

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044600.D
 Acq On : 07 Jan 2025 11:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 08 02:31:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	182288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	310906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	267228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	298512	101.563	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 203.120%#			
35) Dibromofluoromethane	5.379	113	216660	101.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 203.260%#			
50) Toluene-d8	8.647	98	736918	101.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.380%#			
62) 4-Bromofluorobenzene	11.079	95	268349	104.402	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 208.800%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	281621	106.773	ug/l	97
3) Chloromethane	1.294	50	256122	97.445	ug/l	99
4) Vinyl Chloride	1.374	62	253719	102.900	ug/l	100
5) Bromomethane	1.599	94	134602	105.387	ug/l	100
6) Chloroethane	1.666	64	140929	107.665	ug/l	100
7) Trichlorofluoromethane	1.874	101	398258	108.476	ug/l	96
8) Diethyl Ether	2.130	74	137508	105.999	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	217440	103.297	ug/l	100
10) Methyl Iodide	2.447	142	288793	98.385	ug/l	99
11) Tert butyl alcohol	2.995	59	186586	515.545	ug/l	100
12) 1,1-Dichloroethene	2.313	96	206051	101.042	ug/l	97
13) Acrolein	2.233	56	258524	540.255	ug/l	99
14) Allyl chloride	2.660	41	371559	109.554	ug/l	99
15) Acrylonitrile	3.062	53	537482	515.650	ug/l	99
16) Acetone	2.380	43	479188	517.276	ug/l	100
17) Carbon Disulfide	2.508	76	494332	117.230	ug/l	100
18) Methyl Acetate	2.703	43	282139	103.188	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	733689	104.984	ug/l	100
20) Methylene Chloride	2.782	84	229290	97.019	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	214461	102.468	ug/l	95
22) Diisopropyl ether	3.757	45	736946	105.701	ug/l	95
23) Vinyl Acetate	3.715	43	3263158	578.791	ug/l	100
24) 1,1-Dichloroethane	3.605	63	421306	103.707	ug/l	99
25) 2-Butanone	4.556	43	727090	543.775	ug/l	98
26) 2,2-Dichloropropane	4.471	77	373500	106.339	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	259280	101.596	ug/l	99
28) Bromochloromethane	4.891	49	192580	101.838	ug/l	96
29) Tetrahydrofuran	5.001	42	477636	521.636	ug/l	98
30) Chloroform	5.086	83	441057	100.708	ug/l	99
31) Cyclohexane	5.458	56	343501	102.984	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	395161	107.215	ug/l	100
36) 1,1-Dichloropropene	5.684	75	288443	104.631	ug/l	100
37) Ethyl Acetate	4.708	43	305727	108.495	ug/l	99
38) Carbon Tetrachloride	5.672	117	332090	108.573	ug/l	97
39) Methylcyclohexane	7.373	83	368363	104.721	ug/l	99
40) Benzene	6.031	78	870111	100.244	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 01/08/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	172379	113.877	ug/l	97
42) 1,2-Dichloroethane	6.080	62	358563	105.631	ug/l	100
43) Isopropyl Acetate	6.336	43	511813	110.008	ug/l	99
44) Trichloroethene	7.123	130	219638	98.990	ug/l	99
45) 1,2-Dichloropropane	7.421	63	219320	103.636	ug/l	100
46) Dibromomethane	7.574	93	166973	101.452	ug/l	99
47) Bromodichloromethane	7.818	83	329340	109.962	ug/l	99
48) Methyl methacrylate	7.690	41	251364	113.277	ug/l	98
49) 1,4-Dioxane	7.665	88	66197	2030.048	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1483866	545.612	ug/l	100
52) Toluene	8.714	92	537927	102.712	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	334122	116.711	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	357294	111.049	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	202789	98.770	ug/l	98
56) Ethyl methacrylate	9.116	69	336196	112.594	ug/l	99
57) 1,3-Dichloropropane	9.305	76	351820	102.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	820346	554.192	ug/l	99
59) 2-Hexanone	9.427	43	1082252	562.682	ug/l	99
60) Dibromochloromethane	9.519	129	230891	112.783	ug/l	99
61) 1,2-Dibromoethane	9.604	107	213851	103.131	ug/l	98
64) Tetrachloroethene	9.269	164	180662	95.619	ug/l	97
65) Chlorobenzene	10.073	112	567868	100.126	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	202443	107.471	ug/l	99
67) Ethyl Benzene	10.189	91	1012626	103.973	ug/l	98
68) m/p-Xylenes	10.299	106	759829	212.310	ug/l	98
69) o-Xylene	10.640	106	370442	102.549	ug/l	99
70) Styrene	10.653	104	631408	109.281	ug/l	100
71) Bromoform	10.799	173	144682	100.045	ug/l #	99
73) Isopropylbenzene	10.957	105	962130	100.962	ug/l	100
74) N-amyl acetate	10.842	43	448832	116.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	300014	97.671	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	256224m	99.370	ug/l	
77) Bromobenzene	11.195	156	229880	99.301	ug/l	99
78) n-propylbenzene	11.305	91	1123872	104.704	ug/l	99
79) 2-Chlorotoluene	11.360	91	676433	97.250	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	812896	102.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	96267	113.646	ug/l	98
82) 4-Chlorotoluene	11.451	91	788178	100.727	ug/l	99
83) tert-Butylbenzene	11.713	119	802790	102.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	810865	102.161	ug/l	100
85) sec-Butylbenzene	11.890	105	988328	103.145	ug/l	100
86) p-Isopropyltoluene	12.006	119	848479	105.534	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	419032	100.060	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	421191	96.532	ug/l	99
89) n-Butylbenzene	12.329	91	765855	112.811	ug/l	99
90) Hexachloroethane	12.536	117	143461	111.076	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	414572	97.964	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	66164	113.620	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	263479	105.934	ug/l	100
94) Hexachlorobutadiene	13.725	225	105982	102.333	ug/l	99
95) Naphthalene	13.774	128	884039	110.159	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	262997	103.439	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICC100

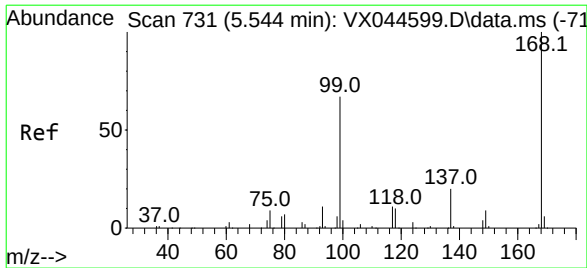
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/08/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
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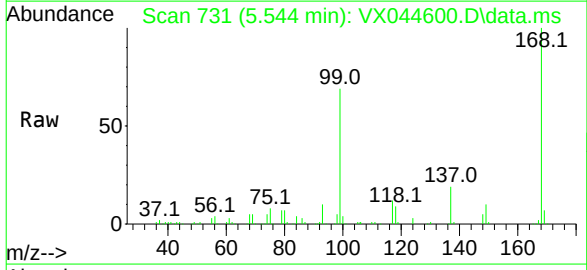
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

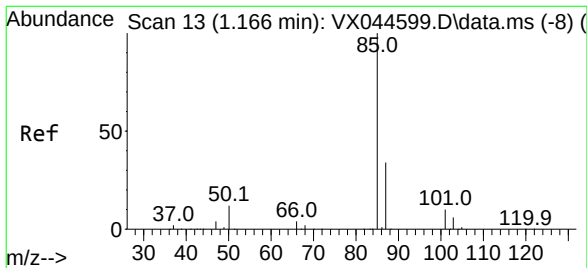
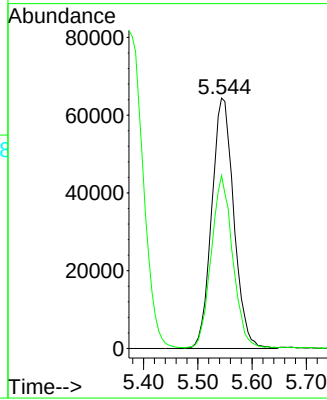
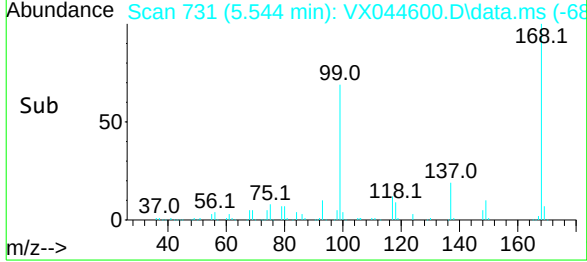
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 182288
Ion Ratio Lower Upper
168 100
99 68.8 53.5 80.3

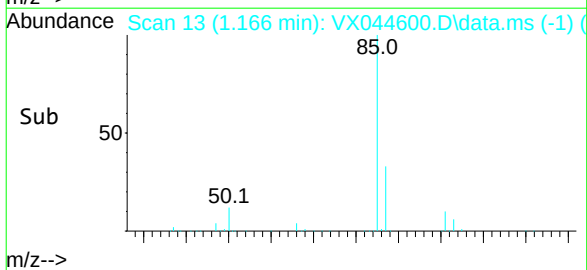
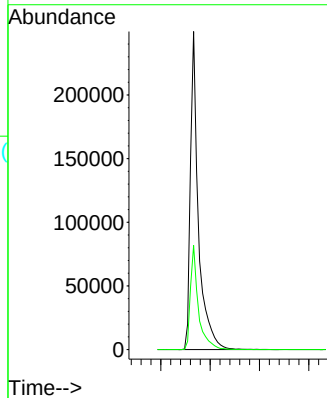
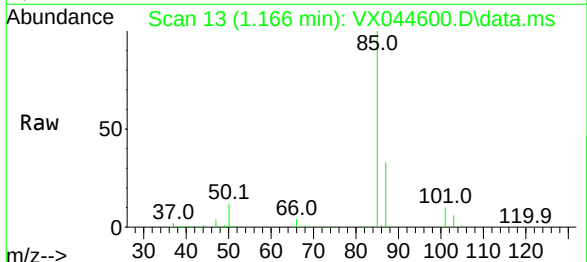
Manual Integrations
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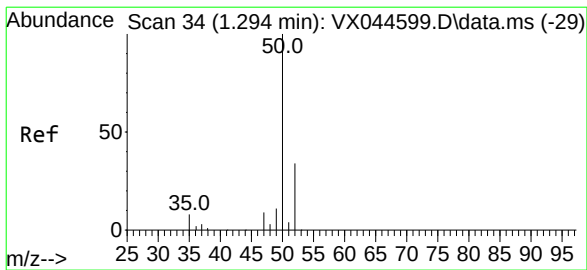
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#2
Dichlorodifluoromethane
Concen: 106.773 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 85 Resp: 281621
Ion Ratio Lower Upper
85 100
87 32.8 17.2 51.5





#3

Chloromethane

Concen: 97.445 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044600.D

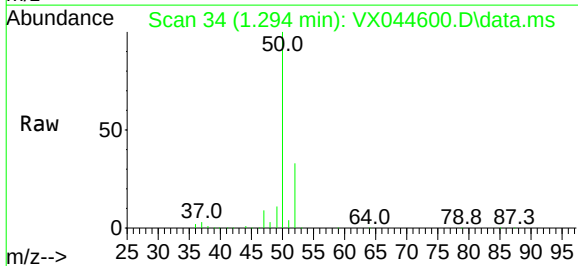
Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion: 50 Resp: 256122

Ion Ratio Lower Upper

50 100

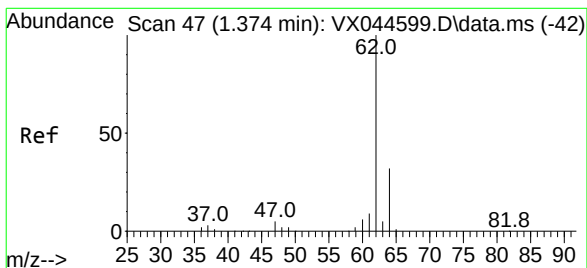
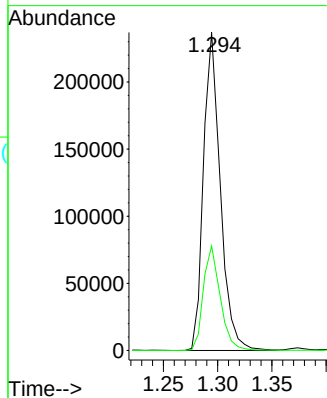
52 32.9 27.0 40.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 102.900 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044600.D

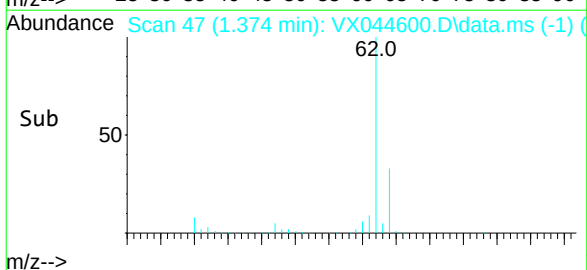
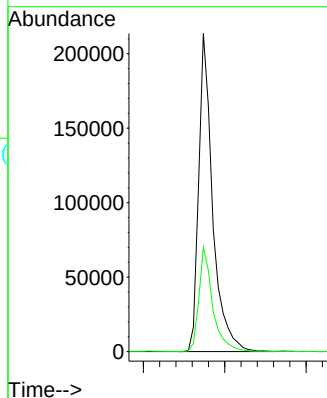
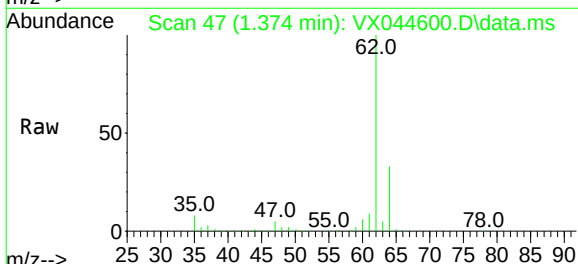
Acq: 07 Jan 2025 11:37

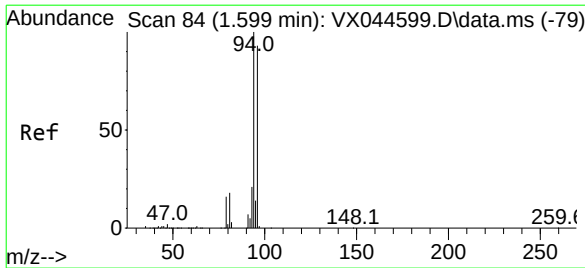
Tgt Ion: 62 Resp: 253719

Ion Ratio Lower Upper

62 100

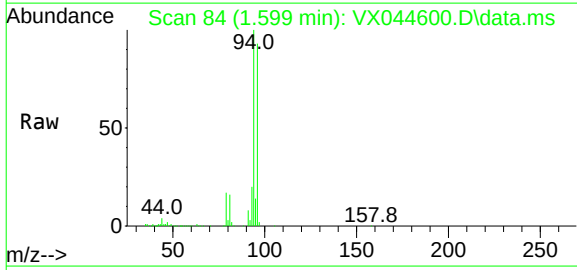
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 105.387 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

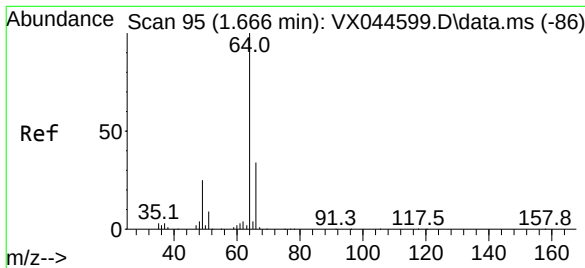
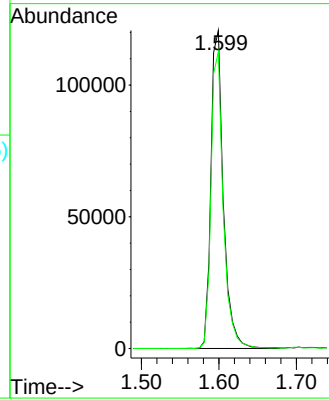
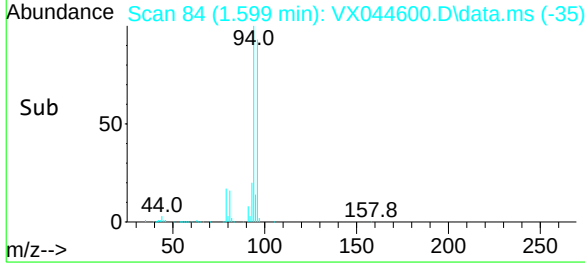
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 134602
Ion Ratio Lower Upper
94 100
96 93.3 74.6 112.0

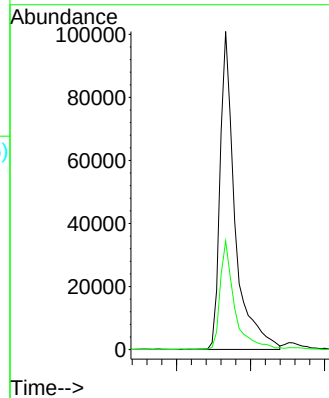
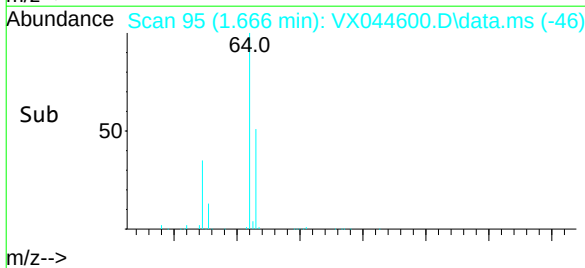
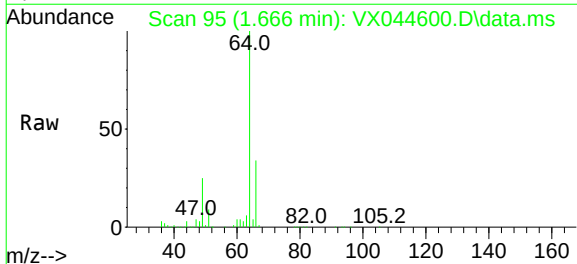
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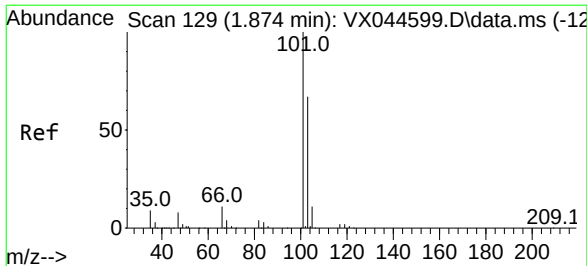
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#6
Chloroethane
Concen: 107.665 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

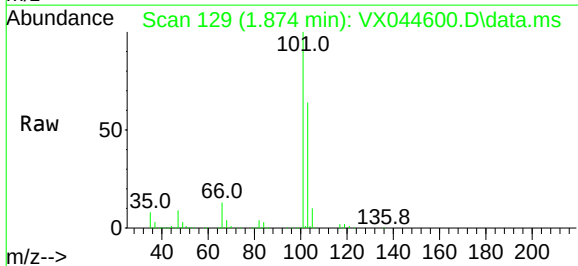
Tgt Ion: 64 Resp: 140929
Ion Ratio Lower Upper
64 100
66 34.0 27.3 40.9





#7
 Trichlorofluoromethane
 Concen: 108.476 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

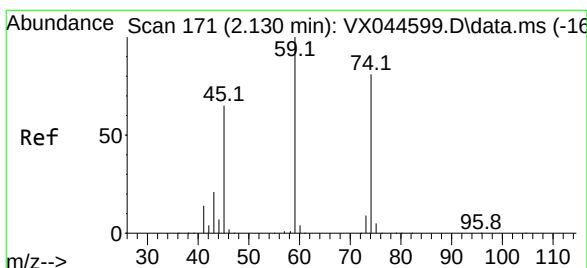
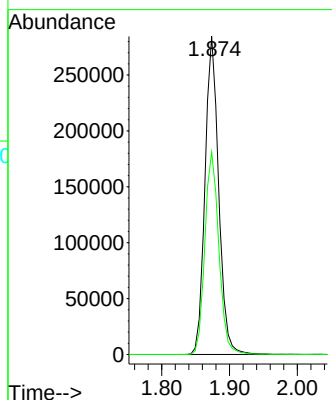
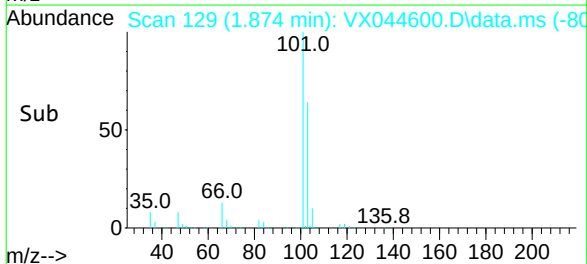
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion:101 Resp: 398258
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.3 79.9

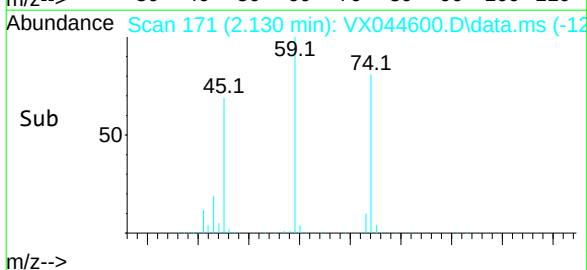
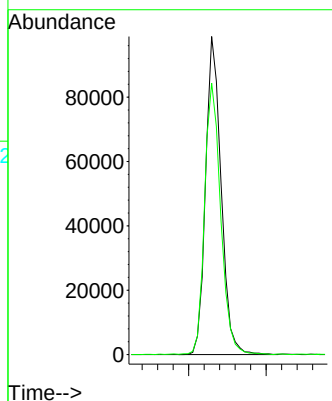
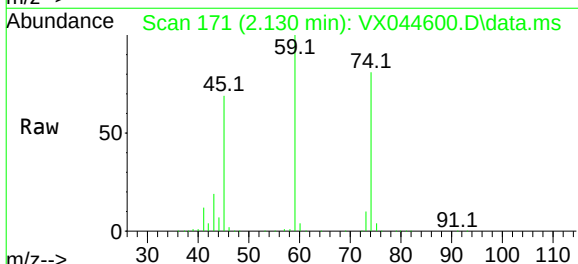
Manual Integrations
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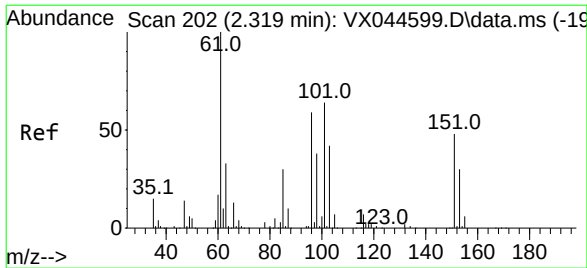
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#8
 Diethyl Ether
 Concen: 105.999 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

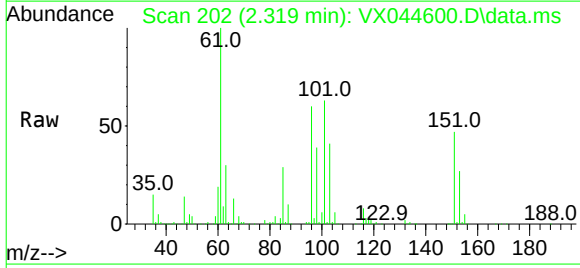
Tgt Ion: 74 Resp: 137508
 Ion Ratio Lower Upper
 74 100
 45 88.8 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.297 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

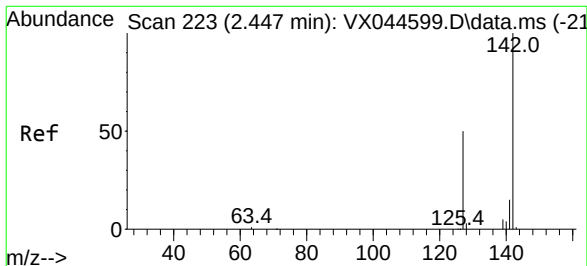
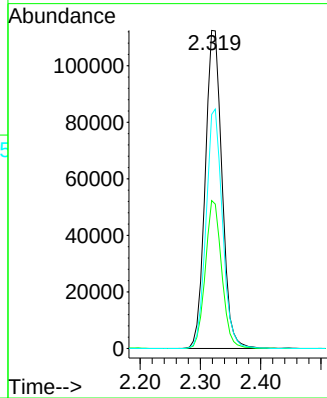
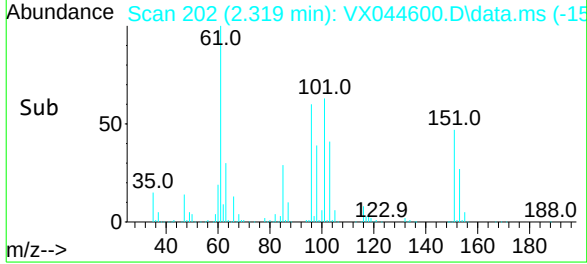
Instrument :
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Tgt Ion:101 Resp: 217440
Ion Ratio Lower Upper
101 100
85 45.4 36.5 54.7
151 73.4 58.6 87.8

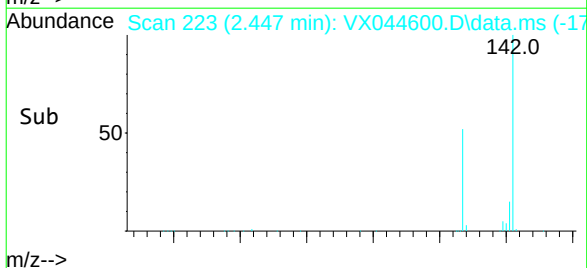
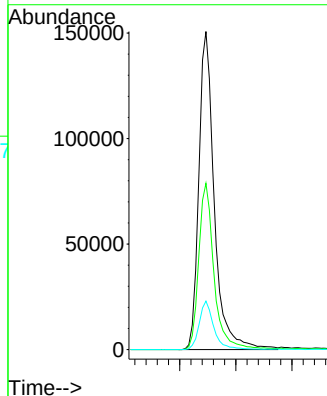
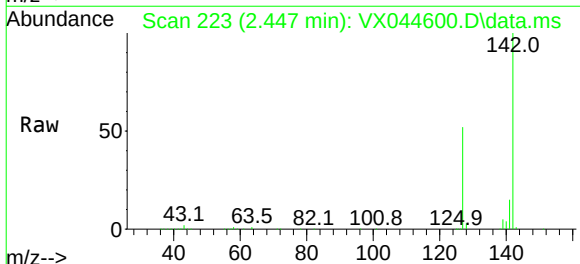
Manual Integrations
APPROVED

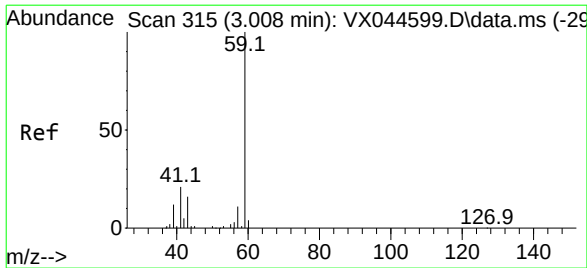
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#10
Methyl Iodide
Concen: 98.385 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:142 Resp: 288793
Ion Ratio Lower Upper
142 100
127 51.7 41.9 62.9
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 515.545 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 186586

Ion Ratio Lower Upper

59 100

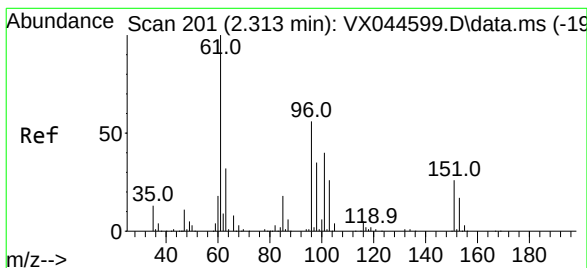
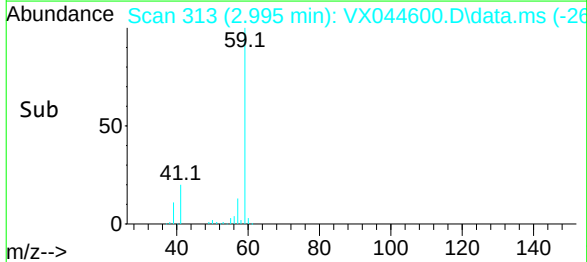
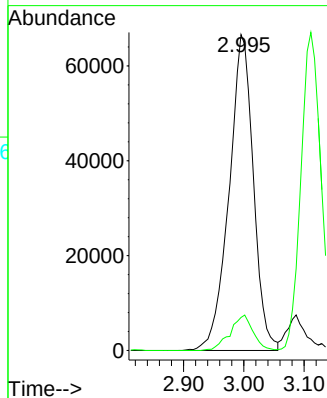
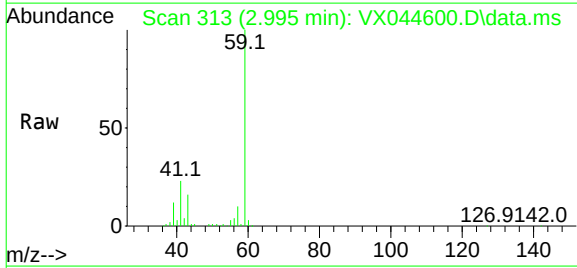
57 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#12

1,1-Dichloroethene

Concen: 101.042 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

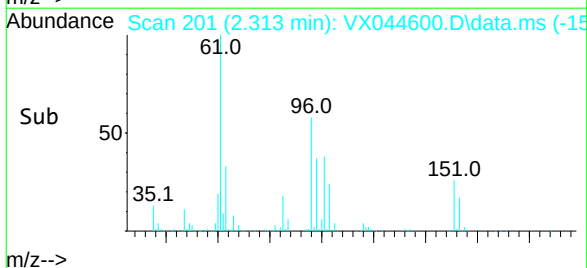
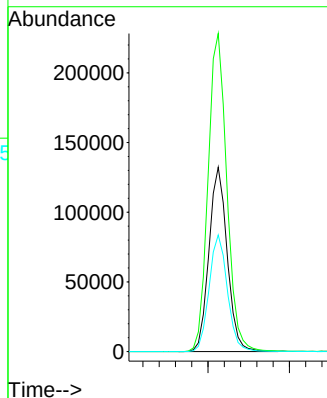
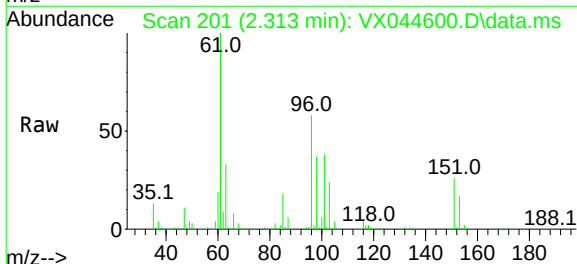
Tgt Ion: 96 Resp: 206051

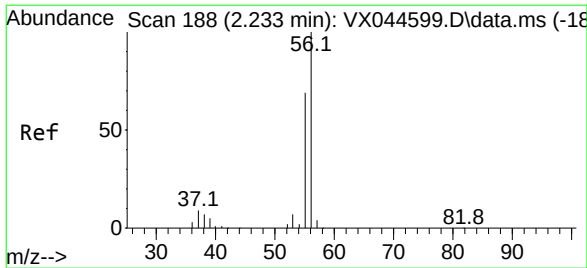
Ion Ratio Lower Upper

96 100

61 172.5 143.3 214.9

98 63.3 50.6 76.0





#13

Acrolein

Concen: 540.255 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 258524

Ion Ratio Lower Upper

56 100

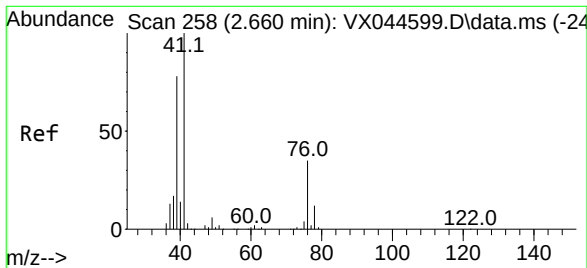
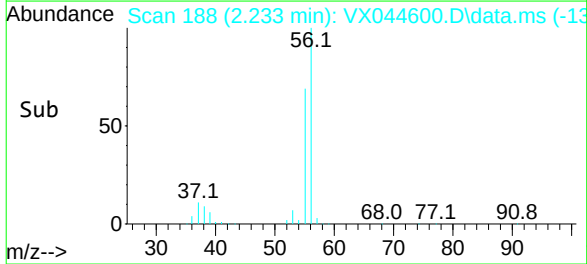
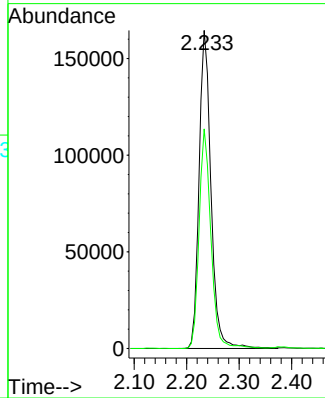
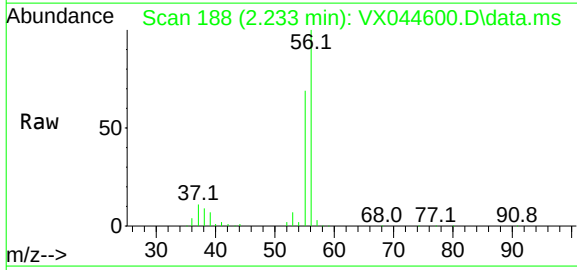
55 69.0 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#14

Allyl chloride

Concen: 109.554 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

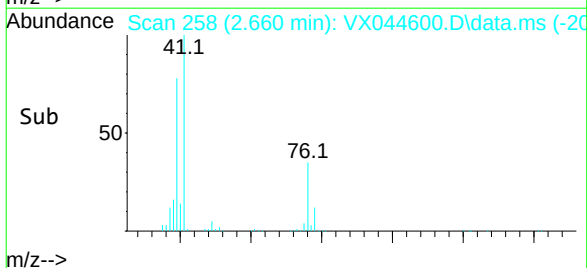
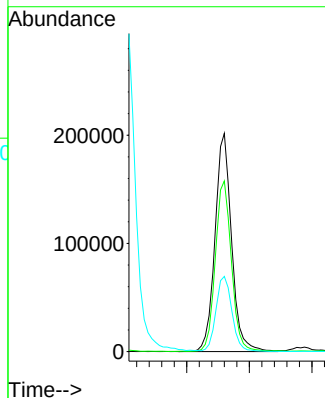
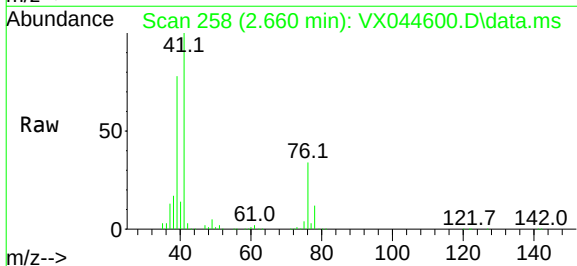
Tgt Ion: 41 Resp: 371559

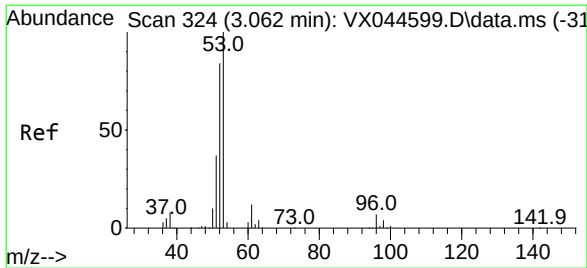
Ion Ratio Lower Upper

41 100

39 75.6 60.2 90.2

76 33.2 25.9 38.9





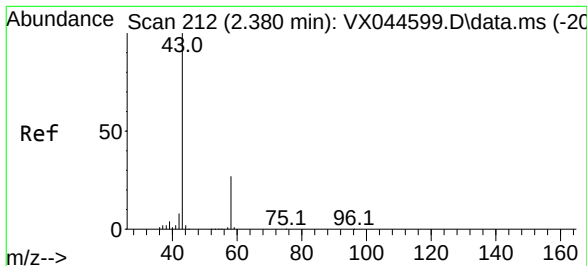
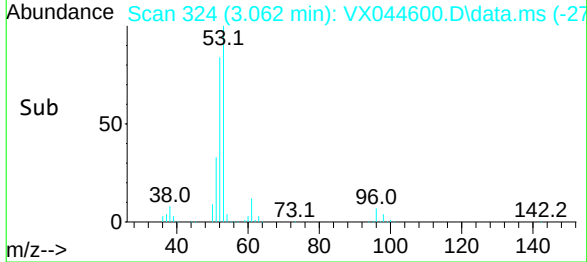
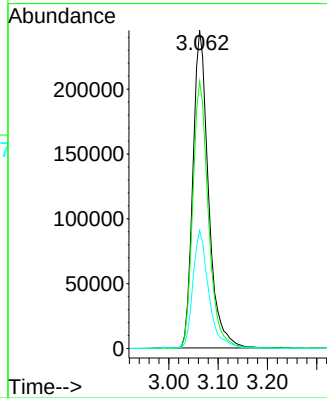
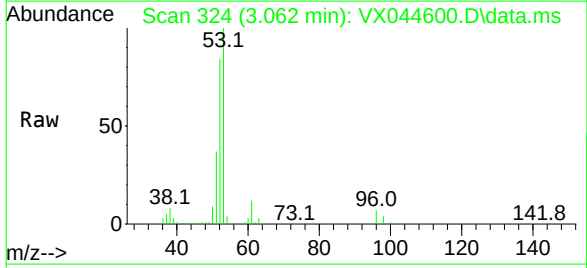
#15
Acrylonitrile
Concen: 515.650 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 537482
Ion Ratio Lower Upper
53 100
52 84.2 67.0 100.6
51 37.3 29.4 44.0

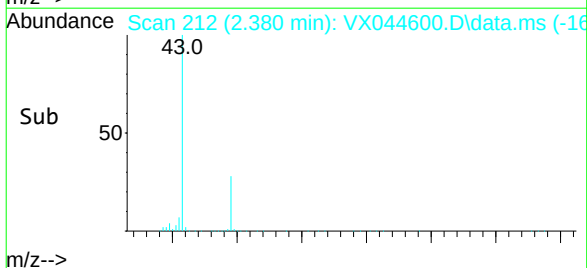
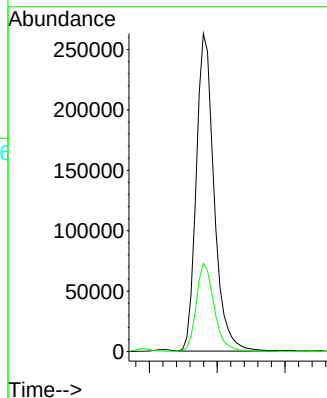
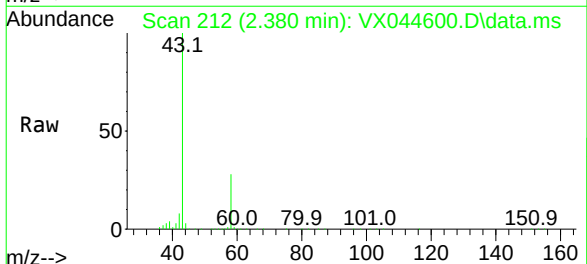
Manual Integrations
APPROVED

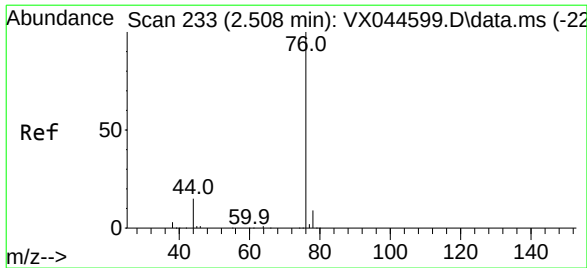
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#16
Acetone
Concen: 517.276 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

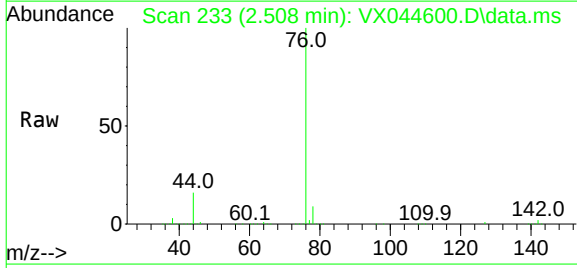
Tgt Ion: 43 Resp: 479188
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0





#17
Carbon Disulfide
Concen: 117.230 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

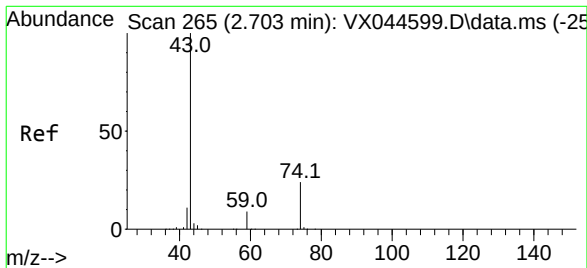
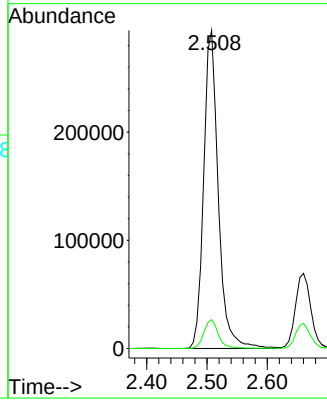
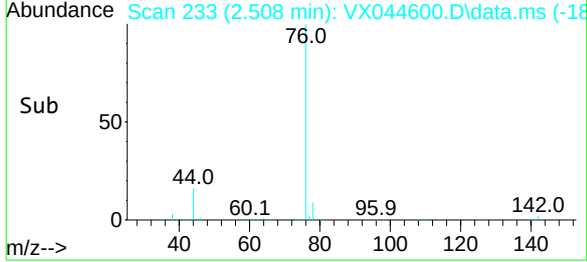
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 494332
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

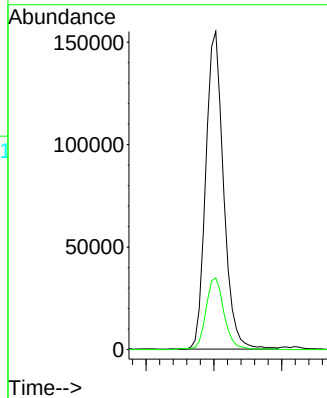
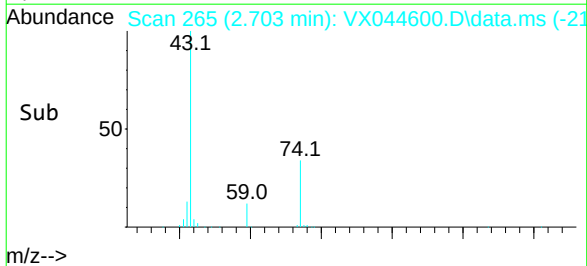
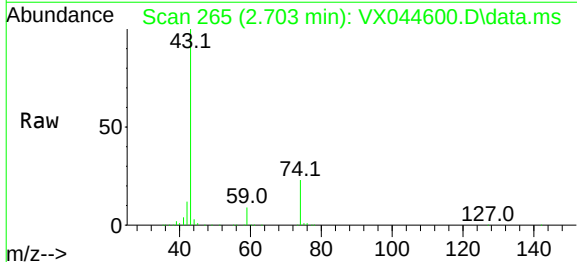
Manual Integrations
APPROVED

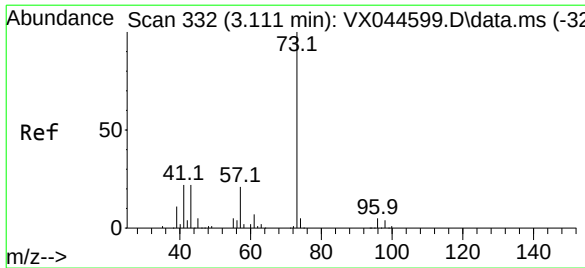
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#18
Methyl Acetate
Concen: 103.188 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 43 Resp: 282139
Ion Ratio Lower Upper
43 100
74 23.1 19.3 28.9





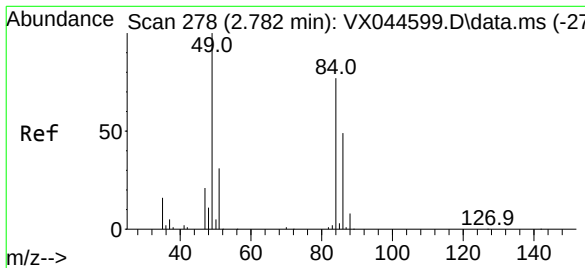
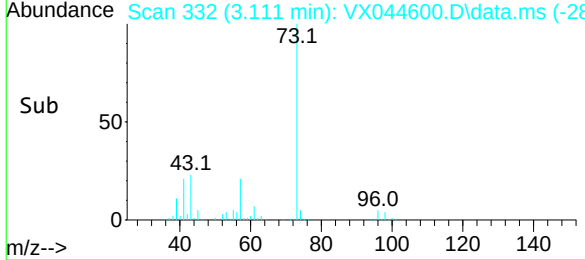
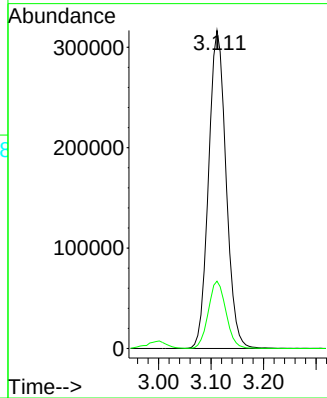
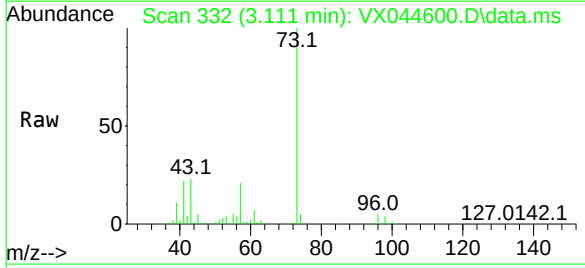
#19
Methyl tert-butyl Ether
Concen: 104.984 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 733689
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.4

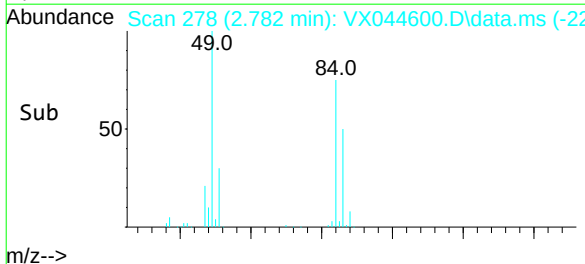
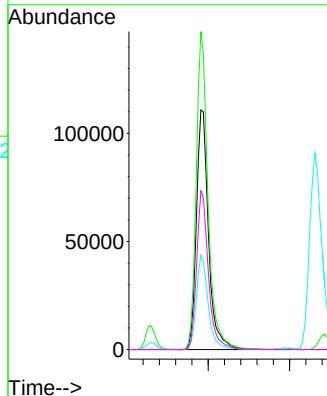
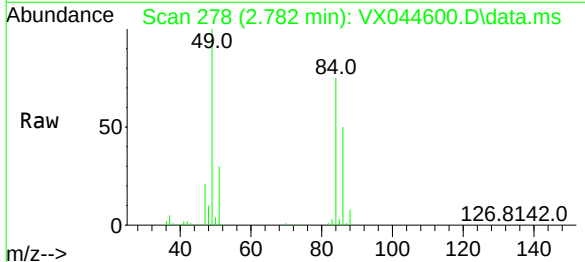
Manual Integrations
APPROVED

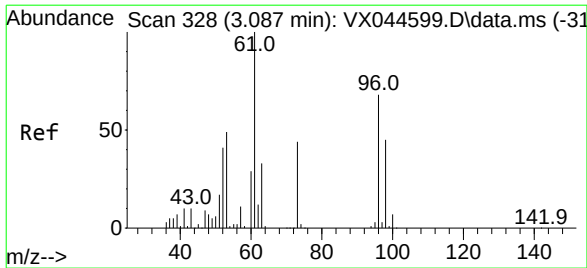
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Methylene Chloride
Concen: 97.019 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 84 Resp: 229290
Ion Ratio Lower Upper
84 100
49 132.7 104.4 156.6
51 39.3 32.0 48.0
86 66.2 51.4 77.0





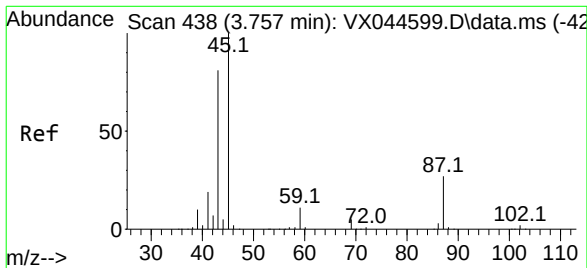
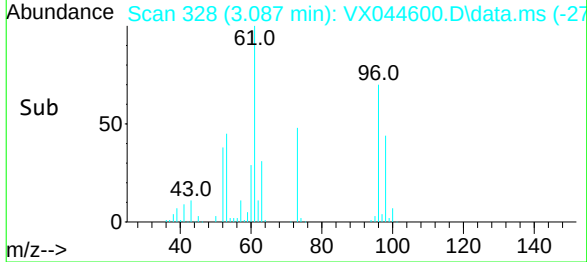
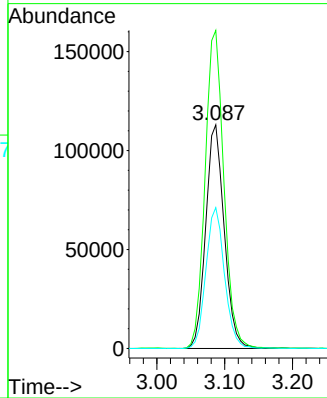
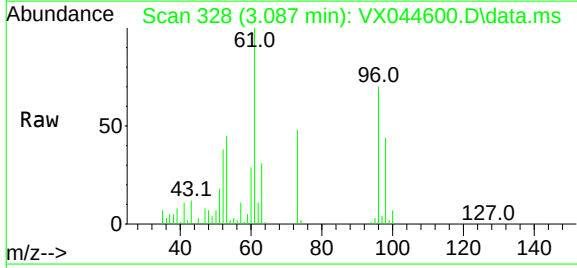
#21
trans-1,2-Dichloroethene
Concen: 102.468 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 214461
Ion Ratio Lower Upper
96 100
61 142.2 118.5 177.7
98 63.0 53.4 80.0

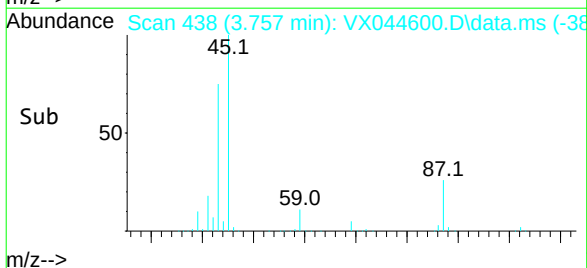
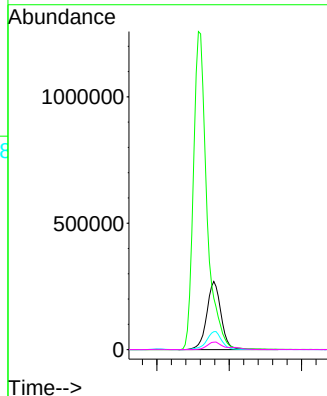
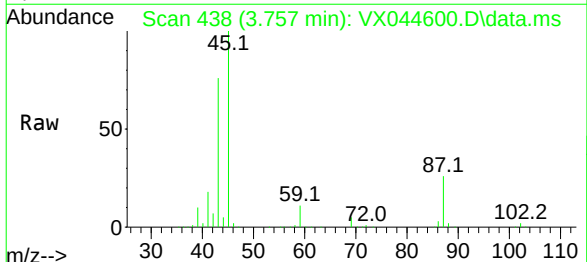
Manual Integrations
APPROVED

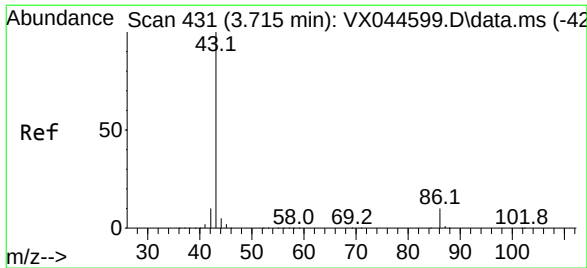
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#22
Diisopropyl ether
Concen: 105.701 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 45 Resp: 736946
Ion Ratio Lower Upper
45 100
43 75.5 64.6 97.0
87 26.2 21.8 32.8
59 10.9 8.6 12.8





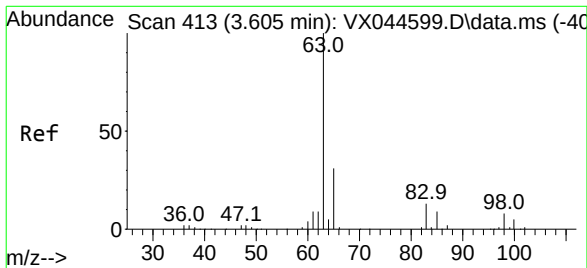
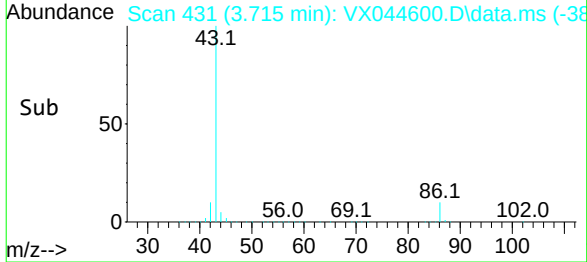
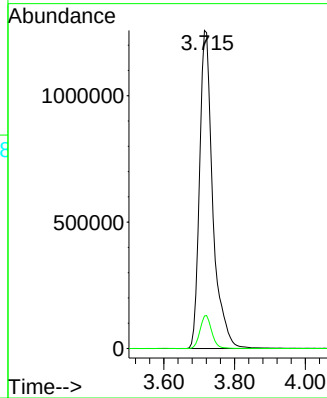
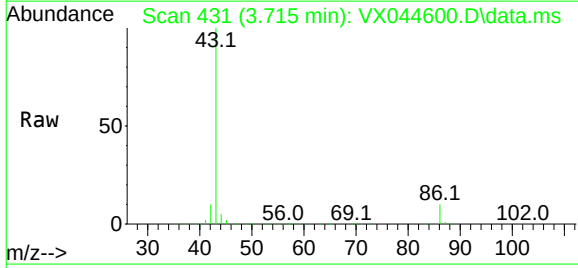
#23
 Vinyl Acetate
 Concen: 578.791 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 3263158
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

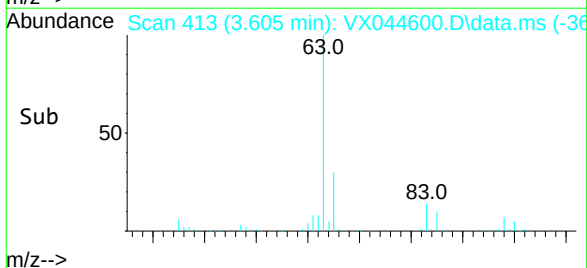
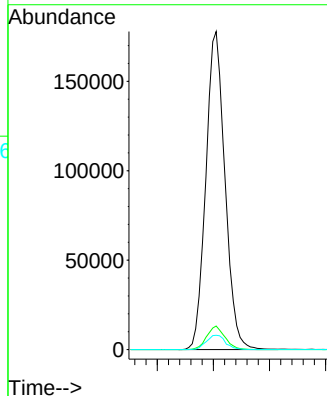
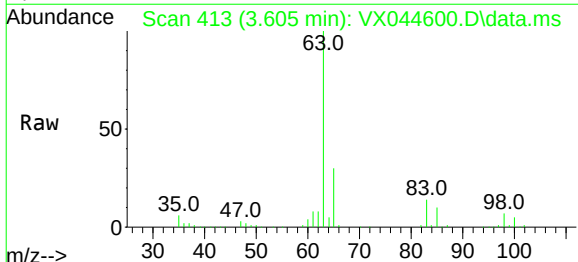
Manual Integrations
 APPROVED

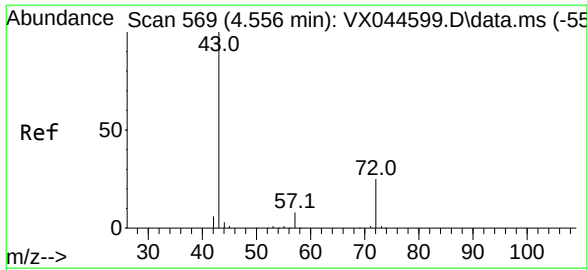
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#24
 1,1-Dichloroethane
 Concen: 103.707 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

Tgt Ion: 63 Resp: 421306
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.5 2.4 7.2





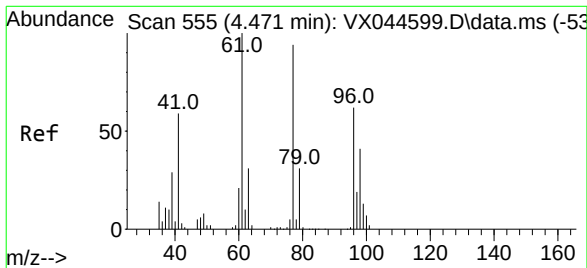
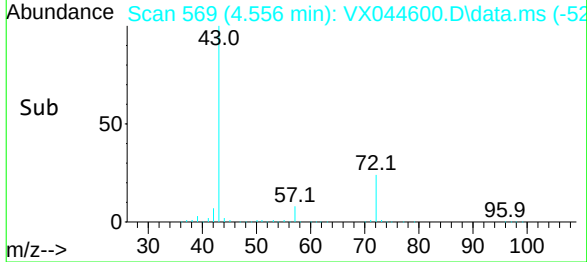
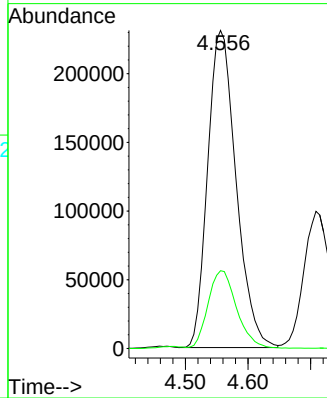
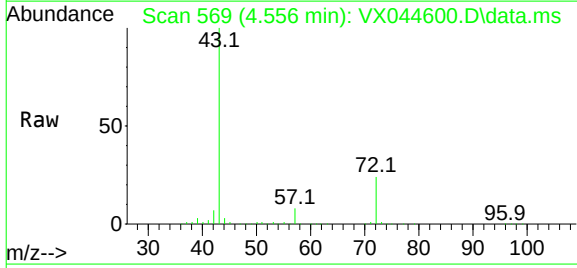
#25
2-Butanone
Concen: 543.775 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 727090
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.2

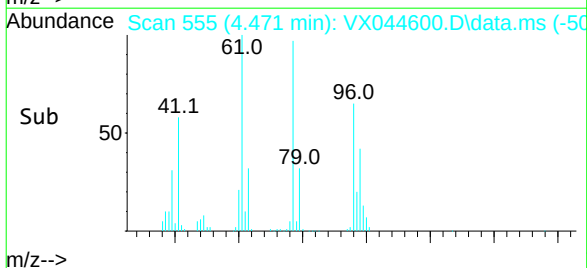
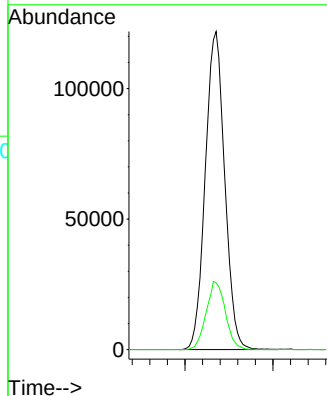
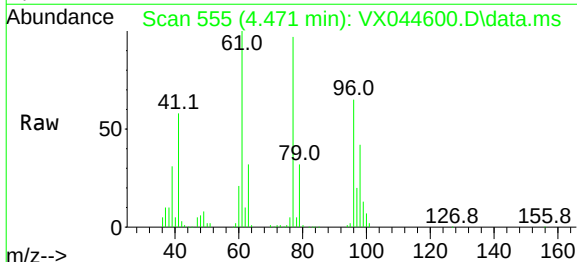
Manual Integrations
APPROVED

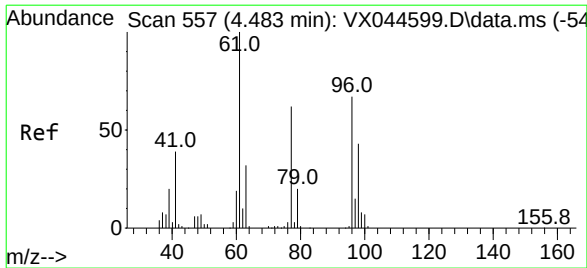
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#26
2,2-Dichloropropane
Concen: 106.339 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

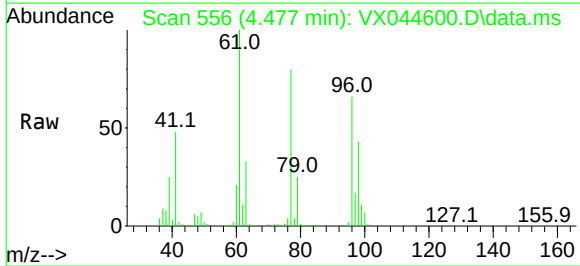
Tgt Ion: 77 Resp: 373500
Ion Ratio Lower Upper
77 100
97 21.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 101.596 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

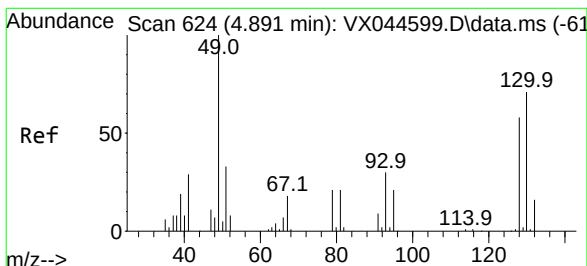
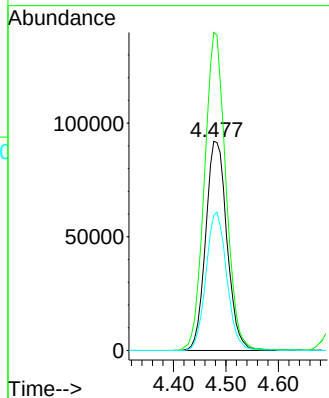
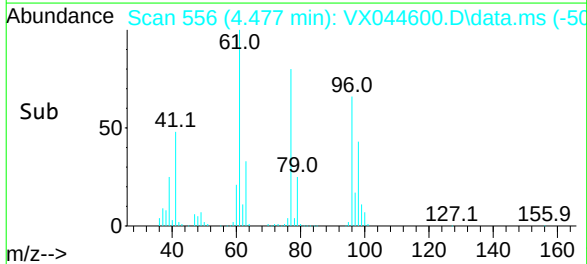
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 259280
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 302.8
 98 64.6 0.0 130.0

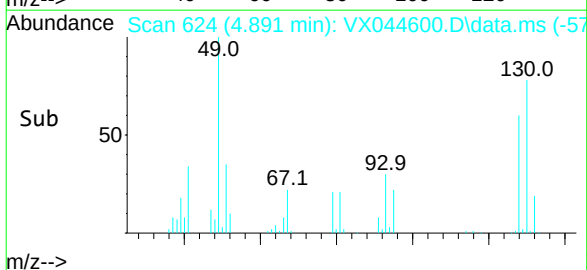
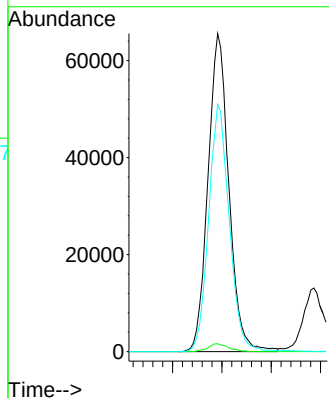
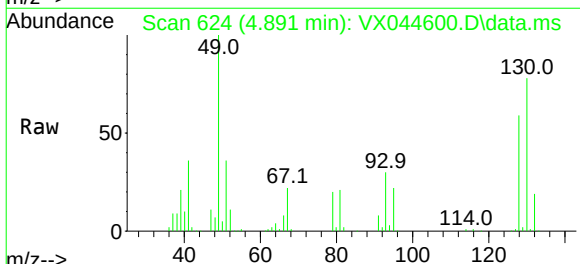
Manual Integrations
 APPROVED

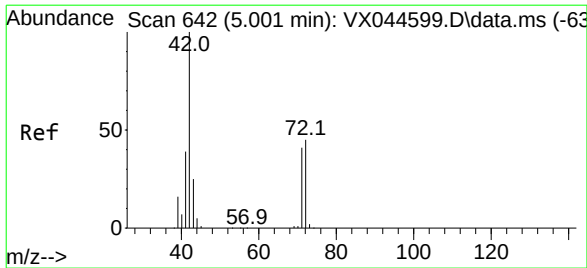
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#28
 Bromochloromethane
 Concen: 101.838 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

Tgt Ion: 49 Resp: 192580
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 76.8 58.8 88.2





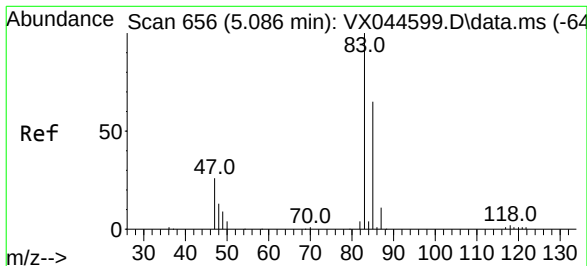
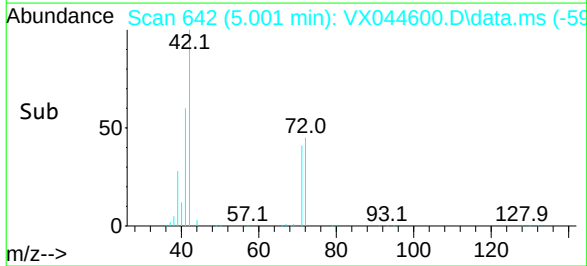
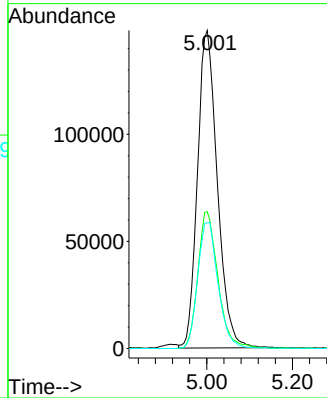
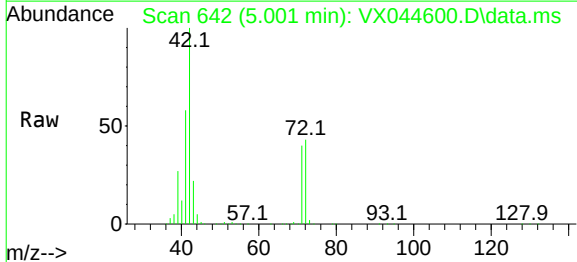
#29
Tetrahydrofuran
Concen: 521.636 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 477636
Ion Ratio Lower Upper
42 100
72 43.6 36.1 54.1
71 40.7 33.0 49.6

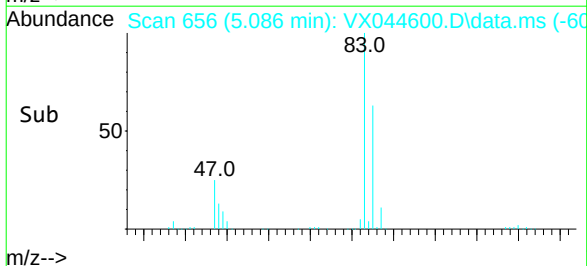
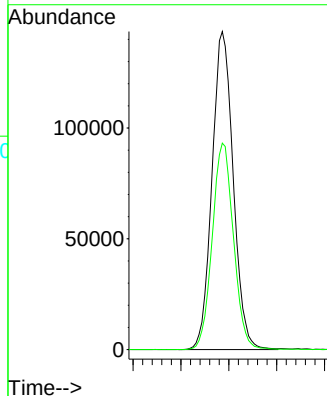
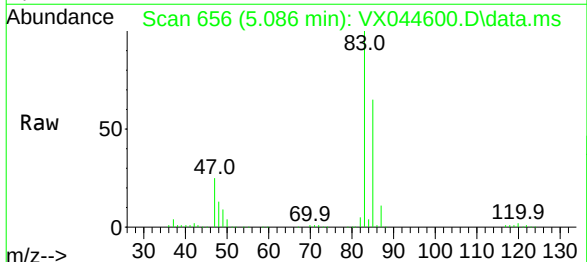
Manual Integrations
APPROVED

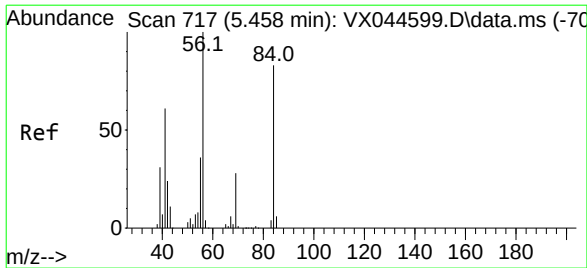
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
Chloroform
Concen: 100.708 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 83 Resp: 441057
Ion Ratio Lower Upper
83 100
85 64.9 52.3 78.5





#31

Cyclohexane

Concen: 102.984 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

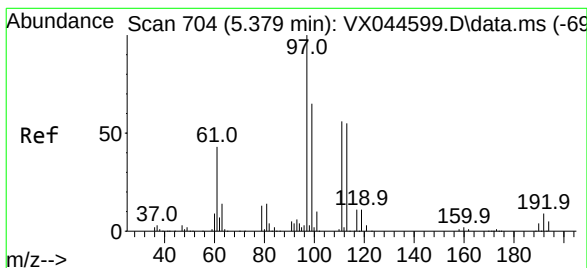
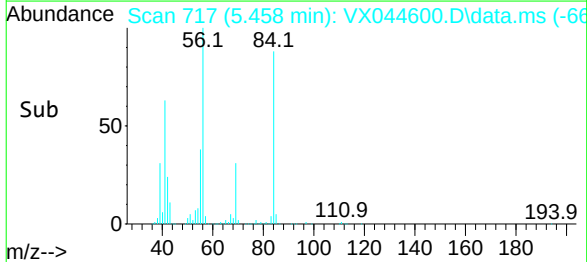
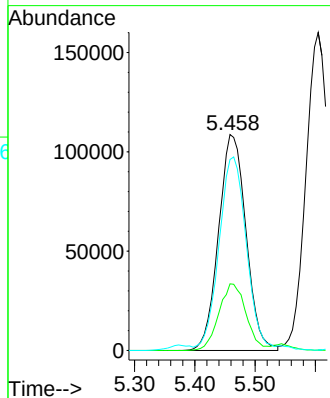
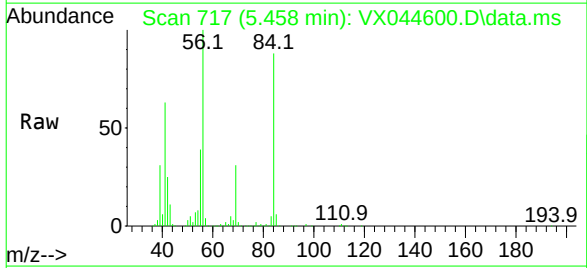
Tgt Ion:	56	Resp:	343501
Ion	Ratio	Lower	Upper
56	100		
69	30.9	22.2	33.4
84	86.3	66.6	100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#32

1,1,1-Trichloroethane

Concen: 107.215 ug/l

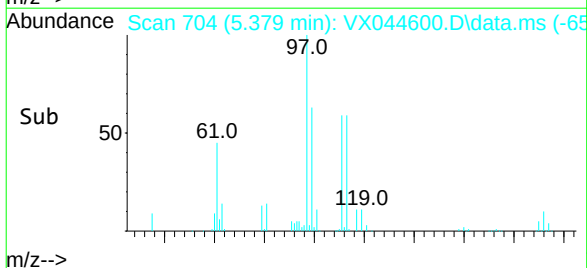
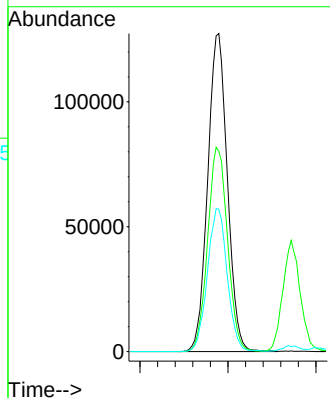
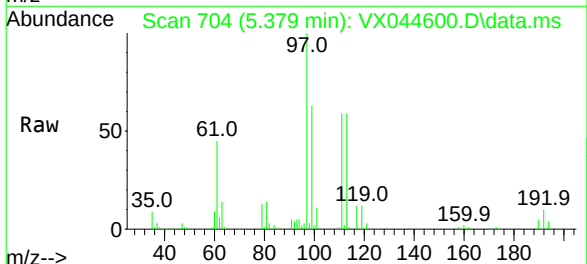
RT: 5.379 min Scan# 704

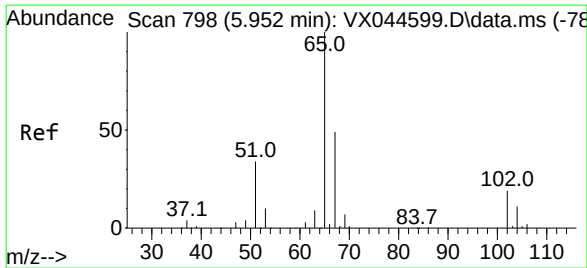
Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	97	Resp:	395161
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	45.5	36.8	55.2





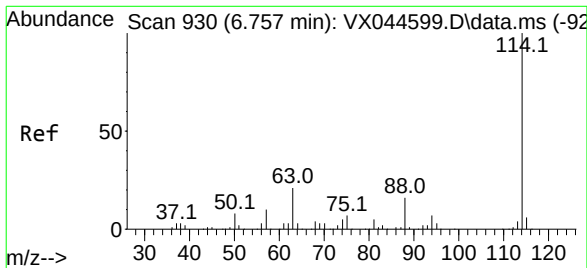
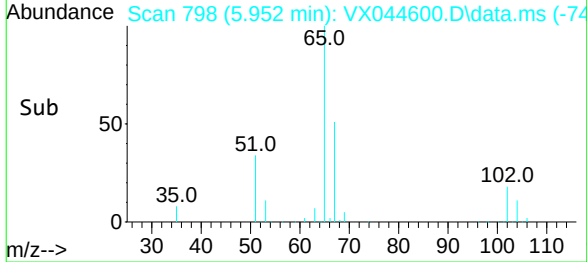
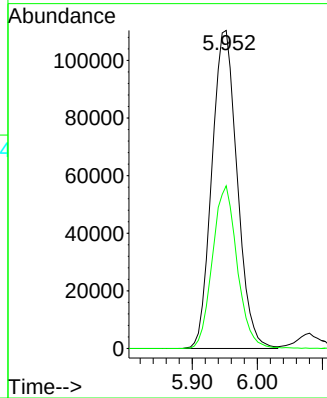
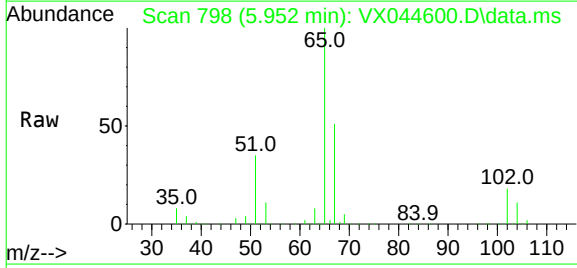
#33
1,2-Dichloroethane-d4
Concen: 101.563 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 298512
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

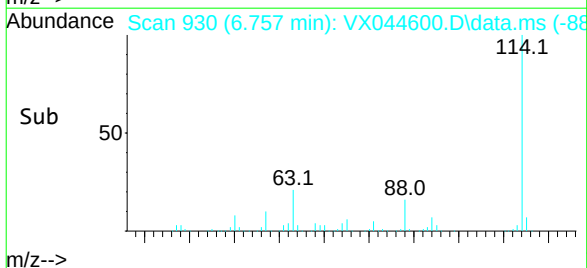
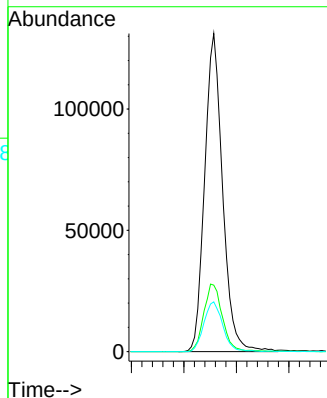
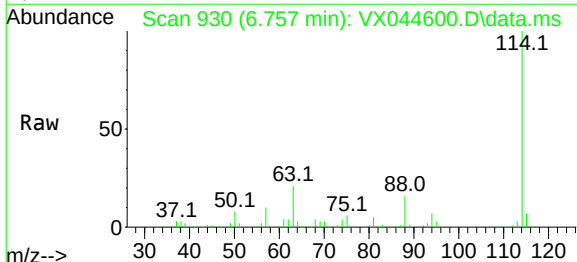
Manual Integrations
APPROVED

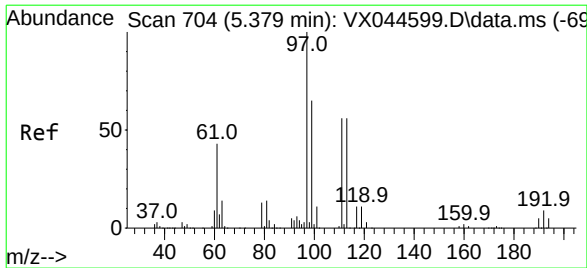
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:114 Resp: 310906
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 101.626 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

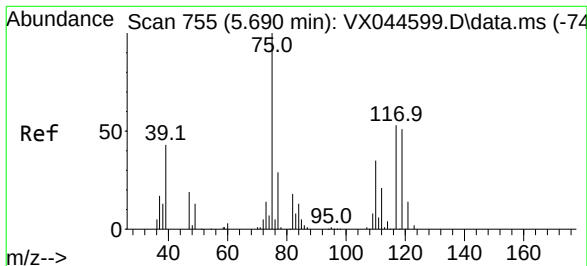
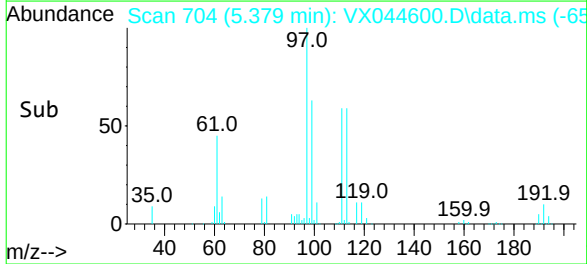
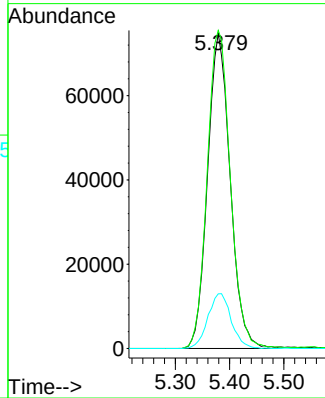
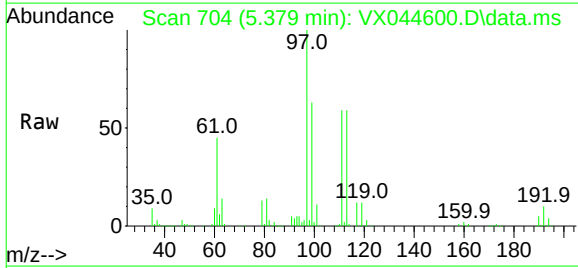
Tgt Ion:	113	Resp:	216660
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.3	124.9
192	18.0	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#36

1,1-Dichloropropene

Concen: 104.631 ug/l

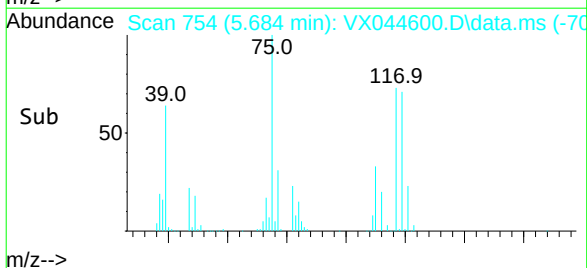
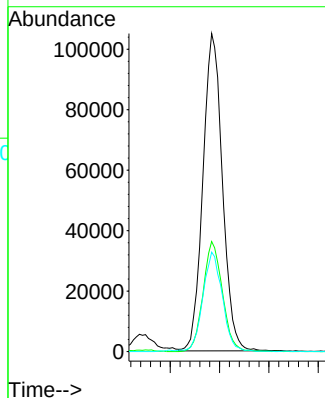
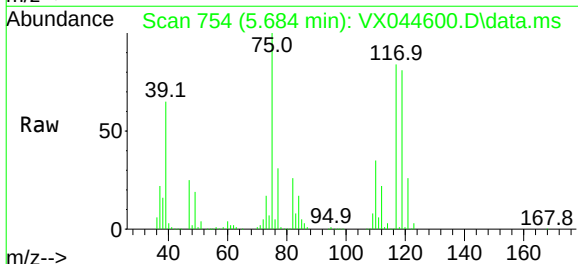
RT: 5.684 min Scan# 754

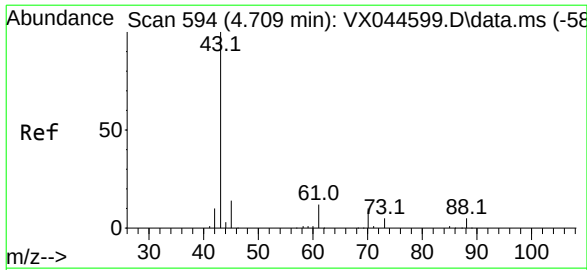
Delta R.T. -0.006 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	75	Resp:	288443
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.3	51.9
77	31.1	24.7	37.1





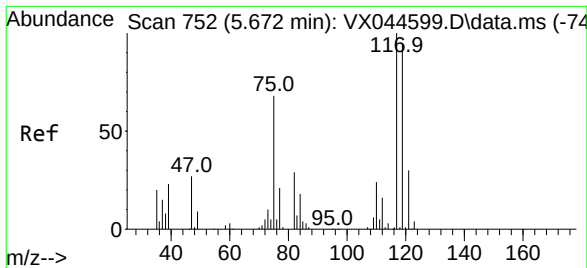
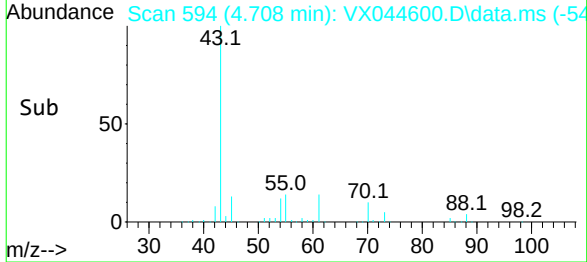
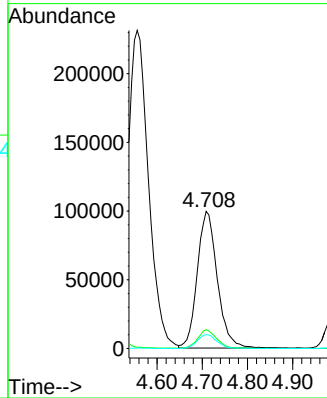
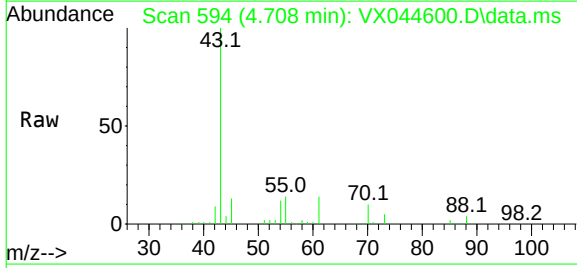
#37
Ethyl Acetate
Concen: 108.495 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 305727
Ion Ratio Lower Upper
43 100
61 12.9 9.9 14.9
70 10.1 8.0 12.0

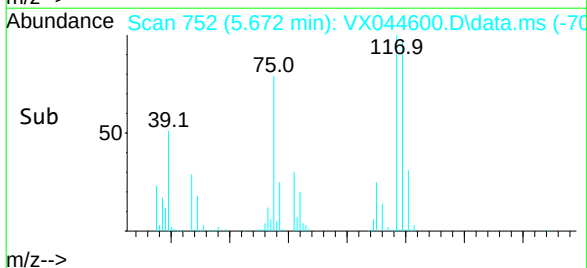
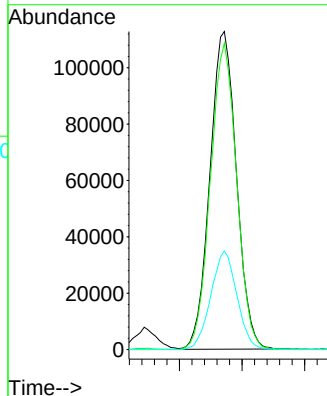
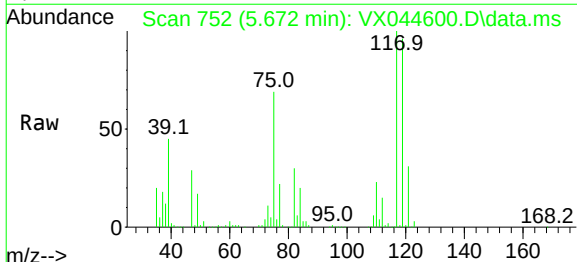
Manual Integrations
APPROVED

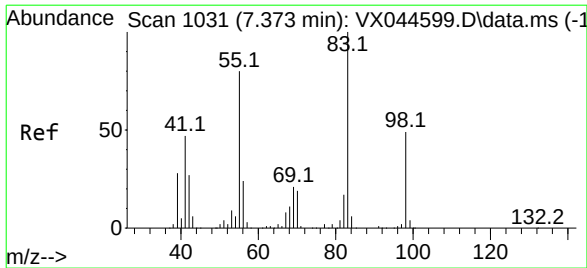
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#38
Carbon Tetrachloride
Concen: 108.573 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:117 Resp: 332090
Ion Ratio Lower Upper
117 100
119 96.4 74.5 111.7
121 31.1 24.1 36.1





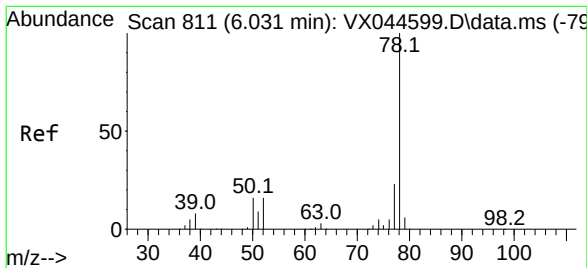
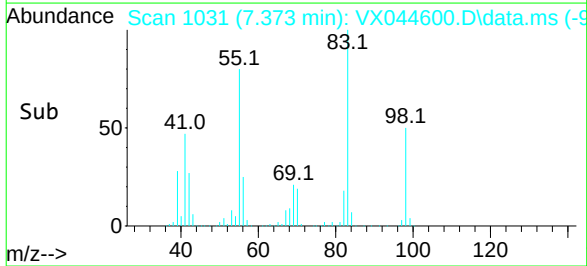
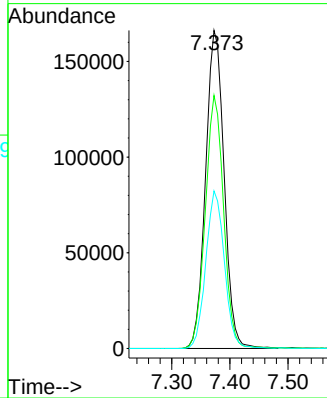
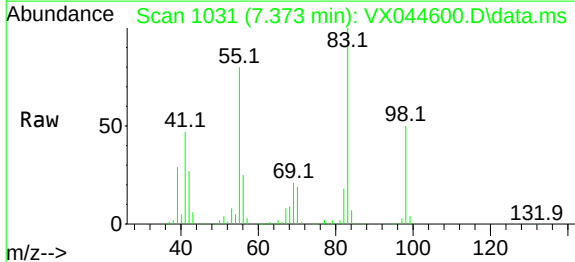
#39
Methylcyclohexane
Concen: 104.721 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 368363
Ion Ratio Lower Upper
83 100
55 79.6 64.1 96.1
98 49.5 38.9 58.3

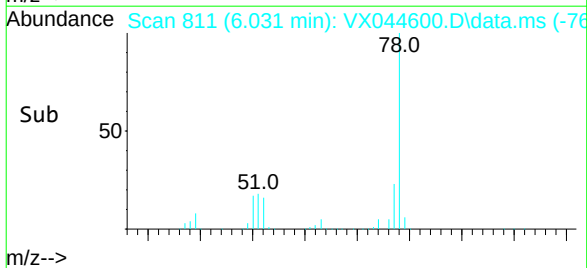
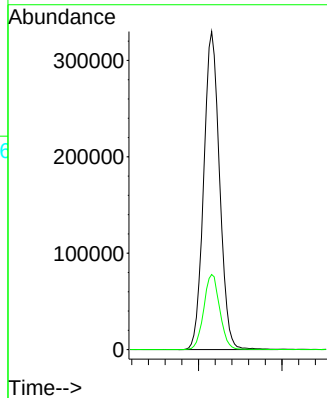
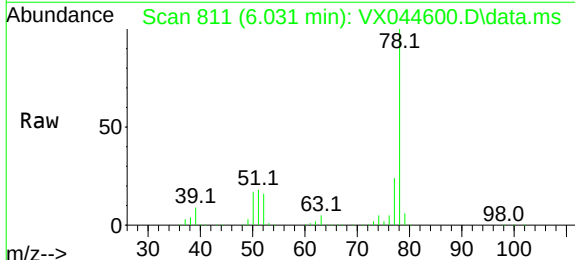
Manual Integrations
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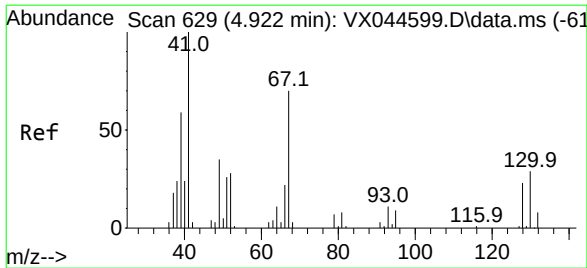
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Benzene
Concen: 100.244 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 78 Resp: 870111
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





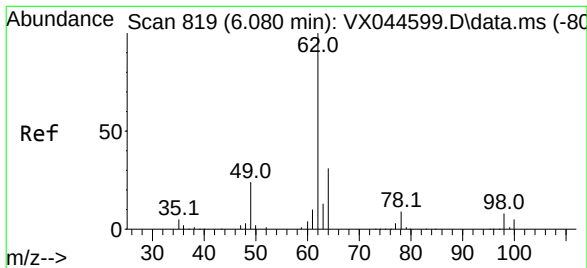
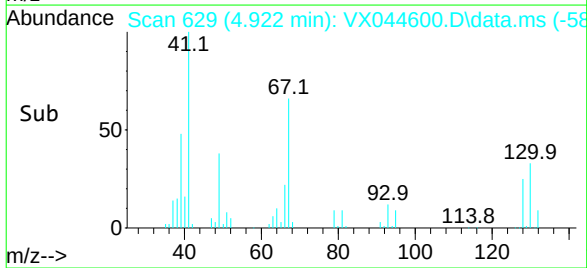
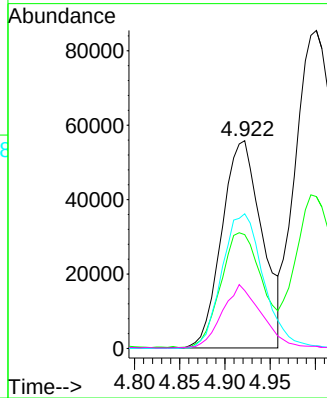
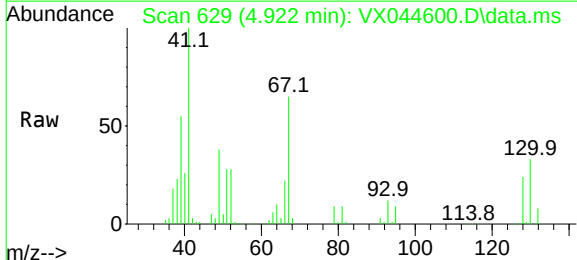
#41
Methacrylonitrile
Concen: 113.877 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	172379
Ion	Ratio	Lower	Upper
41	100		
39	57.1	47.0	70.4
67	68.0	57.4	86.2
52	31.1	25.0	37.6

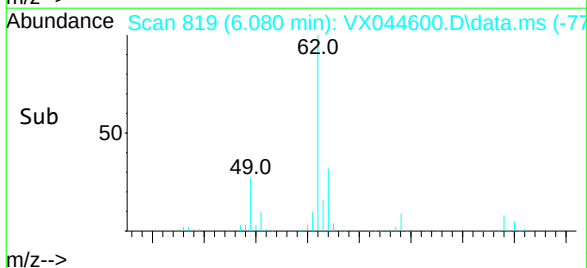
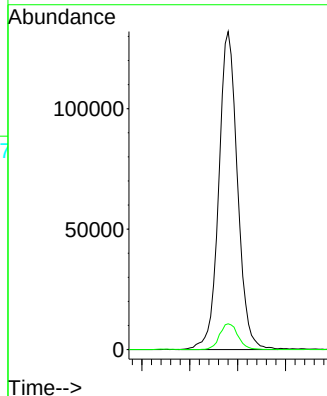
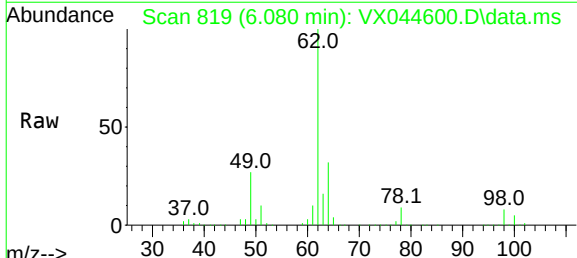
Manual Integrations
APPROVED

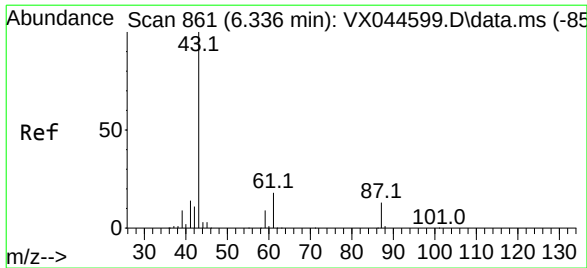
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#42
1,2-Dichloroethane
Concen: 105.631 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:	62	Resp:	358563
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 110.008 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

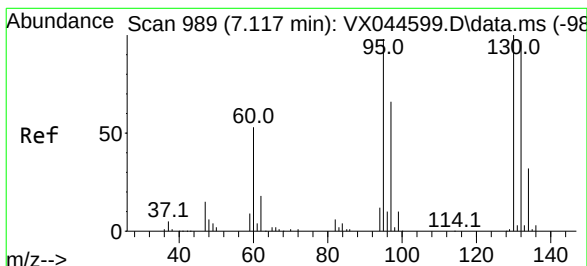
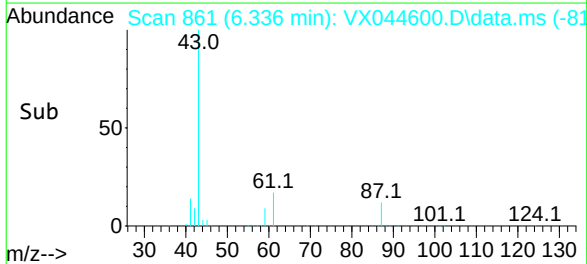
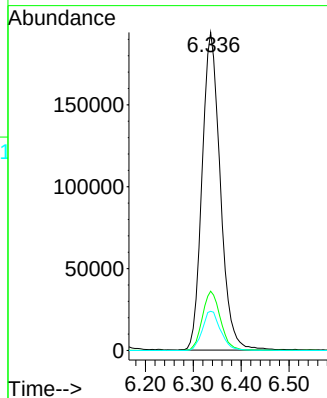
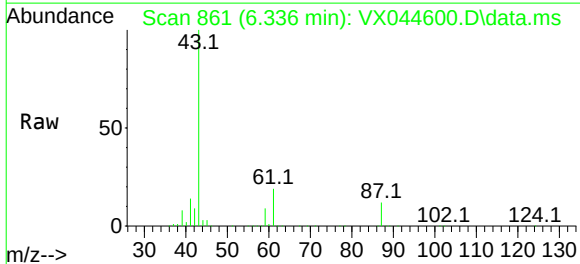
Tgt Ion:	43	Resp:	511813
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.5	21.7
87	12.4	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Trichloroethene

Concen: 98.990 ug/l

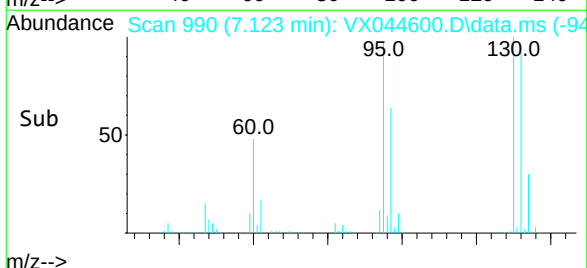
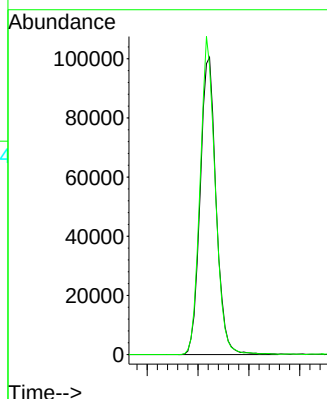
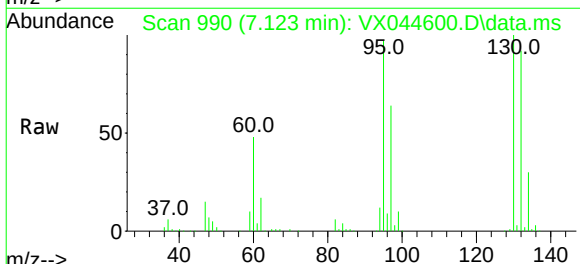
RT: 7.123 min Scan# 990

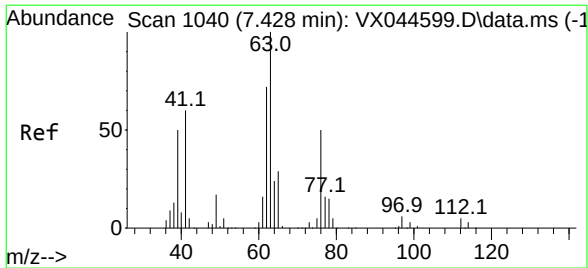
Delta R.T. 0.006 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	130	Resp:	219638
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	195.6





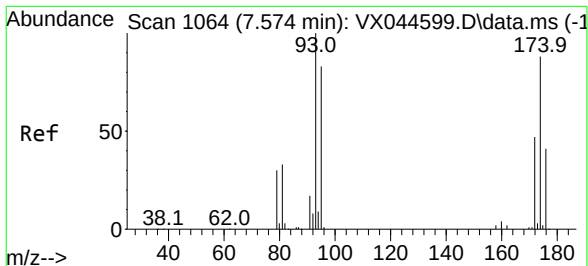
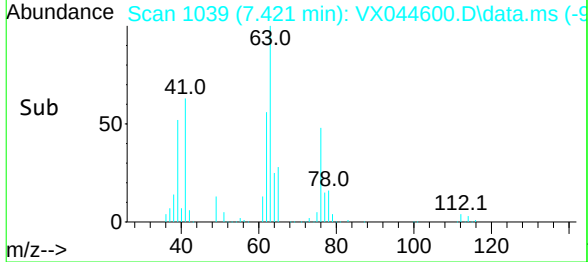
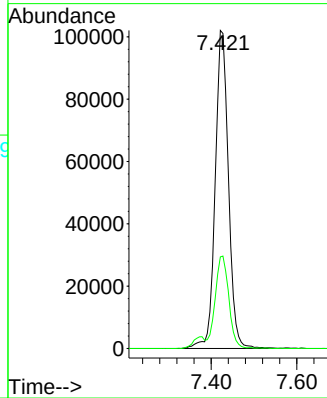
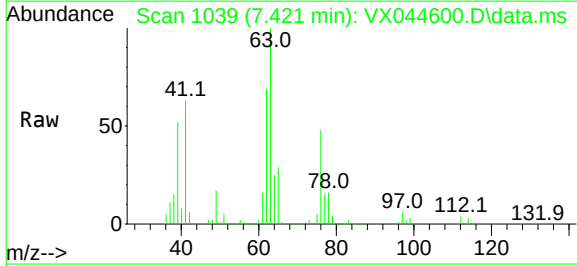
#45
1,2-Dichloropropane
Concen: 103.636 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 219320
Ion Ratio Lower Upper
63 100
65 28.8 23.0 34.4

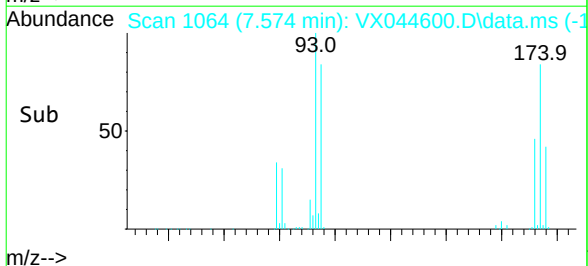
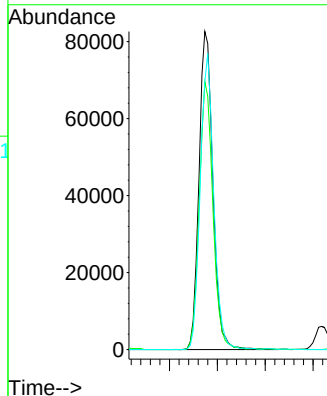
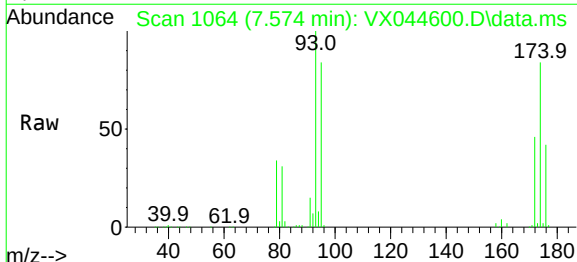
Manual Integrations
APPROVED

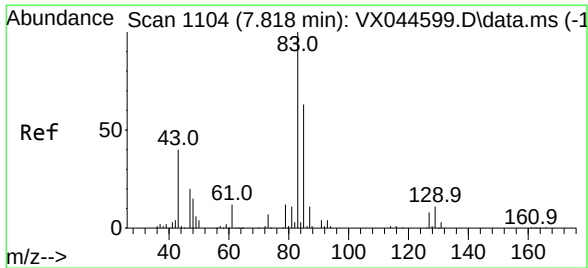
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#46
Dibromomethane
Concen: 101.452 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 93 Resp: 166973
Ion Ratio Lower Upper
93 100
95 82.9 65.8 98.6
174 90.4 73.4 110.0





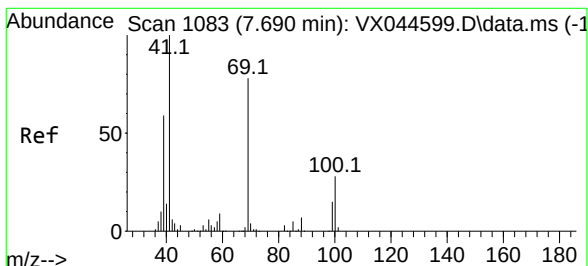
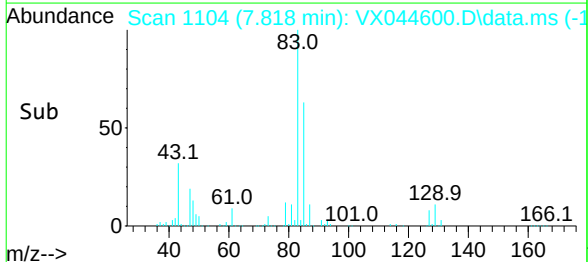
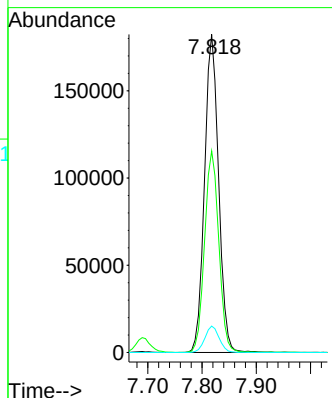
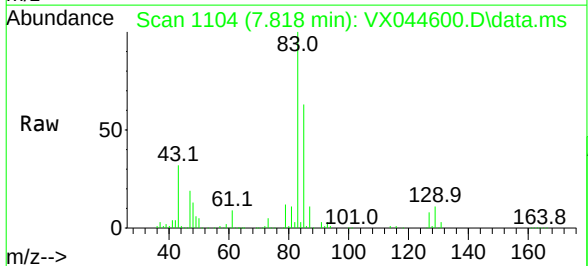
#47
 Bromodichloromethane
 Concen: 109.962 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion:	83	Resp:	329340
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.4	75.6
127	8.3	6.2	9.4

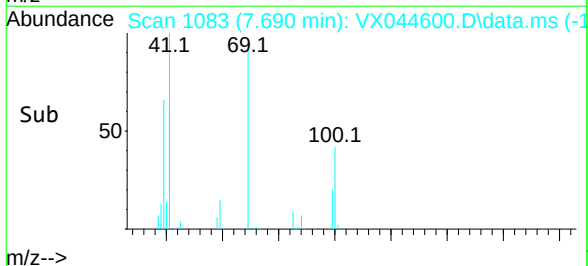
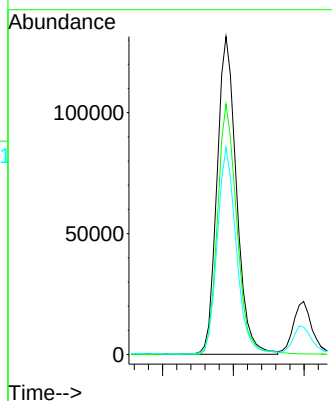
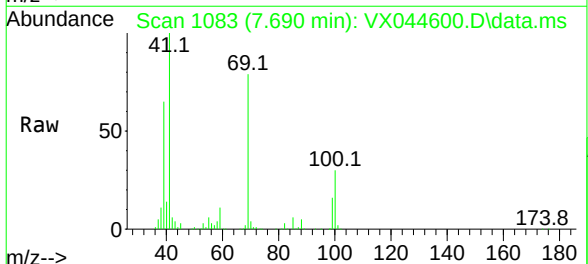
Manual Integrations
 APPROVED

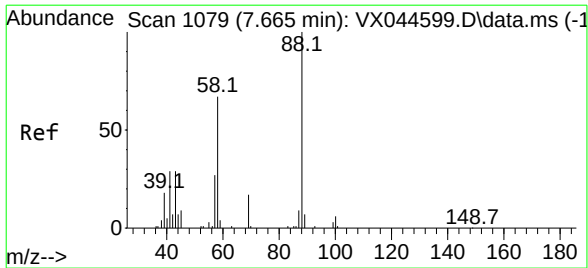
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#48
 Methyl methacrylate
 Concen: 113.277 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: VX044600.D
 Acq: 07 Jan 2025 11:37

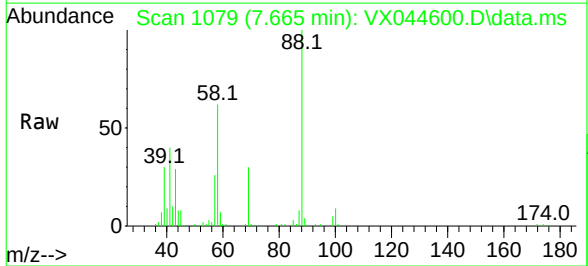
Tgt Ion:	41	Resp:	251364
Ion	Ratio	Lower	Upper
41	100		
69	78.5	62.9	94.3
39	63.8	48.9	73.3





#49
1,4-Dioxane
Concen: 2030.048 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

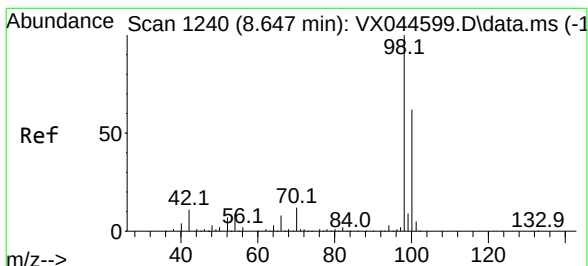
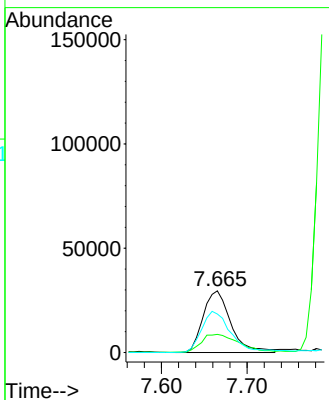
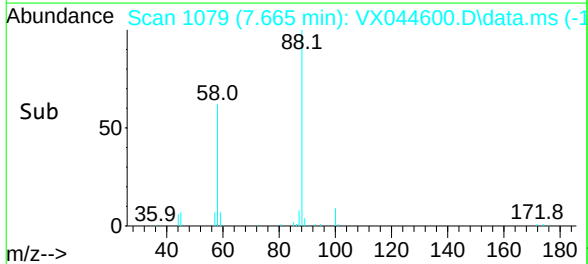
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:	88	Resp:	66197
Ion	Ratio	Lower	Upper
88	100		
43	40.1	29.5	44.3
58	72.1	56.3	84.5

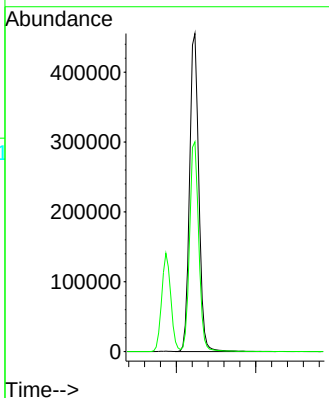
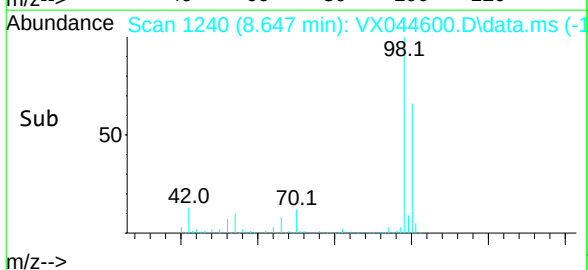
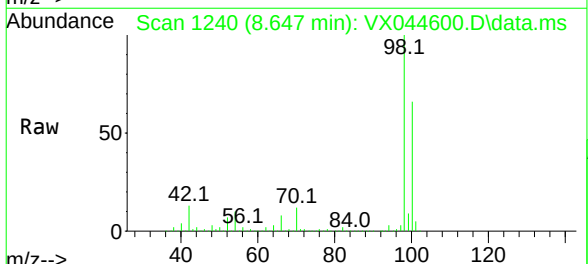
Manual Integrations
APPROVED

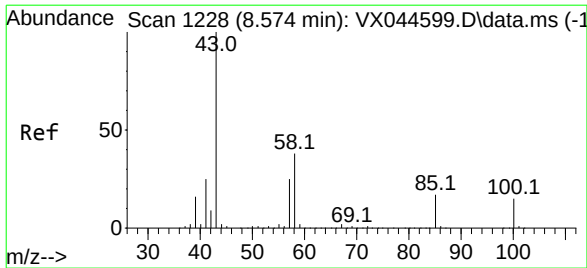
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#50
Toluene-d8
Concen: 101.194 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:	98	Resp:	736918
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7





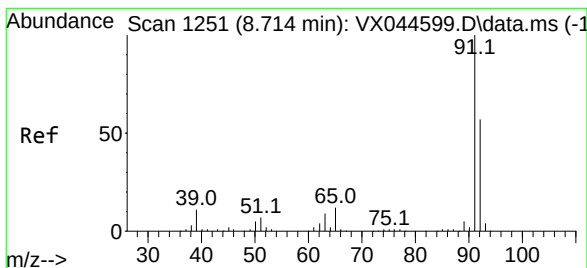
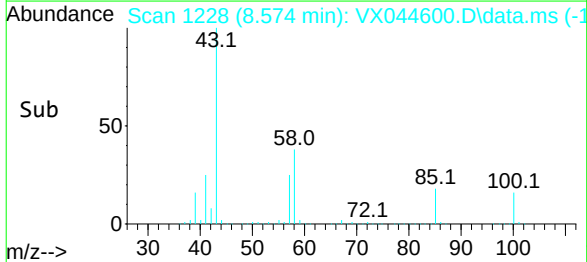
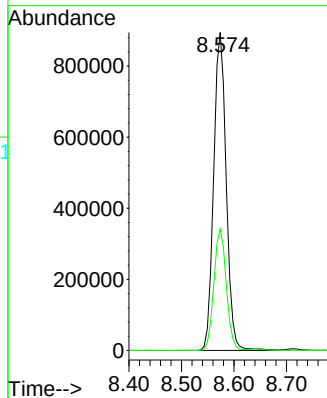
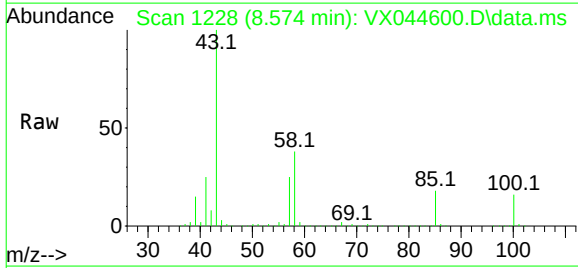
#51
4-Methyl-2-Pentanone
Concen: 545.612 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1483866
Ion Ratio Lower Upper
43 100
58 37.8 30.0 45.0

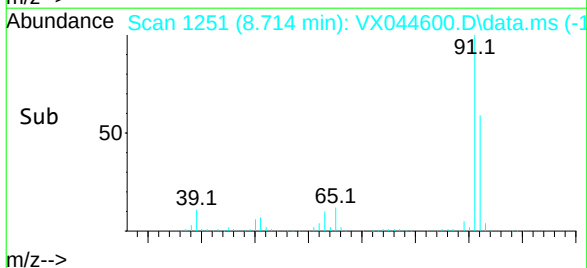
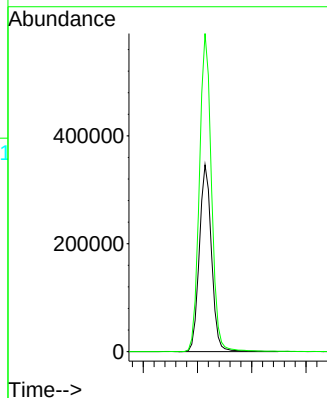
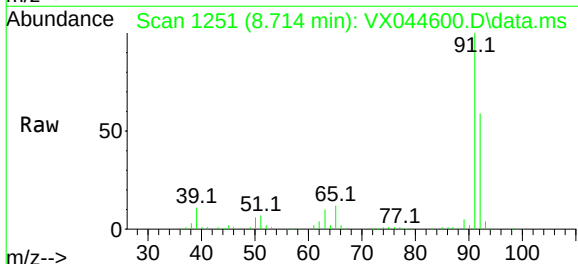
Manual Integrations
APPROVED

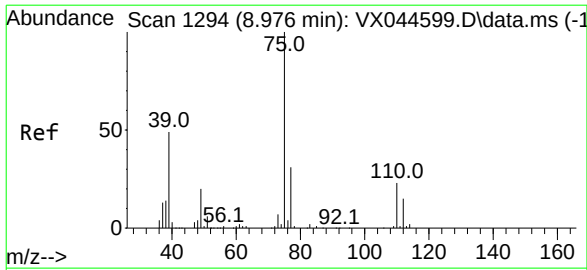
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
Toluene
Concen: 102.712 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

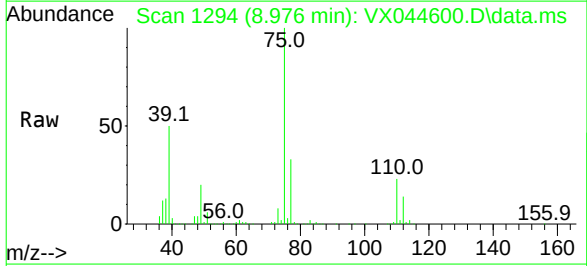
Tgt Ion: 92 Resp: 537927
Ion Ratio Lower Upper
92 100
91 169.3 140.6 210.8





#53
t-1,3-Dichloropropene
Concen: 116.711 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

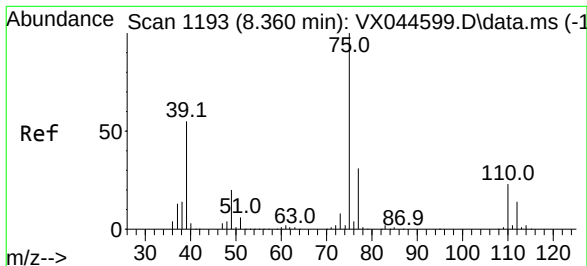
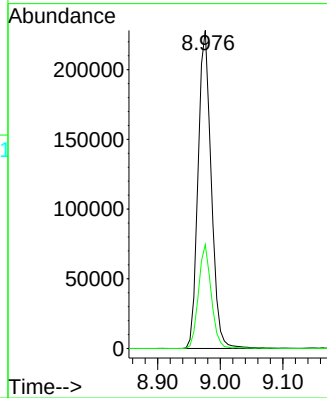
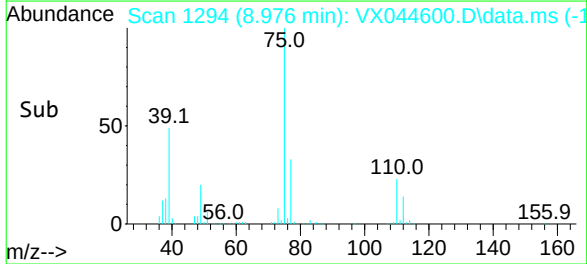
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 334122
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2

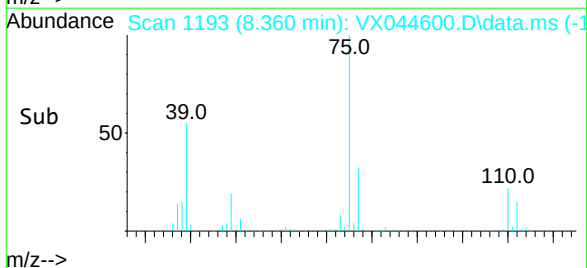
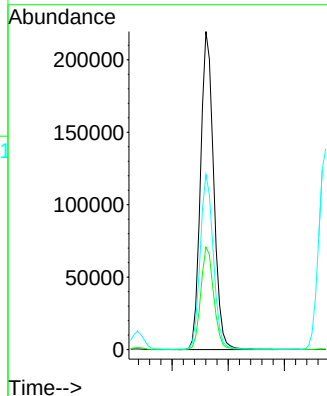
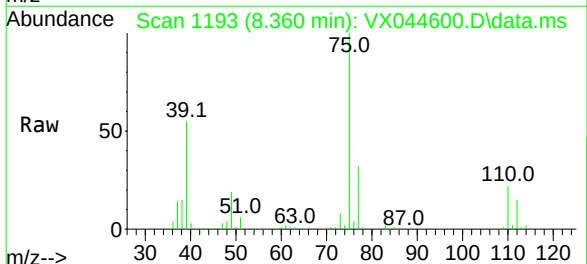
Manual Integrations
APPROVED

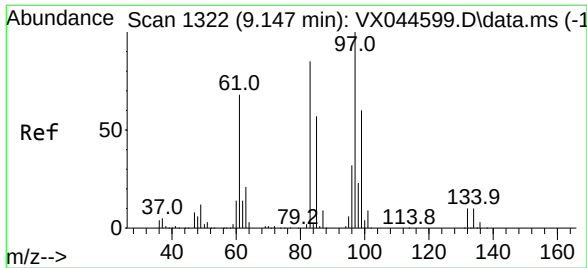
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#54
cis-1,3-Dichloropropene
Concen: 111.049 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

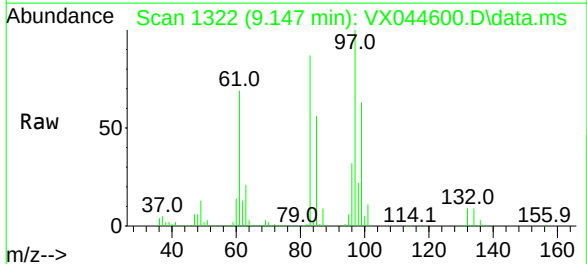
Tgt Ion: 75 Resp: 357294
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
39 54.9 44.3 66.5





#55
1,1,2-Trichloroethane
Concen: 98.770 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

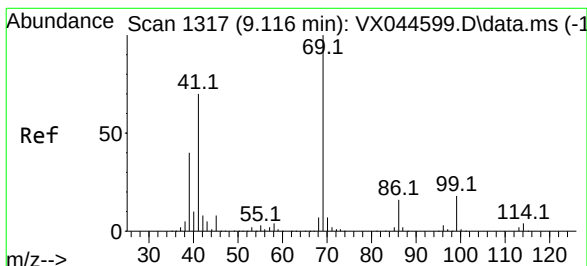
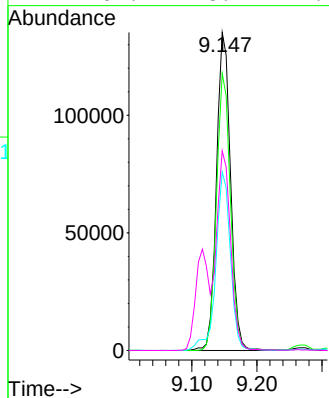
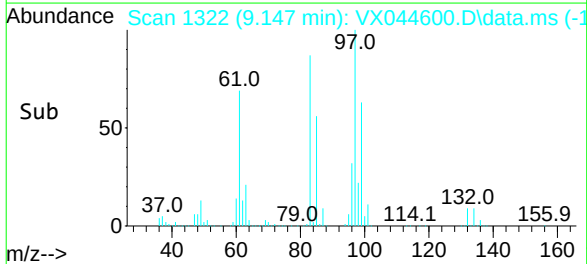
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:	97	Resp:	202789
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.0	102.0
85	56.1	45.4	68.0
99	62.7	48.4	72.6

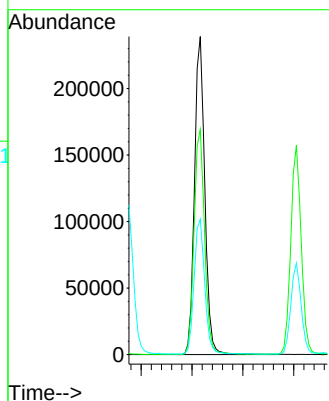
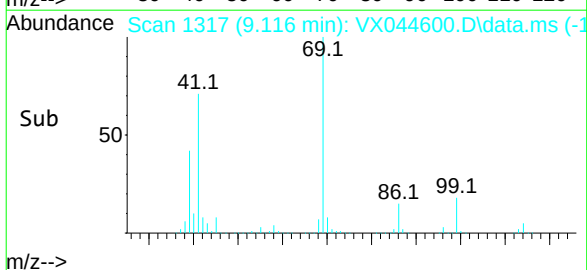
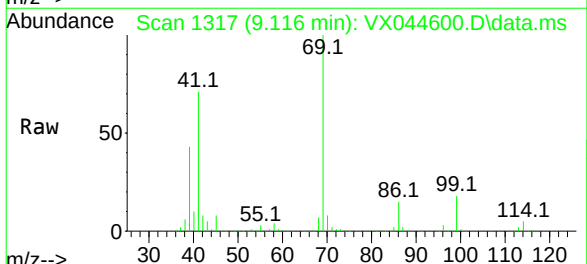
Manual Integrations
APPROVED

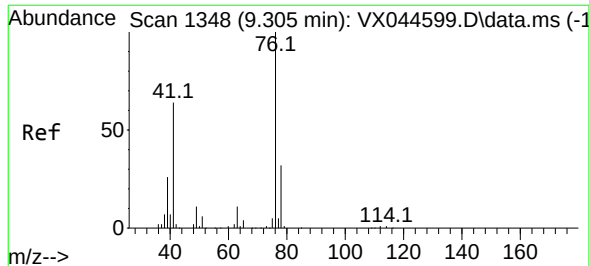
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#56
Ethyl methacrylate
Concen: 112.594 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:	69	Resp:	336196
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.7	86.5
39	43.5	33.7	50.5





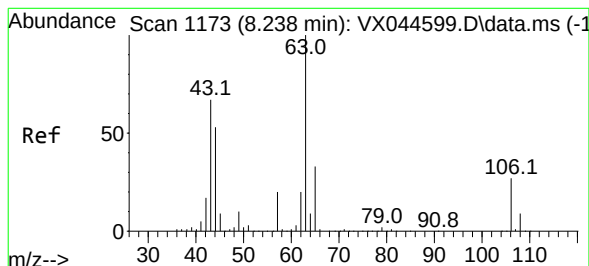
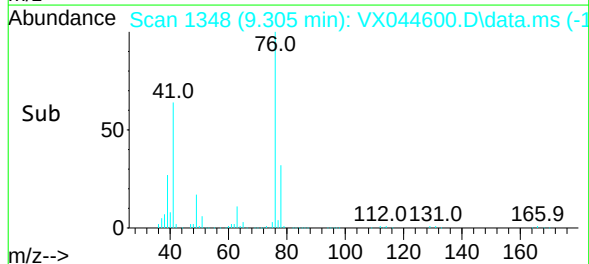
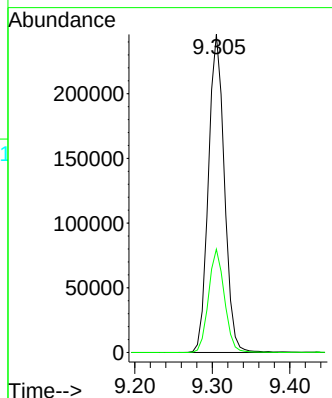
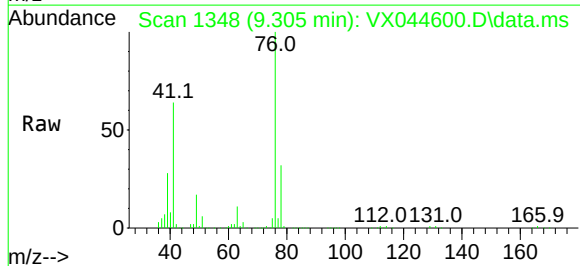
#57
1,3-Dichloropropane
Concen: 102.044 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 351820
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

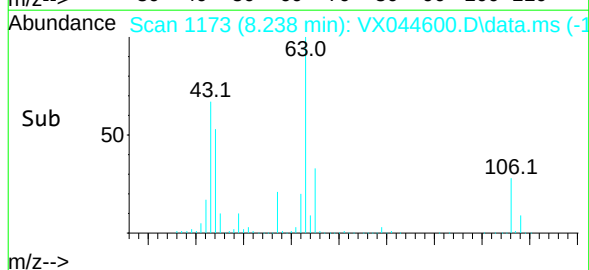
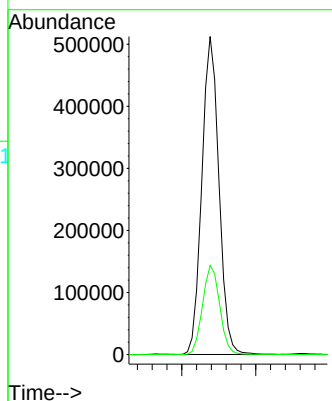
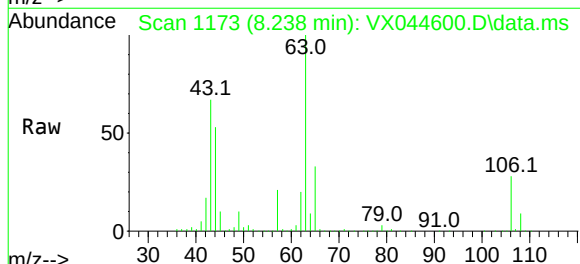
Manual Integrations
APPROVED

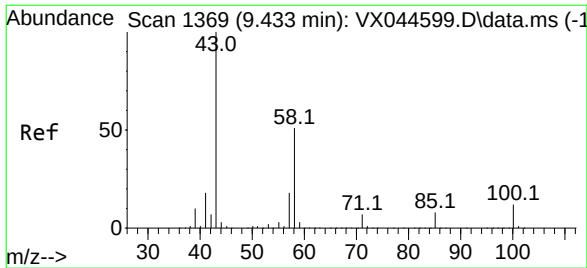
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 554.192 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 63 Resp: 820346
Ion Ratio Lower Upper
63 100
106 28.3 22.4 33.6





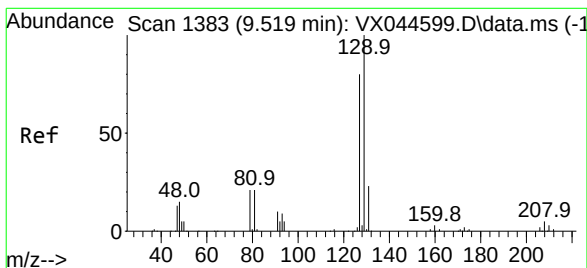
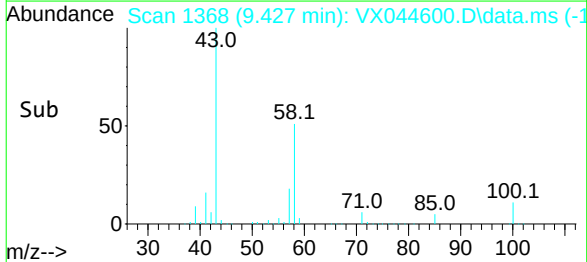
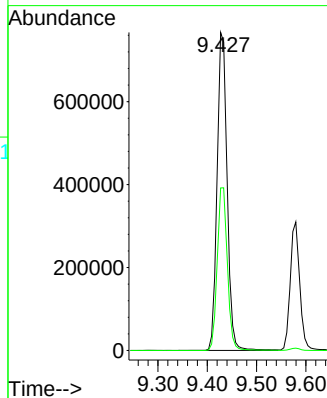
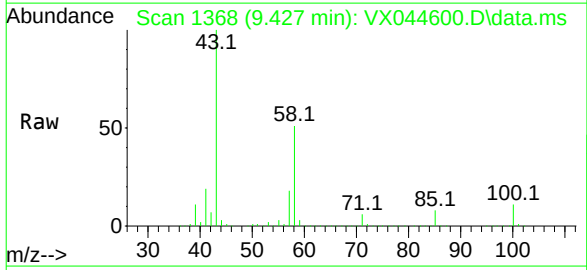
#59
2-Hexanone
Concen: 562.682 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1082252
Ion Ratio Lower Upper
43 100
58 51.9 25.4 76.4

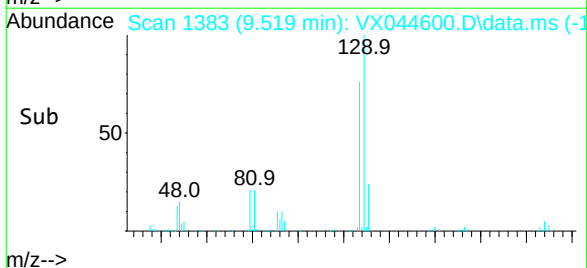
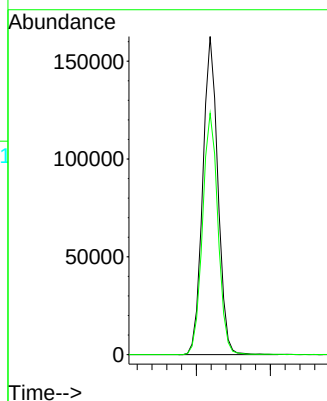
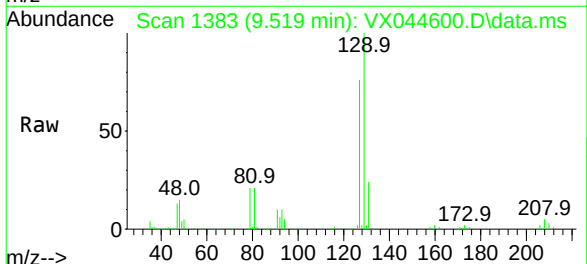
Manual Integrations
APPROVED

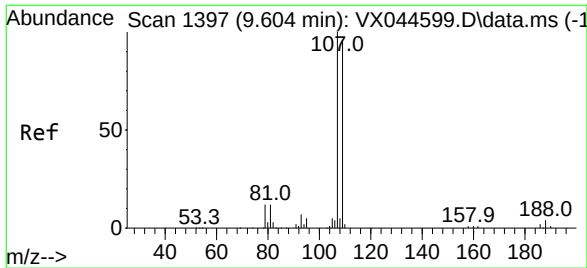
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
Dibromochloromethane
Concen: 112.783 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:129 Resp: 230891
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





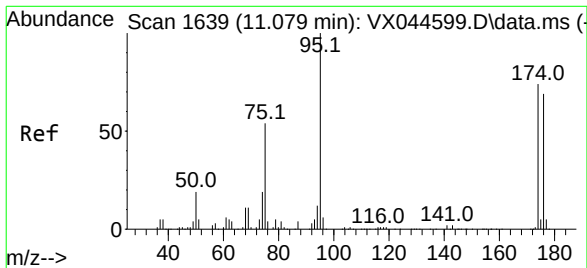
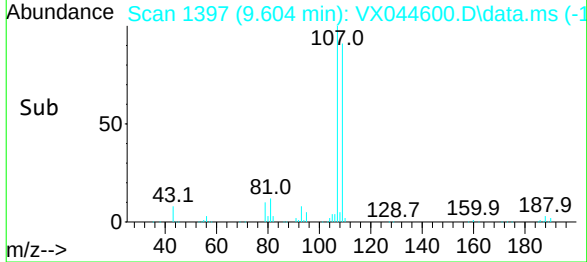
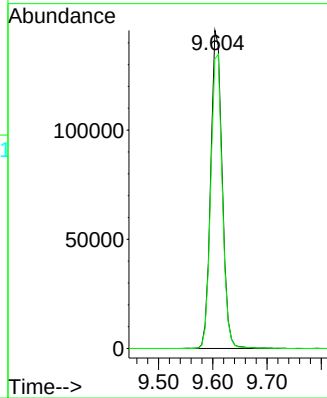
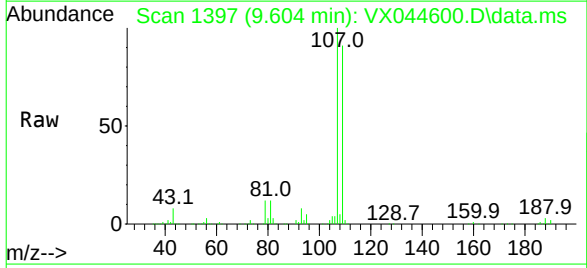
#61
1,2-Dibromoethane
Concen: 103.131 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 213851
Ion Ratio Lower Upper
107 100
109 93.7 76.7 115.1

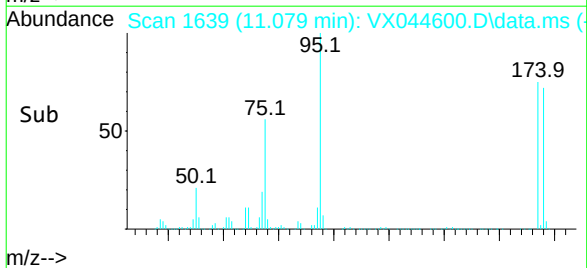
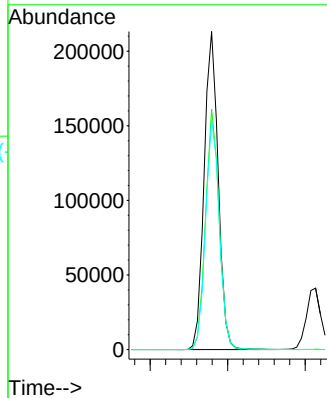
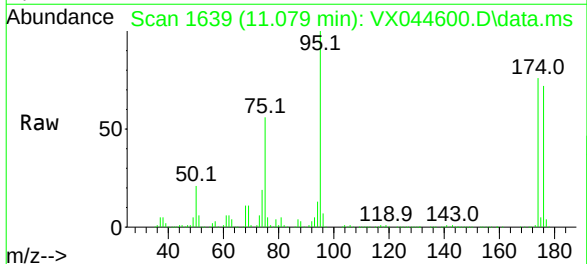
Manual Integrations
APPROVED

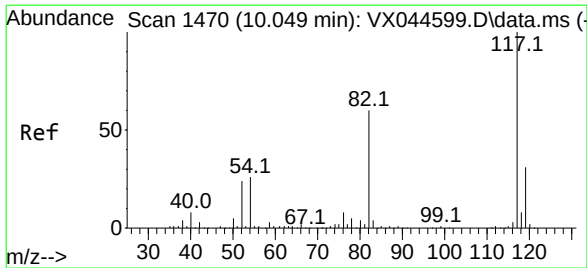
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
4-Bromofluorobenzene
Concen: 104.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 95 Resp: 268349
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.8
176 71.2 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: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

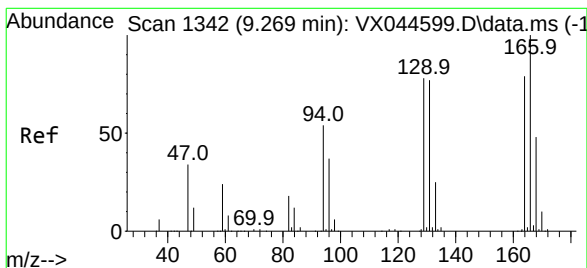
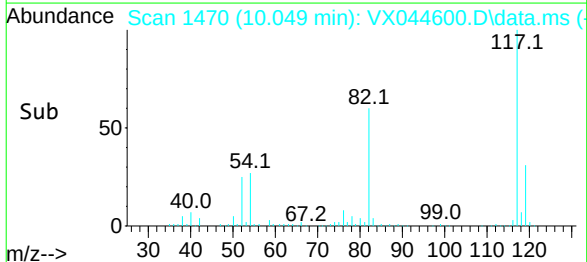
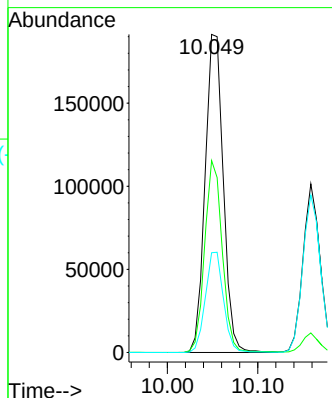
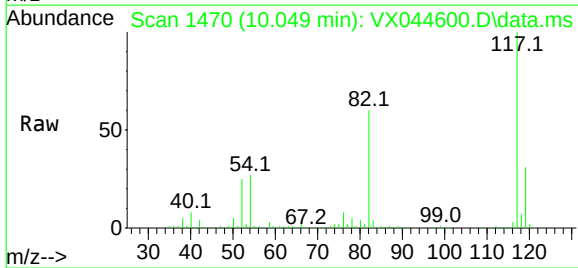
Tgt Ion:	117	Resp:	267228
Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.8	71.6
119	31.4	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#64

Tetrachloroethene

Concen: 95.619 ug/l

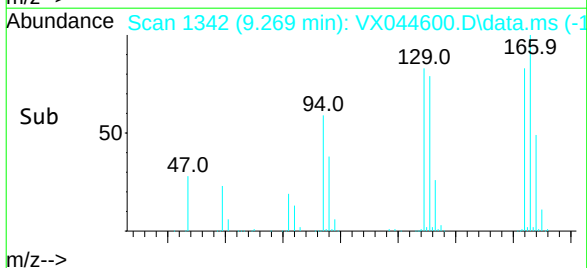
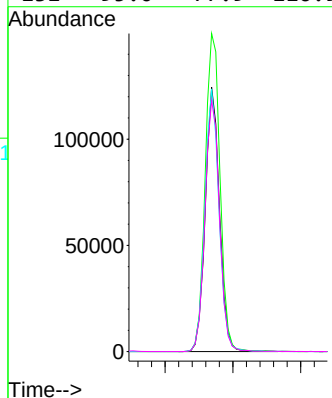
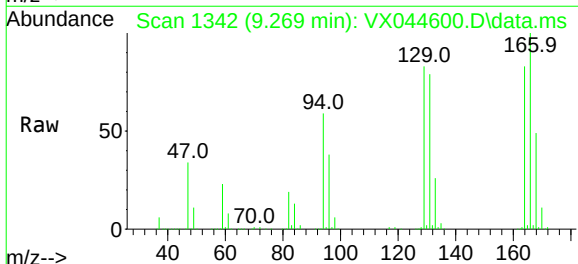
RT: 9.269 min Scan# 1342

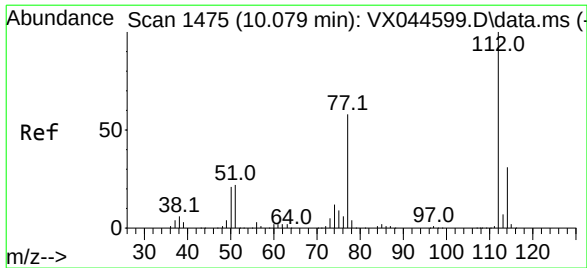
Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	164	Resp:	180662
Ion	Ratio	Lower	Upper
164	100		
166	120.3	101.5	152.3
129	99.4	78.9	118.3
131	95.0	77.9	116.9





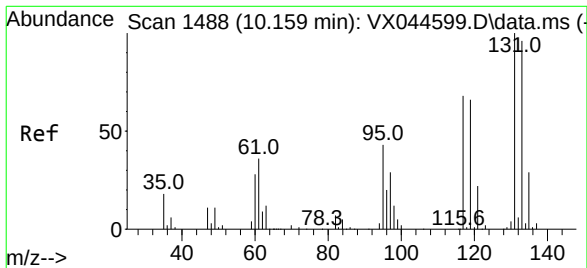
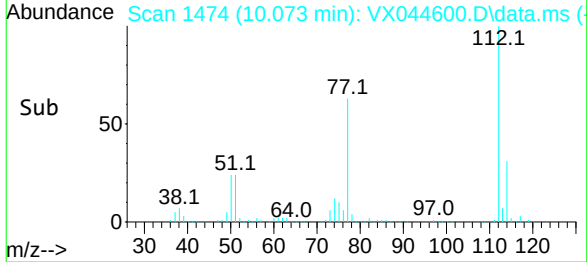
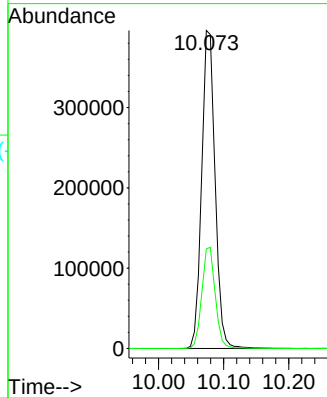
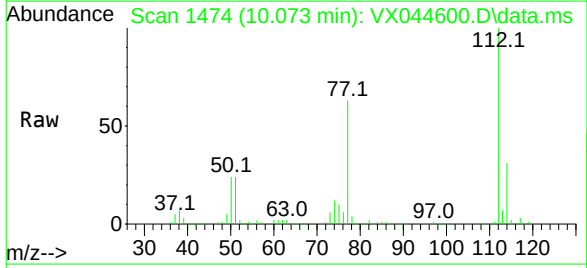
#65
Chlorobenzene
Concen: 100.126 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 567868
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

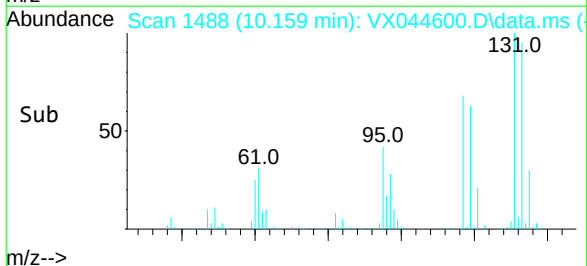
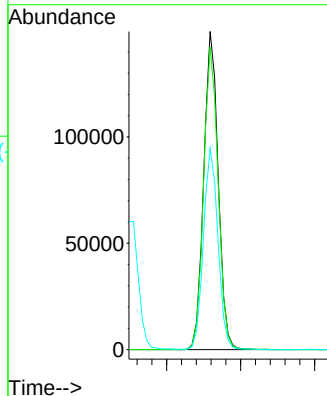
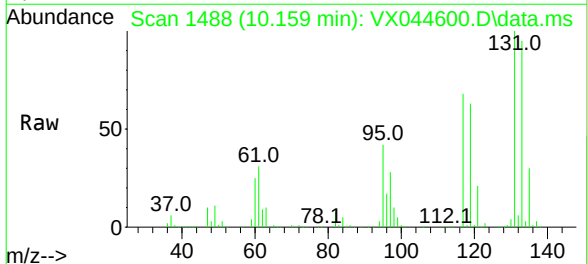
Manual Integrations
APPROVED

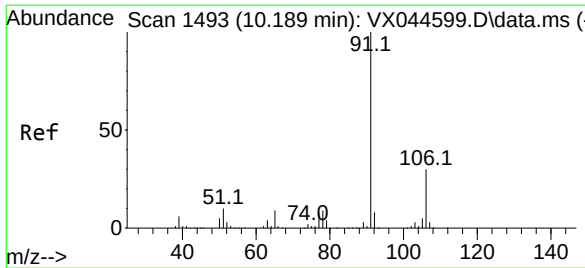
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 107.471 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:131 Resp: 202443
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 63.7 32.8 98.4





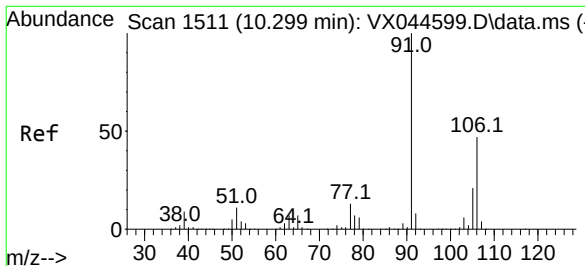
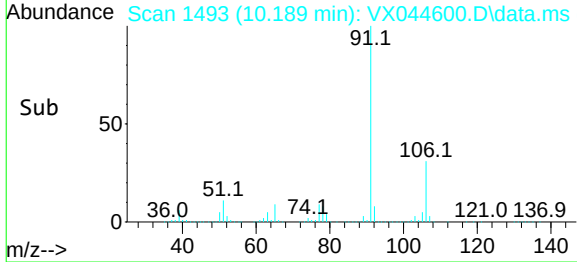
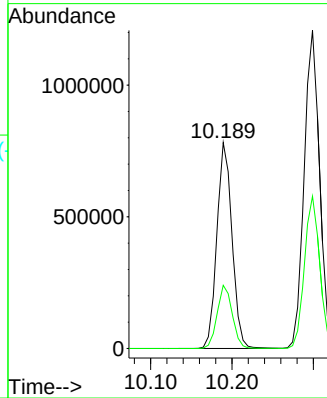
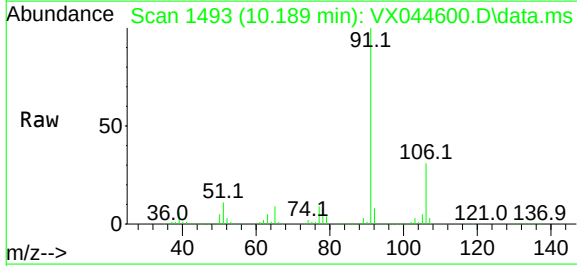
#67
Ethyl Benzene
Concen: 103.973 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1012626
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8

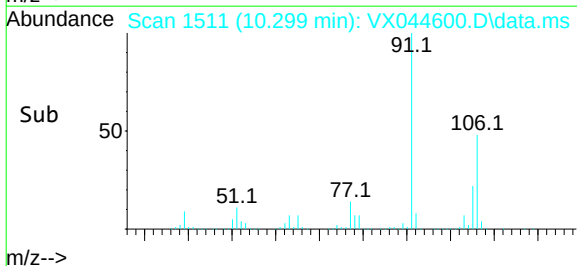
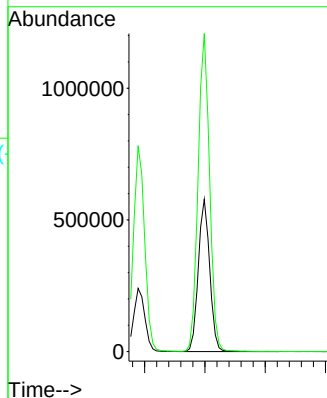
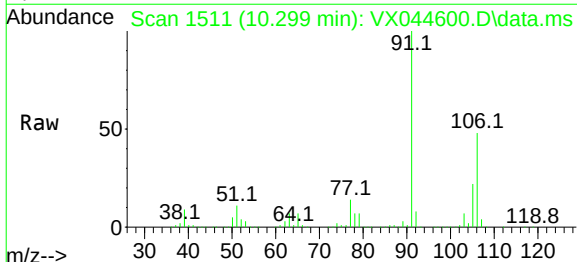
Manual Integrations
APPROVED

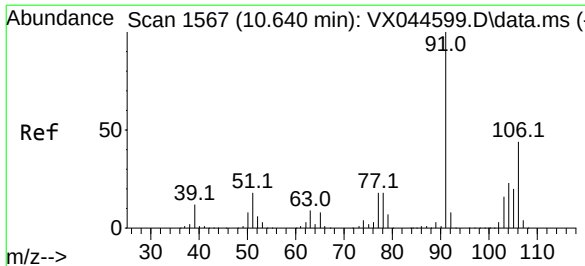
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#68
m/p-Xylenes
Concen: 212.310 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:106 Resp: 759829
Ion Ratio Lower Upper
106 100
91 210.2 170.4 255.6





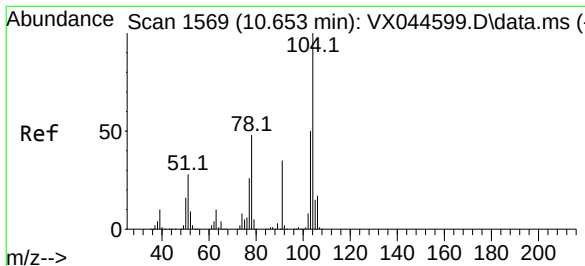
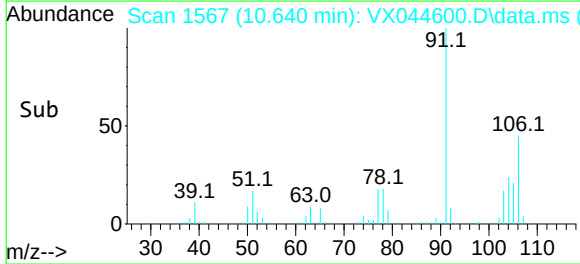
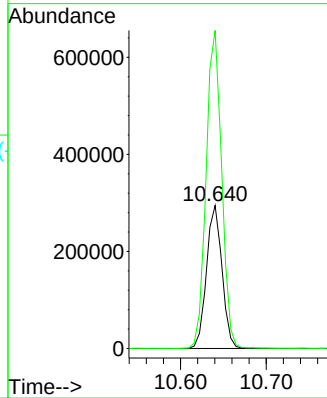
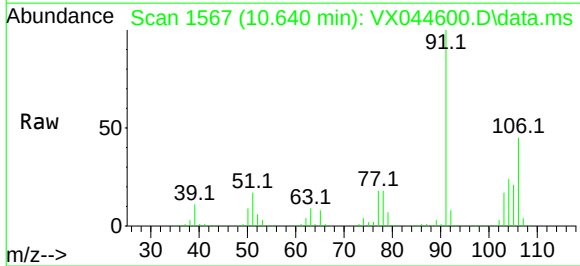
#69
o-Xylene
Concen: 102.549 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 370442
Ion Ratio Lower Upper
106 100
91 223.3 112.3 336.8

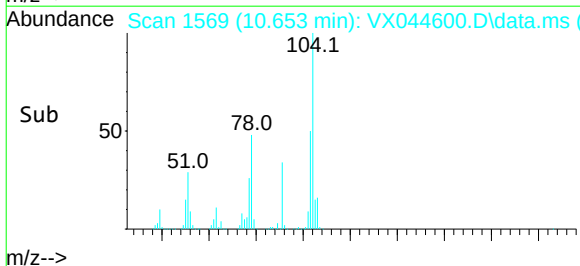
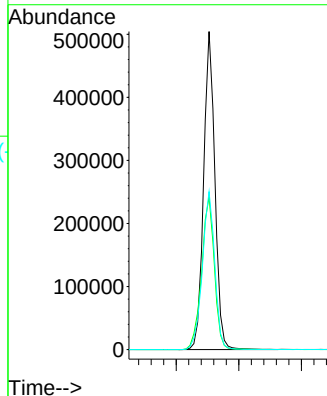
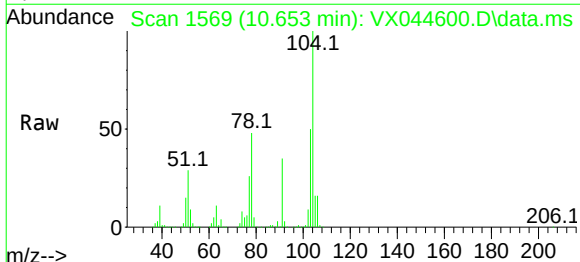
Manual Integrations
APPROVED

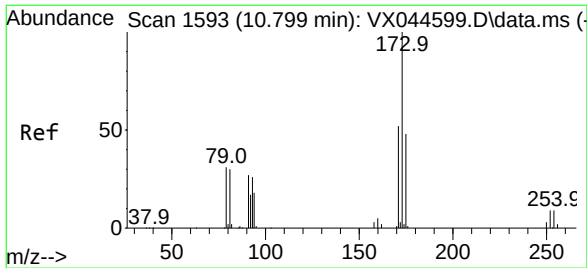
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70
Styrene
Concen: 109.281 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:104 Resp: 631408
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 100.045 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

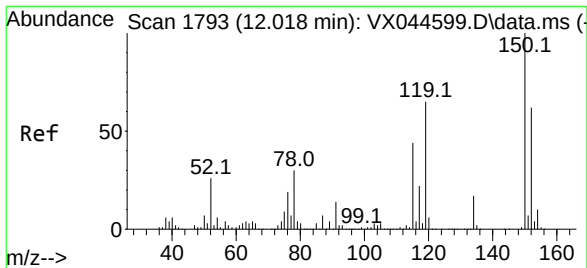
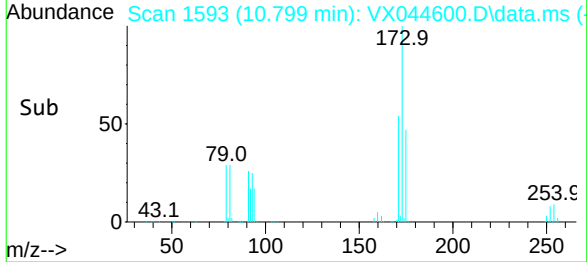
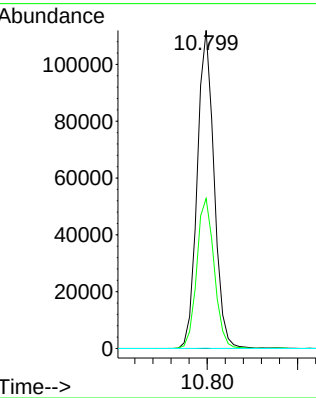
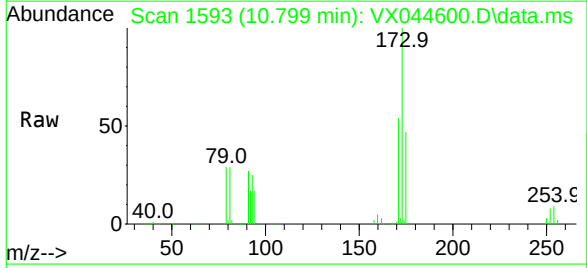
Tgt Ion:	173	Resp:	144682
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	73.8
254	0.0	0.0	0.0

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

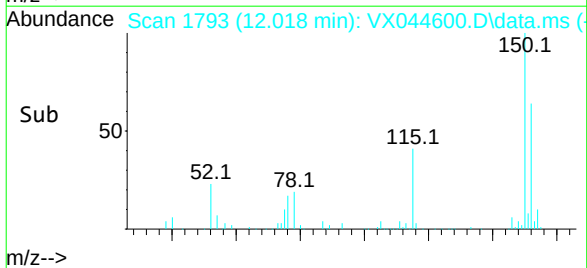
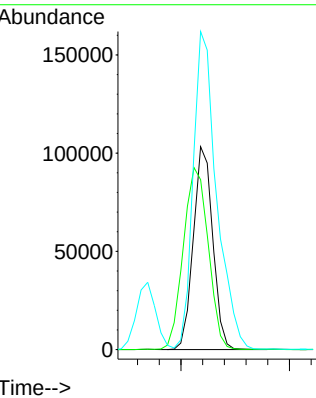
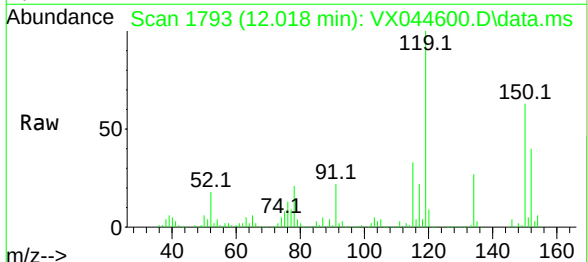
RT: 12.018 min Scan# 1793

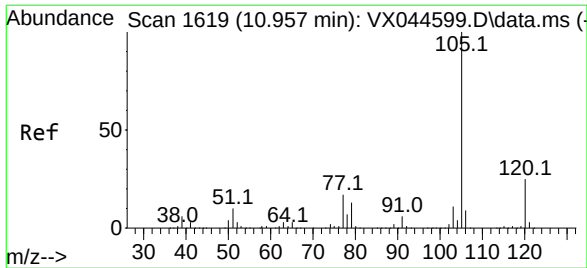
Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	152	Resp:	128628
Ion Ratio	Lower	Upper	
152	100		
115	115.0	44.4	133.1
150	188.8	0.0	355.0





#73

Isopropylbenzene

Concen: 100.962 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 962130

Ion Ratio Lower Upper

105 100

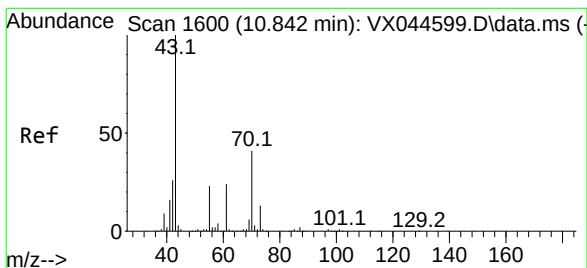
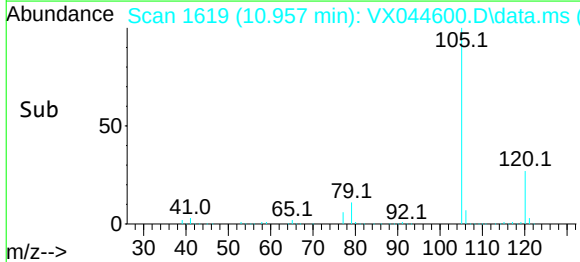
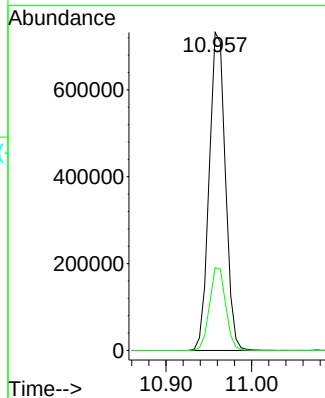
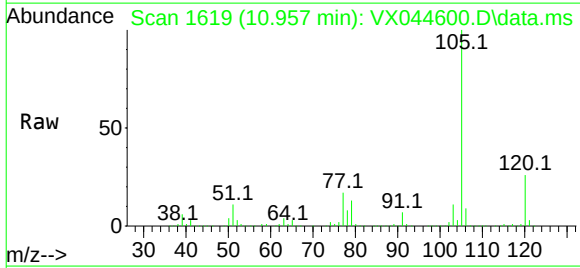
120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

N-ethyl acetate

Concen: 116.075 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion: 43 Resp: 448832

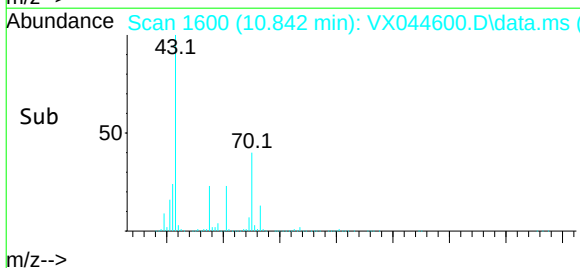
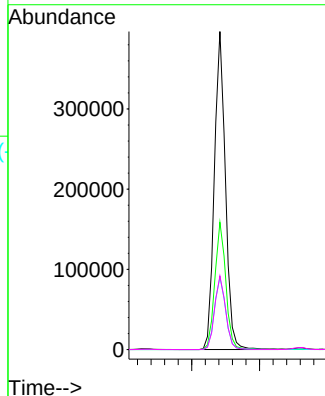
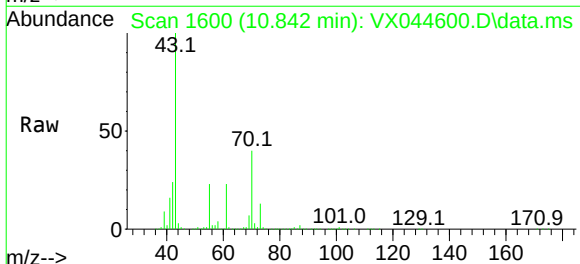
Ion Ratio Lower Upper

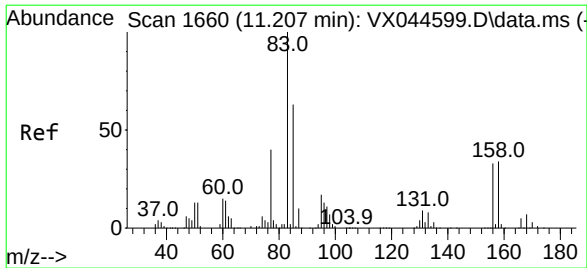
43 100

70 39.8 32.9 49.3

55 23.2 19.0 28.6

61 23.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 97.671 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 300014

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

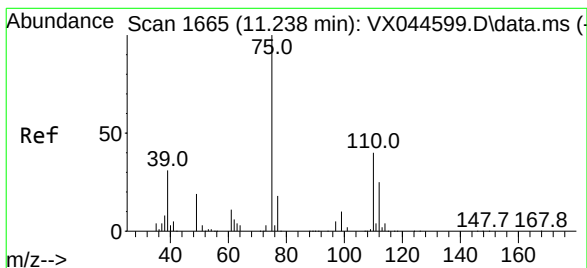
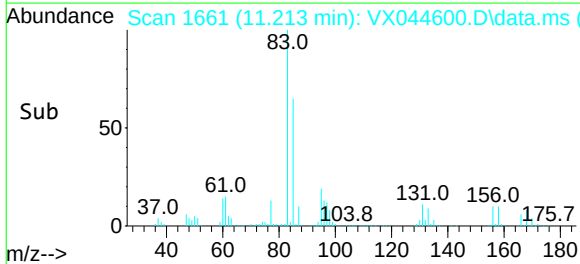
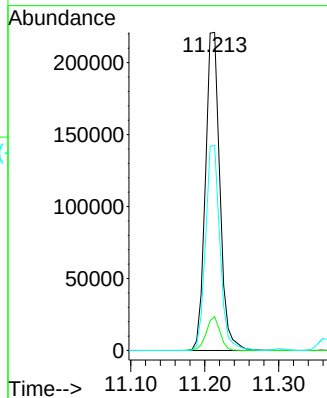
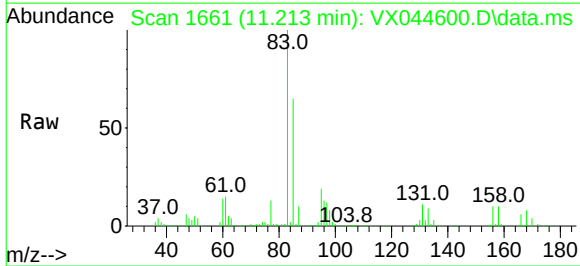
85 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#76

1,2,3-Trichloropropane

Concen: 99.370 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044600.D

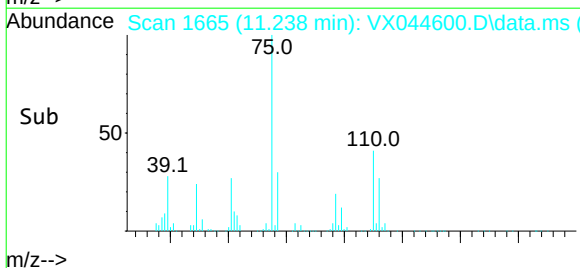
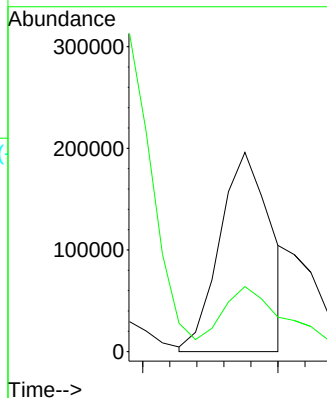
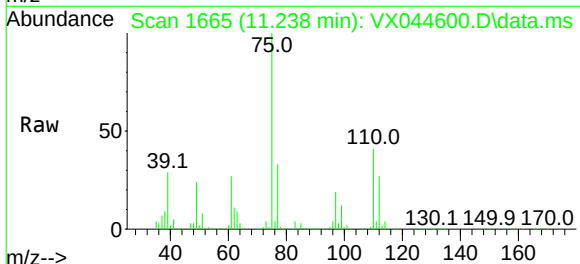
Acq: 07 Jan 2025 11:37

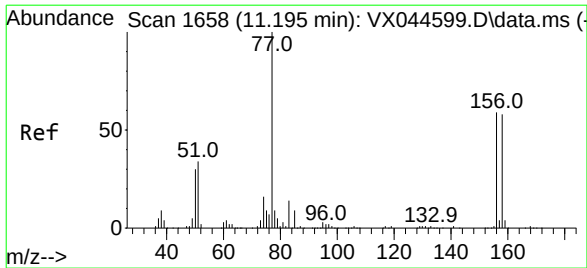
Tgt Ion: 75 Resp: 256224

Ion Ratio Lower Upper

75 100

77 41.8 21.1 63.1





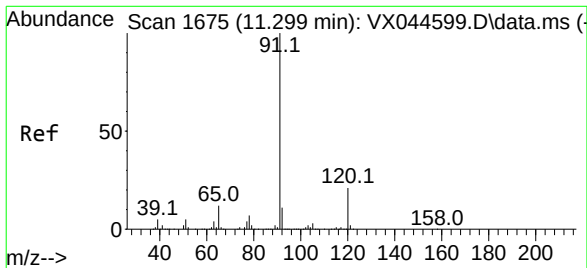
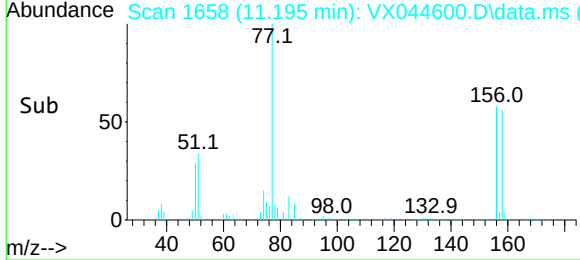
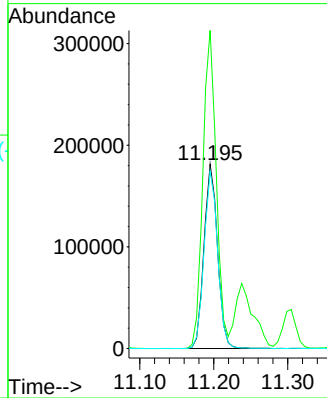
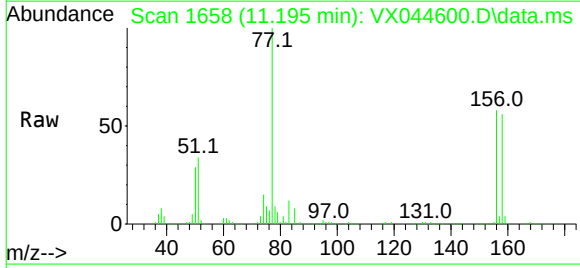
#77
Bromobenzene
Concen: 99.301 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 156 Resp: 229880
Ion Ratio Lower Upper
156 100
77 171.2 85.7 257.1
158 96.4 49.9 149.6

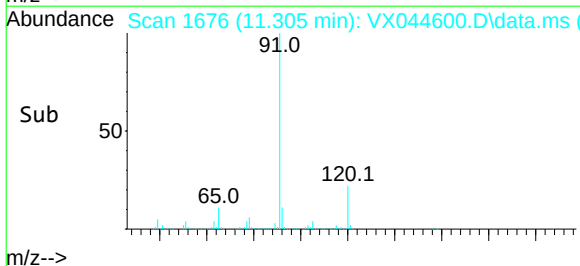
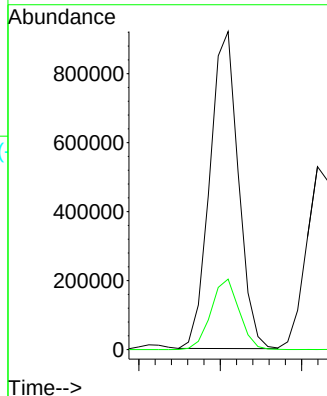
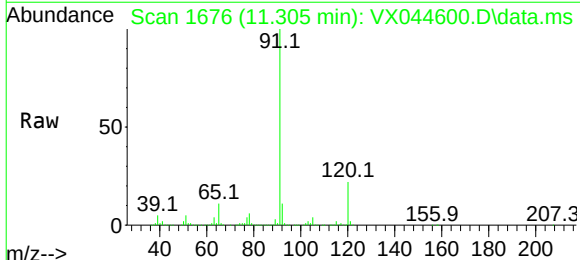
Manual Integrations
APPROVED

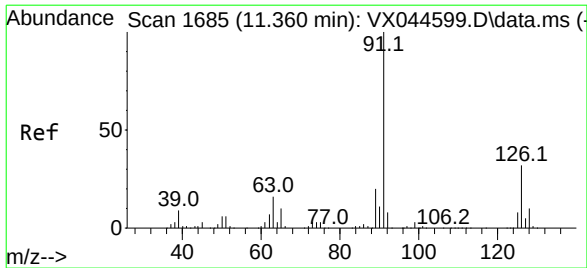
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
n-propylbenzene
Concen: 104.704 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 91 Resp: 1123872
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5





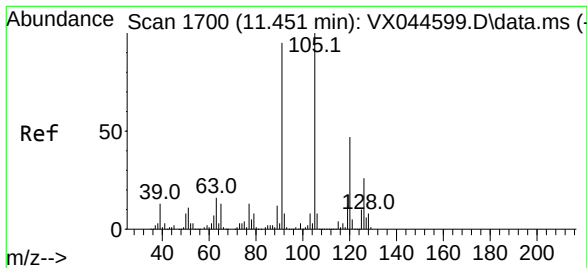
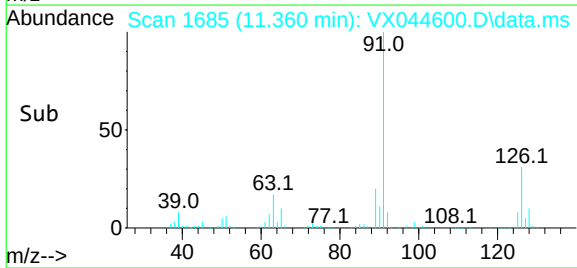
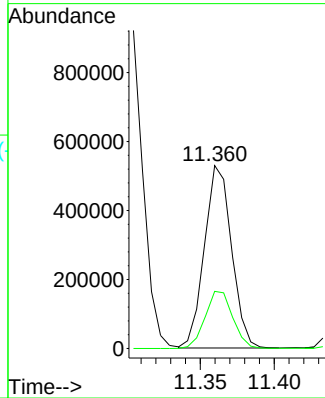
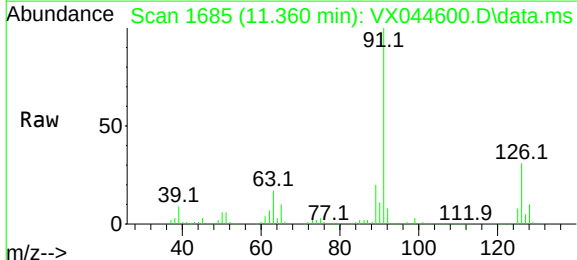
#79
2-Chlorotoluene
Concen: 97.250 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 676433
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.2

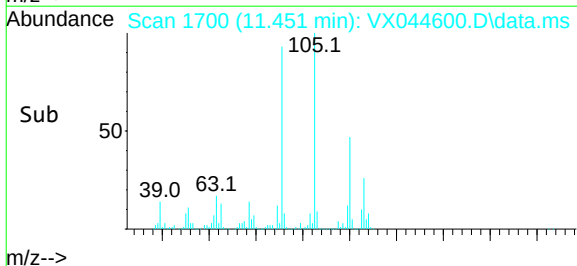
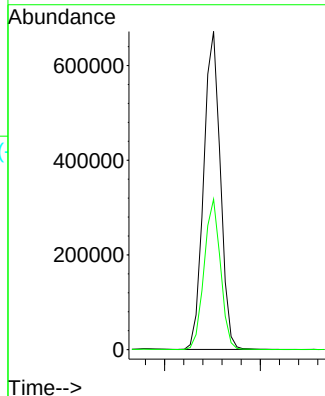
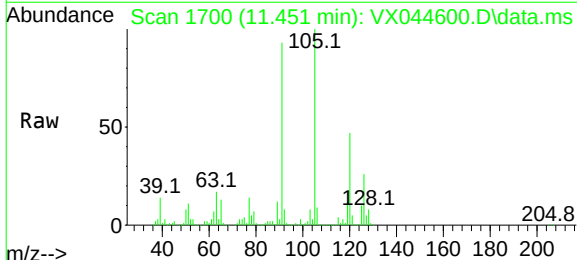
Manual Integrations
APPROVED

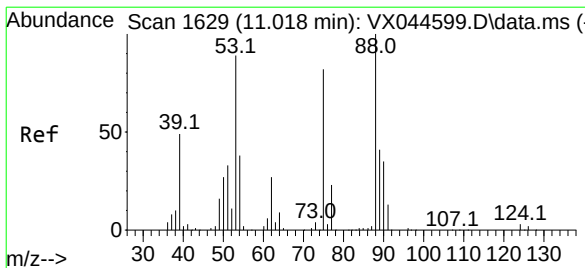
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 102.880 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

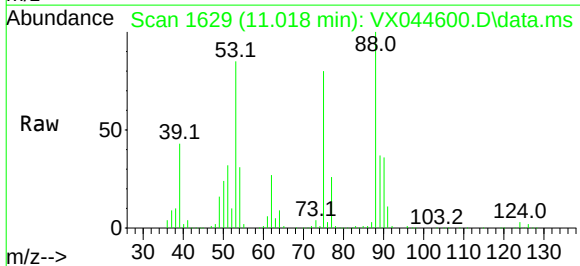
Tgt Ion:105 Resp: 812896
Ion Ratio Lower Upper
105 100
120 46.4 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 113.646 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

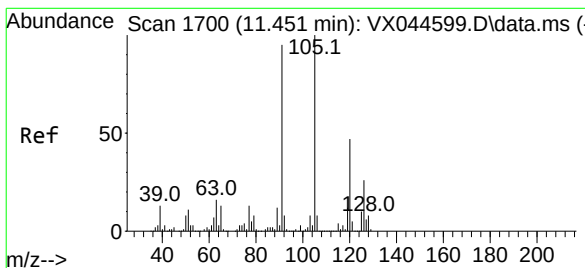
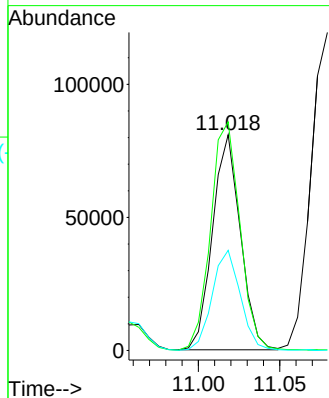
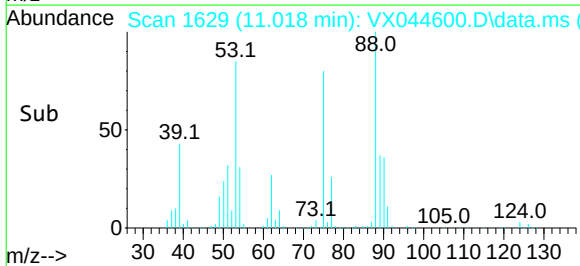
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 96267
Ion Ratio Lower Upper
75 100
53 112.8 92.7 139.1
89 46.9 38.3 57.5

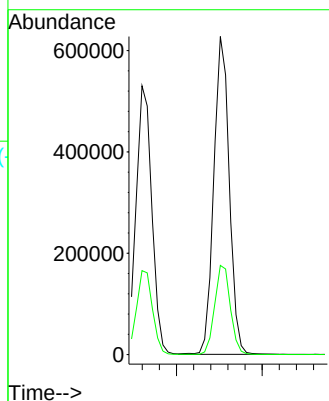
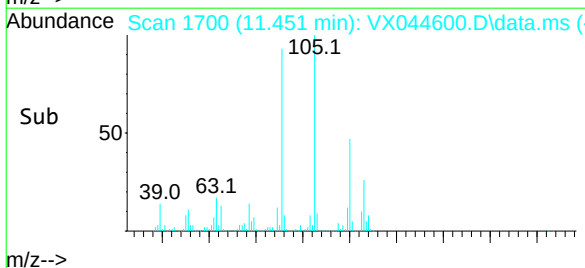
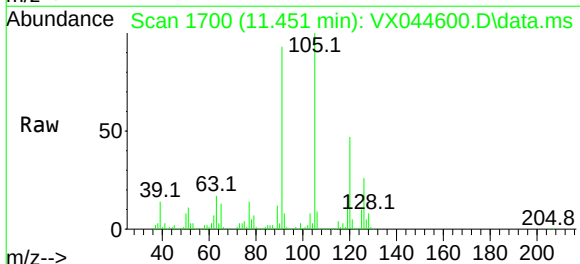
Manual Integrations
APPROVED

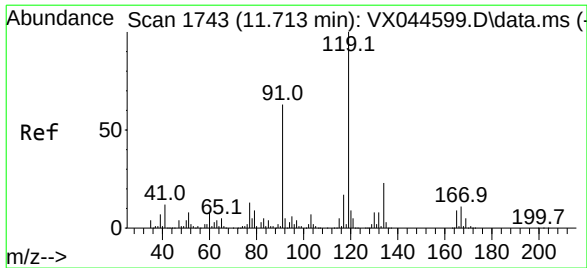
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
4-Chlorotoluene
Concen: 100.727 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 91 Resp: 788178
Ion Ratio Lower Upper
91 100
126 28.5 14.0 42.0





#83

tert-Butylbenzene

Concen: 102.037 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

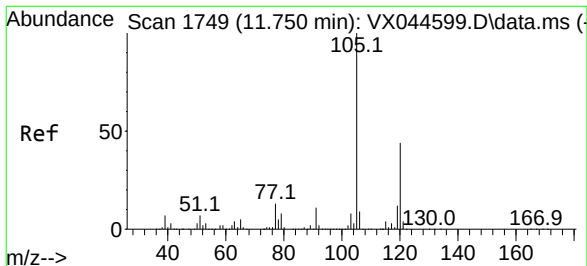
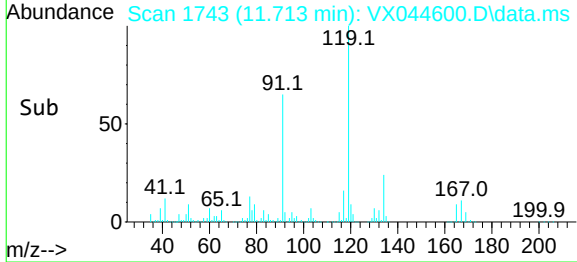
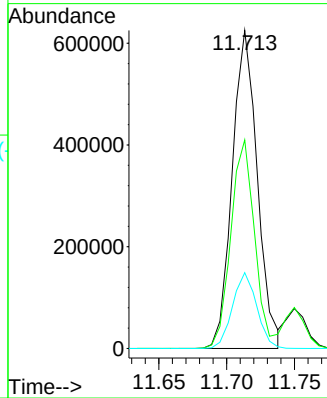
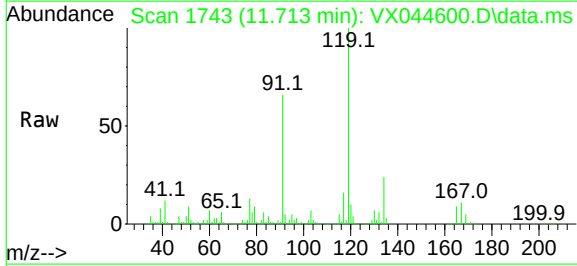
Tgt Ion:	119	Resp:	802790
Ion Ratio	Lower	Upper	
119	100		
91	62.8	30.9	92.8
134	23.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 102.161 ug/l

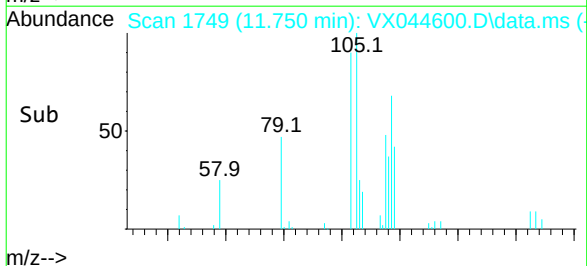
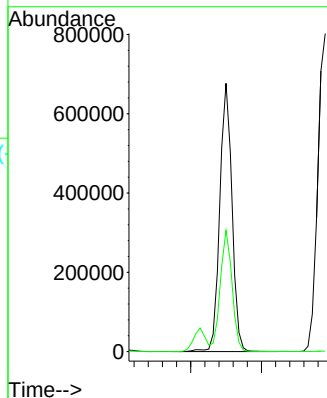
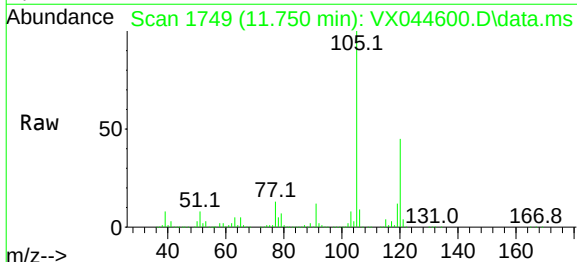
RT: 11.750 min Scan# 1749

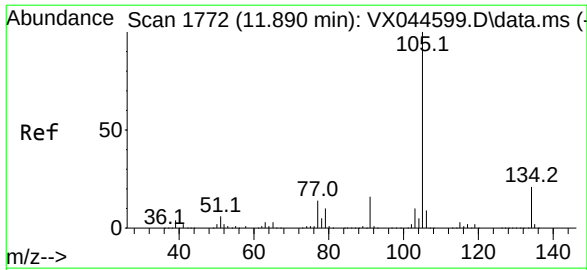
Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	105	Resp:	810865
Ion Ratio	Lower	Upper	
105	100		
120	43.7	21.9	65.7





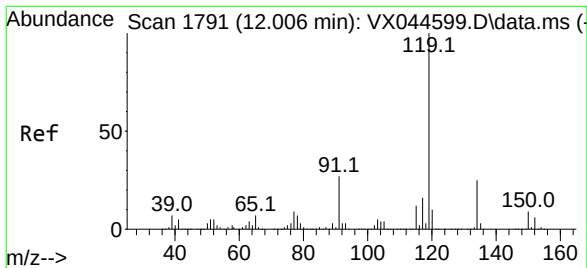
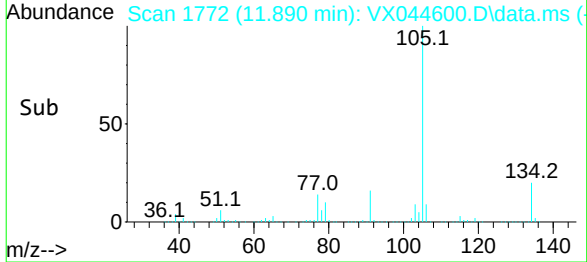
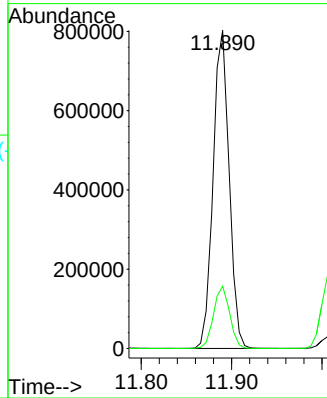
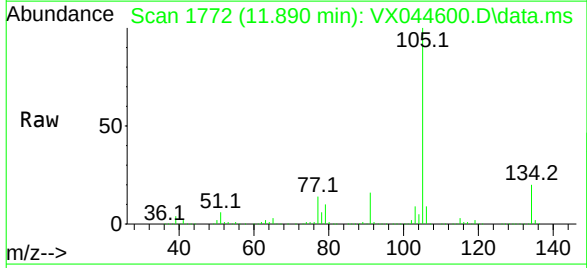
#85
sec-Butylbenzene
Concen: 103.145 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 988328
Ion Ratio Lower Upper
105 100
134 19.7 9.9 29.7

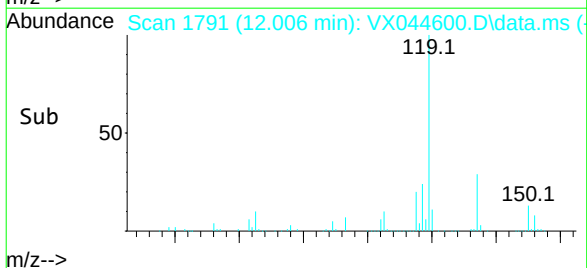
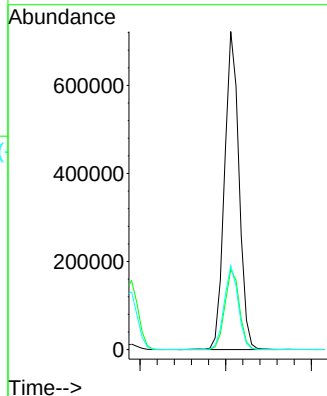
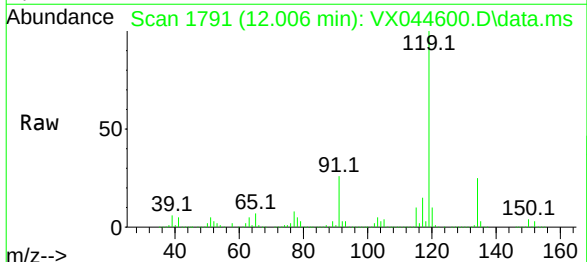
Manual Integrations
APPROVED

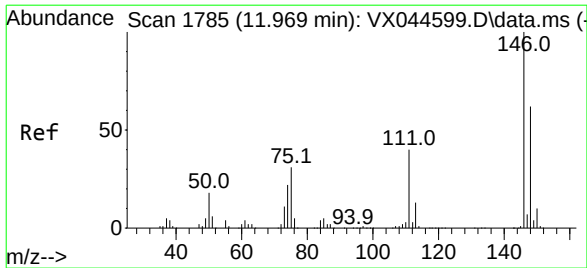
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#86
p-Isopropyltoluene
Concen: 105.534 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion:119 Resp: 848479
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 25.6 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 100.060 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 419032

Ion Ratio Lower Upper

146 100

111 42.3 21.0 63.0

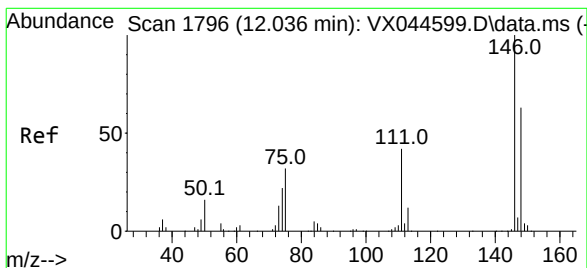
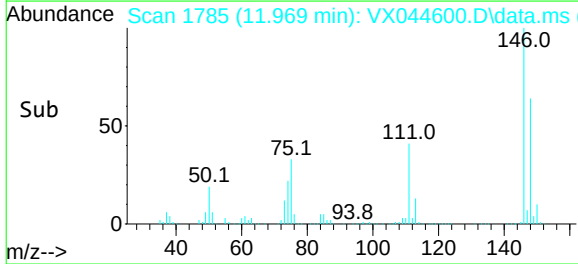
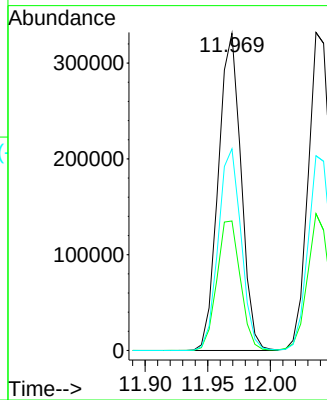
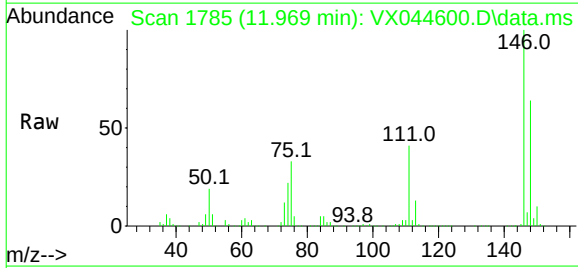
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#88

1,4-Dichlorobenzene

Concen: 96.532 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

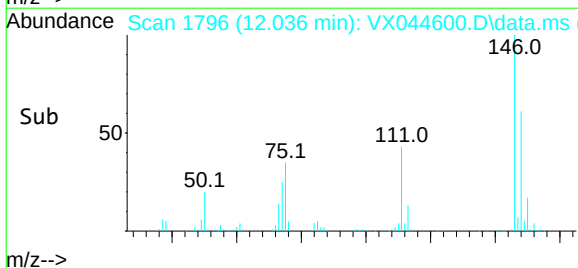
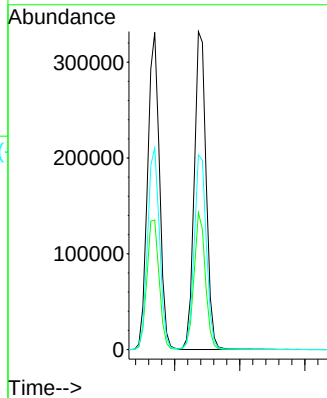
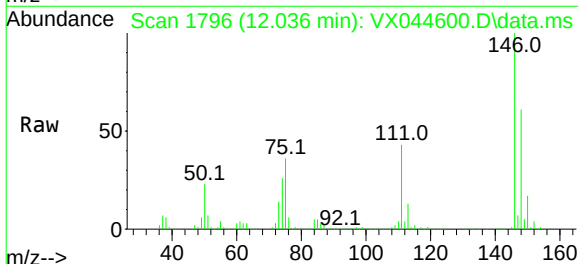
Tgt Ion:146 Resp: 421191

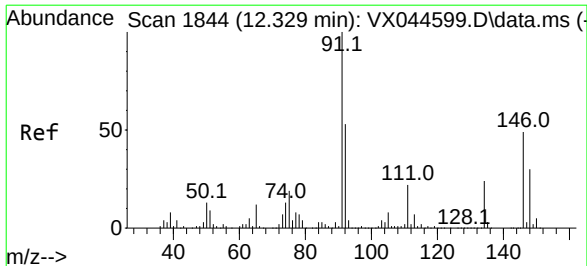
Ion Ratio Lower Upper

146 100

111 40.9 20.7 62.1

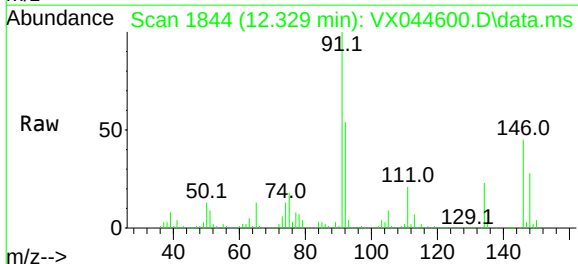
148 62.4 31.8 95.4





#89
n-Butylbenzene
Concen: 112.811 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

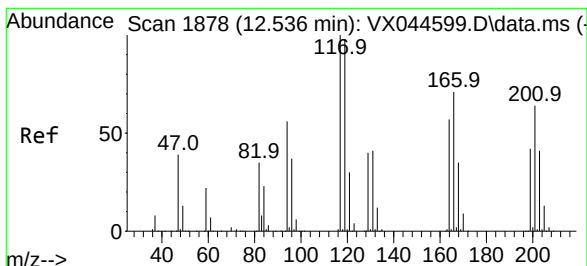
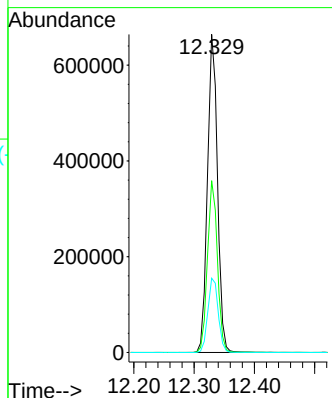
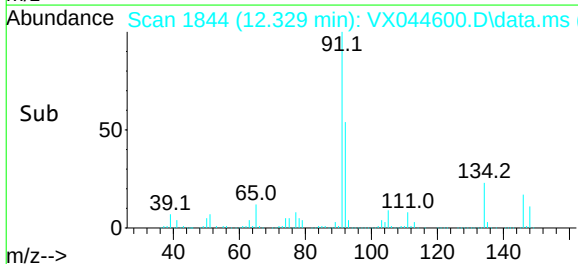
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 765855
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 24.3 12.4 37.2

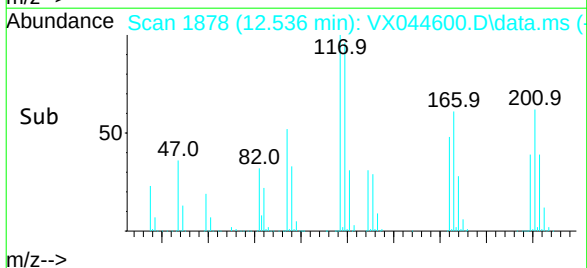
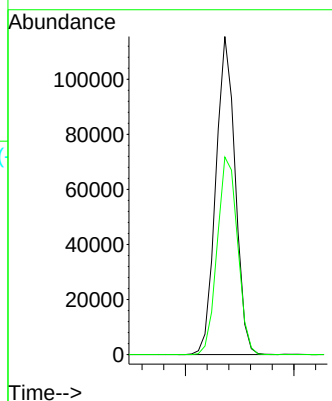
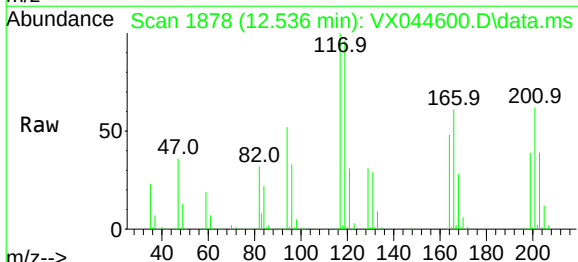
Manual Integrations
APPROVED

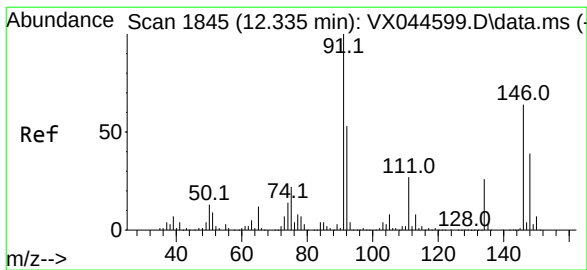
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#90
Hexachloroethane
Concen: 111.076 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

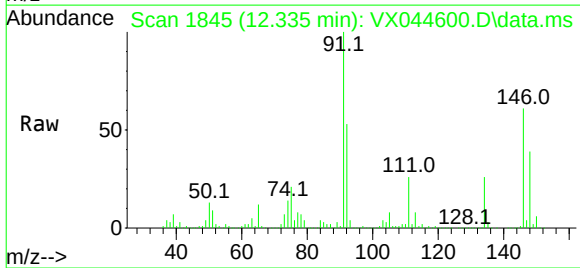
Tgt Ion:117 Resp: 143461
Ion Ratio Lower Upper
117 100
201 65.3 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 97.964 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

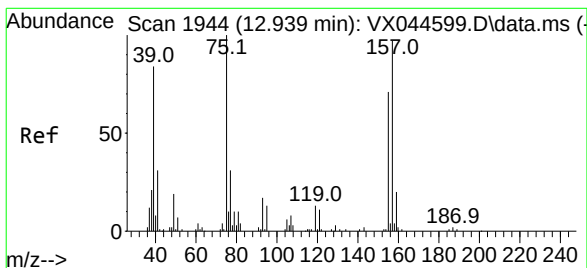
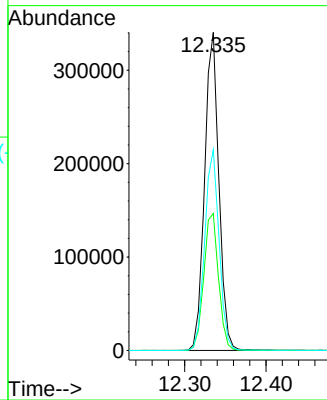
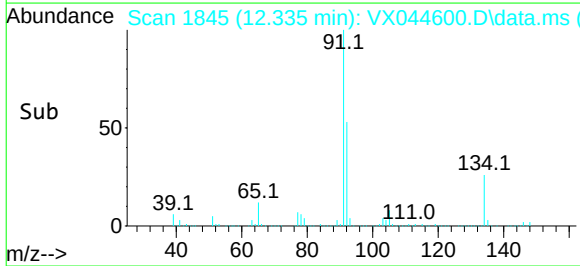
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 146 Resp: 414572
Ion Ratio Lower Upper
146 100
111 44.7 21.8 65.4
148 63.6 31.1 93.3

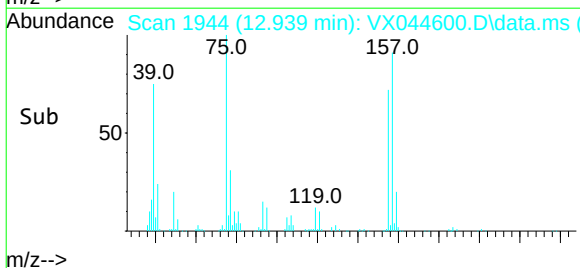
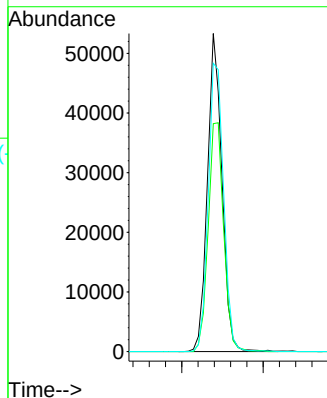
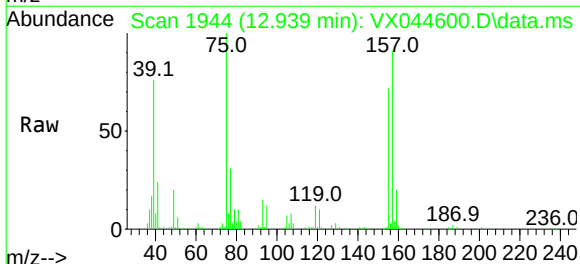
Manual Integrations
APPROVED

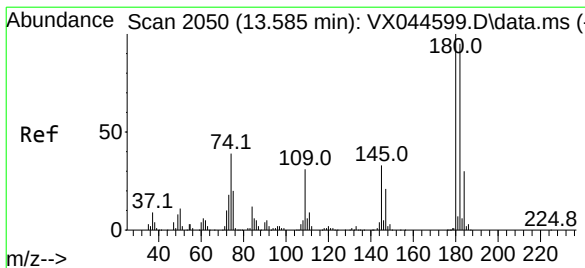
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 113.620 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044600.D
Acq: 07 Jan 2025 11:37

Tgt Ion: 75 Resp: 66164
Ion Ratio Lower Upper
75 100
155 76.6 37.4 112.1
157 96.0 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 105.934 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

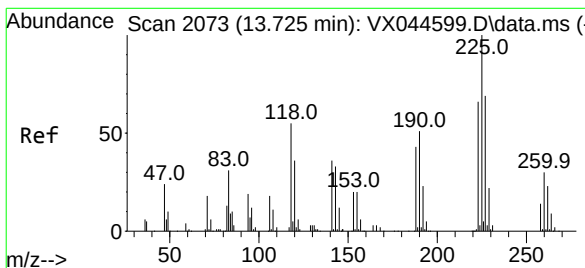
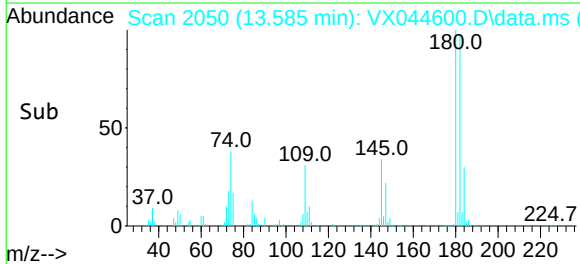
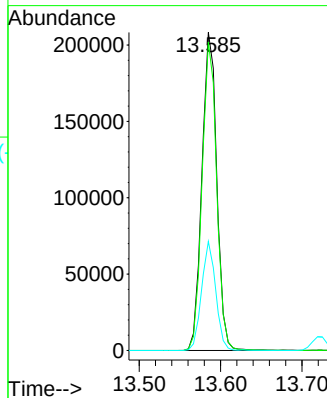
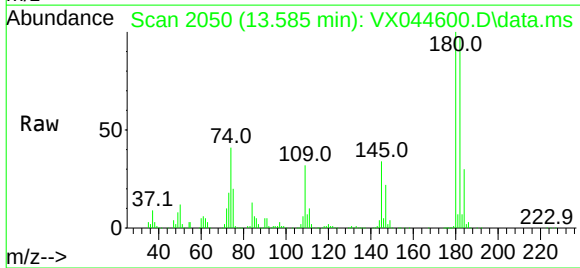
Tgt Ion:	180	Resp:	263479
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.9	143.6
145	32.7	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#94

Hexachlorobutadiene

Concen: 102.333 ug/l

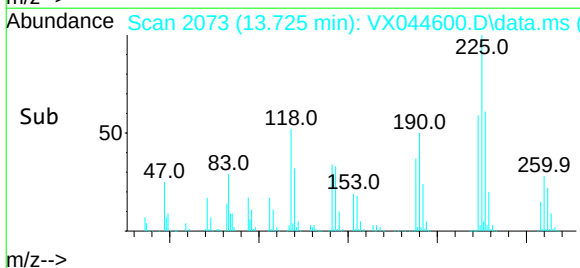
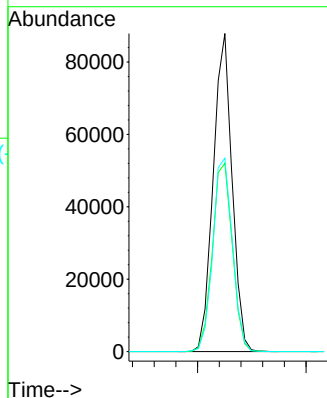
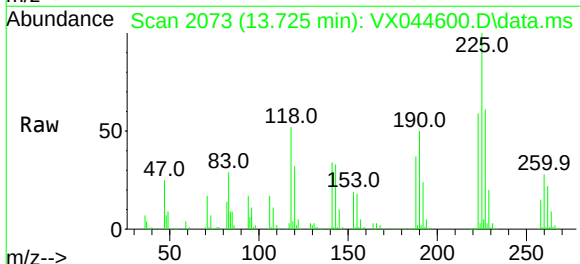
RT: 13.725 min Scan# 2073

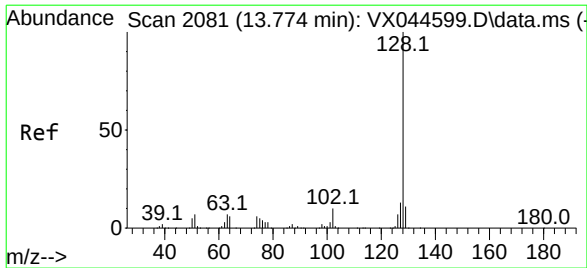
Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	225	Resp:	105982
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.6	94.8
227	63.3	31.9	95.9





#95

Naphthalene

Concen: 110.159 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

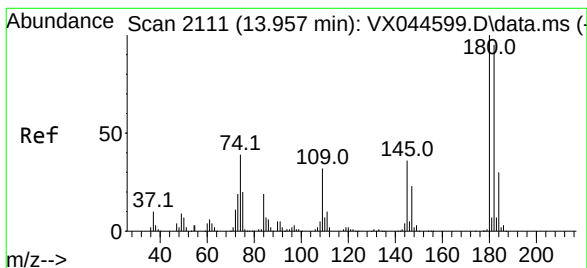
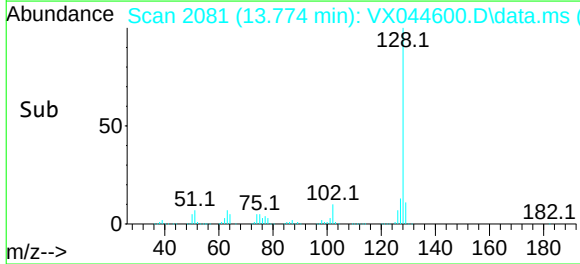
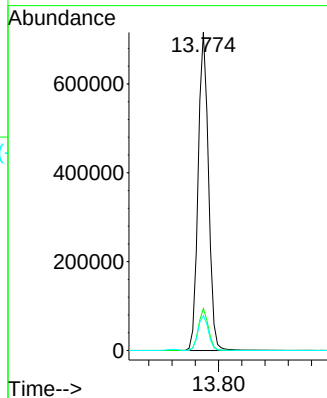
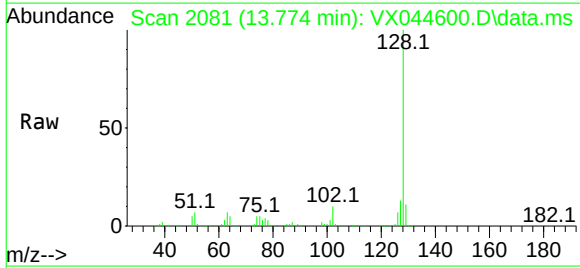
Tgt Ion:	128	Resp:	884039
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 103.439 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044600.D

Acq: 07 Jan 2025 11:37

Tgt Ion:	180	Resp:	262997
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	35.0	17.6	52.9

