

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045972.D
 Acq On : 29 Apr 2025 11:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 30 01:34:14 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/30/2025
 Supervised By : Semsettin Yesilyurt 04/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73197	50.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	5.379	113	51117	52.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.580%			
50) Toluene-d8	8.647	98	169543	50.167	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	68053	55.282	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56766	47.604	ug/l	98
3) Chloromethane	1.307	50	57423	46.873	ug/l	99
4) Vinyl Chloride	1.374	62	53978	48.146	ug/l	98
5) Bromomethane	1.593	94	25884	48.692	ug/l	99
6) Chloroethane	1.672	64	31454	52.880	ug/l	97
7) Trichlorofluoromethane	1.873	101	89866	53.754	ug/l	99
8) Diethyl Ether	2.130	74	30270	53.930	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	54964	56.106	ug/l	97
10) Methyl Iodide	2.447	142	63754	52.175	ug/l	97
11) Tert butyl alcohol	2.965	59	53098	270.952	ug/l	99
12) 1,1-Dichloroethene	2.312	96	49544	51.757	ug/l	100
13) Acrolein	2.233	56	75463	279.636	ug/l	100
14) Allyl chloride	2.660	41	99721	54.905	ug/l	100
15) Acrylonitrile	3.056	53	162491	262.675	ug/l	99
16) Acetone	2.379	43	151511	253.037	ug/l	98
17) Carbon Disulfide	2.501	76	110415	46.702	ug/l	100
18) Methyl Acetate	2.703	43	90571	65.698	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189229	56.510	ug/l	100
20) Methylene Chloride	2.782	84	57561	51.349	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	51382	52.541	ug/l	97
22) Diisopropyl ether	3.757	45	198823	55.572	ug/l	98
23) Vinyl Acetate	3.715	43	850445	275.122	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107571	53.165	ug/l	99
25) 2-Butanone	4.550	43	230771	263.293	ug/l	99
26) 2,2-Dichloropropane	4.464	77	87140	66.657	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	62384	52.359	ug/l	96
28) Bromochloromethane	4.891	49	47599	48.681	ug/l	100
29) Tetrahydrofuran	4.995	42	148589	261.485	ug/l	99
30) Chloroform	5.080	83	114100	54.804	ug/l	97
31) Cyclohexane	5.458	56	92482	51.702	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	99091	56.248	ug/l	98
36) 1,1-Dichloropropene	5.684	75	72464	55.429	ug/l	99
37) Ethyl Acetate	4.702	43	88255	53.569	ug/l	99
38) Carbon Tetrachloride	5.665	117	82968	58.722	ug/l	99
39) Methylcyclohexane	7.372	83	92768	57.889	ug/l	97
40) Benzene	6.031	78	216404	54.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51041	58.717	ug/l	99
42) 1,2-Dichloroethane	6.080	62	93623	56.772	ug/l	99
43) Isopropyl Acetate	6.330	43	144726	57.960	ug/l	100
44) Trichloroethene	7.116	130	52937	55.782	ug/l	96
45) 1,2-Dichloropropane	7.421	63	56203	56.416	ug/l	96
46) Dibromomethane	7.574	93	42353	55.382	ug/l	96
47) Bromodichloromethane	7.818	83	88323	57.832	ug/l	96
48) Methyl methacrylate	7.689	41	76108	59.033	ug/l	97
49) 1,4-Dioxane	7.653	88	26261	1125.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	476758	288.016	ug/l	100
52) Toluene	8.714	92	134979	55.869	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80914	54.861	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	88605	61.738	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	54332	56.435	ug/l	98
56) Ethyl methacrylate	9.110	69	91177	61.194	ug/l	98
57) 1,3-Dichloropropane	9.305	76	95536	56.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212209	281.546	ug/l	99
59) 2-Hexanone	9.427	43	355652	290.138	ug/l	100
60) Dibromochloromethane	9.518	129	62763	59.799	ug/l	98
61) 1,2-Dibromoethane	9.604	107	55889	57.346	ug/l	99
64) Tetrachloroethene	9.268	164	47656	57.360	ug/l	98
65) Chlorobenzene	10.073	112	147209	58.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51417	58.897	ug/l	99
67) Ethyl Benzene	10.189	91	266645	59.208	ug/l	100
68) m/p-Xylenes	10.299	106	195402	119.295	ug/l	100
69) o-Xylene	10.640	106	94855	58.786	ug/l	98
70) Styrene	10.652	104	162328	60.953	ug/l	100
71) Bromoform	10.799	173	41279	63.327	ug/l #	100
73) Isopropylbenzene	10.957	105	257572	53.888	ug/l	100
74) N-amyl acetate	10.841	43	128947	56.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83960	50.004	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	76347m	52.453	ug/l	
77) Bromobenzene	11.195	156	57154	51.752	ug/l	98
78) n-propylbenzene	11.299	91	304769	55.357	ug/l	100
79) 2-Chlorotoluene	11.360	91	184724	52.484	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218314	55.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	24410	56.917	ug/l	97
82) 4-Chlorotoluene	11.451	91	215400	54.890	ug/l	100
83) tert-Butylbenzene	11.713	119	215941	55.184	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	222552	56.100	ug/l	99
85) sec-Butylbenzene	11.890	105	272612	56.721	ug/l	100
86) p-Isopropyltoluene	12.006	119	226257	57.101	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	109450	54.444	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	110289	54.115	ug/l	99
89) n-Butylbenzene	12.329	91	206242	60.023	ug/l	99
90) Hexachloroethane	12.536	117	39744	58.364	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108406	54.239	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20090	57.211	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	64225	57.729	ug/l	97
94) Hexachlorobutadiene	13.725	225	28166	58.752	ug/l	96
95) Naphthalene	13.774	128	228737	55.249	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63932	54.879	ug/l	97

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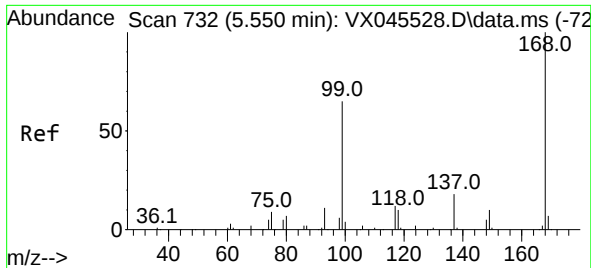
Manual Integrations
APPROVED

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QLast Update : Wed Apr 02 03:11:43 2025
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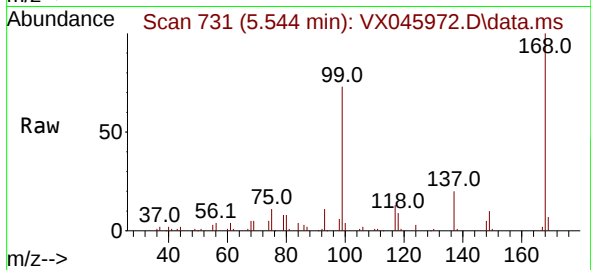
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

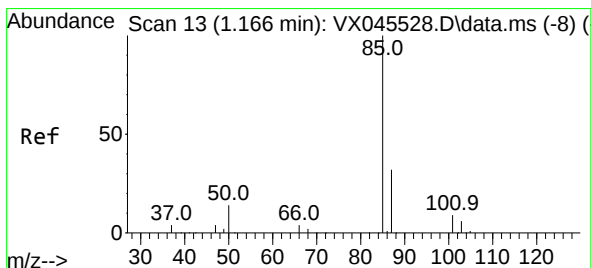
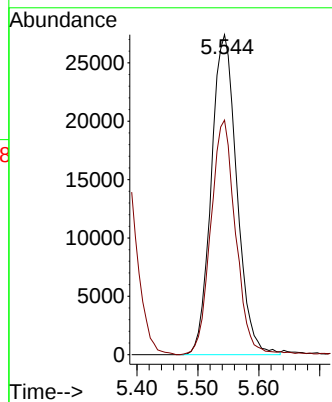
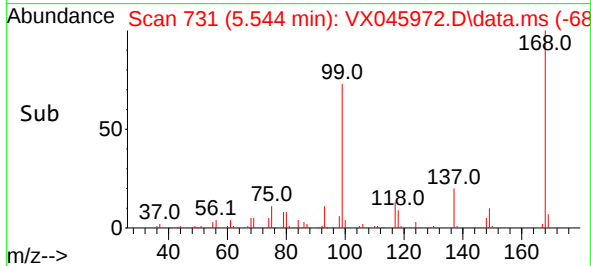
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 7973
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5

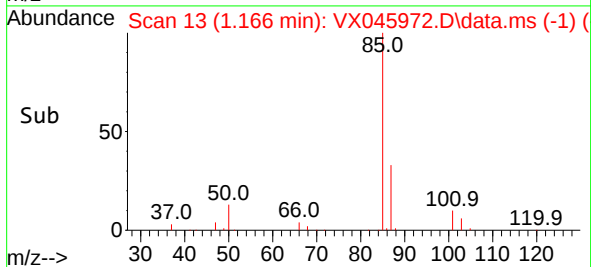
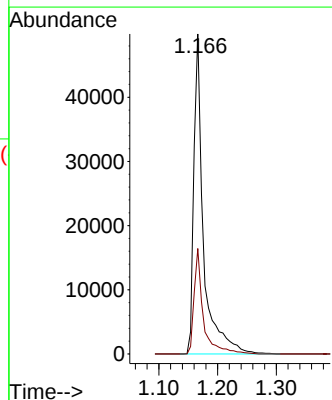
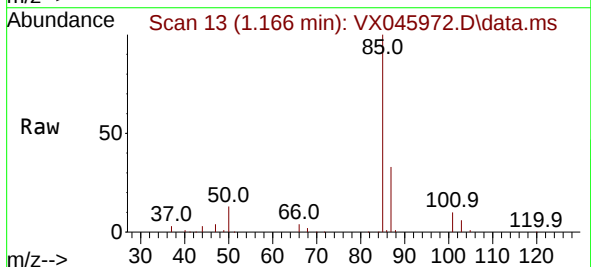
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#2
Dichlorodifluoromethane
Concen: 47.604 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 85 Resp: 56766
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





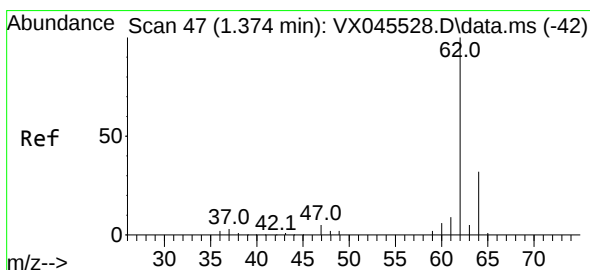
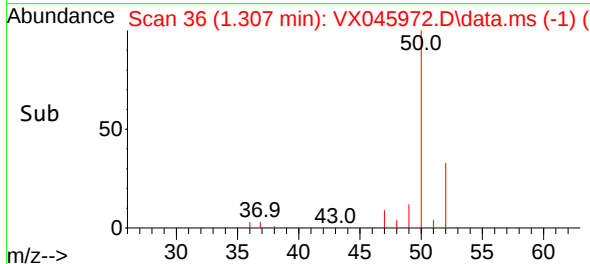
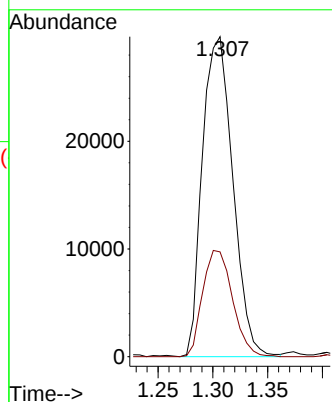
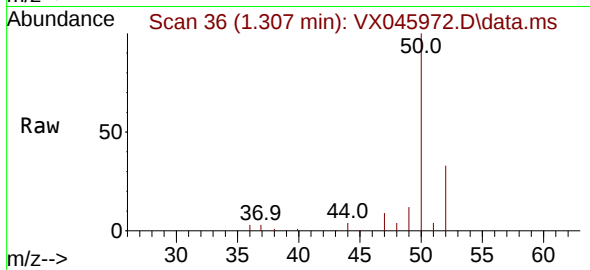
#3
Chloromethane
Concen: 46.873 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5742
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

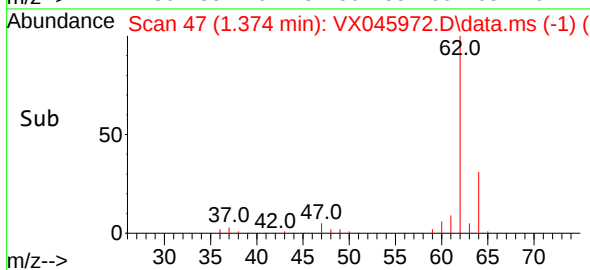
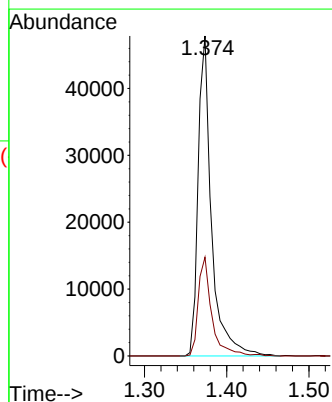
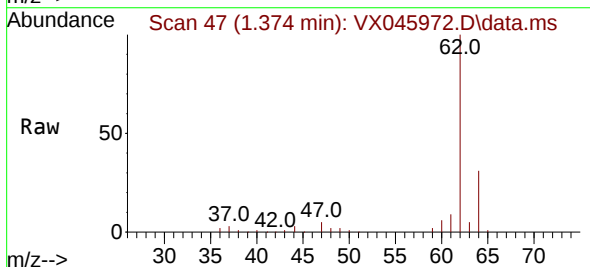
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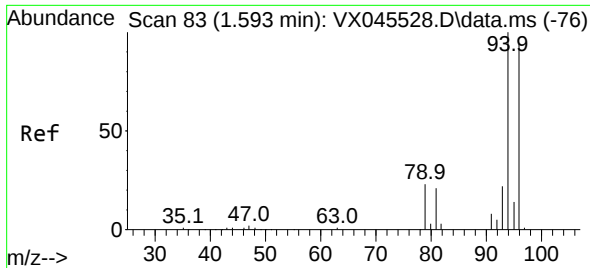
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#4
Vinyl Chloride
Concen: 48.146 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

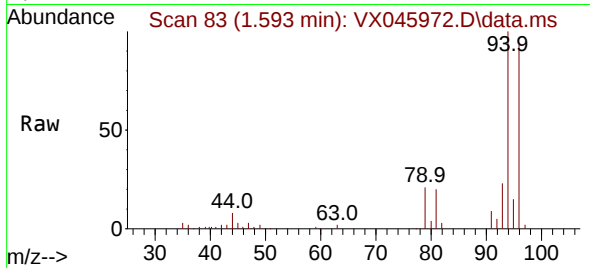
Tgt Ion: 62 Resp: 53978
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3





#5
 Bromomethane
 Concen: 48.692 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

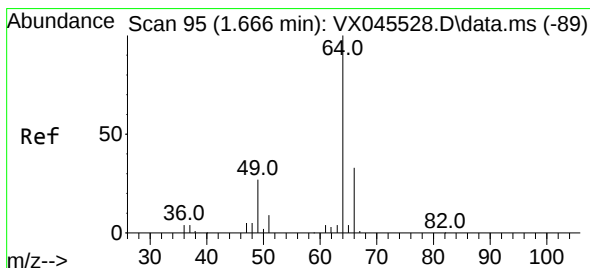
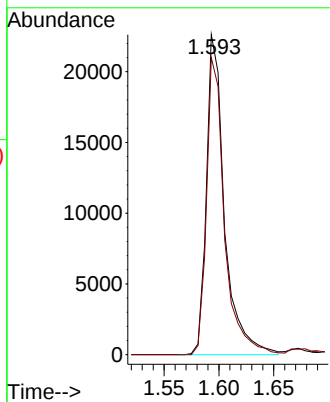
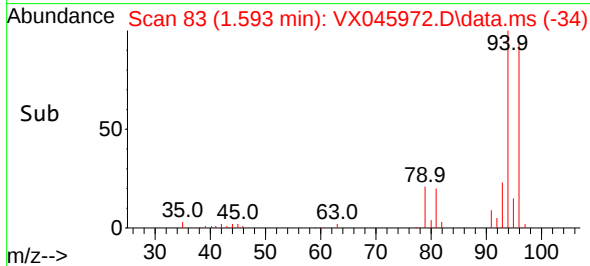
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 94 Resp: 25884
 Ion Ratio Lower Upper
 94 100
 96 92.8 74.8 112.2

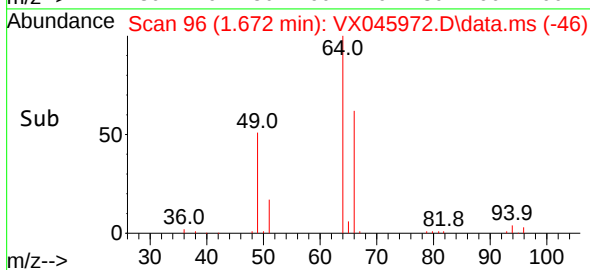
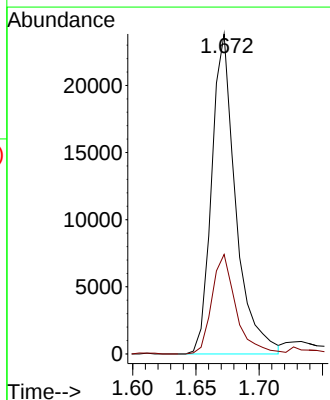
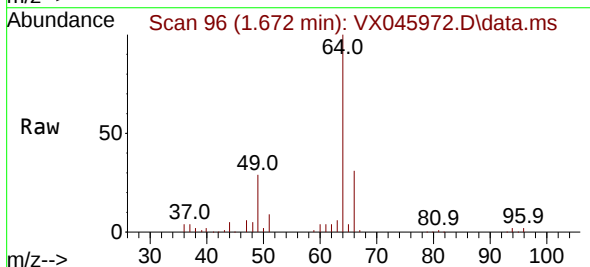
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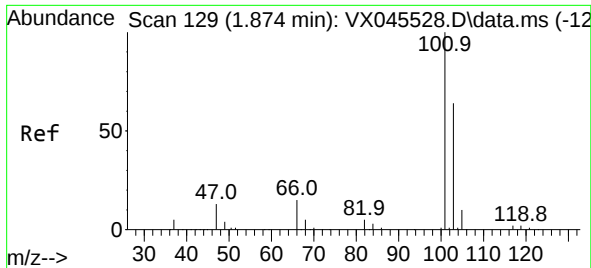
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#6
 Chloroethane
 Concen: 52.880 ug/l
 RT: 1.672 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

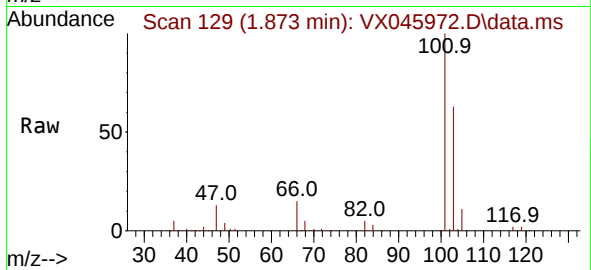
Tgt Ion: 64 Resp: 31454
 Ion Ratio Lower Upper
 64 100
 66 31.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 53.754 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

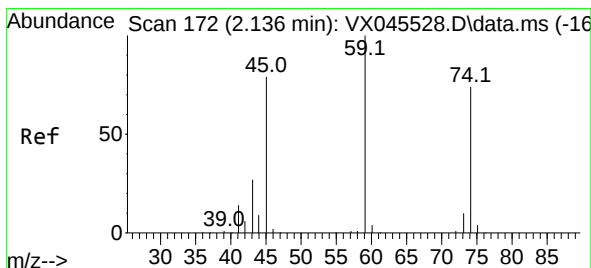
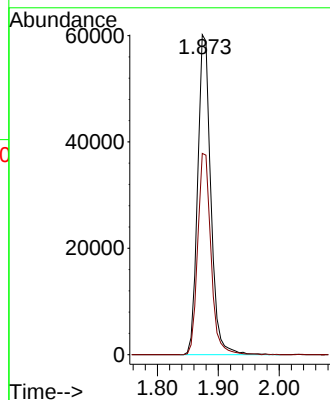
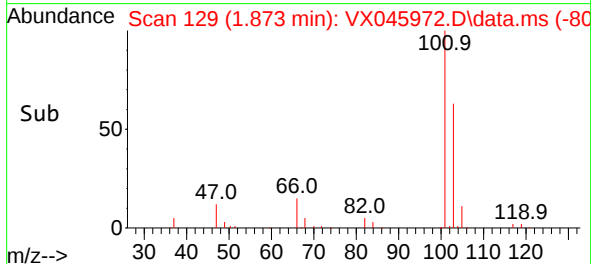
Instrument :
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ClientSampleId :
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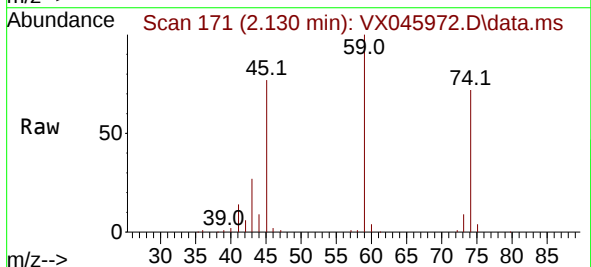
Tgt Ion:101 Resp: 8986
Ion Ratio Lower Upper
101 100
103 62.9 51.1 76.7

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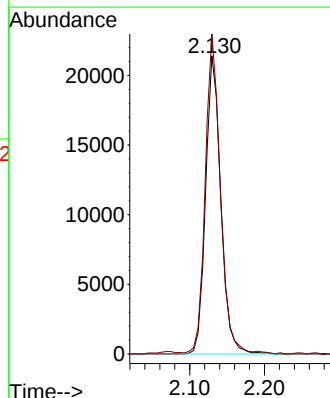
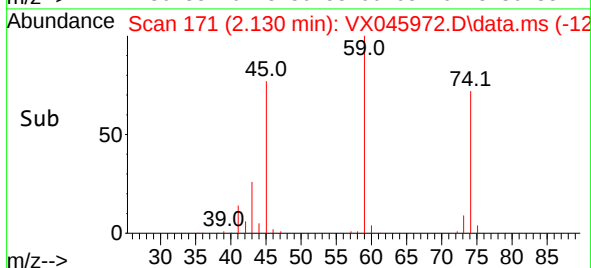
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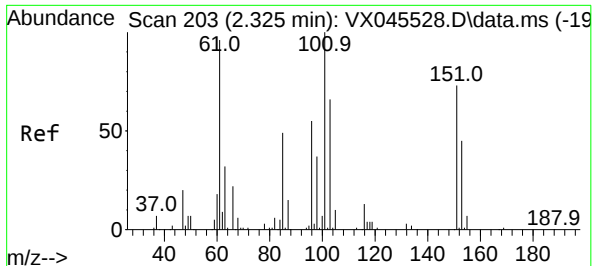


#8
Diethyl Ether
Concen: 53.930 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



Tgt Ion: 74 Resp: 30270
Ion Ratio Lower Upper
74 100
45 106.7 53.0 159.1





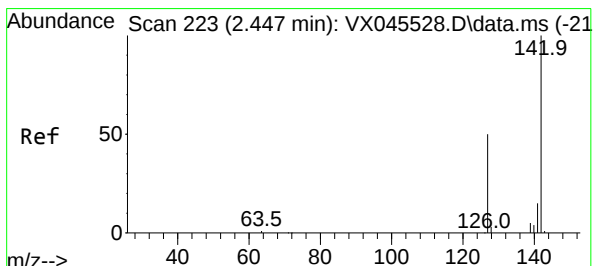
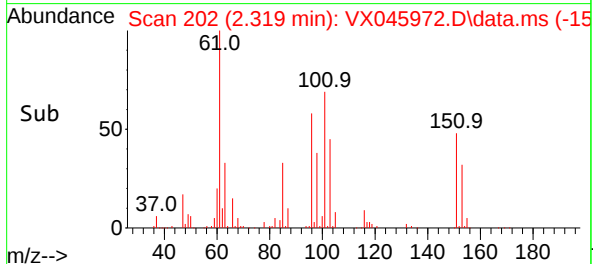
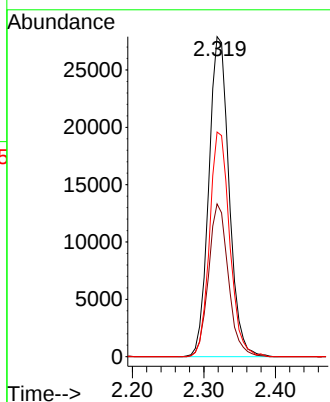
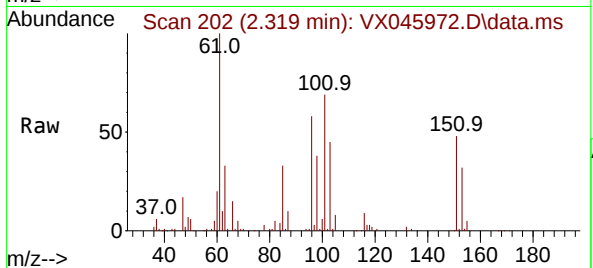
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.106 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 54964
Ion Ratio Lower Upper
101 100
85 46.6 38.9 58.3
151 69.8 57.5 86.3

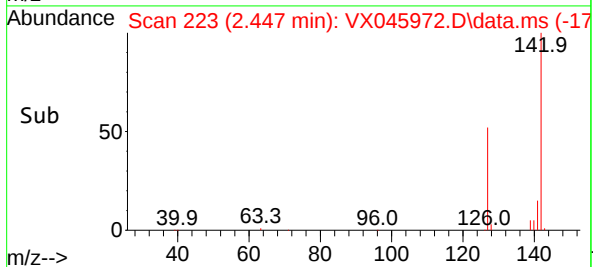
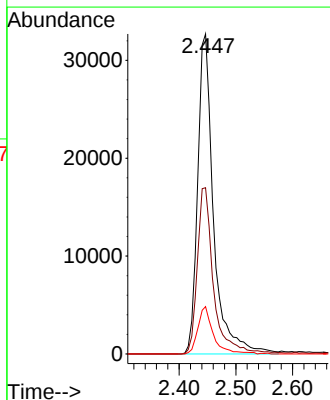
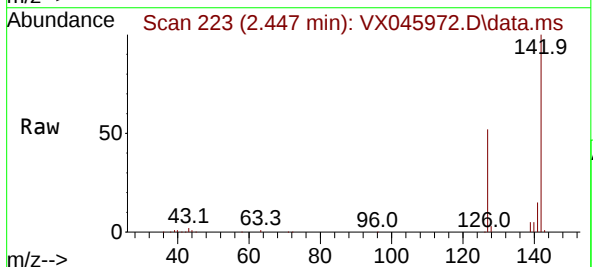
Manual Integrations
APPROVED

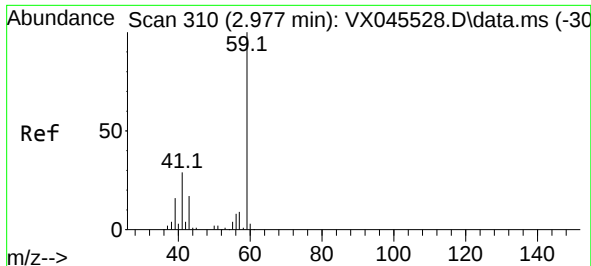
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#10
Methyl Iodide
Concen: 52.175 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion:142 Resp: 63754
Ion Ratio Lower Upper
142 100
127 53.0 40.2 60.4
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 270.952 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 53098

Ion Ratio Lower Upper

59 100

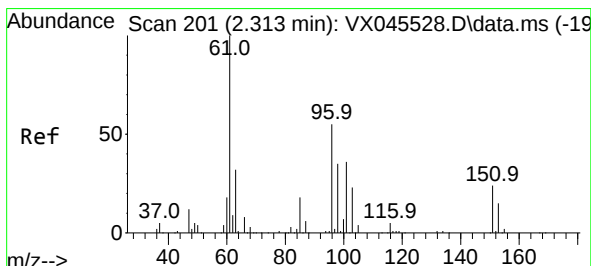
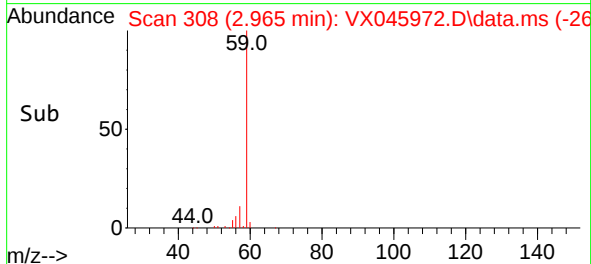
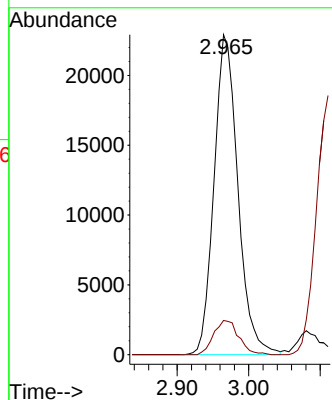
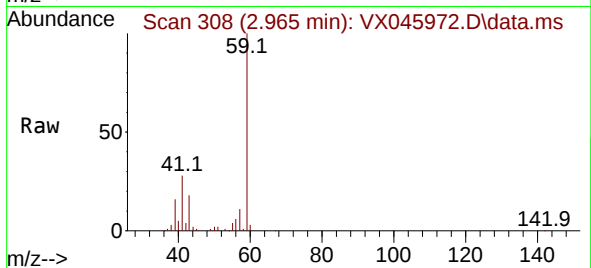
57 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#12

1,1-Dichloroethene

Concen: 51.757 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

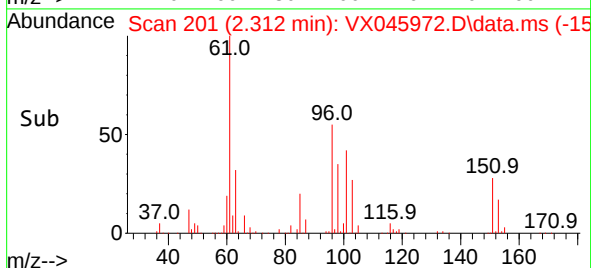
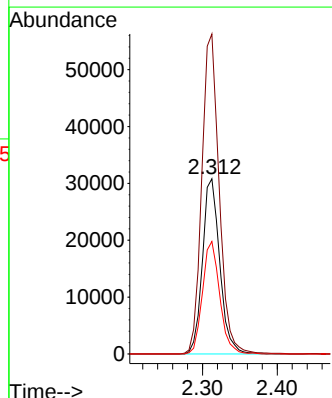
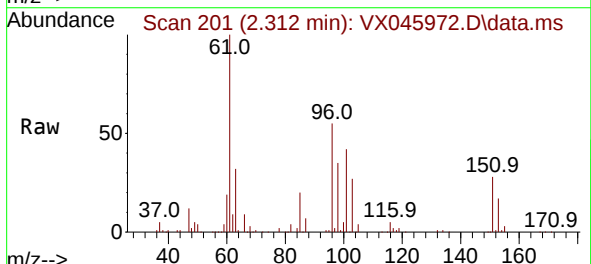
Tgt Ion: 96 Resp: 49544

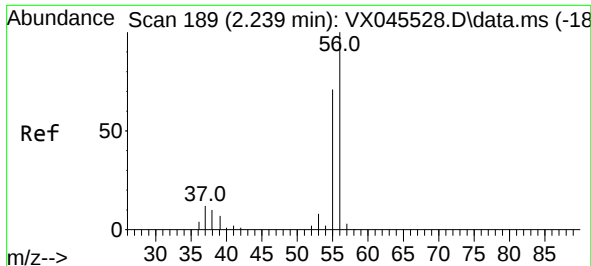
Ion Ratio Lower Upper

96 100

61 182.6 145.7 218.5

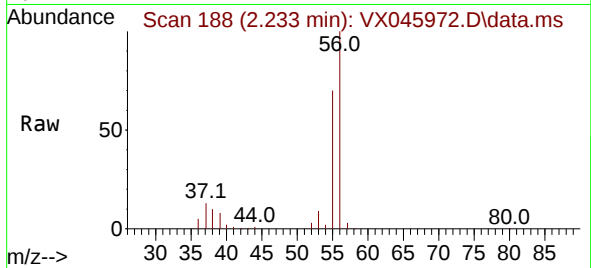
98 64.2 51.6 77.4





#13
Acrolein
Concen: 279.636 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

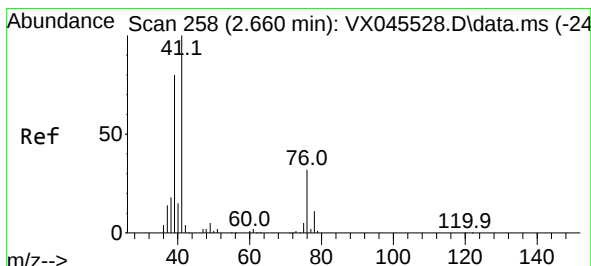
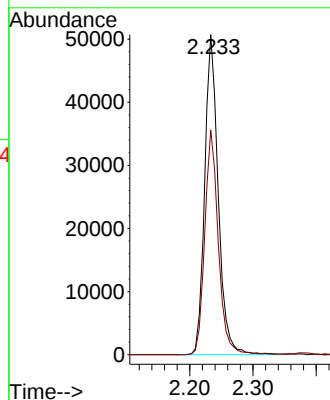
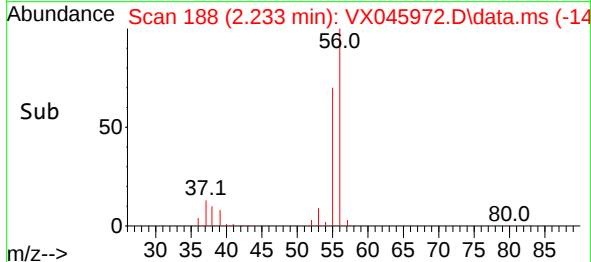
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7546
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.2

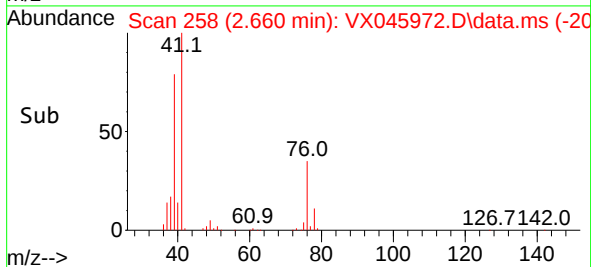
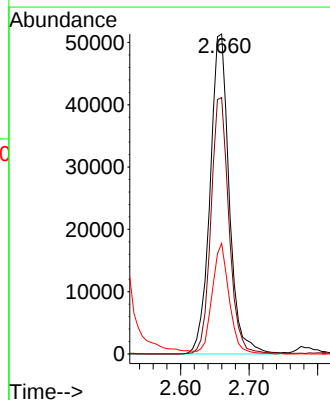
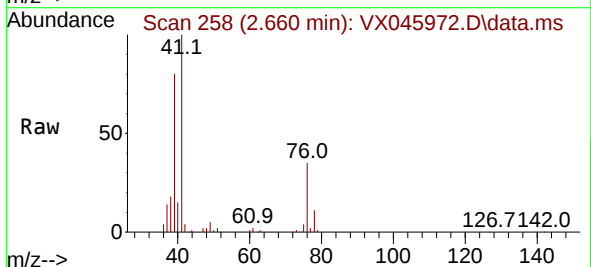
Manual Integrations
APPROVED

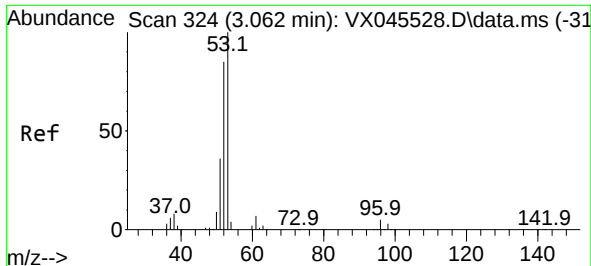
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#14
Allyl chloride
Concen: 54.905 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

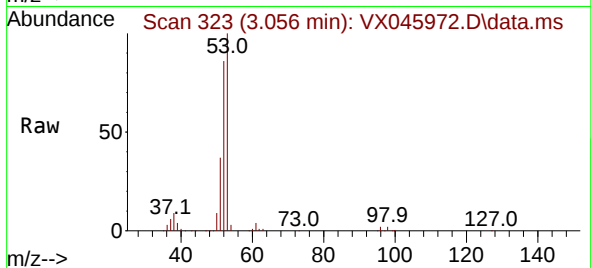
Tgt Ion: 41 Resp: 99721
Ion Ratio Lower Upper
41 100
39 75.5 60.2 90.2
76 30.6 24.6 36.8





#15
Acrylonitrile
Concen: 262.675 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

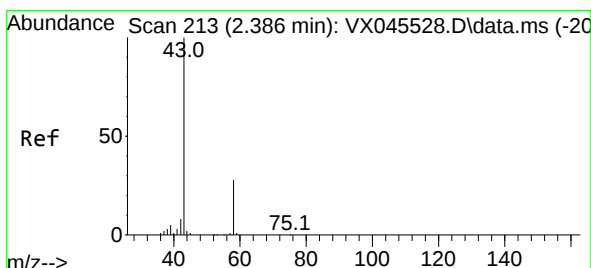
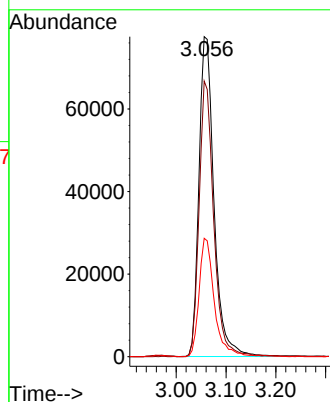
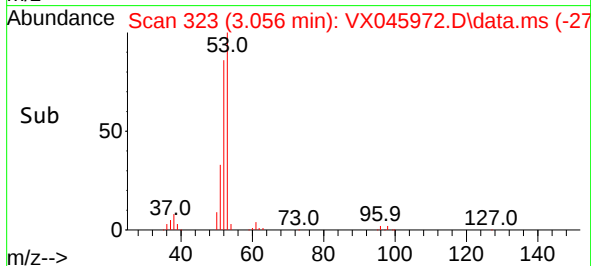
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16249
Ion Ratio Lower Upper
53 100
52 83.4 67.4 101.2
51 37.8 29.9 44.9

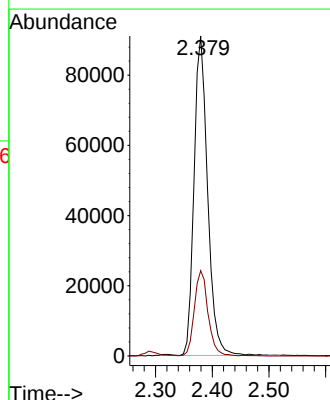
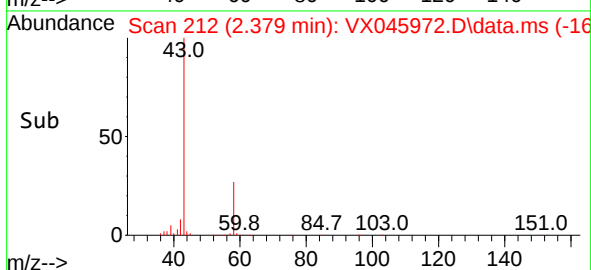
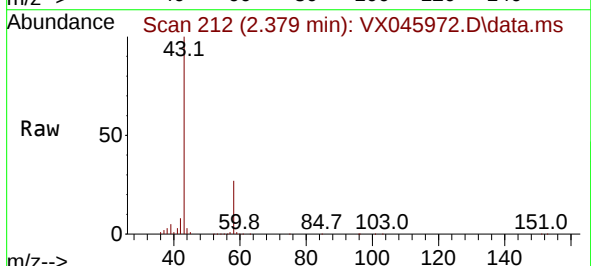
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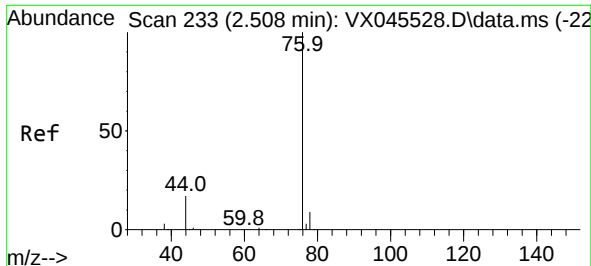
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#16
Acetone
Concen: 253.037 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 43 Resp: 151511
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5





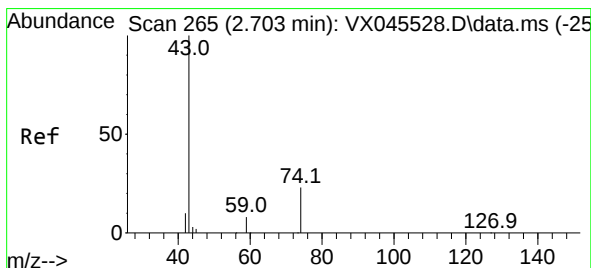
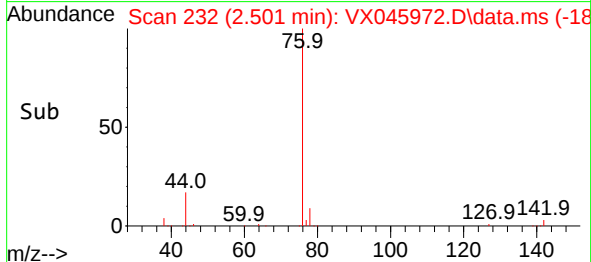
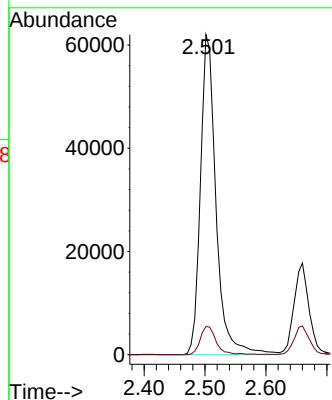
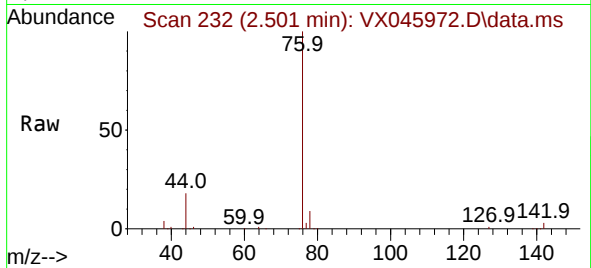
#17
Carbon Disulfide
Concen: 46.702 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11041
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

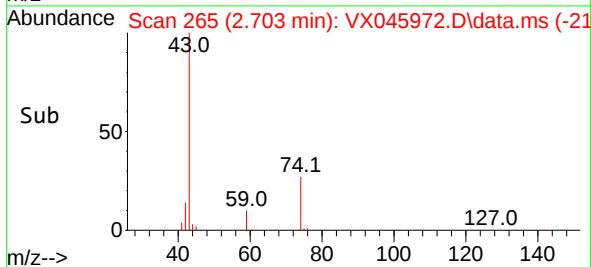
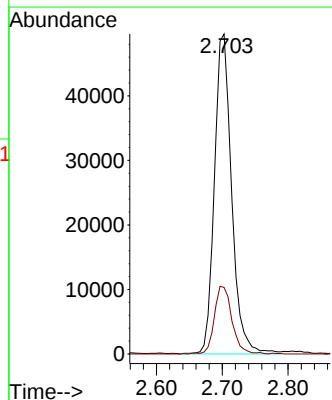
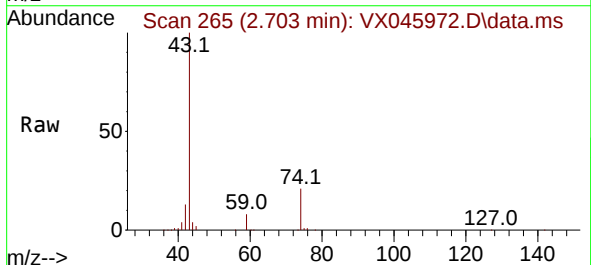
Manual Integrations
APPROVED

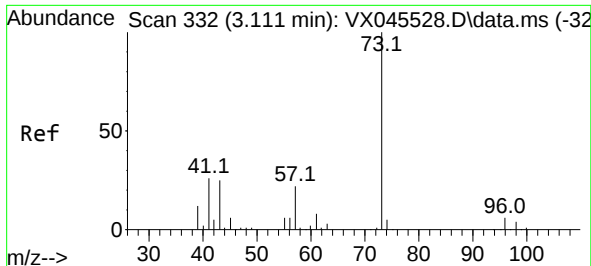
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#18
Methyl Acetate
Concen: 65.698 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 43 Resp: 90571
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3





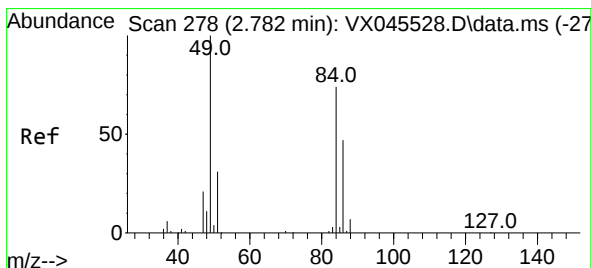
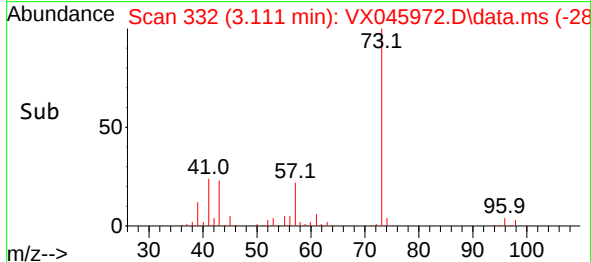
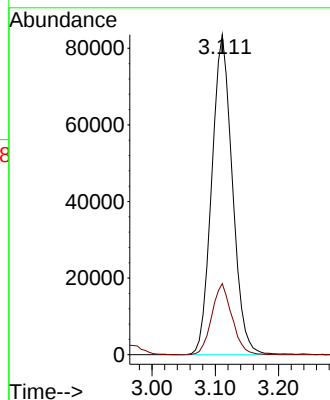
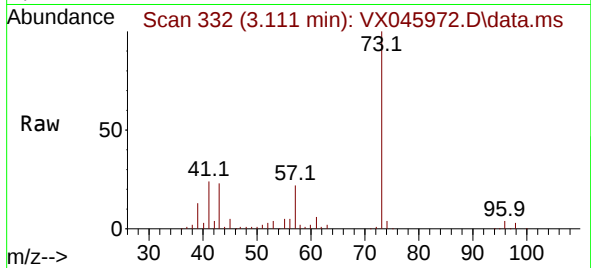
#19
Methyl tert-butyl Ether
Concen: 56.510 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 189229
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

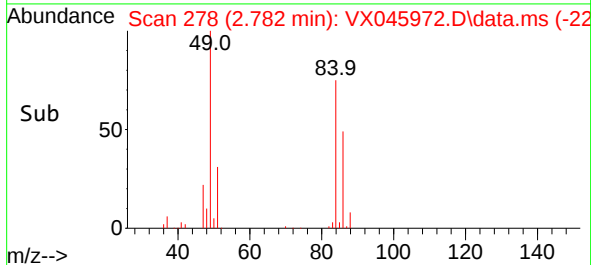
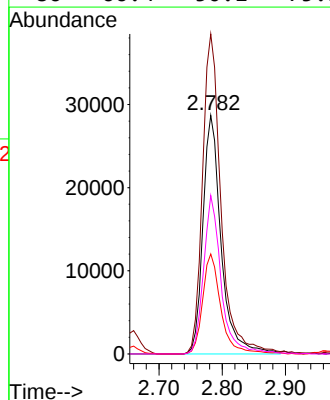
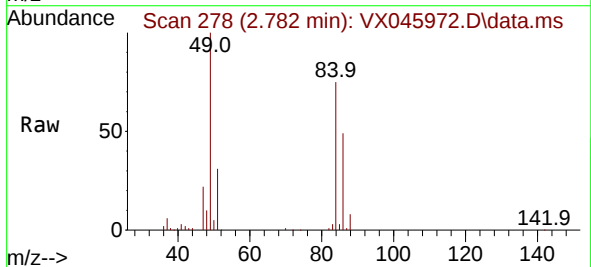
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#20
Methylene Chloride
Concen: 51.349 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

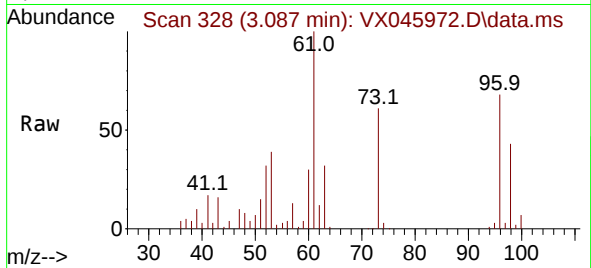
Tgt Ion: 84 Resp: 57561
Ion Ratio Lower Upper
84 100
49 134.1 107.5 161.3
51 41.9 33.0 49.6
86 66.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 52.541 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

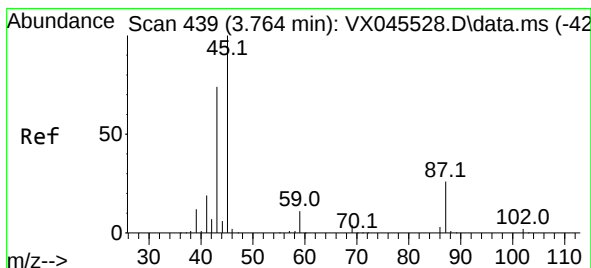
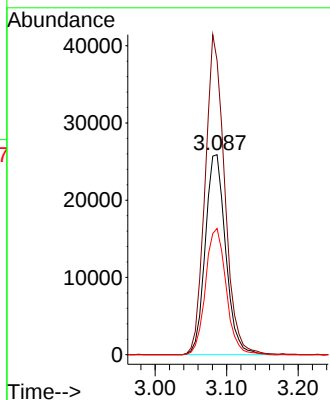
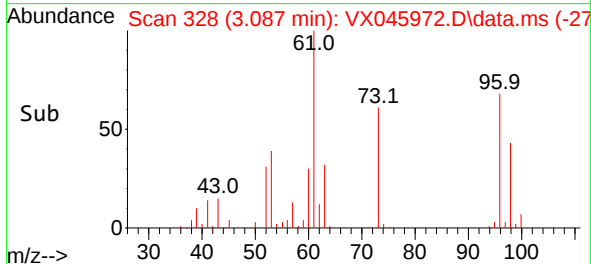
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5138
Ion Ratio Lower Upper
96 100
61 147.0 121.0 181.6
98 63.1 49.7 74.5

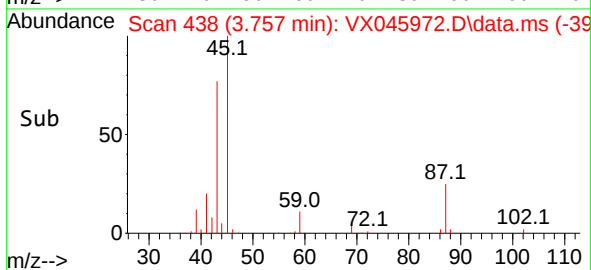
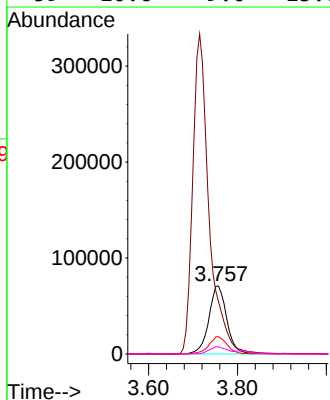
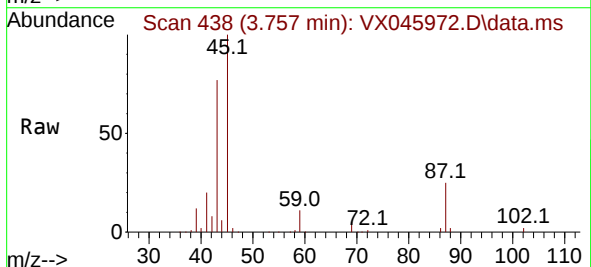
Manual Integrations
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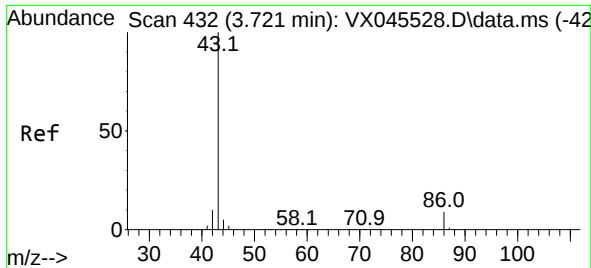
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#22
Diisopropyl ether
Concen: 55.572 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 45 Resp: 198823
Ion Ratio Lower Upper
45 100
43 76.7 59.3 88.9
87 25.4 20.4 30.6
59 10.6 9.0 13.6





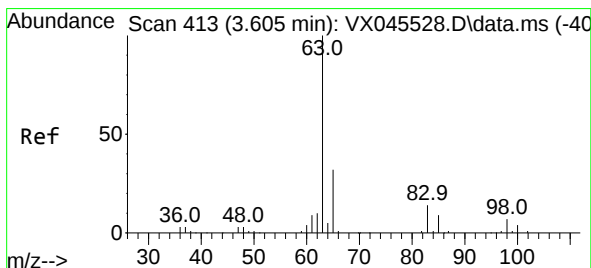
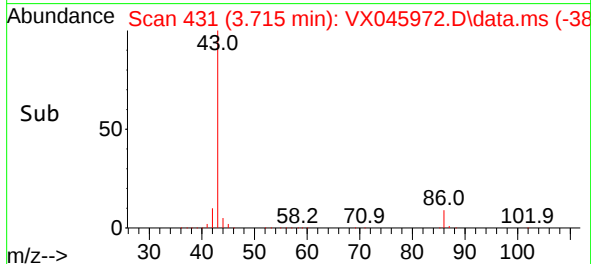
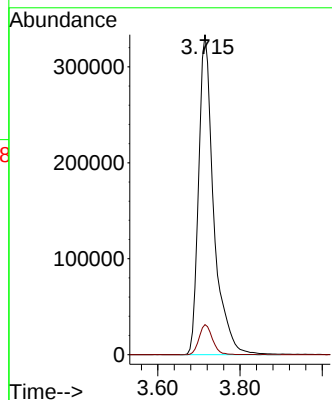
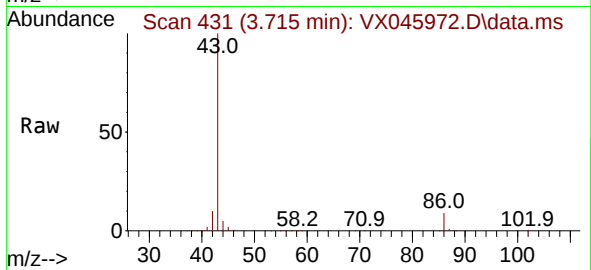
#23
 Vinyl Acetate
 Concen: 275.122 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 85044
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

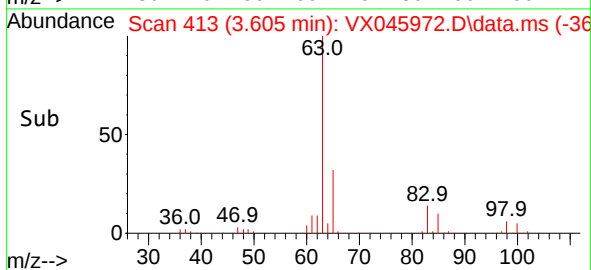
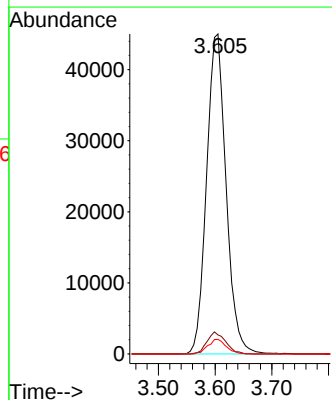
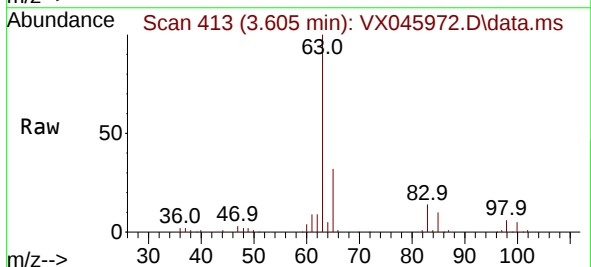
Manual Integrations
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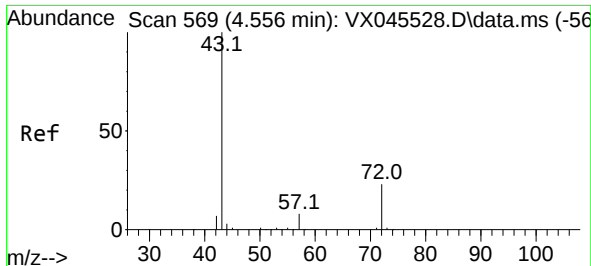
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#24
 1,1-Dichloroethane
 Concen: 53.165 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

Tgt Ion: 63 Resp: 107571
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.1
 100 4.5 2.2 6.6





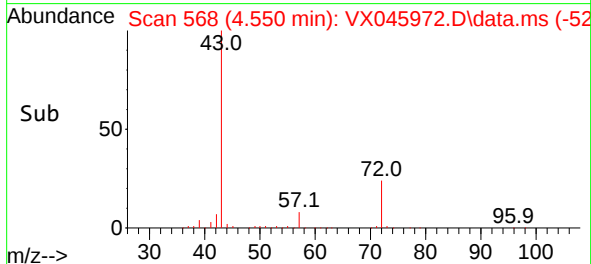
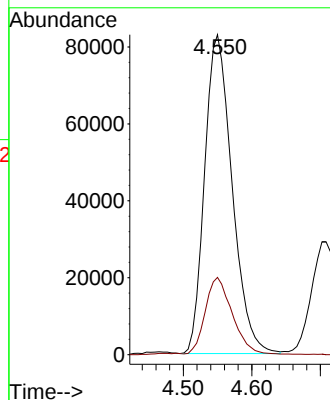
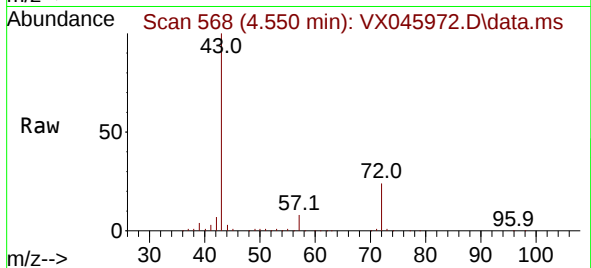
#25
2-Butanone
Concen: 263.293 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 23077
Ion Ratio Lower Upper
43 100
72 24.0 18.6 28.0

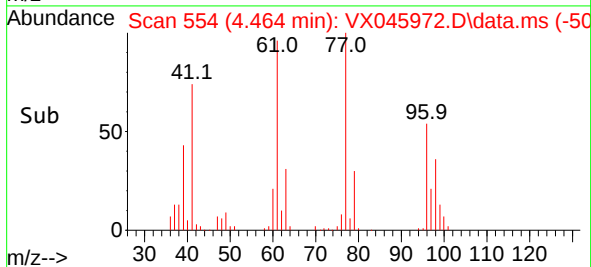
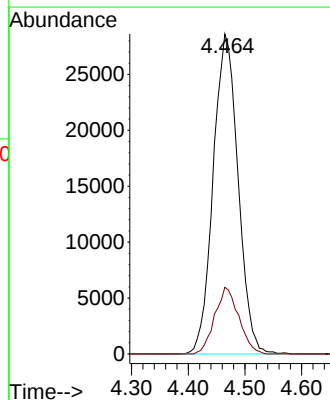
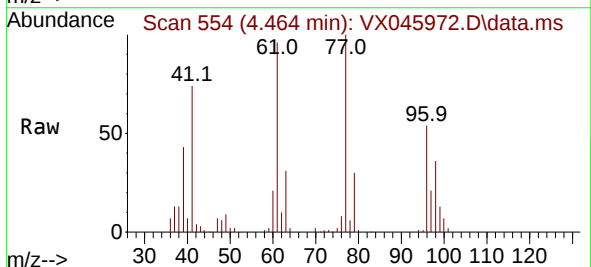
Manual Integrations
APPROVED

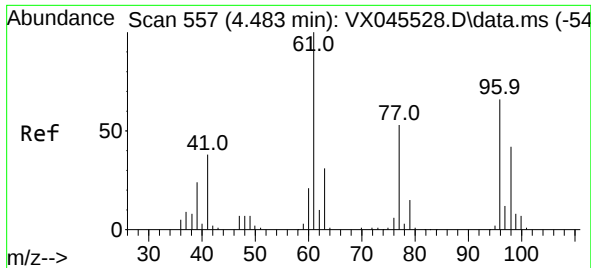
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#26
2,2-Dichloropropane
Concen: 66.657 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 77 Resp: 87140
Ion Ratio Lower Upper
77 100
97 20.1 10.6 31.8





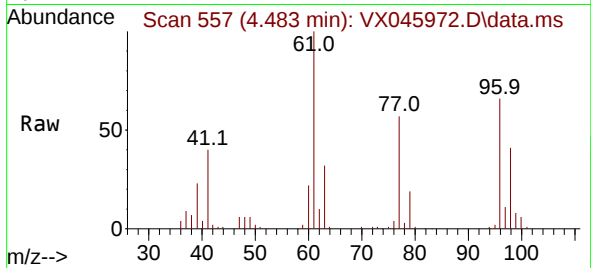
#27
cis-1,2-Dichloroethene
Concen: 52.359 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



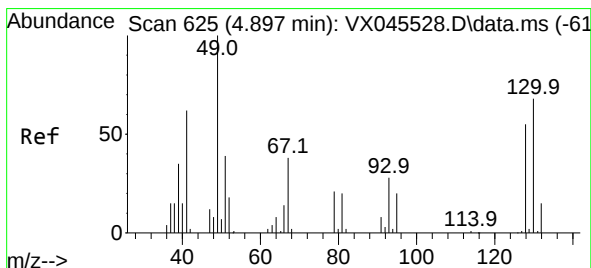
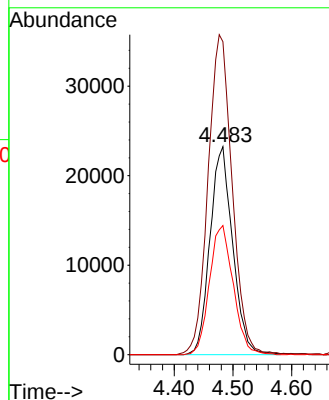
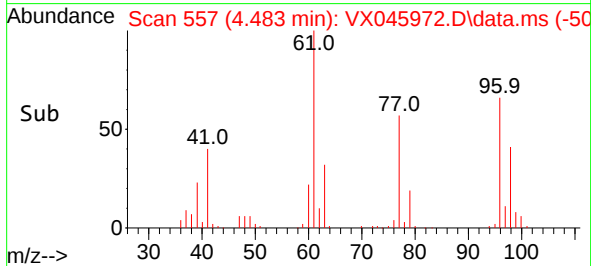
Tgt Ion: 96 Resp: 62384
Ion Ratio Lower Upper
96 100
61 163.4 0.0 313.2
98 64.9 0.0 126.4

Manual Integrations

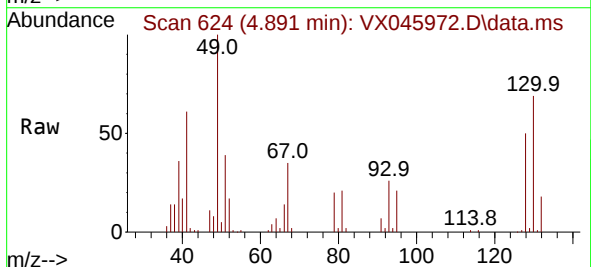
APPROVED

Reviewed By :John Carlone 04/30/2025

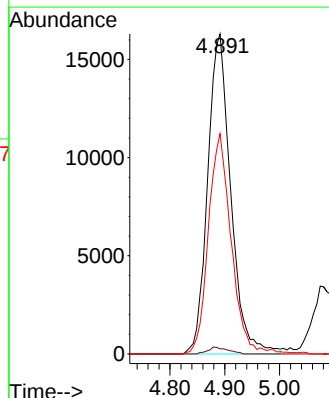
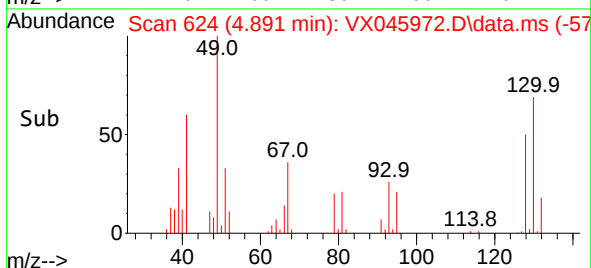
Supervised By :Semsettin Yesilyurt 04/30/2025

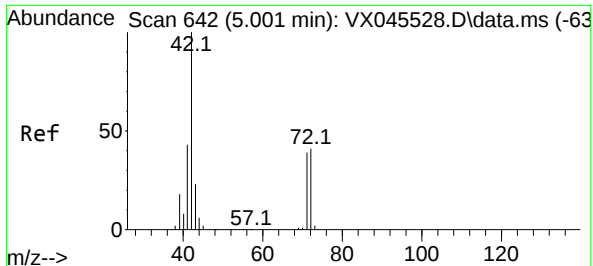


#28
Bromochloromethane
Concen: 48.681 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



Tgt Ion: 49 Resp: 47599
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 68.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 261.485 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14858

Ion Ratio Lower Upper

42 100

72 41.9 33.4 50.0

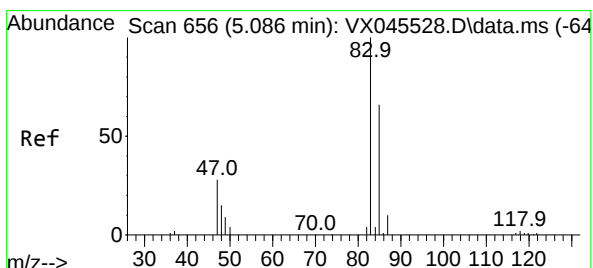
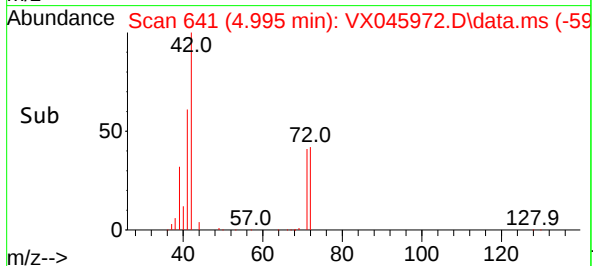
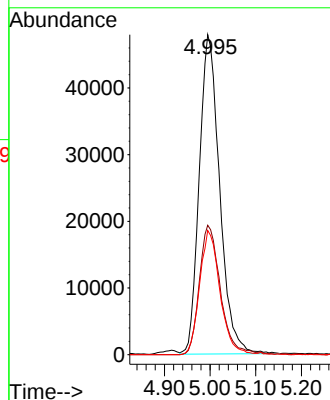
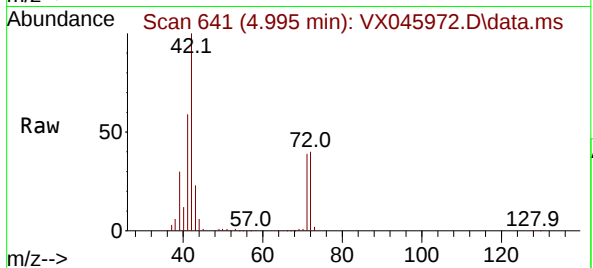
71 38.8 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#30

Chloroform

Concen: 54.804 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045972.D

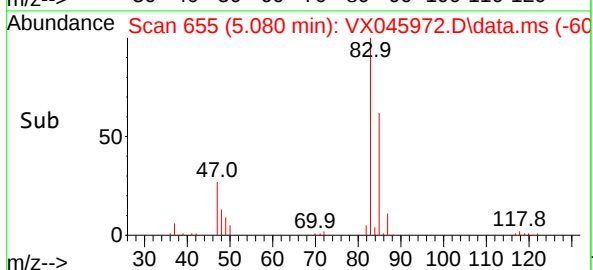
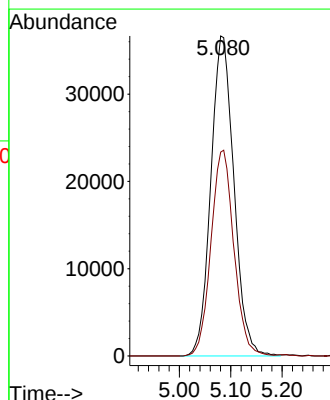
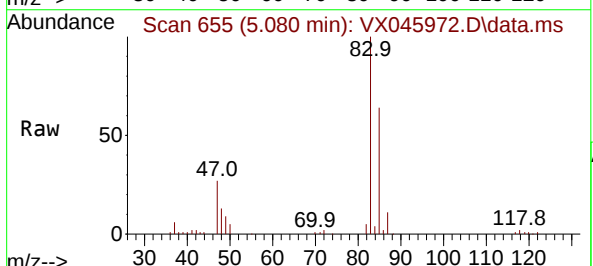
Acq: 29 Apr 2025 11:06

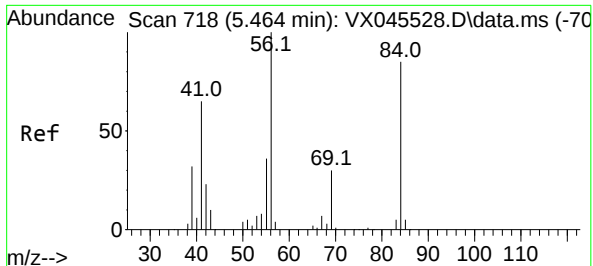
Tgt Ion: 83 Resp: 114100

Ion Ratio Lower Upper

83 100

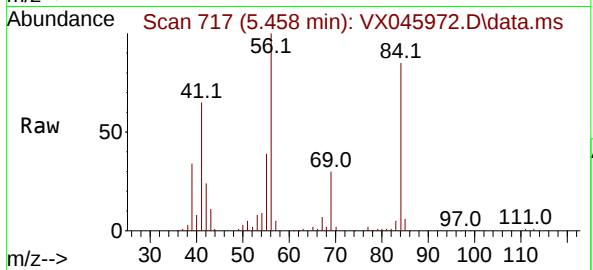
85 63.7 52.8 79.2





#31
Cyclohexane
Concen: 51.702 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

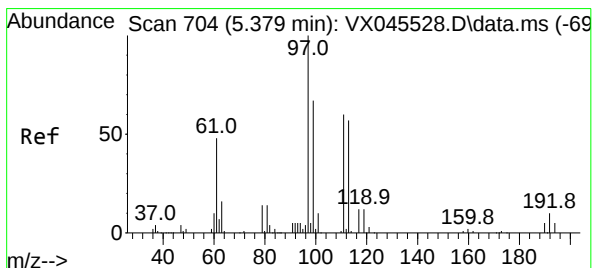
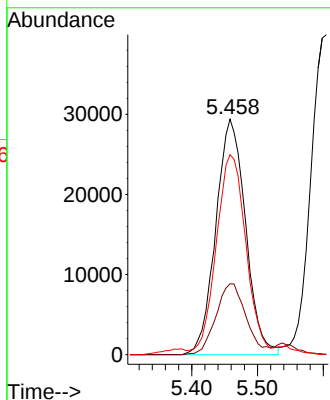
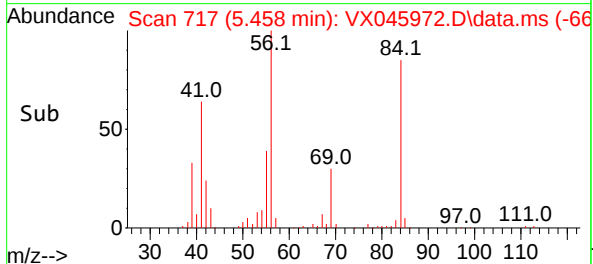
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9248
Ion Ratio Lower Upper
56 100
69 30.1 23.6 35.4
84 82.6 67.7 101.5

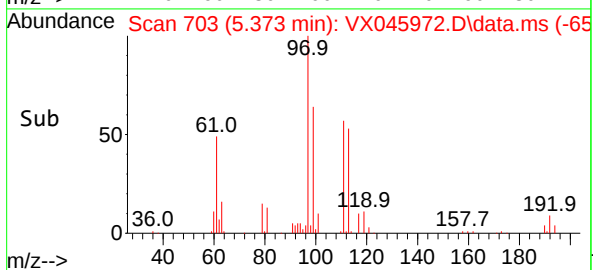
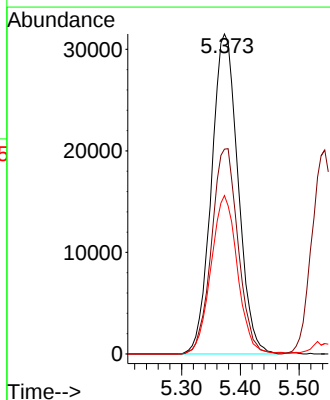
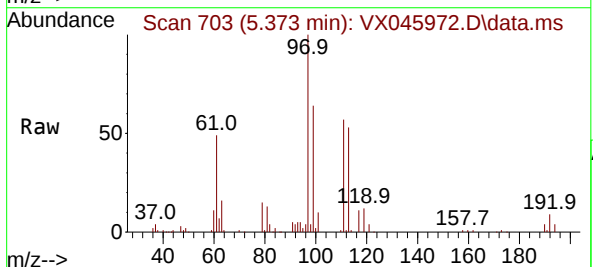
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#32
1,1,1-Trichloroethane
Concen: 56.248 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 97 Resp: 99091
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 49.1 41.0 61.4





#33
 1,2-Dichloroethane-d4
 Concen: 50.197 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

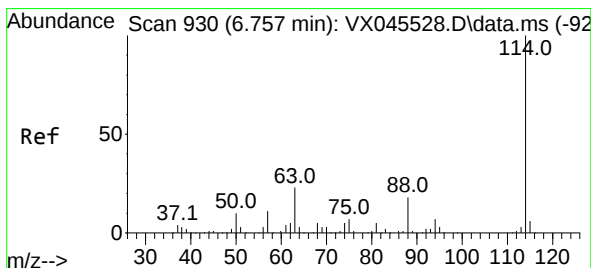
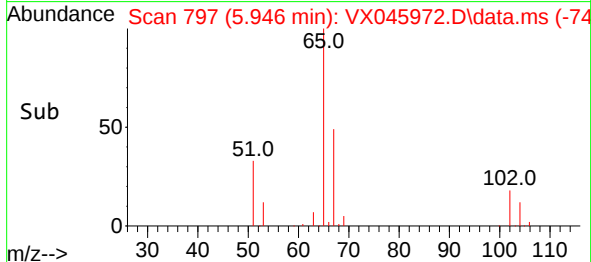
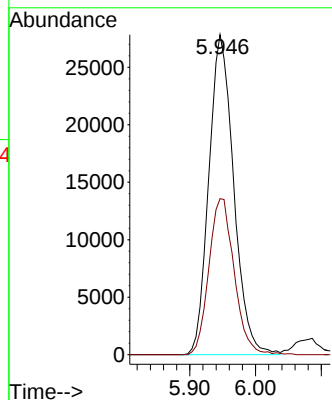
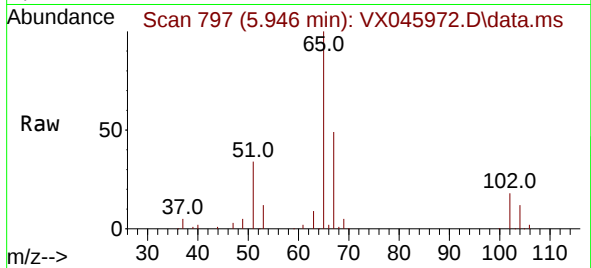
VSTDCCC050

Tgt Ion: 65 Resp: 7319
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0

Manual Integrations

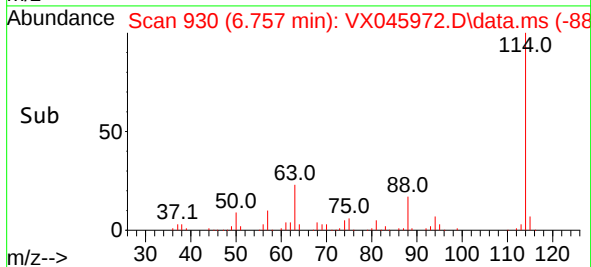
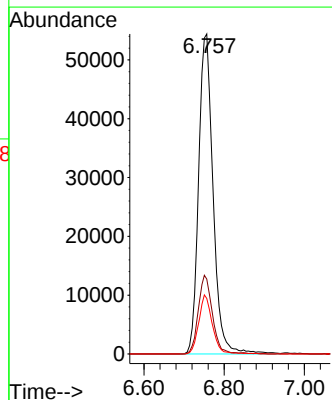
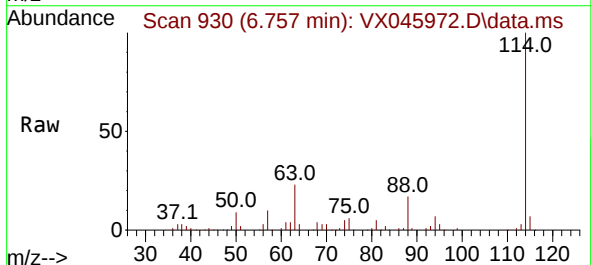
APPROVED

Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

Tgt Ion:114 Resp: 136469
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.8
 88 17.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.793 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

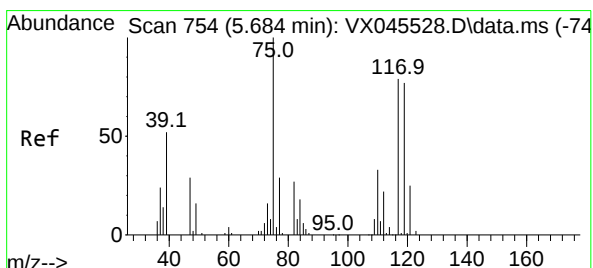
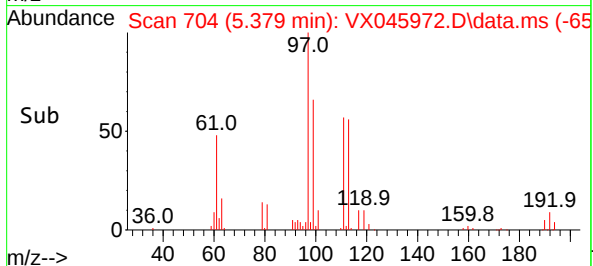
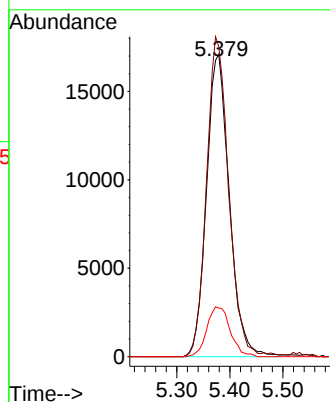
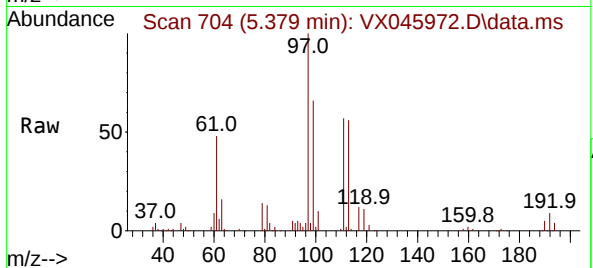
Tgt Ion:	113	Resp:	5111
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	16.8	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#36

1,1-Dichloropropene

Concen: 55.429 ug/l

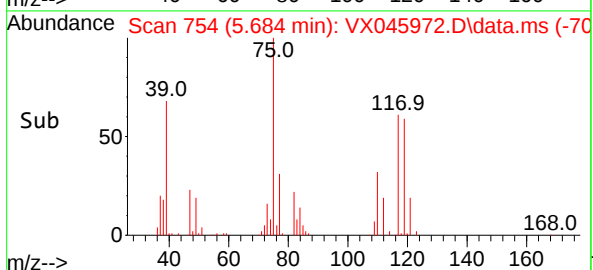
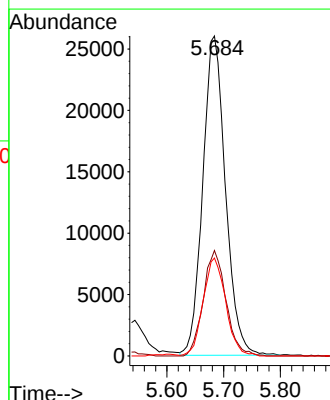
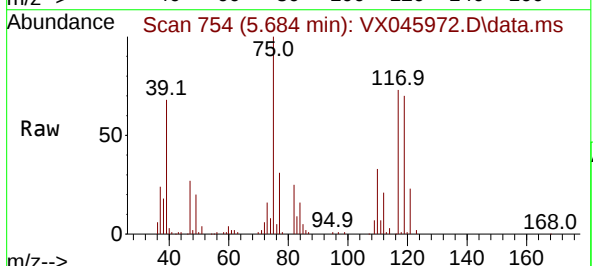
RT: 5.684 min Scan# 754

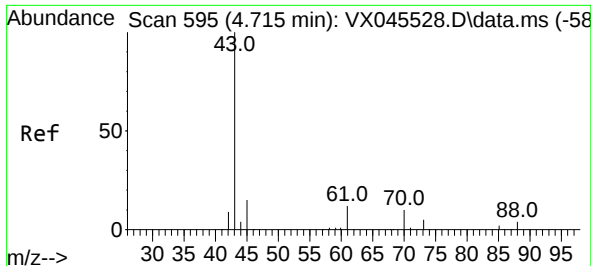
Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Tgt Ion:	75	Resp:	72464
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.6
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 53.569 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 8825

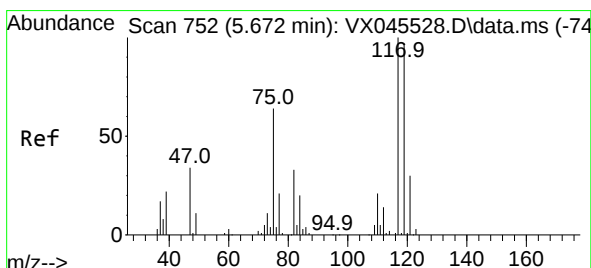
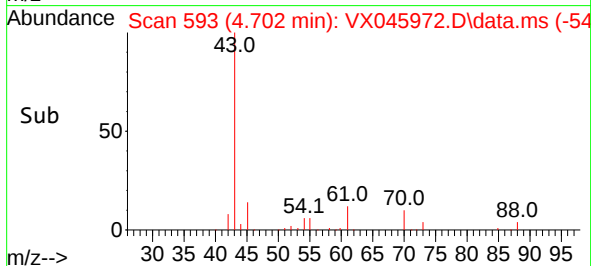
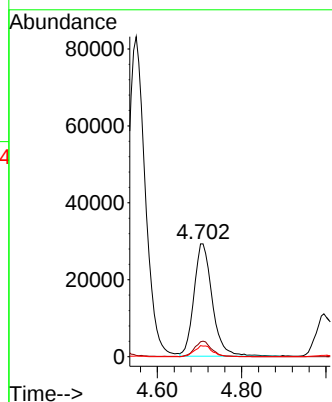
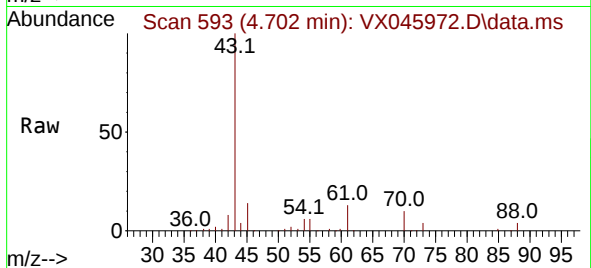
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	9.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#38

Carbon Tetrachloride

Concen: 58.722 ug/l

RT: 5.665 min Scan# 751

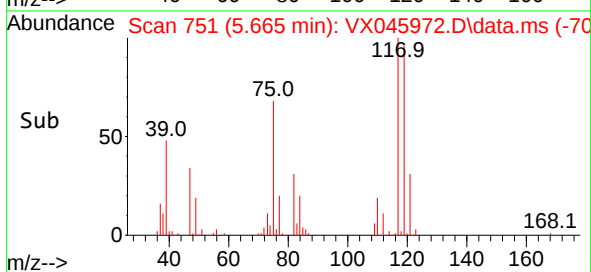
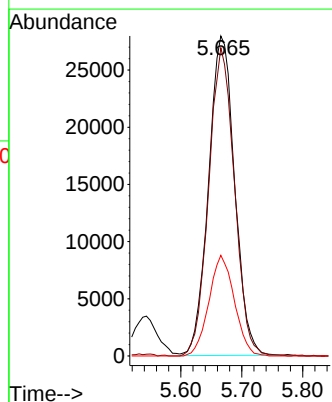
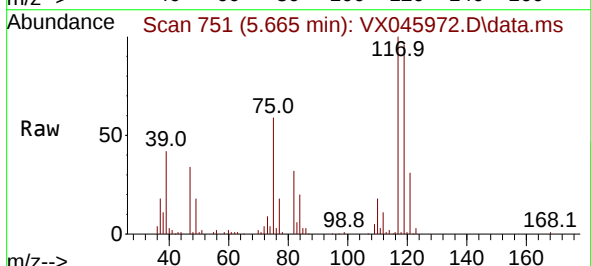
Delta R.T. -0.006 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Tgt Ion:117 Resp: 82968

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3
121	31.5	24.2	36.2





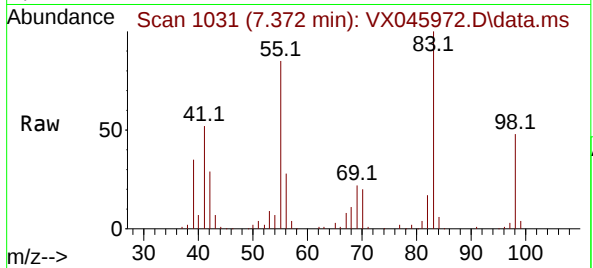
#39
Methylcyclohexane
Concen: 57.889 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



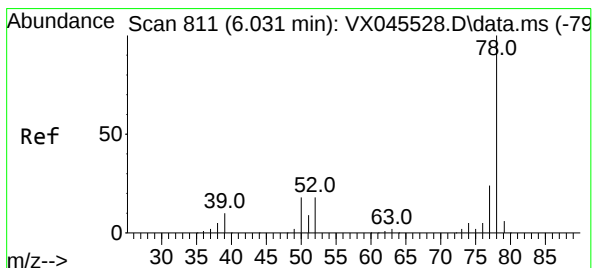
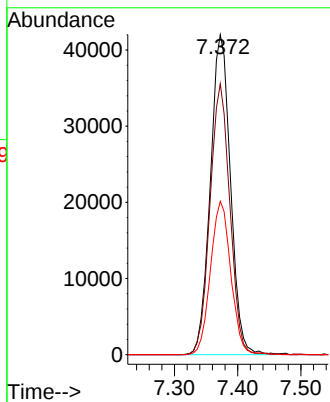
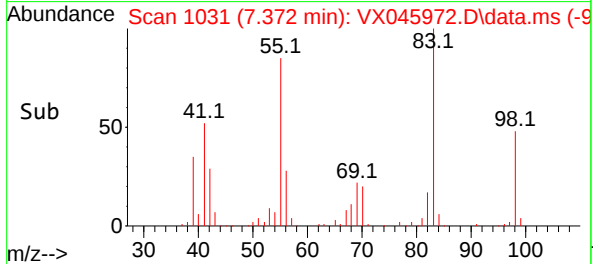
Tgt Ion: 83 Resp: 92768
Ion Ratio Lower Upper
83 100
55 84.7 64.9 97.3
98 48.0 37.4 56.0

Manual Integrations

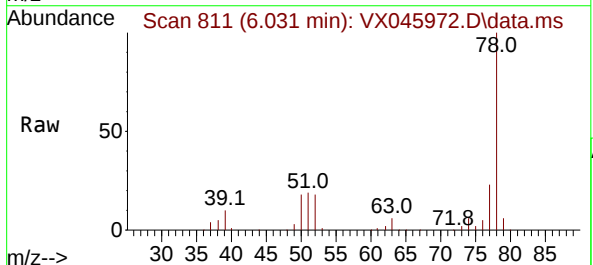
APPROVED

Reviewed By :John Carlone 04/30/2025

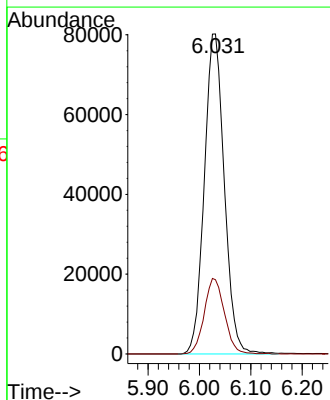
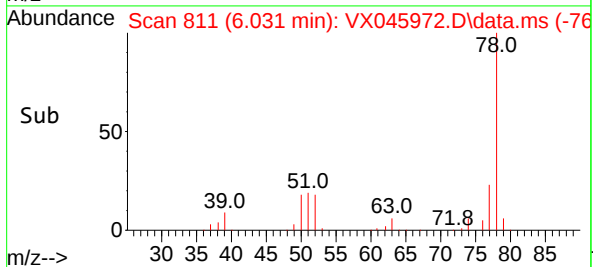
Supervised By :Semsettin Yesilyurt 04/30/2025



#40
Benzene
Concen: 54.200 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



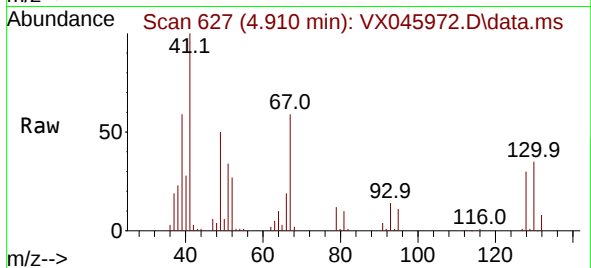
Tgt Ion: 78 Resp: 216404
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 58.717 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

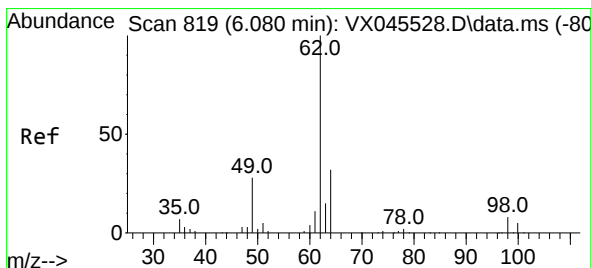
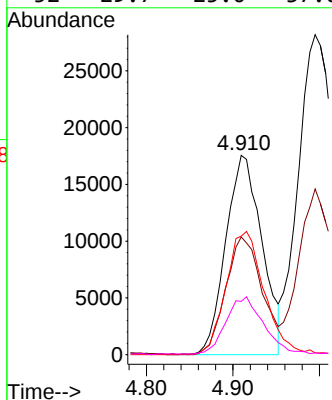
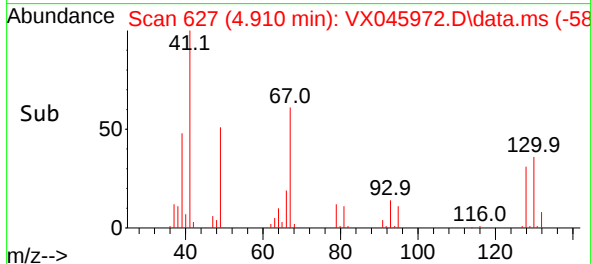
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5104
Ion Ratio Lower Upper
41 100
39 59.5 47.0 70.6
67 65.7 53.2 79.8
52 29.7 25.0 37.6

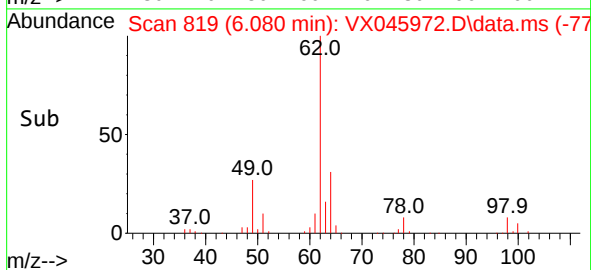
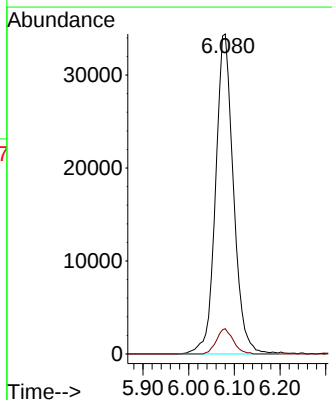
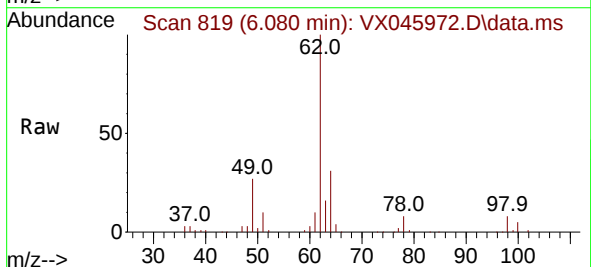
Manual Integrations
APPROVED

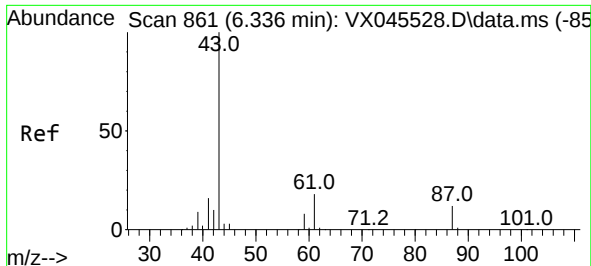
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#42
1,2-Dichloroethane
Concen: 56.772 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

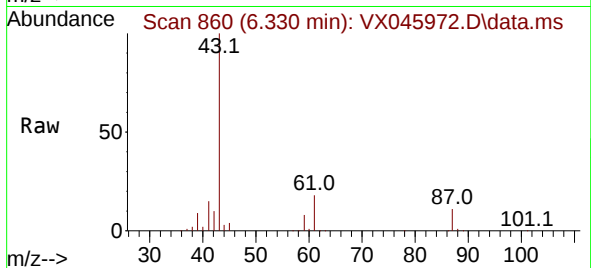
Tgt Ion: 62 Resp: 93623
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 57.960 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

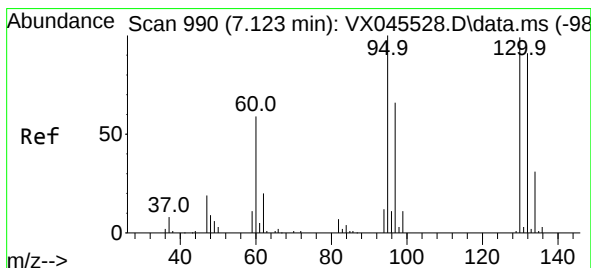
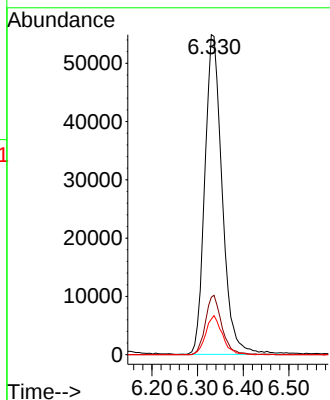
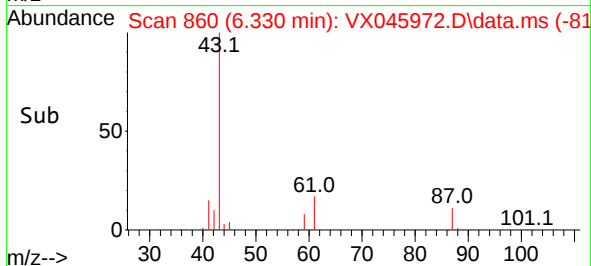
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 144720
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 11.6 9.2 13.8

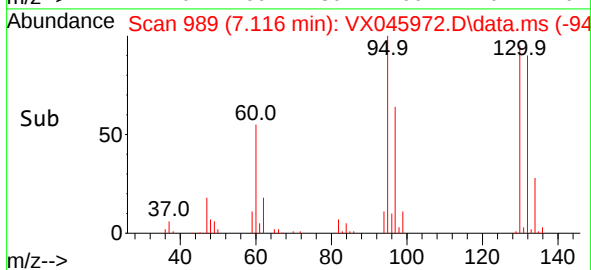
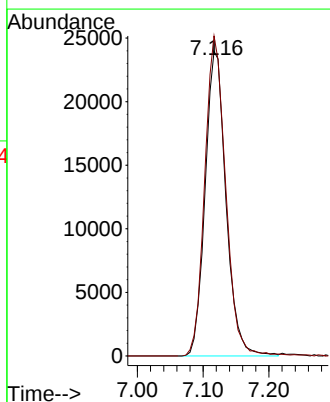
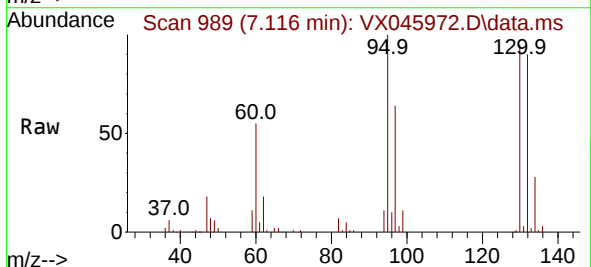
Manual Integrations
APPROVED

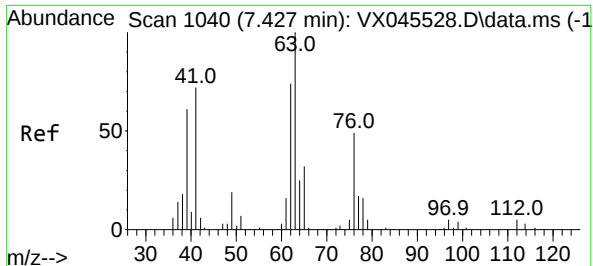
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#44
Trichloroethene
Concen: 55.782 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion:130 Resp: 52937
Ion Ratio Lower Upper
130 100
95 105.1 0.0 202.0





#45

1,2-Dichloropropane

Concen: 56.416 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5620

Ion Ratio Lower Upper

63 100

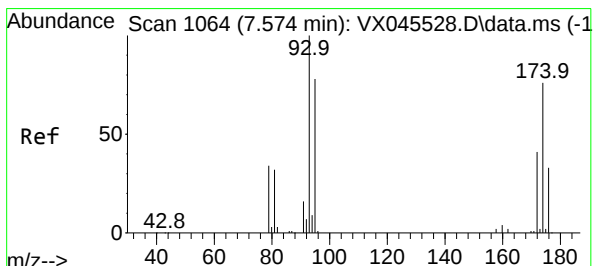
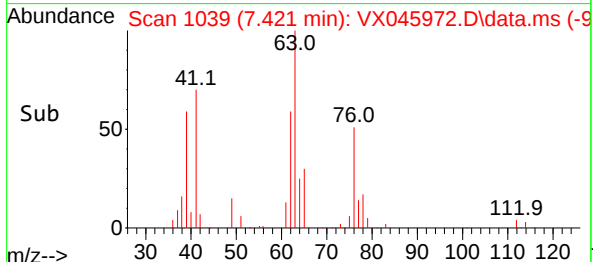
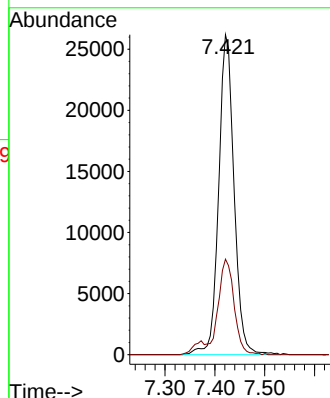
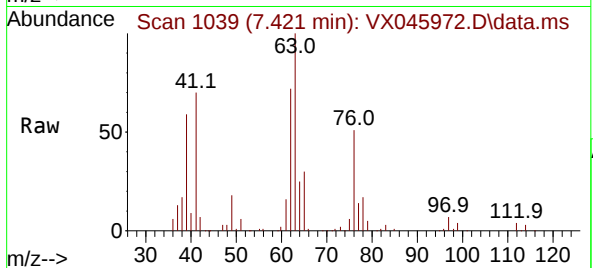
65 29.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#46

Dibromomethane

Concen: 55.382 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

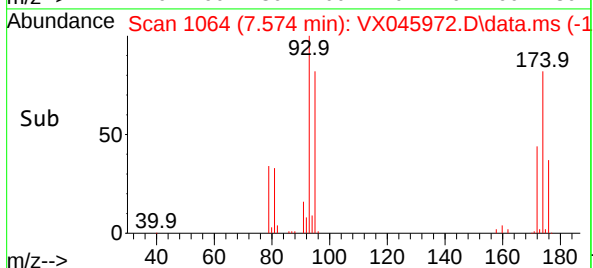
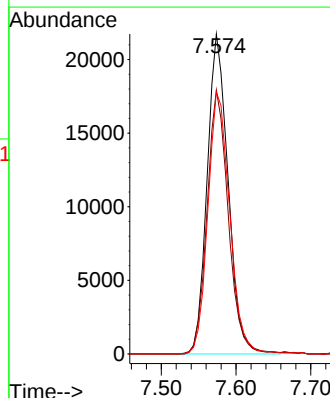
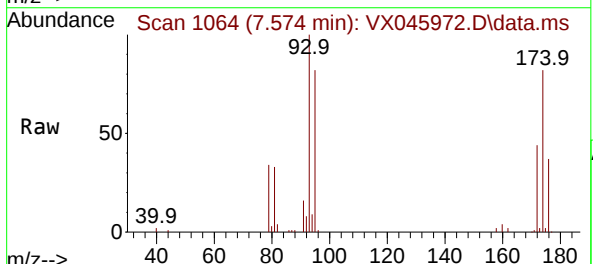
Tgt Ion: 93 Resp: 42353

Ion Ratio Lower Upper

93 100

95 83.6 64.8 97.2

174 85.5 65.4 98.0





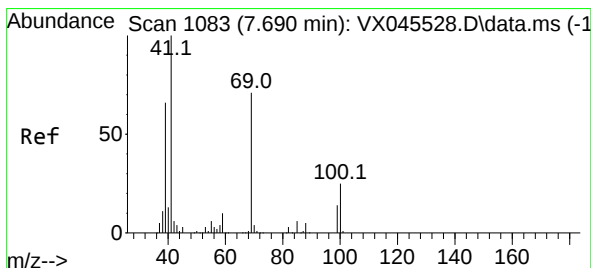
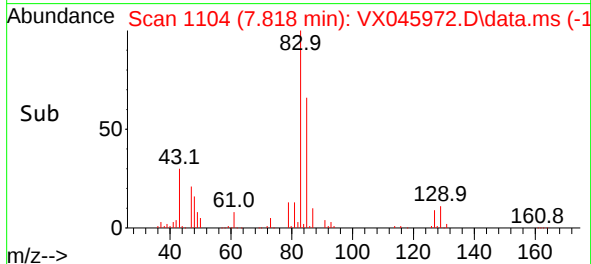
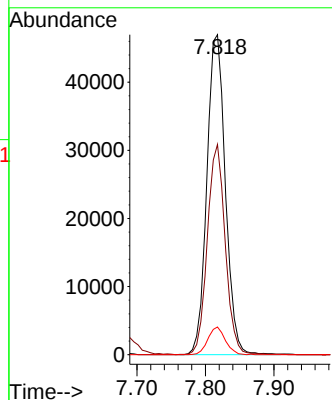
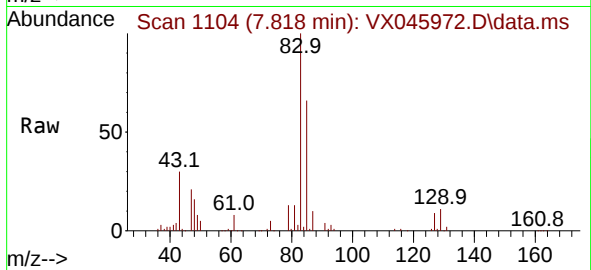
#47
Bromodichloromethane
Concen: 57.832 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8832
Ion Ratio Lower Upper
83 100
85 65.6 49.7 74.5
127 8.6 6.1 9.1

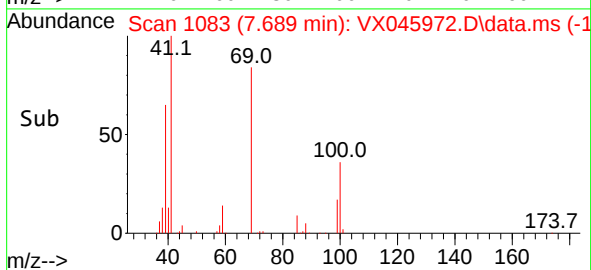
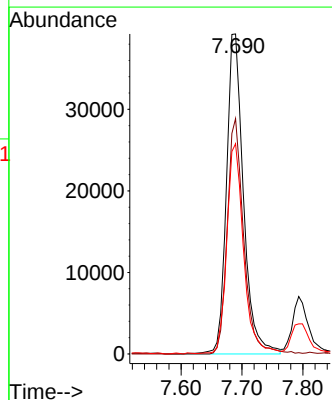
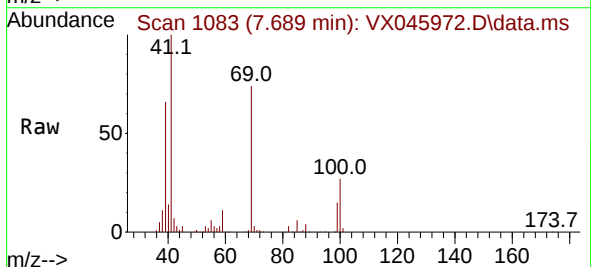
Manual Integrations
APPROVED

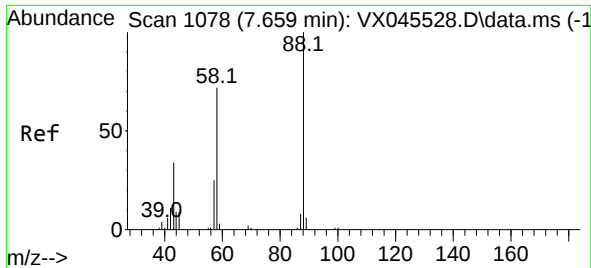
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#48
Methyl methacrylate
Concen: 59.033 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 41 Resp: 76108
Ion Ratio Lower Upper
41 100
69 71.2 58.2 87.2
39 64.2 53.6 80.4





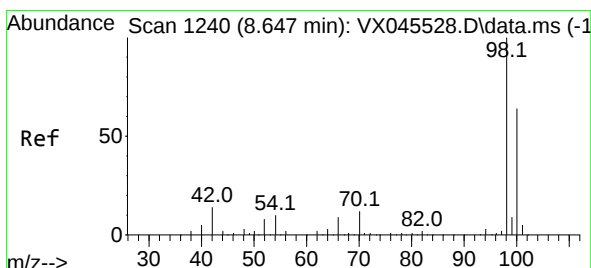
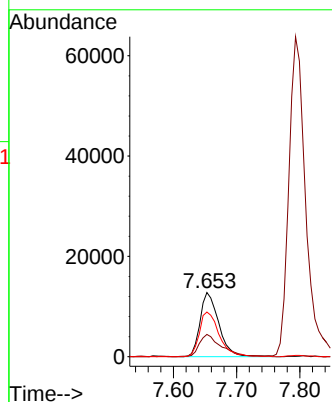
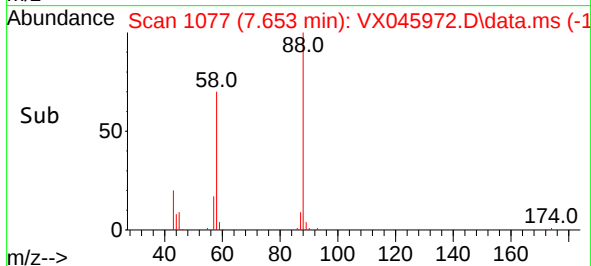
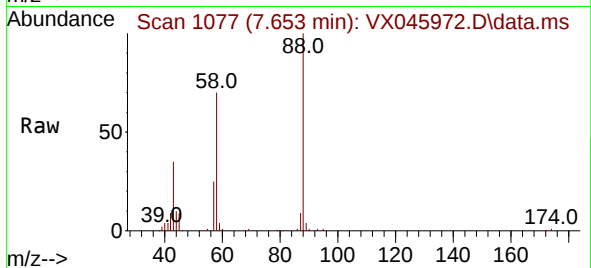
#49
1,4-Dioxane
Concen: 1125.825 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2626
Ion Ratio Lower Upper
88 100
43 41.2 32.2 48.4
58 73.8 58.6 88.0

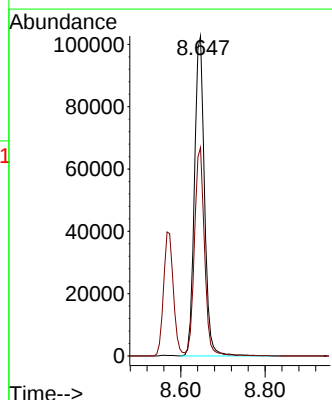
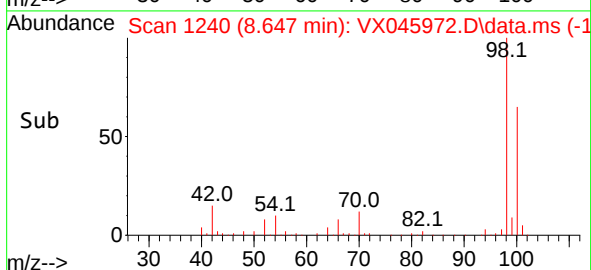
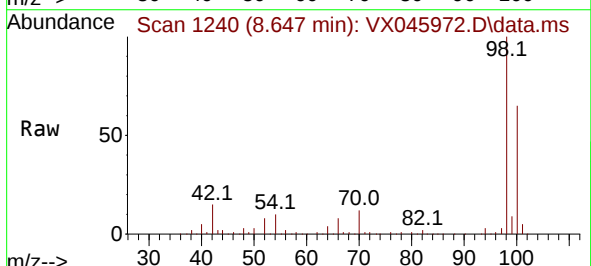
Manual Integrations
APPROVED

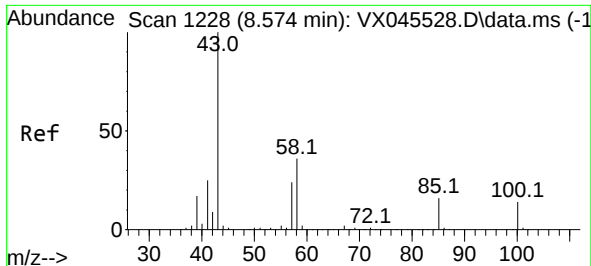
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#50
Toluene-d8
Concen: 50.167 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 98 Resp: 169543
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 288.016 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 476758

Ion Ratio Lower Upper

43 100

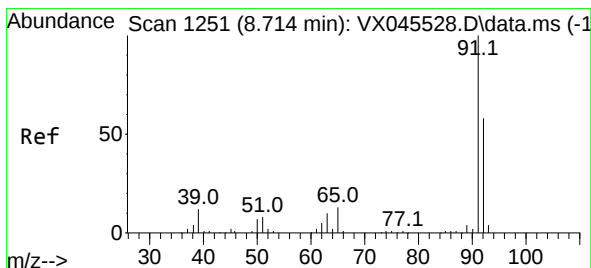
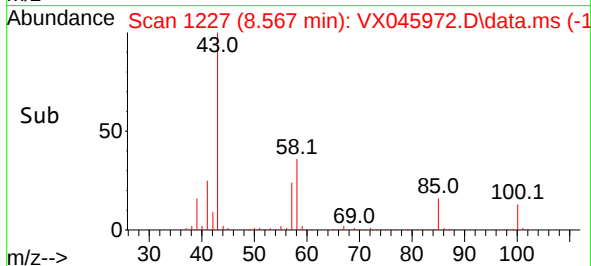
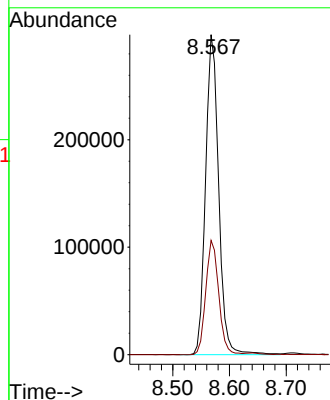
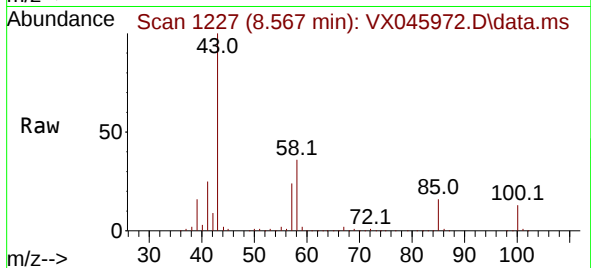
58 35.4 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#52

Toluene

Concen: 55.869 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX045972.D

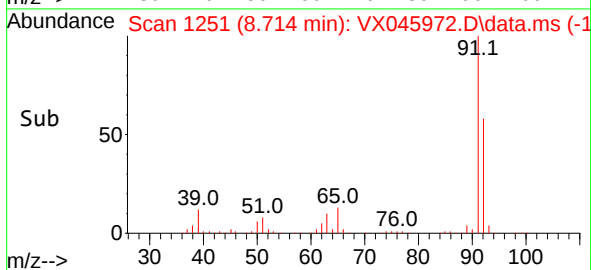
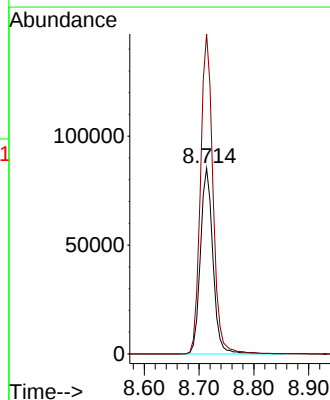
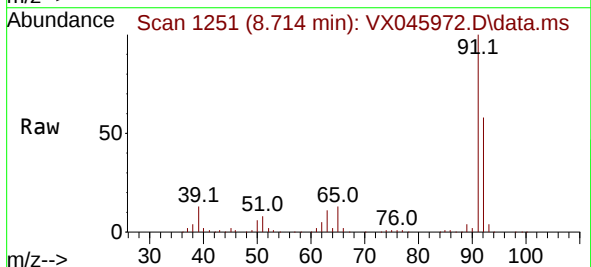
Acq: 29 Apr 2025 11:06

Tgt Ion: 92 Resp: 134979

Ion Ratio Lower Upper

92 100

91 172.7 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 54.861 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 80914

Ion Ratio Lower Upper

75 100

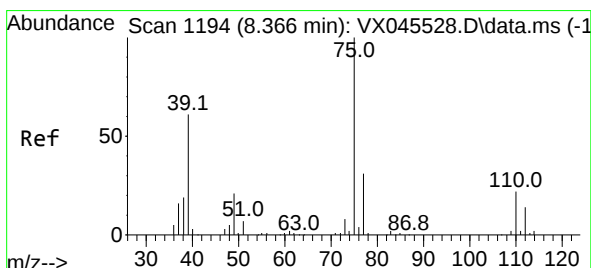
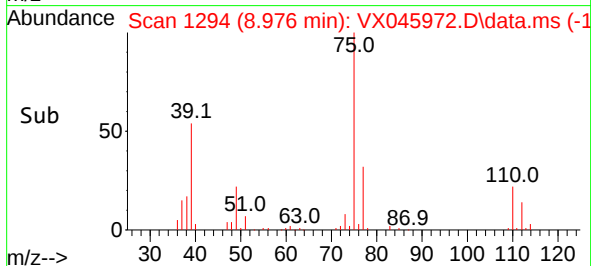
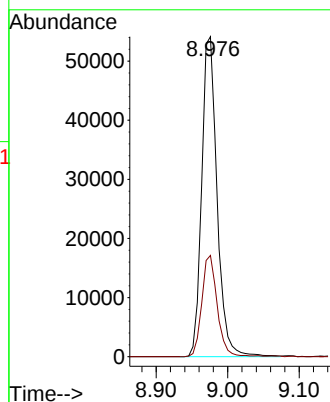
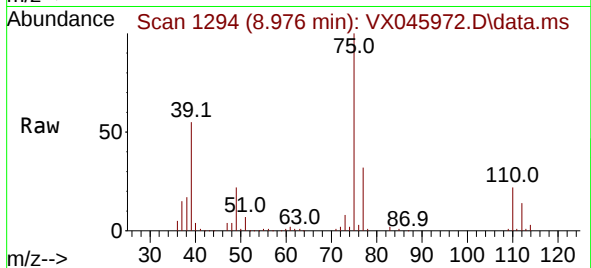
77 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#54

cis-1,3-Dichloropropene

Concen: 61.738 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

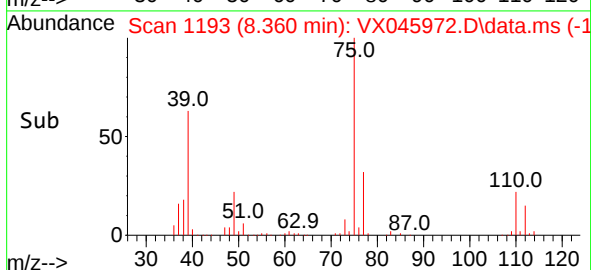
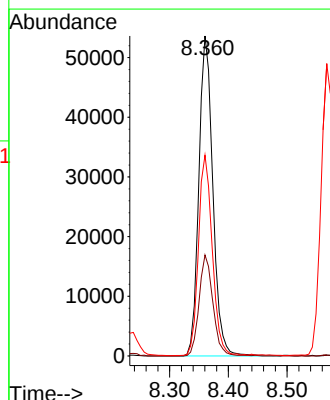
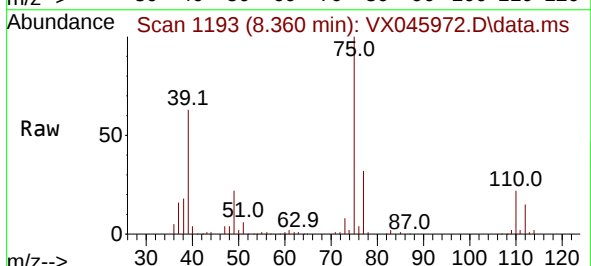
Tgt Ion: 75 Resp: 88605

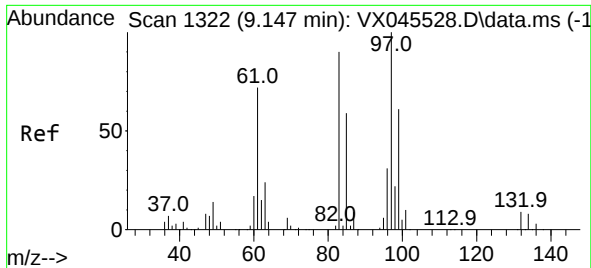
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

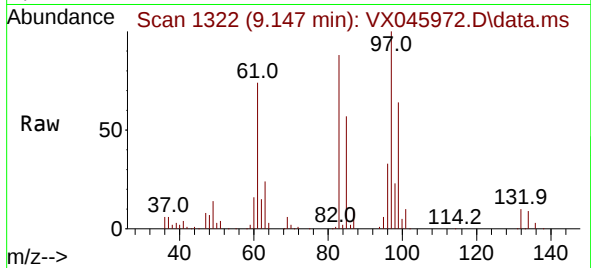
39 62.6 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 56.435 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

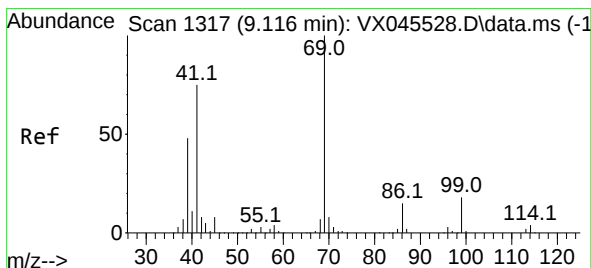
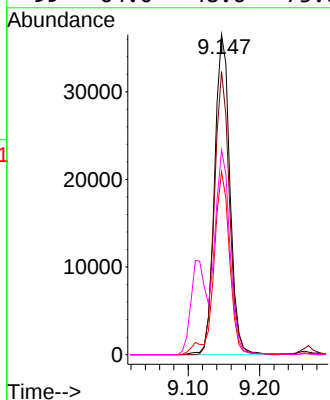
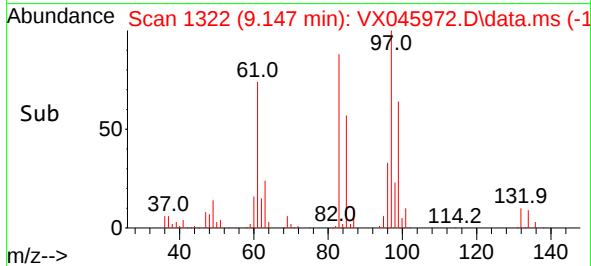
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.8	107.8
85	57.1	47.0	70.6
99	64.0	48.6	73.0

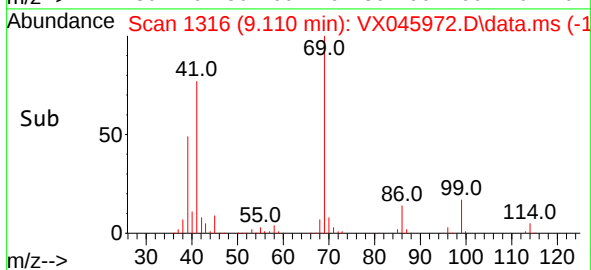
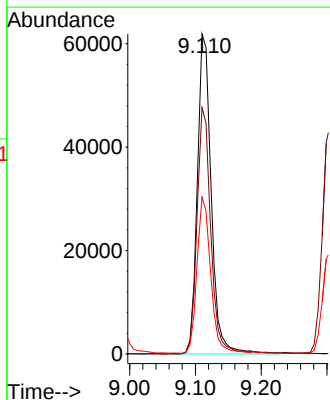
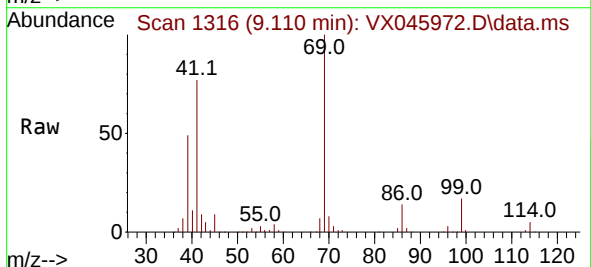
Manual Integrations
APPROVED

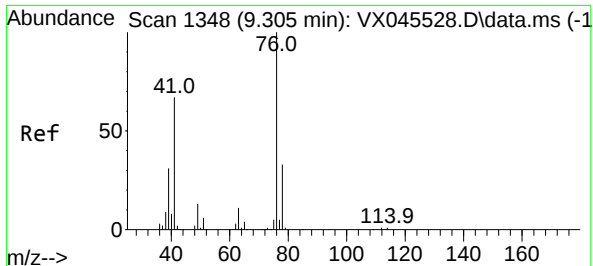
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#56
Ethyl methacrylate
Concen: 61.194 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	61.3	91.9
39	48.0	40.2	60.2





#57

1,3-Dichloropropane

Concen: 56.986 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 95530

Ion Ratio Lower Upper

76 100

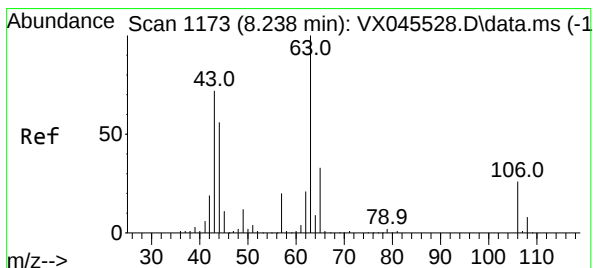
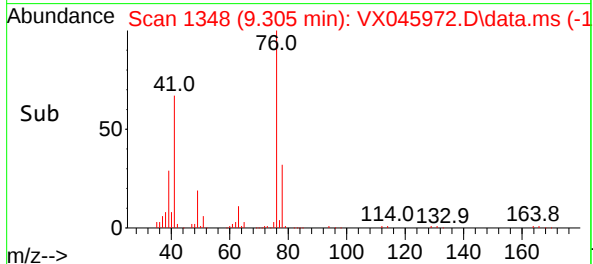
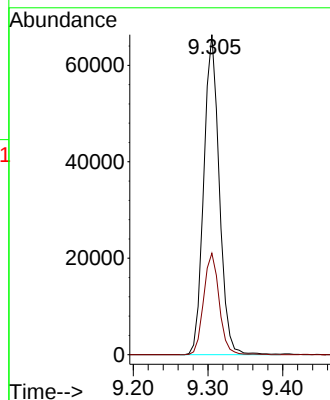
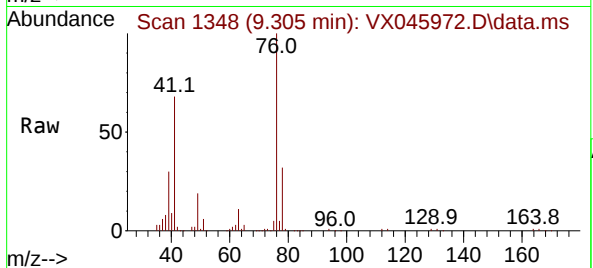
78 31.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 281.546 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045972.D

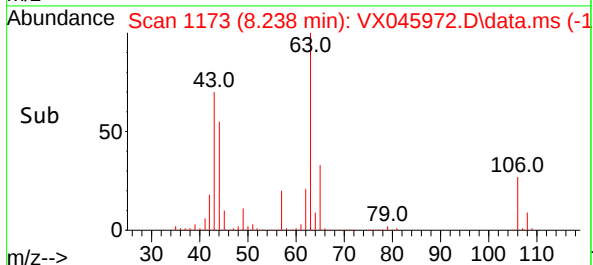
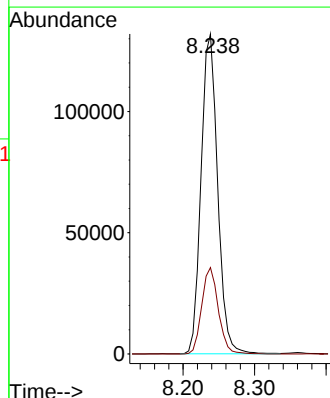
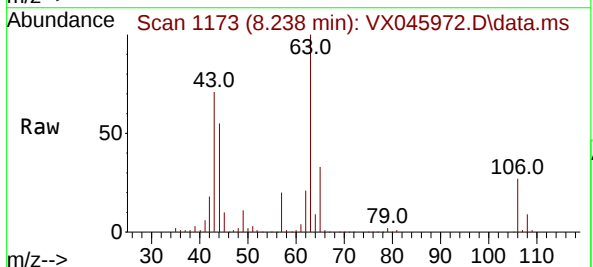
Acq: 29 Apr 2025 11:06

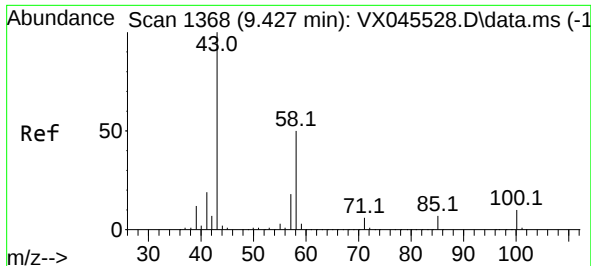
Tgt Ion: 63 Resp: 212209

Ion Ratio Lower Upper

63 100

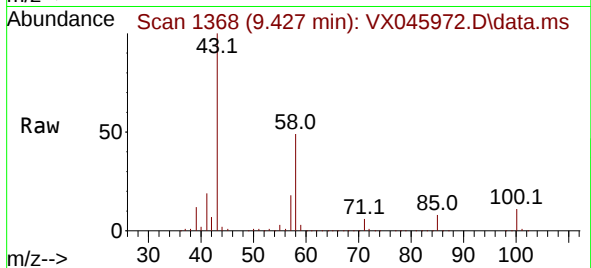
106 27.0 21.0 31.6





#59
2-Hexanone
Concen: 290.138 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

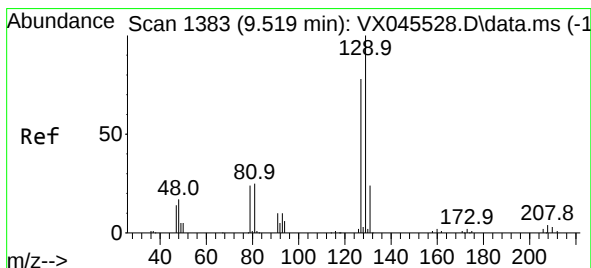
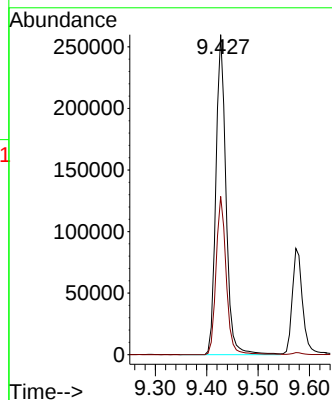
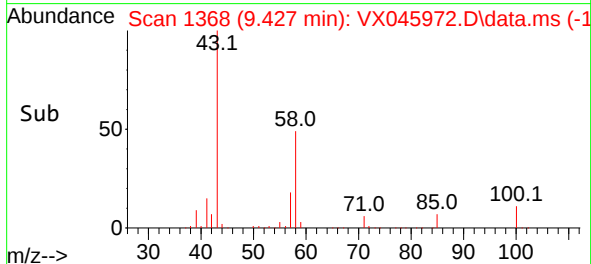
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 355652
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

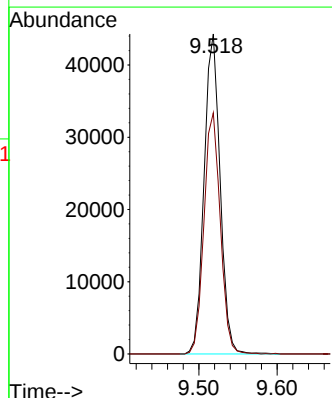
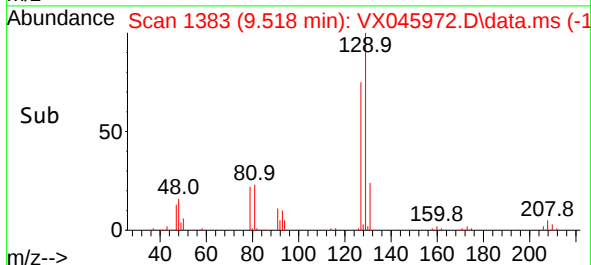
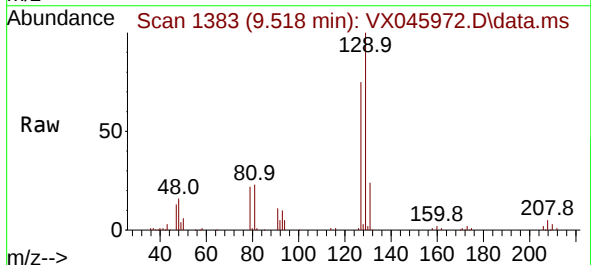
Manual Integrations
APPROVED

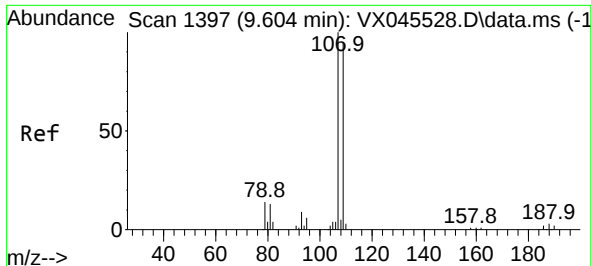
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#60
Dibromochloromethane
Concen: 59.799 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion:129 Resp: 62763
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 57.346 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

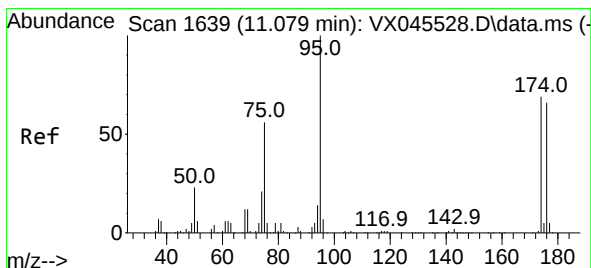
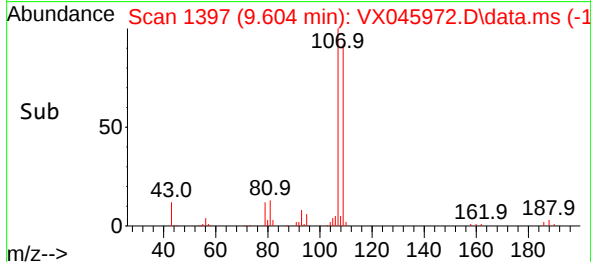
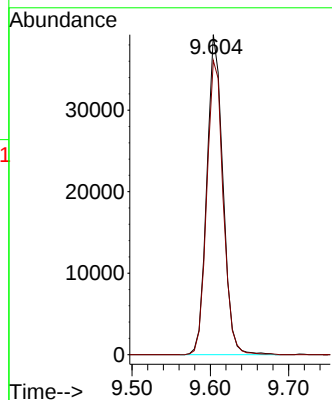
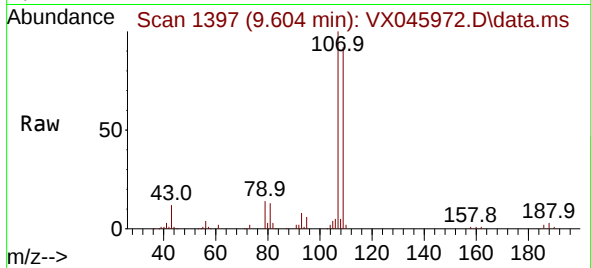
VSTDCCC050

Tgt Ion:107 Resp: 55889
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

Manual Integrations

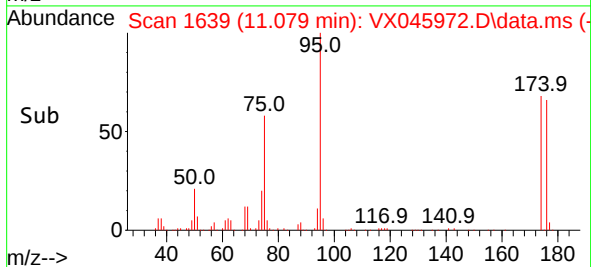
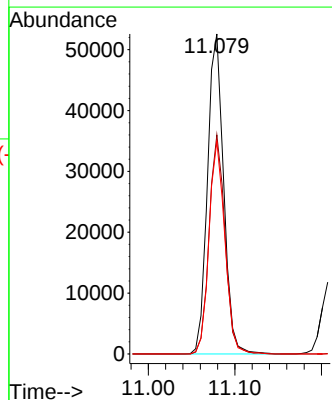
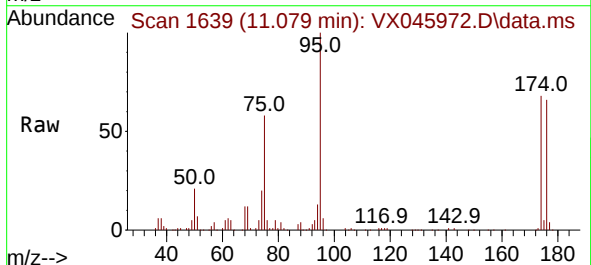
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

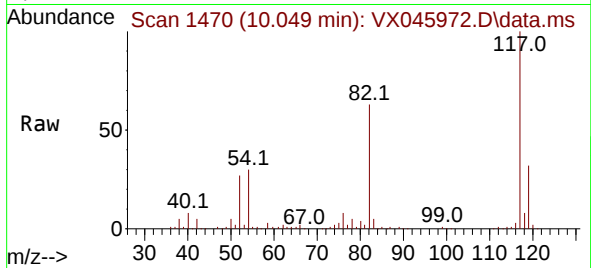
Tgt Ion: 95 Resp: 68053
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 65.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

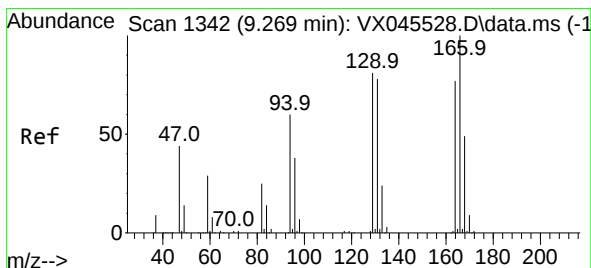
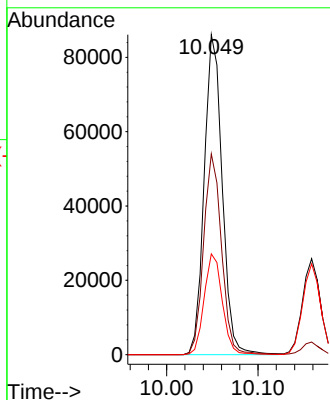
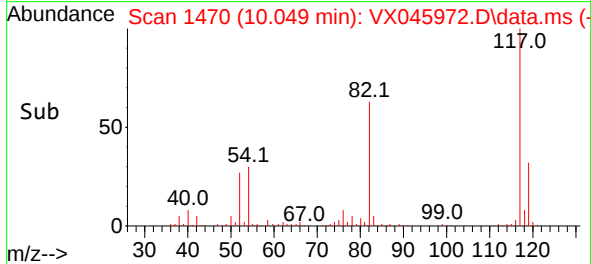
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 117679
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 31.5 25.1 37.7

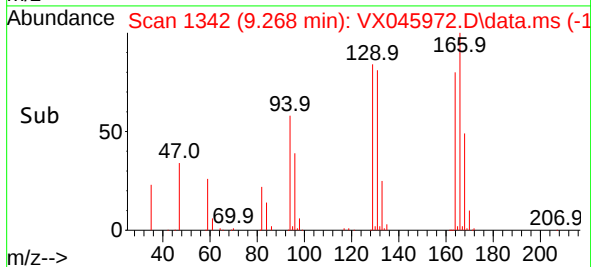
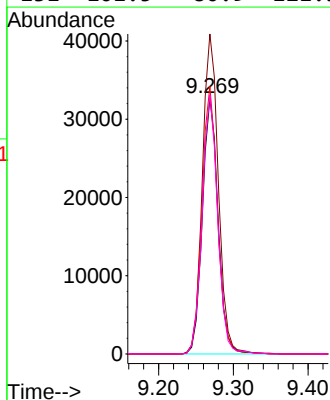
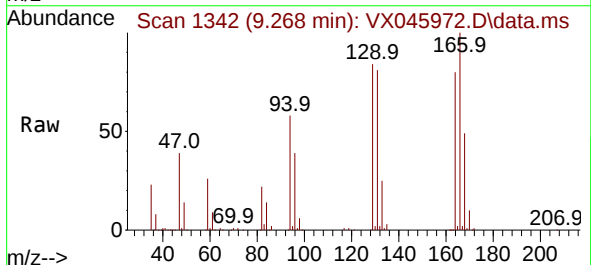
Manual Integrations
APPROVED

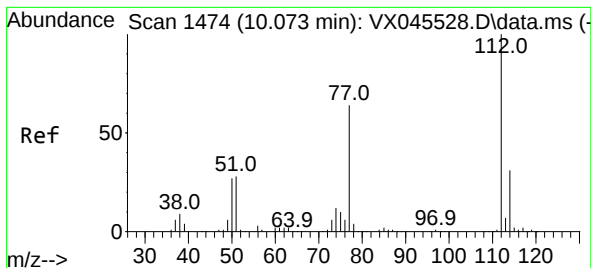
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#64
Tetrachloroethene
Concen: 57.360 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

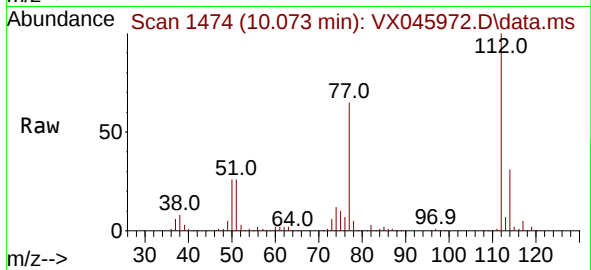
Tgt Ion:164 Resp: 47656
Ion Ratio Lower Upper
164 100
166 125.2 103.8 155.8
129 104.7 84.3 126.5
131 101.5 80.9 121.3





#65
Chlorobenzene
Concen: 58.543 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

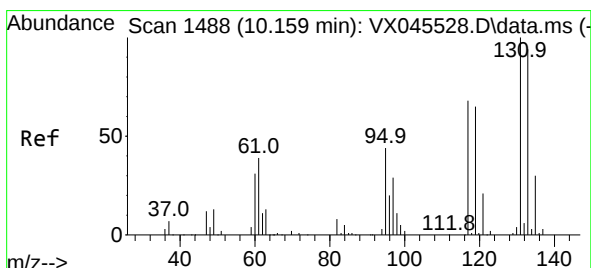
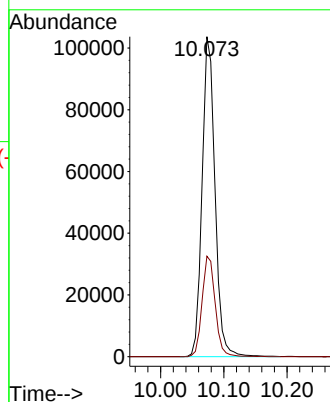
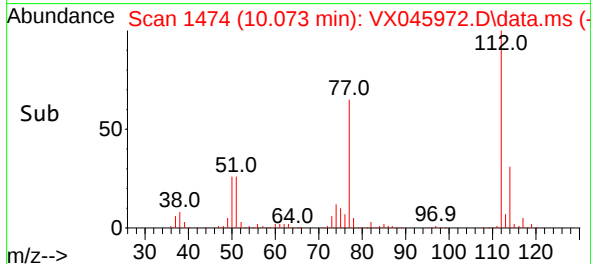
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 147209
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1

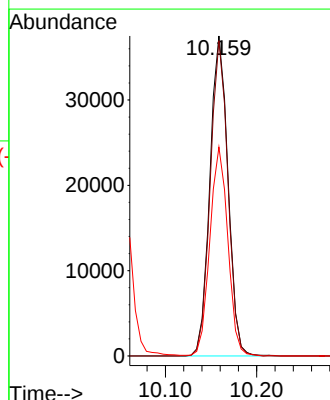
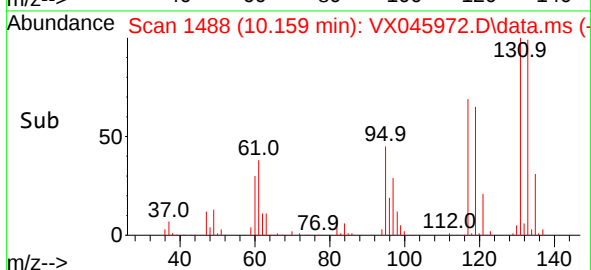
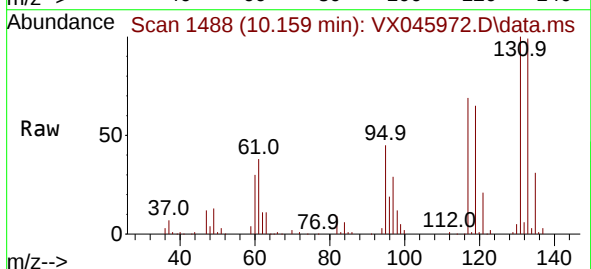
Manual Integrations
APPROVED

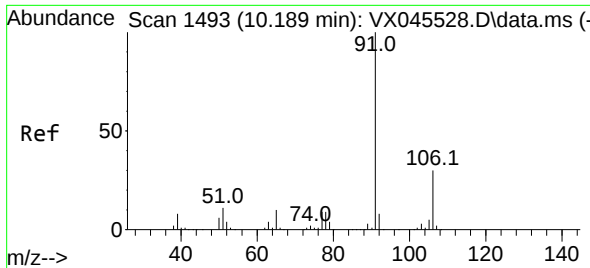
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 58.897 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

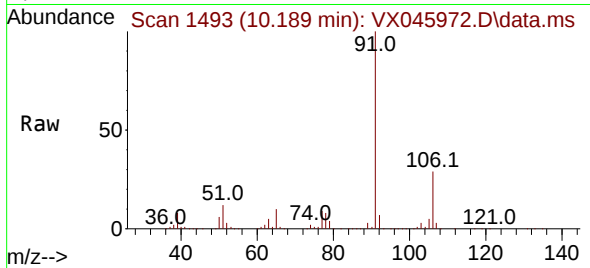
Tgt Ion:131 Resp: 51417
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 64.9 32.9 98.6





#67
Ethyl Benzene
Concen: 59.208 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

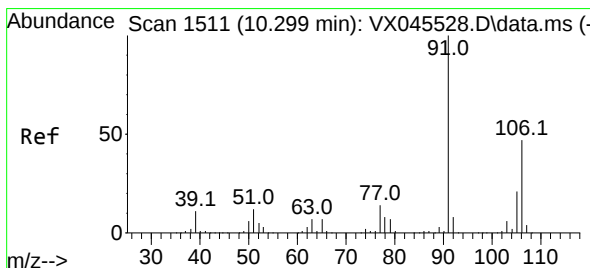
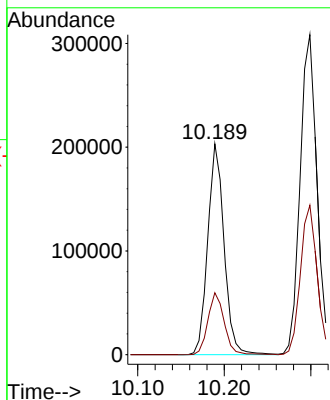
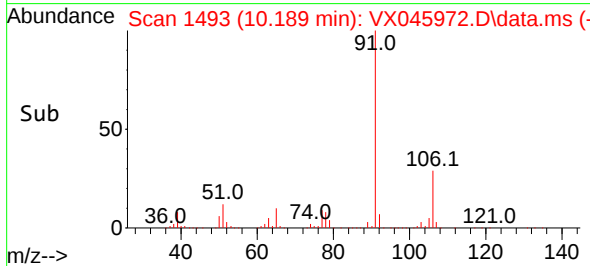
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



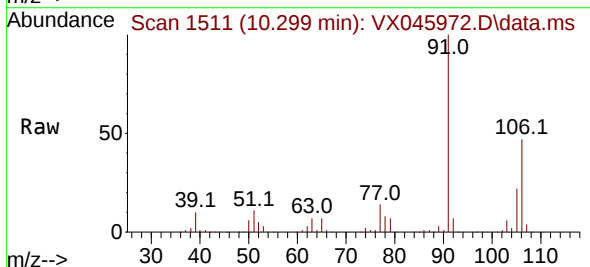
Tgt Ion: 91 Resp: 266649
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5

Manual Integrations
APPROVED

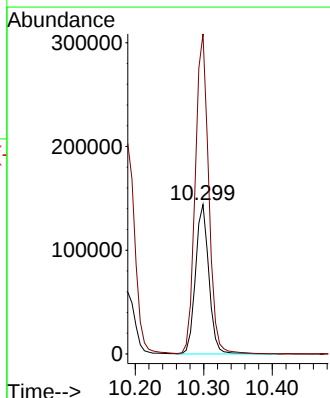
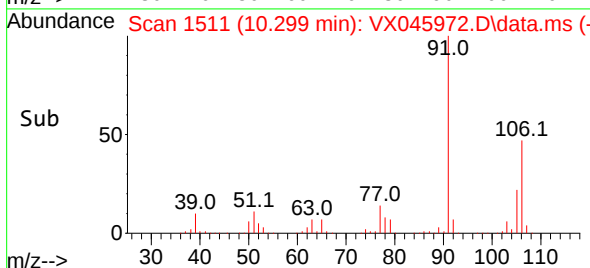
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

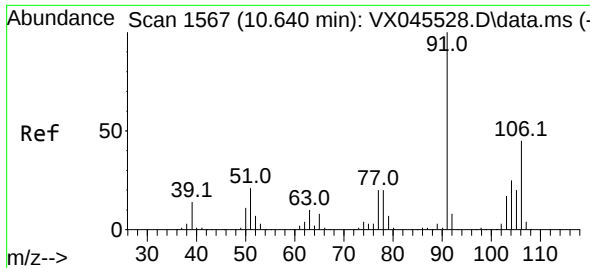


#68
m/p-Xylenes
Concen: 119.295 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



Tgt Ion:106 Resp: 195402
Ion Ratio Lower Upper
106 100
91 215.4 172.6 258.8





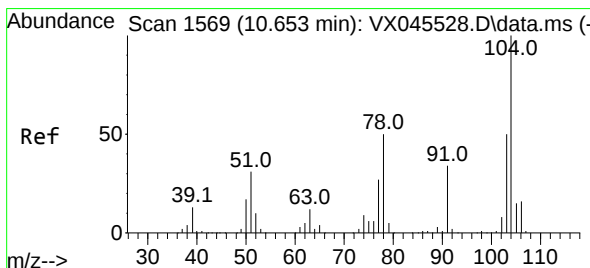
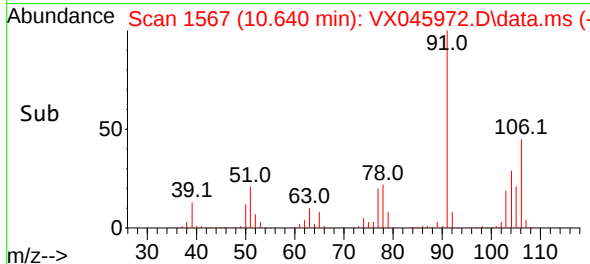
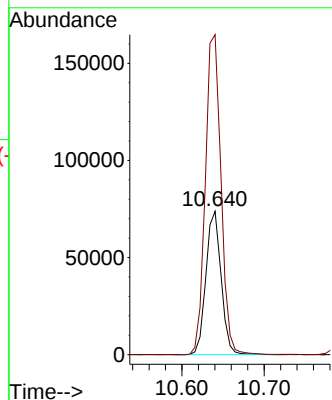
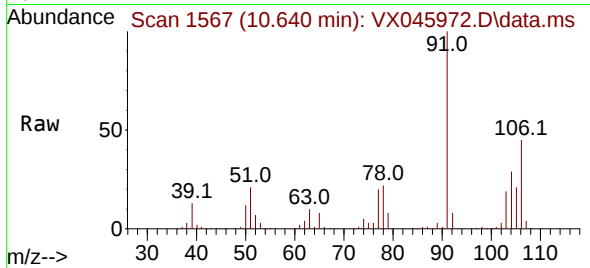
#69
o-Xylene
Concen: 58.786 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9485
Ion Ratio Lower Upper
106 100
91 230.3 113.6 340.6

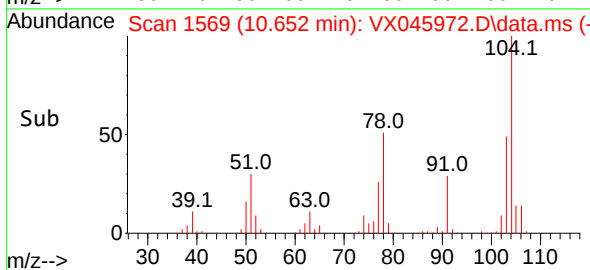
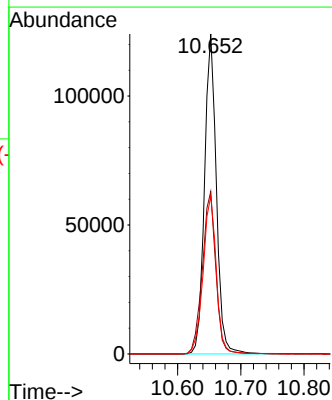
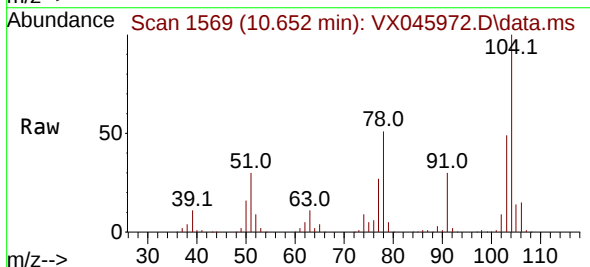
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#70
Styrene
Concen: 60.953 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion:104 Resp: 162328
Ion Ratio Lower Upper
104 100
78 57.3 45.4 68.2
103 54.9 43.8 65.8





#71

Bromoform

Concen: 63.327 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 41279

Ion Ratio Lower Upper

173 100

175 46.9 23.4 70.2

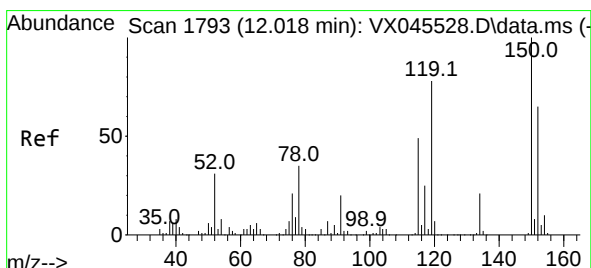
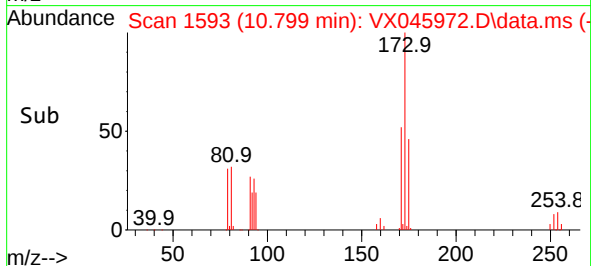
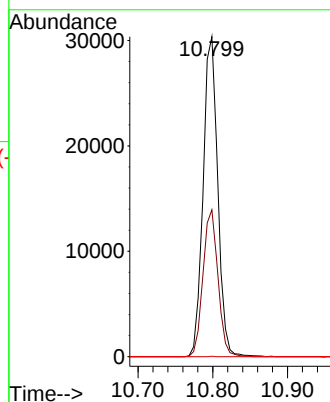
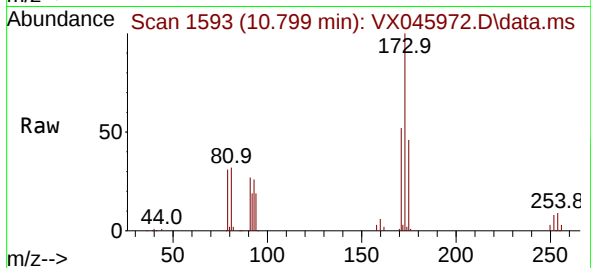
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

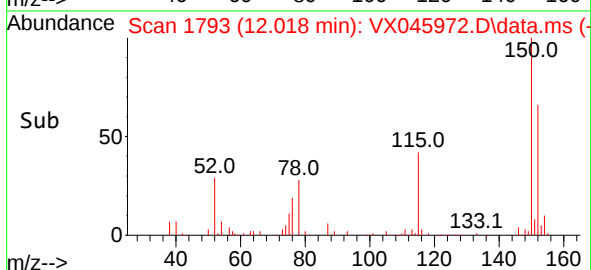
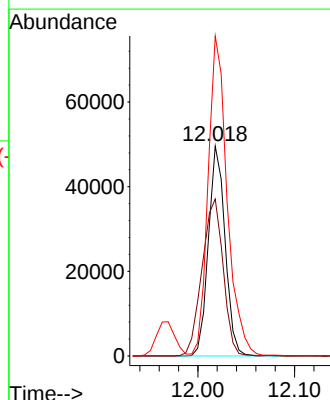
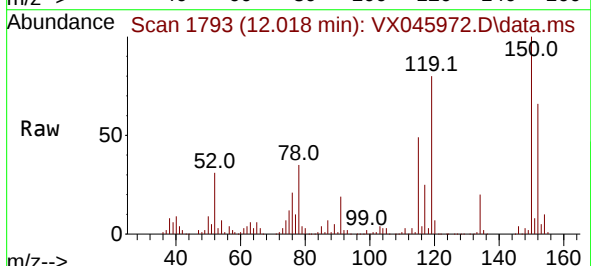
Tgt Ion:152 Resp: 59672

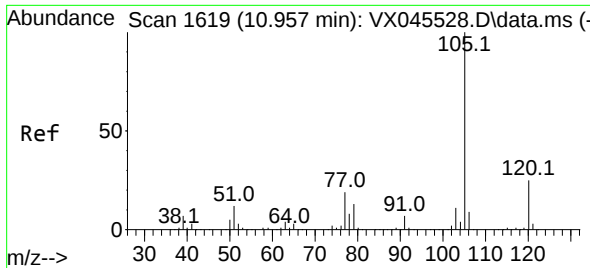
Ion Ratio Lower Upper

152 100

115 94.5 46.9 140.7

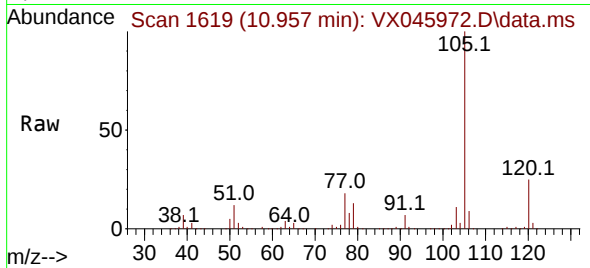
150 173.6 0.0 349.4





#73
Isopropylbenzene
Concen: 53.888 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

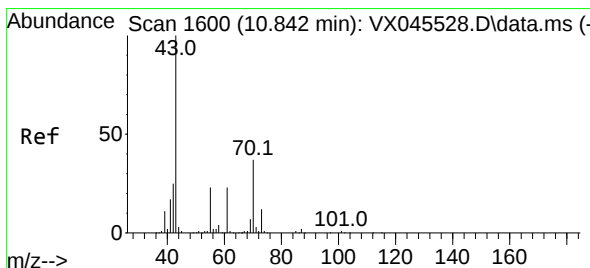
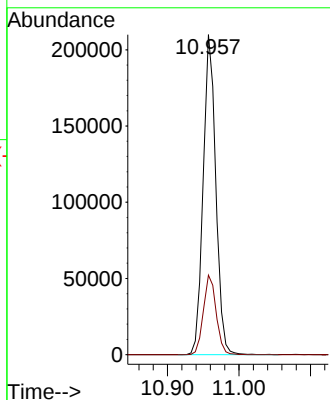
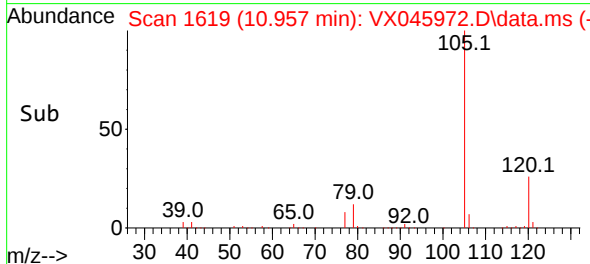
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



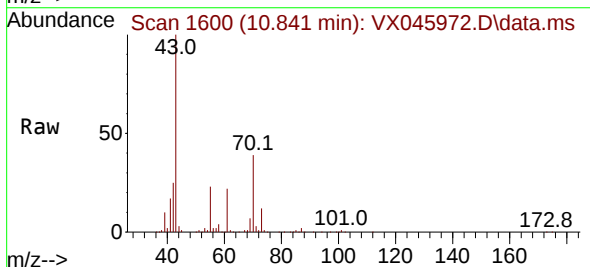
Tgt Ion:105 Resp: 257572
Ion Ratio Lower Upper
105 100
120 25.1 12.7 38.0

Manual Integrations
APPROVED

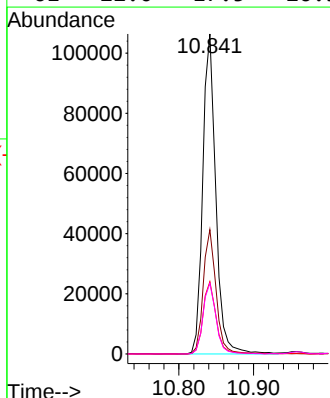
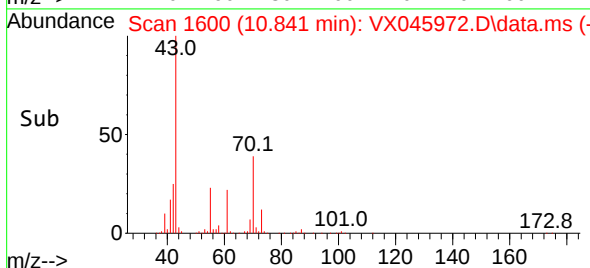
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

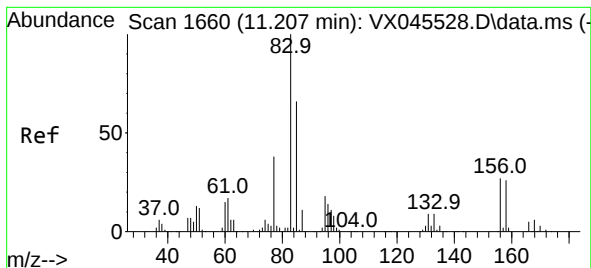


#74
N-ethyl acetate
Concen: 56.397 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



Tgt Ion: 43 Resp: 128947
Ion Ratio Lower Upper
43 100
70 38.5 30.1 45.1
55 22.8 18.3 27.5
61 22.0 17.5 26.3





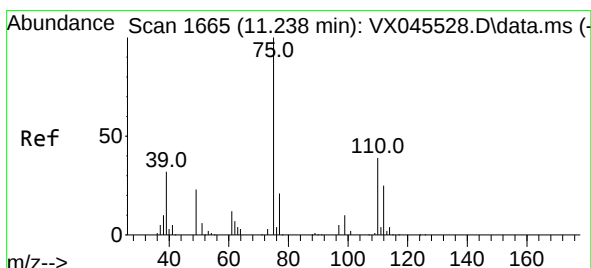
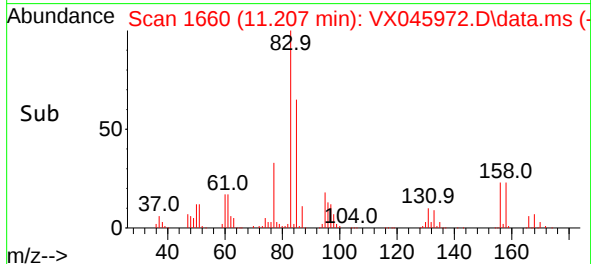
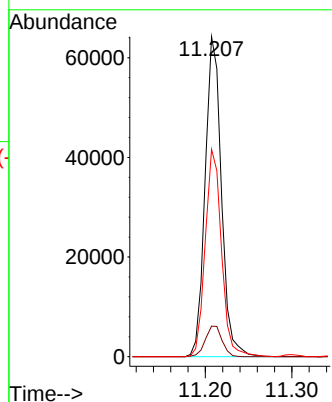
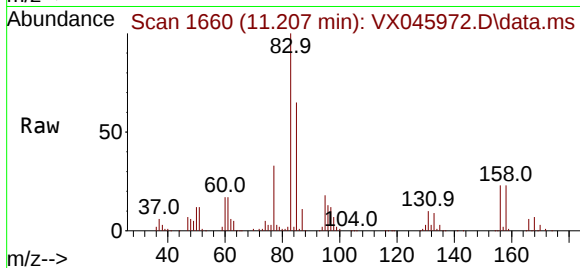
#75
1,1,2,2-Tetrachloroethane
Concen: 50.004 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 83960
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.7 32.4 97.2

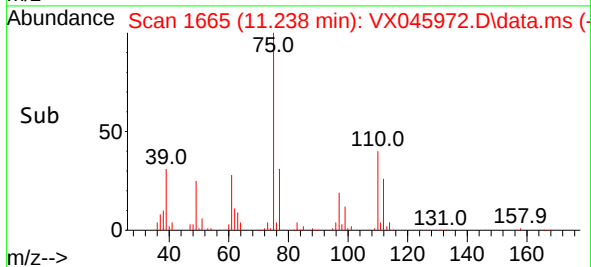
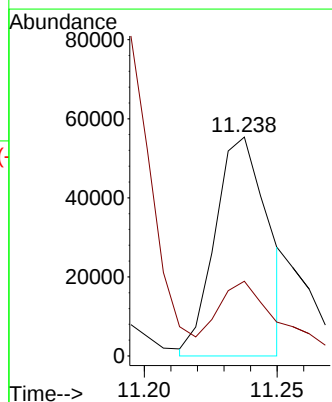
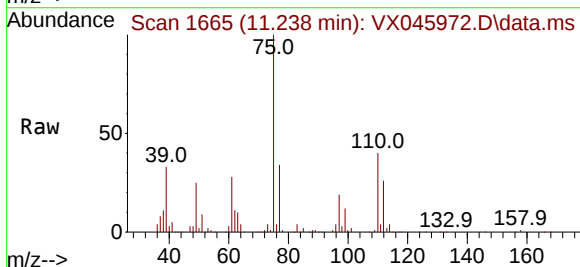
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#76
1,2,3-Trichloropropane
Concen: 52.453 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

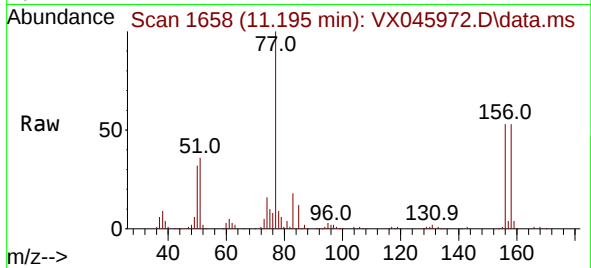
Tgt Ion: 75 Resp: 76347
Ion Ratio Lower Upper
75 100
77 40.2 20.0 59.9





#77
Bromobenzene
Concen: 51.752 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

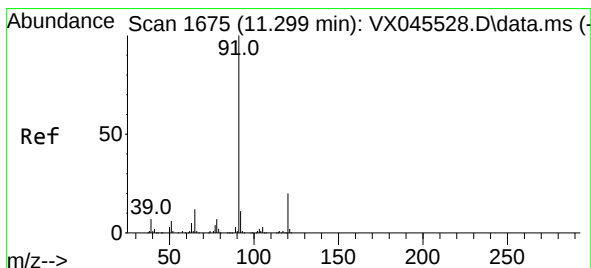
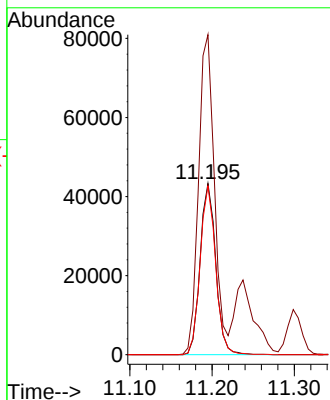
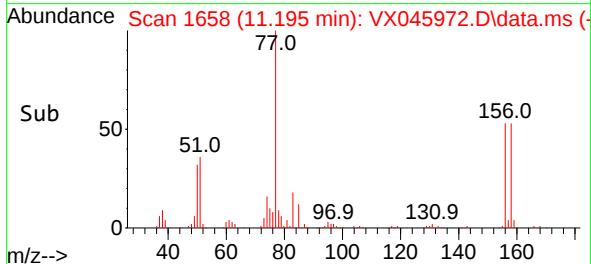
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



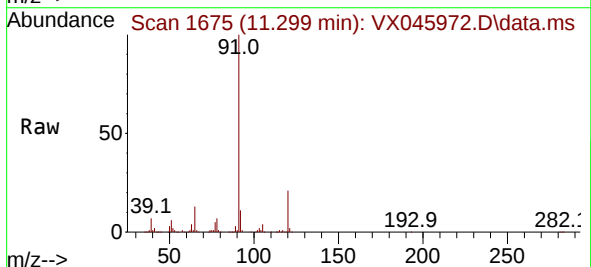
Tgt Ion:156 Resp: 57154
Ion Ratio Lower Upper
156 100
77 189.4 92.6 277.8
158 97.9 48.1 144.4

Manual Integrations
APPROVED

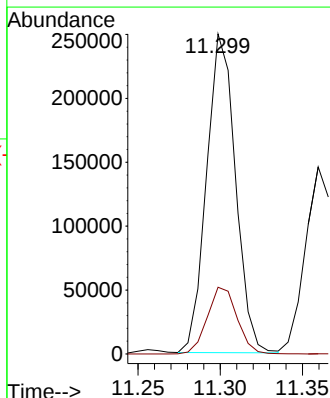
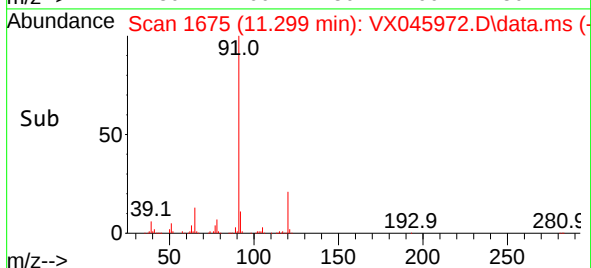
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

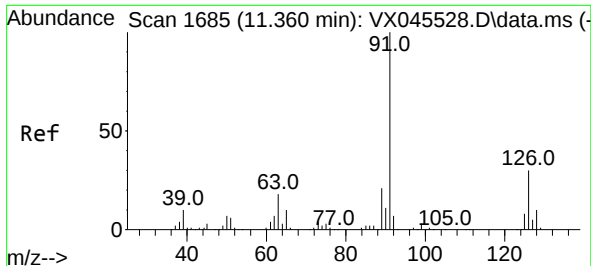


#78
n-propylbenzene
Concen: 55.357 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



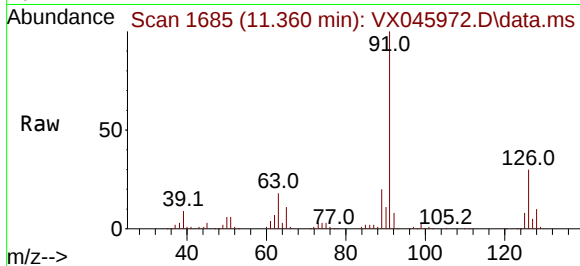
Tgt Ion: 91 Resp: 304769
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





#79
2-Chlorotoluene
Concen: 52.484 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

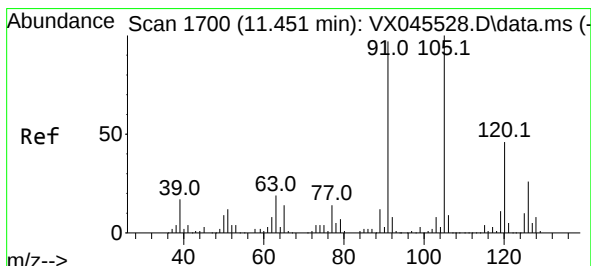
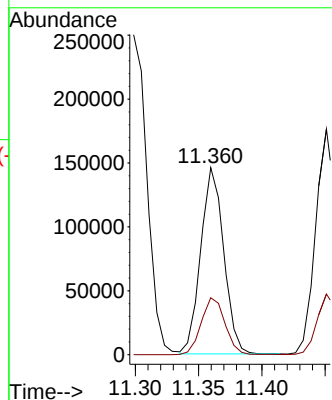
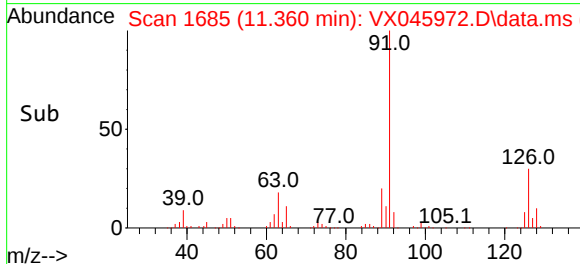
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



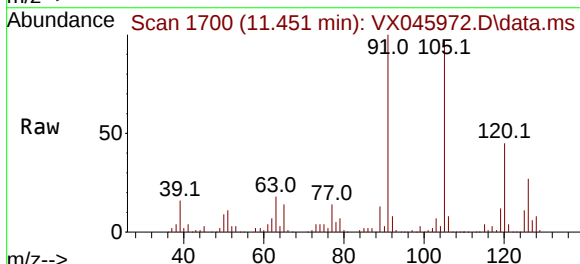
Tgt Ion: 91 Resp: 184724
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.4

Manual Integrations
APPROVED

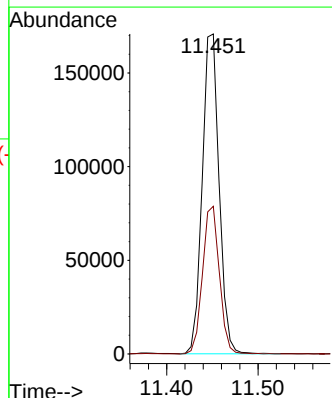
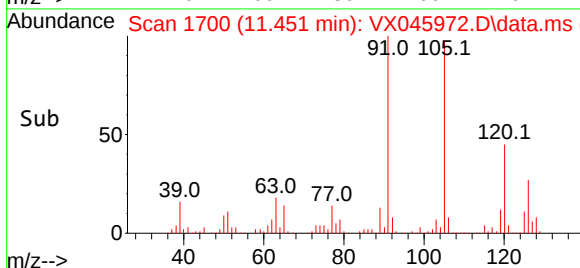
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

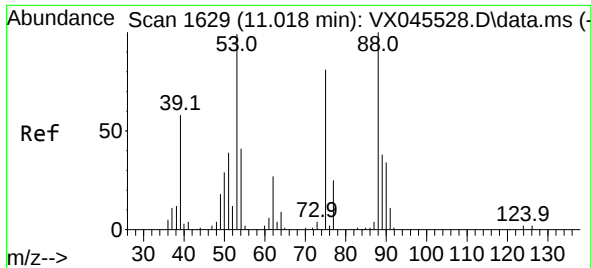


#80
1,3,5-Trimethylbenzene
Concen: 55.235 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



Tgt Ion:105 Resp: 218314
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





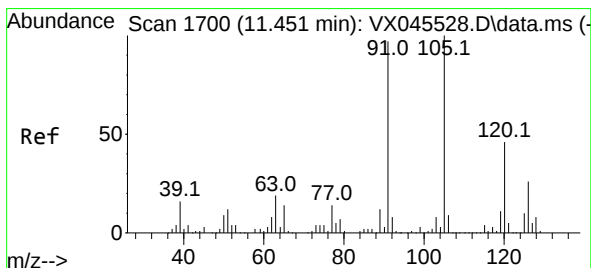
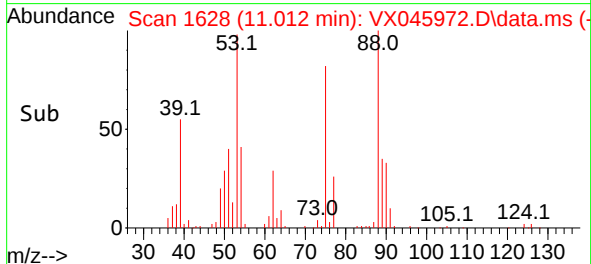
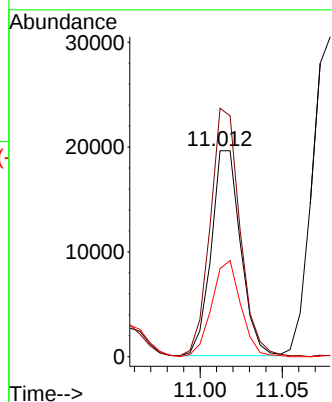
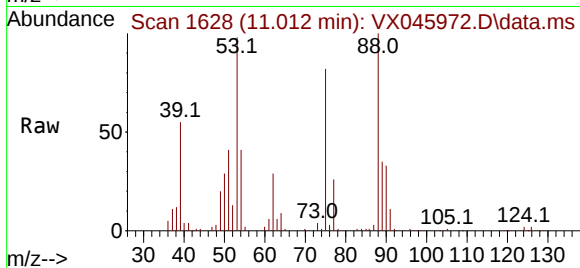
#81
trans-1,4-Dichloro-2-butene
Concen: 56.917 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24410
Ion Ratio Lower Upper
75 100
53 122.7 101.8 152.6
89 46.4 37.2 55.8

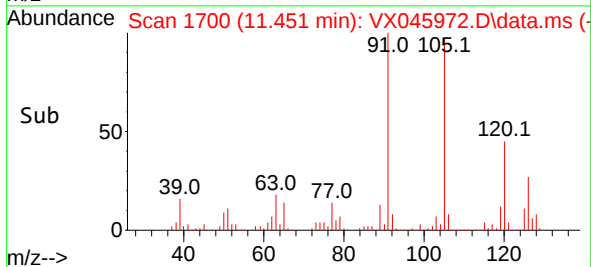
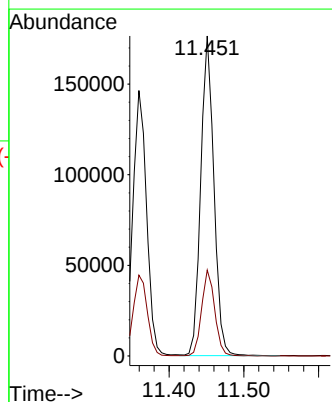
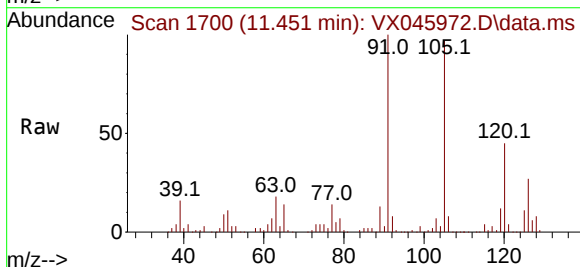
Manual Integrations
APPROVED

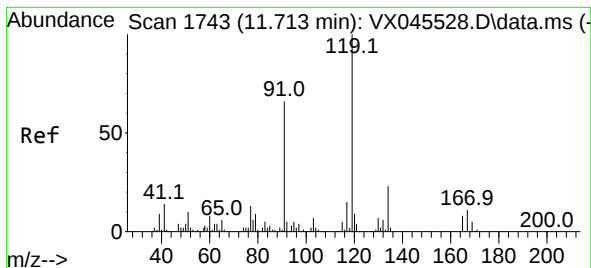
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#82
4-Chlorotoluene
Concen: 54.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion: 91 Resp: 215400
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83

tert-Butylbenzene

Concen: 55.184 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 21594

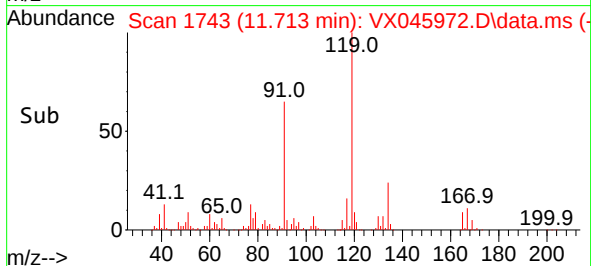
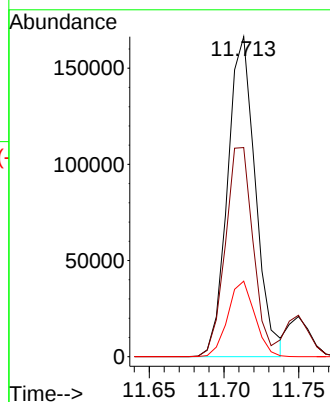
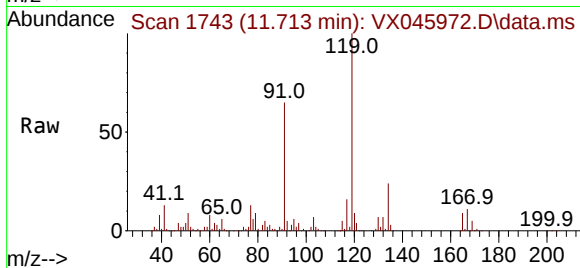
Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.4	97.2
134	22.8	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#84

1,2,4-Trimethylbenzene

Concen: 56.100 ug/l

RT: 11.750 min Scan# 1749

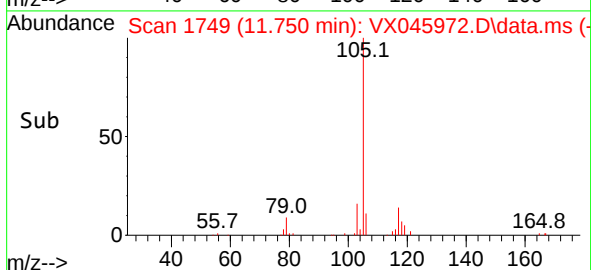
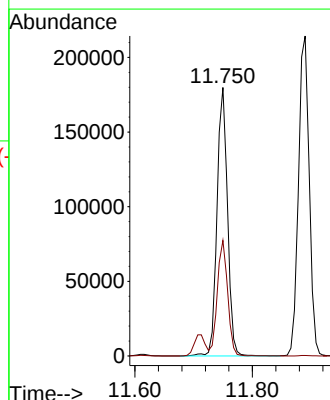
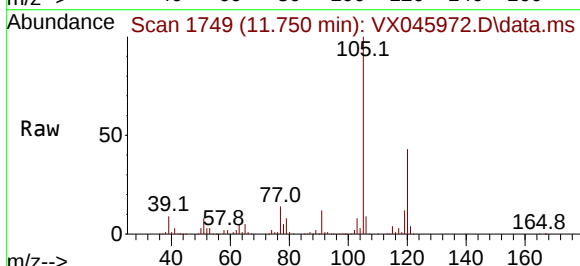
Delta R.T. -0.000 min

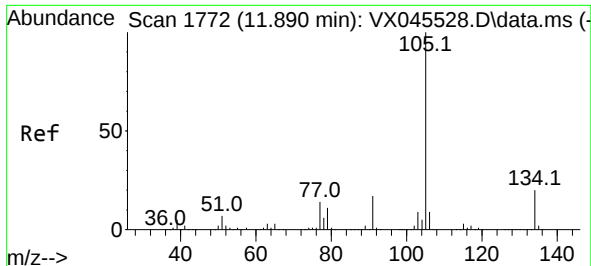
Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Tgt Ion:105 Resp: 222552

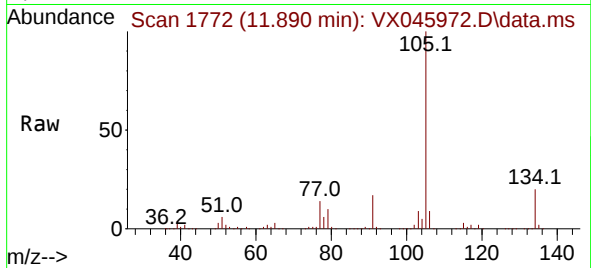
Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 56.721 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06

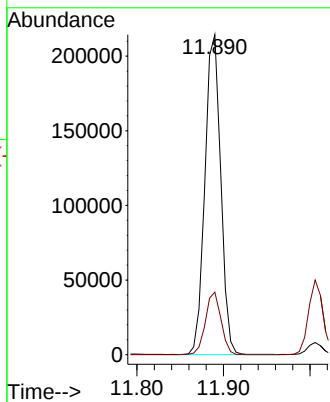
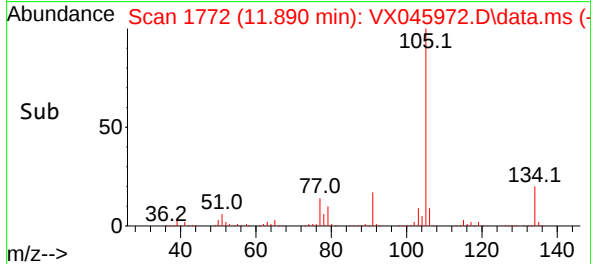
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



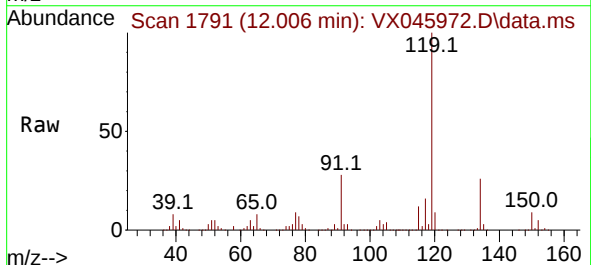
Tgt Ion:105 Resp: 272612
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

Manual Integrations
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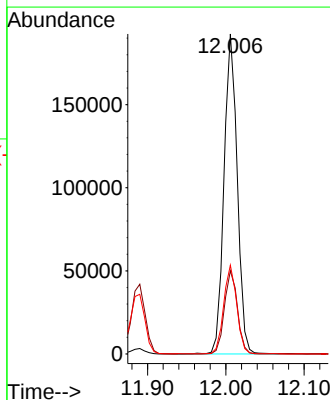
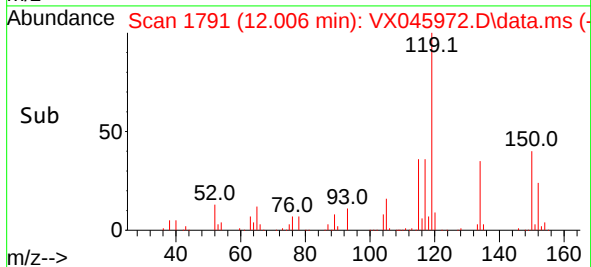
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#86
 p-Isopropyltoluene
 Concen: 57.101 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045972.D
 Acq: 29 Apr 2025 11:06



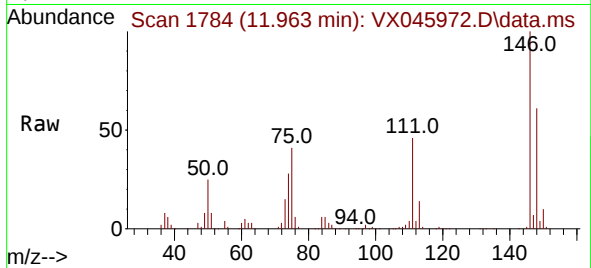
Tgt Ion:119 Resp: 226257
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 27.3 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 54.444 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

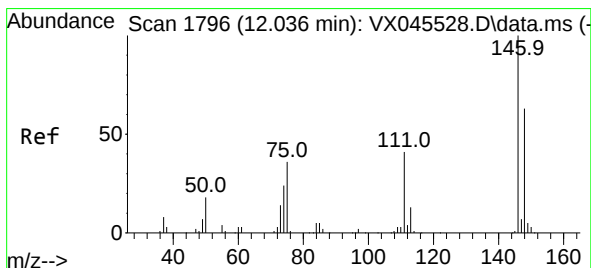
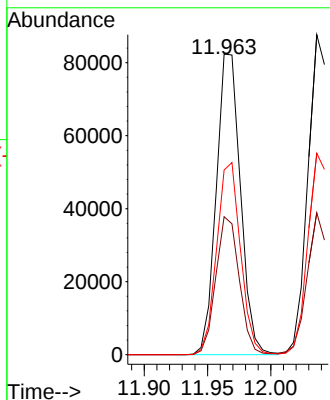
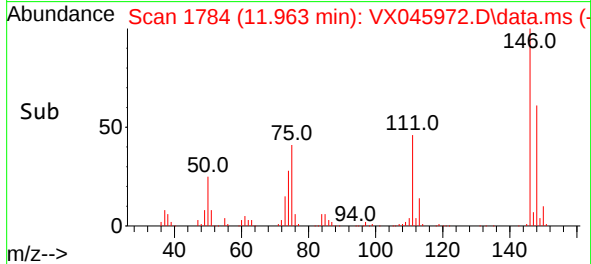
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 109450
Ion Ratio Lower Upper
146 100
111 44.6 22.2 66.6
148 63.0 31.9 95.7

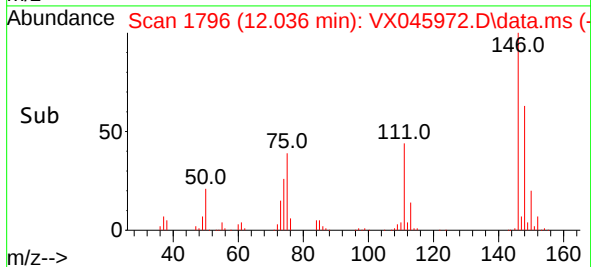
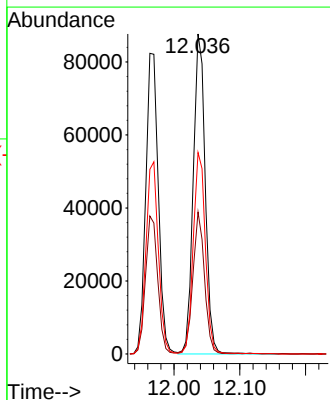
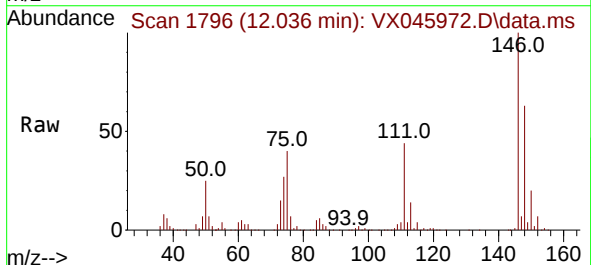
Manual Integrations
APPROVED

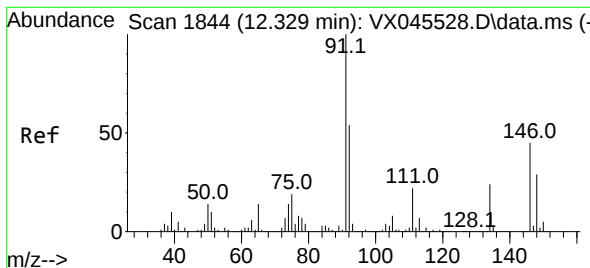
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#88
1,4-Dichlorobenzene
Concen: 54.115 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion:146 Resp: 110289
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 63.2 31.5 94.5





#89

n-Butylbenzene

Concen: 60.023 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 20624

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.6

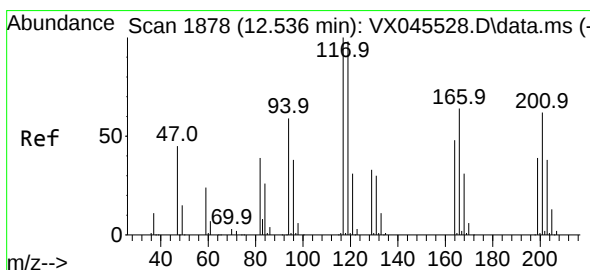
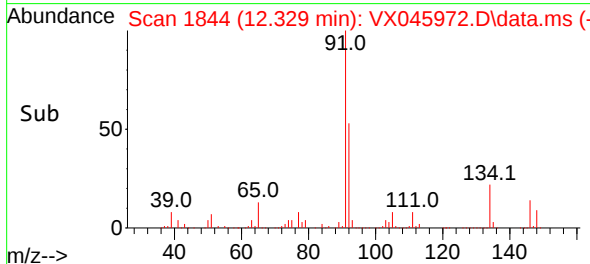
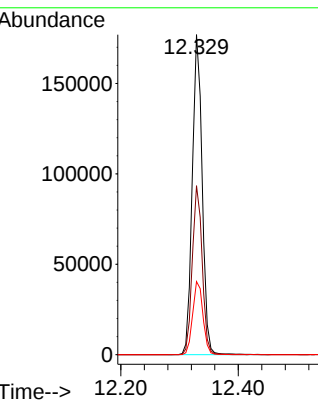
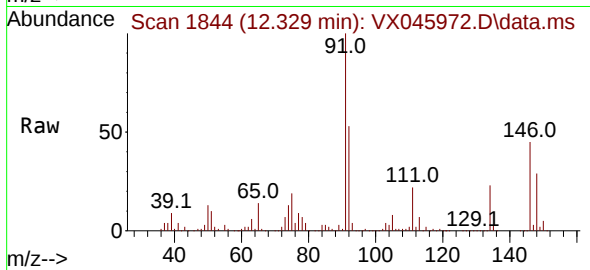
134 23.9 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#90

Hexachloroethane

Concen: 58.364 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045972.D

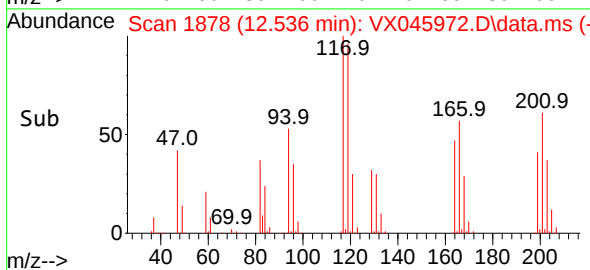
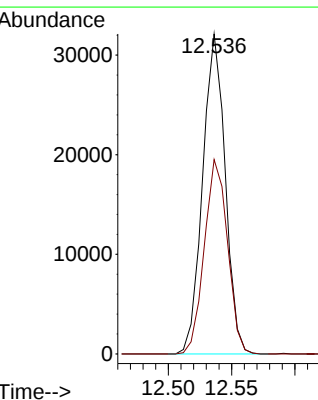
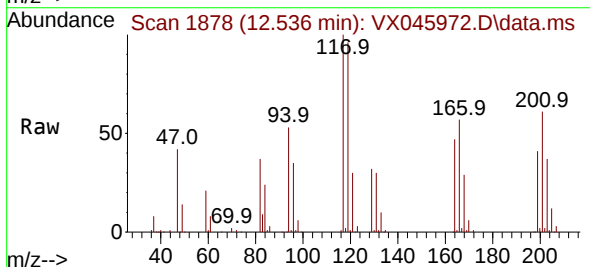
Acq: 29 Apr 2025 11:06

Tgt Ion:117 Resp: 39744

Ion Ratio Lower Upper

117 100

201 62.5 31.2 93.6





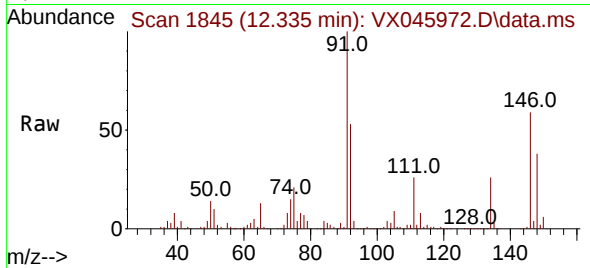
#91
1,2-Dichlorobenzene
Concen: 54.239 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



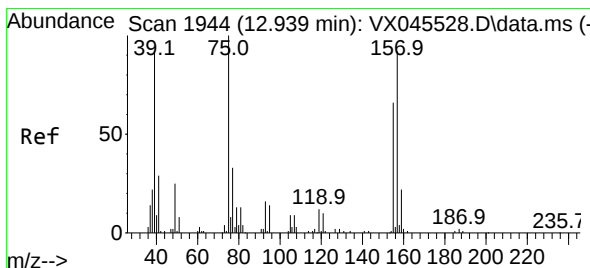
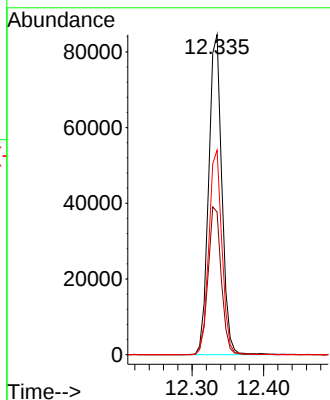
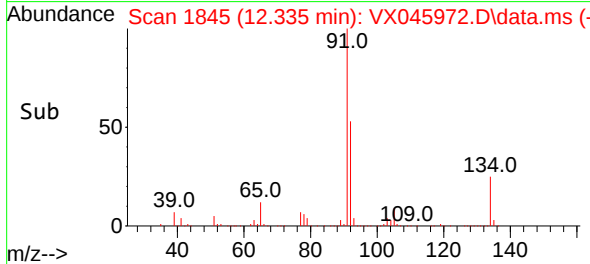
Tgt Ion:146 Resp: 108400
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 63.3 31.9 95.5

Manual Integrations

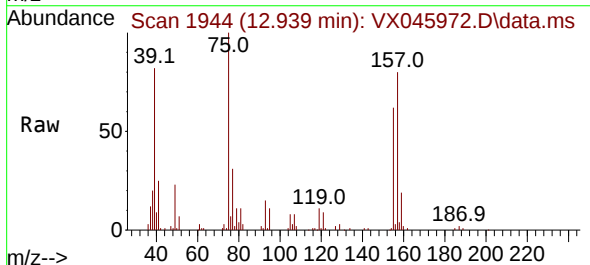
APPROVED

Reviewed By :John Carlone 04/30/2025

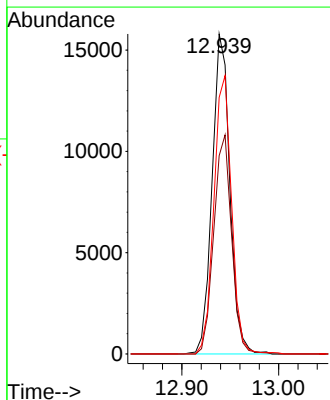
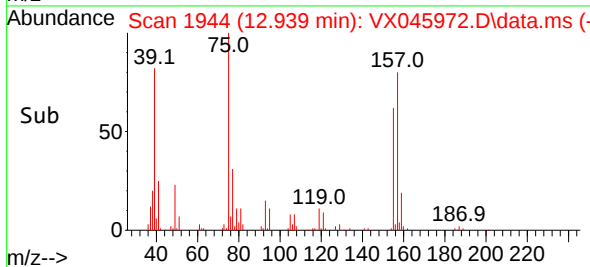
Supervised By :Semsettin Yesilyurt 04/30/2025

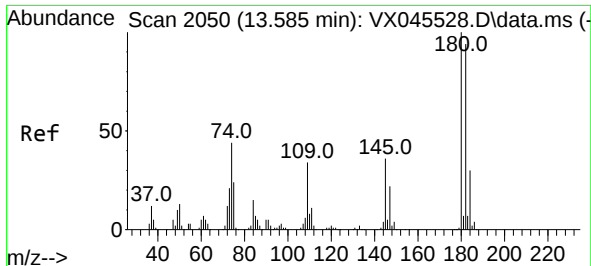


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.211 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06



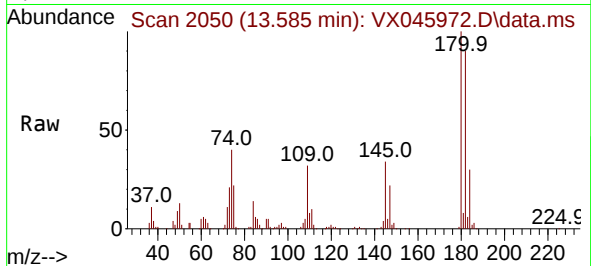
Tgt Ion: 75 Resp: 20090
Ion Ratio Lower Upper
75 100
155 68.9 34.9 104.7
157 86.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 57.729 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

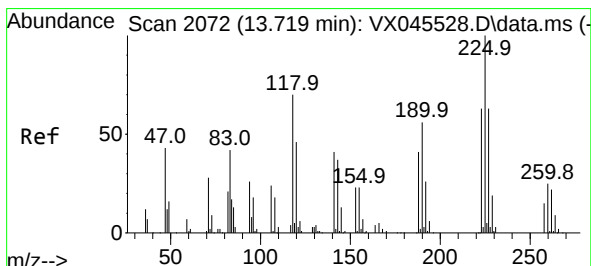
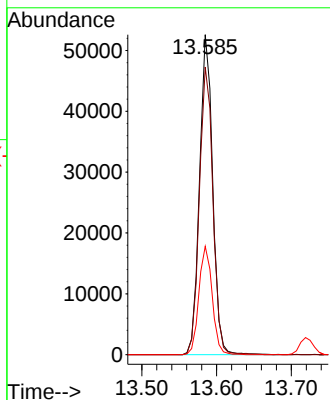
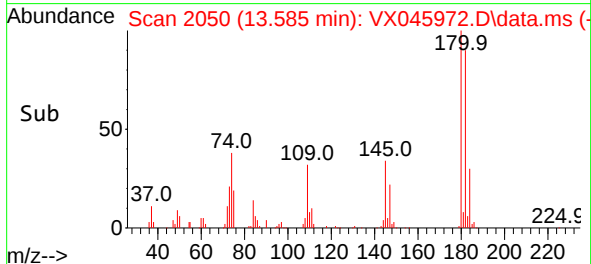
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 64225
Ion Ratio Lower Upper
180 100
182 92.5 47.9 143.6
145 34.2 17.9 53.8

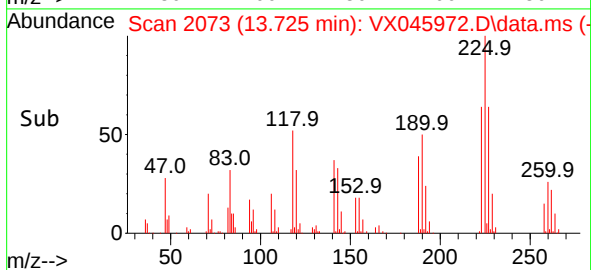
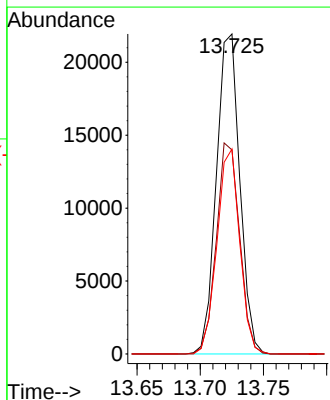
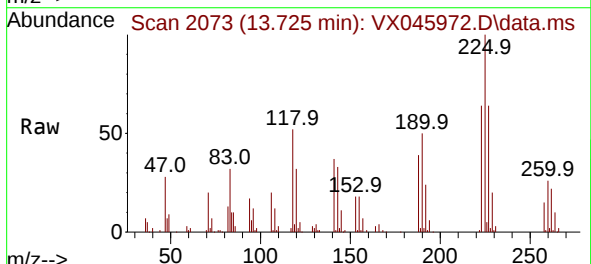
Manual Integrations
APPROVED

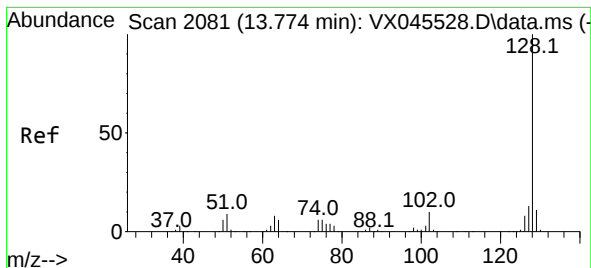
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#94
Hexachlorobutadiene
Concen: 58.752 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045972.D
Acq: 29 Apr 2025 11:06

Tgt Ion:225 Resp: 28166
Ion Ratio Lower Upper
225 100
223 65.5 31.1 93.3
227 62.2 32.2 96.6





#95

Naphthalene

Concen: 55.249 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 22873

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

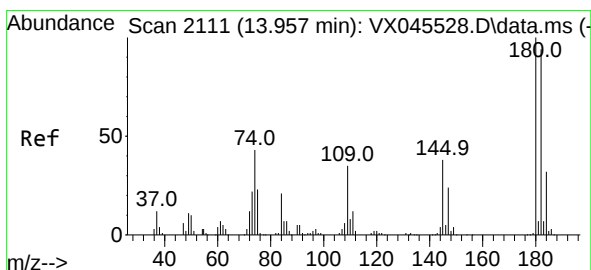
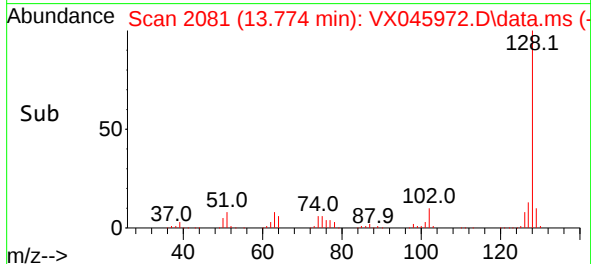
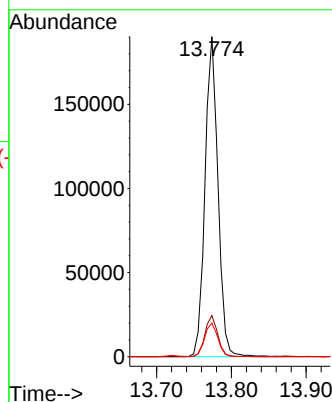
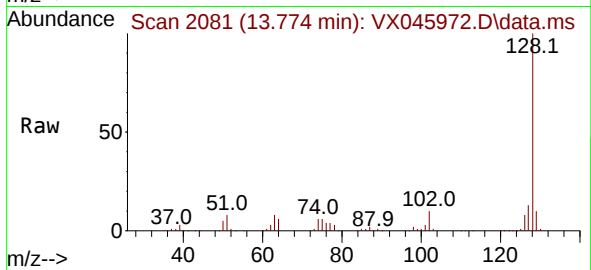
129 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 54.879 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045972.D

Acq: 29 Apr 2025 11:06

Tgt Ion:180 Resp: 63932

Ion Ratio Lower Upper

180 100

182 97.8 47.3 141.8

145 36.2 18.2 54.6

