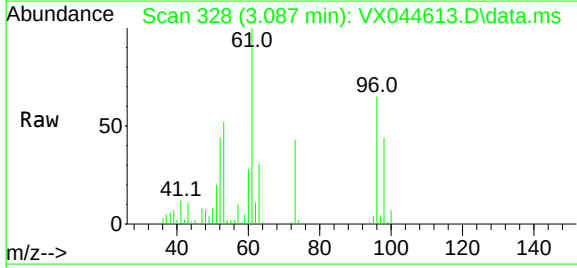
Tgt Ion: 84 Resp: 113109
Ion Ratio Lower Upper
84 100
49 127.7 104.4 156.6
51 39.1 32.0 48.0
86 65.0 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 50.624 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

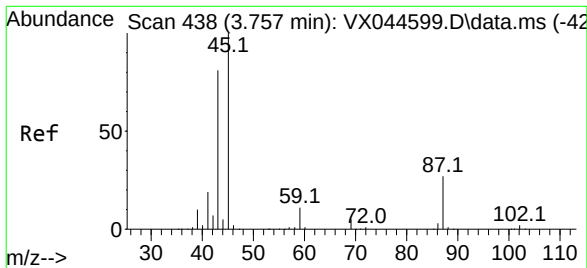
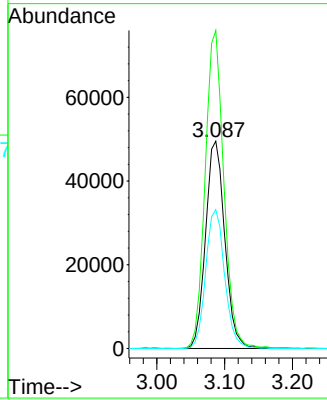
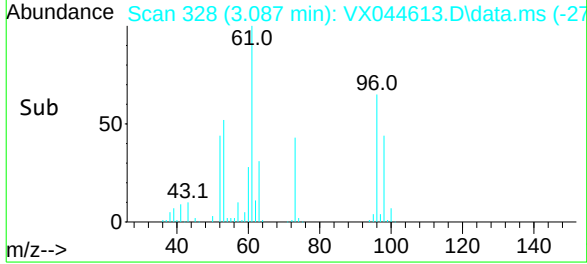
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



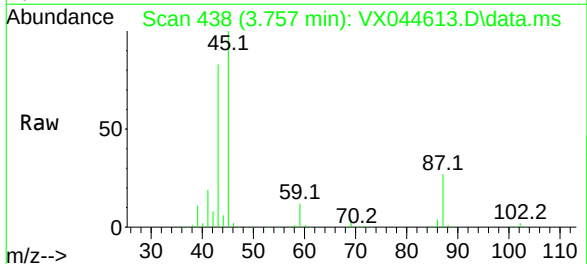
Tgt Ion: 96 Resp: 97667
Ion Ratio Lower Upper
96 100
61 153.4 118.5 177.7
98 67.0 53.4 80.0

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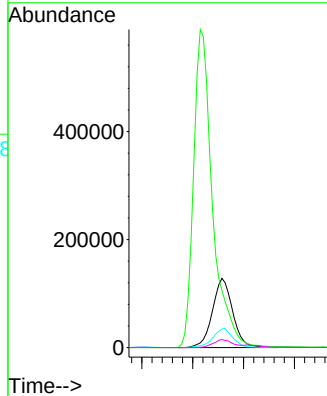
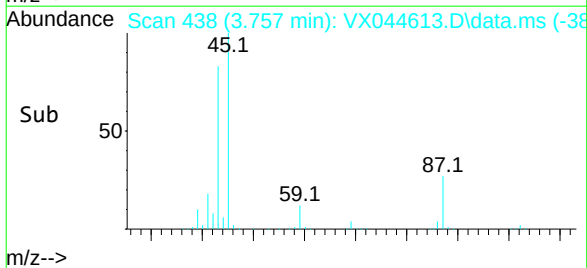
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

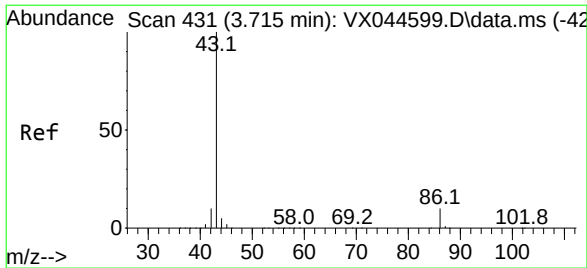


#22
Diisopropyl ether
Concen: 55.179 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37



Tgt Ion: 45 Resp: 354623
Ion Ratio Lower Upper
45 100
43 82.1 64.6 97.0
87 26.8 21.8 32.8
59 11.6 8.6 12.8





#23

Vinyl Acetate

Concen: 295.397 ug/l

RT: 3.715 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1535167

Ion Ratio Lower Upper

43 100

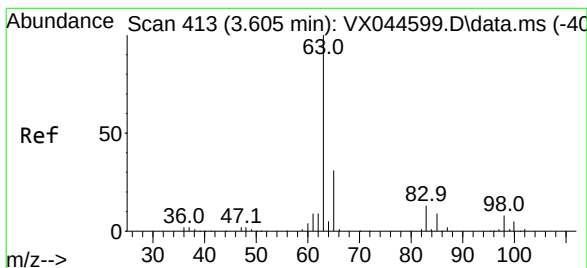
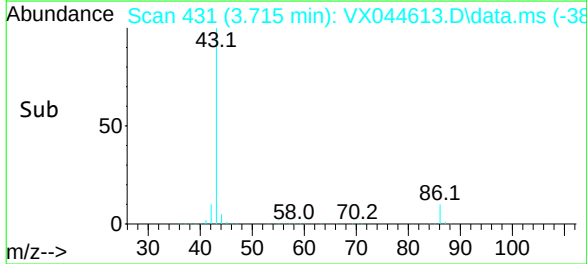
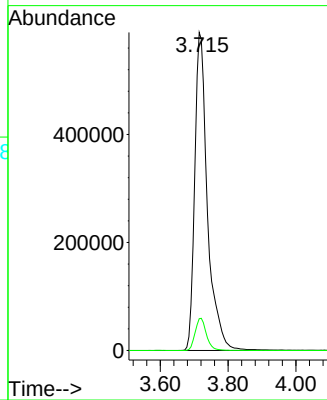
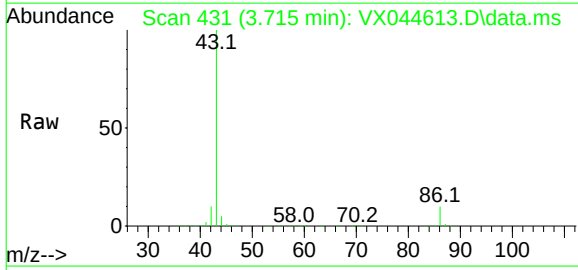
86 10.0 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#24

1,1-Dichloroethane

Concen: 53.250 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

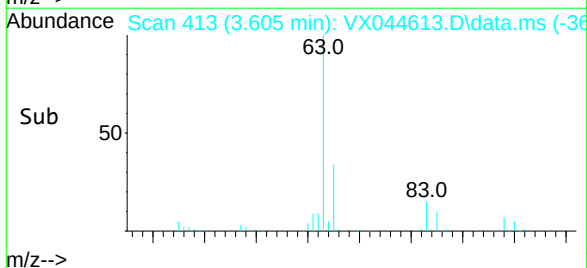
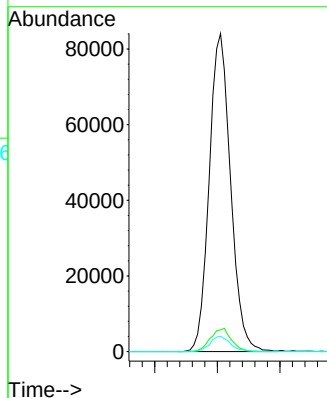
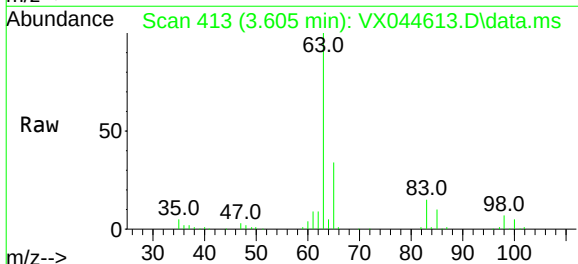
Tgt Ion: 63 Resp: 199407

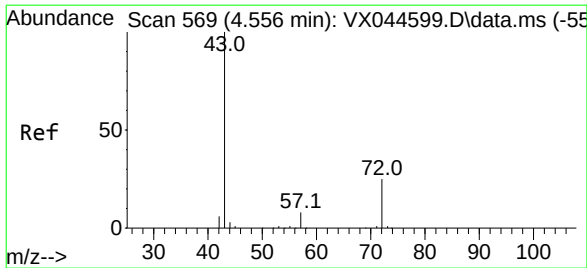
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 300.736 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 370671

Ion Ratio Lower Upper

43 100

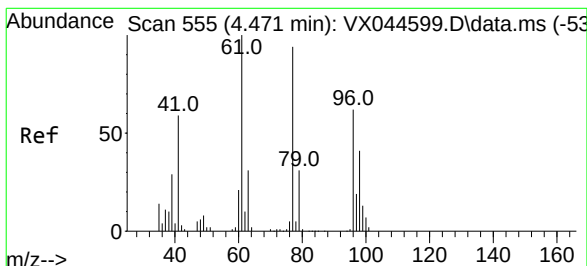
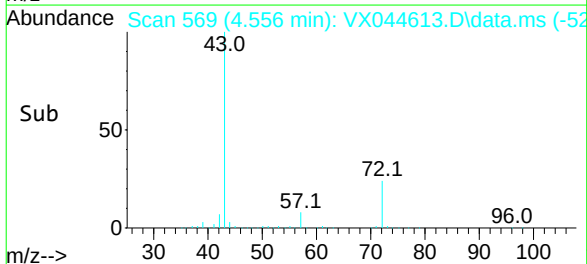
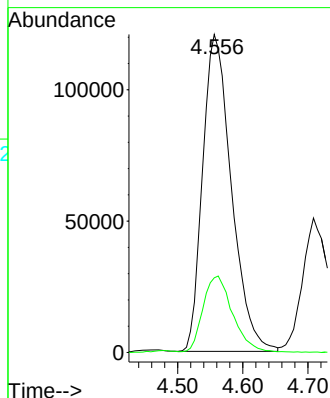
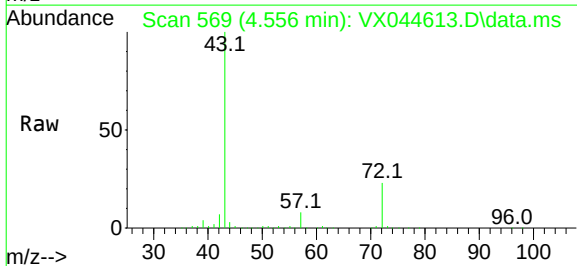
72 23.3 20.2 30.2

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#26

2,2-Dichloropropane

Concen: 51.490 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX044613.D

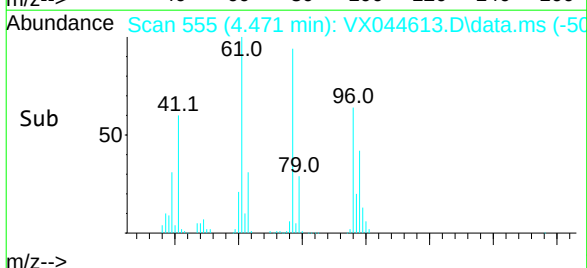
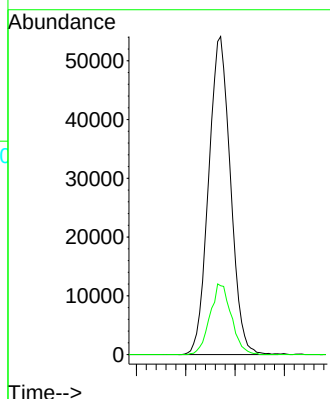
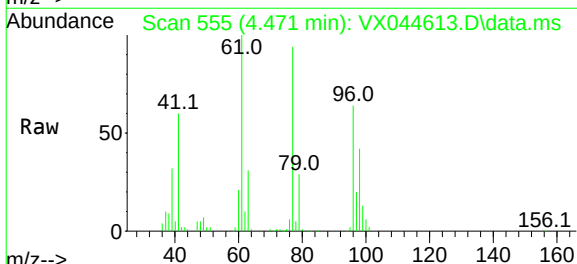
Acq: 07 Jan 2025 19:37

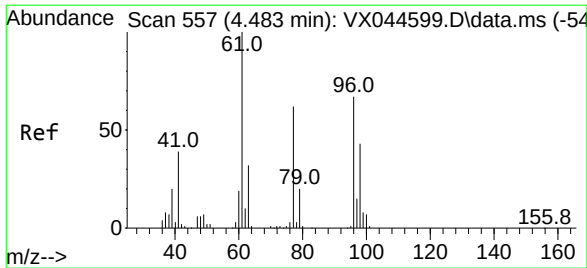
Tgt Ion: 77 Resp: 166708

Ion Ratio Lower Upper

77 100

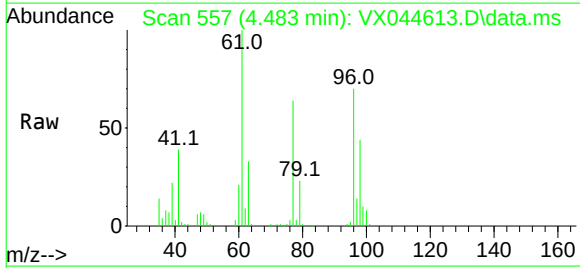
97 21.7 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 52.916 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

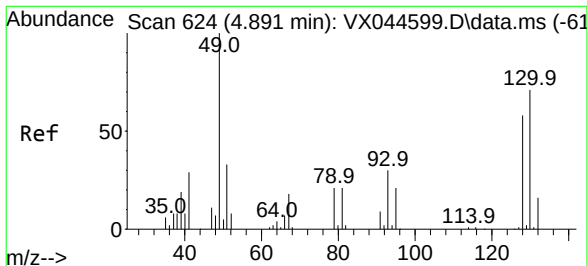
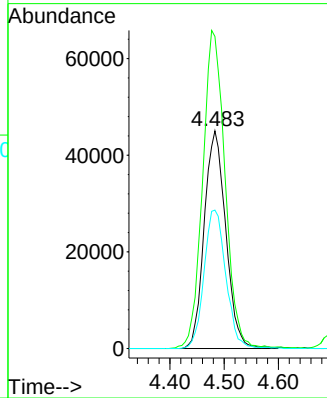
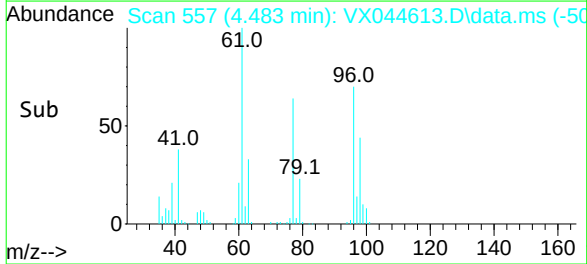
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 124483
Ion Ratio Lower Upper
96 100
61 151.5 0.0 302.8
98 64.4 0.0 130.0

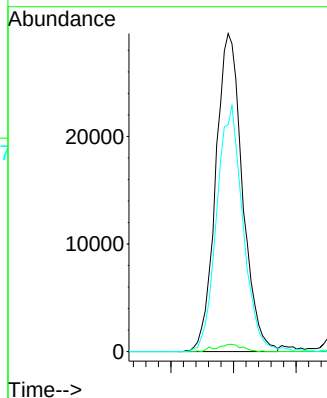
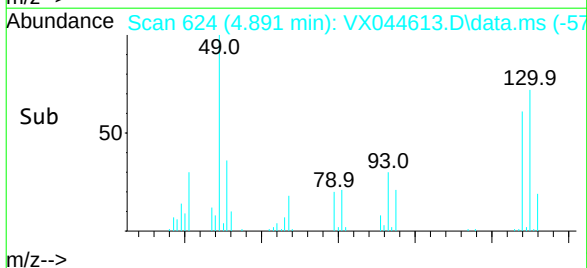
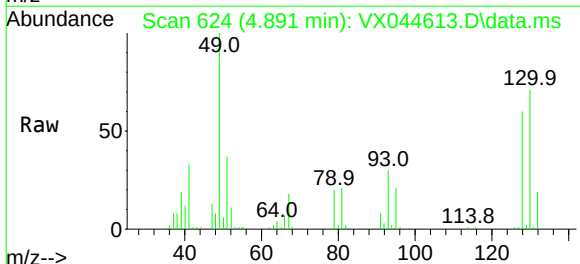
Manual Integrations
APPROVED

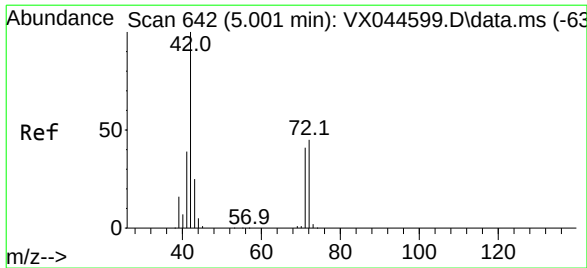
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#28
Bromochloromethane
Concen: 50.249 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 49 Resp: 87592
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 76.0 58.8 88.2





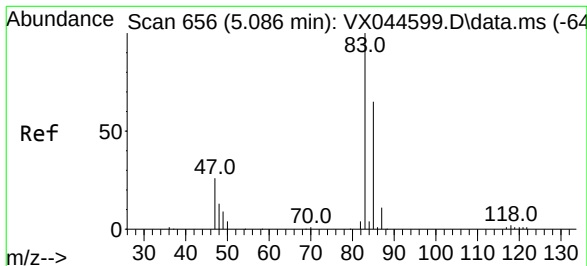
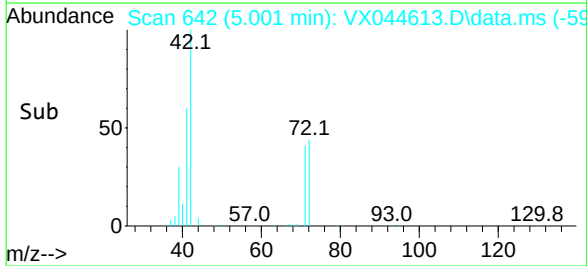
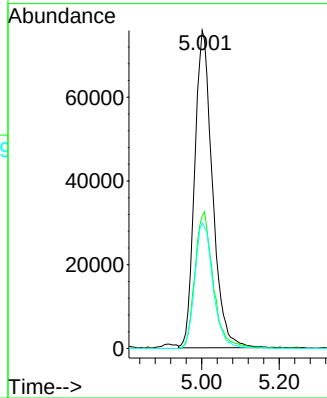
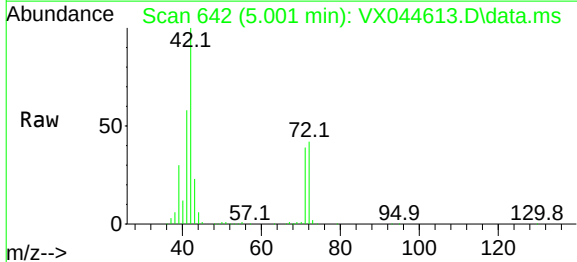
#29
Tetrahydrofuran
Concen: 286.076 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 241460
Ion Ratio Lower Upper
42 100
72 44.0 36.1 54.1
71 40.6 33.0 49.6

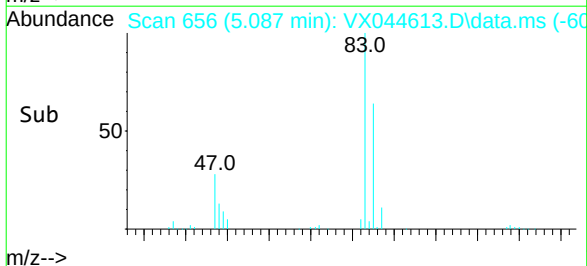
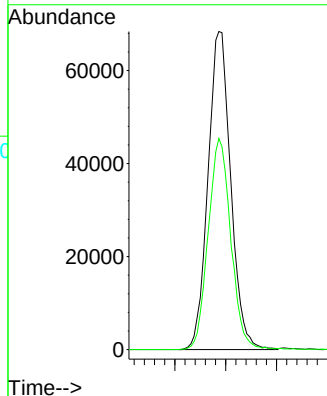
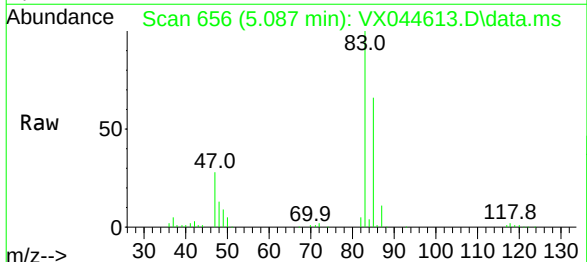
Manual Integrations
APPROVED

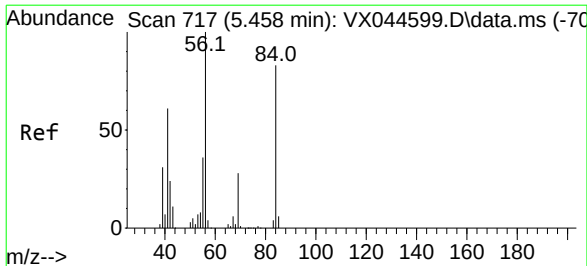
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
Chloroform
Concen: 52.559 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 83 Resp: 212184
Ion Ratio Lower Upper
83 100
85 66.4 52.3 78.5





#31

Cyclohexane

Concen: 51.894 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

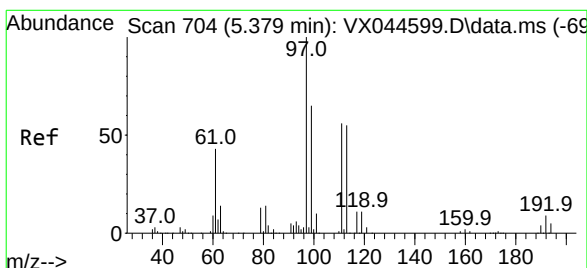
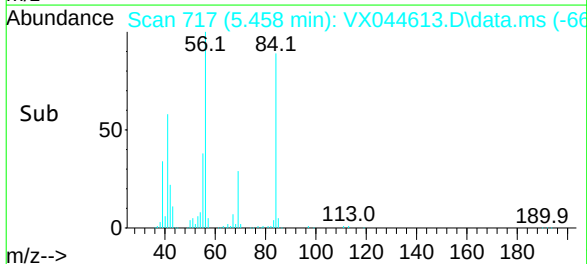
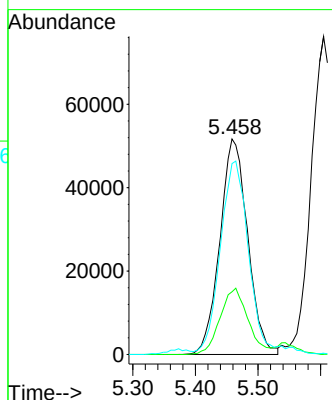
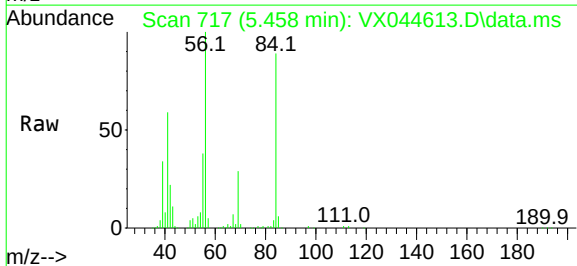
Tgt Ion:	56	Resp:	159553
Ion	Ratio	Lower	Upper
56	100		
69	29.1	22.2	33.4
84	85.9	66.6	100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#32

1,1,1-Trichloroethane

Concen: 54.744 ug/l

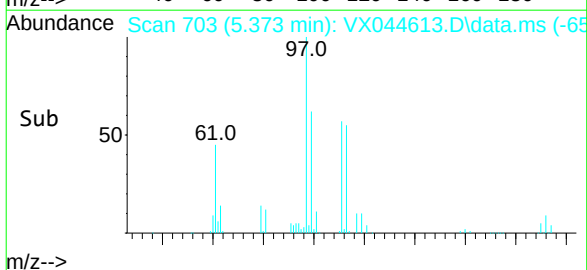
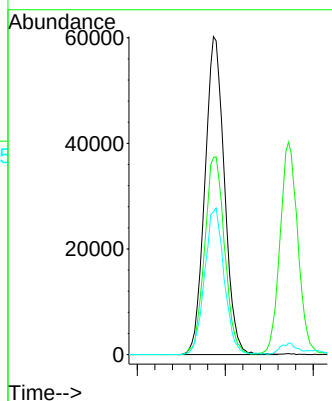
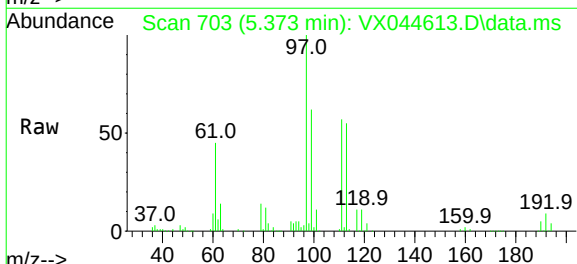
RT: 5.373 min Scan# 703

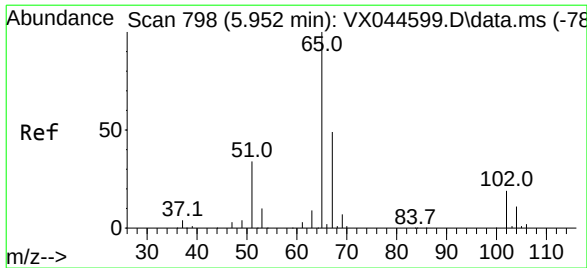
Delta R.T. -0.006 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:	97	Resp:	185991
Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.1	78.1
61	46.3	36.8	55.2





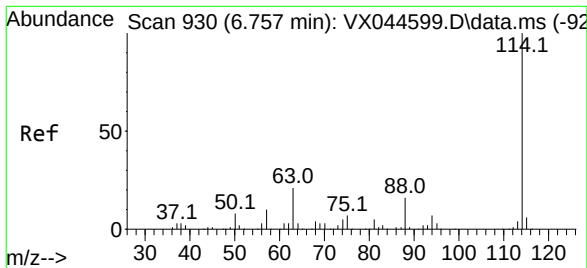
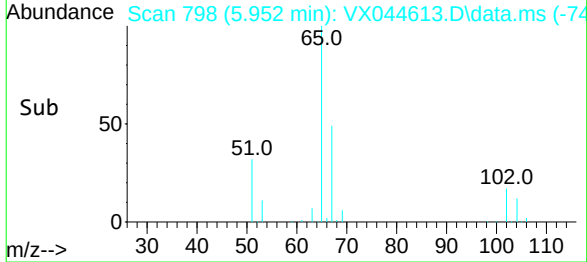
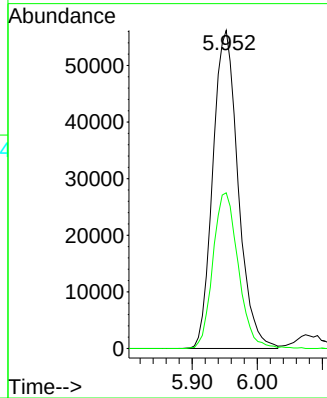
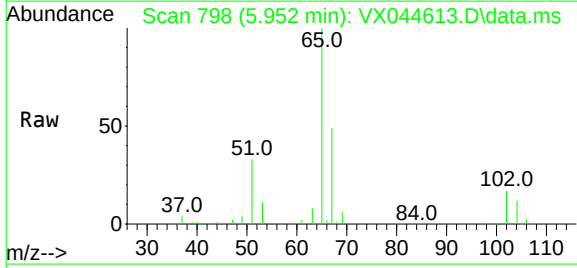
#33
1,2-Dichloroethane-d4
Concen: 55.942 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 151564
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

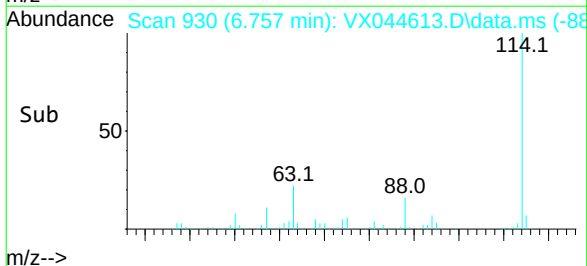
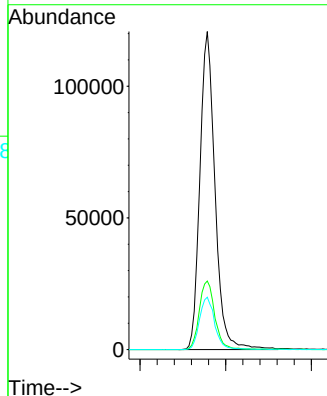
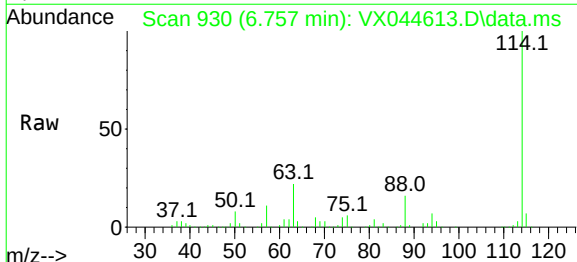
Manual Integrations
APPROVED

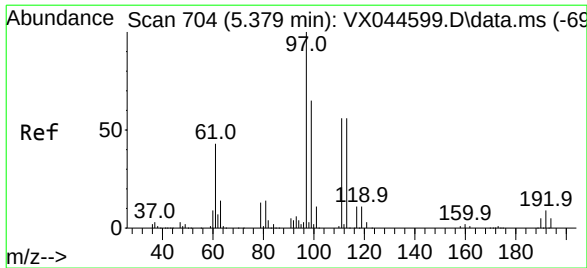
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:114 Resp: 295835
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.6
88 16.5 0.0 32.6





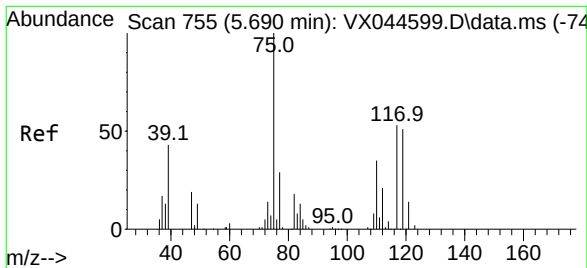
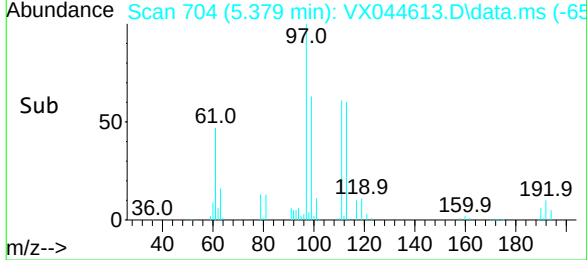
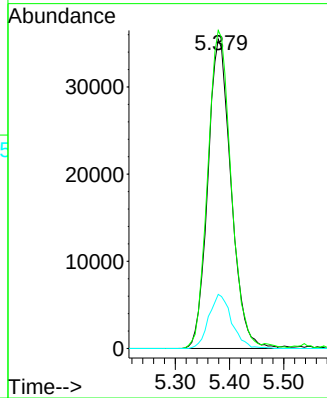
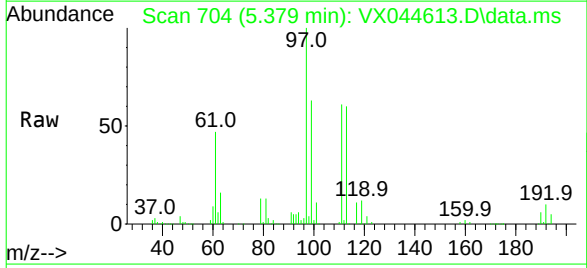
#35
Dibromofluoromethane
Concen: 52.065 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 105618
Ion Ratio Lower Upper
113 100
111 103.0 83.3 124.9
192 17.2 14.3 21.5

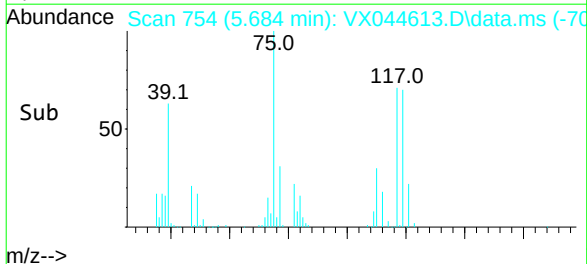
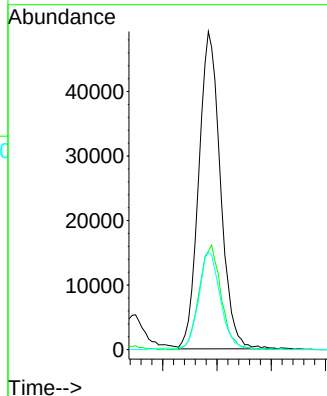
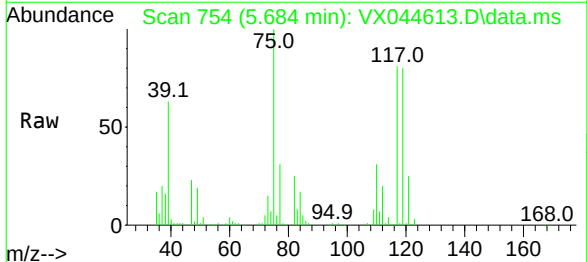
Manual Integrations
APPROVED

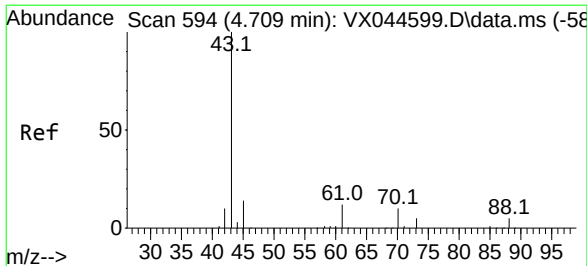
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#36
1,1-Dichloropropene
Concen: 52.027 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 75 Resp: 136474
Ion Ratio Lower Upper
75 100
110 33.4 17.3 51.9
77 30.6 24.7 37.1





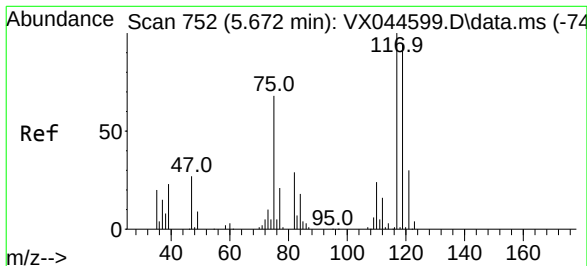
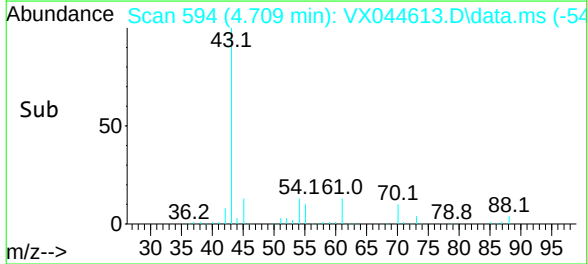
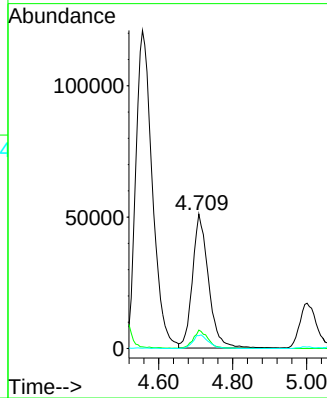
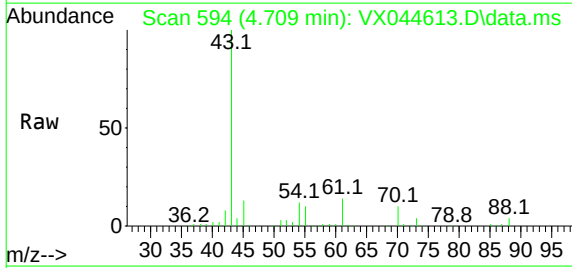
#37
Ethyl Acetate
Concen: 57.053 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	153095
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	9.8	8.0	12.0

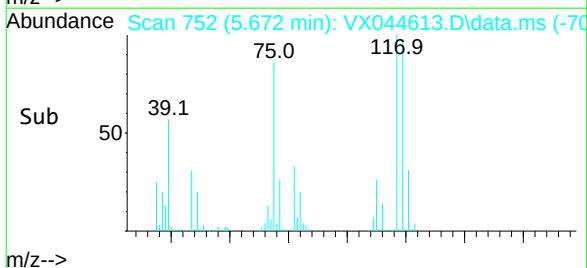
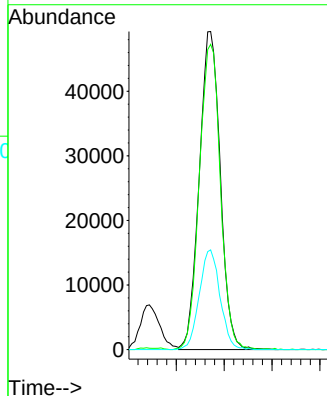
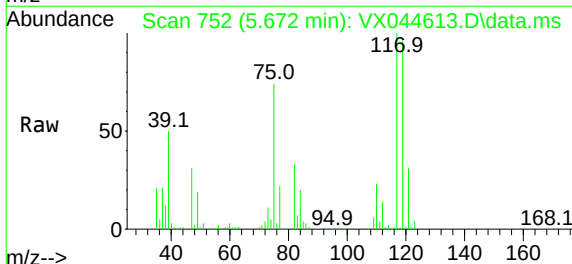
Manual Integrations
APPROVED

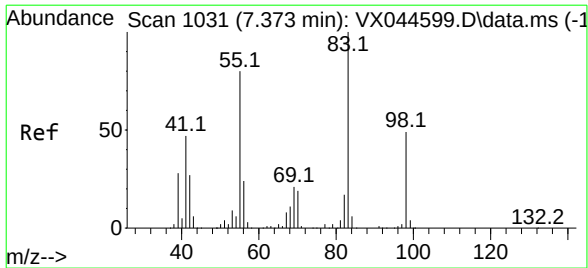
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#38
Carbon Tetrachloride
Concen: 51.595 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:	117	Resp:	150161
Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.5	111.7
121	31.3	24.1	36.1





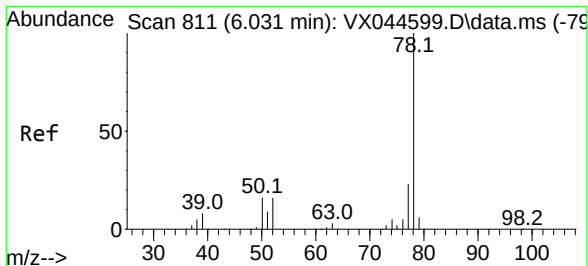
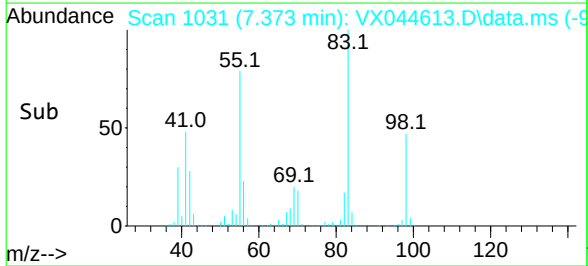
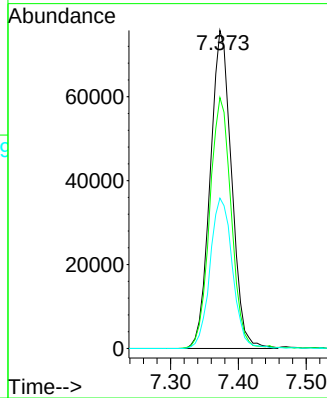
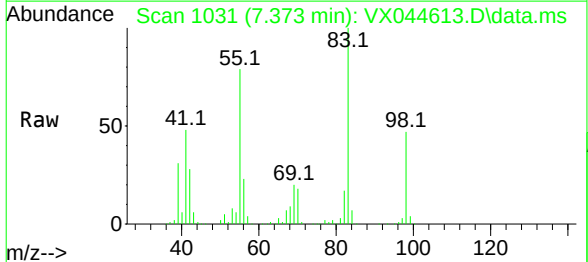
#39
Methylcyclohexane
Concen: 49.669 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 166246
Ion Ratio Lower Upper
83 100
55 78.9 64.1 96.1
98 47.3 38.9 58.3

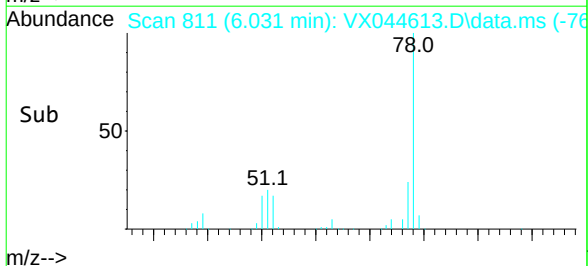
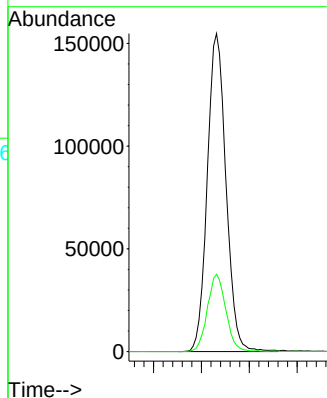
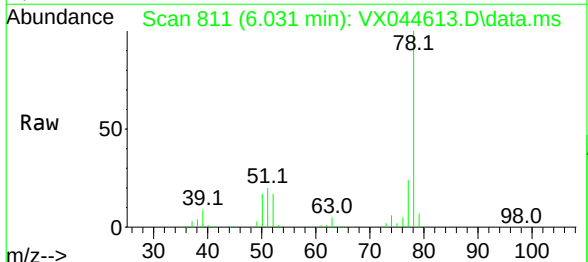
Manual Integrations
APPROVED

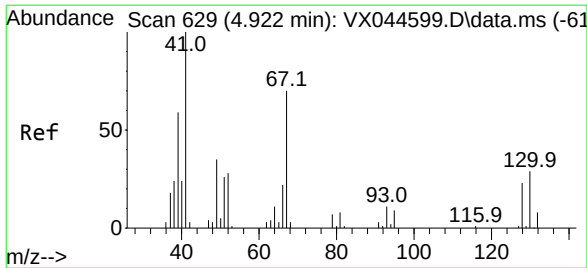
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Benzene
Concen: 50.785 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 78 Resp: 419445
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





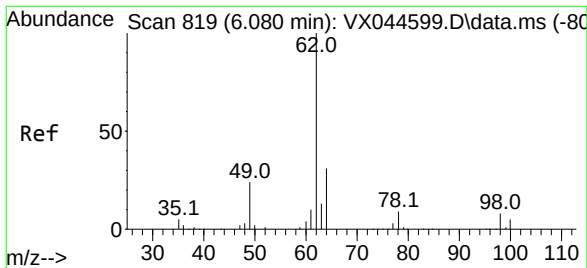
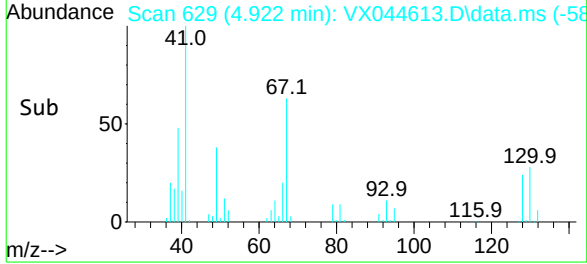
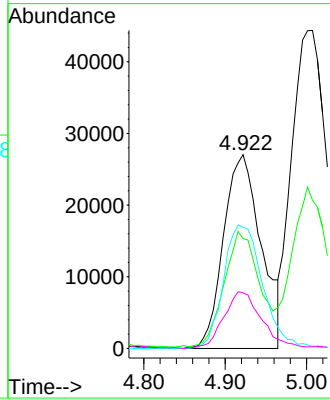
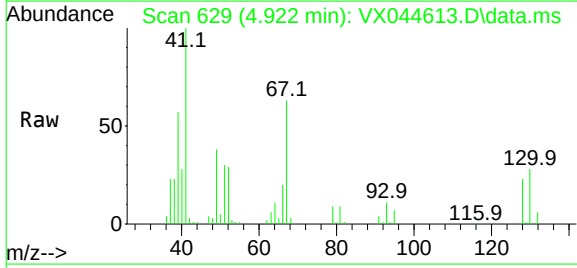
#41
Methacrylonitrile
Concen: 60.464 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	87090
Ion	Ratio	Lower	Upper
41	100		
39	55.5	47.0	70.4
67	66.2	57.4	86.2
52	29.8	25.0	37.6

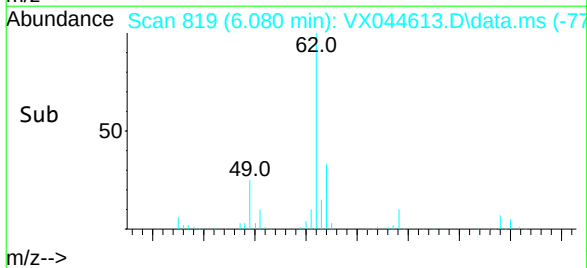
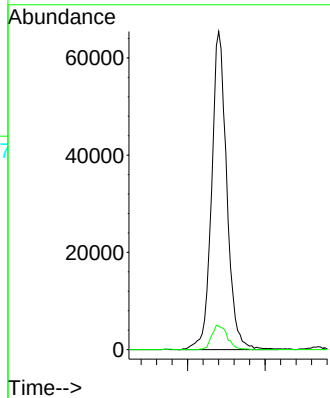
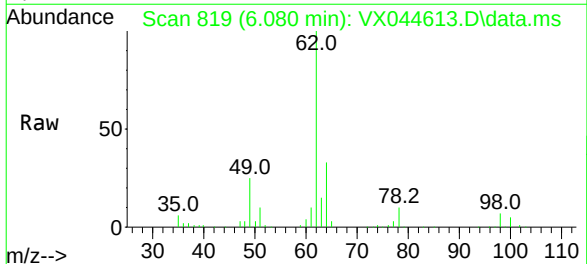
Manual Integrations
APPROVED

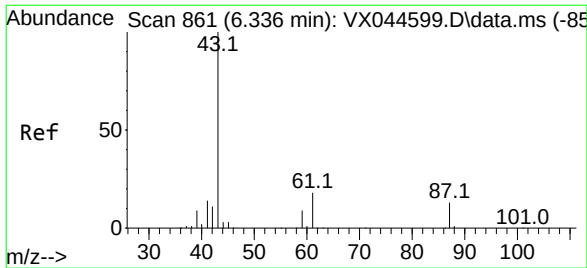
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#42
1,2-Dichloroethane
Concen: 55.178 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:	62	Resp:	178223
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 56.022 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

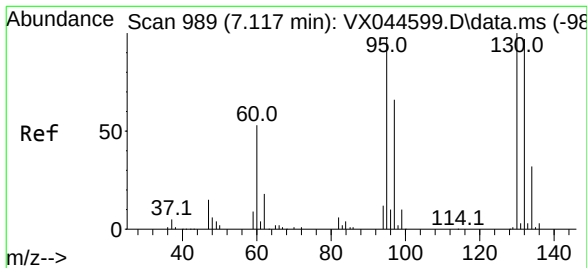
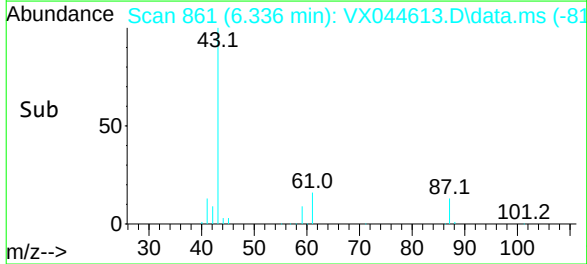
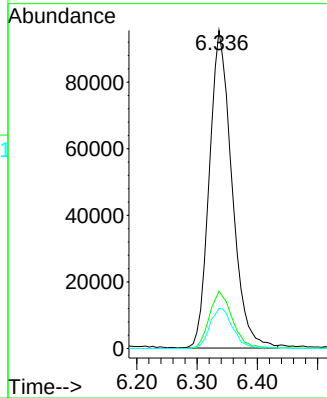
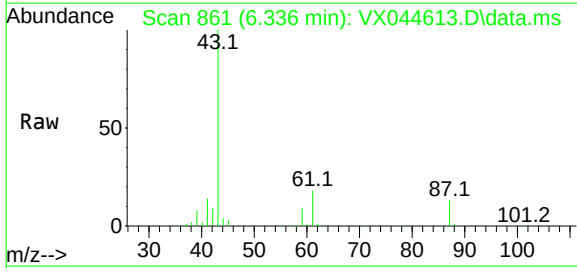
Tgt Ion:	43	Resp:	248008
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.5	21.7
87	13.0	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Trichloroethene

Concen: 48.261 ug/l

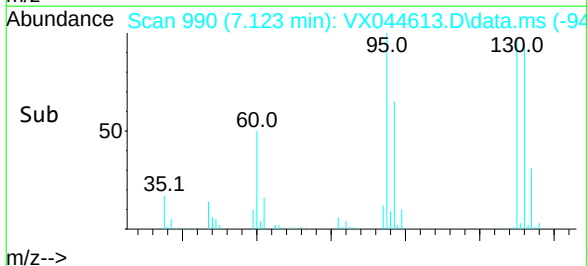
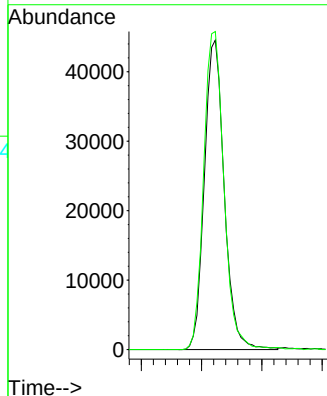
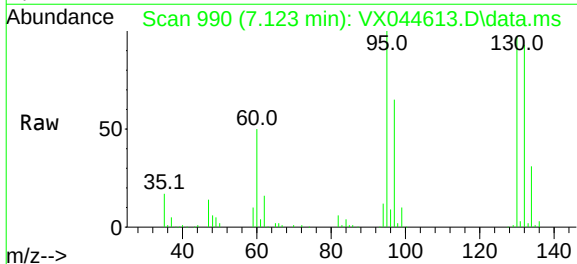
RT: 7.123 min Scan# 990

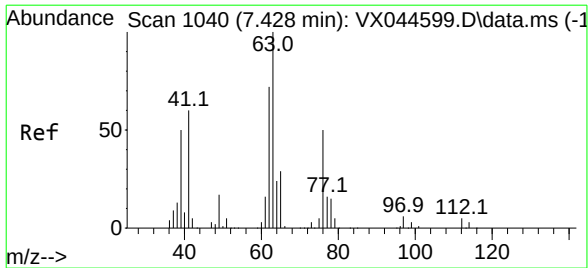
Delta R.T. 0.006 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:	130	Resp:	101890
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	195.6





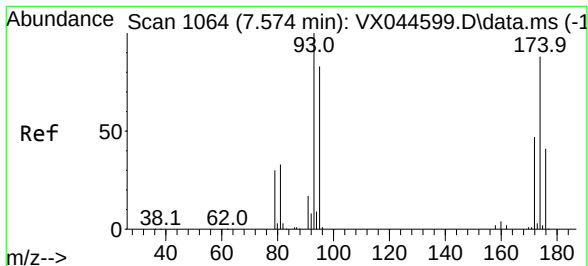
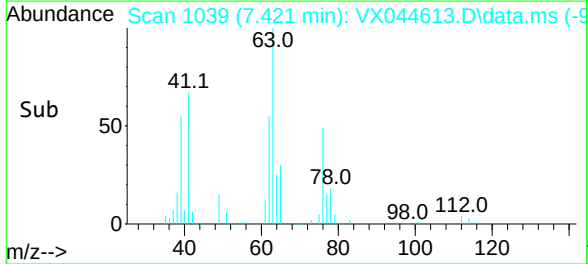
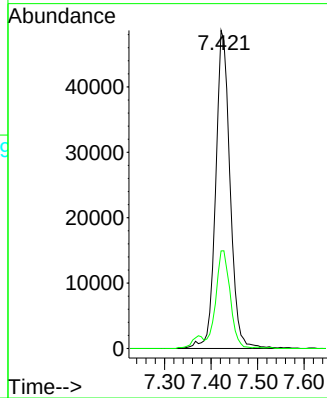
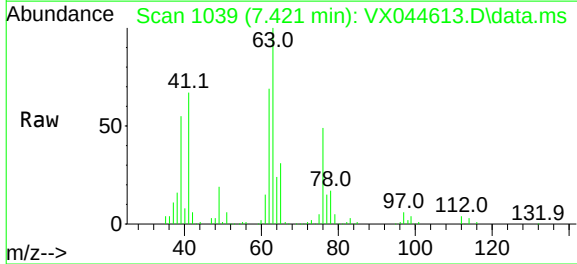
#45
1,2-Dichloropropane
Concen: 51.880 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 104468
Ion Ratio Lower Upper
63 100
65 30.7 23.0 34.4

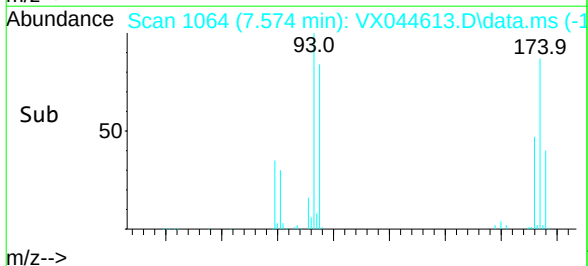
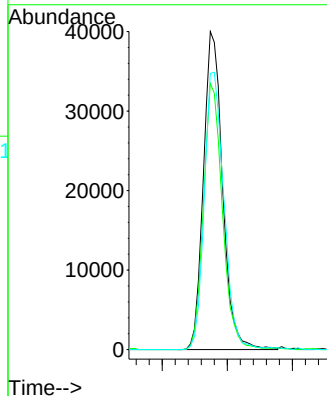
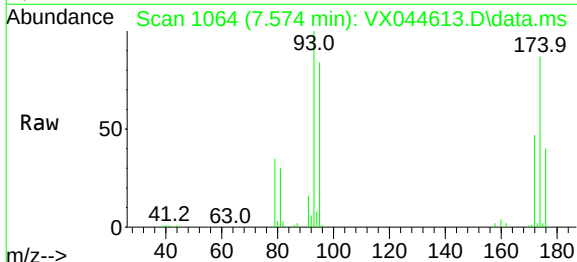
Manual Integrations
APPROVED

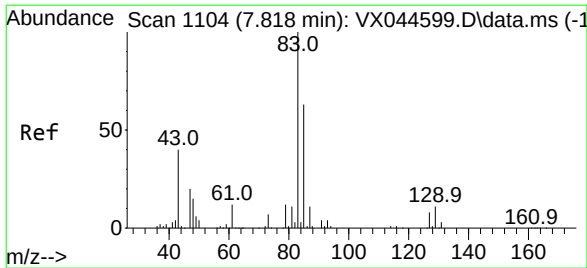
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#46
Dibromomethane
Concen: 52.190 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 93 Resp: 81733
Ion Ratio Lower Upper
93 100
95 82.9 65.8 98.6
174 89.3 73.4 110.0





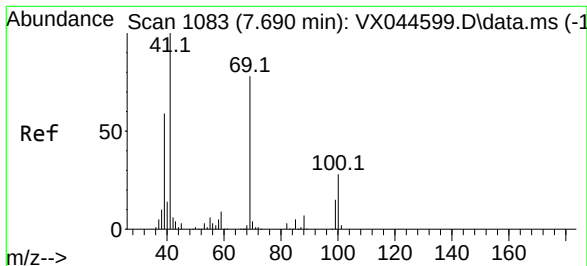
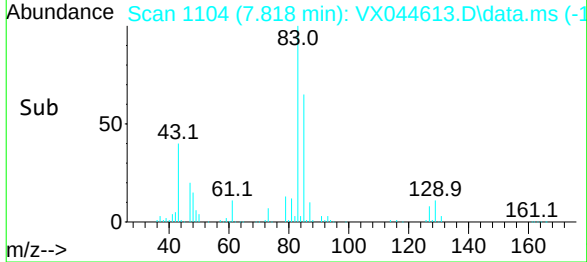
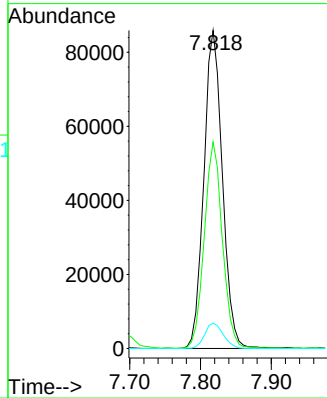
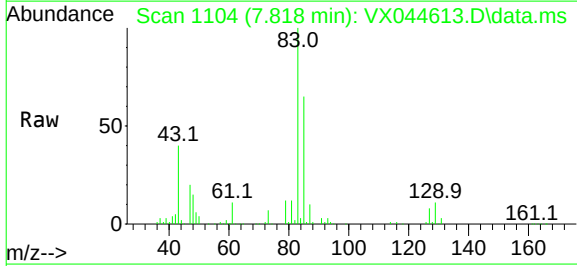
#47
Bromodichloromethane
Concen: 54.997 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 156733
Ion Ratio Lower Upper
83 100
85 64.8 50.4 75.6
127 8.0 6.2 9.4

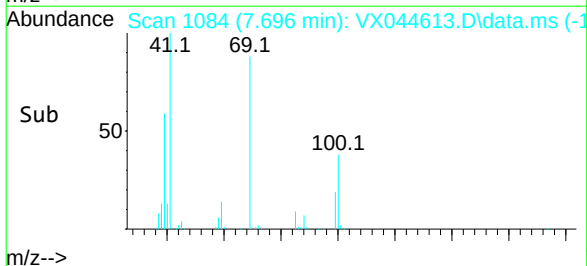
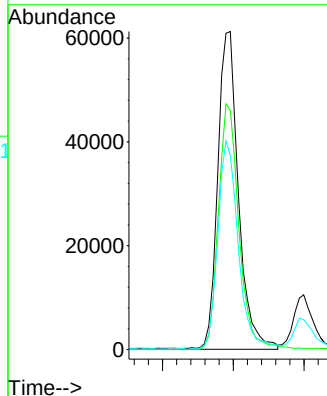
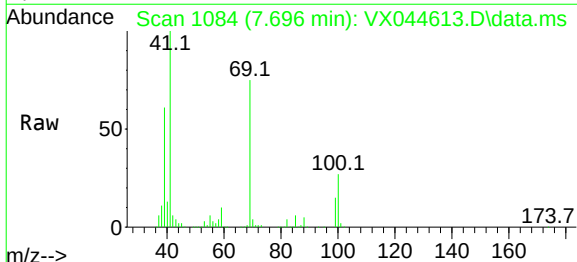
Manual Integrations
APPROVED

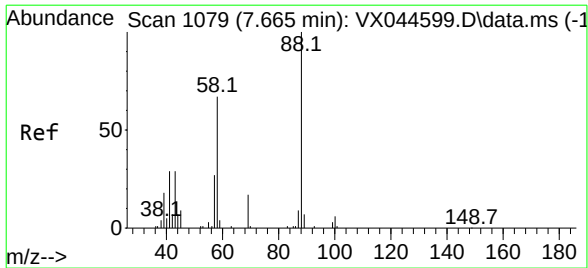
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
Methyl methacrylate
Concen: 58.879 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

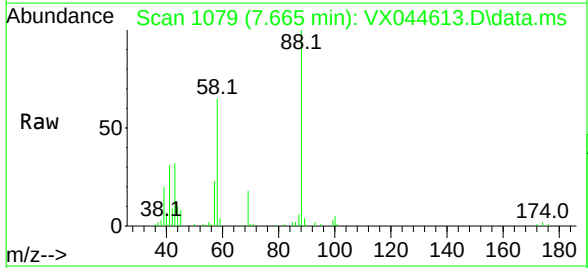
Tgt Ion: 41 Resp: 124321
Ion Ratio Lower Upper
41 100
69 77.2 62.9 94.3
39 64.0 48.9 73.3





#49
1,4-Dioxane
Concen: 1249.198 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

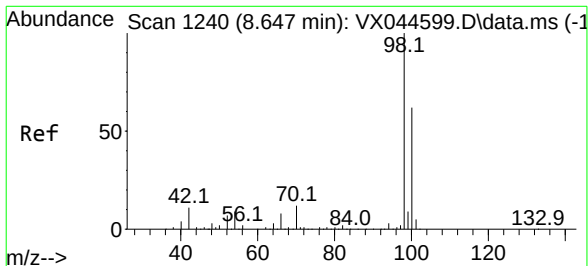
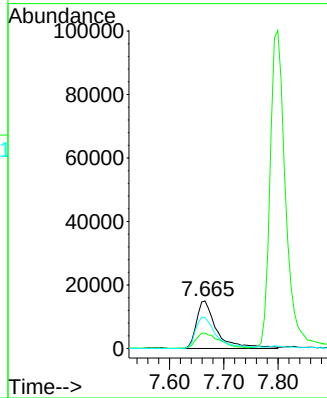
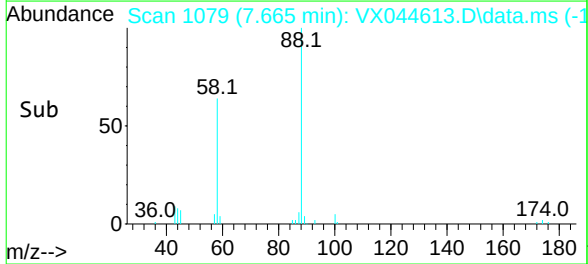
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 38760
Ion Ratio Lower Upper
88 100
43 37.0 29.5 44.3
58 67.3 56.3 84.5

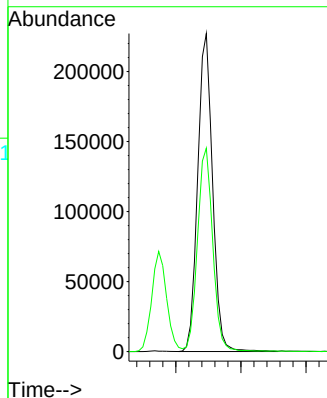
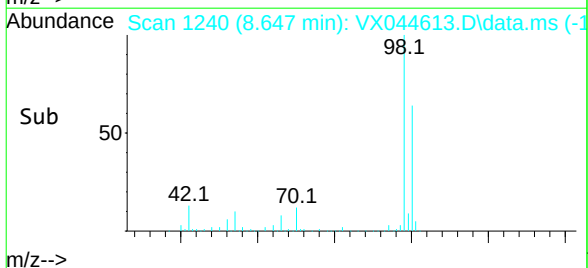
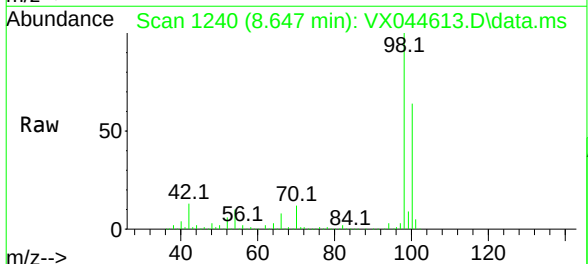
Manual Integrations
APPROVED

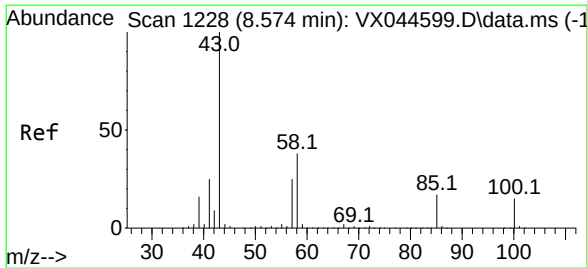
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#50
Toluene-d8
Concen: 51.967 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 98 Resp: 360090
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





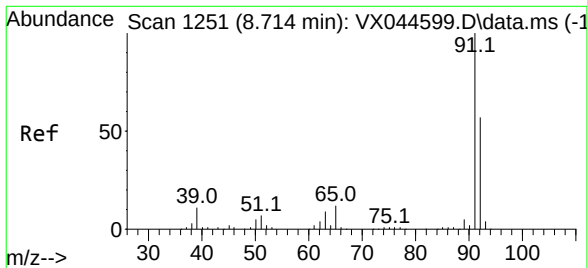
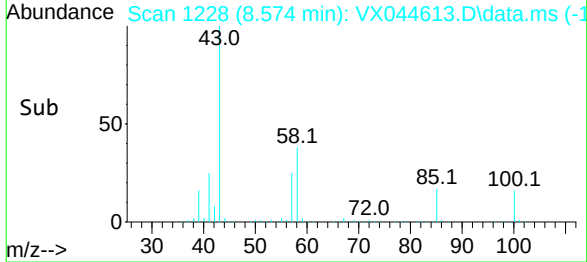
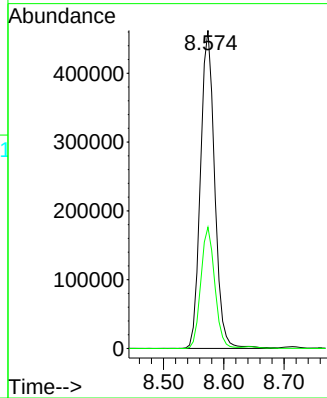
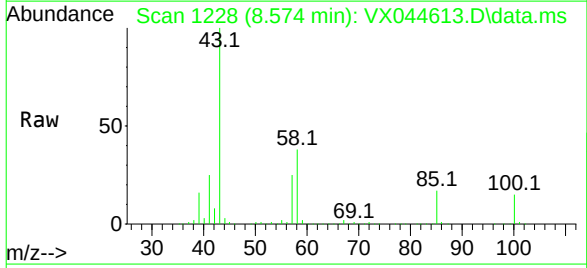
#51
4-Methyl-2-Pentanone
Concen: 292.284 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 756374
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0

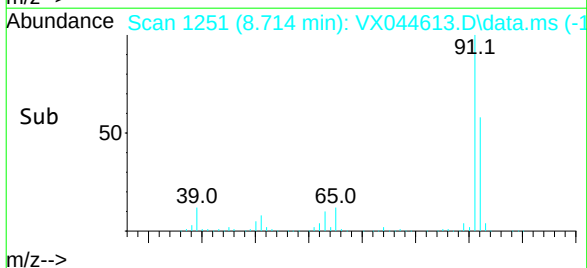
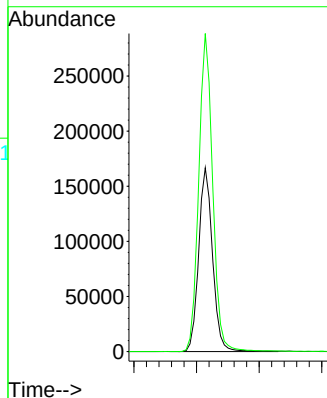
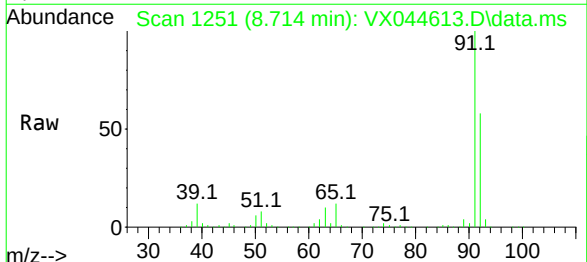
Manual Integrations
APPROVED

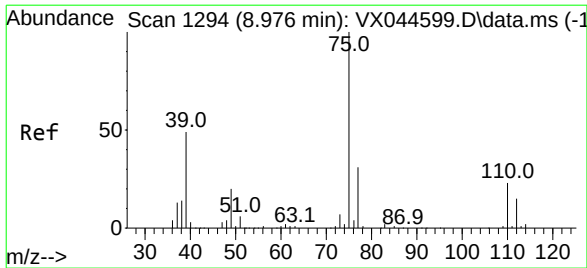
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
Toluene
Concen: 51.653 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 92 Resp: 257402
Ion Ratio Lower Upper
92 100
91 173.7 140.6 210.8





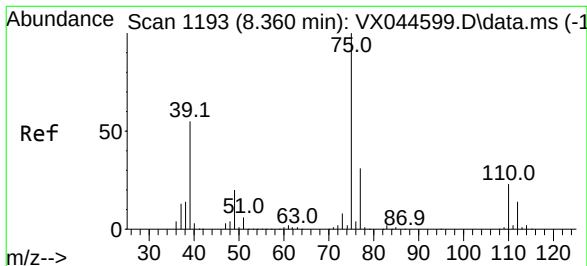
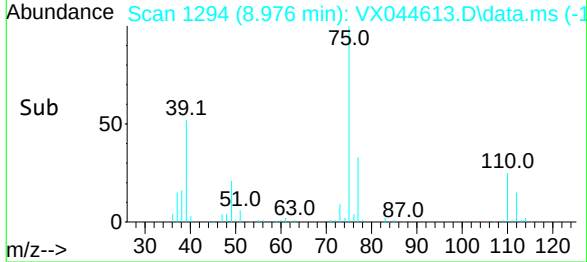
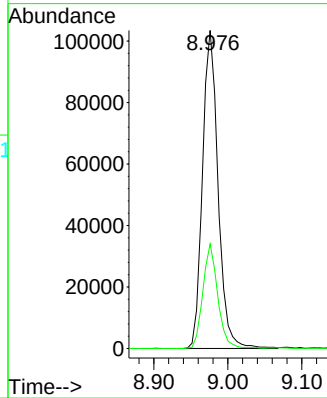
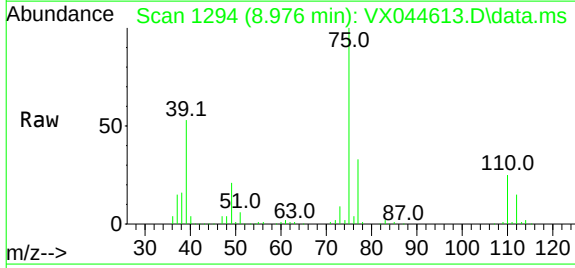
#53
t-1,3-Dichloropropene
Concen: 55.515 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 151224
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2

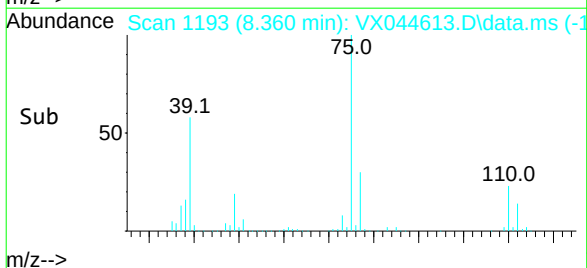
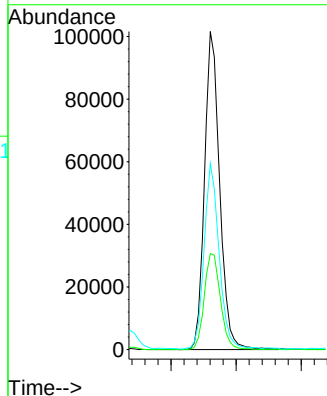
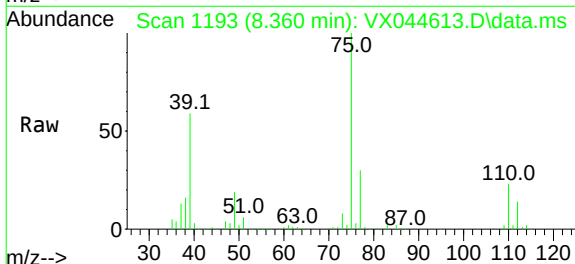
Manual Integrations
APPROVED

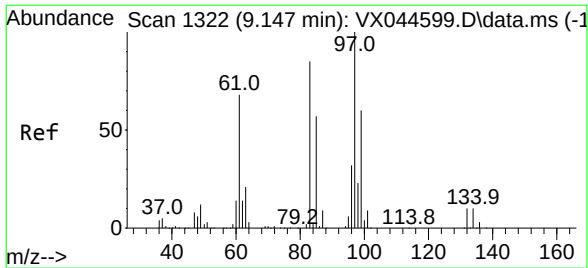
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#54
cis-1,3-Dichloropropene
Concen: 53.656 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

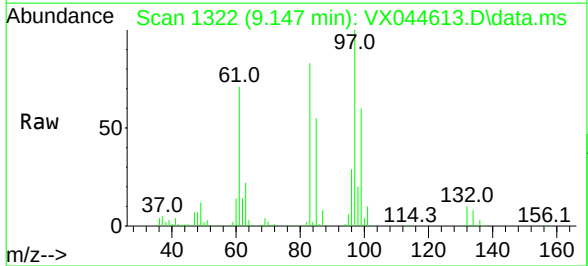
Tgt Ion: 75 Resp: 164267
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7
39 58.3 44.3 66.5





#55
1,1,2-Trichloroethane
Concen: 52.771 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

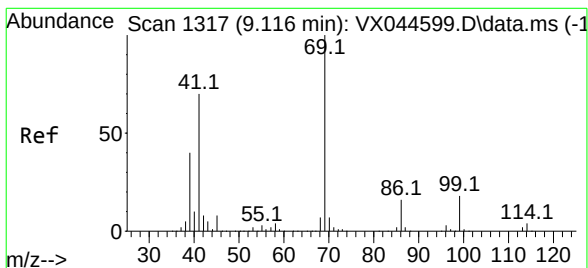
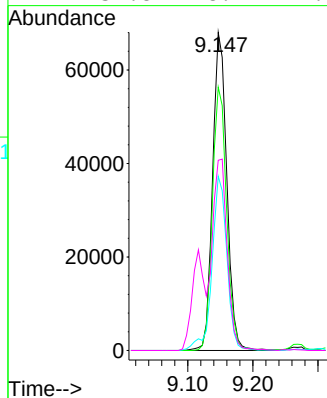
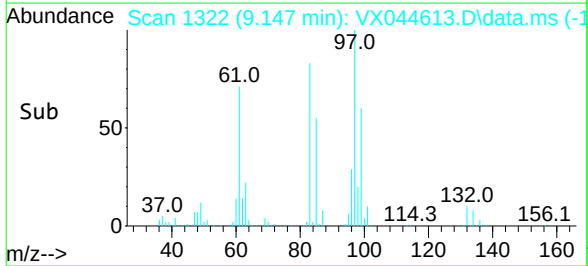
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.0	102.0
85	54.8	45.4	68.0
99	59.8	48.4	72.6

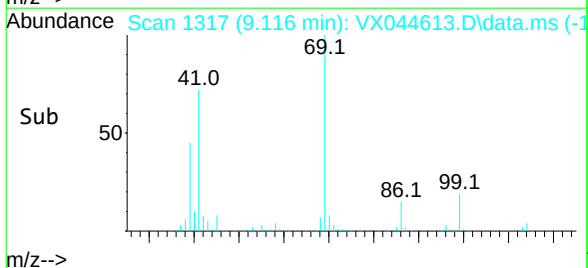
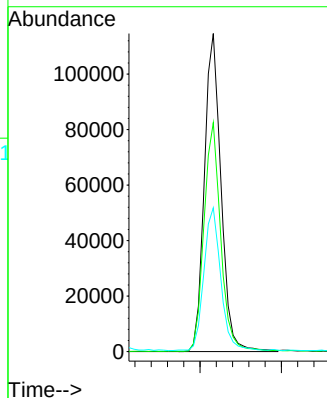
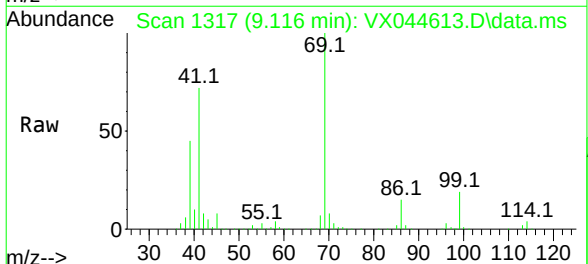
Manual Integrations
APPROVED

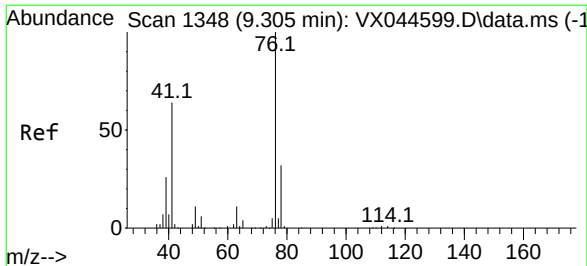
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#56
Ethyl methacrylate
Concen: 57.469 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

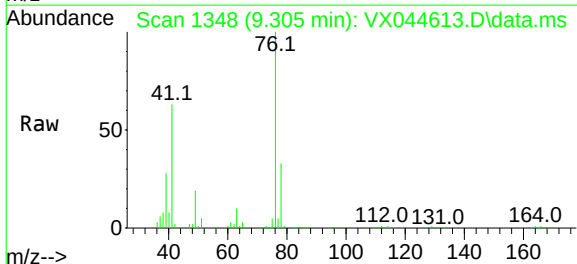
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.7	86.5
39	45.4	33.7	50.5





#57
1,3-Dichloropropane
Concen: 53.383 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

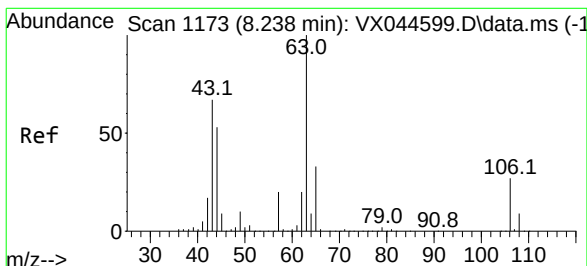
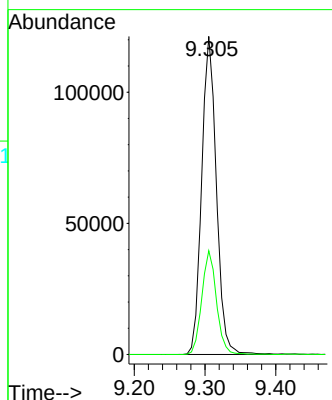
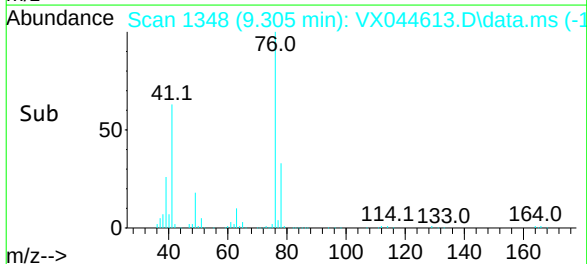
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 175128
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

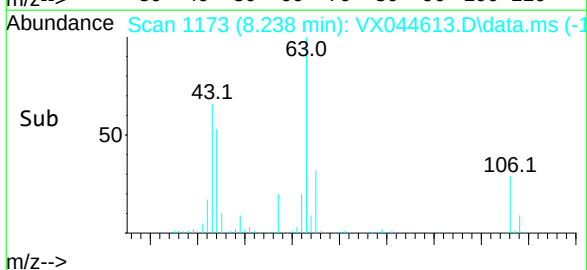
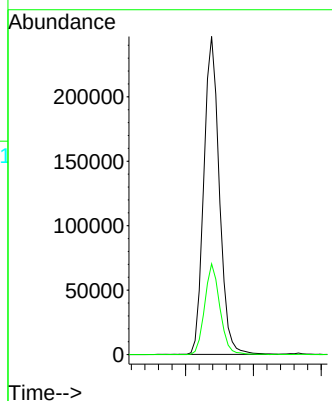
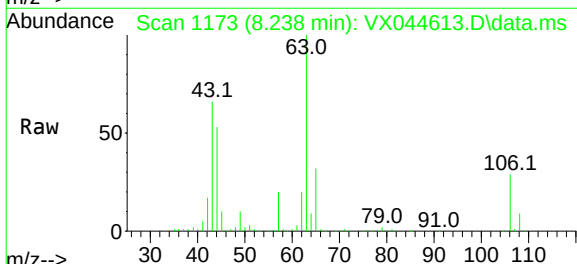
Manual Integrations
APPROVED

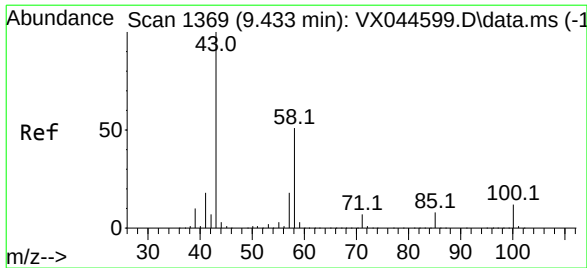
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 278.235 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 63 Resp: 391895
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6





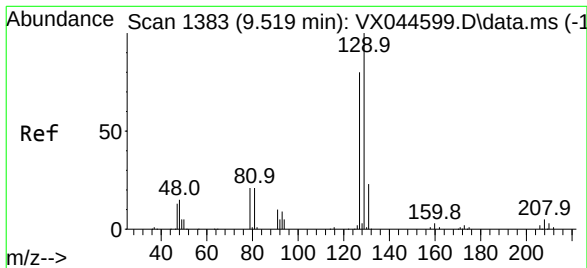
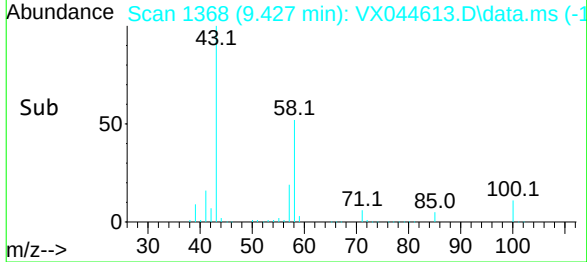
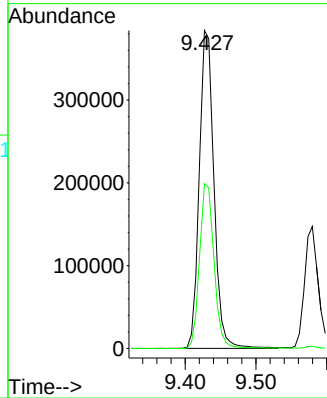
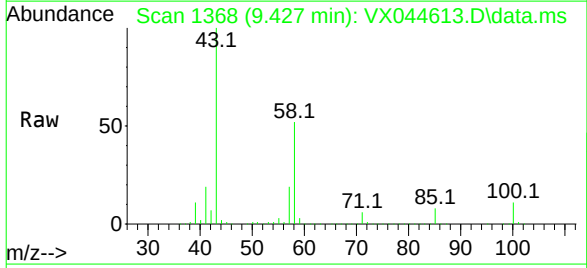
#59
2-Hexanone
Concen: 302.247 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 553155
Ion Ratio Lower Upper
43 100
58 51.5 25.4 76.4

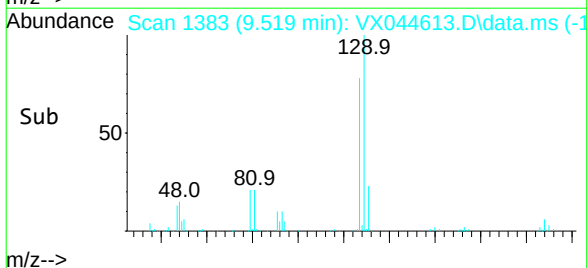
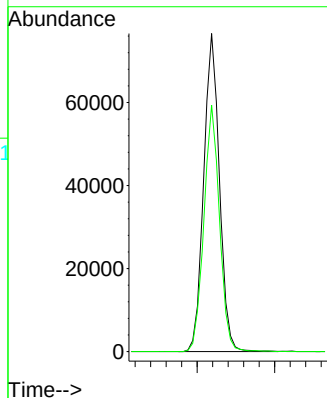
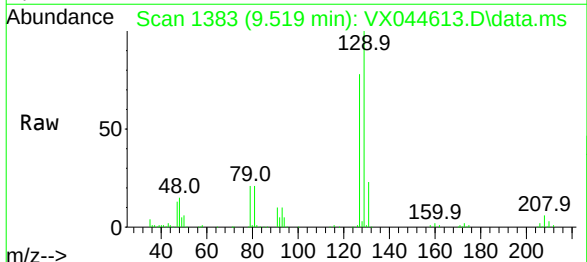
Manual Integrations
APPROVED

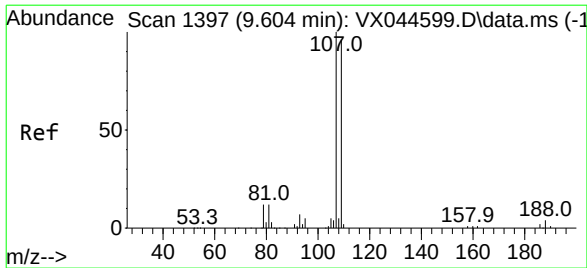
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
Dibromochloromethane
Concen: 55.427 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:129 Resp: 107971
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





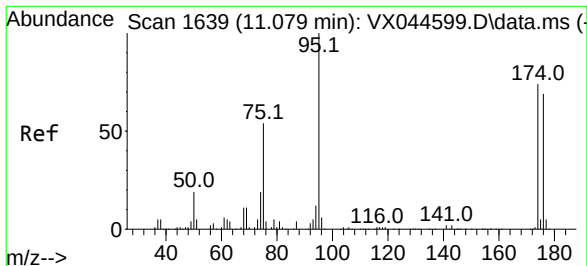
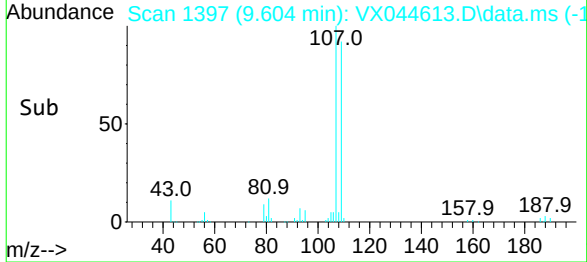
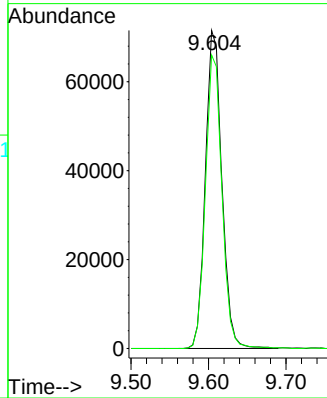
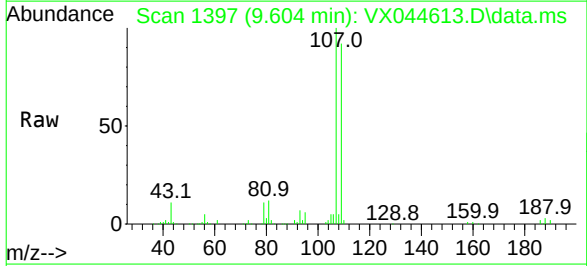
#61
1,2-Dibromoethane
Concen: 53.635 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 105825
Ion Ratio Lower Upper
107 100
109 92.7 76.7 115.1

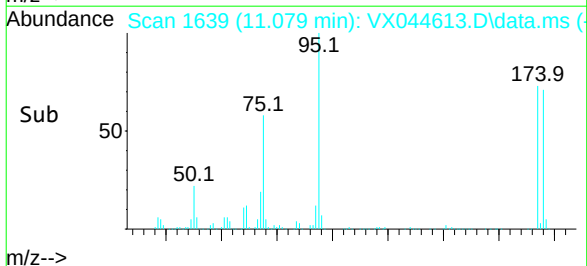
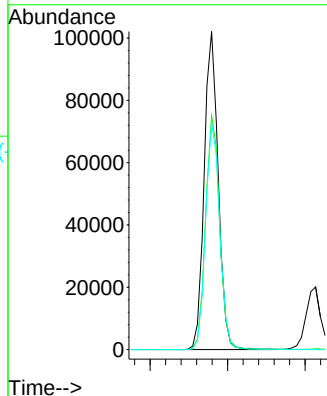
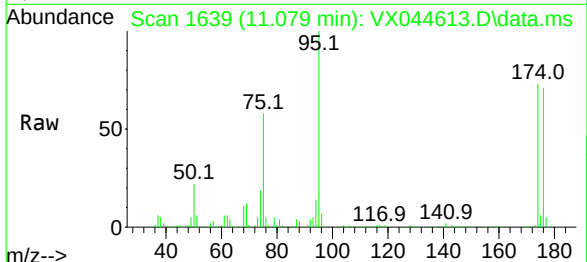
Manual Integrations
APPROVED

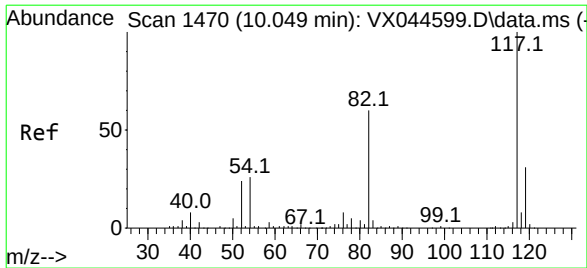
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
4-Bromofluorobenzene
Concen: 52.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 95 Resp: 128195
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.8
176 71.8 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: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

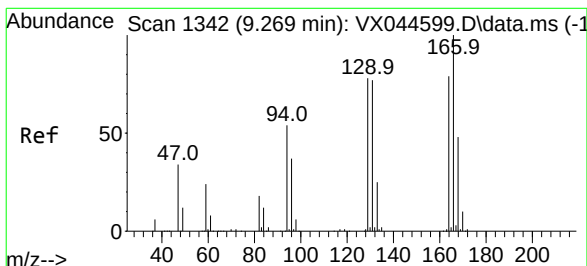
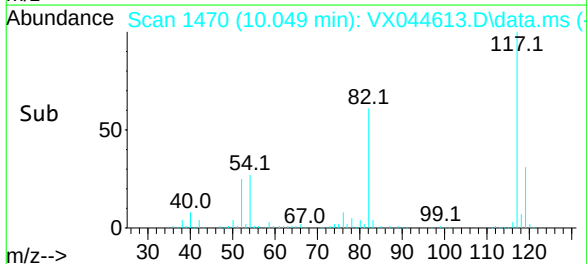
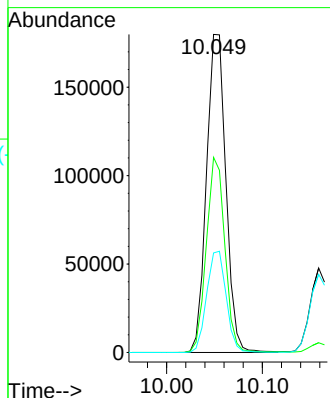
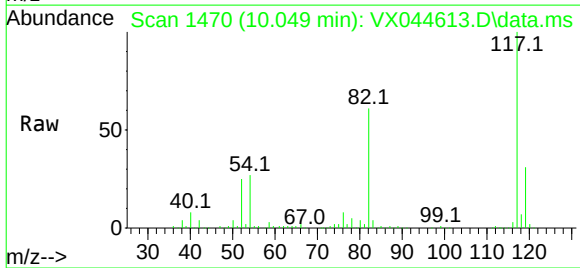
Tgt Ion:	117	Resp:	253685
Ion	Ratio	Lower	Upper
117	100		
82	61.3	47.8	71.6
119	31.3	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#64

Tetrachloroethene

Concen: 47.587 ug/l

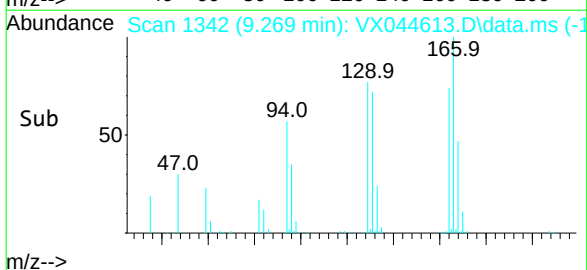
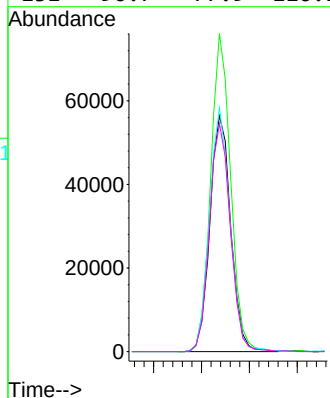
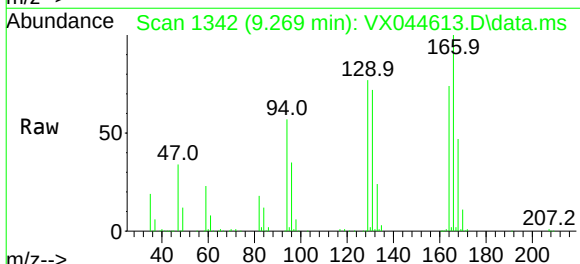
RT: 9.269 min Scan# 1342

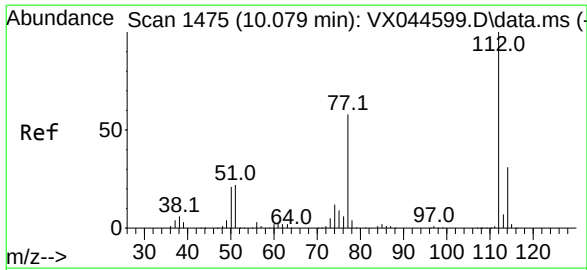
Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:	164	Resp:	85353
Ion	Ratio	Lower	Upper
164	100		
166	135.0	101.5	152.3
129	103.5	78.9	118.3
131	96.7	77.9	116.9





#65

Chlorobenzene

Concen: 51.238 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 275873

Ion Ratio Lower Upper

112 100

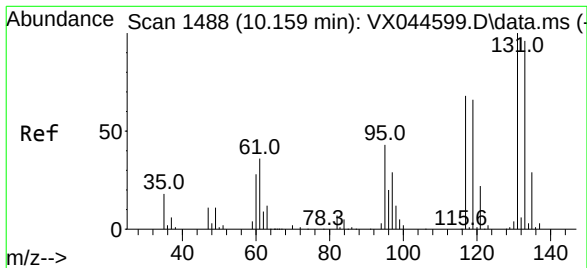
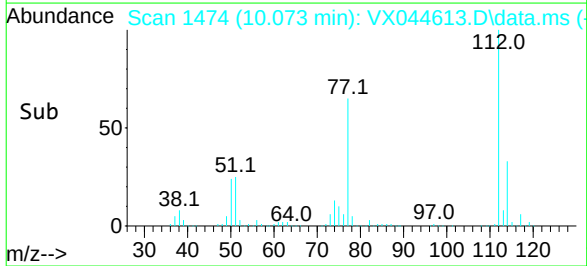
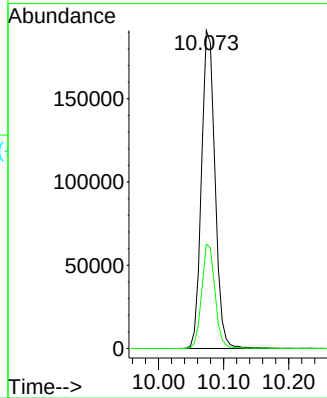
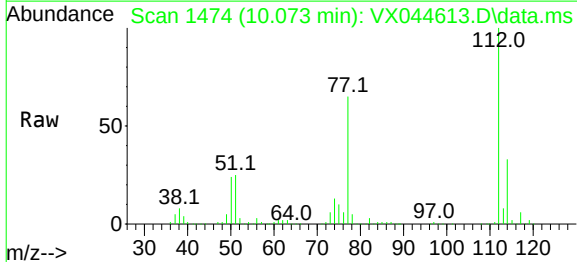
114 32.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 53.429 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

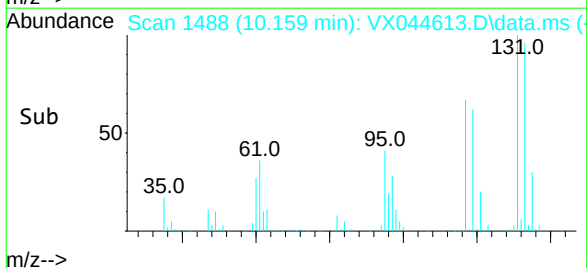
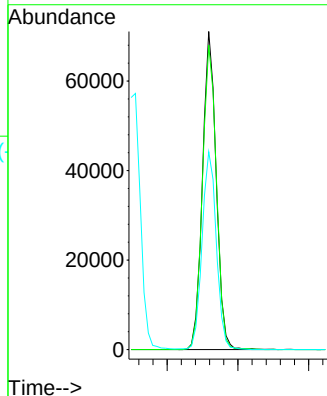
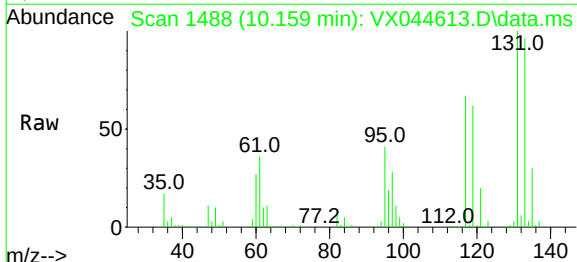
Tgt Ion:131 Resp: 95543

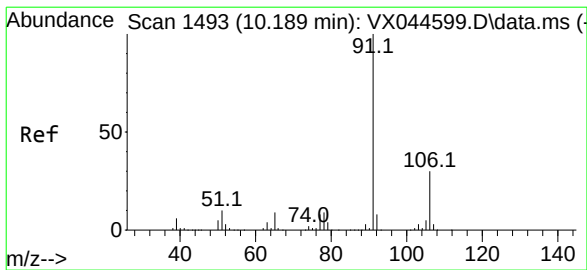
Ion Ratio Lower Upper

131 100

133 97.6 48.0 144.0

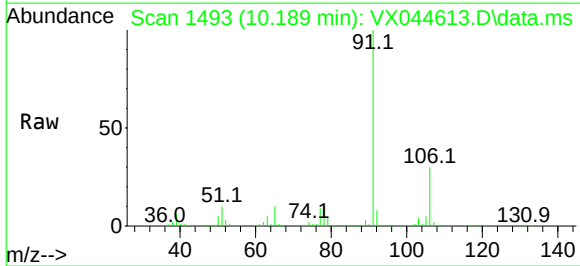
119 64.7 32.8 98.4





#67
Ethyl Benzene
Concen: 53.443 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

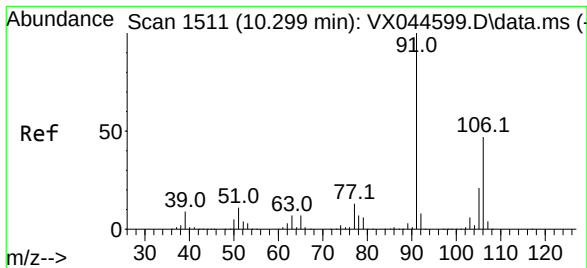
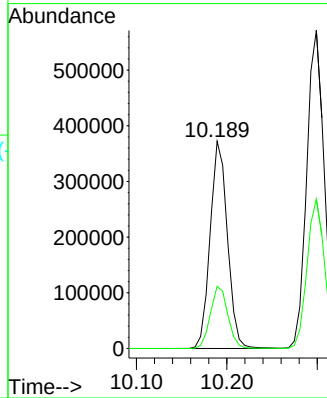
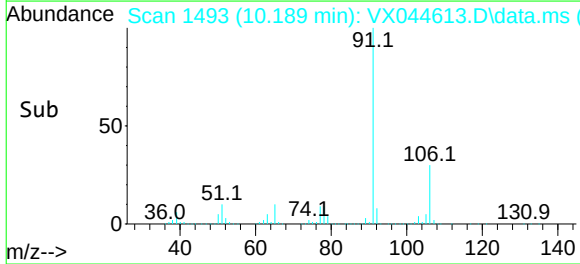
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 494122
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8

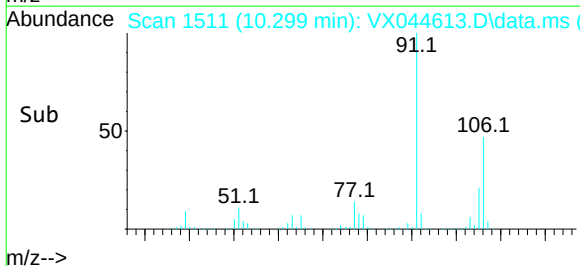
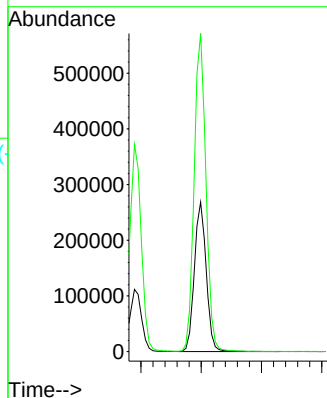
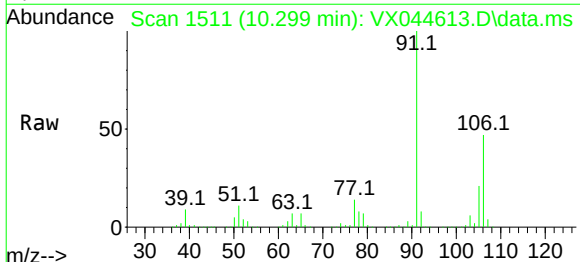
Manual Integrations
APPROVED

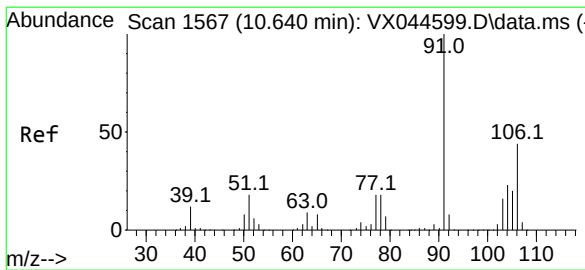
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#68
m/p-Xylenes
Concen: 107.604 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:106 Resp: 365584
Ion Ratio Lower Upper
106 100
91 211.7 170.4 255.6





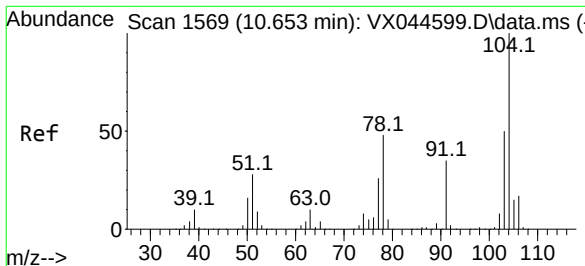
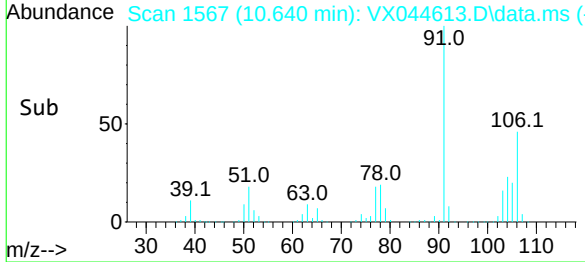
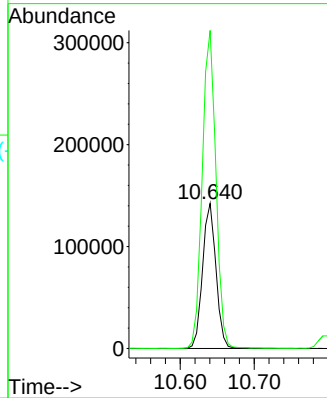
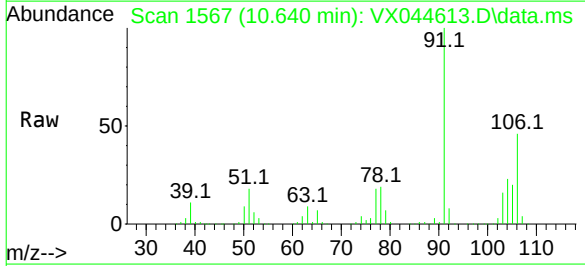
#69
o-Xylene
Concen: 52.289 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 179313
Ion Ratio Lower Upper
106 100
91 223.1 112.3 336.8

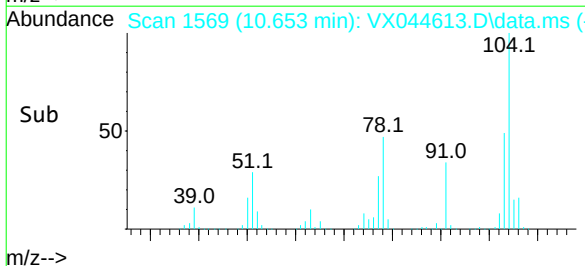
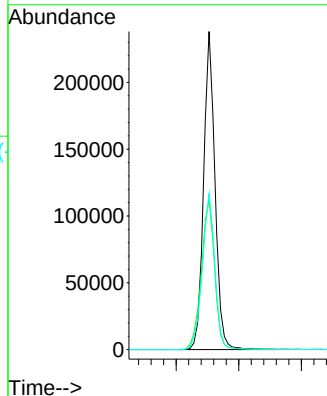
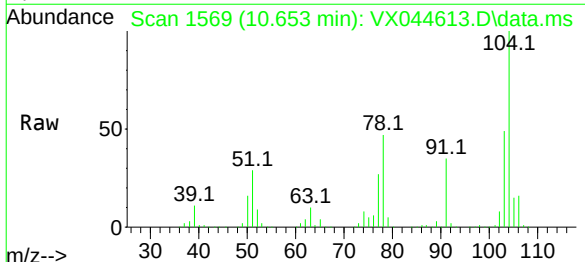
Manual Integrations
APPROVED

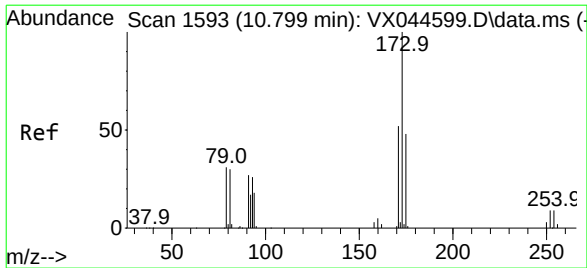
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70
Styrene
Concen: 54.813 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:104 Resp: 300652
Ion Ratio Lower Upper
104 100
78 55.0 44.0 66.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 52.026 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

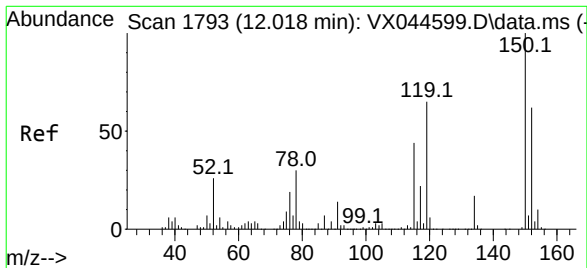
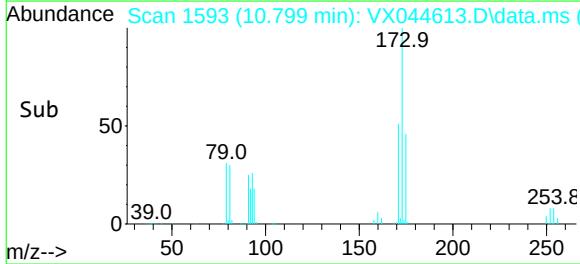
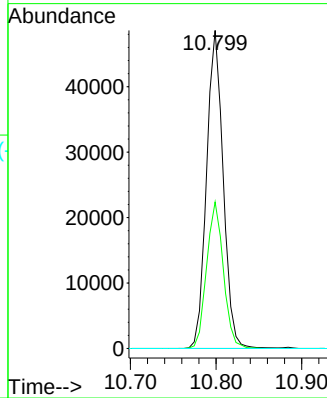
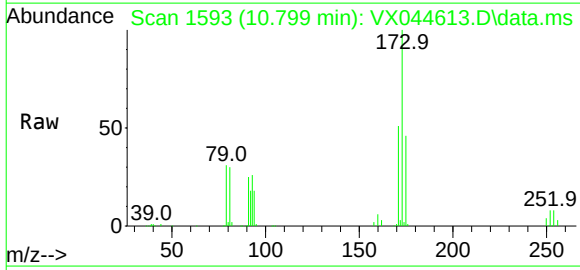
Tgt Ion:	173	Resp:	65460
Ion Ratio	Lower	Upper	
173	100		
175	46.5	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

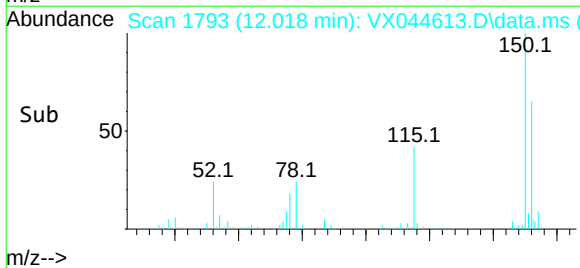
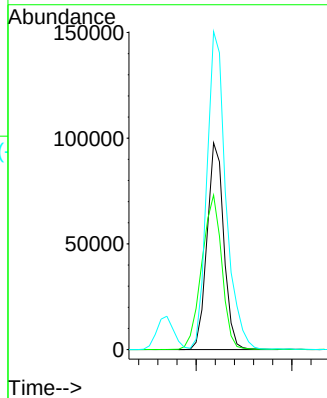
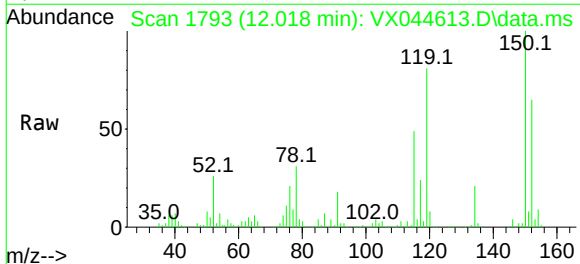
RT: 12.018 min Scan# 1793

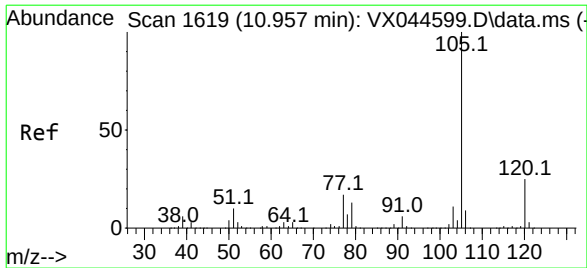
Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:	152	Resp:	118886
Ion Ratio	Lower	Upper	
152	100		
115	89.6	44.4	133.1
150	173.3	0.0	355.0





#73

Isopropylbenzene

Concen: 52.618 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 463455

Ion Ratio Lower Upper

105 100

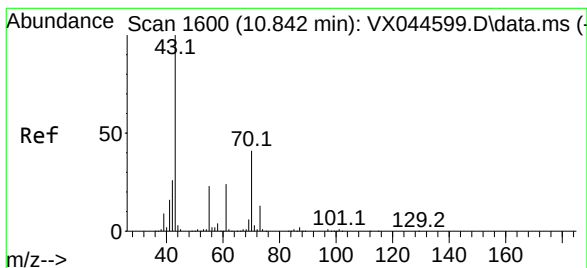
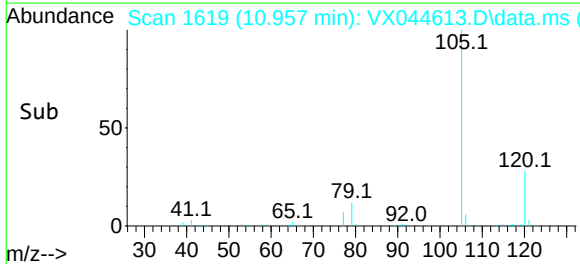
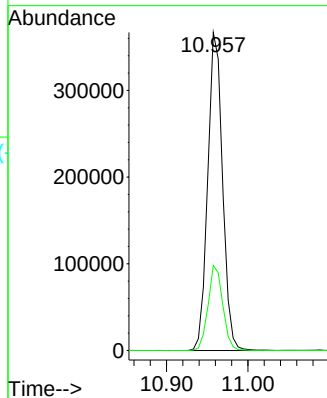
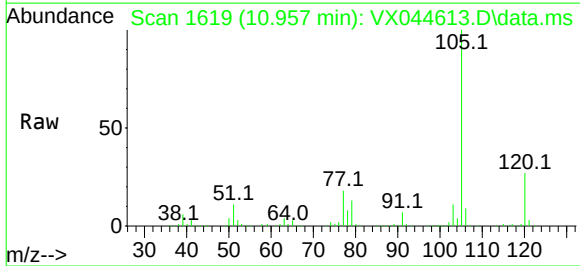
120 26.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

N-ethyl acetate

Concen: 59.395 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion: 43 Resp: 212270

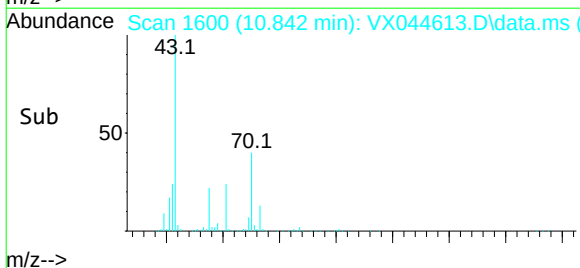
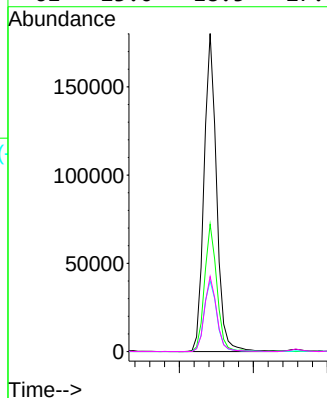
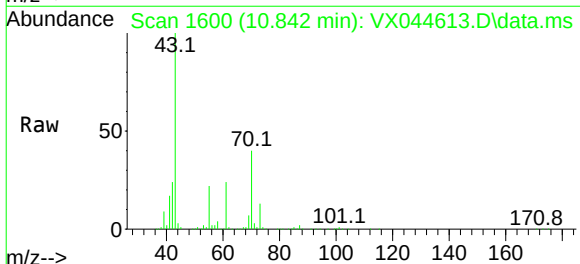
Ion Ratio Lower Upper

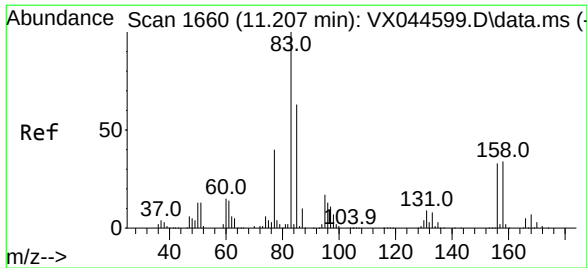
43 100

70 39.5 32.9 49.3

55 22.6 19.0 28.6

61 23.0 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.439 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

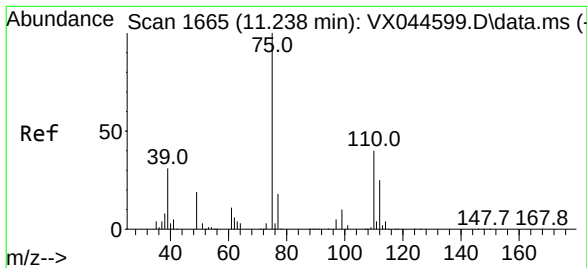
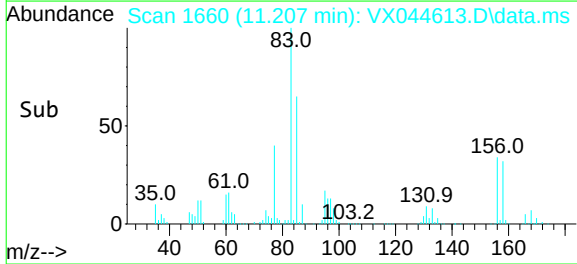
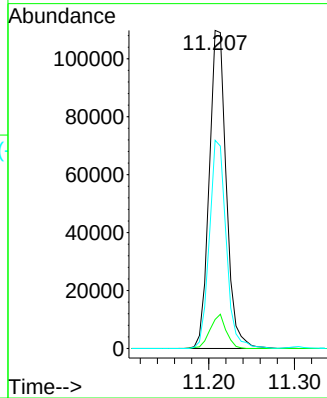
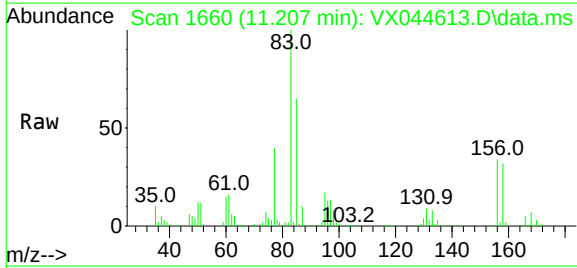
Tgt Ion: 83	Resp: 151715
Ion Ratio	Lower Upper
83 100	
131 10.2	5.0 15.0
85 64.4	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#76

1,2,3-Trichloropropane

Concen: 53.831 ug/l m

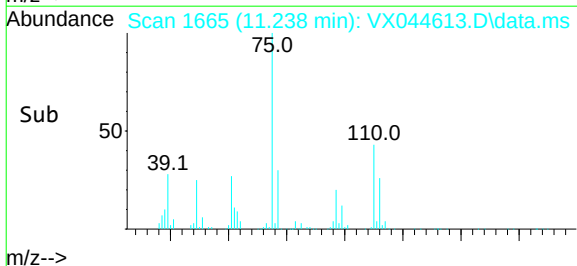
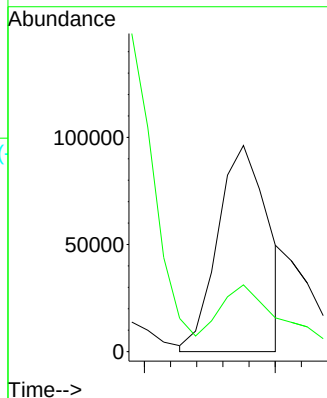
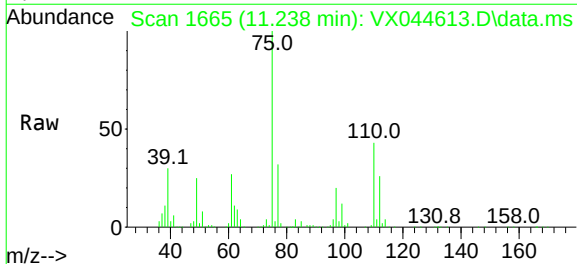
RT: 11.238 min Scan# 1665

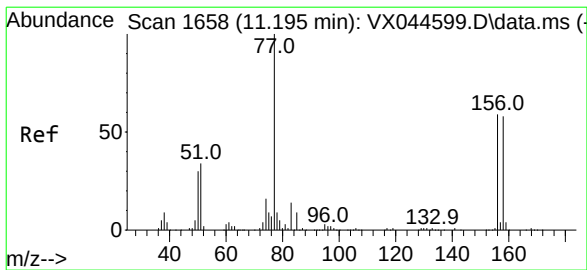
Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion: 75	Resp: 128289
Ion Ratio	Lower Upper
75 100	
77 41.0	21.1 63.1





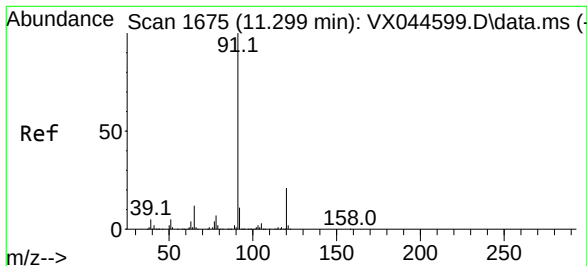
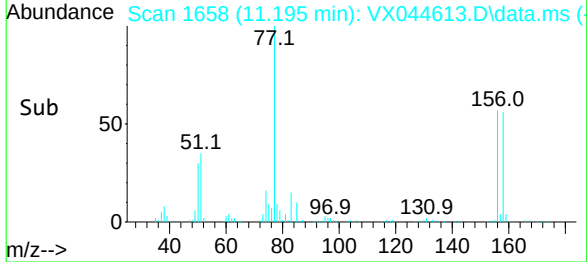
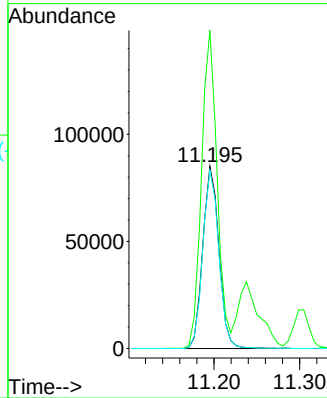
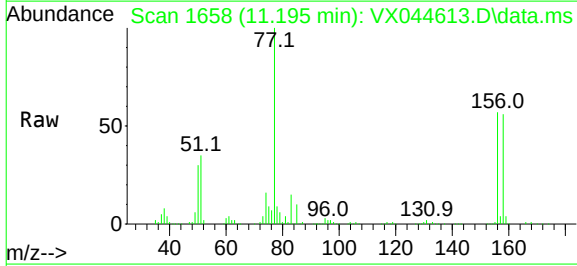
#77
Bromobenzene
Concen: 51.994 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 111248
Ion Ratio Lower Upper
156 100
77 168.9 85.7 257.1
158 97.4 49.9 149.6

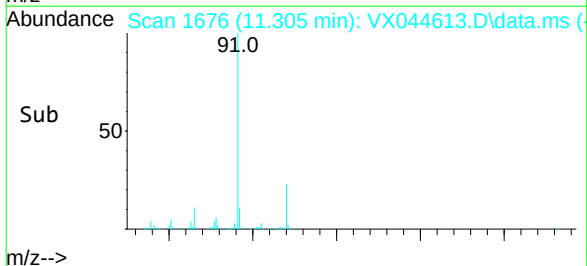
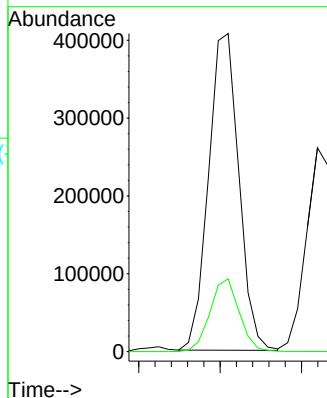
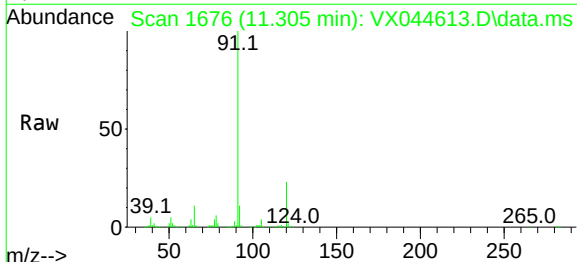
Manual Integrations
APPROVED

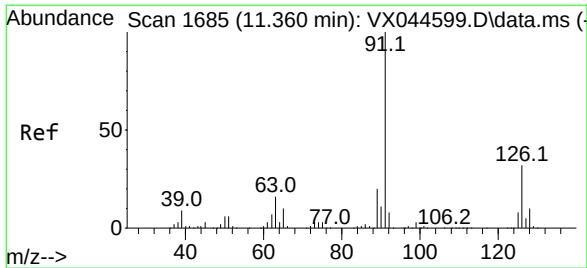
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
n-propylbenzene
Concen: 53.141 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 91 Resp: 527200
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





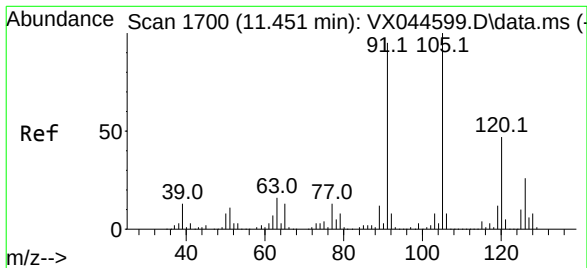
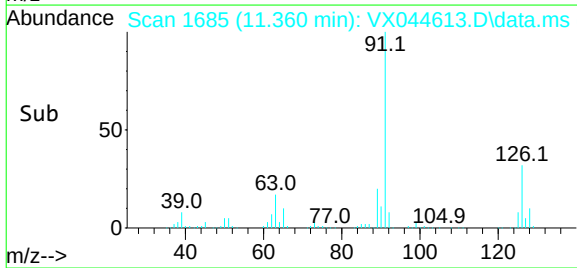
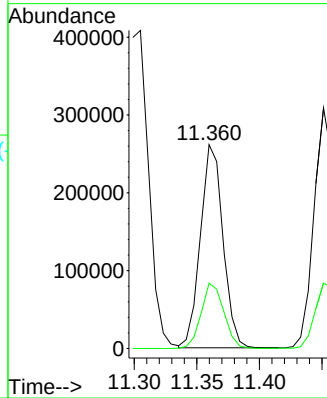
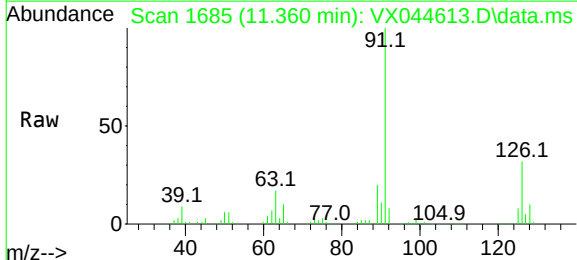
#79
2-Chlorotoluene
Concen: 50.916 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 327328
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.2

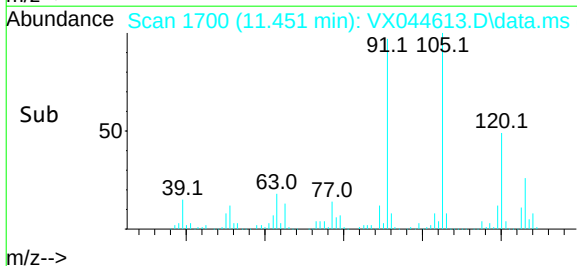
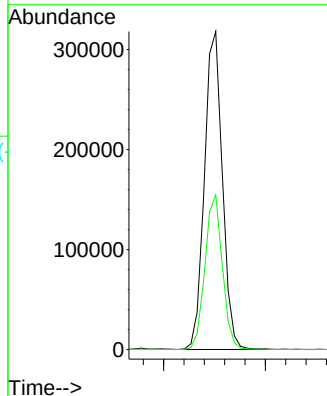
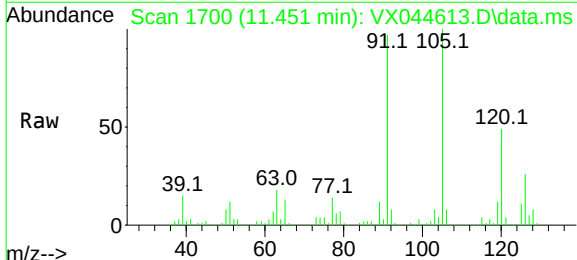
Manual Integrations
APPROVED

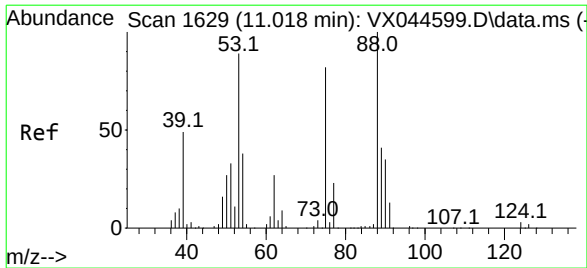
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.347 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:105 Resp: 389590
Ion Ratio Lower Upper
105 100
120 47.1 23.5 70.5





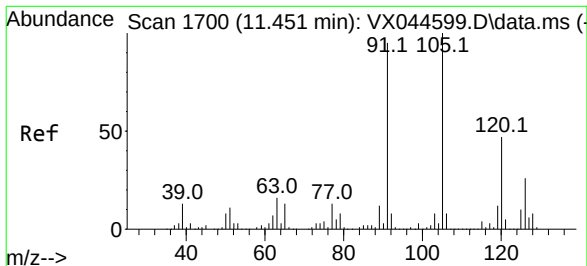
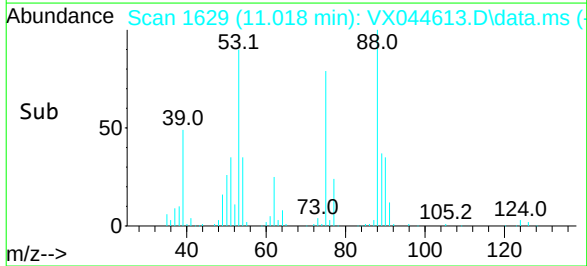
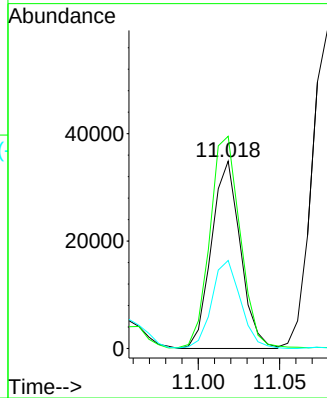
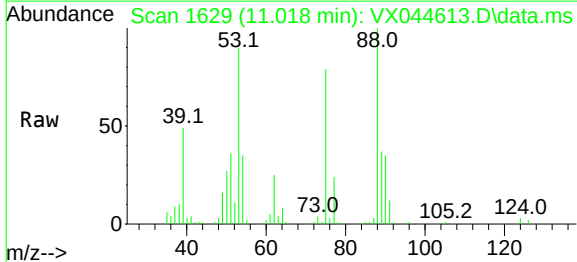
#81
trans-1,4-Dichloro-2-butene
Concen: 55.176 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43198
Ion Ratio Lower Upper
75 100
53 118.4 92.7 139.1
89 47.0 38.3 57.5

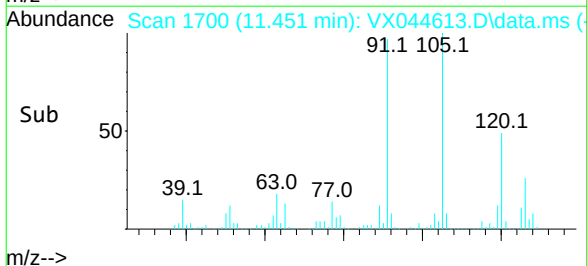
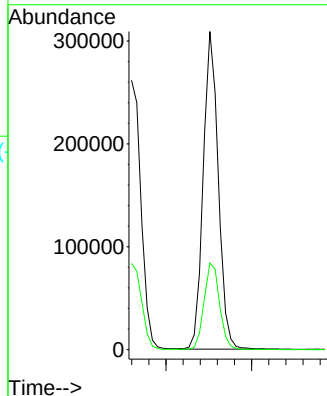
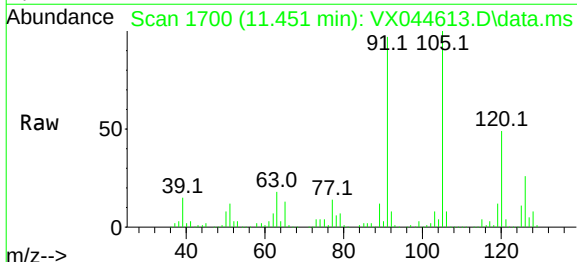
Manual Integrations
APPROVED

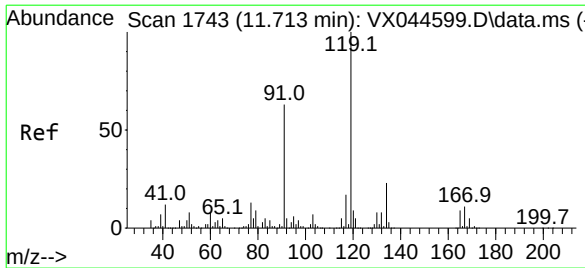
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
4-Chlorotoluene
Concen: 52.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 91 Resp: 376292
Ion Ratio Lower Upper
91 100
126 28.3 14.0 42.0





#83

tert-Butylbenzene

Concen: 53.037 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

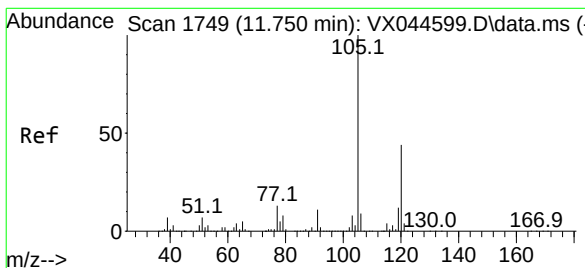
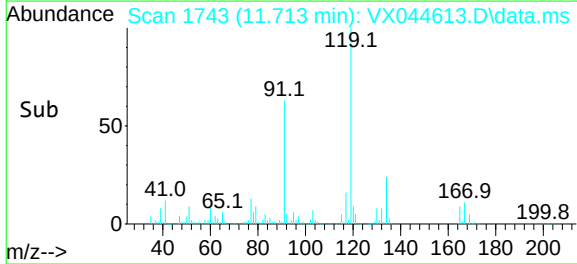
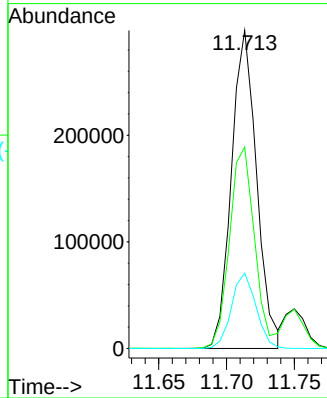
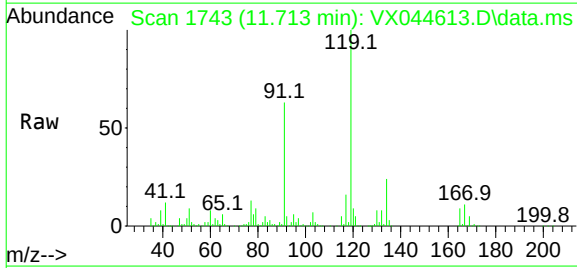
Tgt Ion:	119	Resp:	385674
Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.9	92.8
134	23.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.535 ug/l

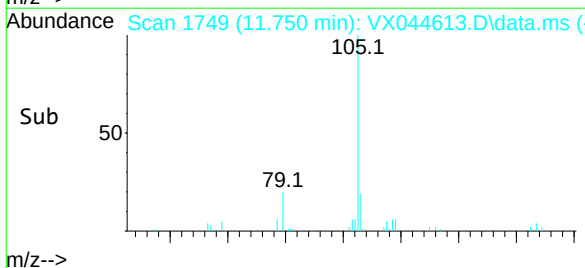
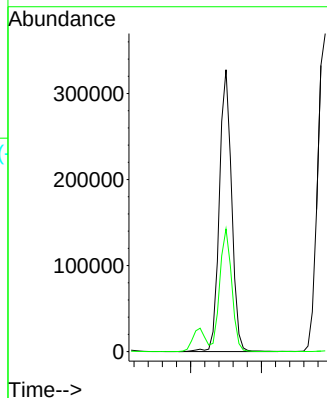
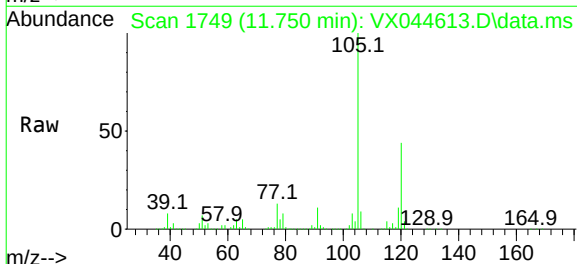
RT: 11.750 min Scan# 1749

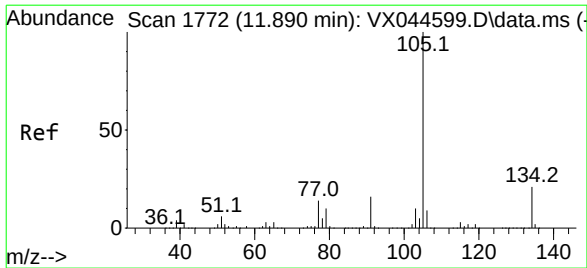
Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:	105	Resp:	392732
Ion	Ratio	Lower	Upper
105	100		
120	42.7	21.9	65.7





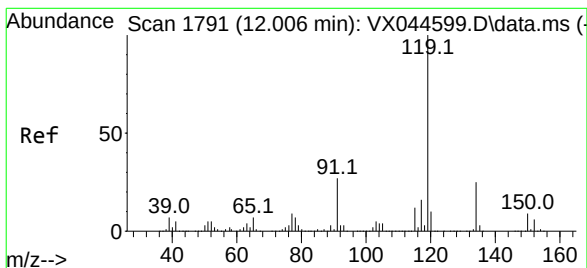
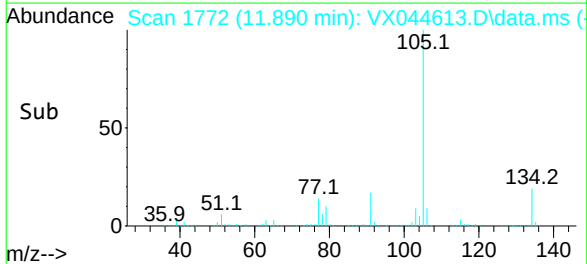
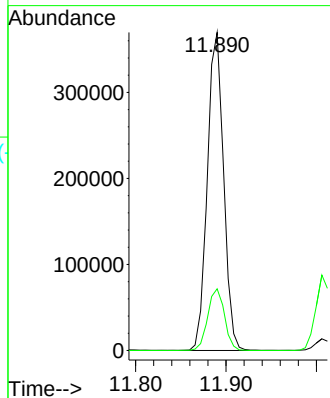
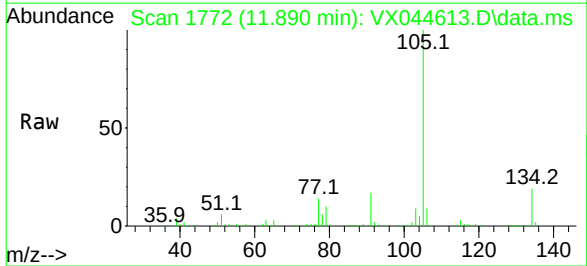
#85
sec-Butylbenzene
Concen: 52.250 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 462731
Ion Ratio Lower Upper
105 100
134 20.0 9.9 29.7

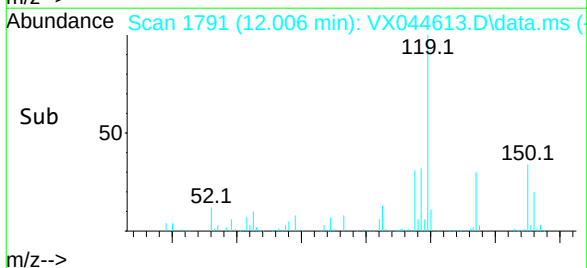
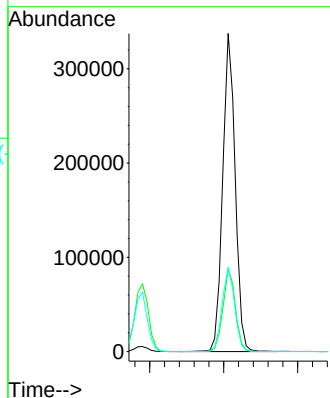
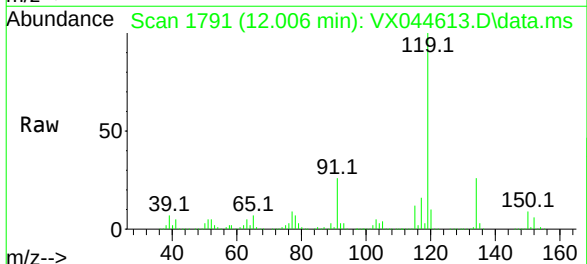
Manual Integrations
APPROVED

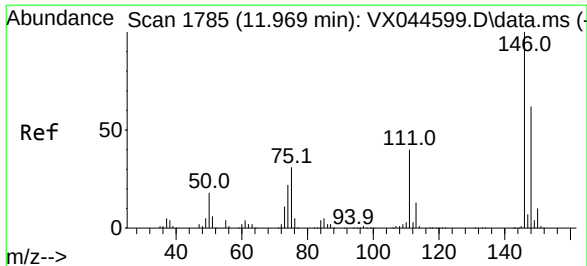
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#86
p-Isopropyltoluene
Concen: 53.119 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion:119 Resp: 394724
Ion Ratio Lower Upper
119 100
134 25.7 12.6 37.8
91 26.3 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 50.880 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 196937

Ion Ratio Lower Upper

146 100

111 42.9 21.0 63.0

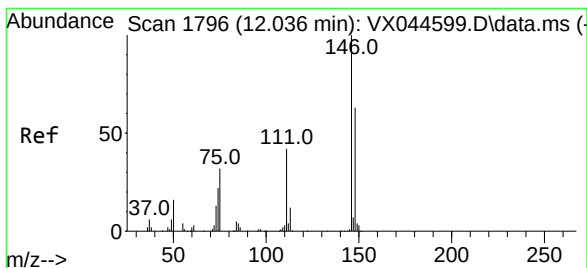
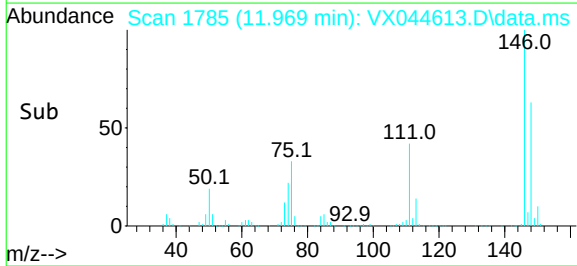
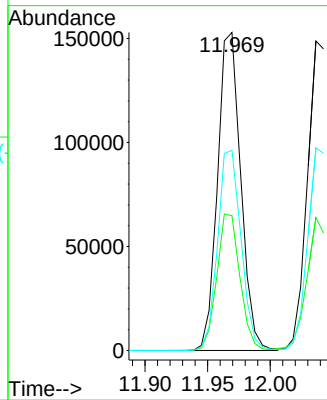
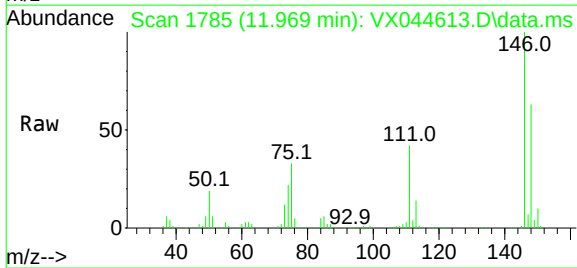
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#88

1,4-Dichlorobenzene

Concen: 48.700 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

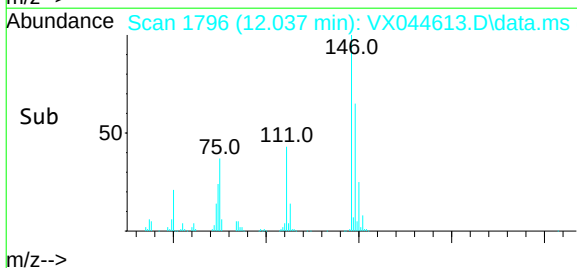
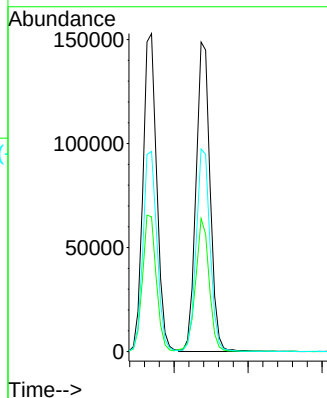
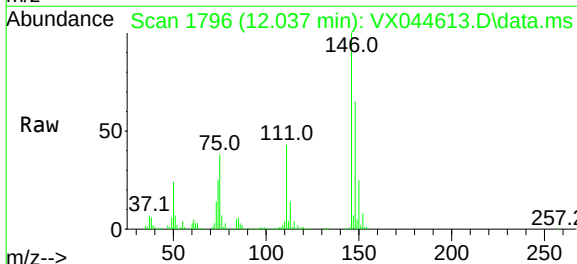
Tgt Ion:146 Resp: 196398

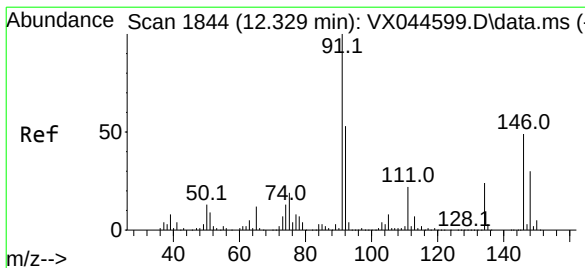
Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

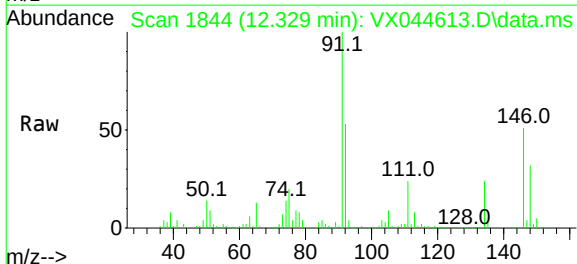
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 53.573 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

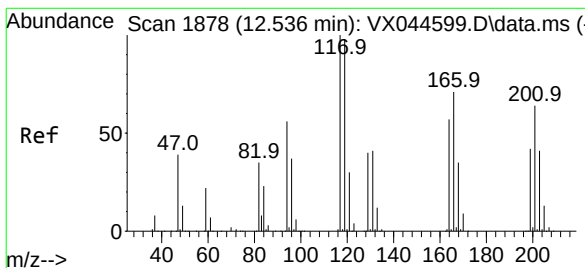
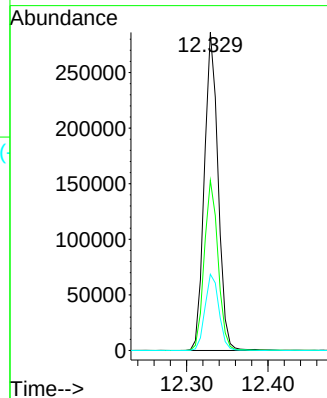
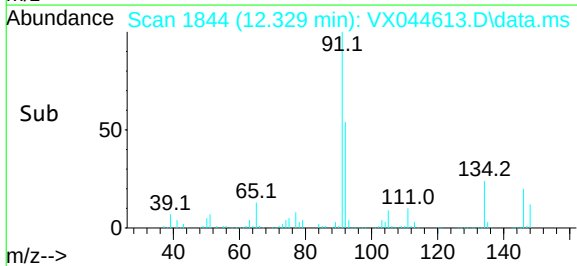
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 336155
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 24.4 12.4 37.2

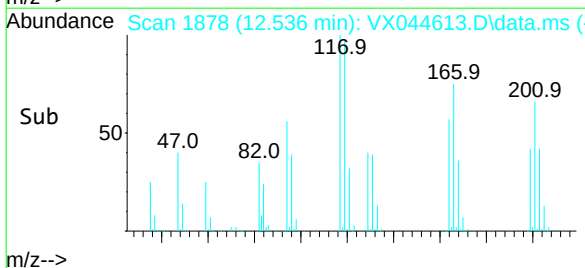
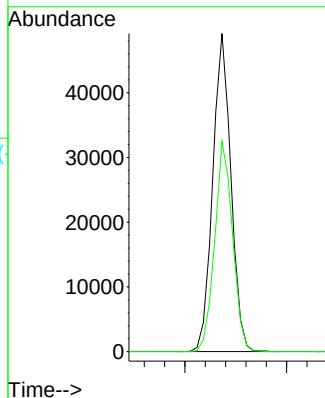
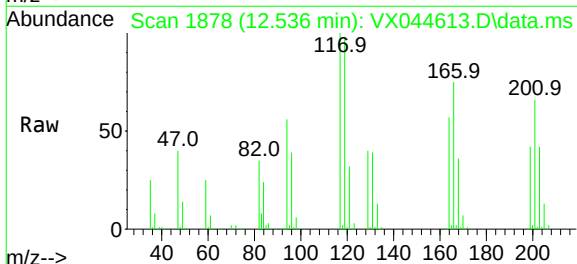
Manual Integrations
APPROVED

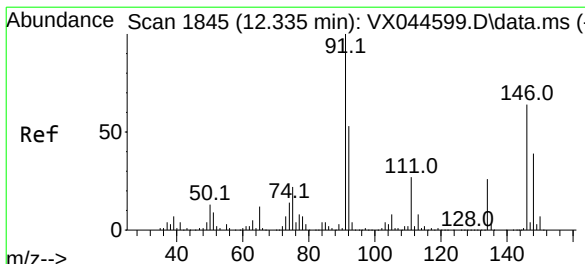
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#90
Hexachloroethane
Concen: 51.076 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

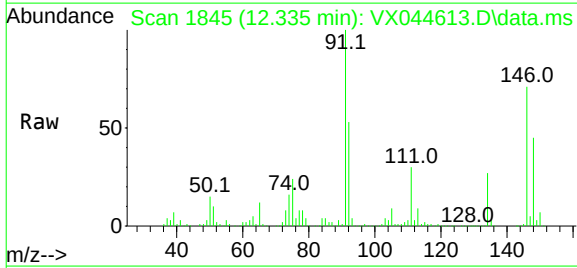
Tgt Ion:117 Resp: 60971
Ion Ratio Lower Upper
117 100
201 65.2 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 51.635 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

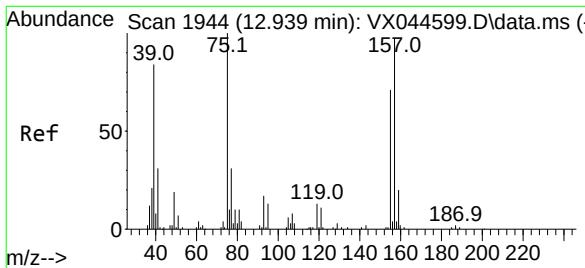
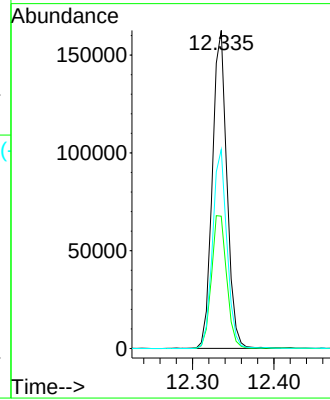
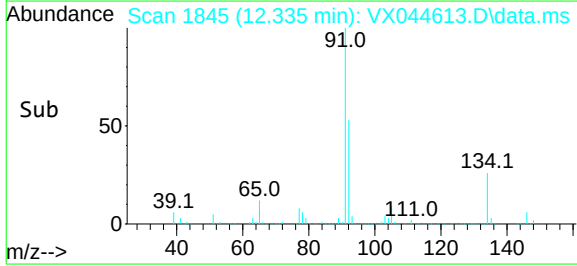
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 201962
Ion Ratio Lower Upper
146 100
111 44.0 21.8 65.4
148 62.0 31.1 93.3

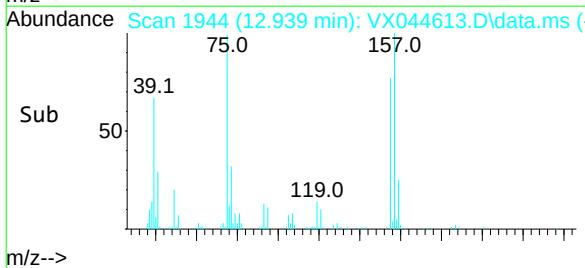
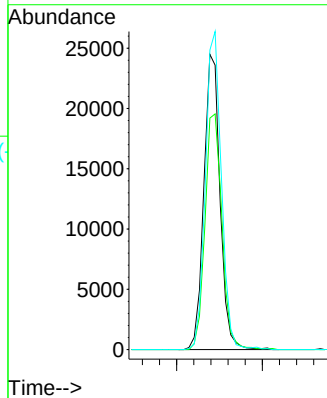
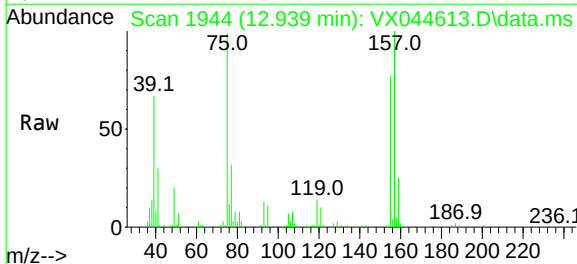
Manual Integrations
APPROVED

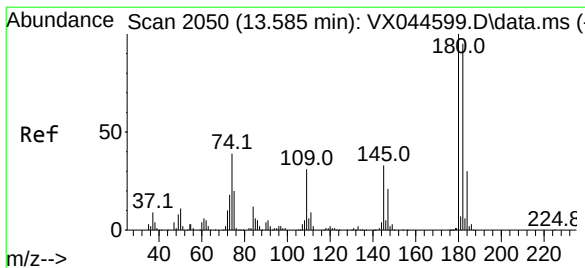
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.698 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044613.D
Acq: 07 Jan 2025 19:37

Tgt Ion: 75 Resp: 32131
Ion Ratio Lower Upper
75 100
155 83.6 37.4 112.1
157 106.3 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 56.469 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 129812

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

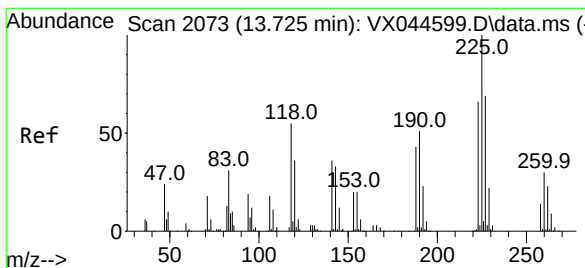
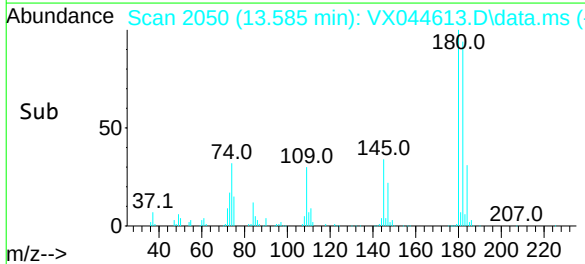
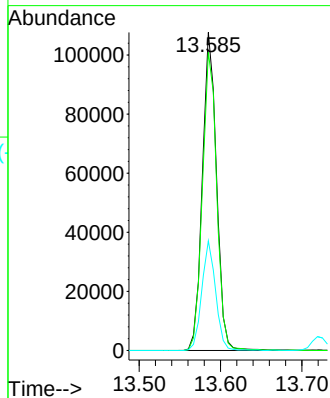
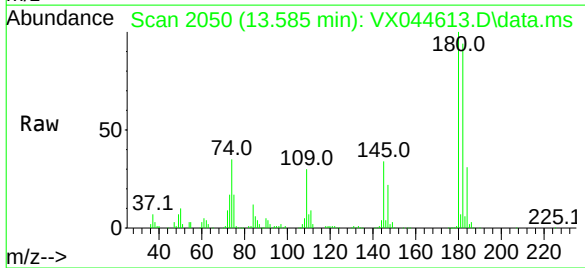
145 33.7 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#94

Hexachlorobutadiene

Concen: 53.233 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

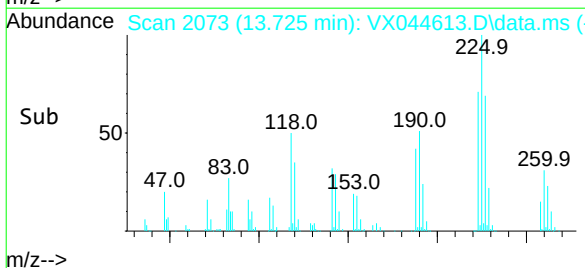
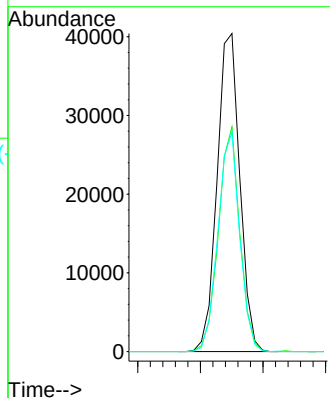
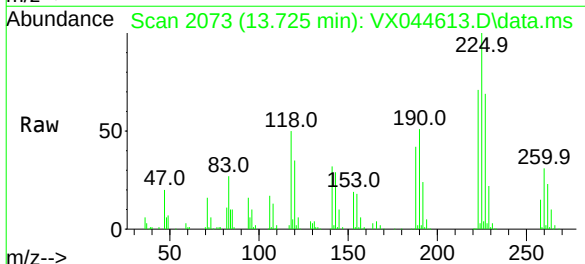
Tgt Ion:225 Resp: 50956

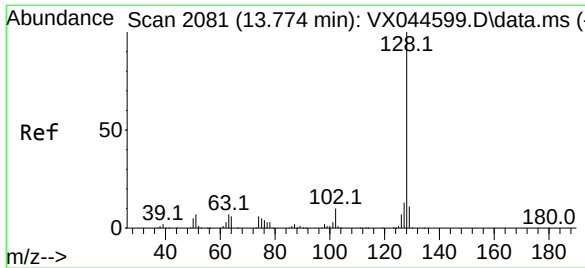
Ion Ratio Lower Upper

225 100

223 66.3 31.6 94.8

227 65.7 31.9 95.9





#95

Naphthalene

Concen: 60.764 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

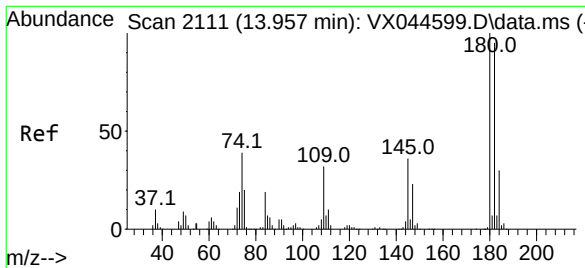
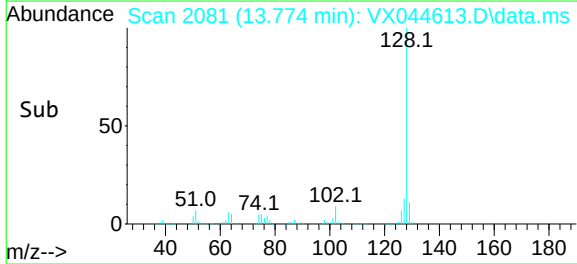
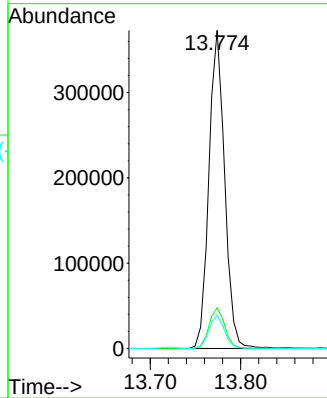
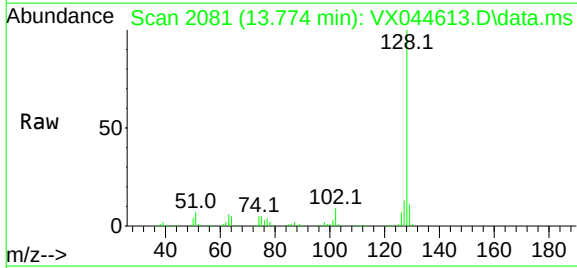
Tgt Ion:	128	Resp:	450708
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 57.677 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:	180	Resp:	135540
Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.6	142.9
145	35.0	17.6	52.9

