

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046013.D
 Acq On : 02 May 2025 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 13:00:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	150204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80096	49.675	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.360%		
35) Dibromofluoromethane	5.373	113	56386	52.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.820%		
50) Toluene-d8	8.647	98	180362	48.488	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	75473	55.704	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60778	46.093	ug/l	97
3) Chloromethane	1.307	50	62239	45.945	ug/l	100
4) Vinyl Chloride	1.374	62	57112	46.069	ug/l	100
5) Bromomethane	1.593	94	27349	46.527	ug/l	98
6) Chloroethane	1.666	64	33407	50.792	ug/l	98
7) Trichlorofluoromethane	1.874	101	95350	51.579	ug/l	98
8) Diethyl Ether	2.130	74	31206	50.280	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	58844	54.322	ug/l	97
10) Methyl Iodide	2.441	142	68859	50.963	ug/l	98
11) Tert butyl alcohol	2.977	59	55495	256.099	ug/l	99
12) 1,1-Dichloroethene	2.306	96	51972	49.101	ug/l	98
13) Acrolein	2.233	56	61789	207.066	ug/l	100
14) Allyl chloride	2.654	41	105708	52.634	ug/l	100
15) Acrylonitrile	3.062	53	177096	258.903	ug/l	99
16) Acetone	2.380	43	187411	283.057	ug/l	98
17) Carbon Disulfide	2.502	76	111650	42.708	ug/l	98
18) Methyl Acetate	2.703	43	101484	66.574	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198692	53.661	ug/l	99
20) Methylene Chloride	2.782	84	63418	51.163	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	53929	49.871	ug/l	98
22) Diisopropyl ether	3.757	45	210949	53.322	ug/l	98
23) Vinyl Acetate	3.715	43	891017	260.678	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115524	51.634	ug/l	99
25) 2-Butanone	4.550	43	260536	268.823	ug/l	99
26) 2,2-Dichloropropane	4.465	77	91460	63.271	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	67364	51.132	ug/l	98
28) Bromochloromethane	4.891	49	52421	48.485	ug/l	99
29) Tetrahydrofuran	5.001	42	159133	253.256	ug/l	99
30) Chloroform	5.080	83	120785	52.466	ug/l	95
31) Cyclohexane	5.458	56	97481	49.284	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	103665	53.216	ug/l	98
36) 1,1-Dichloropropene	5.678	75	76624	53.251	ug/l	98
37) Ethyl Acetate	4.708	43	94033	51.857	ug/l	99
38) Carbon Tetrachloride	5.666	117	89136	57.318	ug/l	99
39) Methylcyclohexane	7.373	83	95455	54.119	ug/l	97
40) Benzene	6.031	78	229520	52.228	ug/l	98

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Quant Time: May 02 13:00:04 2025
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 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55854	58.378	ug/l	98
42) 1,2-Dichloroethane	6.080	62	99897	55.038	ug/l	99
43) Isopropyl Acetate	6.336	43	152339	55.430	ug/l	100
44) Trichloroethene	7.117	130	55297	52.940	ug/l	96
45) 1,2-Dichloropropane	7.421	63	59078	53.880	ug/l	94
46) Dibromomethane	7.574	93	45867	54.493	ug/l	98
47) Bromodichloromethane	7.818	83	94830	56.415	ug/l	98
48) Methyl methacrylate	7.690	41	80247	56.551	ug/l	99
49) 1,4-Dioxane	7.659	88	27278	1062.490	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	509267	279.523	ug/l	100
52) Toluene	8.714	92	140479	52.828	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85296	52.640	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	92674	58.669	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57767	54.516	ug/l	98
56) Ethyl methacrylate	9.110	69	96287	58.715	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100671	54.558	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	242306	292.081	ug/l	100
59) 2-Hexanone	9.427	43	375872	278.594	ug/l	100
60) Dibromochloromethane	9.519	129	66562	57.619	ug/l	100
61) 1,2-Dibromoethane	9.604	107	59620	55.581	ug/l	100
64) Tetrachloroethene	9.269	164	52160	56.056	ug/l	97
65) Chlorobenzene	10.073	112	154514	54.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55301	56.561	ug/l	98
67) Ethyl Benzene	10.189	91	284404	56.387	ug/l	99
68) m/p-Xylenes	10.299	106	204868	111.677	ug/l	99
69) o-Xylene	10.640	106	102319	56.619	ug/l	100
70) Styrene	10.653	104	173217	58.075	ug/l	99
71) Bromoform	10.799	173	43677	59.828	ug/l #	99
73) Isopropylbenzene	10.957	105	274941	53.704	ug/l	99
74) N-amyl acetate	10.842	43	130414	53.253	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89012	49.494	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78788m	50.537	ug/l	
77) Bromobenzene	11.195	156	62004	52.417	ug/l	99
78) n-propylbenzene	11.299	91	324182	54.975	ug/l	100
79) 2-Chlorotoluene	11.360	91	199253	52.854	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	231731	54.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25272	55.016	ug/l	98
82) 4-Chlorotoluene	11.451	91	228256	54.305	ug/l	99
83) tert-Butylbenzene	11.713	119	227132	54.192	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	235077	55.325	ug/l	99
85) sec-Butylbenzene	11.890	105	288921	56.125	ug/l	99
86) p-Isopropyltoluene	12.006	119	241820	56.978	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115417	53.602	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113949	52.200	ug/l	99
89) n-Butylbenzene	12.329	91	218737	59.435	ug/l	100
90) Hexachloroethane	12.536	117	42340	58.049	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	113389	52.967	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20749	55.166	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	67859	56.947	ug/l	99
94) Hexachlorobutadiene	13.725	225	28993	56.463	ug/l	98
95) Naphthalene	13.774	128	241248	54.403	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	69807	55.945	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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



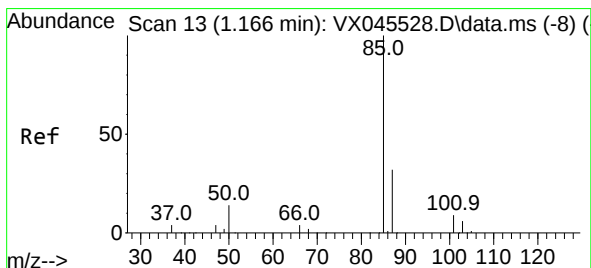
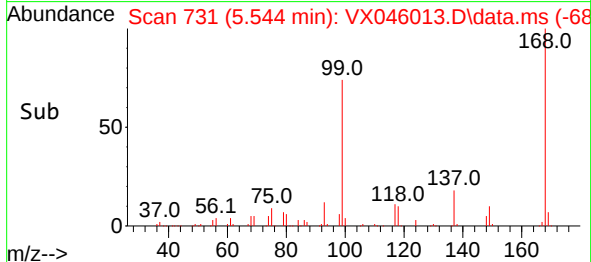
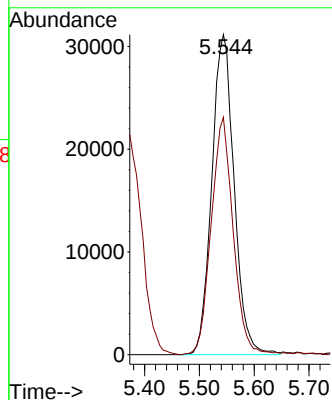
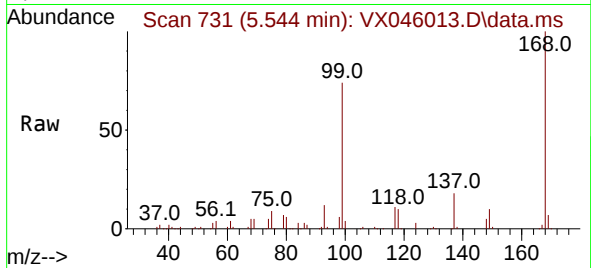
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 88170
Ion Ratio Lower Upper
168 100
99 74.2 52.3 78.5

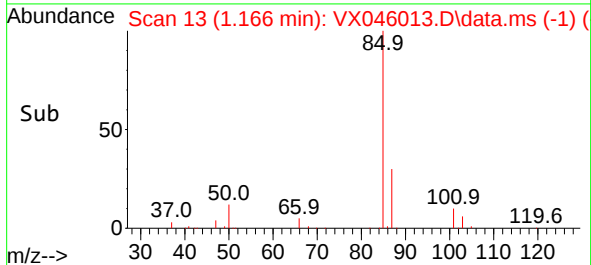
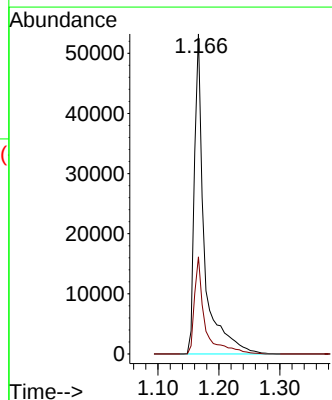
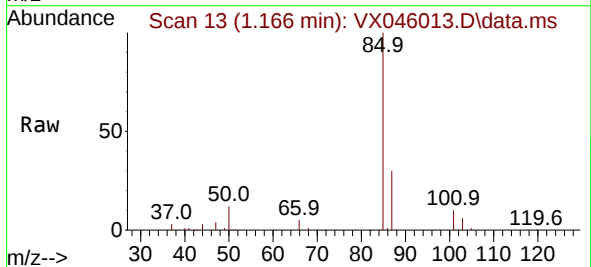
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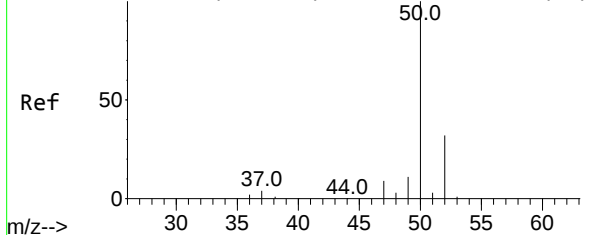


#2
Dichlorodifluoromethane
Concen: 46.093 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 85 Resp: 60778
Ion Ratio Lower Upper
85 100
87 30.3 16.1 48.2



Abundance Scan 36 (1.307 min): VX045528.D\data.ms (-30)



#3

Chloromethane

Concen: 45.945 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 62239

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9

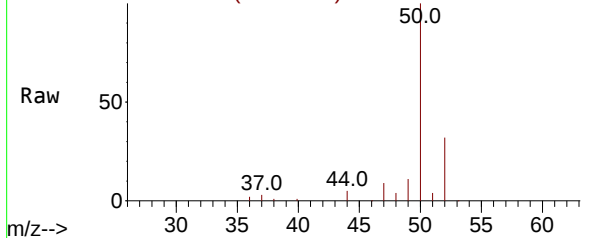
Manual Integrations

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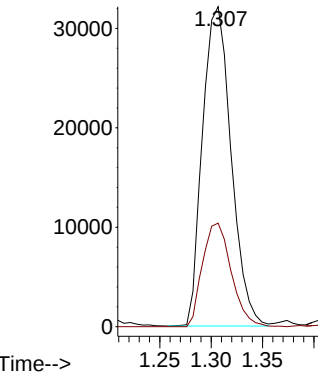
Reviewed By :John Carlone 05/02/2025

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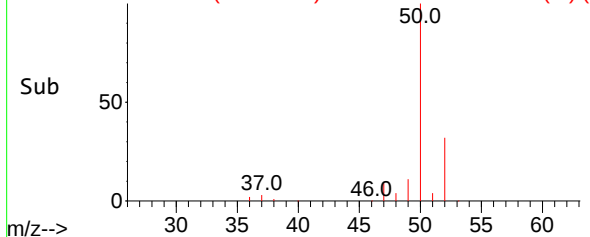
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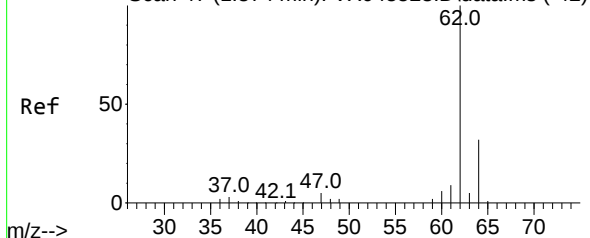
Abundance



Abundance Scan 36 (1.307 min): VX046013.D\data.ms (-1)



Abundance Scan 47 (1.374 min): VX045528.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 46.069 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

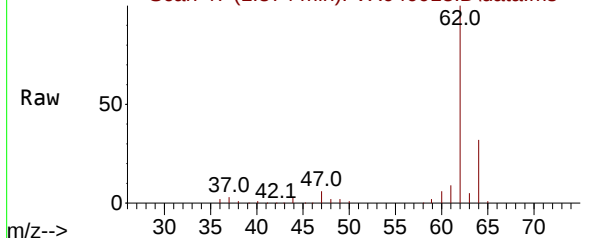
Tgt Ion: 62 Resp: 57112

Ion Ratio Lower Upper

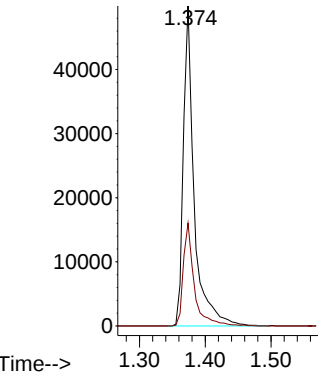
62 100

64 32.2 25.5 38.3

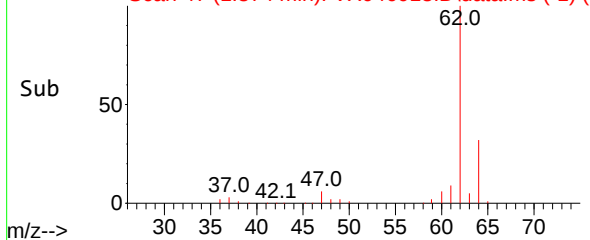
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Abundance



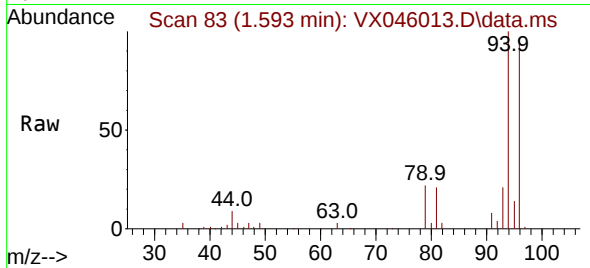
Abundance Scan 47 (1.374 min): VX046013.D\data.ms (-1)





#5
Bromomethane
Concen: 46.527 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

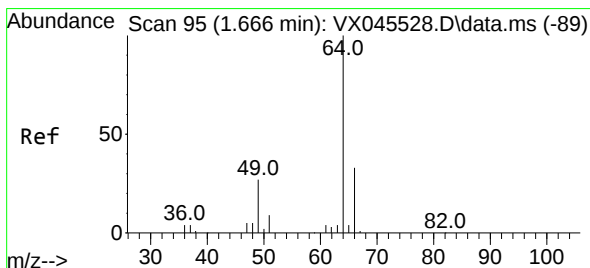
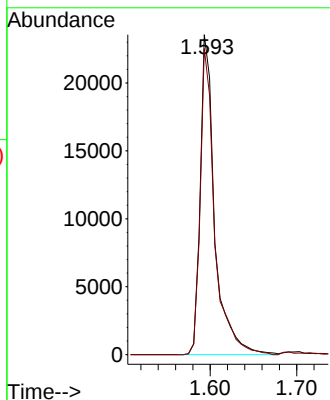
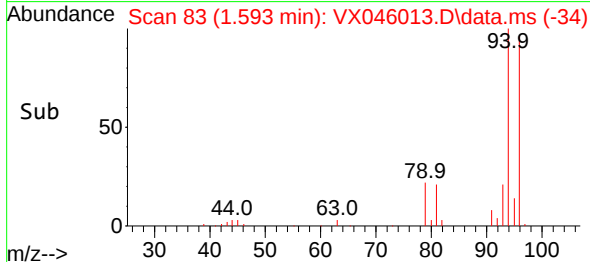
Instrument :
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Tgt Ion: 94 Resp: 27349
Ion Ratio Lower Upper
94 100
96 95.7 74.8 112.2

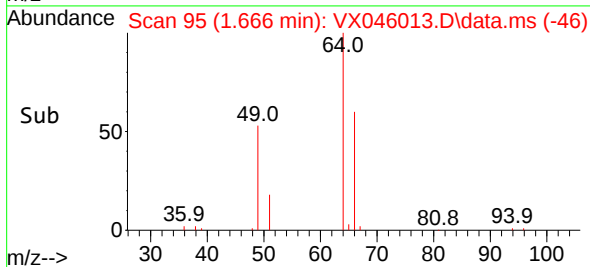
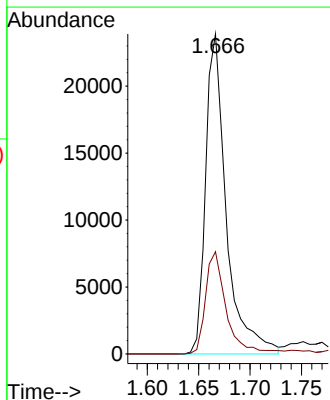
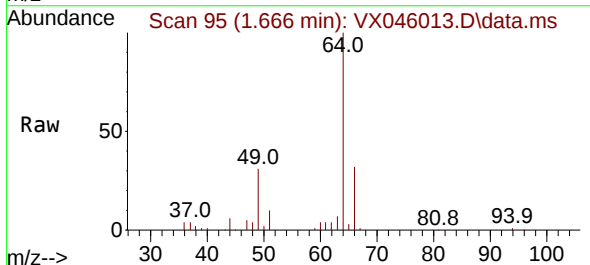
Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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#6
Chloroethane
Concen: 50.792 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

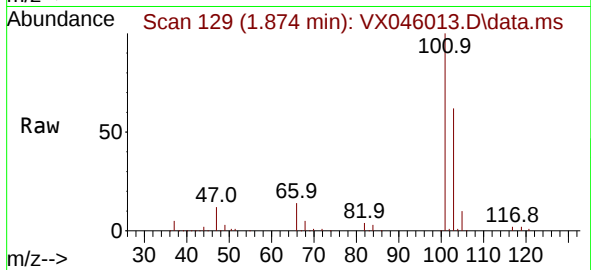
Tgt Ion: 64 Resp: 33407
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.579 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046013.D
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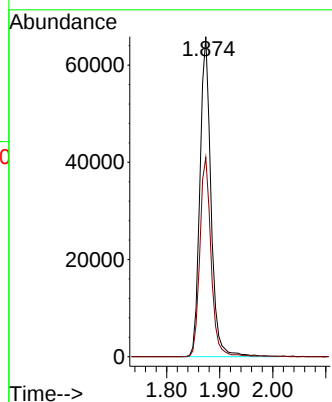
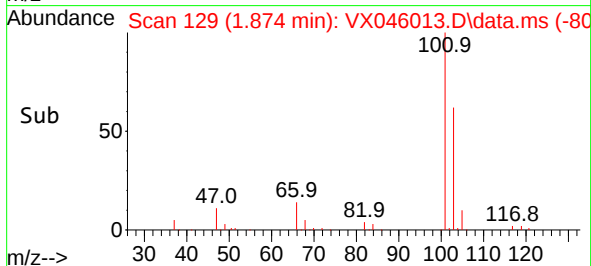
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 95350
Ion Ratio Lower Upper
101 100
103 62.2 51.1 76.7

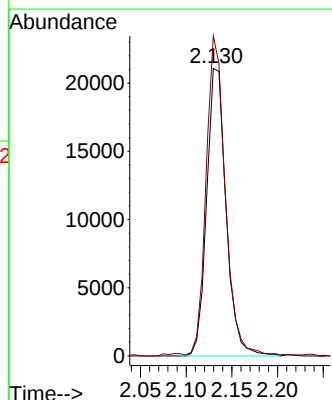
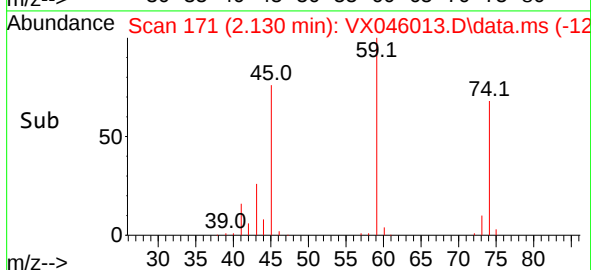
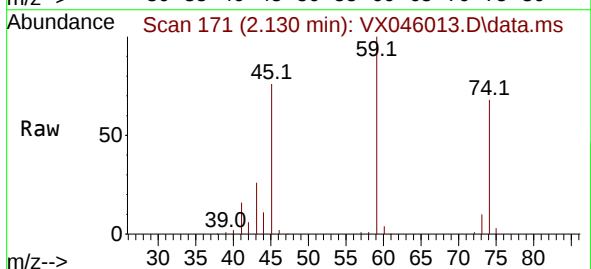
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#8
Diethyl Ether
Concen: 50.280 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 74 Resp: 31206
Ion Ratio Lower Upper
74 100
45 110.7 53.0 159.1





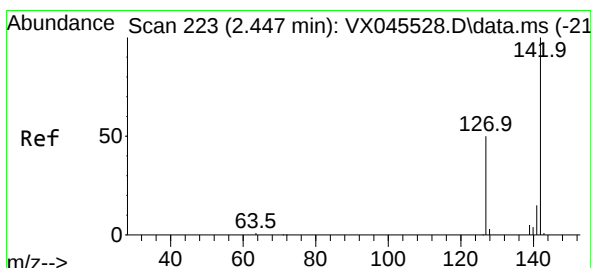
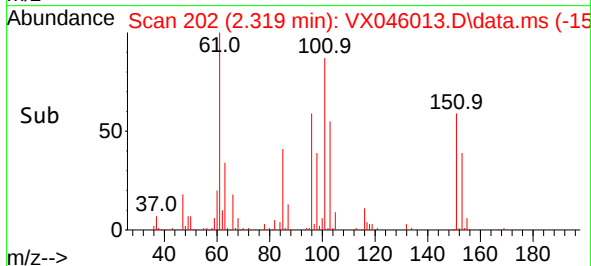
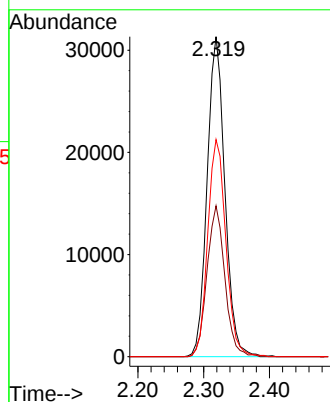
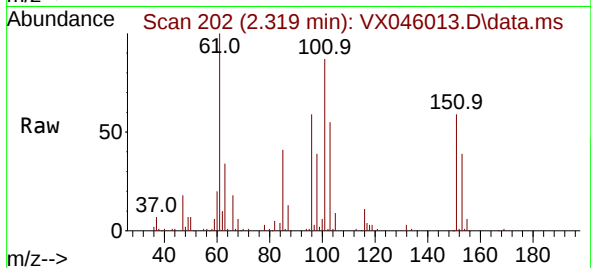
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.322 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
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Tgt Ion:101 Resp: 5884
Ion Ratio Lower Upper
101 100
85 47.4 38.9 58.3
151 69.4 57.5 86.3

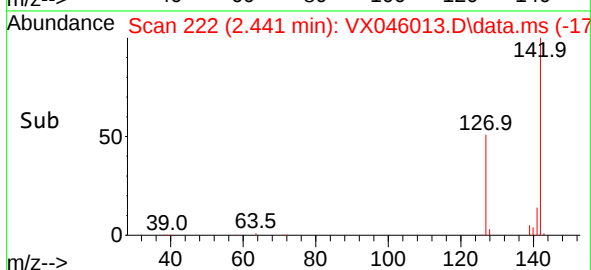
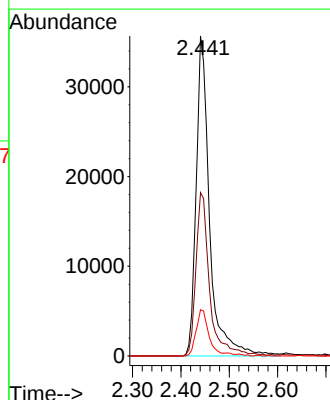
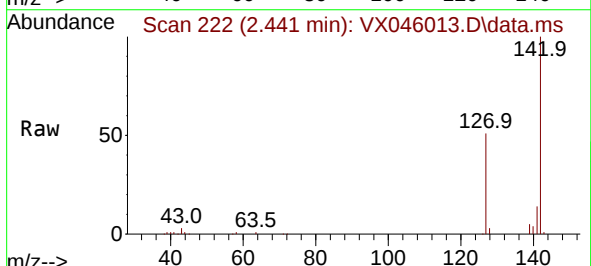
Manual Integrations
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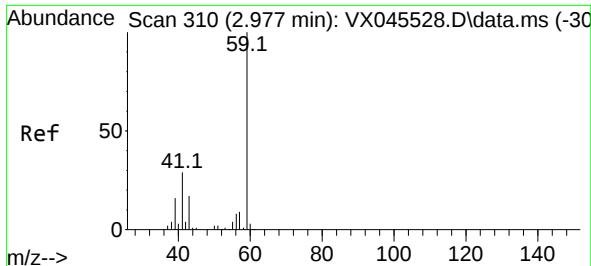
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 50.963 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:142 Resp: 68859
Ion Ratio Lower Upper
142 100
127 52.1 40.2 60.4
141 14.3 11.7 17.5





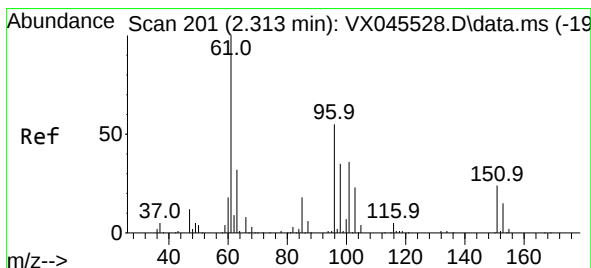
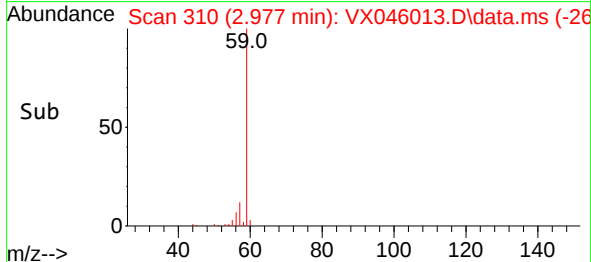
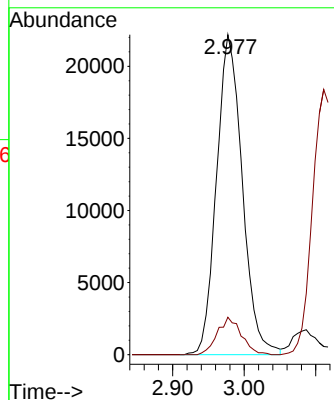
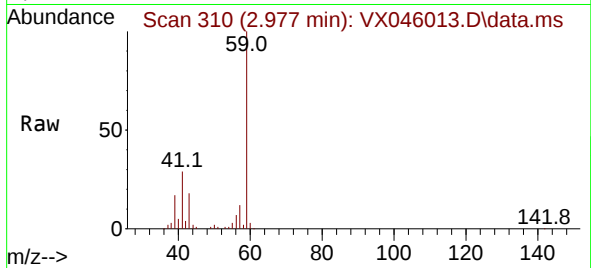
#11
Tert butyl alcohol
Concen: 256.099 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5549
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

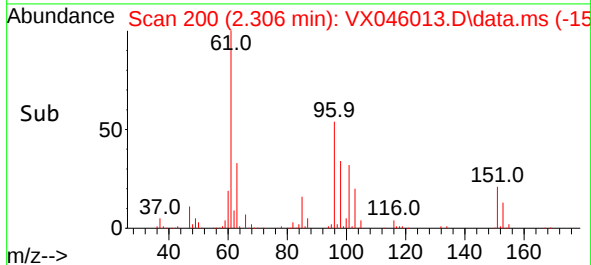
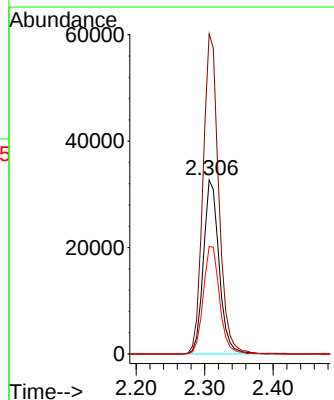
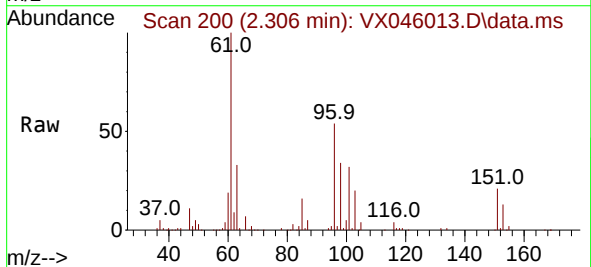
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#12
1,1-Dichloroethene
Concen: 49.101 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

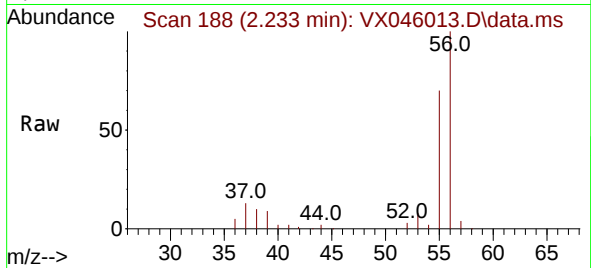
Tgt Ion: 96 Resp: 51972
Ion Ratio Lower Upper
96 100
61 183.9 145.7 218.5
98 61.7 51.6 77.4





#13
Acrolein
Concen: 207.066 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

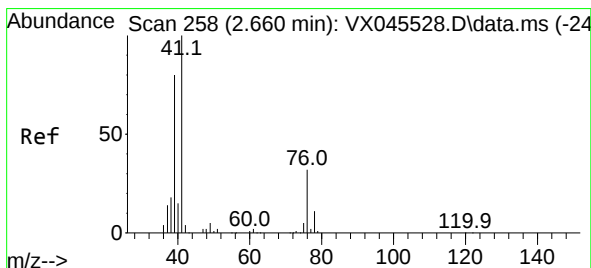
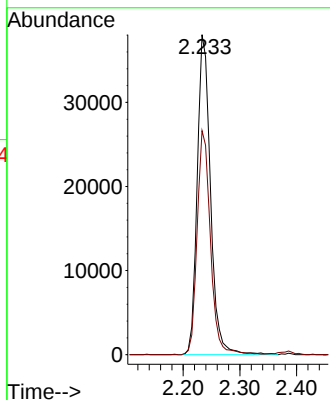
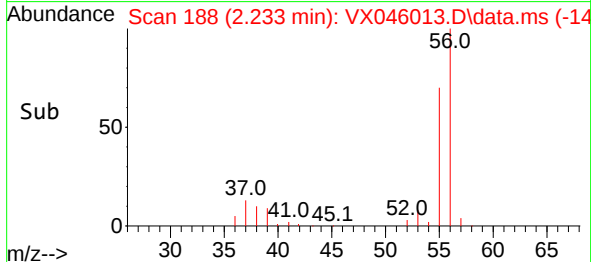
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 61789
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.2

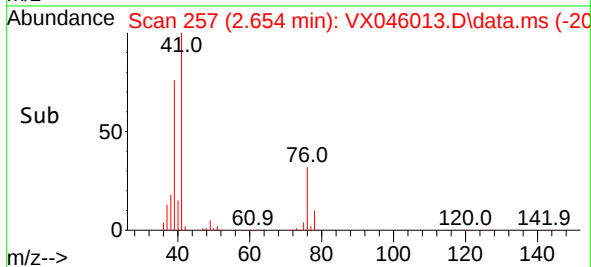
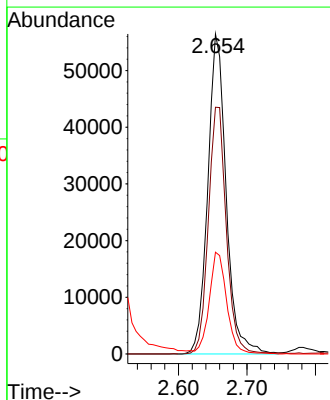
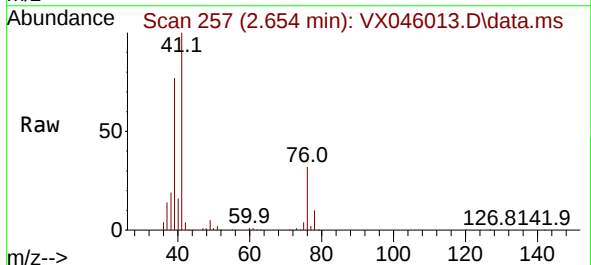
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 52.634 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

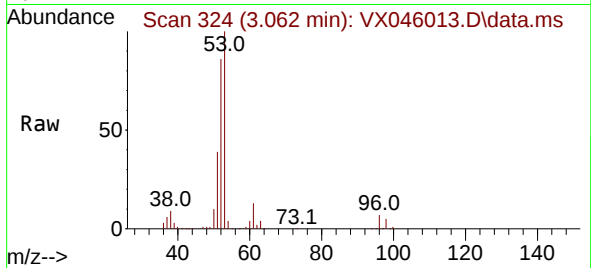
Tgt Ion: 41 Resp: 105708
Ion Ratio Lower Upper
41 100
39 75.3 60.2 90.2
76 30.5 24.6 36.8





#15
Acrylonitrile
Concen: 258.903 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

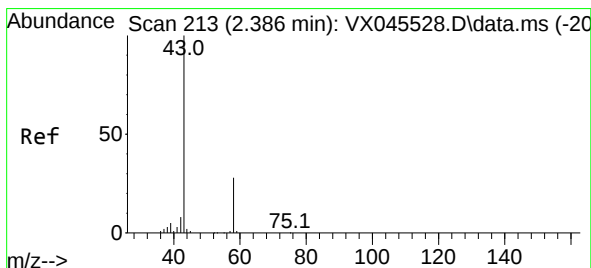
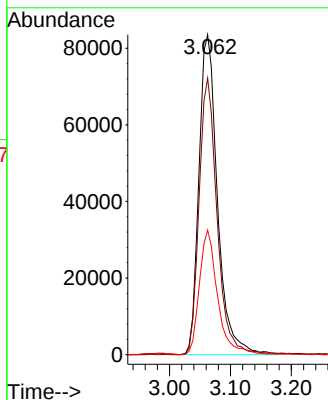
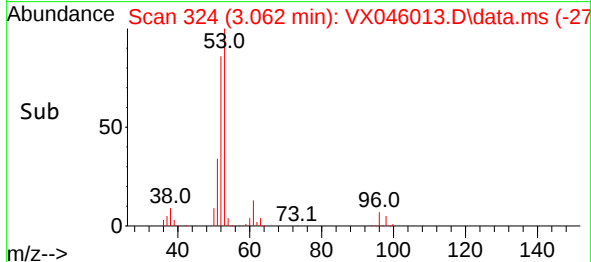
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



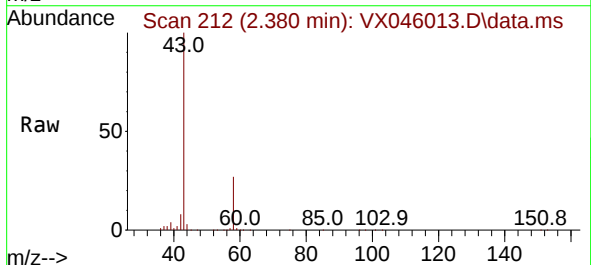
Tgt Ion: 53 Resp: 177090
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 38.2 29.9 44.9

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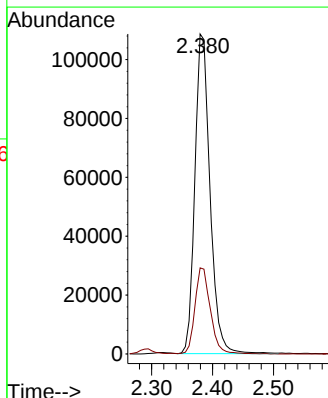
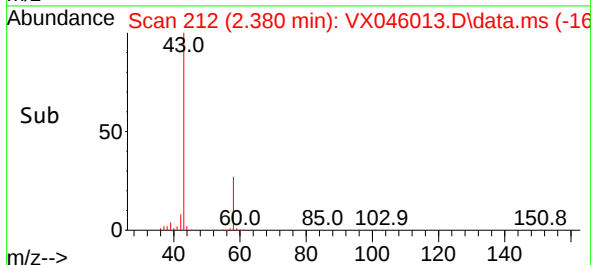
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

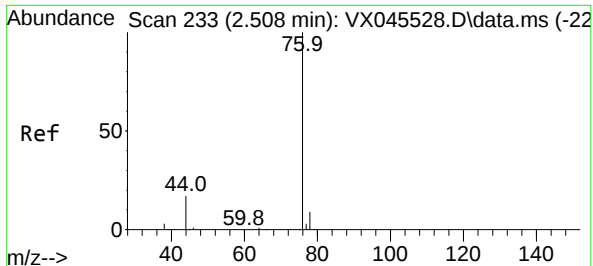


#16
Acetone
Concen: 283.057 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26



Tgt Ion: 43 Resp: 187411
Ion Ratio Lower Upper
43 100
58 26.9 22.3 33.5





#17

Carbon Disulfide

Concen: 42.708 ug/l

RT: 2.502 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 111650

Ion Ratio Lower Upper

76 100

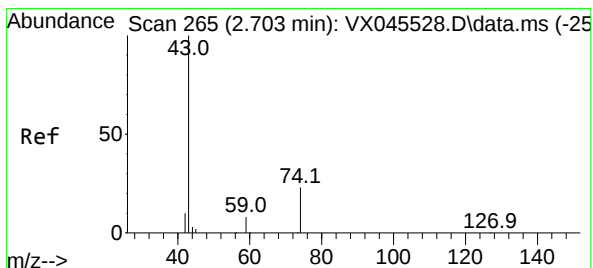
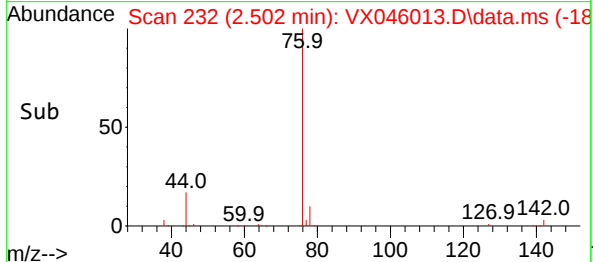
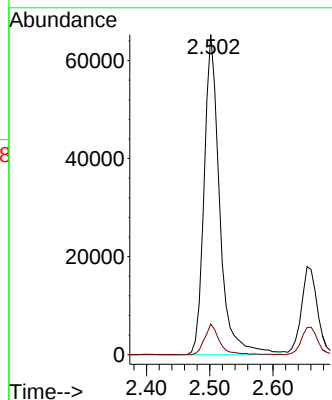
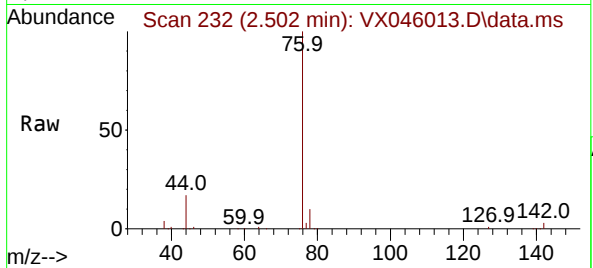
78 9.6 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#18

Methyl Acetate

Concen: 66.574 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046013.D

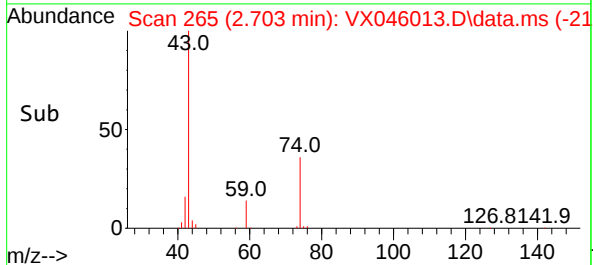
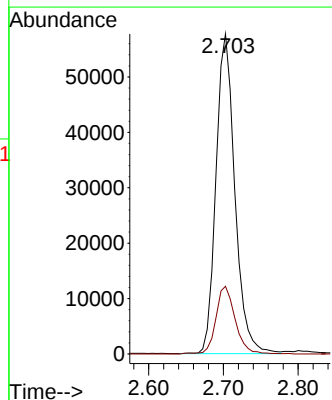
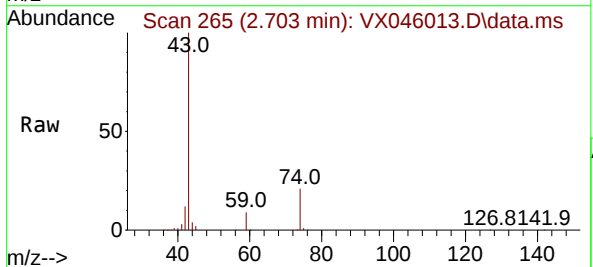
Acq: 02 May 2025 09:26

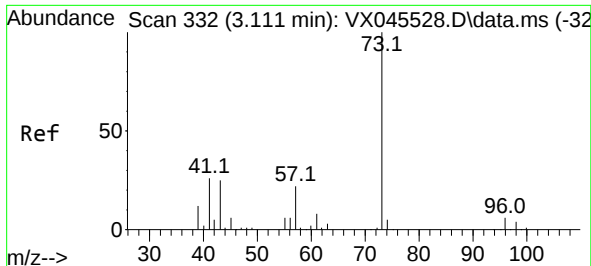
Tgt Ion: 43 Resp: 101484

Ion Ratio Lower Upper

43 100

74 21.6 17.5 26.3





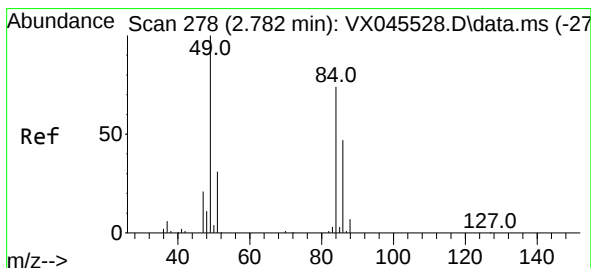
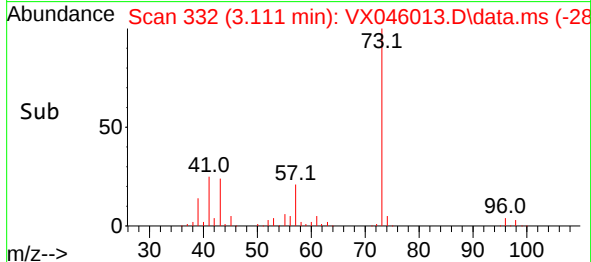
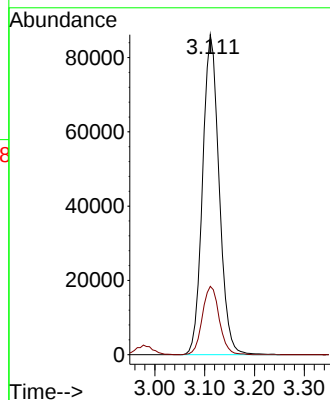
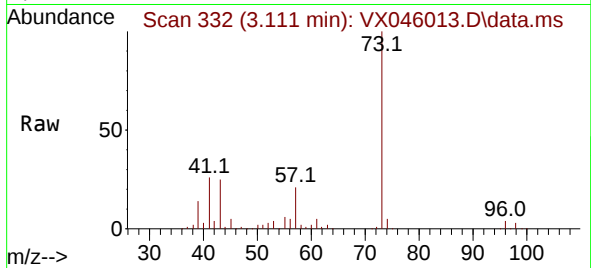
#19
Methyl tert-butyl Ether
Concen: 53.661 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 198692
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

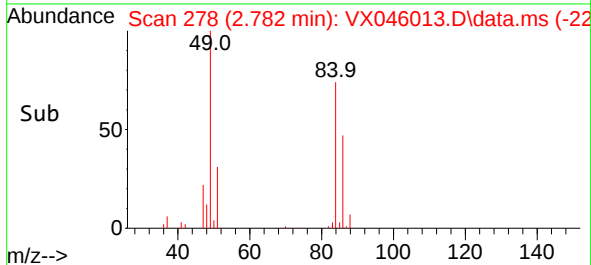
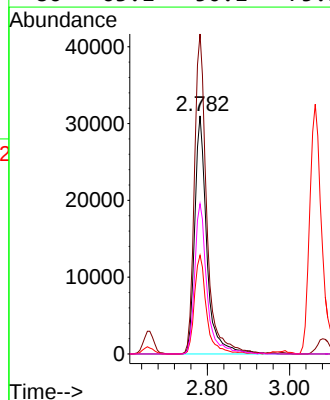
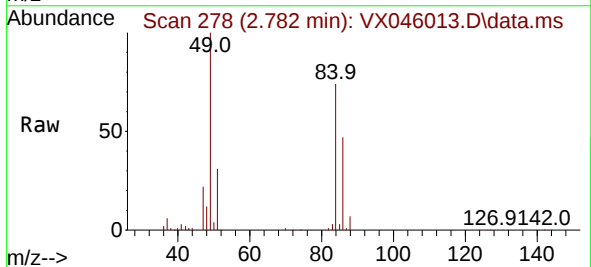
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 51.163 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

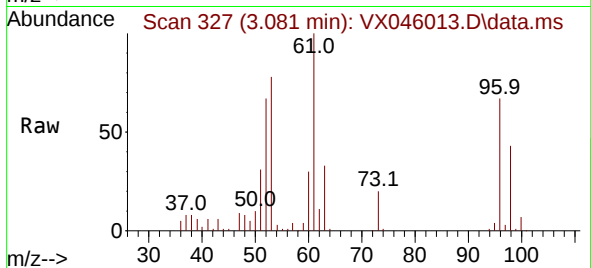
Tgt Ion: 84 Resp: 63418
Ion Ratio Lower Upper
84 100
49 134.4 107.5 161.3
51 41.5 33.0 49.6
86 63.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.871 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

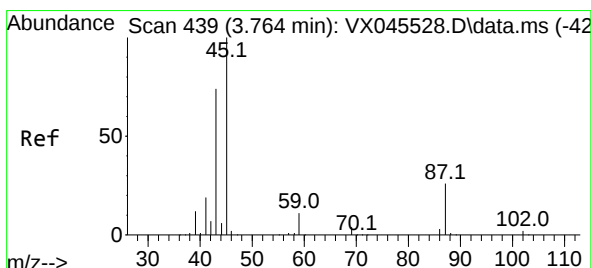
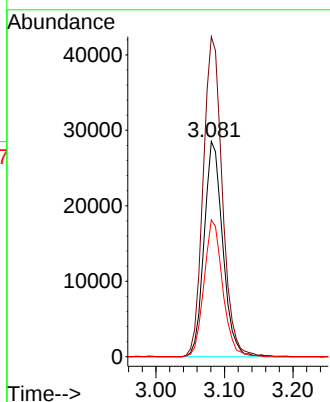
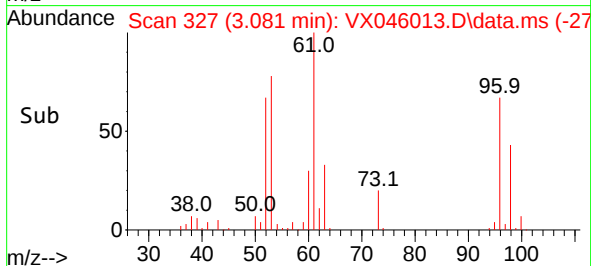
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 53929
Ion Ratio Lower Upper
96 100
61 148.6 121.0 181.6
98 63.6 49.7 74.5

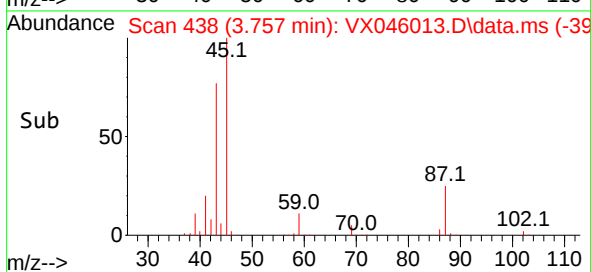
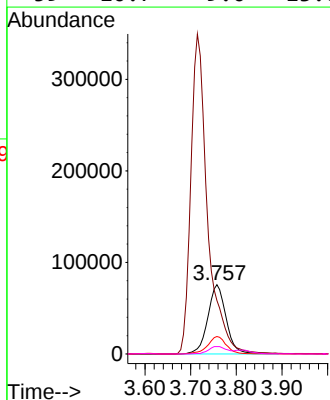
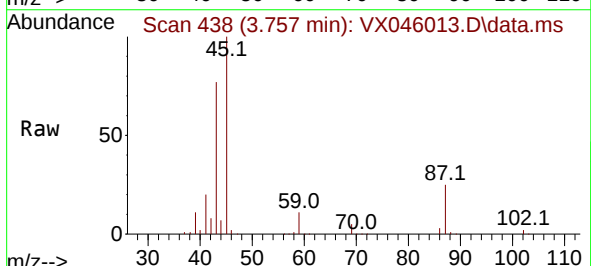
Manual Integrations
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Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 53.322 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 45 Resp: 210949
Ion Ratio Lower Upper
45 100
43 76.2 59.3 88.9
87 25.1 20.4 30.6
59 10.7 9.0 13.6





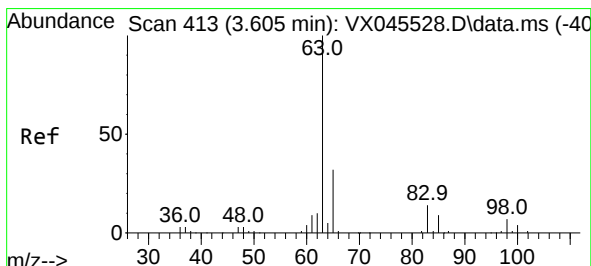
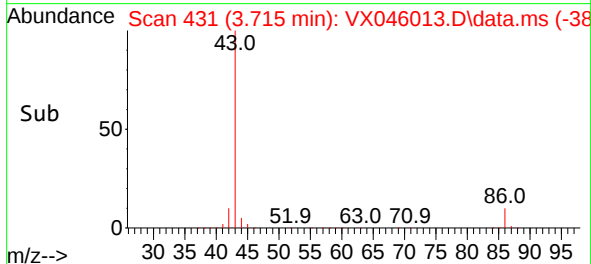
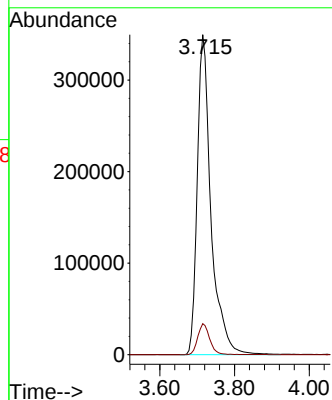
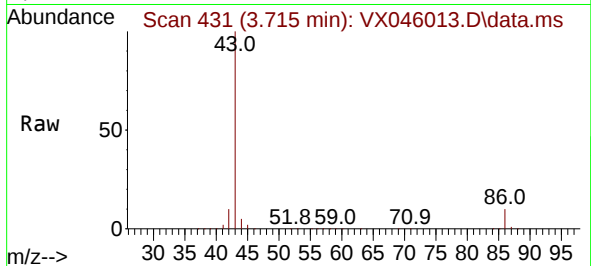
#23
 Vinyl Acetate
 Concen: 260.678 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046013.D
 Acq: 02 May 2025 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 89101
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

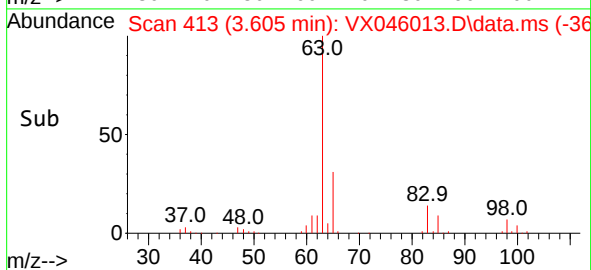
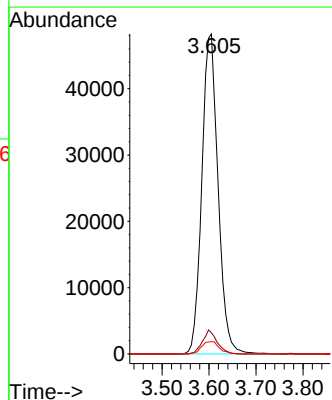
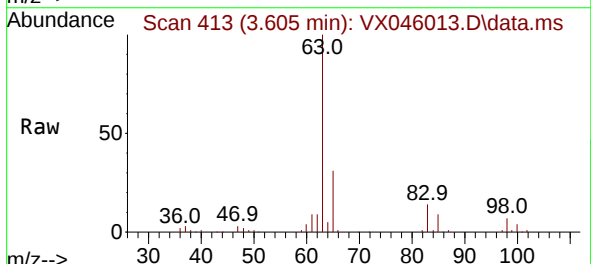
Manual Integrations
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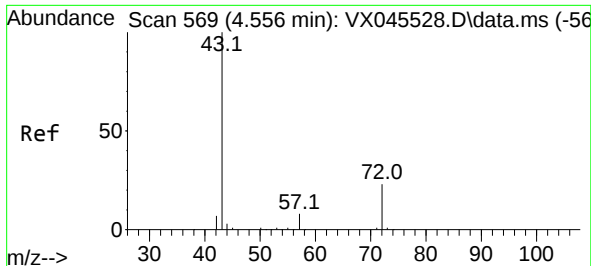
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#24
 1,1-Dichloroethane
 Concen: 51.634 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046013.D
 Acq: 02 May 2025 09:26

Tgt Ion: 63 Resp: 115524
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.8 2.2 6.6





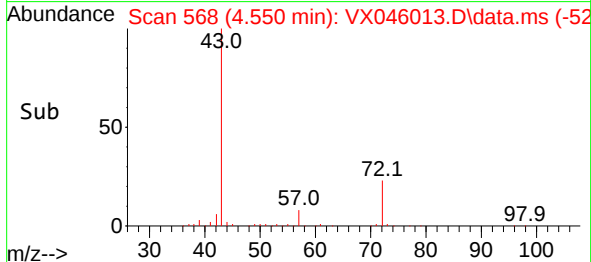
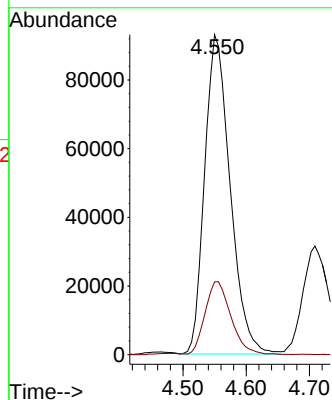
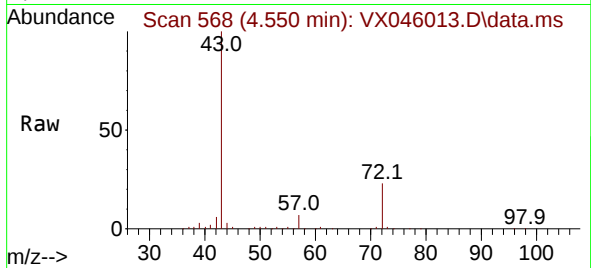
#25
2-Butanone
Concen: 268.823 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 260530
Ion Ratio Lower Upper
43 100
72 22.7 18.6 28.0

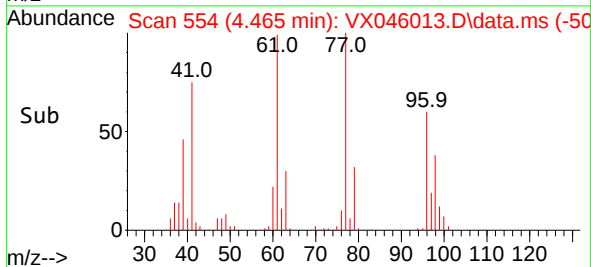
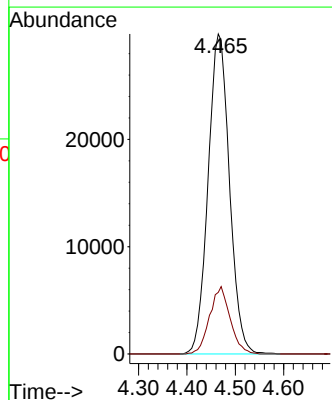
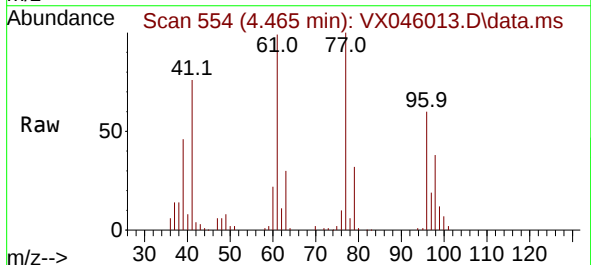
Manual Integrations
APPROVED

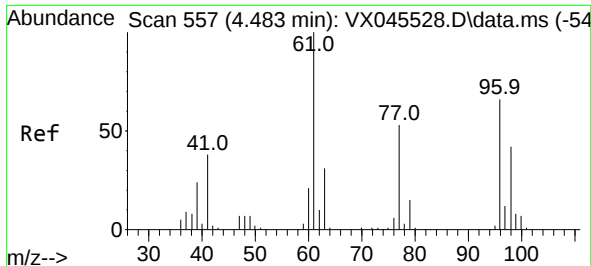
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 63.271 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 77 Resp: 91460
Ion Ratio Lower Upper
77 100
97 20.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.132 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 67364

Ion Ratio Lower Upper

96 100

61 159.8 0.0 313.2

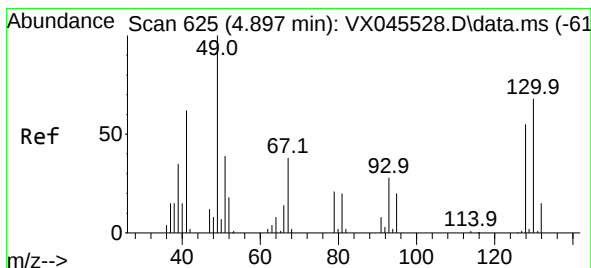
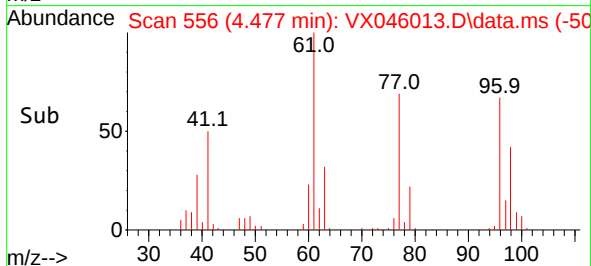
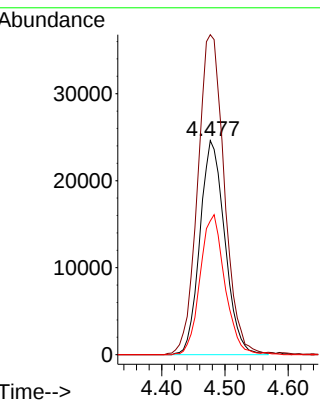
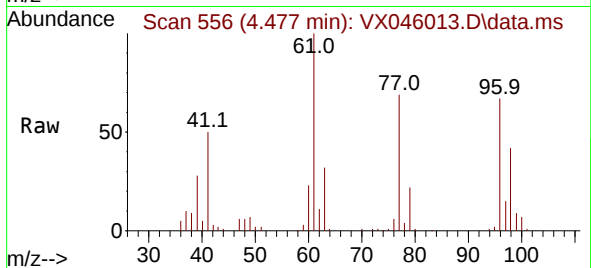
98 64.6 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#28

Bromochloromethane

Concen: 48.485 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

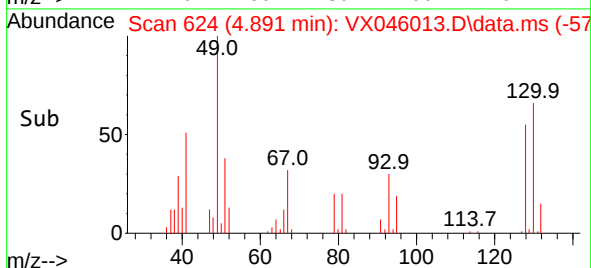
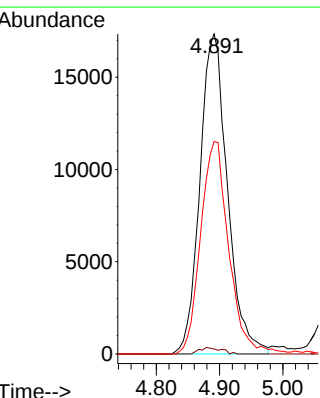
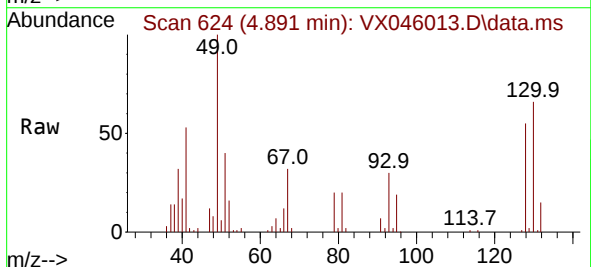
Tgt Ion: 49 Resp: 52421

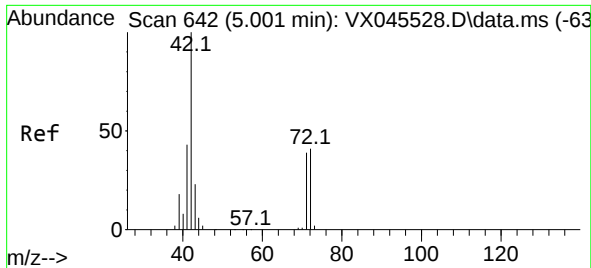
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 67.7 54.6 81.8





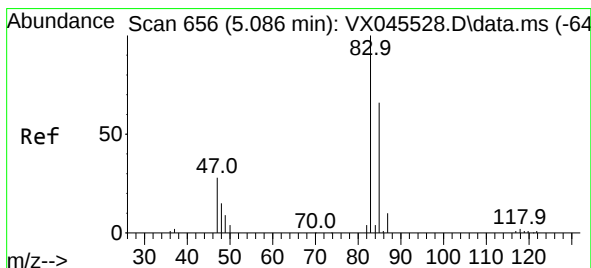
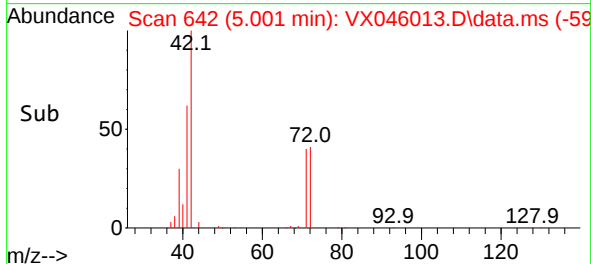
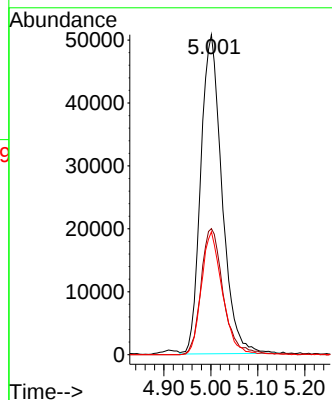
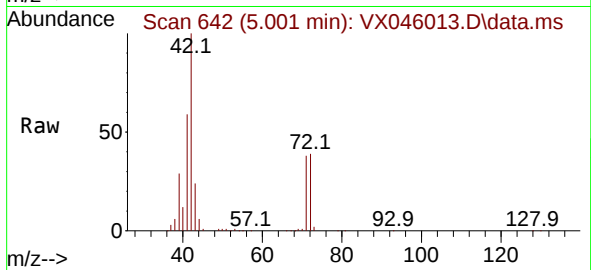
#29
Tetrahydrofuran
Concen: 253.256 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 15913
Ion Ratio Lower Upper
42 100
72 41.3 33.4 50.0
71 38.2 31.4 47.0

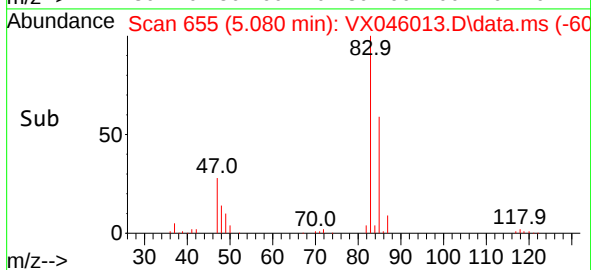
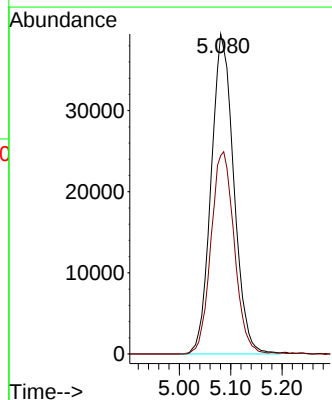
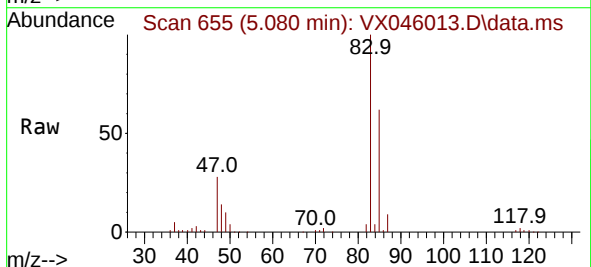
Manual Integrations
APPROVED

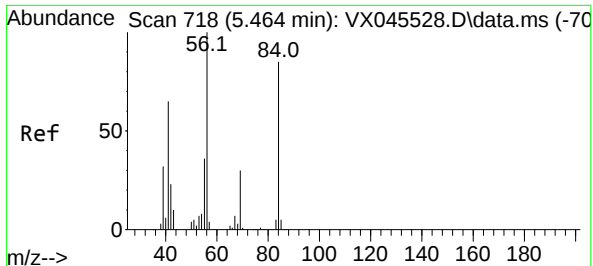
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#30
Chloroform
Concen: 52.466 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

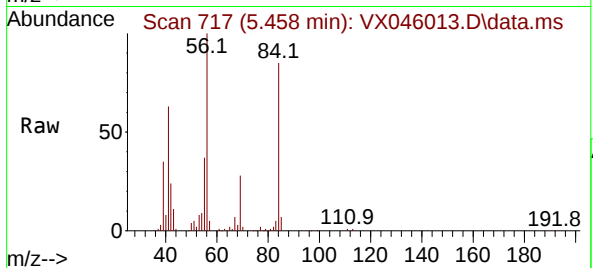
Tgt Ion: 83 Resp: 120785
Ion Ratio Lower Upper
83 100
85 62.0 52.8 79.2





#31
Cyclohexane
Concen: 49.284 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

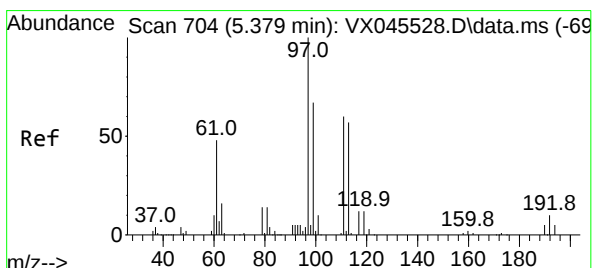
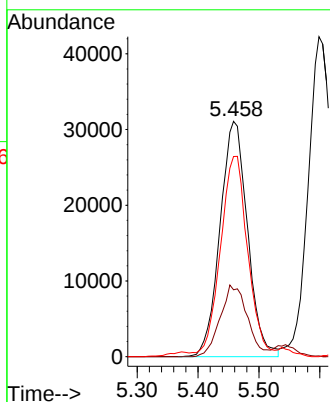
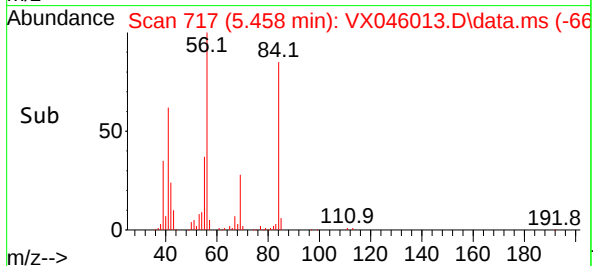
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



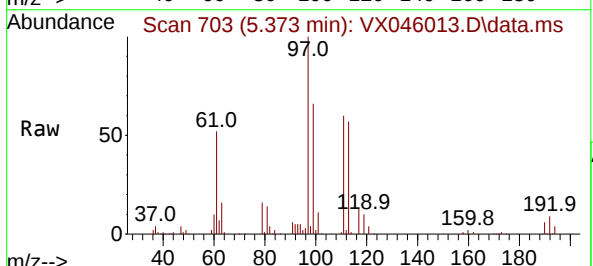
Tgt Ion: 56 Resp: 9748
Ion Ratio Lower Upper
56 100
69 28.4 23.6 35.4
84 83.3 67.7 101.5

Manual Integrations
APPROVED

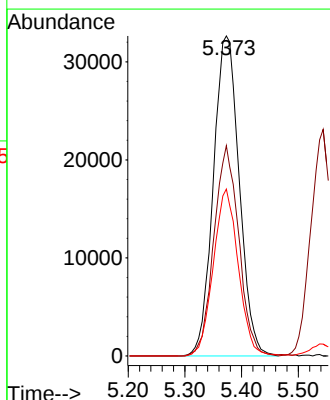
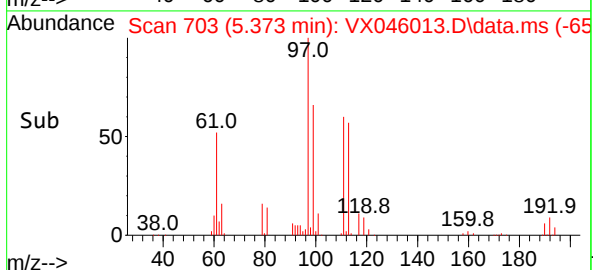
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#32
1,1,1-Trichloroethane
Concen: 53.216 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26



Tgt Ion: 97 Resp: 103665
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 50.4 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 49.675 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80090

Ion Ratio Lower Upper

65 100

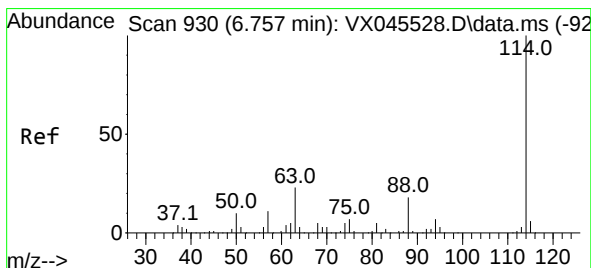
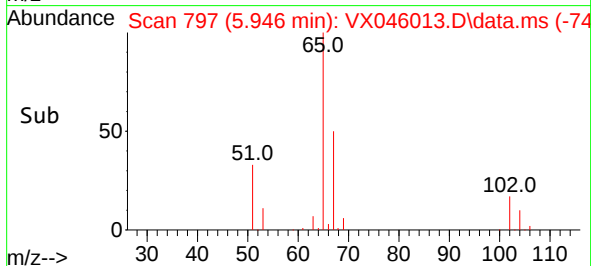
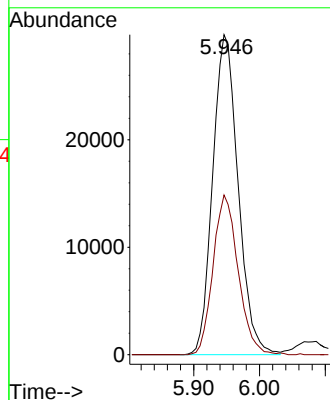
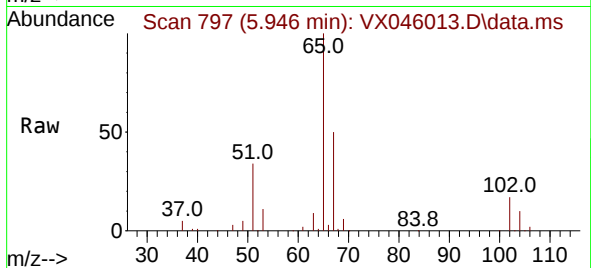
67 49.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

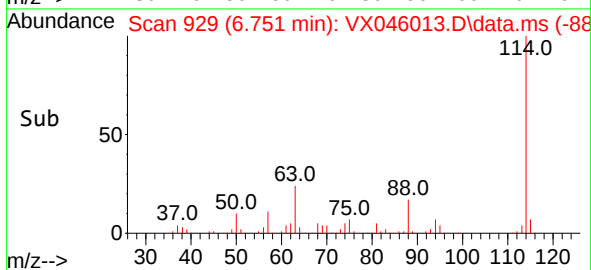
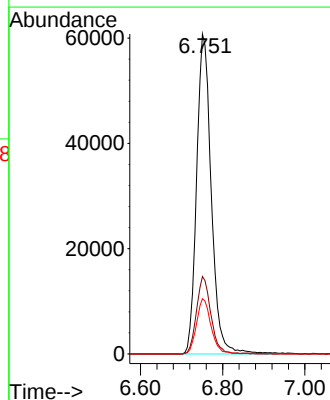
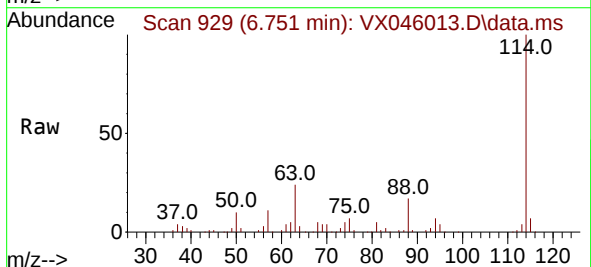
Tgt Ion:114 Resp: 150204

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

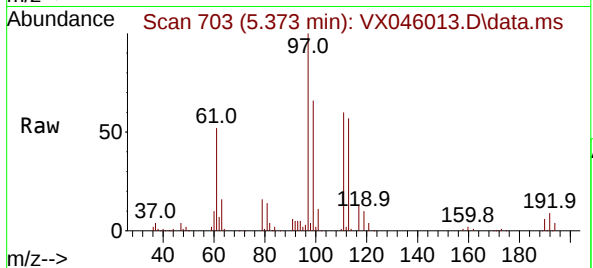
88 17.3 0.0 35.4





#35
Dibromofluoromethane
Concen: 52.910 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

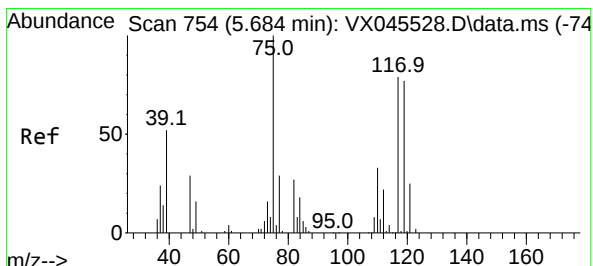
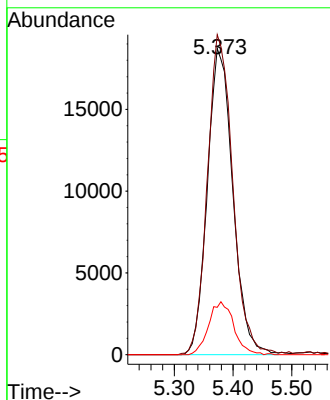
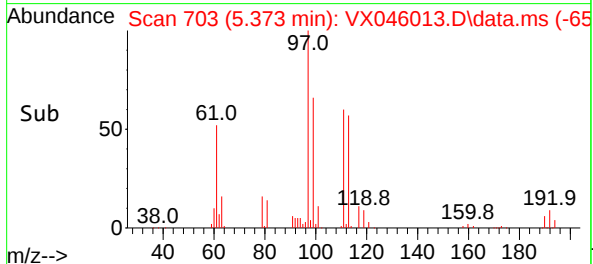
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 56380
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.1 13.8 20.6

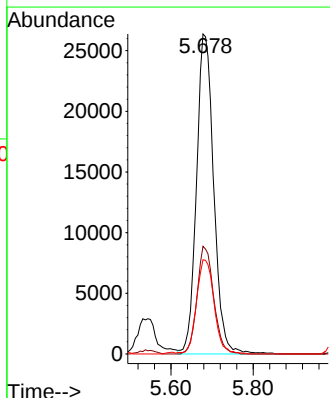
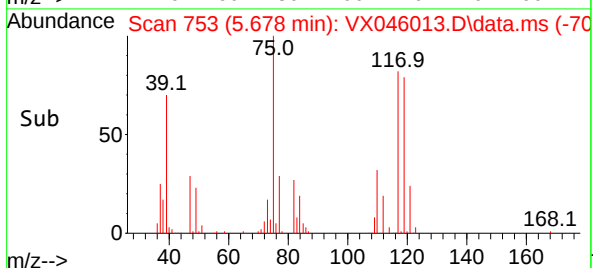
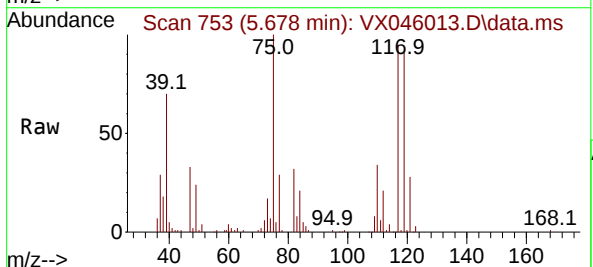
Manual Integrations
APPROVED

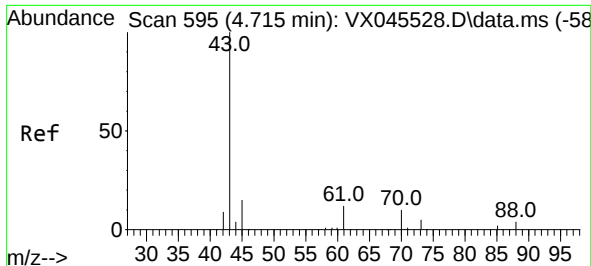
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#36
1,1-Dichloropropene
Concen: 53.251 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 75 Resp: 76624
Ion Ratio Lower Upper
75 100
110 32.4 16.9 50.6
77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 51.857 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9403

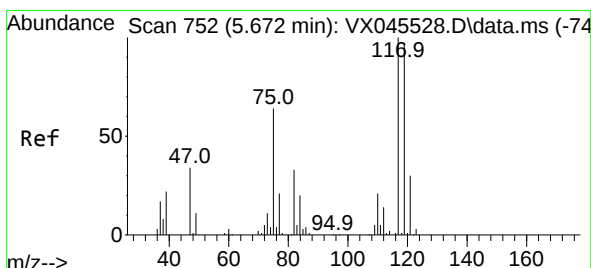
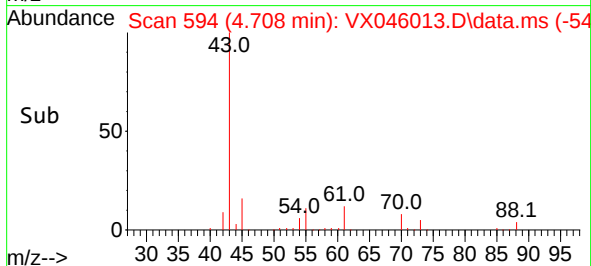
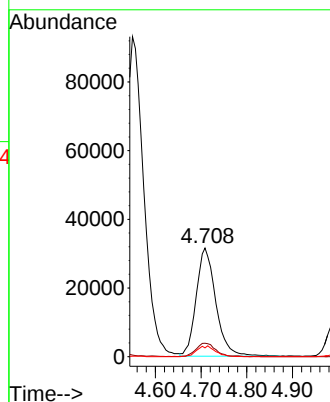
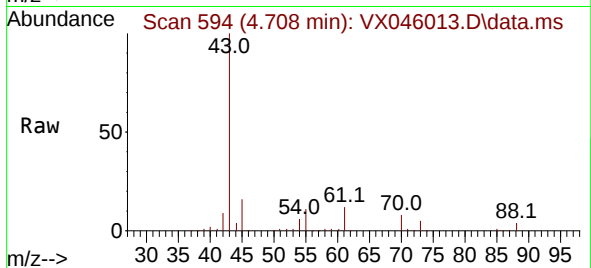
Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.9	14.9
70	9.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#38

Carbon Tetrachloride

Concen: 57.318 ug/l

RT: 5.666 min Scan# 751

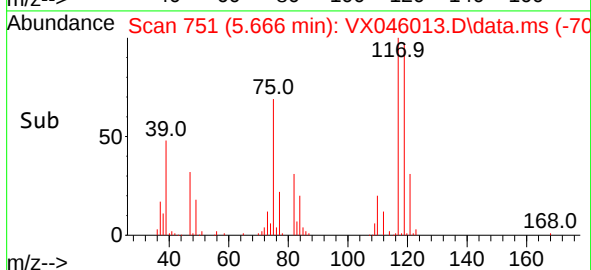
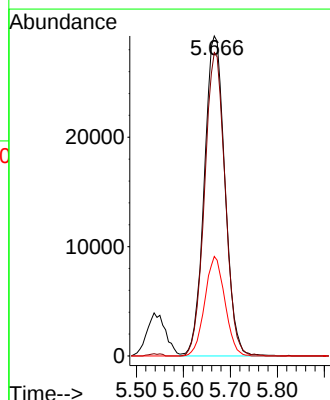
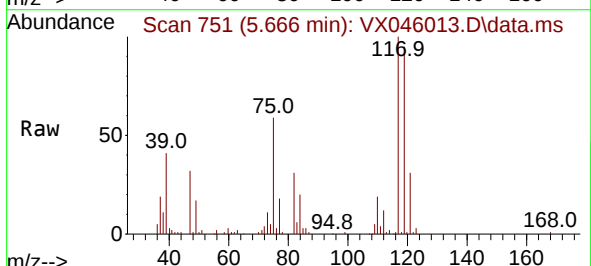
Delta R.T. -0.006 min

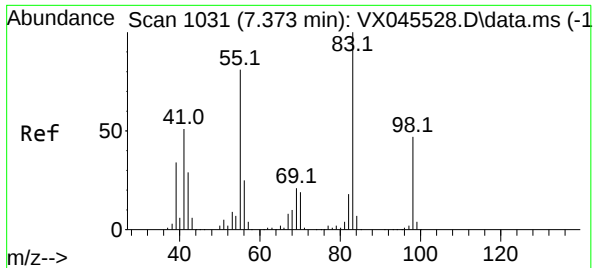
Lab File: VX046013.D

Acq: 02 May 2025 09:26

Tgt Ion:117 Resp: 89136

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
121	31.1	24.2	36.2





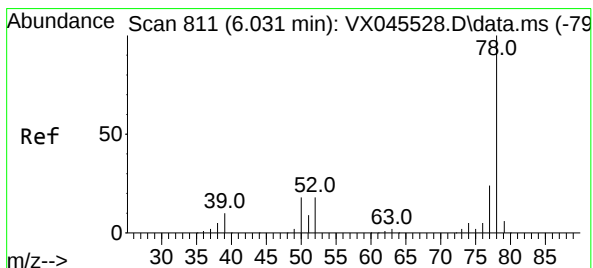
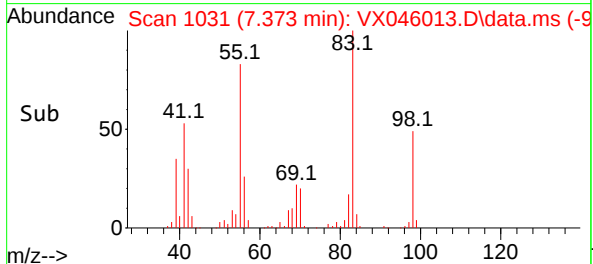
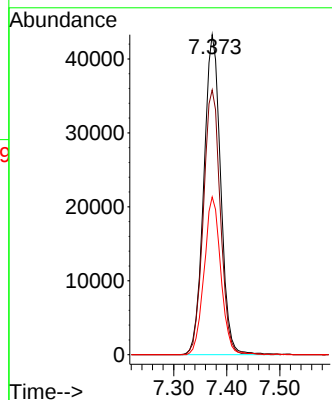
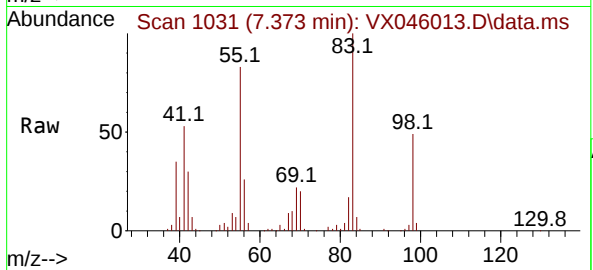
#39
Methylcyclohexane
Concen: 54.119 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9545
Ion Ratio Lower Upper
83 100
55 82.8 64.9 97.3
98 49.3 37.4 56.0

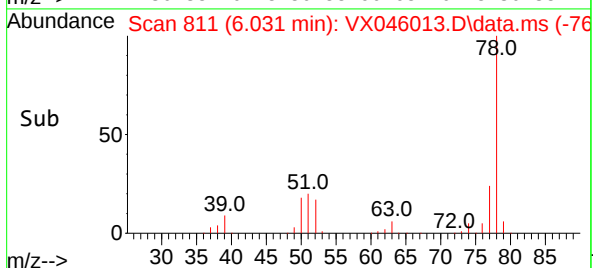
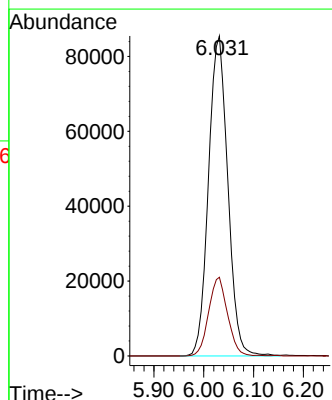
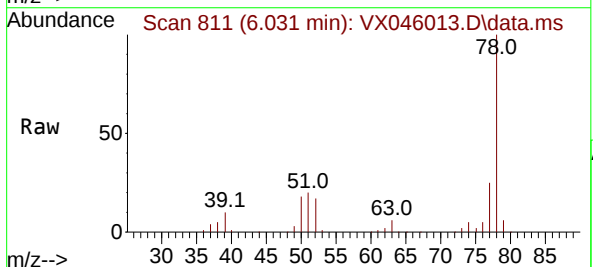
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#40
Benzene
Concen: 52.228 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

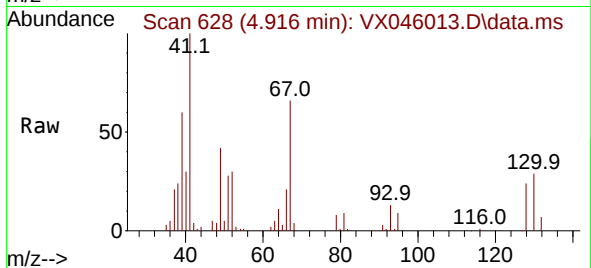
Tgt Ion: 78 Resp: 229520
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 58.378 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

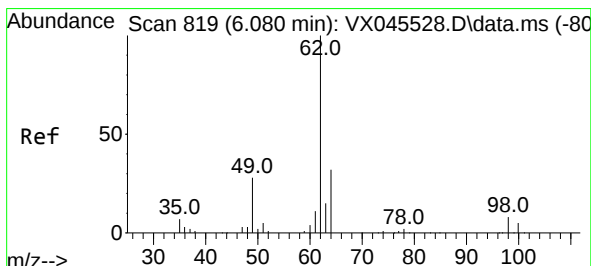
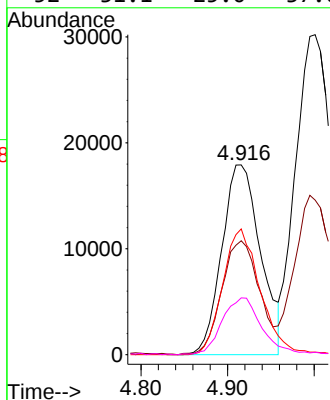
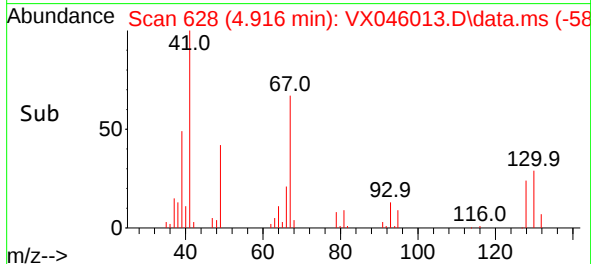
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 55854
Ion Ratio Lower Upper
41 100
39 57.6 47.0 70.6
67 64.5 53.2 79.8
52 31.1 25.0 37.6

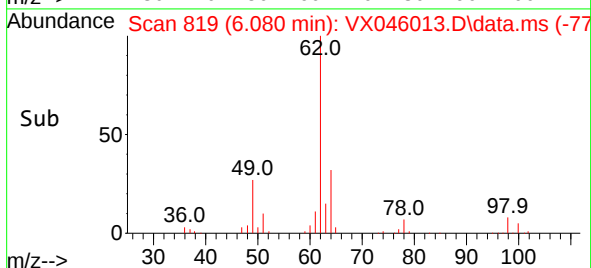
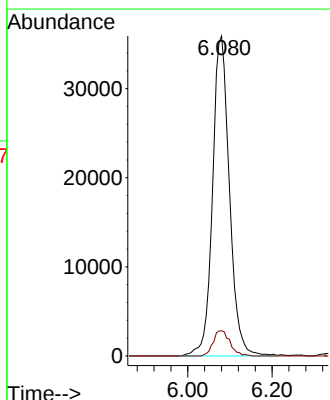
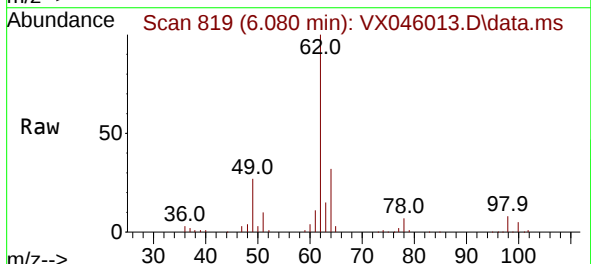
Manual Integrations
APPROVED

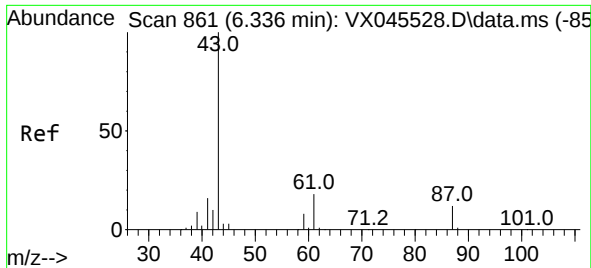
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 55.038 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 62 Resp: 99897
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43

Isopropyl Acetate

Concen: 55.430 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 152339

Ion Ratio Lower Upper

43 100

61 17.7 14.1 21.1

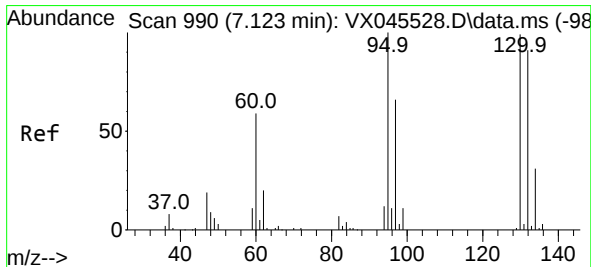
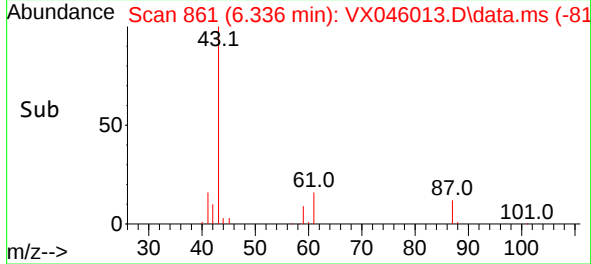
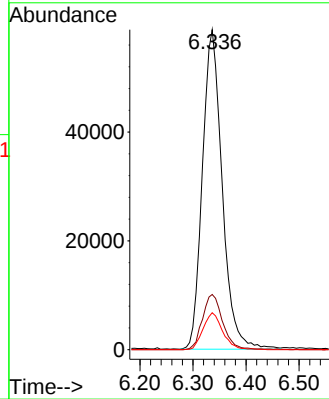
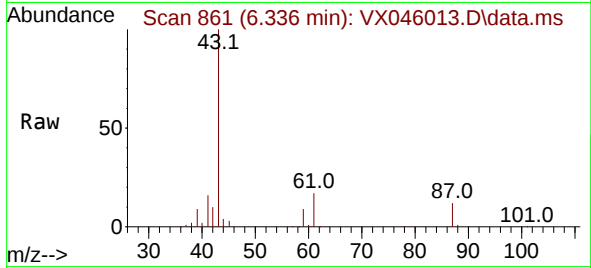
87 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#44

Trichloroethene

Concen: 52.940 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX046013.D

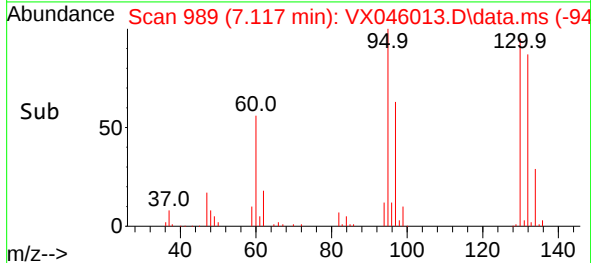
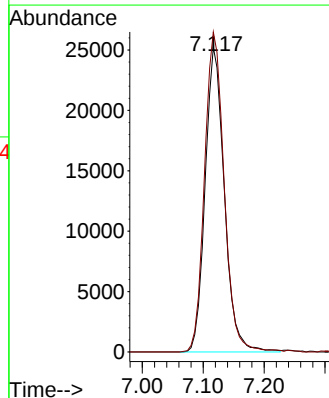
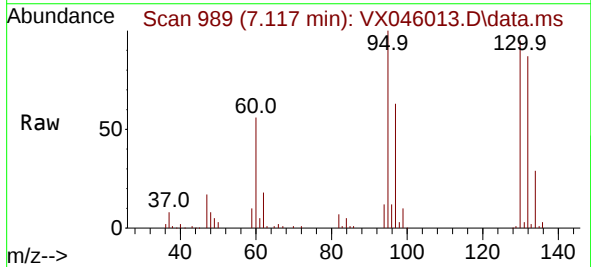
Acq: 02 May 2025 09:26

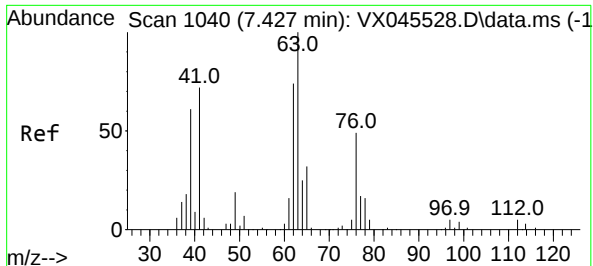
Tgt Ion:130 Resp: 55297

Ion Ratio Lower Upper

130 100

95 105.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 53.880 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 59078

Ion Ratio Lower Upper

63 100

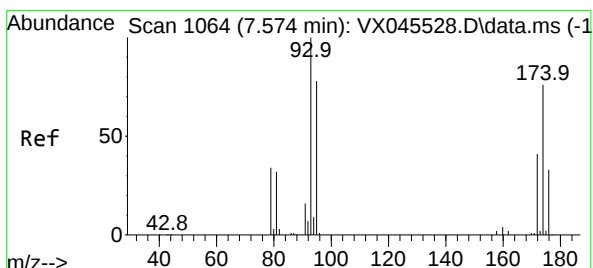
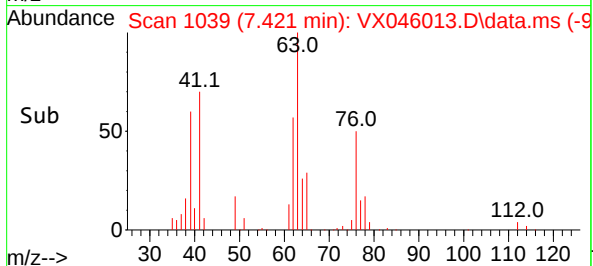
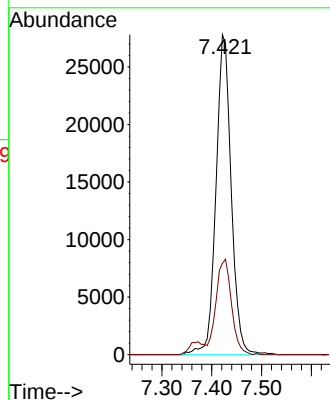
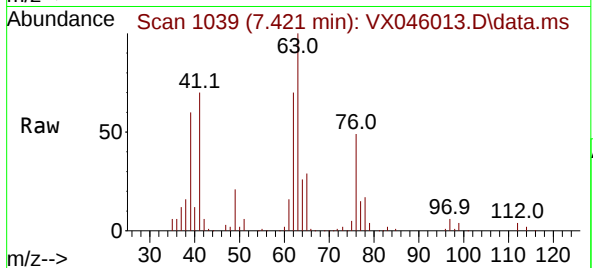
65 28.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#46

Dibromomethane

Concen: 54.493 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

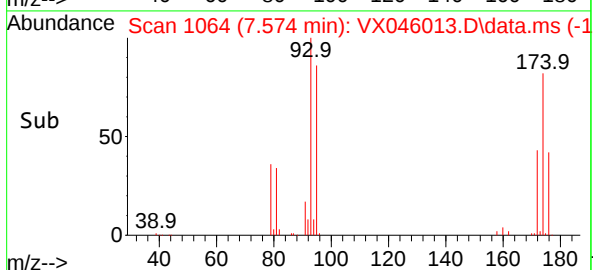
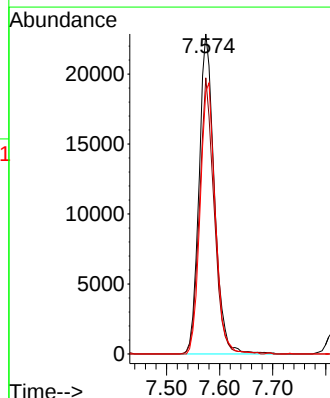
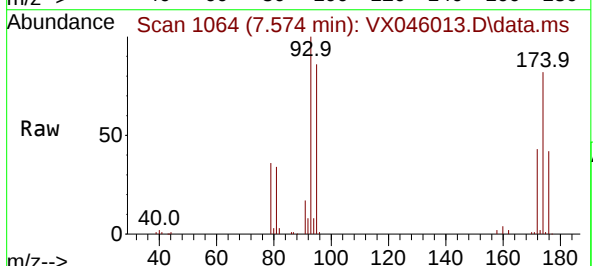
Tgt Ion: 93 Resp: 45867

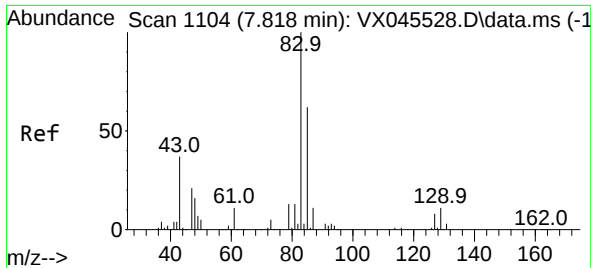
Ion Ratio Lower Upper

93 100

95 82.6 64.8 97.2

174 83.8 65.4 98.0





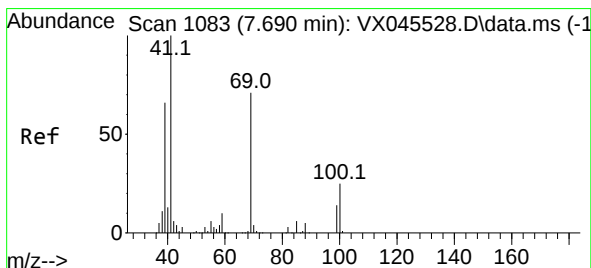
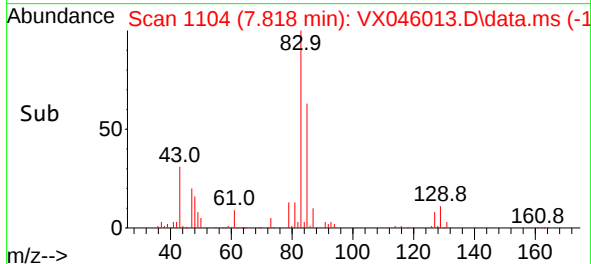
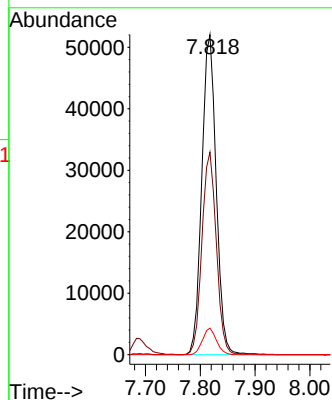
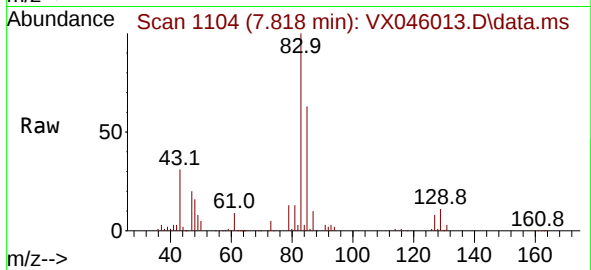
#47
Bromodichloromethane
Concen: 56.415 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 94830
Ion Ratio Lower Upper
83 100
85 63.3 49.7 74.5
127 8.3 6.1 9.1

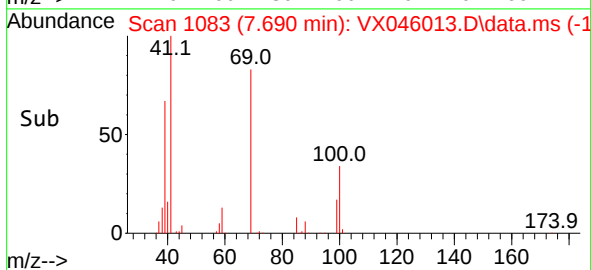
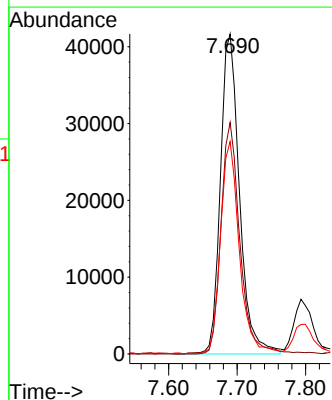
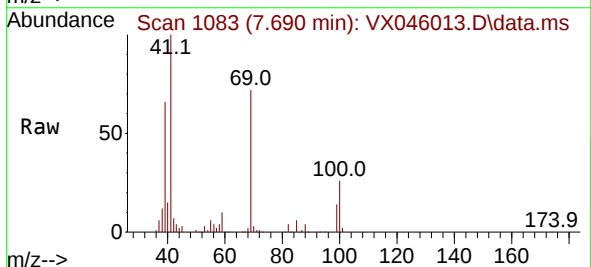
Manual Integrations
APPROVED

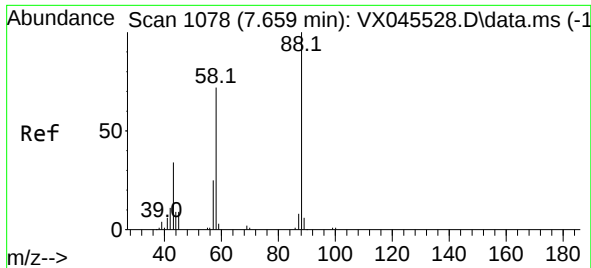
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#48
Methyl methacrylate
Concen: 56.551 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

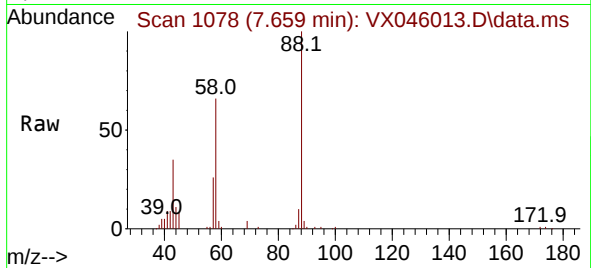
Tgt Ion: 41 Resp: 80247
Ion Ratio Lower Upper
41 100
69 72.0 58.2 87.2
39 65.8 53.6 80.4





#49
1,4-Dioxane
Concen: 1062.490 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

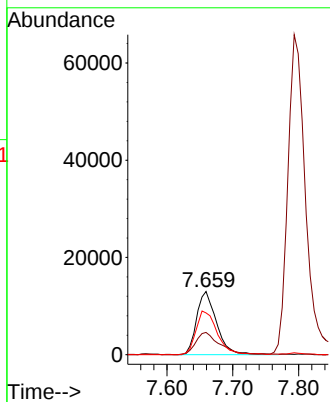
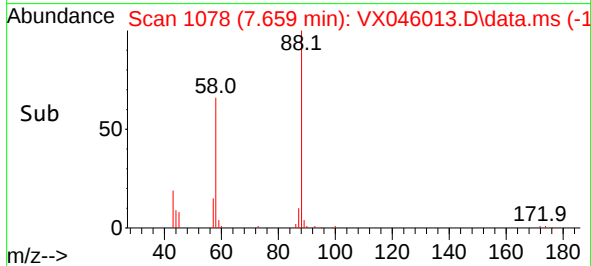
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 27278
Ion Ratio Lower Upper
88 100
43 42.3 32.2 48.4
58 73.9 58.6 88.0

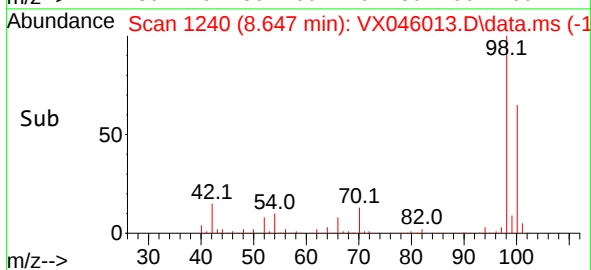
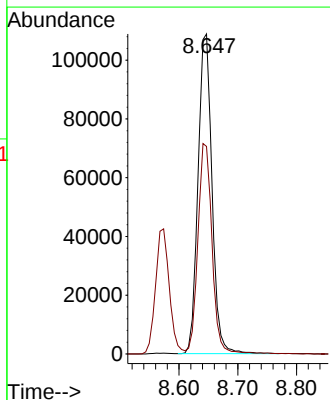
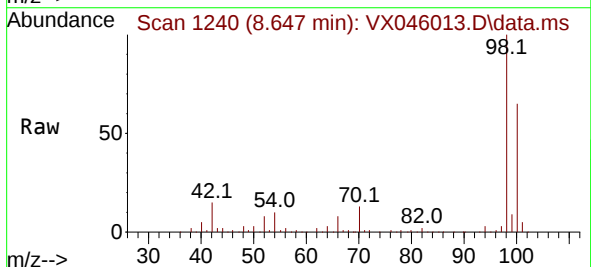
Manual Integrations
APPROVED

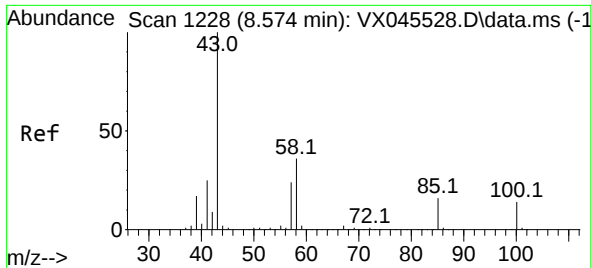
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 48.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

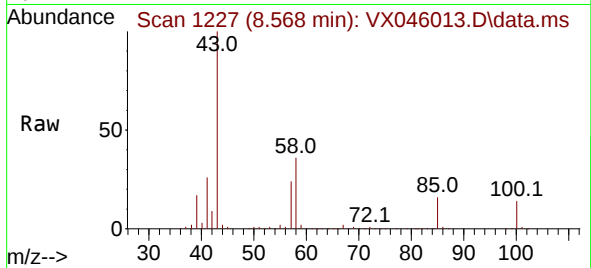
Tgt Ion: 98 Resp: 180362
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 279.523 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

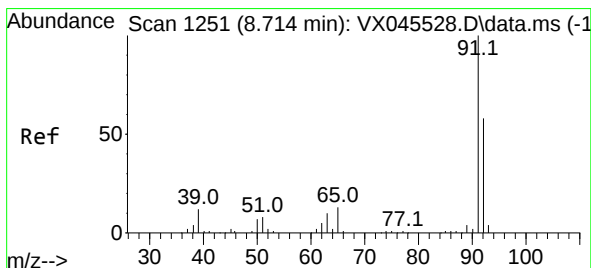
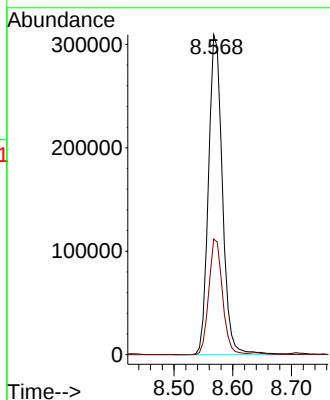
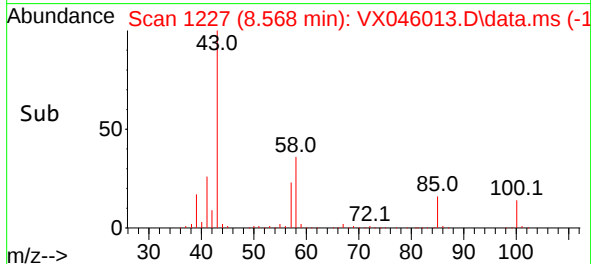
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



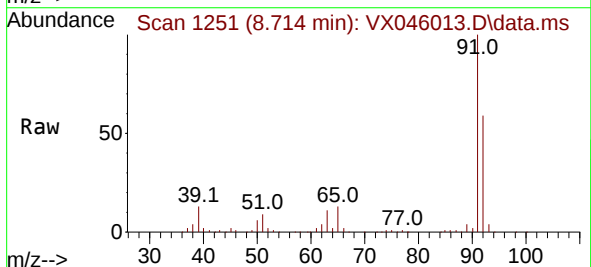
Tgt Ion: 43 Resp: 50926
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

Manual Integrations
APPROVED

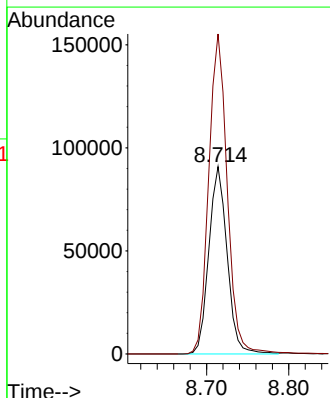
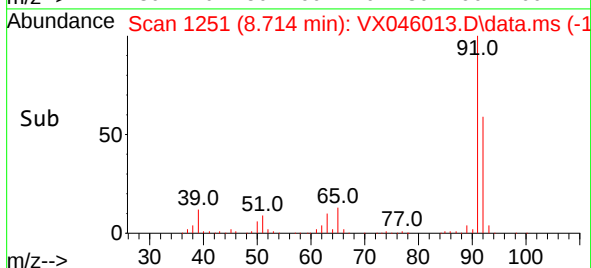
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 52.828 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26



Tgt Ion: 92 Resp: 140479
Ion Ratio Lower Upper
92 100
91 173.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 52.640 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 85290

Ion Ratio Lower Upper

75 100

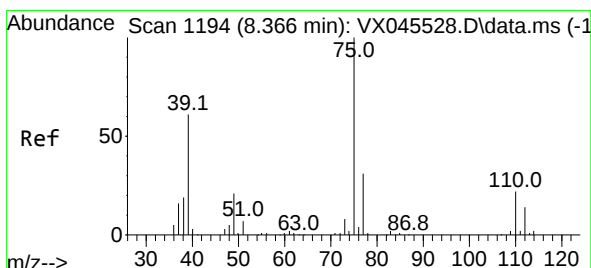
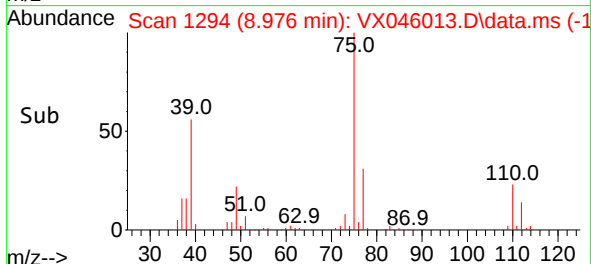
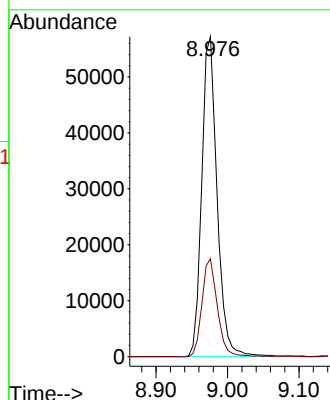
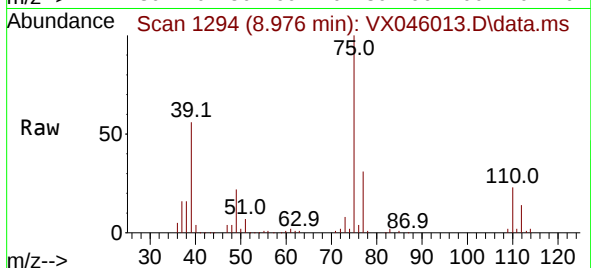
77 30.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#54

cis-1,3-Dichloropropene

Concen: 58.669 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

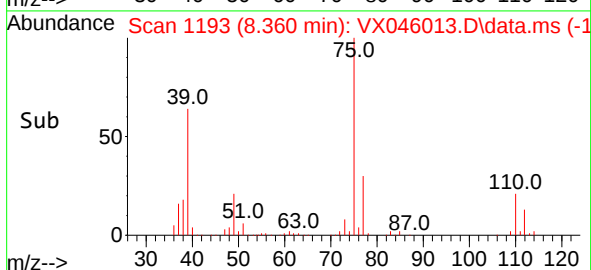
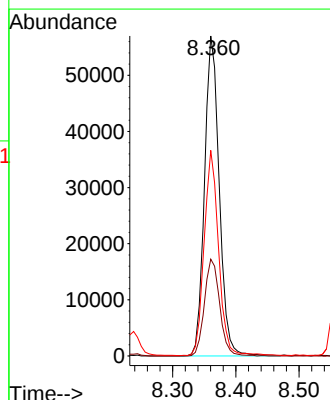
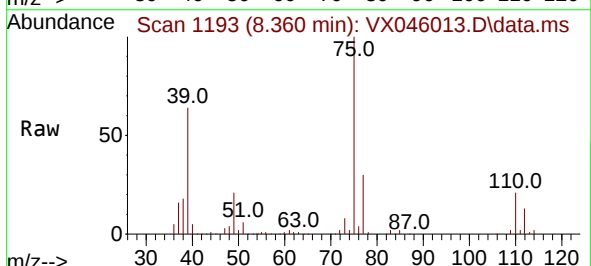
Tgt Ion: 75 Resp: 92674

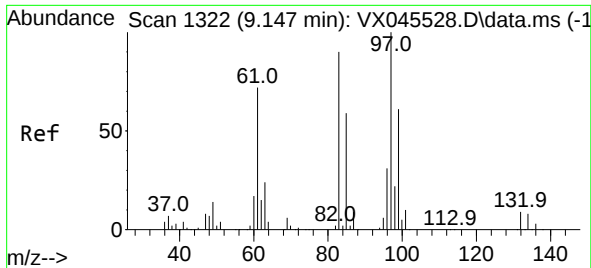
Ion Ratio Lower Upper

75 100

77 30.3 24.6 36.8

39 64.1 48.4 72.6





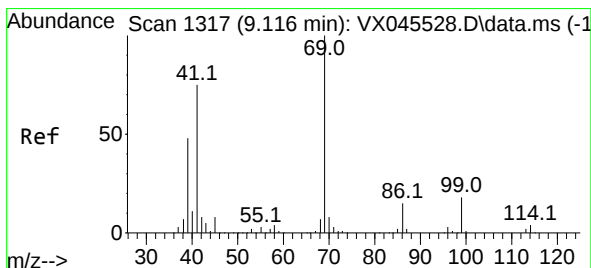
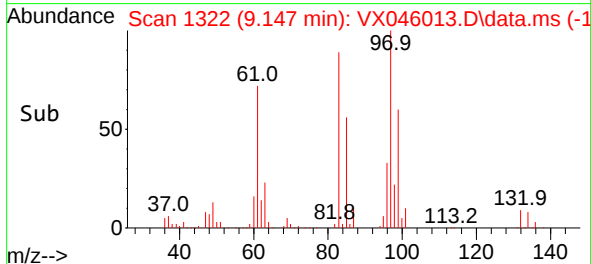
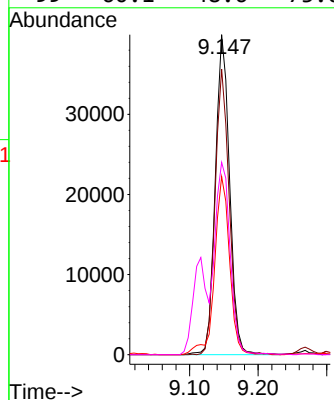
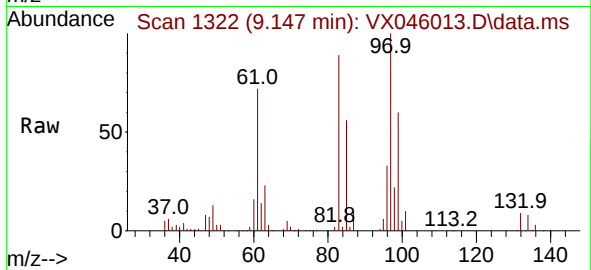
#55
1,1,2-Trichloroethane
Concen: 54.516 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	5776
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.8	107.8
85	55.6	47.0	70.6
99	60.1	48.6	73.0

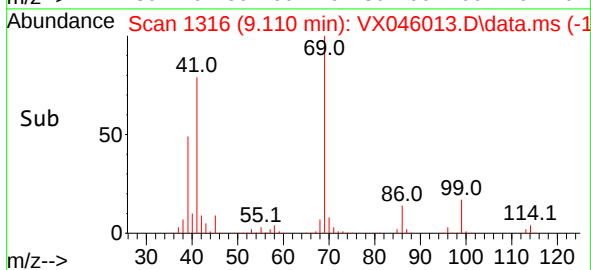
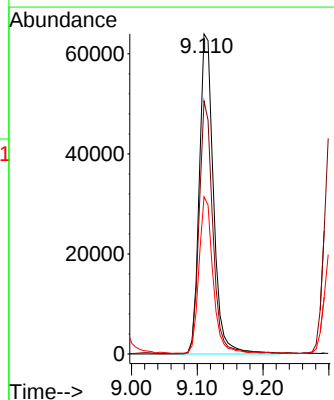
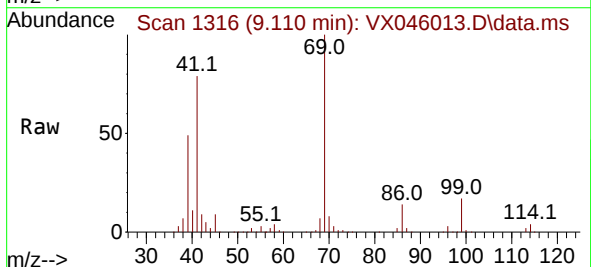
Manual Integrations
APPROVED

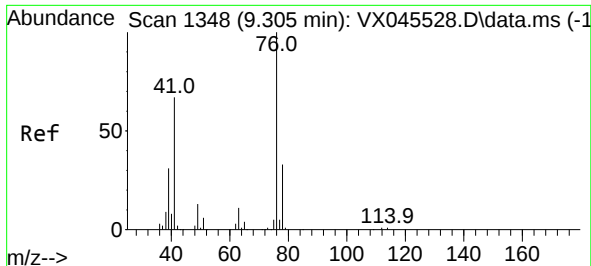
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#56
Ethyl methacrylate
Concen: 58.715 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:	69	Resp:	96287
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.3	91.9
39	48.0	40.2	60.2





#57

1,3-Dichloropropane

Concen: 54.558 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10067

Ion Ratio Lower Upper

76 100

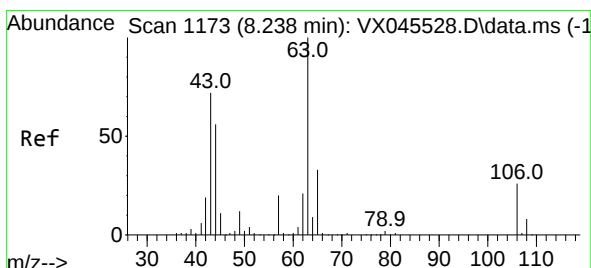
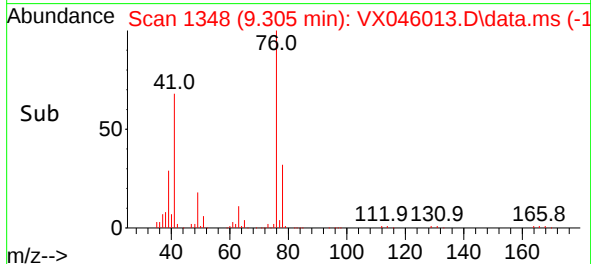
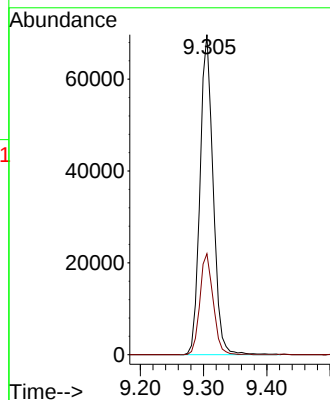
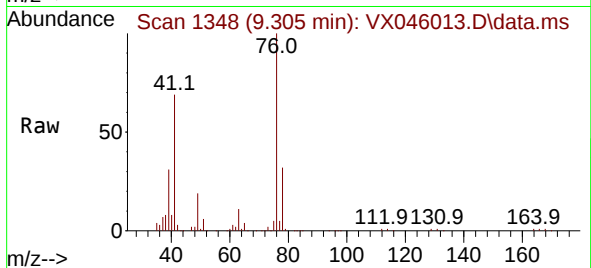
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 292.081 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046013.D

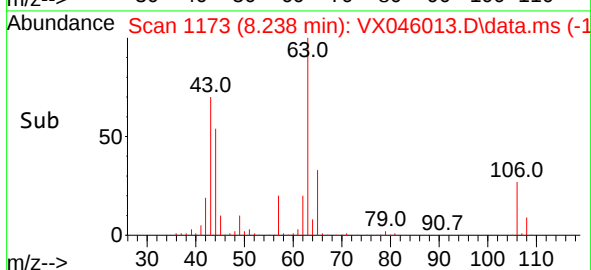
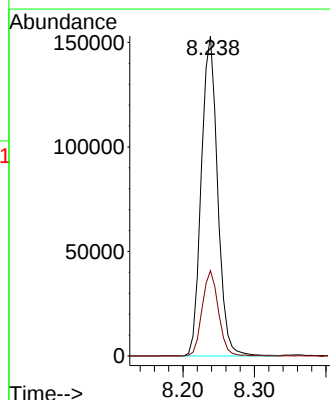
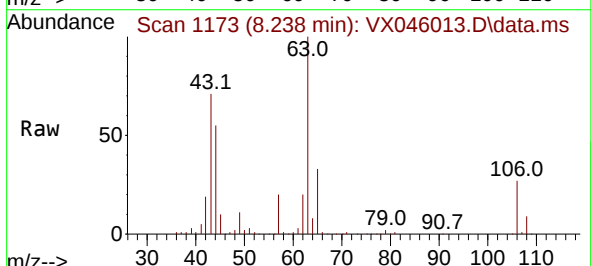
Acq: 02 May 2025 09:26

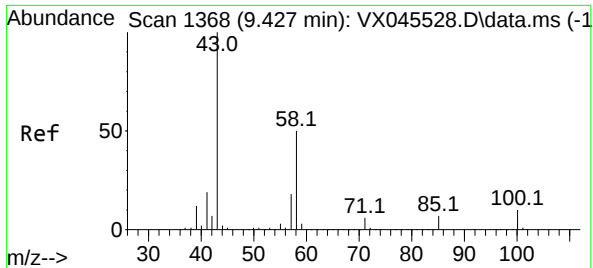
Tgt Ion: 63 Resp: 242306

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





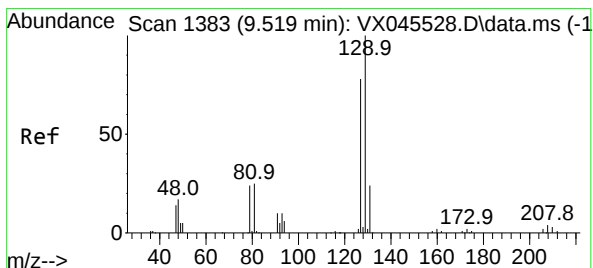
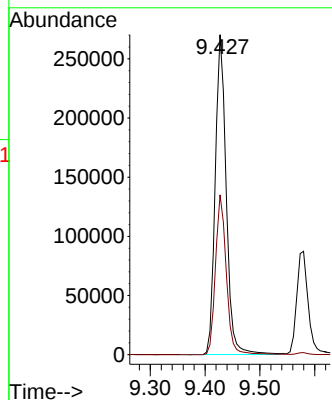
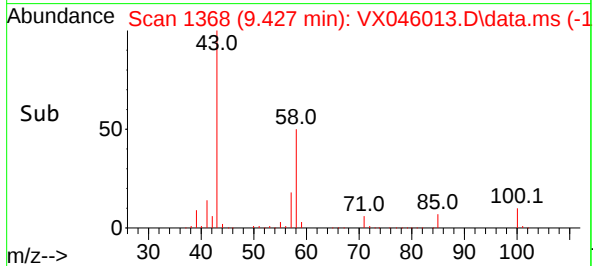
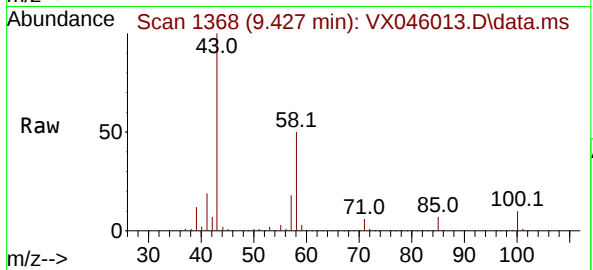
#59
2-Hexanone
Concen: 278.594 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 375872
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

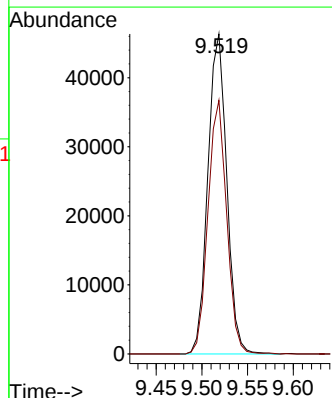
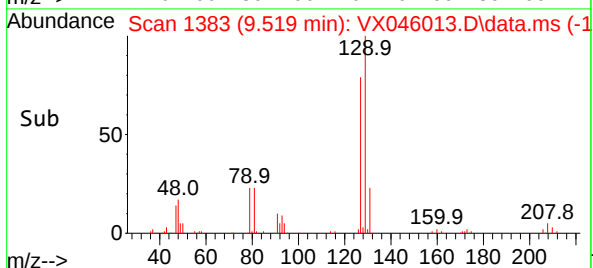
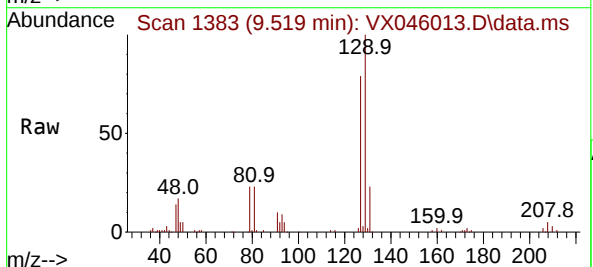
Manual Integrations
APPROVED

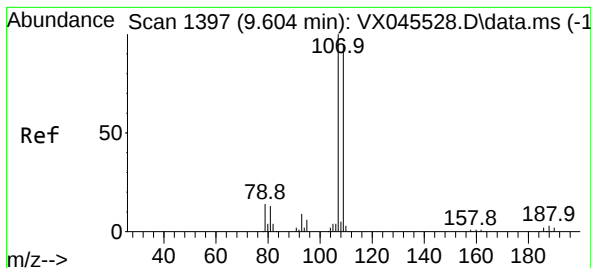
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 57.619 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:129 Resp: 66562
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





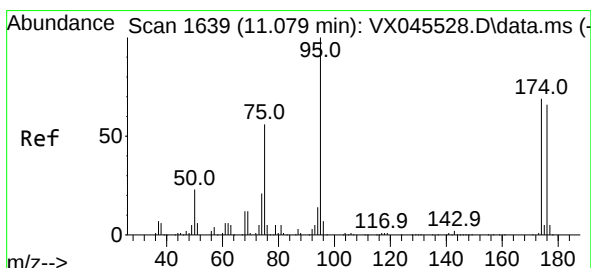
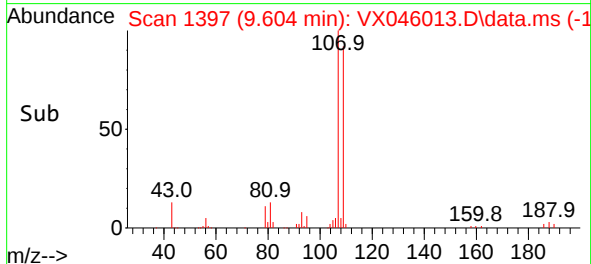
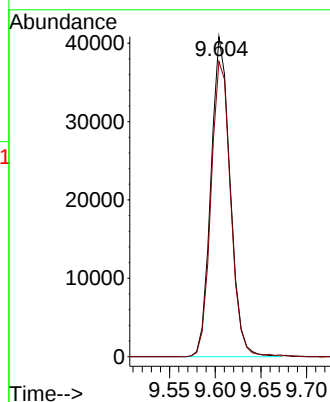
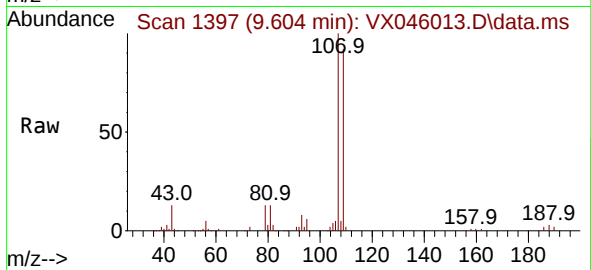
#61
1,2-Dibromoethane
Concen: 55.581 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 59620
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

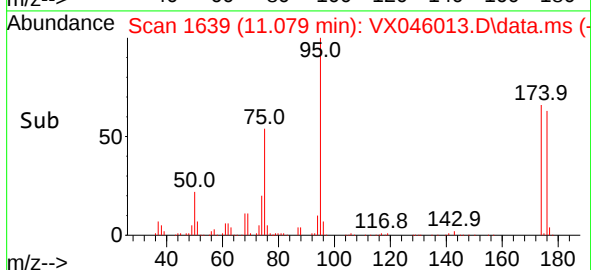
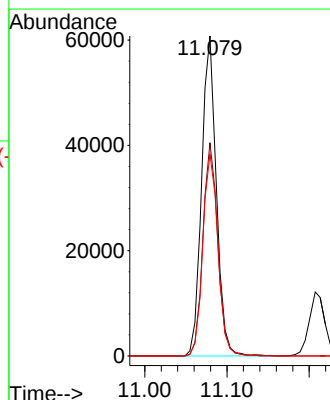
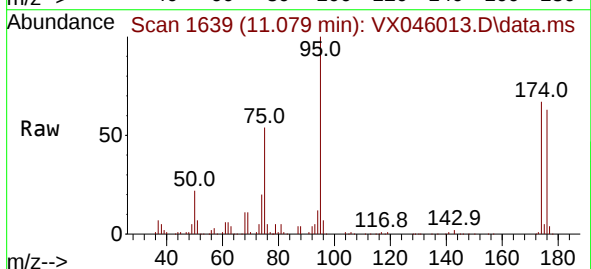
Manual Integrations
APPROVED

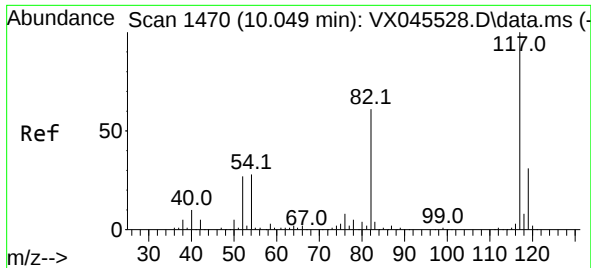
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#62
4-Bromofluorobenzene
Concen: 55.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

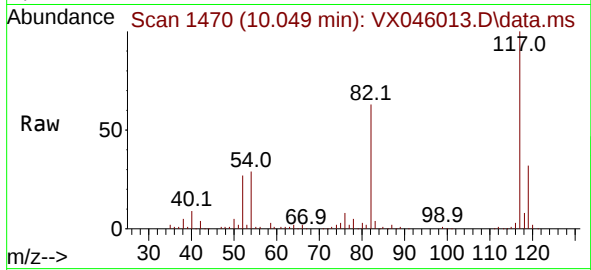
Tgt Ion: 95 Resp: 75473
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

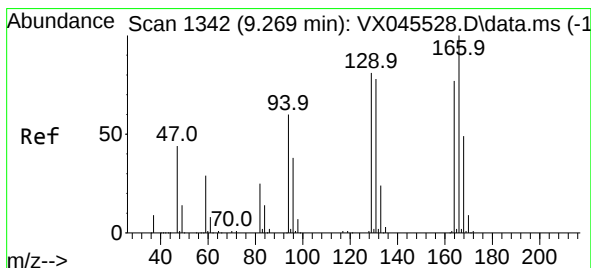
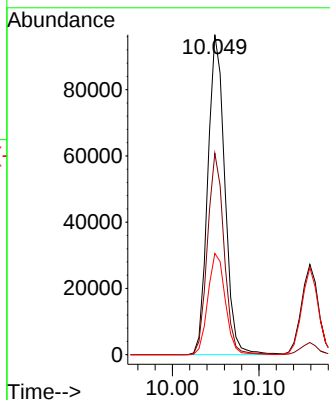
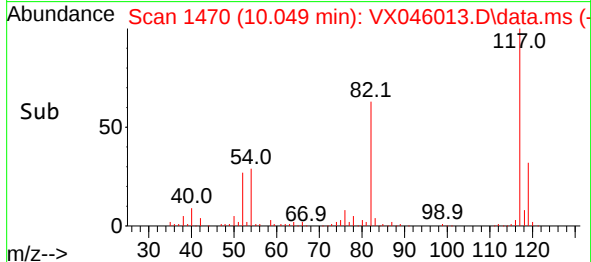
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 131792
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 31.6 25.1 37.7

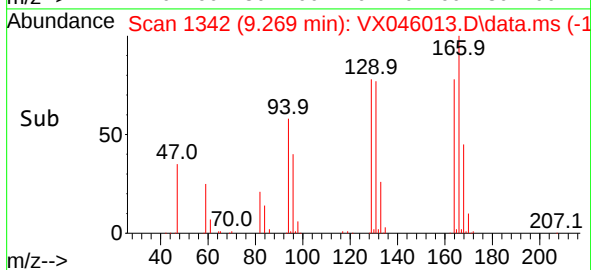
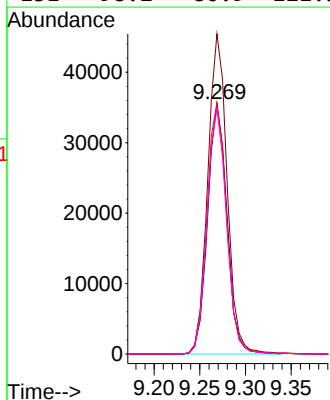
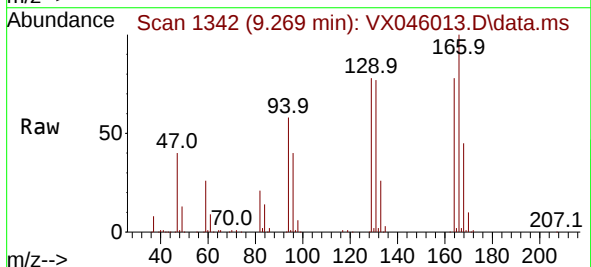
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#64
Tetrachloroethene
Concen: 56.056 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:164 Resp: 52160
Ion Ratio Lower Upper
164 100
166 128.1 103.8 155.8
129 100.5 84.3 126.5
131 98.2 80.9 121.3





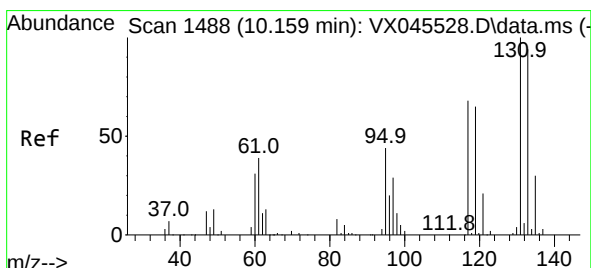
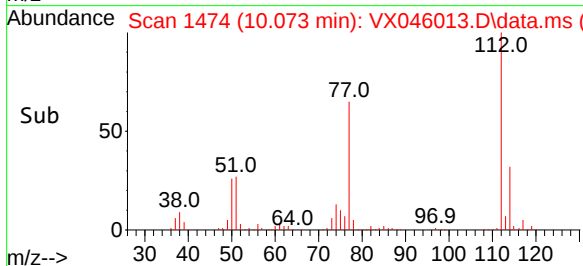
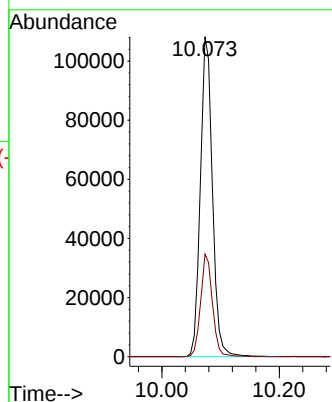
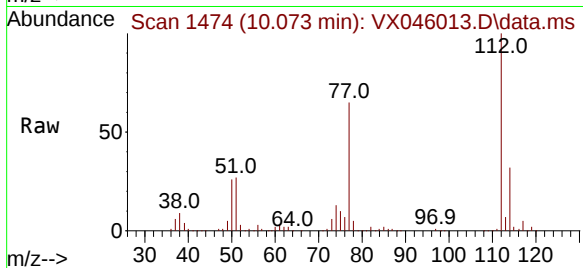
#65
Chlorobenzene
Concen: 54.866 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 154514
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

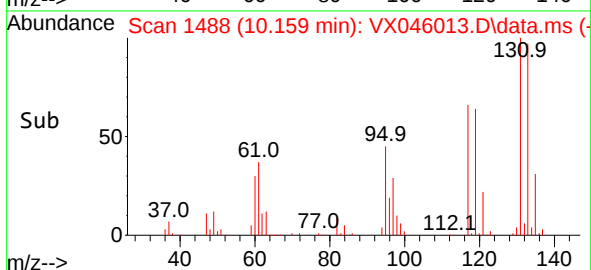
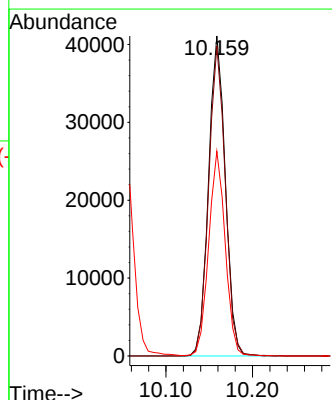
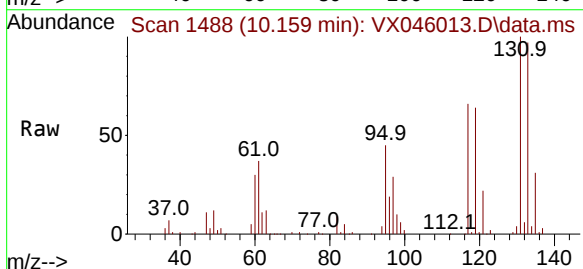
Manual Integrations
APPROVED

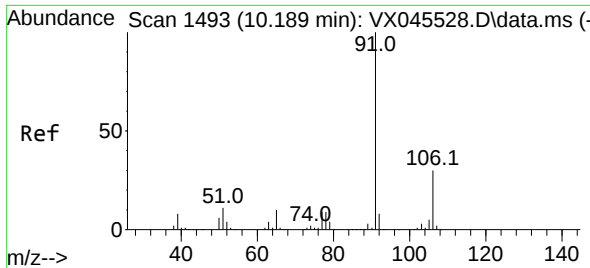
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.561 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

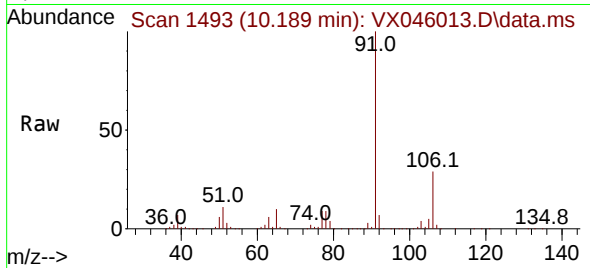
Tgt Ion:131 Resp: 55301
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 63.2 32.9 98.6





#67
Ethyl Benzene
Concen: 56.387 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

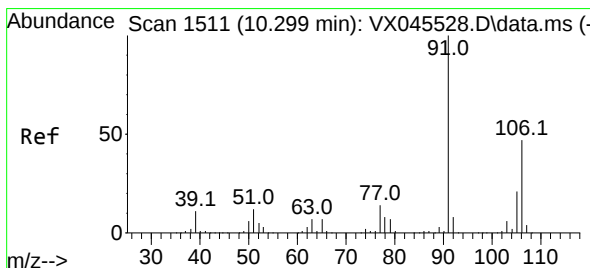
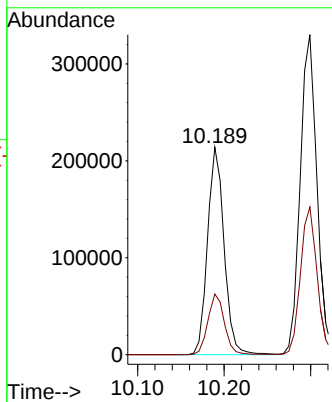
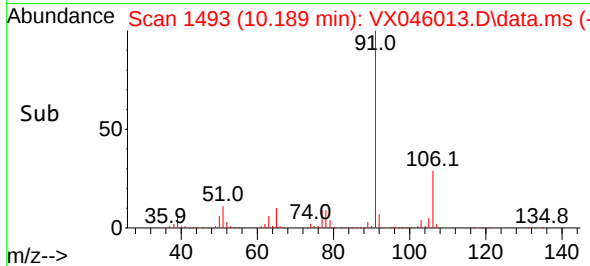
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 284404
Ion Ratio Lower Upper
91 100
106 29.2 23.7 35.5

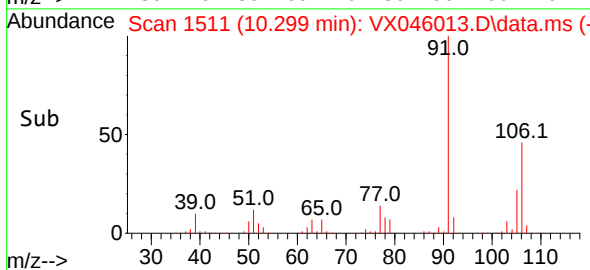
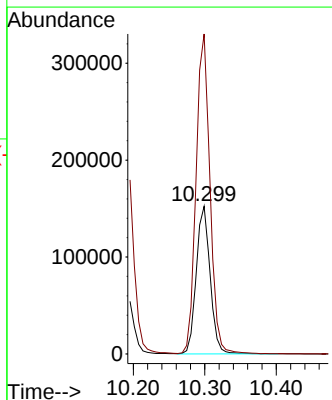
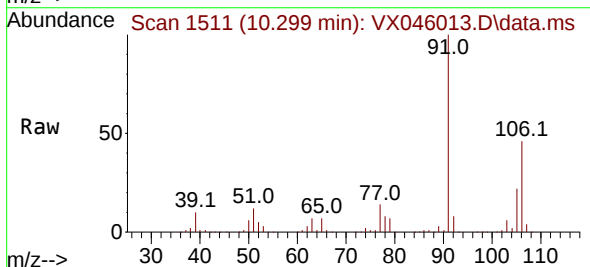
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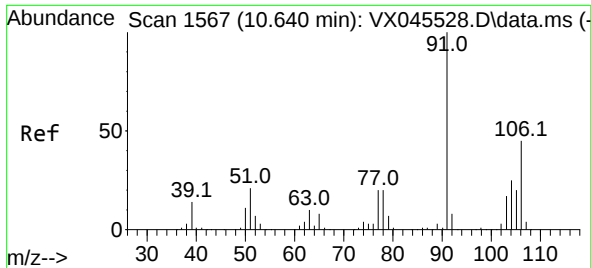
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#68
m/p-Xylenes
Concen: 111.677 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:106 Resp: 204868
Ion Ratio Lower Upper
106 100
91 217.9 172.6 258.8





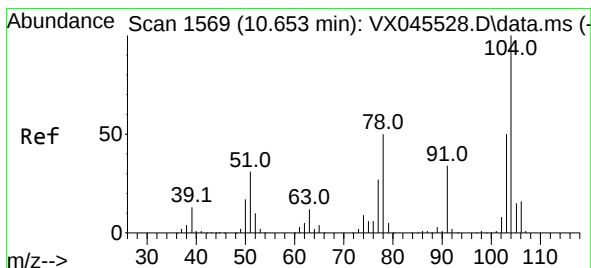
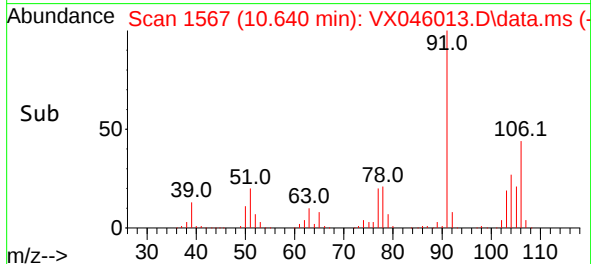
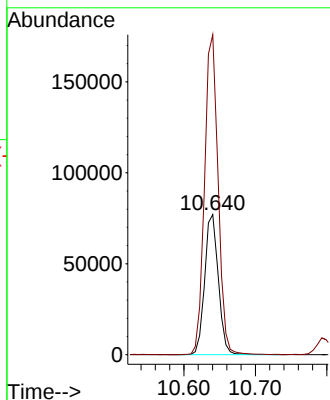
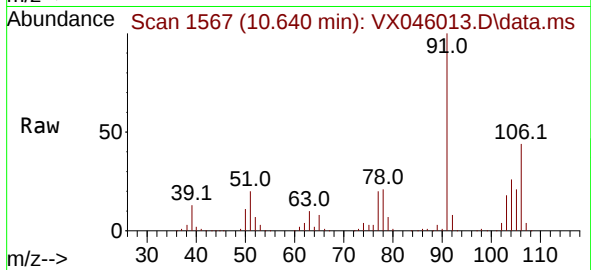
#69
o-Xylene
Concen: 56.619 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 102319
Ion Ratio Lower Upper
106 100
91 227.5 113.6 340.6

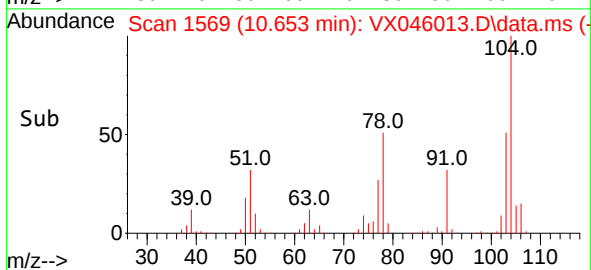
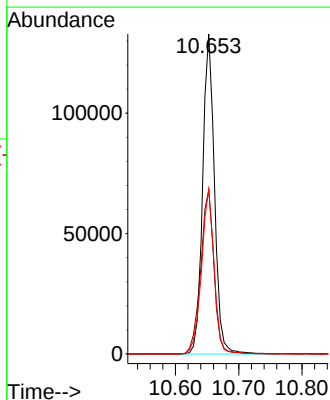
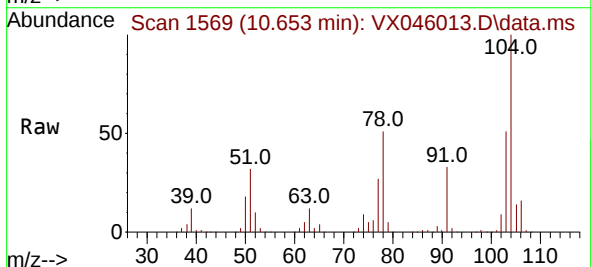
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 58.075 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:104 Resp: 173217
Ion Ratio Lower Upper
104 100
78 57.7 45.4 68.2
103 55.4 43.8 65.8





#71

Bromoform

Concen: 59.828 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4367

Ion Ratio Lower Upper

173 100

175 47.2 23.4 70.2

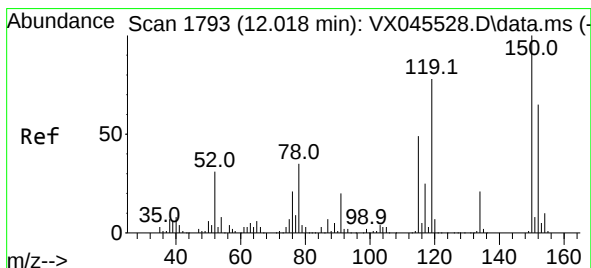
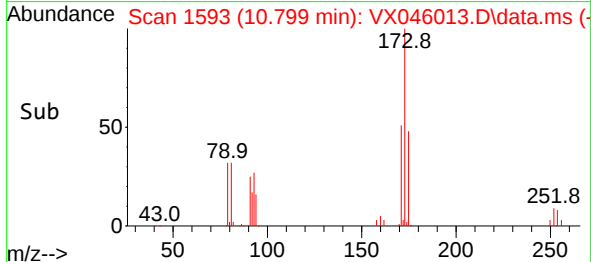
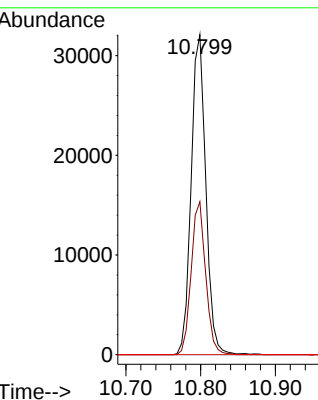
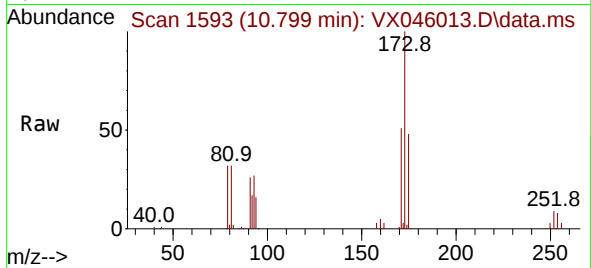
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

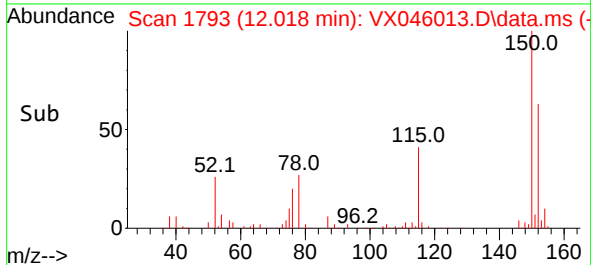
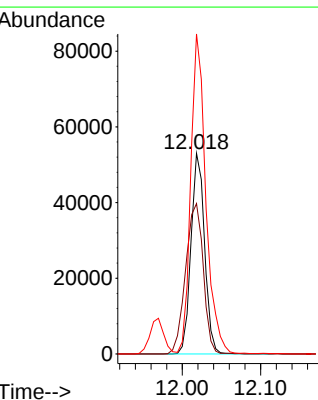
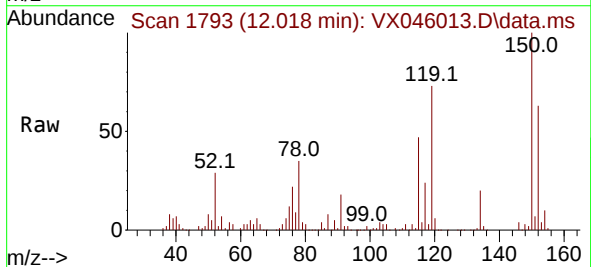
Tgt Ion:152 Resp: 63914

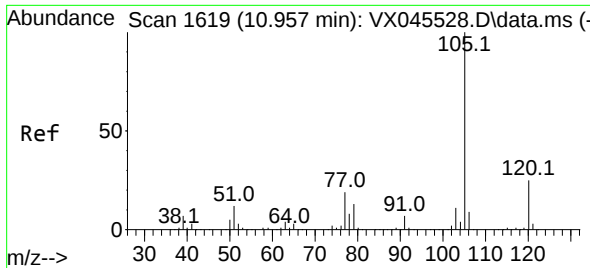
Ion Ratio Lower Upper

152 100

115 97.4 46.9 140.7

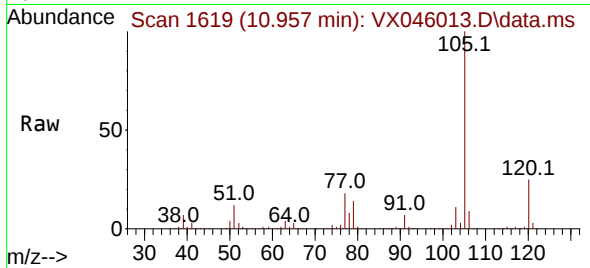
150 176.4 0.0 349.4





#73
Isopropylbenzene
Concen: 53.704 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

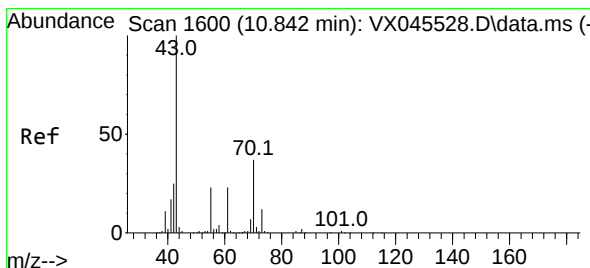
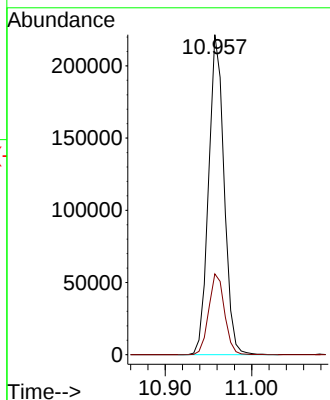
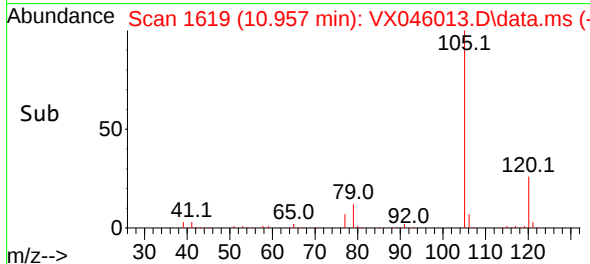
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



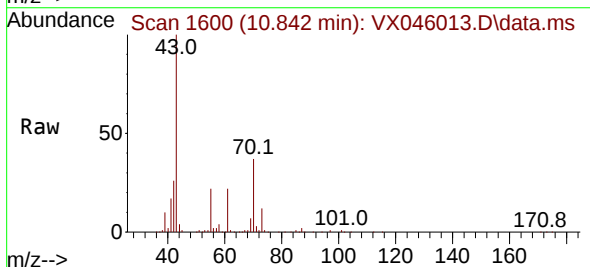
Tgt Ion:105 Resp: 27494
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.0

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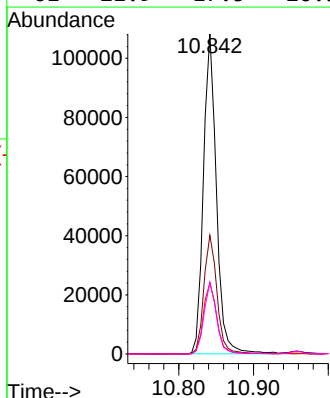
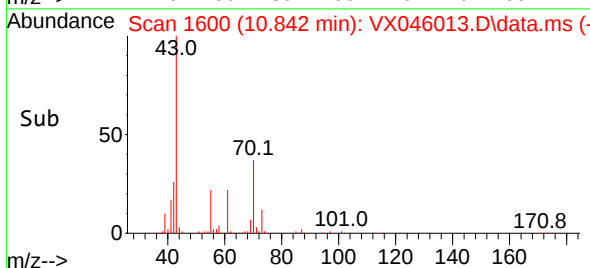
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#74
N-ethyl acetate
Concen: 53.253 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26



Tgt Ion: 43 Resp: 130414
Ion Ratio Lower Upper
43 100
70 37.9 30.1 45.1
55 23.1 18.3 27.5
61 21.9 17.5 26.3





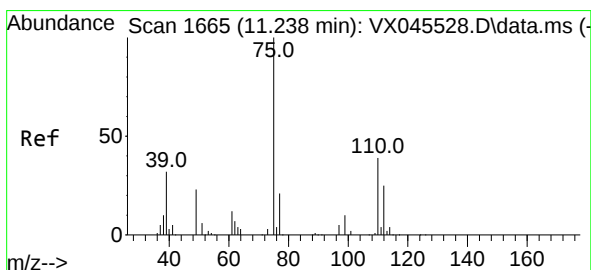
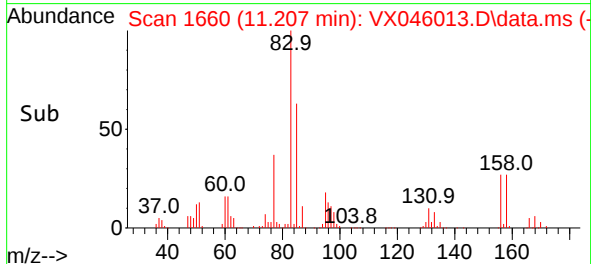
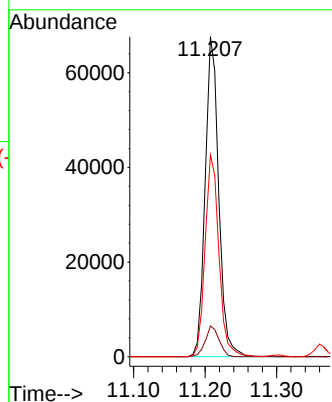
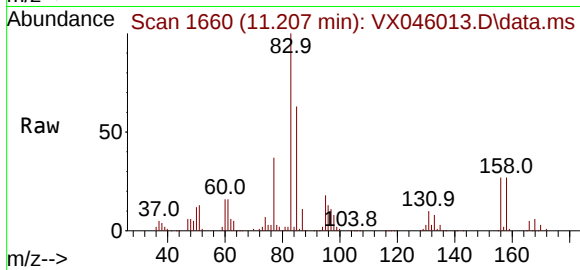
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.494 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX046013.D
 Acq: 02 May 2025 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 8901
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 64.3 32.4 97.2

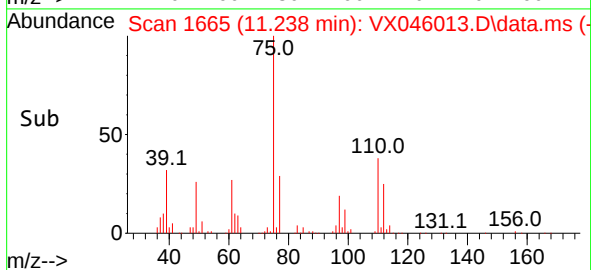
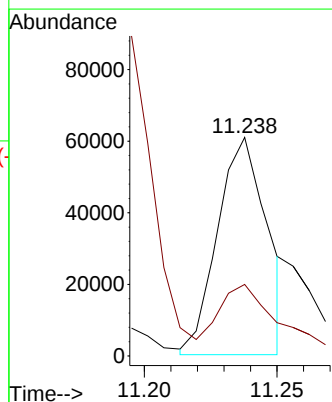
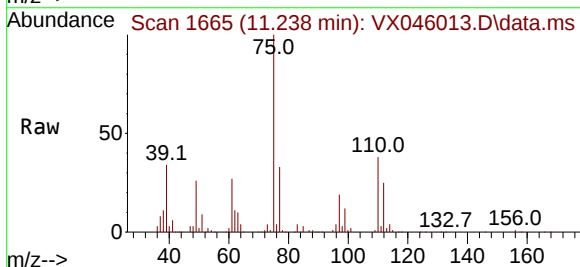
Manual Integrations
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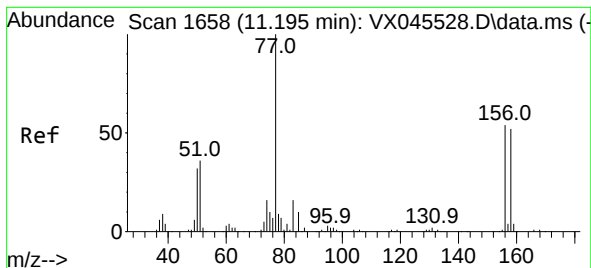
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#76
 1,2,3-Trichloropropane
 Concen: 50.537 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046013.D
 Acq: 02 May 2025 09:26

Tgt Ion: 75 Resp: 78788
 Ion Ratio Lower Upper
 75 100
 77 41.2 20.0 59.9





#77

Bromobenzene

Concen: 52.417 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

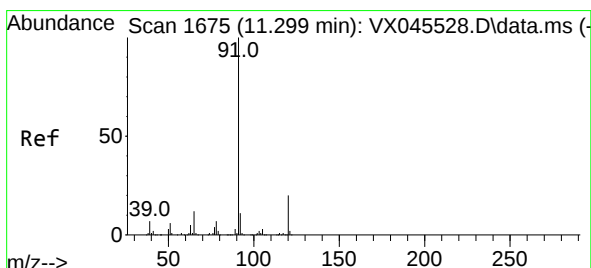
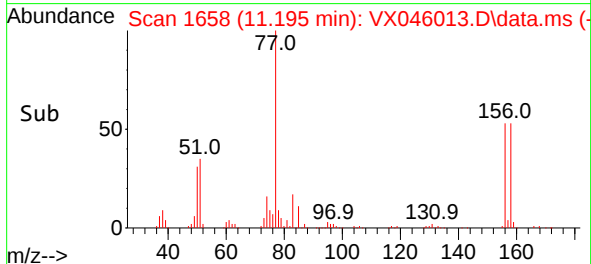
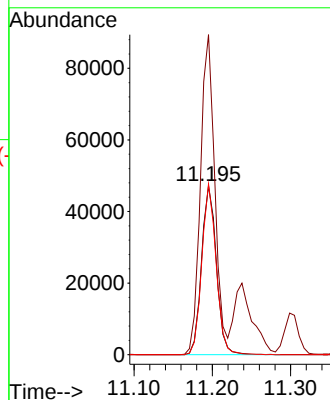
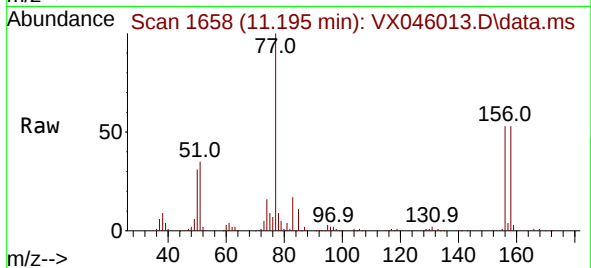
Tgt Ion:	156	Resp:	62004
Ion Ratio	Lower	Upper	
156	100		
77	184.1	92.6	277.8
158	97.8	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#78

n-propylbenzene

Concen: 54.975 ug/l

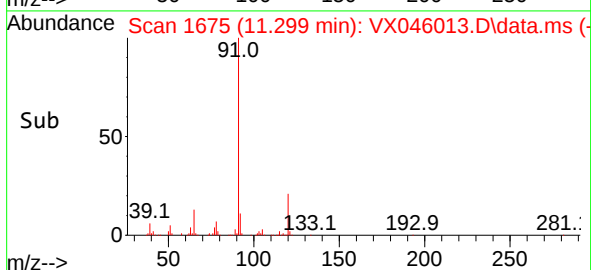
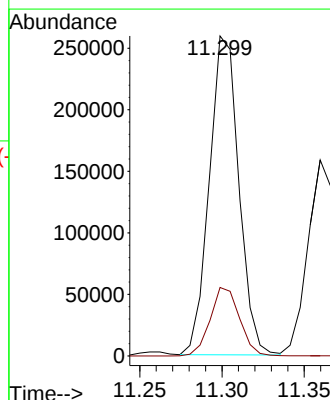
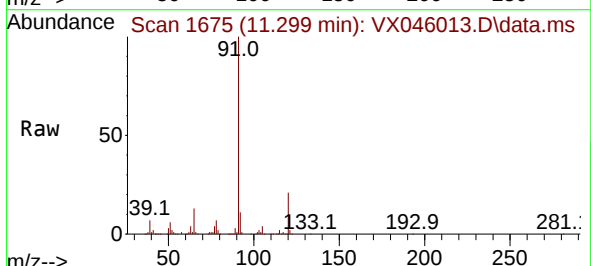
RT: 11.299 min Scan# 1675

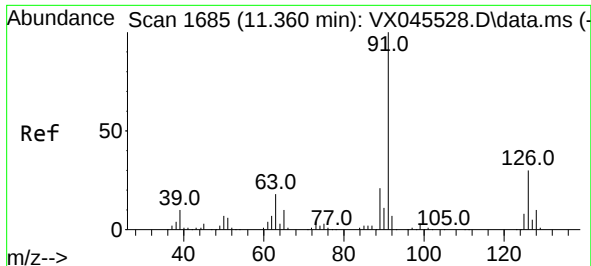
Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

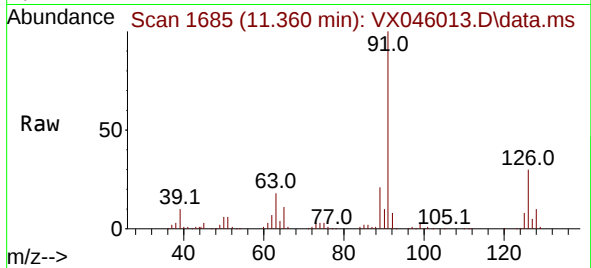
Tgt Ion:	91	Resp:	324182
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.8	32.3





#79
2-Chlorotoluene
Concen: 52.854 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

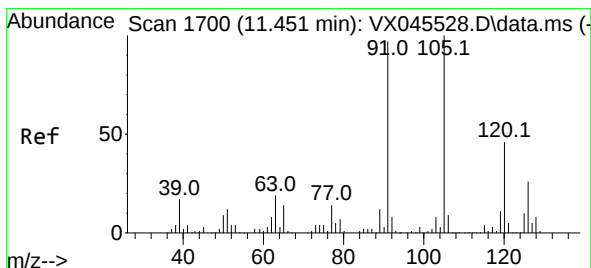
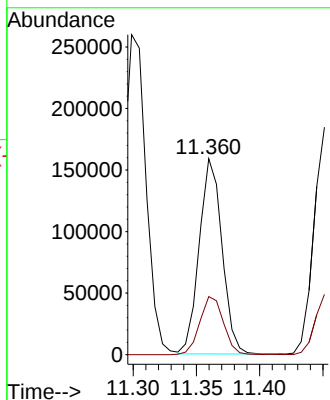
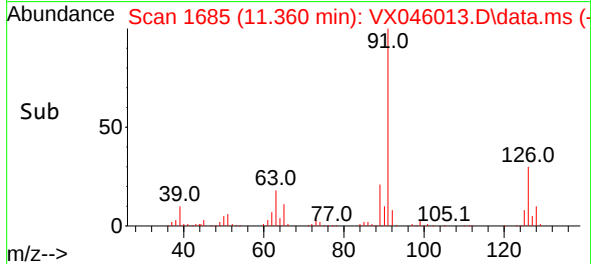
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



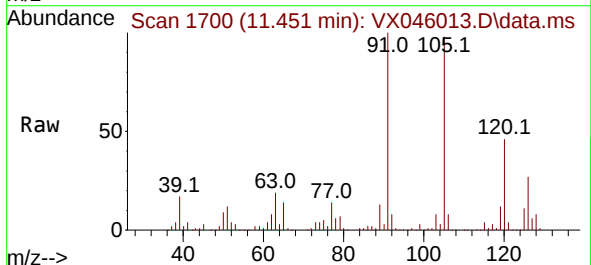
Tgt Ion: 91 Resp: 19925
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4

Manual Integrations
APPROVED

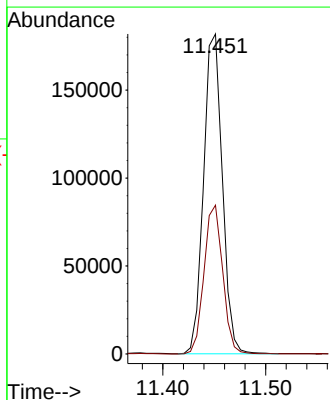
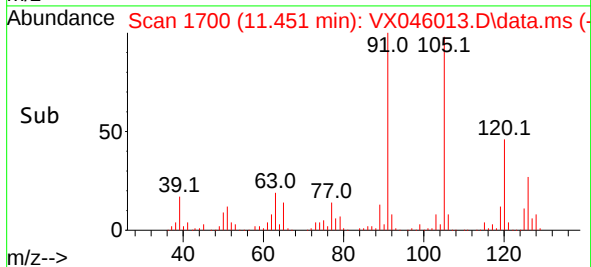
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

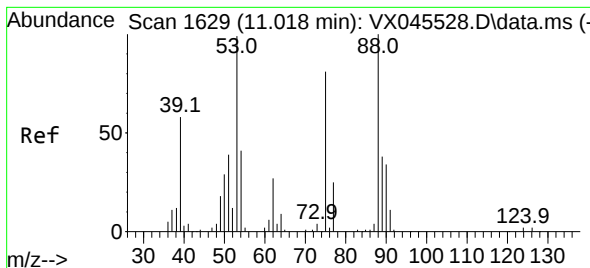


#80
1,3,5-Trimethylbenzene
Concen: 54.738 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26



Tgt Ion:105 Resp: 231731
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





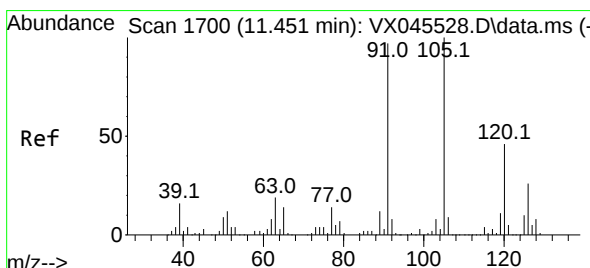
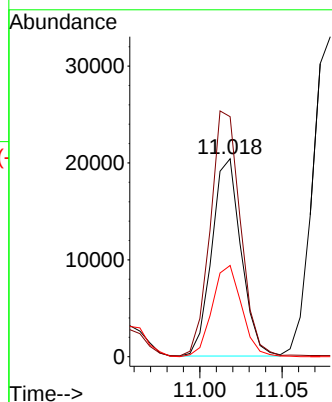
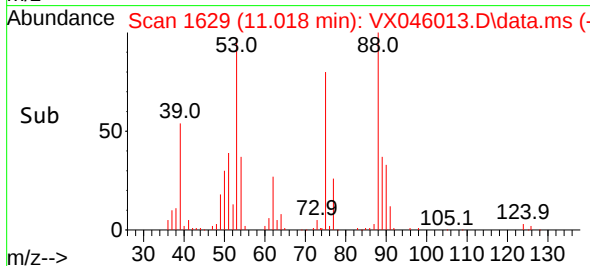
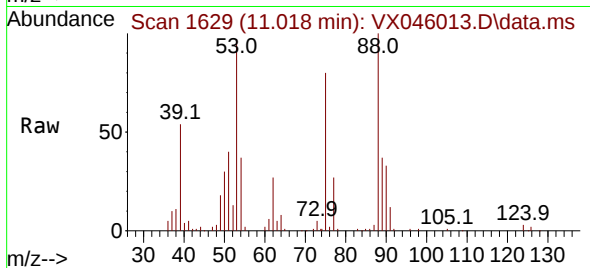
#81
trans-1,4-Dichloro-2-butene
Concen: 55.016 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2527
Ion Ratio Lower Upper
75 100
53 129.7 101.8 152.6
89 46.6 37.2 55.8

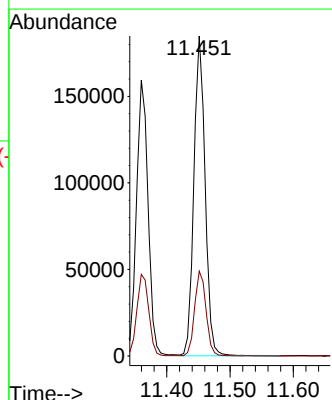
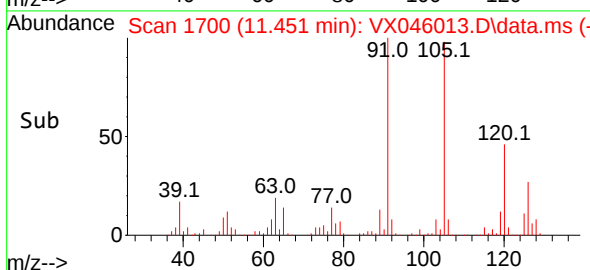
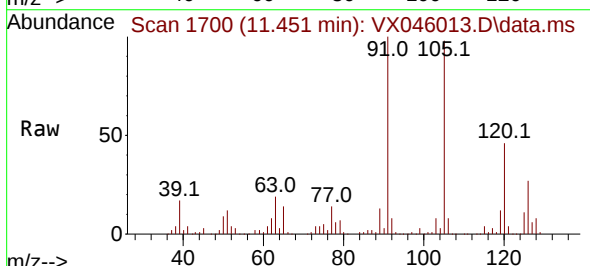
Manual Integrations
APPROVED

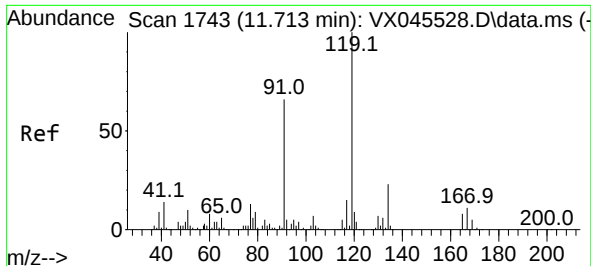
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#82
4-Chlorotoluene
Concen: 54.305 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

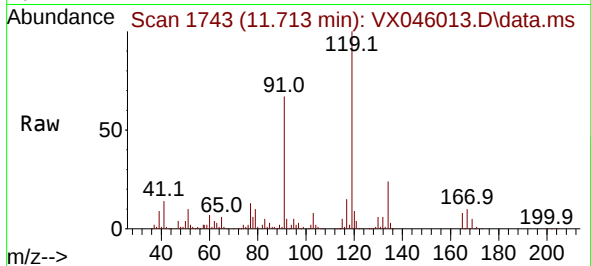
Tgt Ion: 91 Resp: 228256
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.9





#83
tert-Butylbenzene
Concen: 54.192 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

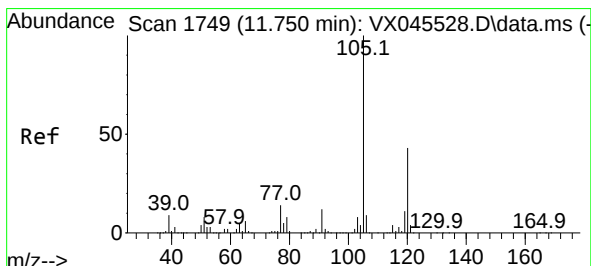
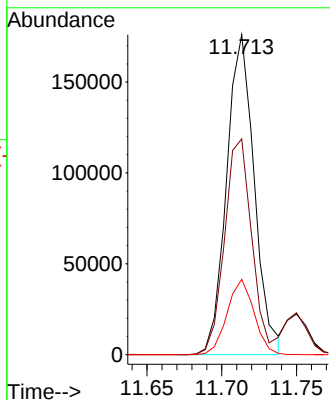
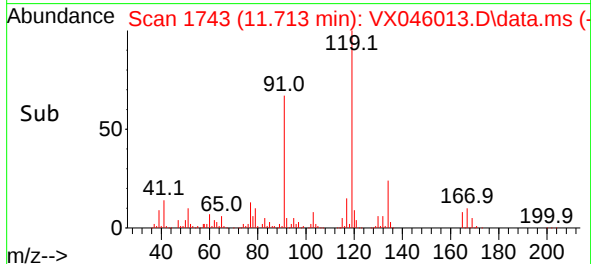
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 22713
Ion Ratio Lower Upper
119 100
91 65.7 32.4 97.2
134 22.8 11.5 34.5

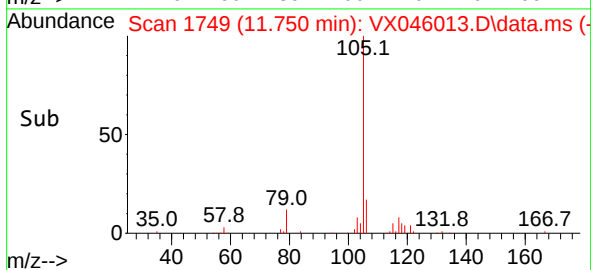
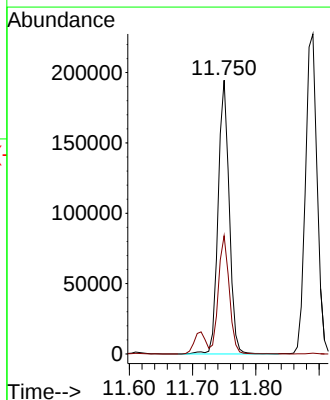
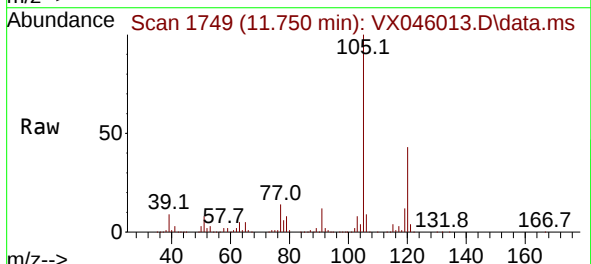
Manual Integrations
APPROVED

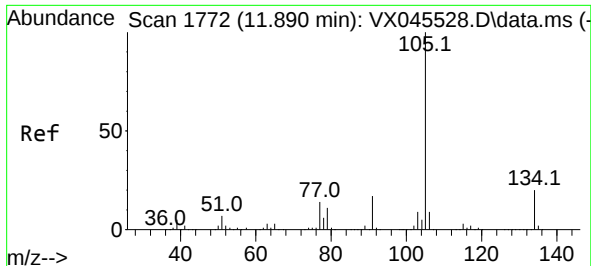
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#84
1,2,4-Trimethylbenzene
Concen: 55.325 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

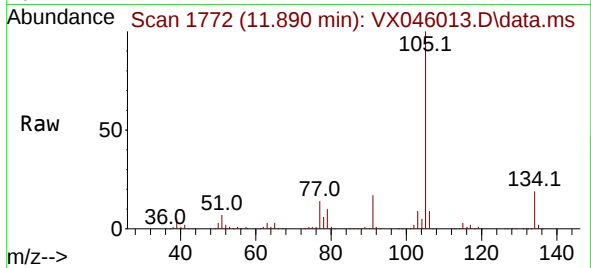
Tgt Ion:105 Resp: 235077
Ion Ratio Lower Upper
105 100
120 42.4 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 56.125 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046013.D
 Acq: 02 May 2025 09:26

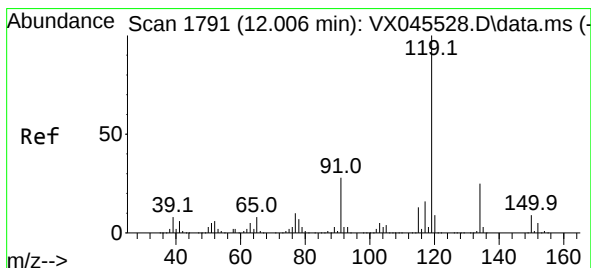
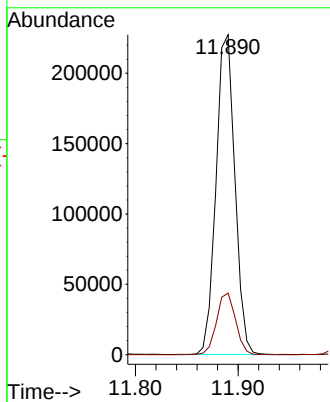
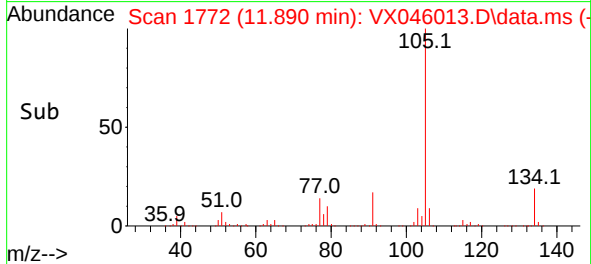
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



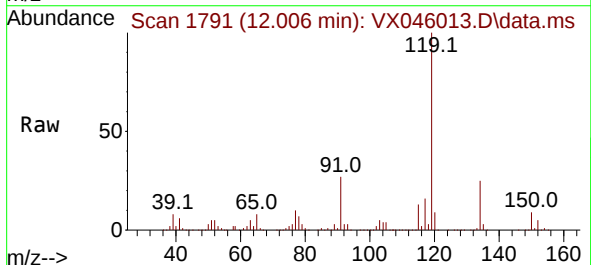
Tgt Ion:105 Resp: 28892
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6

Manual Integrations
 APPROVED

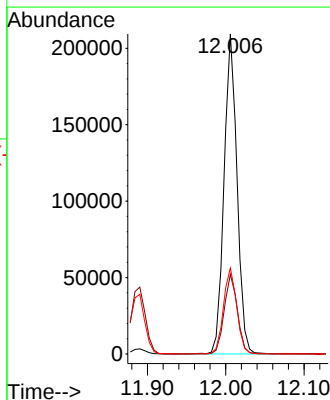
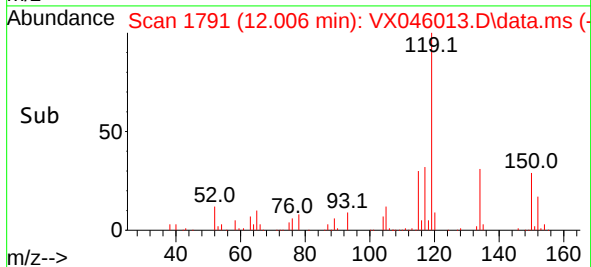
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#86
 p-Isopropyltoluene
 Concen: 56.978 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046013.D
 Acq: 02 May 2025 09:26



Tgt Ion:119 Resp: 241820
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 53.602 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11541

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

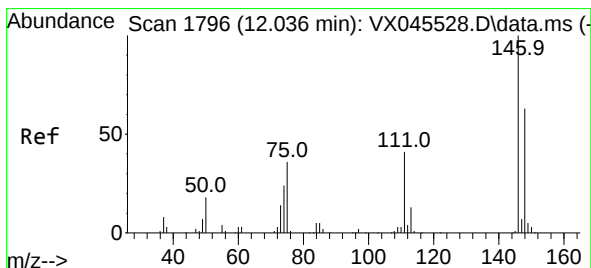
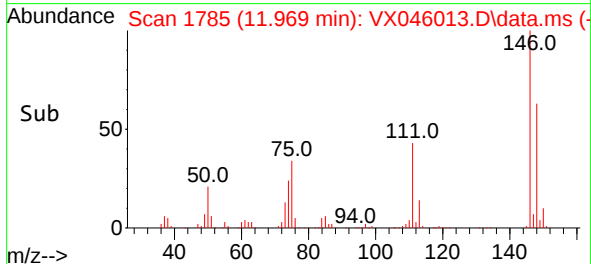
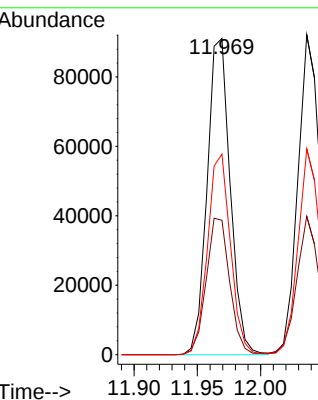
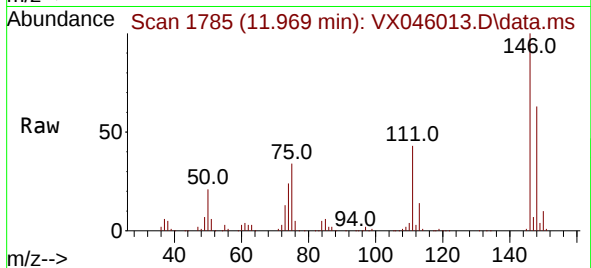
148 63.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#88

1,4-Dichlorobenzene

Concen: 52.200 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

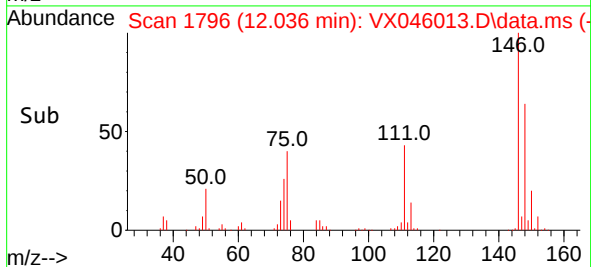
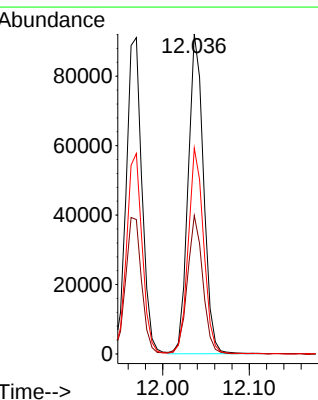
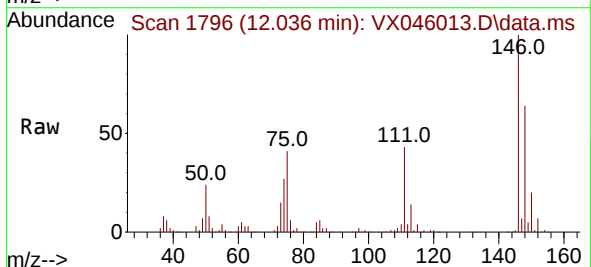
Tgt Ion:146 Resp: 113949

Ion Ratio Lower Upper

146 100

111 42.9 20.9 62.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 59.435 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 21873

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.6

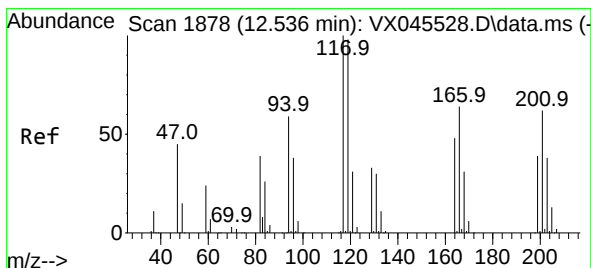
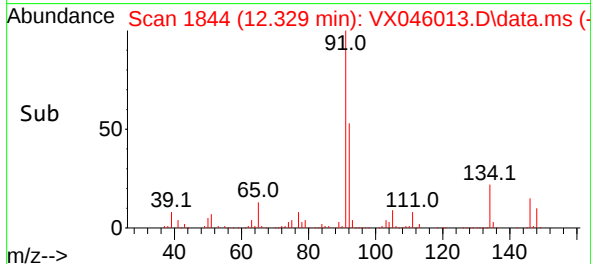
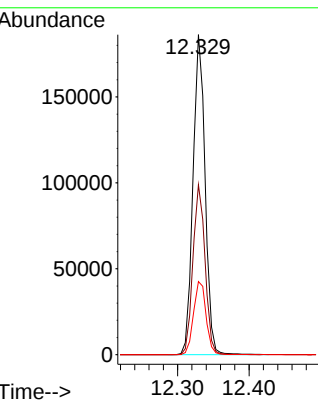
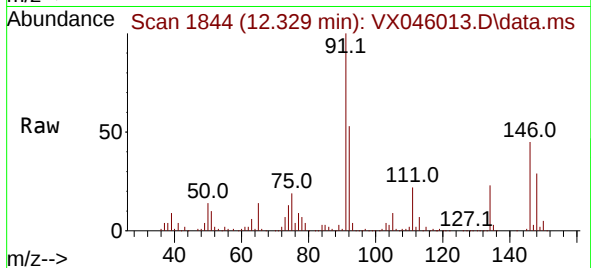
134 23.8 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#90

Hexachloroethane

Concen: 58.049 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046013.D

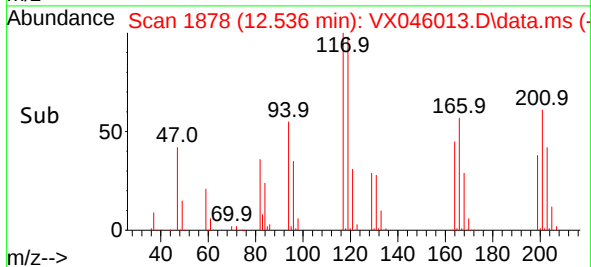
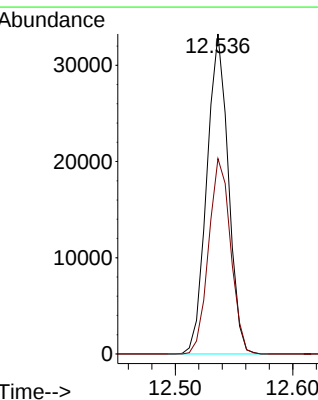
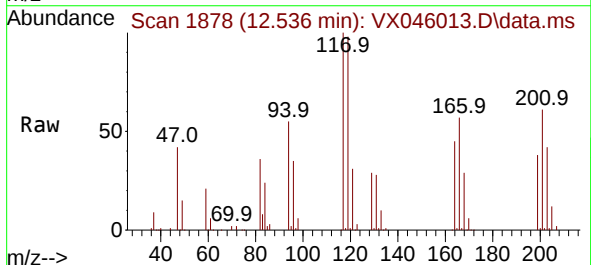
Acq: 02 May 2025 09:26

Tgt Ion:117 Resp: 42340

Ion Ratio Lower Upper

117 100

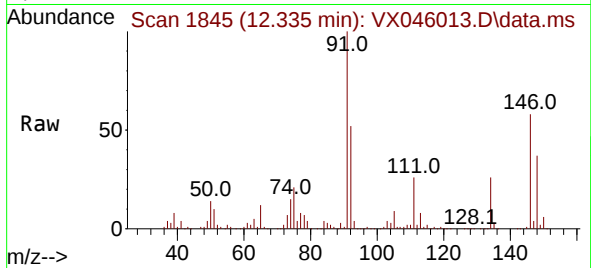
201 62.3 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 52.967 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

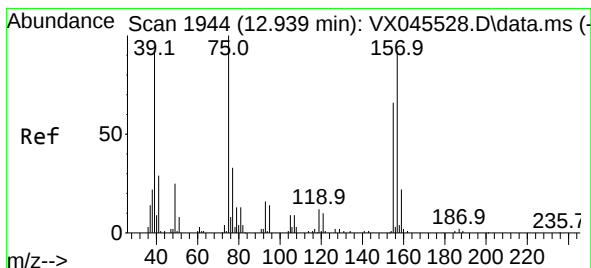
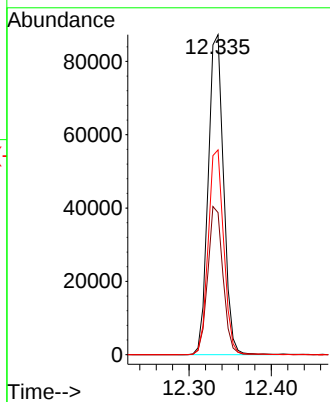
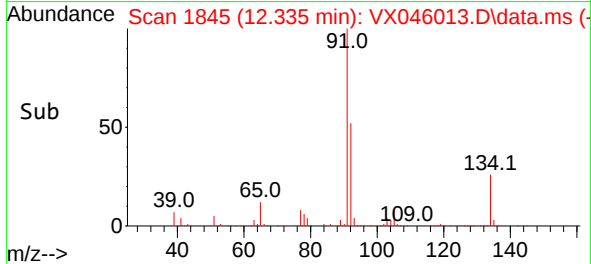
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 113389
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 64.4 31.9 95.5

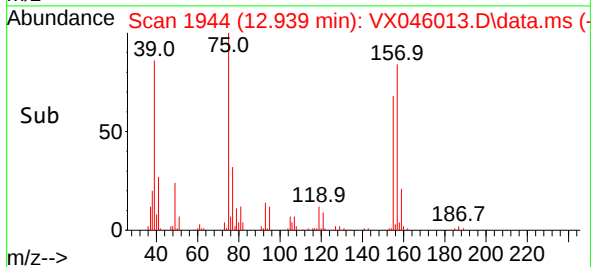
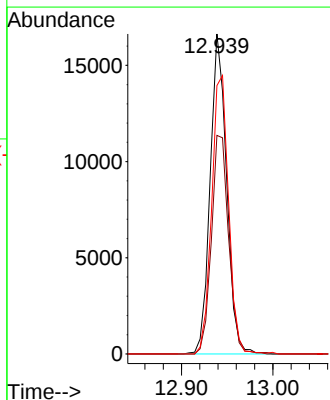
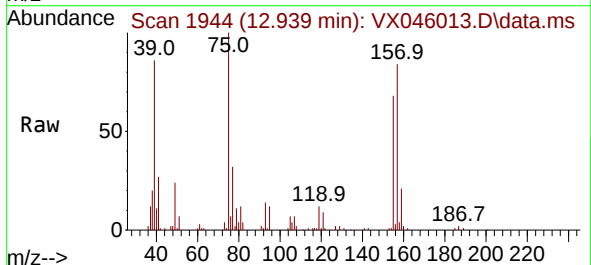
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.166 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion: 75 Resp: 20749
Ion Ratio Lower Upper
75 100
155 71.5 34.9 104.7
157 89.5 44.9 134.7





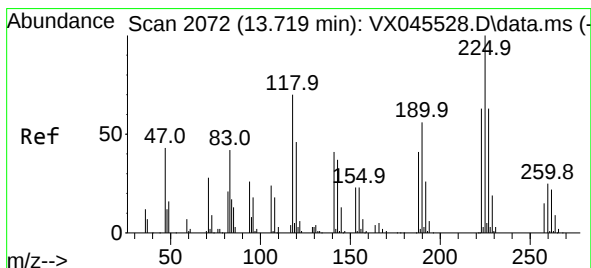
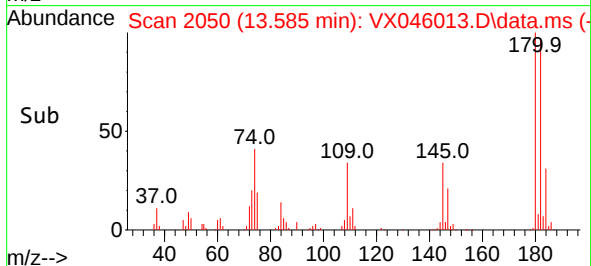
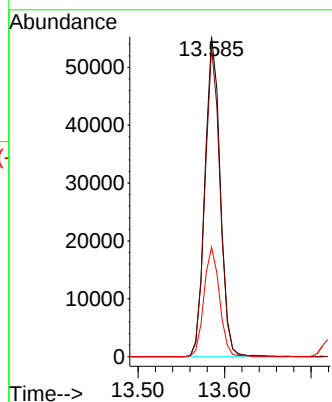
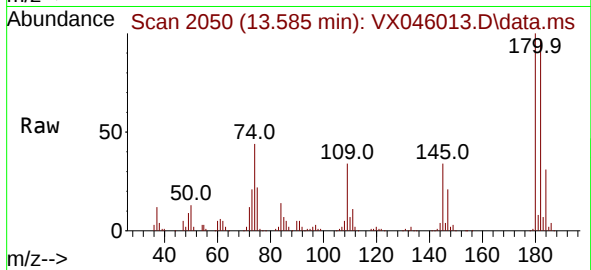
#93
1,2,4-Trichlorobenzene
Concen: 56.947 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 67859
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 34.6 17.9 53.8

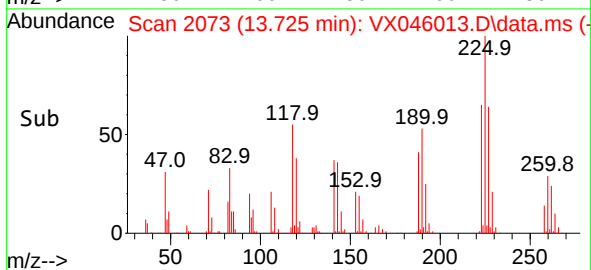
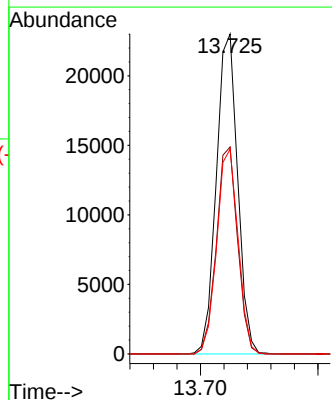
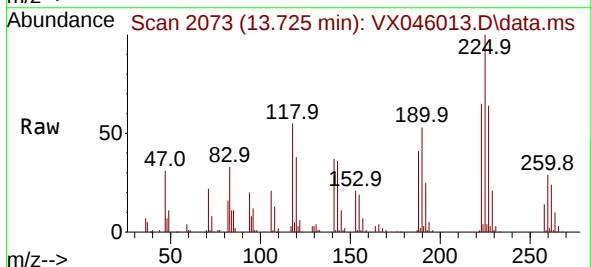
Manual Integrations
APPROVED

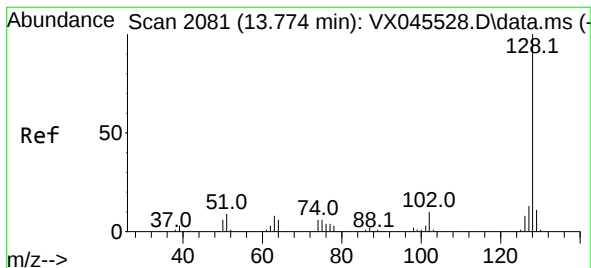
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#94
Hexachlorobutadiene
Concen: 56.463 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046013.D
Acq: 02 May 2025 09:26

Tgt Ion:225 Resp: 28993
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.3
227 63.9 32.2 96.6





#95

Naphthalene

Concen: 54.403 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 241248

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

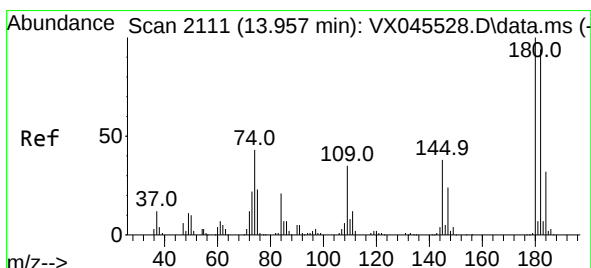
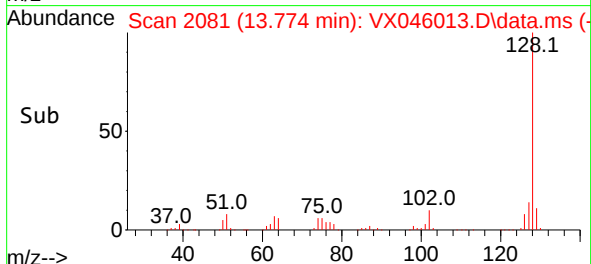
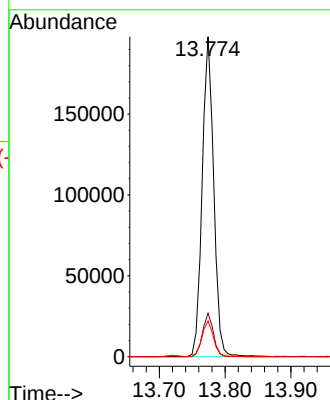
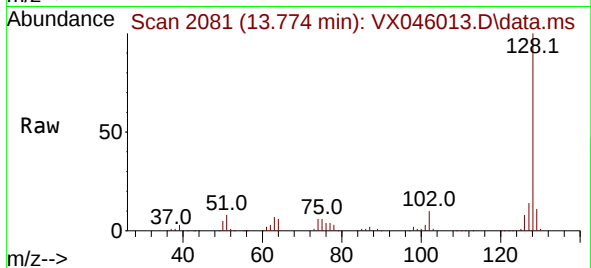
129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.945 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX046013.D

Acq: 02 May 2025 09:26

Tgt Ion:180 Resp: 69807

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 35.7 18.2 54.6

