

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045865.D
 Acq On : 21 Apr 2025 08:55
 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 22 01:22:36 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 04/22/2025
 Supervised By : Semsettin Yesilyurt 04/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	104369	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	173438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92220	48.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.640%		
35) Dibromofluoromethane	5.379	113	65405	53.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.300%		
50) Toluene-d8	8.641	98	212520	49.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	82595	52.794	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	75413	48.316	ug/l	100
3) Chloromethane	1.301	50	68764	42.884	ug/l	98
4) Vinyl Chloride	1.374	62	65741	44.799	ug/l	99
5) Bromomethane	1.593	94	29280	42.081	ug/l	99
6) Chloroethane	1.666	64	37028	47.559	ug/l	99
7) Trichlorofluoromethane	1.874	101	106400	48.623	ug/l	99
8) Diethyl Ether	2.130	74	34694	47.224	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	64787	50.525	ug/l	98
10) Methyl Iodide	2.441	142	74377	46.503	ug/l	99
11) Tert butyl alcohol	2.971	59	60720	236.720	ug/l	99
12) 1,1-Dichloroethene	2.307	96	57448	45.850	ug/l	98
13) Acrolein	2.233	56	36930	104.550	ug/l	99
14) Allyl chloride	2.654	41	114945	48.350	ug/l	99
15) Acrylonitrile	3.063	53	183200	226.258	ug/l	99
16) Acetone	2.380	43	197068	251.446	ug/l	97
17) Carbon Disulfide	2.502	76	124251	40.151	ug/l	98
18) Methyl Acetate	2.703	43	102743	56.938	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	217550	49.635	ug/l	98
20) Methylene Chloride	2.782	84	67471	45.984	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	56548	44.176	ug/l	94
22) Diisopropyl ether	3.758	45	226979	48.469	ug/l	99
23) Vinyl Acetate	3.715	43	967508	239.124	ug/l	100
24) 1,1-Dichloroethane	3.599	63	124502	47.010	ug/l	99
25) 2-Butanone	4.550	43	267506	233.174	ug/l	97
26) 2,2-Dichloropropane	4.465	77	101945	59.578	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	72648	46.584	ug/l	97
28) Bromochloromethane	4.885	49	58392	45.625	ug/l	98
29) Tetrahydrofuran	4.995	42	162764	218.830	ug/l	100
30) Chloroform	5.080	83	130898	48.034	ug/l	96
31) Cyclohexane	5.458	56	101563	43.379	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	113524	49.232	ug/l	98
36) 1,1-Dichloropropene	5.684	75	80555	48.484	ug/l	99
37) Ethyl Acetate	4.709	43	99023	47.293	ug/l	99
38) Carbon Tetrachloride	5.666	117	96121	53.530	ug/l	99
39) Methylcyclohexane	7.373	83	102228	50.194	ug/l	99
40) Benzene	6.025	78	244843	48.251	ug/l	100

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 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

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 Supervised By : Semsettin Yesilyurt 04/22/2025

Quant Time: Apr 22 01:22:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57580	52.120	ug/l	98
42) 1,2-Dichloroethane	6.074	62	107593	51.337	ug/l	99
43) Isopropyl Acetate	6.336	43	164142	51.724	ug/l	100
44) Trichloroethene	7.123	130	60319	50.012	ug/l	98
45) 1,2-Dichloropropane	7.422	63	63403	50.078	ug/l	98
46) Dibromomethane	7.574	93	49004	50.420	ug/l	98
47) Bromodichloromethane	7.812	83	103113	53.125	ug/l	97
48) Methyl methacrylate	7.690	41	83710	51.089	ug/l	99
49) 1,4-Dioxane	7.659	88	28455	959.860	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	528286	251.118	ug/l	100
52) Toluene	8.714	92	147542	48.052	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	92540	49.598	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	99941	54.793	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	61276	50.081	ug/l	98
56) Ethyl methacrylate	9.110	69	100049	52.836	ug/l	99
57) 1,3-Dichloropropane	9.305	76	105098	49.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	256315	267.578	ug/l	99
59) 2-Hexanone	9.427	43	389180	249.815	ug/l	99
60) Dibromochloromethane	9.519	129	73494	55.097	ug/l	97
61) 1,2-Dibromoethane	9.604	107	63347	51.144	ug/l	98
64) Tetrachloroethene	9.269	164	55397	52.545	ug/l	98
65) Chlorobenzene	10.073	112	162716	50.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	58922	53.189	ug/l	99
67) Ethyl Benzene	10.189	91	295114	51.641	ug/l	100
68) m/p-Xylenes	10.299	106	212978	102.467	ug/l	98
69) o-Xylene	10.640	106	106220	51.877	ug/l	99
70) Styrene	10.653	104	180308	53.355	ug/l	99
71) Bromoform	10.799	173	47399	57.304	ug/l #	98
73) Isopropylbenzene	10.957	105	286543	49.696	ug/l	100
74) N-amyl acetate	10.842	43	140524	50.949	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	94345	46.579	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	83816m	47.736	ug/l	
77) Bromobenzene	11.195	156	64387	48.330	ug/l	99
78) n-propylbenzene	11.299	91	334925	50.430	ug/l	100
79) 2-Chlorotoluene	11.360	91	204462	48.156	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	239764	50.287	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28036	54.191	ug/l	98
82) 4-Chlorotoluene	11.451	91	236012	49.856	ug/l	99
83) tert-Butylbenzene	11.713	119	238587	50.544	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	244318	51.054	ug/l	99
85) sec-Butylbenzene	11.890	105	300930	51.905	ug/l	100
86) p-Isopropyltoluene	12.006	119	249503	52.199	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	119864	49.427	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	120214	48.897	ug/l	98
89) n-Butylbenzene	12.329	91	229161	55.287	ug/l	99
90) Hexachloroethane	12.536	117	45924	55.905	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121463	50.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22708	53.607	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71161	53.024	ug/l	99
94) Hexachlorobutadiene	13.719	225	30438	52.632	ug/l	98
95) Naphthalene	13.774	128	254914	51.041	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	73363	52.204	ug/l	100

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

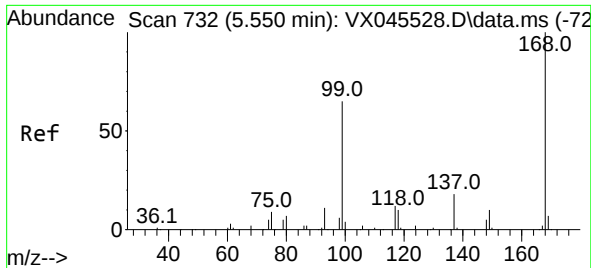
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

Quant Time: Apr 22 01:22:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

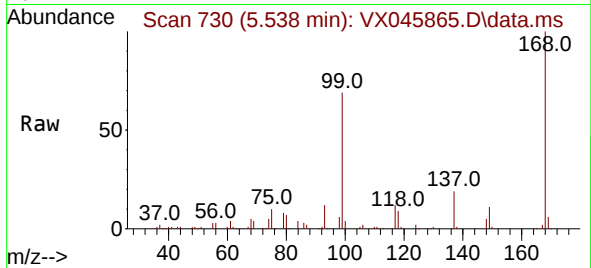
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

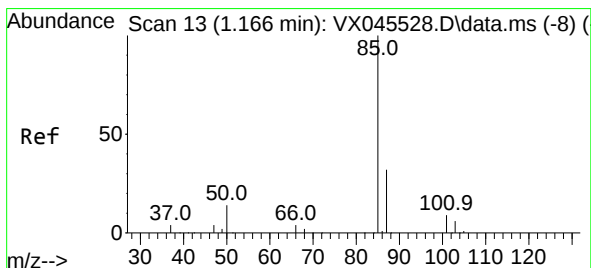
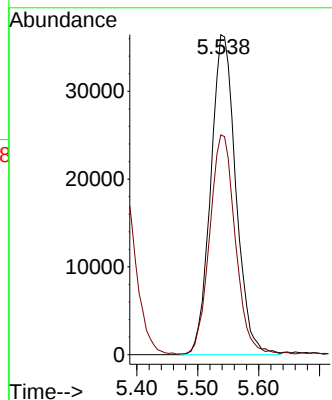
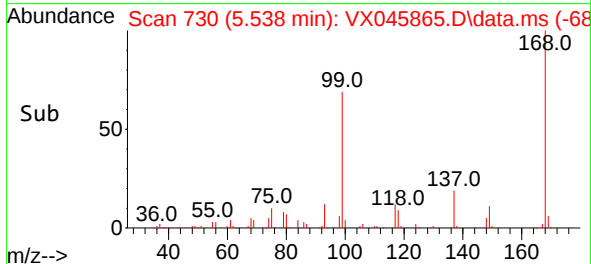
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 104369
Ion Ratio Lower Upper
168 100
99 68.5 52.3 78.5

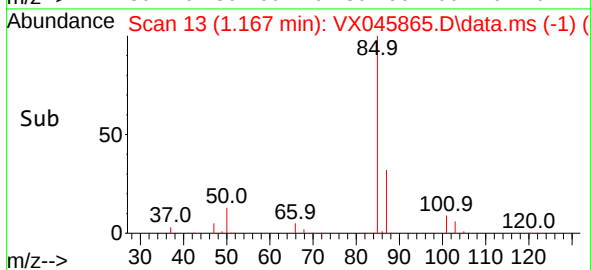
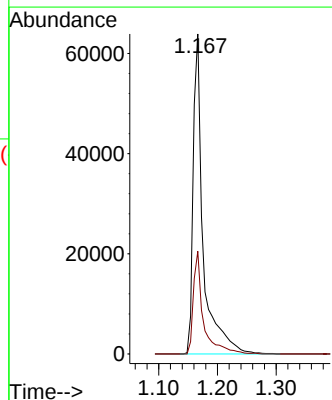
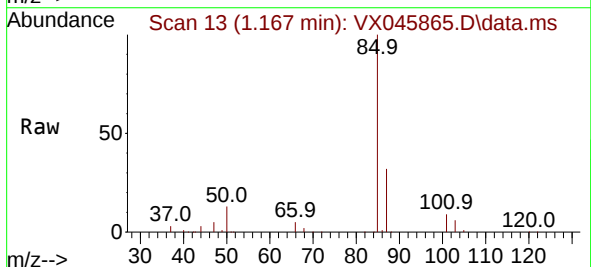
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Supervised By :Semsettin Yesilyurt 04/22/2025



#2
Dichlorodifluoromethane
Concen: 48.316 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 85 Resp: 75413
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





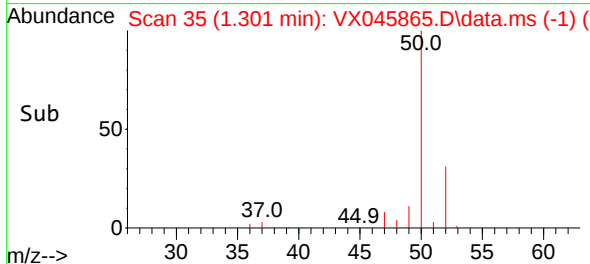
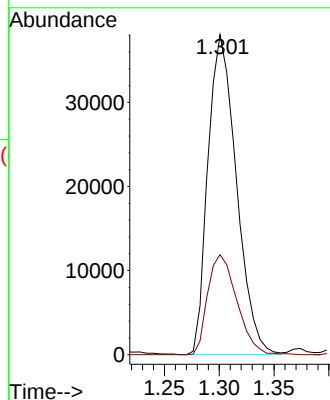
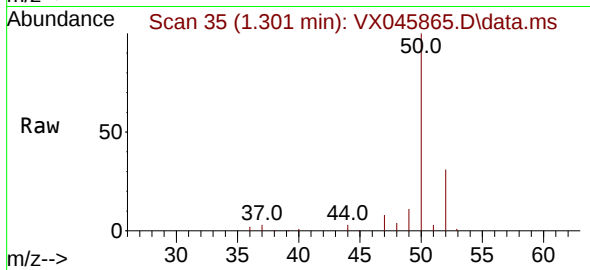
#3
Chloromethane
Concen: 42.884 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 68764
Ion Ratio Lower Upper
50 100
52 31.3 25.9 38.9

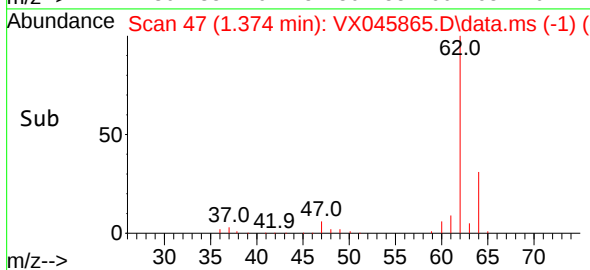
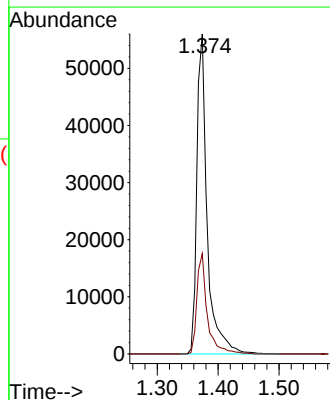
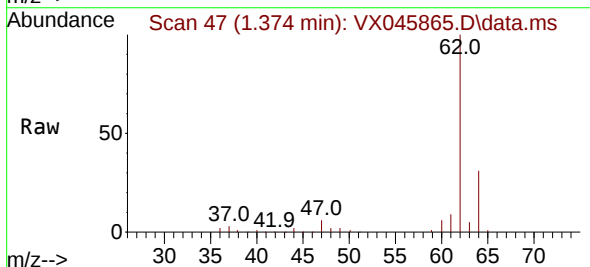
Manual Integrations
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#4
Vinyl Chloride
Concen: 44.799 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

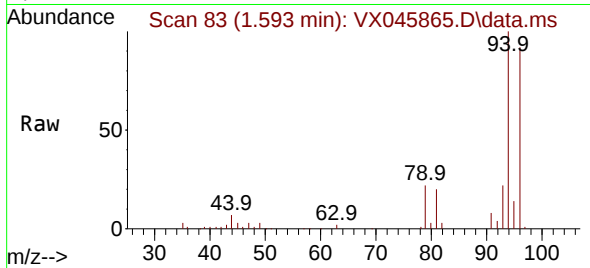
Tgt Ion: 62 Resp: 65741
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 42.081 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

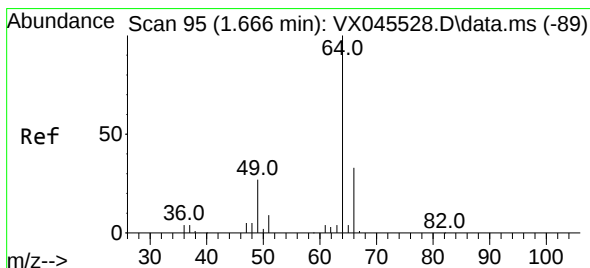
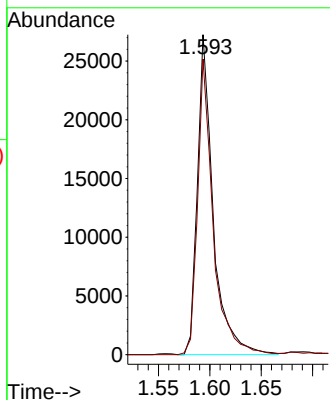
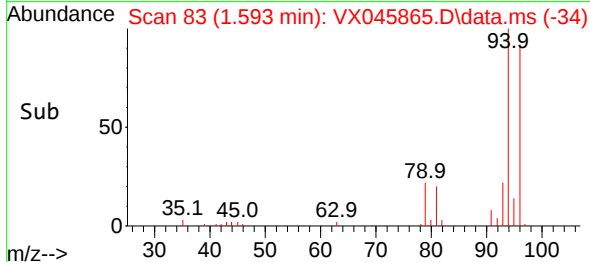
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 29280
Ion Ratio Lower Upper
94 100
96 92.4 74.8 112.2

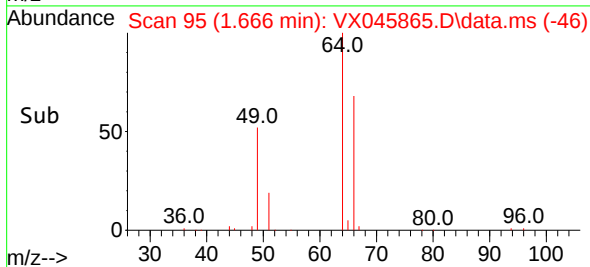
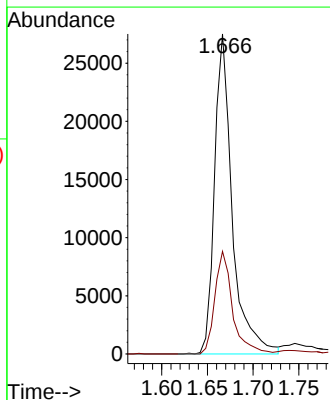
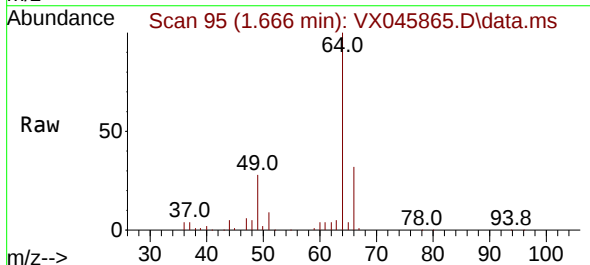
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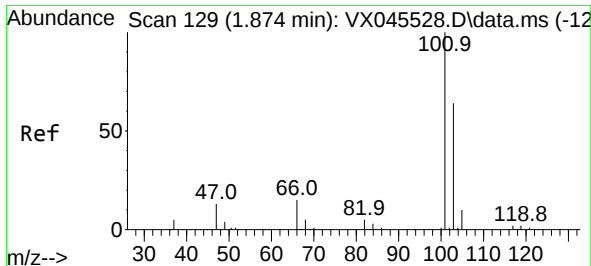
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#6
Chloroethane
Concen: 47.559 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

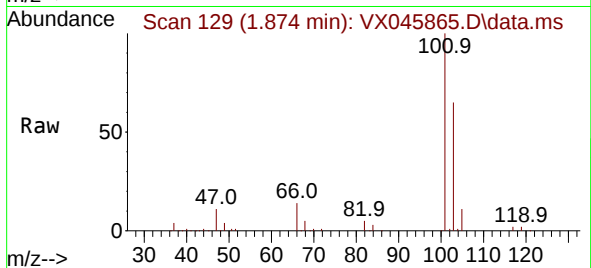
Tgt Ion: 64 Resp: 37028
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 48.623 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

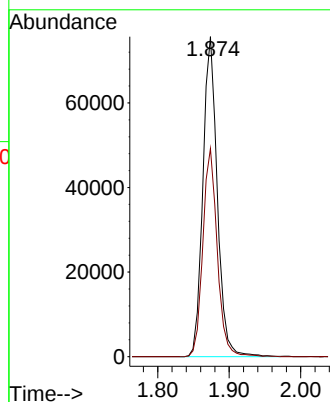
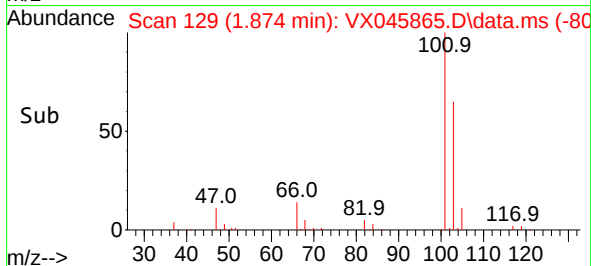
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 106400
Ion Ratio Lower Upper
101 100
103 65.1 51.1 76.7

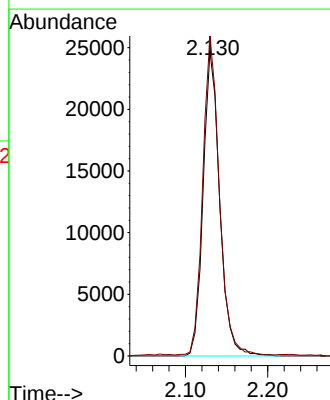
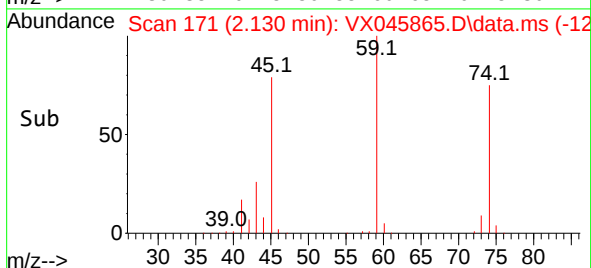
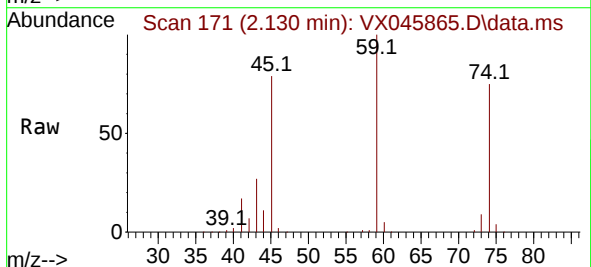
Manual Integrations
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#8
Diethyl Ether
Concen: 47.224 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 74 Resp: 34694
Ion Ratio Lower Upper
74 100
45 104.2 53.0 159.1





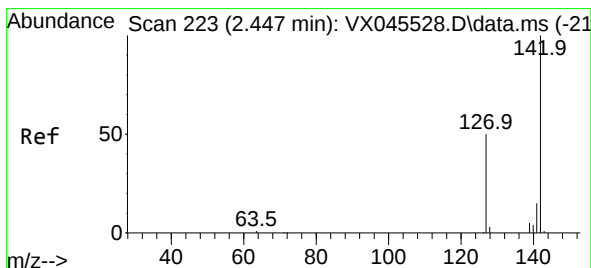
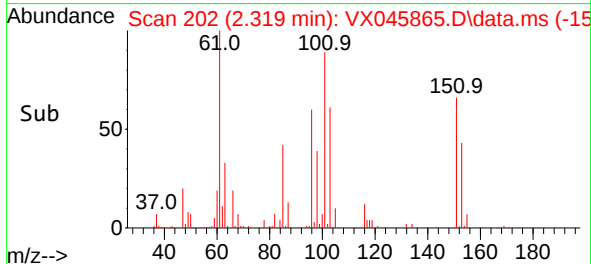
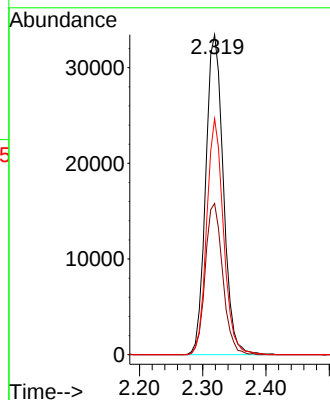
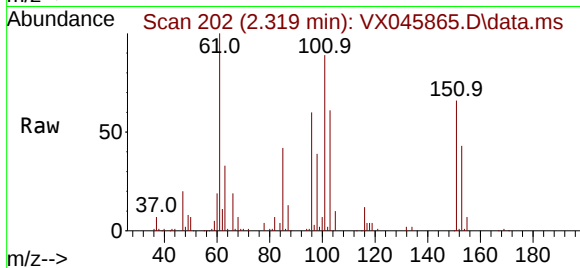
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.525 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6478
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 70.5 57.5 86.3

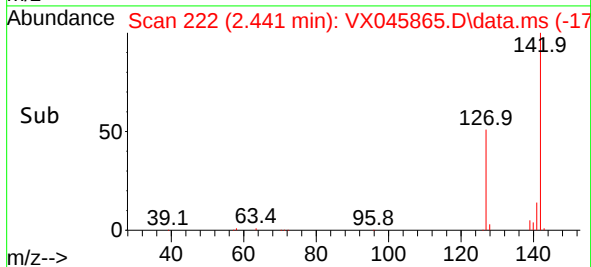
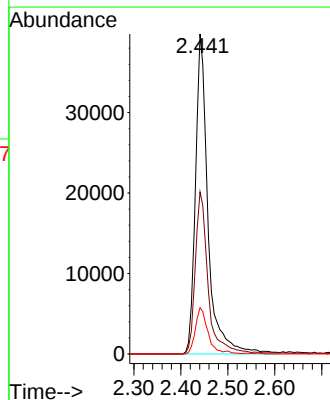
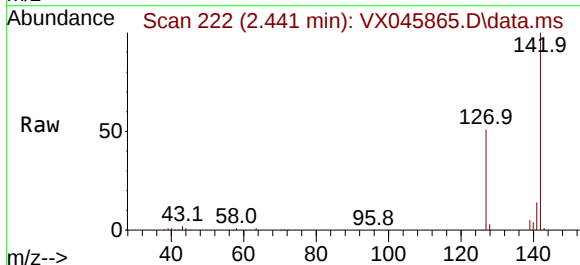
Manual Integrations
APPROVED

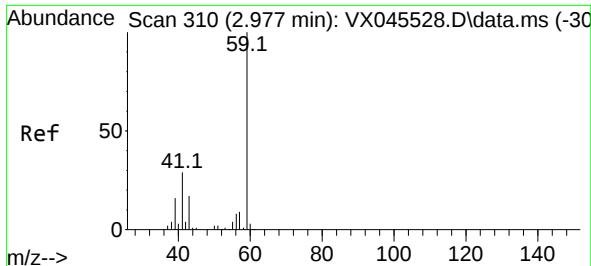
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#10
Methyl Iodide
Concen: 46.503 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:142 Resp: 74377
Ion Ratio Lower Upper
142 100
127 51.2 40.2 60.4
141 14.6 11.7 17.5





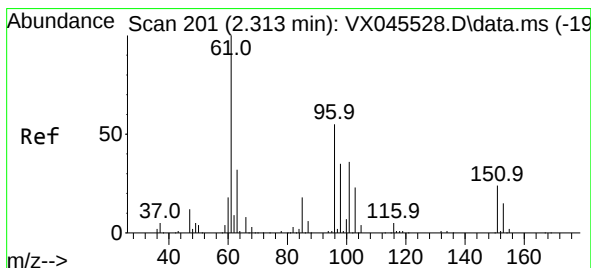
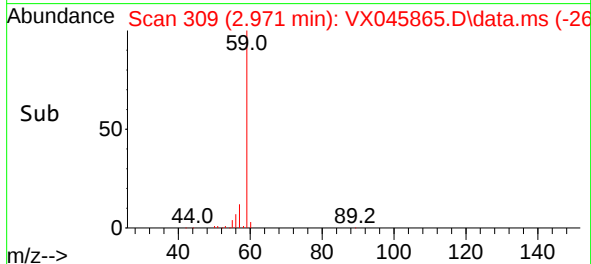
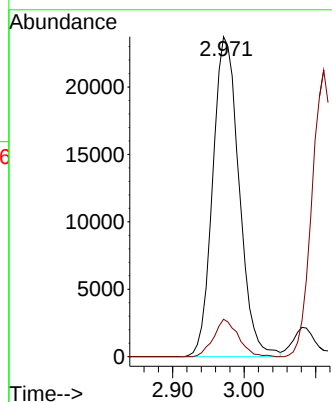
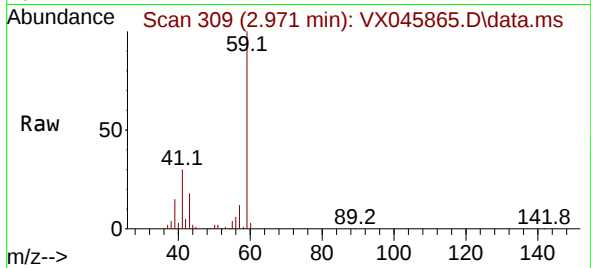
#11
Tert butyl alcohol
Concen: 236.720 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 60720
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

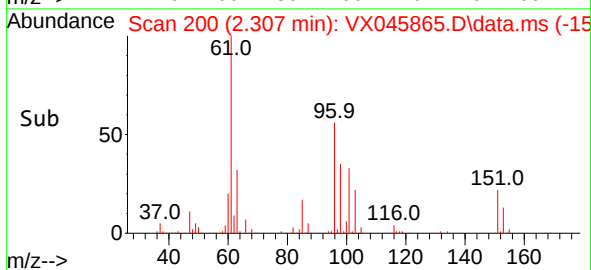
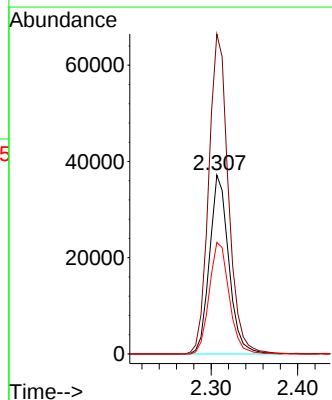
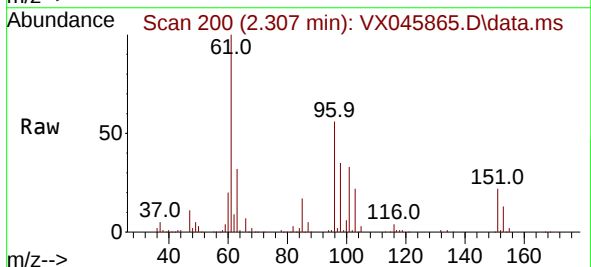
Manual Integrations
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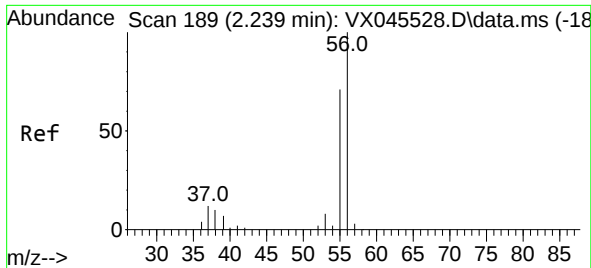
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#12
1,1-Dichloroethene
Concen: 45.850 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 96 Resp: 57448
Ion Ratio Lower Upper
96 100
61 178.9 145.7 218.5
98 62.3 51.6 77.4





#13

Acrolein

Concen: 104.550 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 36930

Ion Ratio Lower Upper

56 100

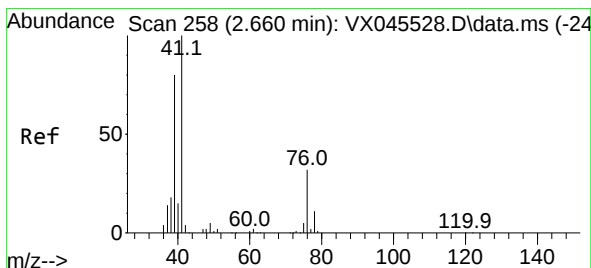
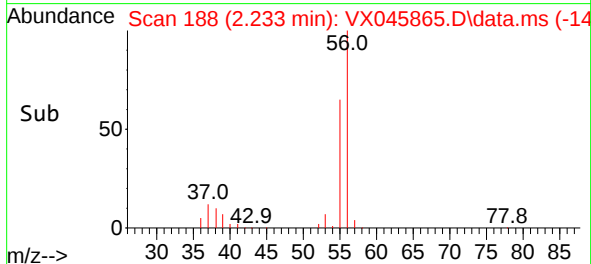
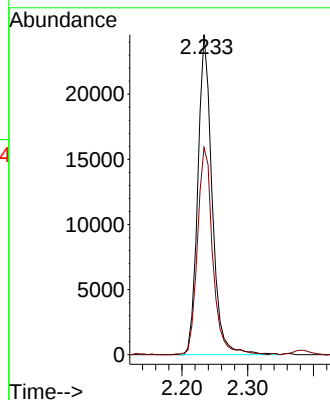
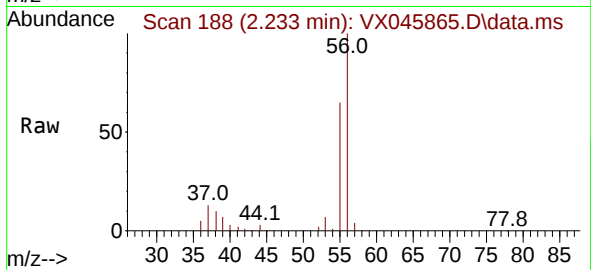
55 69.5 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#14

Allyl chloride

Concen: 48.350 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

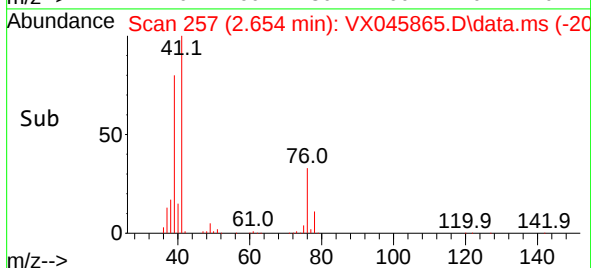
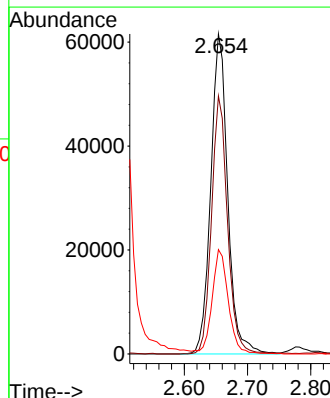
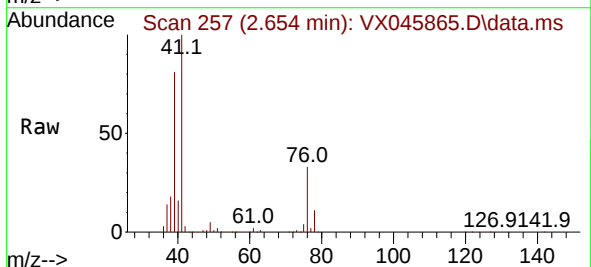
Tgt Ion: 41 Resp: 114945

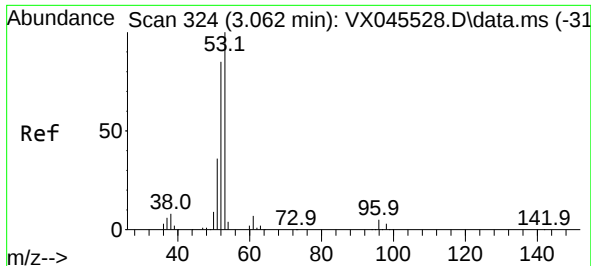
Ion Ratio Lower Upper

41 100

39 76.3 60.2 90.2

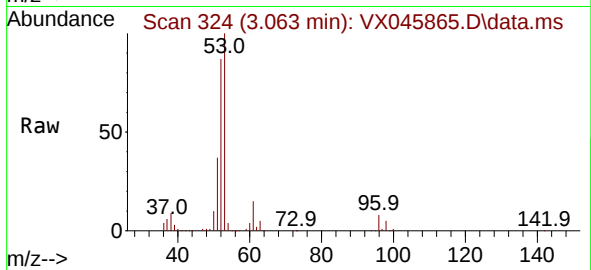
76 31.3 24.6 36.8





#15
Acrylonitrile
Concen: 226.258 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

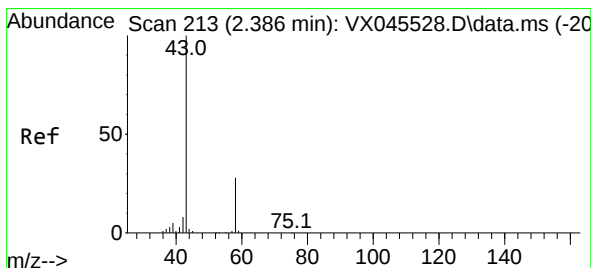
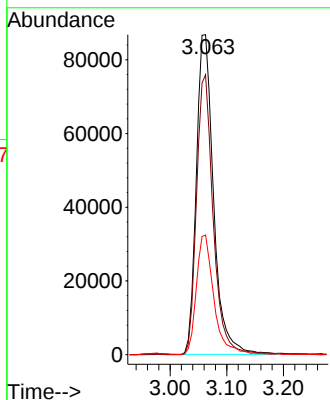
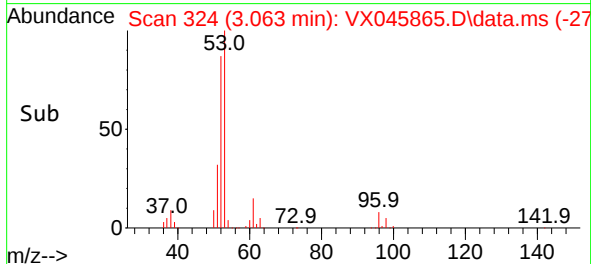
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



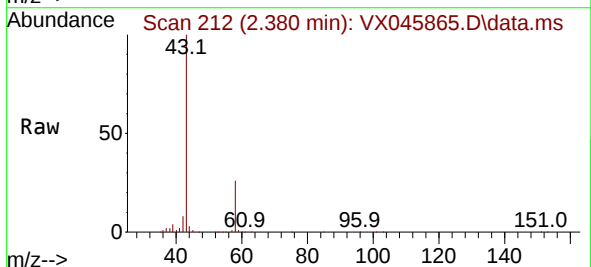
Tgt Ion: 53 Resp: 183200
Ion Ratio Lower Upper
53 100
52 85.1 67.4 101.2
51 38.2 29.9 44.9

Manual Integrations
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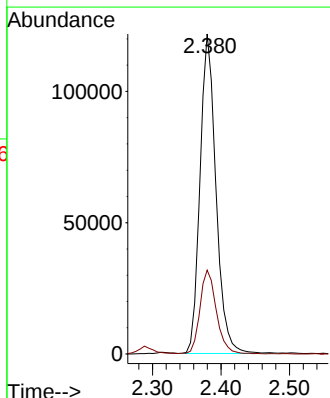
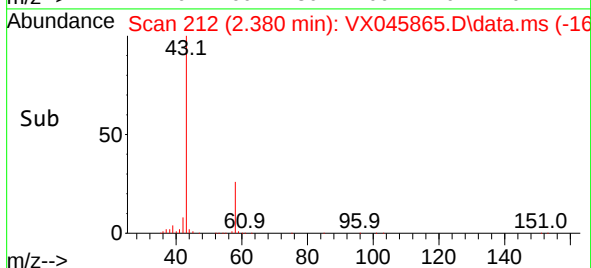
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

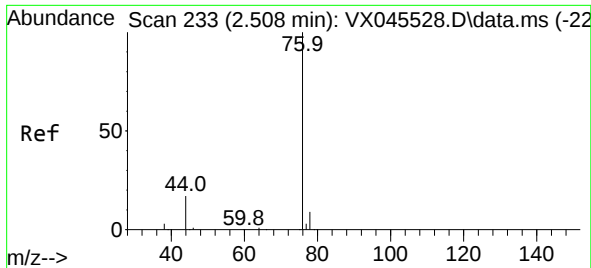


#16
Acetone
Concen: 251.446 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



Tgt Ion: 43 Resp: 197068
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5





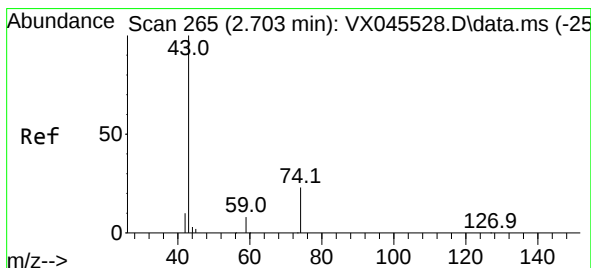
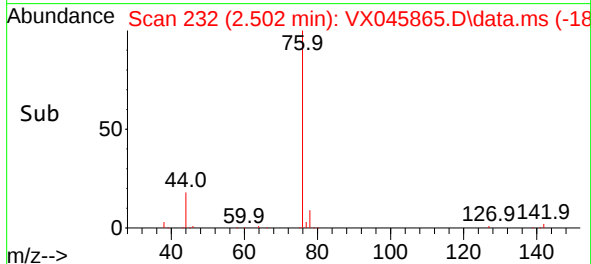
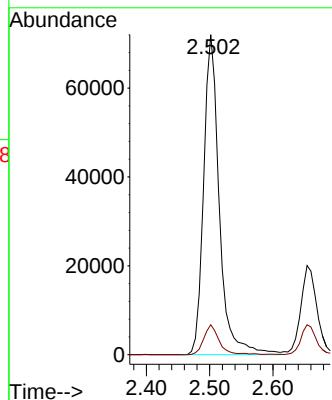
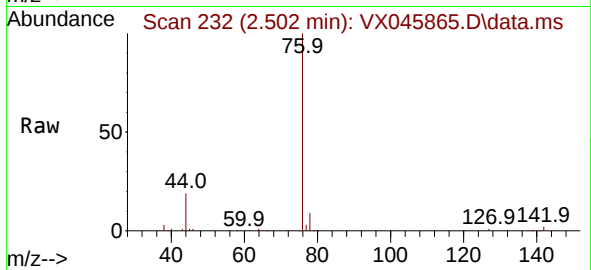
#17
Carbon Disulfide
Concen: 40.151 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12425
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

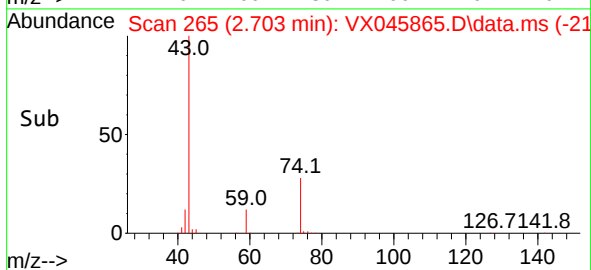
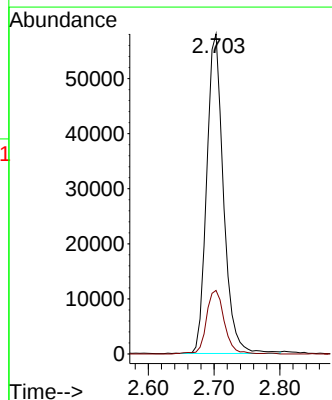
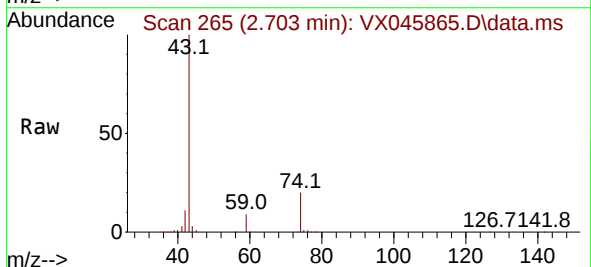
Manual Integrations
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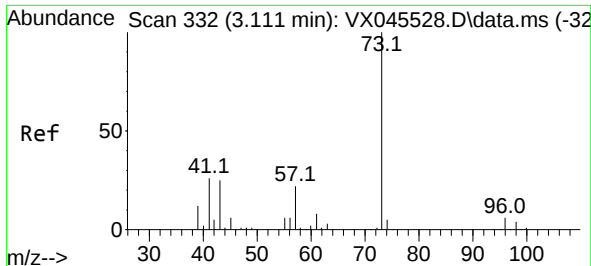
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#18
Methyl Acetate
Concen: 56.938 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 43 Resp: 102743
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3





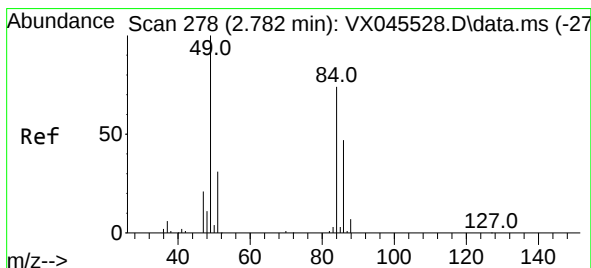
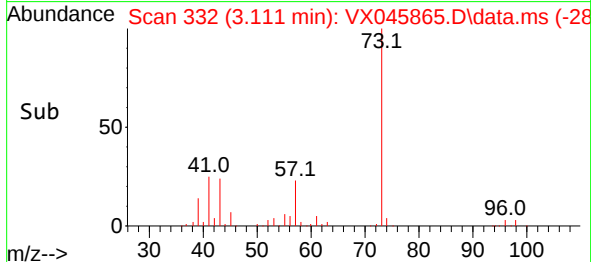
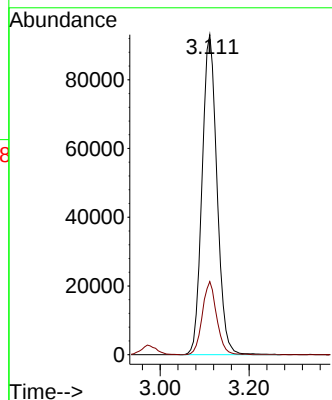
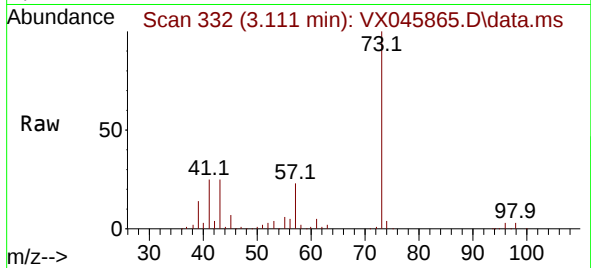
#19
Methyl tert-butyl Ether
Concen: 49.635 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 217550
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

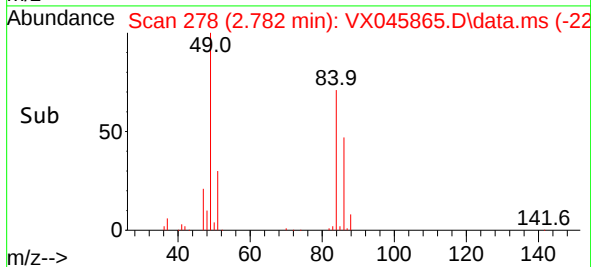
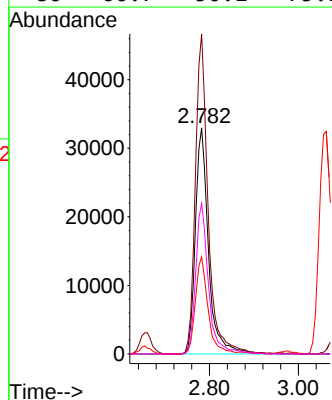
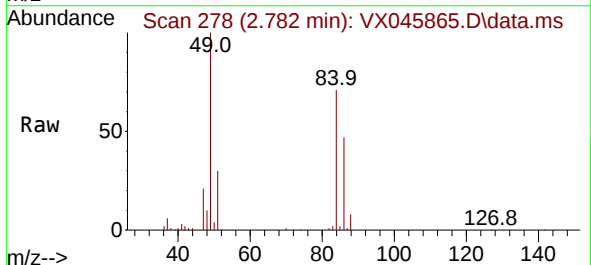
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#20
Methylene Chloride
Concen: 45.984 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

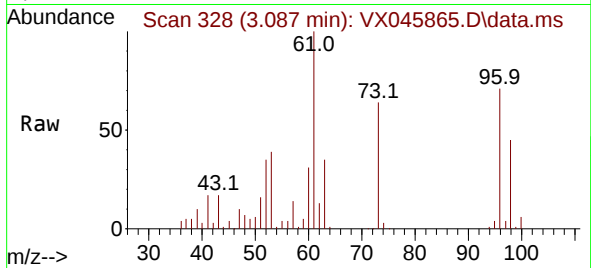
Tgt Ion: 84 Resp: 67471
Ion Ratio Lower Upper
84 100
49 141.5 107.5 161.3
51 42.9 33.0 49.6
86 66.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 44.176 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

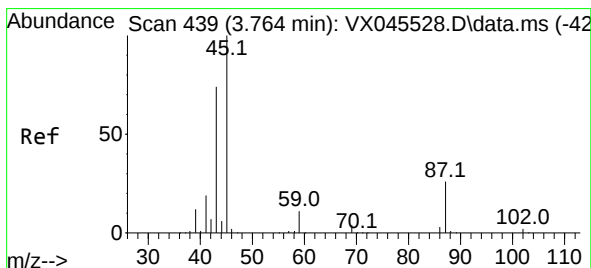
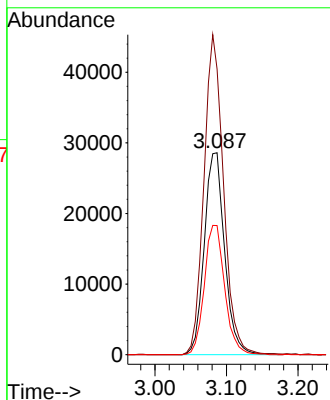
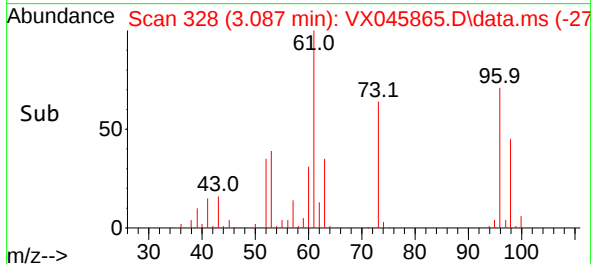
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



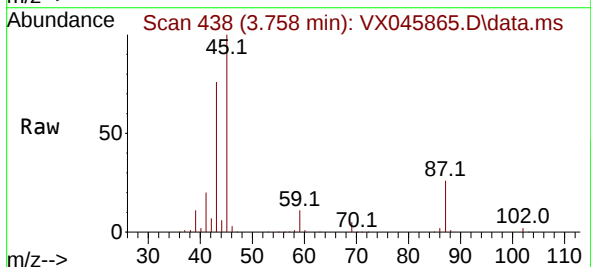
Tgt Ion: 96 Resp: 56548
Ion Ratio Lower Upper
96 100
61 141.4 121.0 181.6
98 63.9 49.7 74.5

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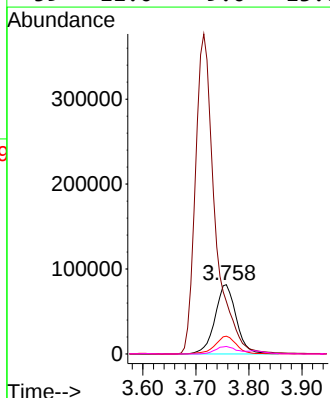
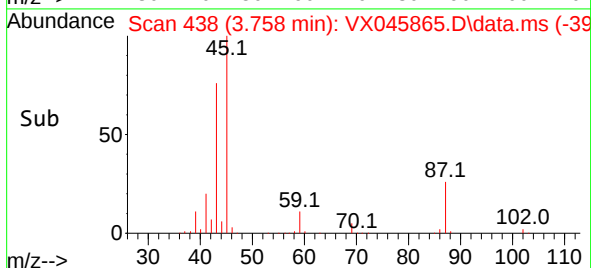
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

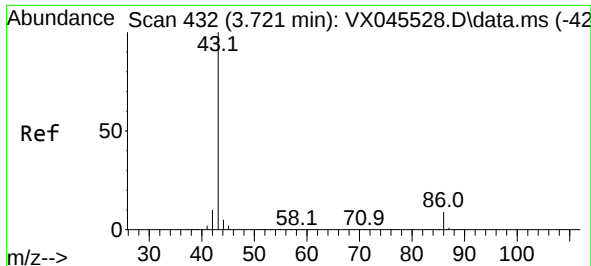


#22
Diisopropyl ether
Concen: 48.469 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



Tgt Ion: 45 Resp: 226979
Ion Ratio Lower Upper
45 100
43 75.6 59.3 88.9
87 25.7 20.4 30.6
59 11.0 9.0 13.6





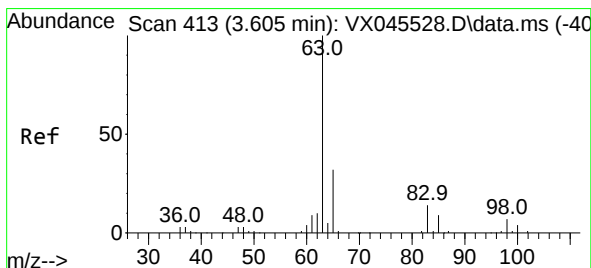
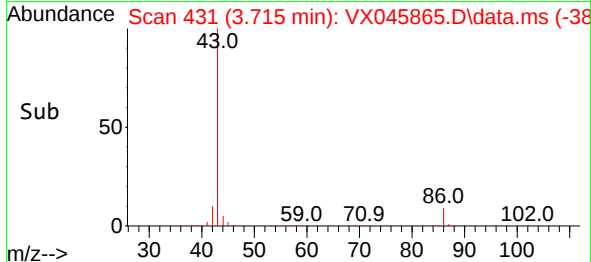
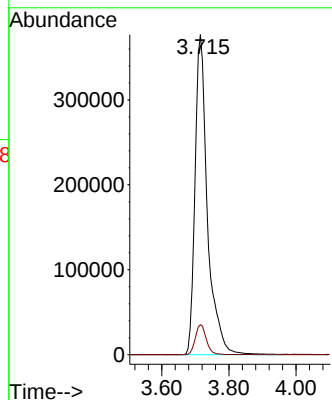
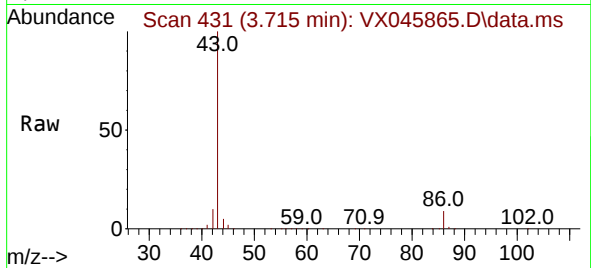
#23
 Vinyl Acetate
 Concen: 239.124 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 967508
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

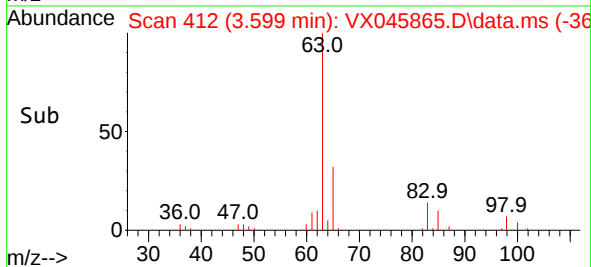
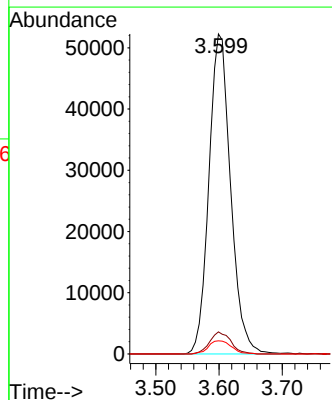
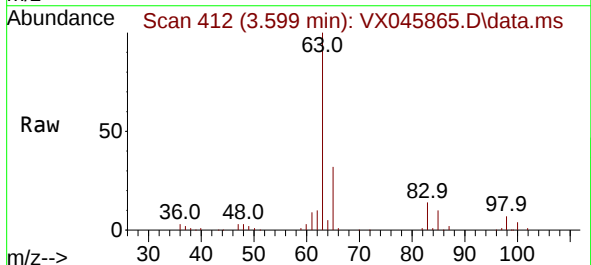
Manual Integrations
 APPROVED

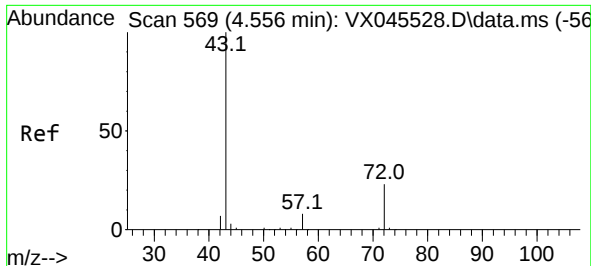
Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#24
 1,1-Dichloroethane
 Concen: 47.010 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

Tgt Ion: 63 Resp: 124502
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.1 2.2 6.6





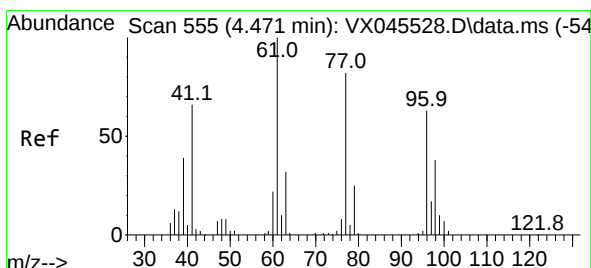
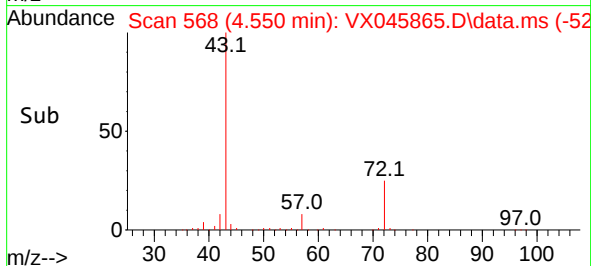
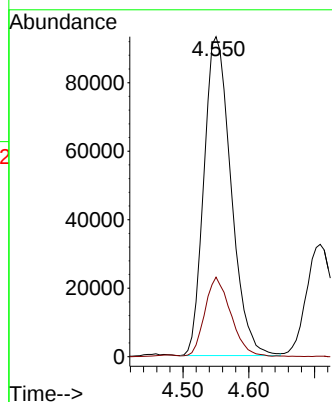
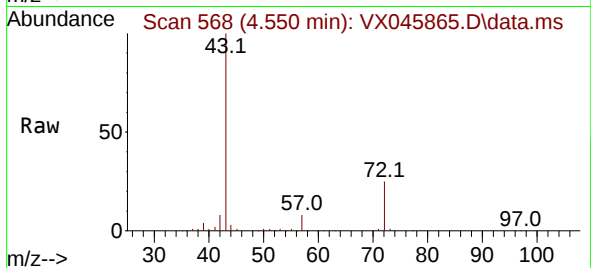
#25
2-Butanone
Concen: 233.174 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 267500
Ion Ratio Lower Upper
43 100
72 24.7 18.6 28.0

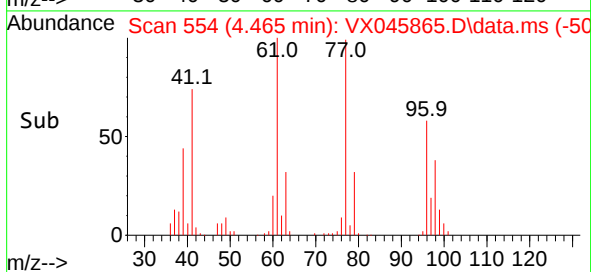
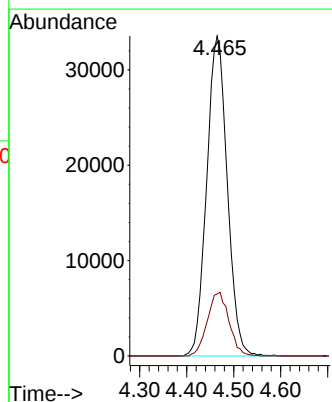
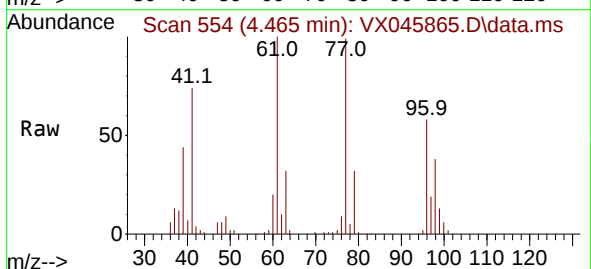
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#26
2,2-Dichloropropane
Concen: 59.578 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

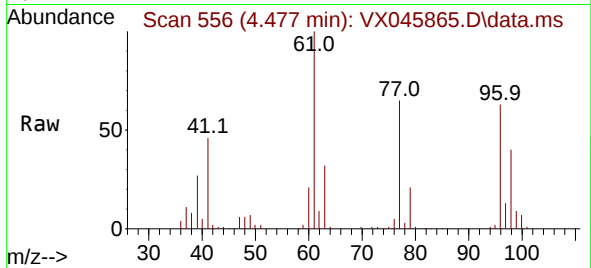
Tgt Ion: 77 Resp: 101945
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.584 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

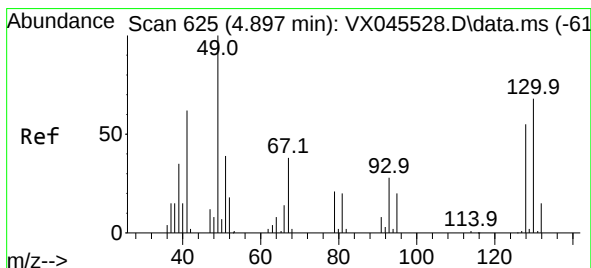
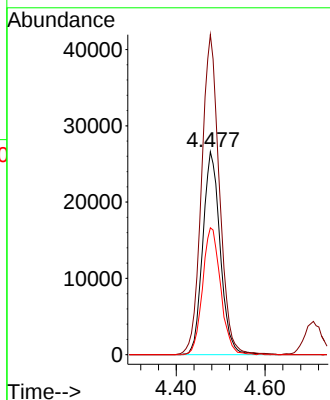
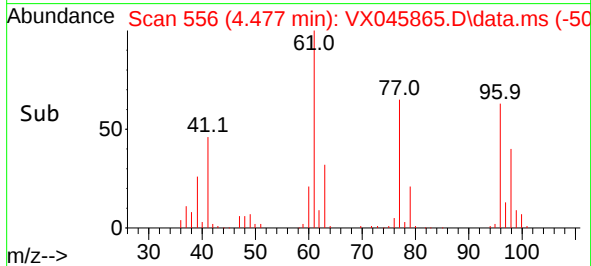
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 72648
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 313.2
 98 64.6 0.0 126.4

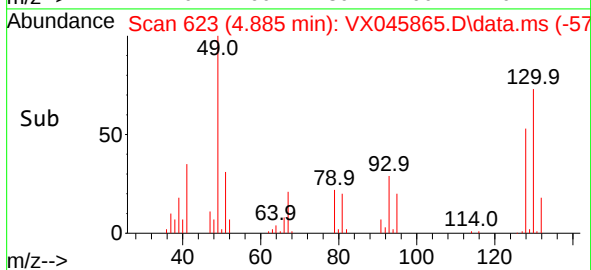
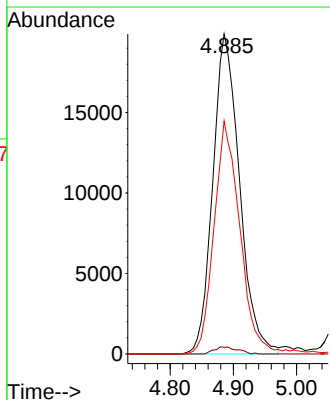
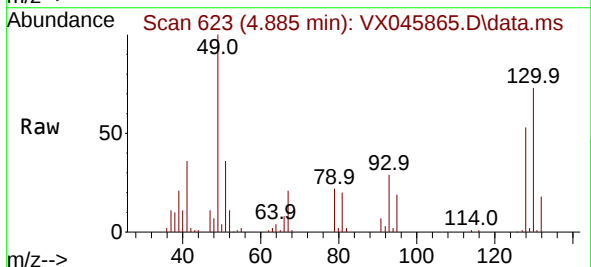
Manual Integrations
 APPROVED

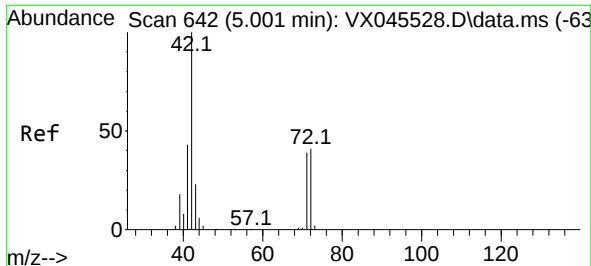
Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#28
 Bromochloromethane
 Concen: 45.625 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

Tgt Ion: 49 Resp: 58392
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 69.9 54.6 81.8





#29

Tetrahydrofuran

Concen: 218.830 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 162764

Ion Ratio Lower Upper

42 100

72 41.6 33.4 50.0

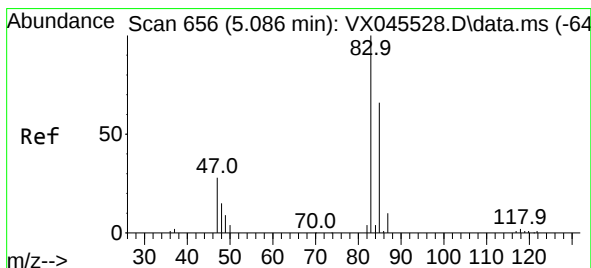
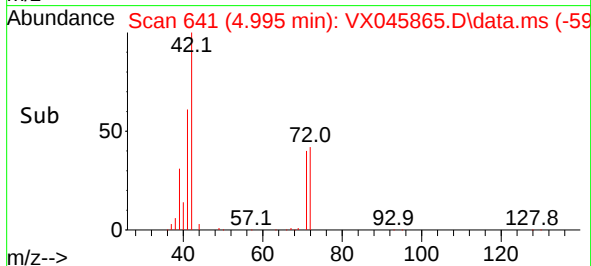
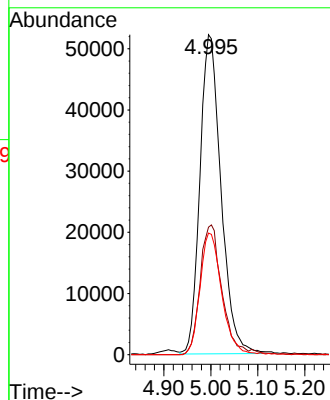
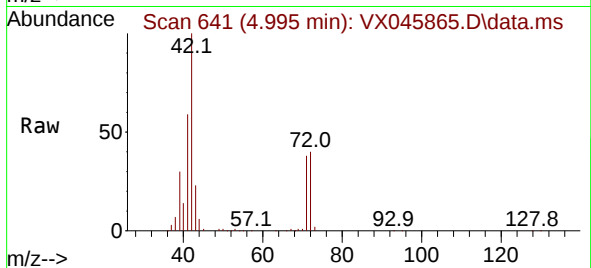
71 38.9 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#30

Chloroform

Concen: 48.034 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045865.D

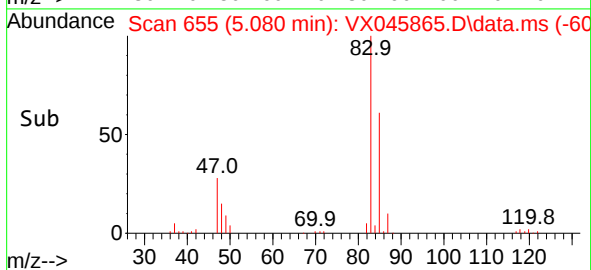
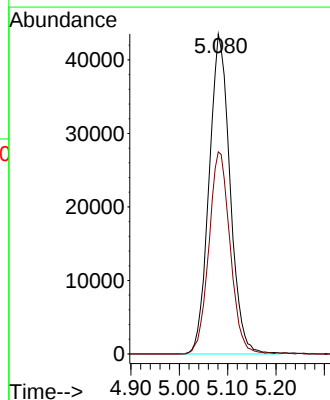
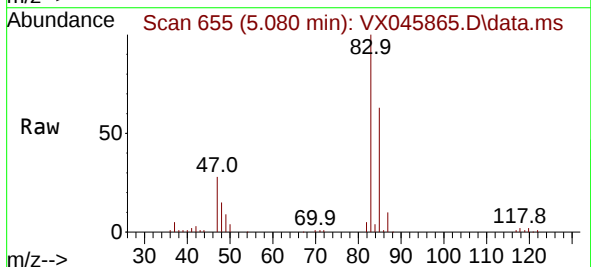
Acq: 21 Apr 2025 08:55

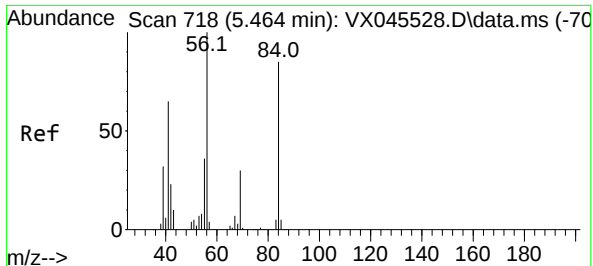
Tgt Ion: 83 Resp: 130898

Ion Ratio Lower Upper

83 100

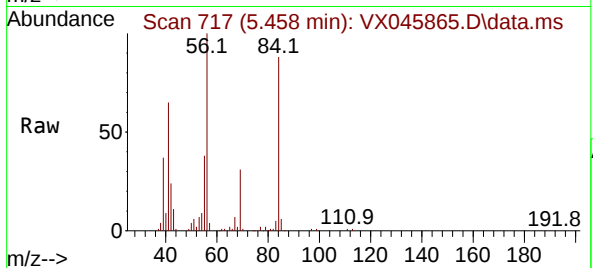
85 63.2 52.8 79.2





#31
Cyclohexane
Concen: 43.379 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

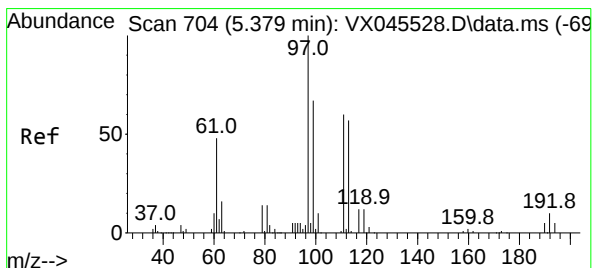
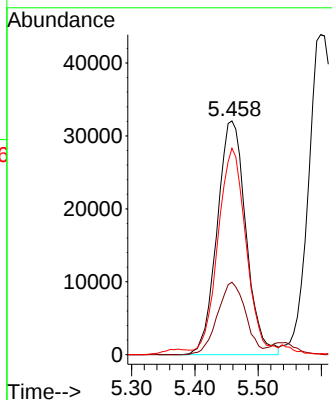
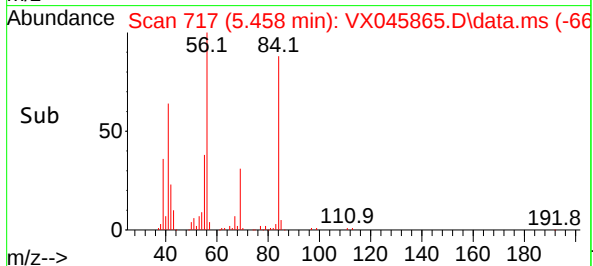
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



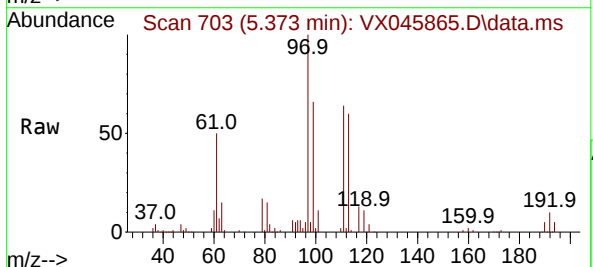
Tgt Ion: 56 Resp: 10156
Ion Ratio Lower Upper
56 100
69 31.0 23.6 35.4
84 85.9 67.7 101.5

Manual Integrations
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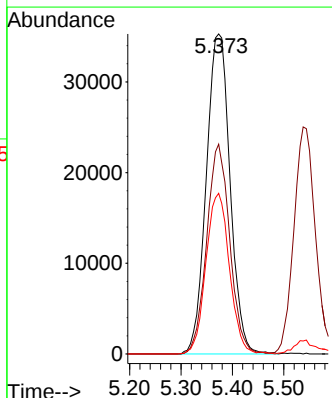
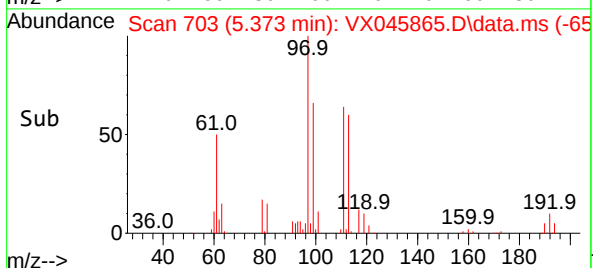
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

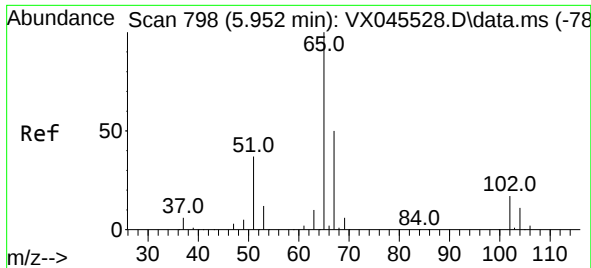


#32
1,1,1-Trichloroethane
Concen: 49.232 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



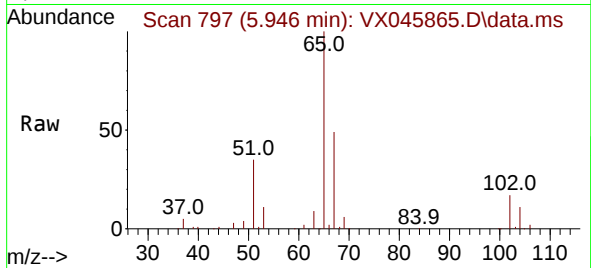
Tgt Ion: 97 Resp: 113524
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 49.7 41.0 61.4





#33
 1,2-Dichloroethane-d4
 Concen: 48.317 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

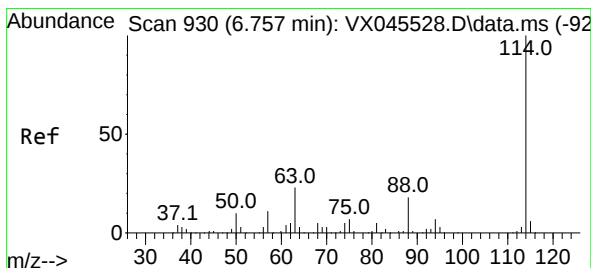
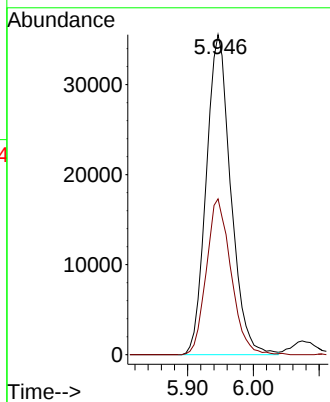
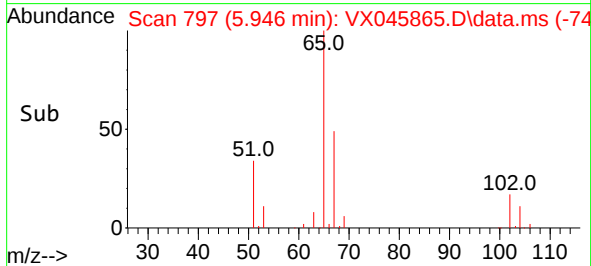
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



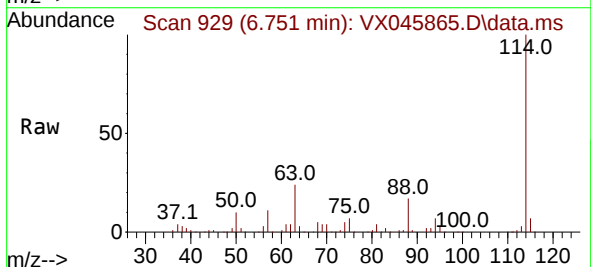
Tgt Ion: 65 Resp: 92220
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0

Manual Integrations
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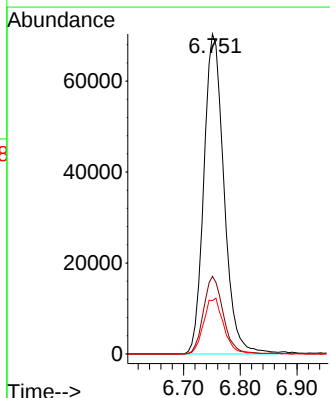
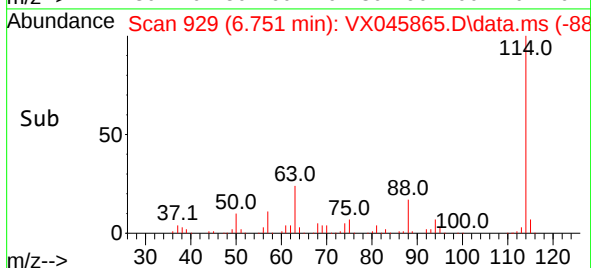
Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55



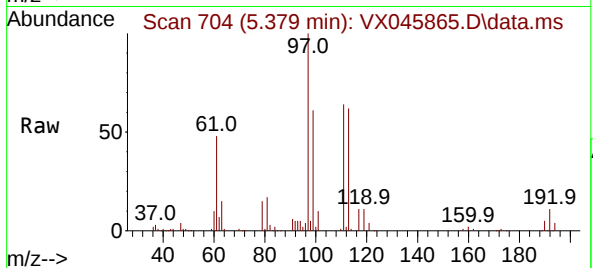
Tgt Ion:114 Resp: 173438
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.8
 88 16.7 0.0 35.4





#35
Dibromofluoromethane
Concen: 53.151 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

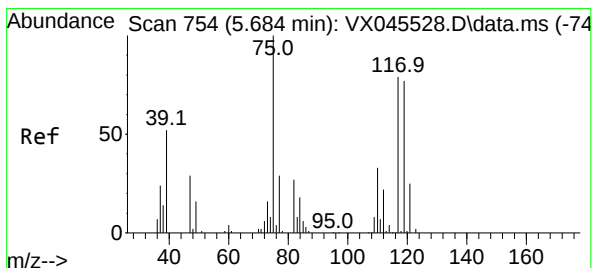
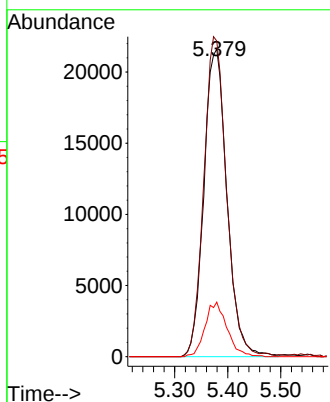
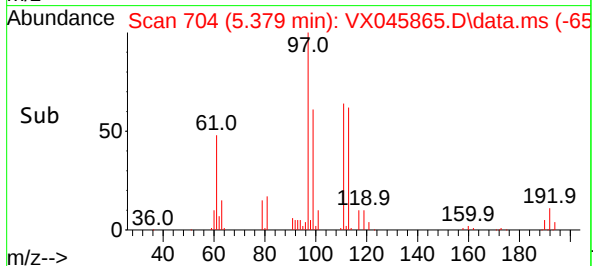
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6540
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.9 13.8 20.6

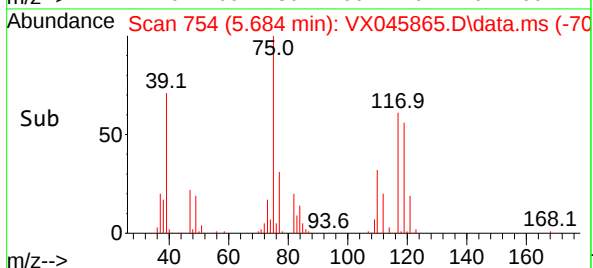
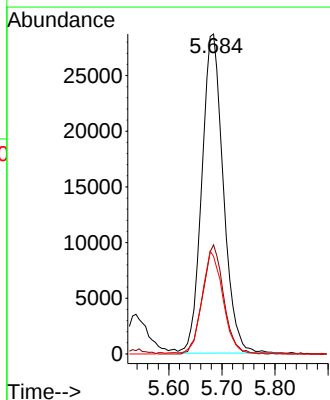
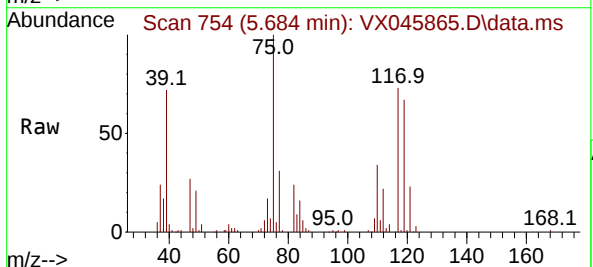
Manual Integrations
APPROVED

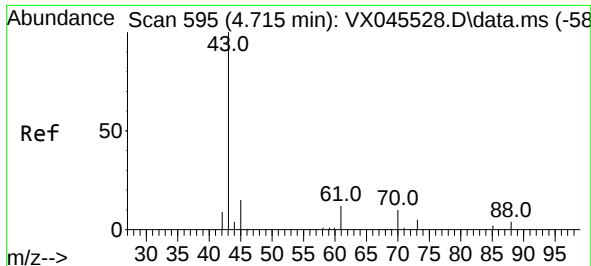
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#36
1,1-Dichloropropene
Concen: 48.484 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 75 Resp: 80555
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.6
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 47.293 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

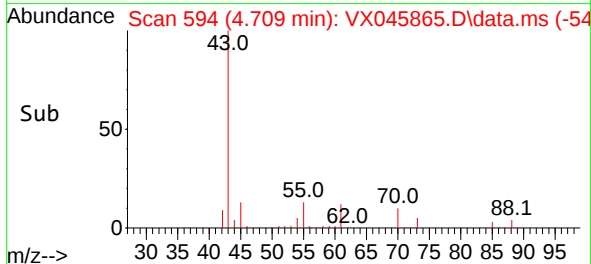
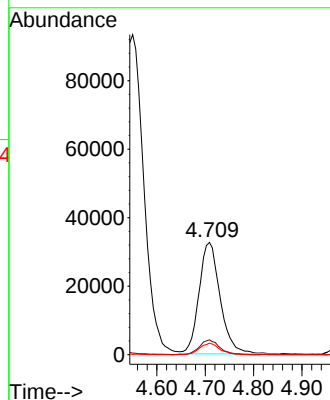
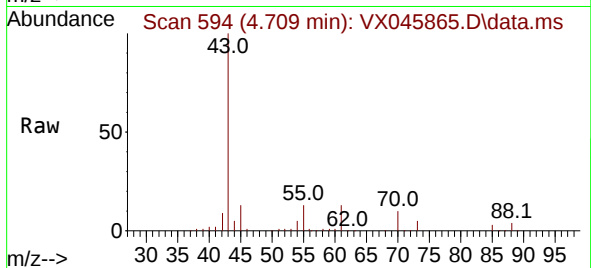
Tgt Ion:	43	Resp:	9902
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	9.7	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#38

Carbon Tetrachloride

Concen: 53.530 ug/l

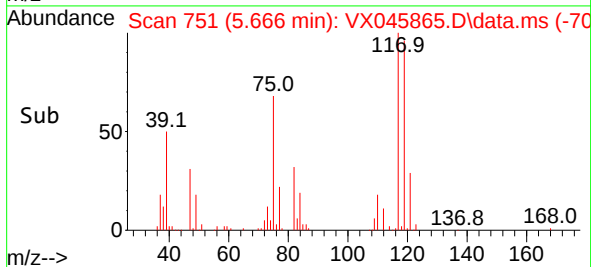
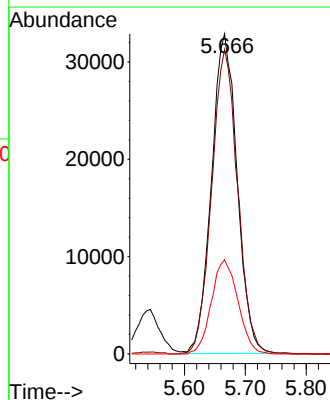
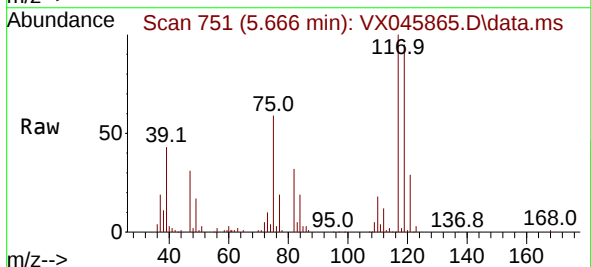
RT: 5.666 min Scan# 751

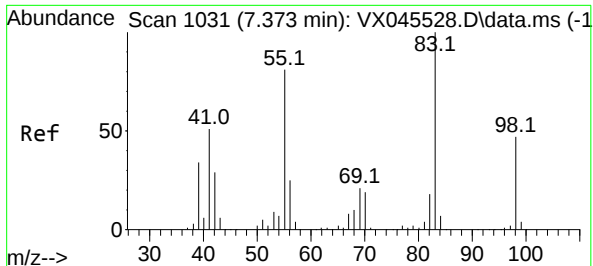
Delta R.T. -0.006 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Tgt Ion:	117	Resp:	96121
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.9	115.3
121	29.5	24.2	36.2





#39

Methylcyclohexane

Concen: 50.194 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 102228

Ion Ratio Lower Upper

83 100

55 80.4 64.9 97.3

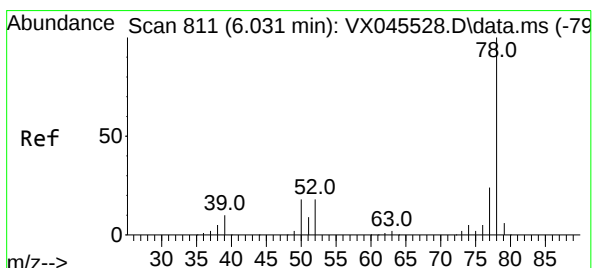
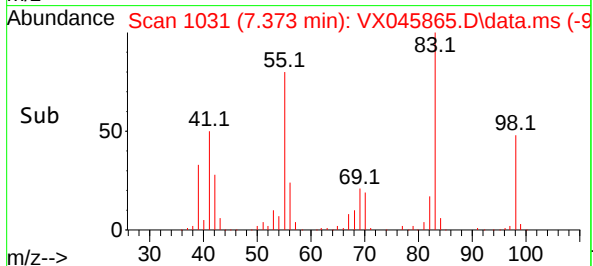
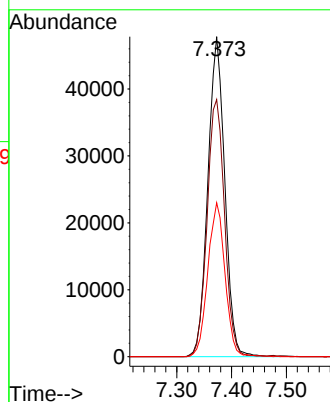
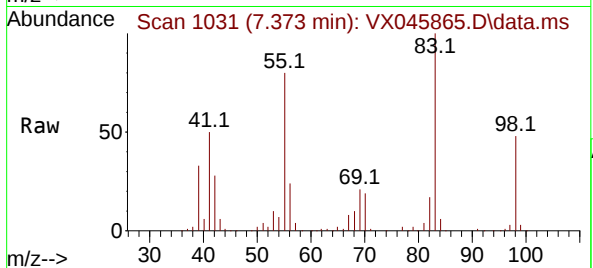
98 48.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#40

Benzene

Concen: 48.251 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045865.D

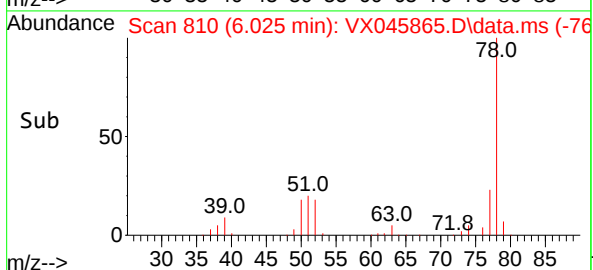
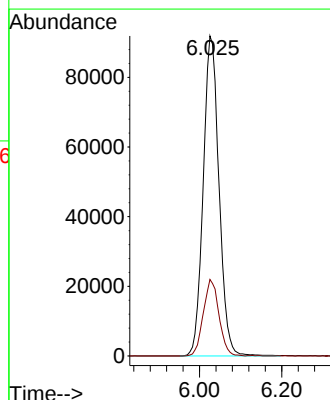
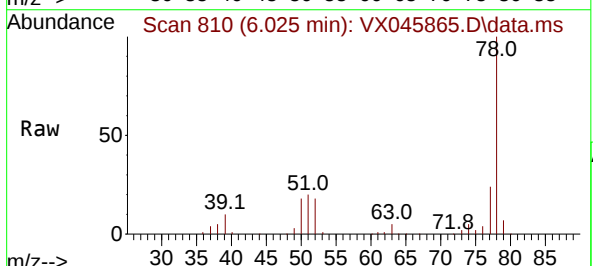
Acq: 21 Apr 2025 08:55

Tgt Ion: 78 Resp: 244843

Ion Ratio Lower Upper

78 100

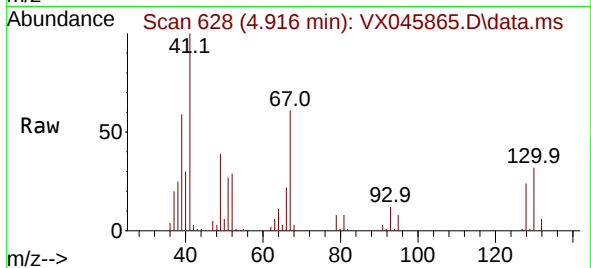
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 52.120 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

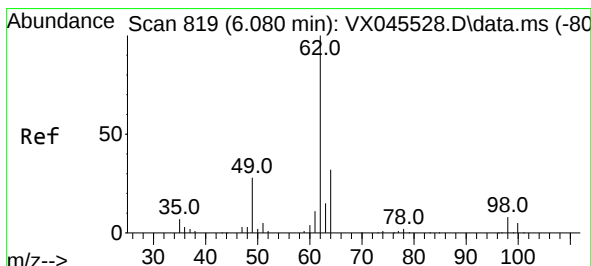
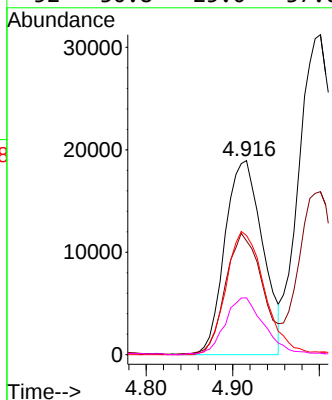
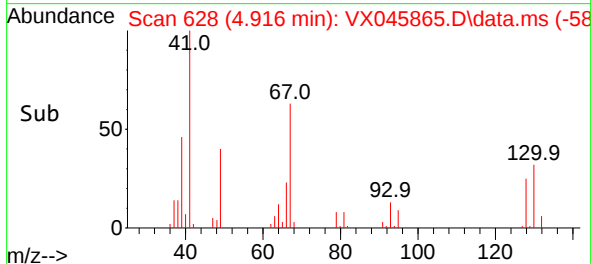
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 57580
Ion Ratio Lower Upper
41 100
39 60.9 47.0 70.6
67 65.6 53.2 79.8
52 30.8 25.0 37.6

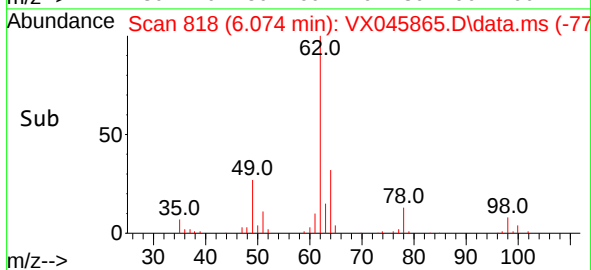
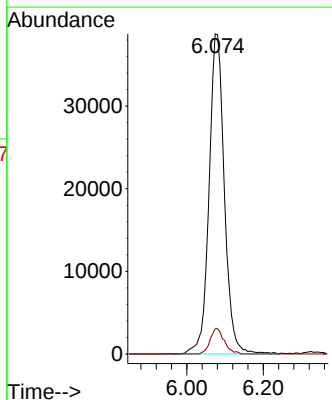
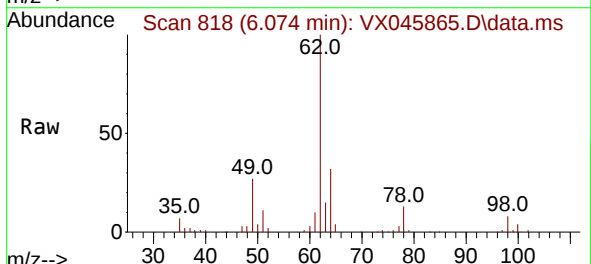
Manual Integrations
APPROVED

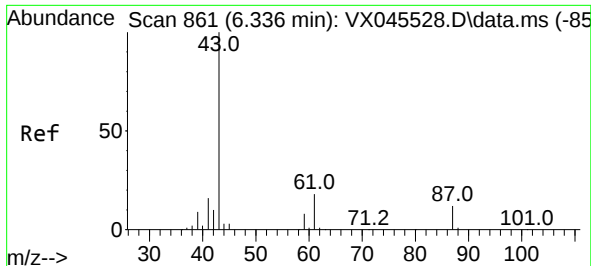
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#42
1,2-Dichloroethane
Concen: 51.337 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

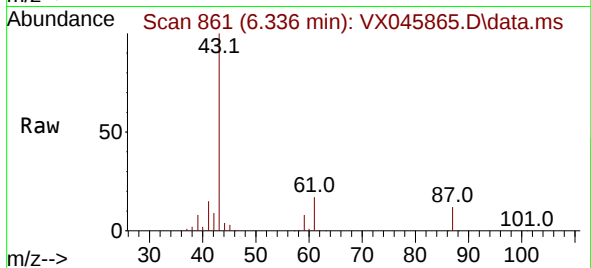
Tgt Ion: 62 Resp: 107593
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43
Isopropyl Acetate
Concen: 51.724 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

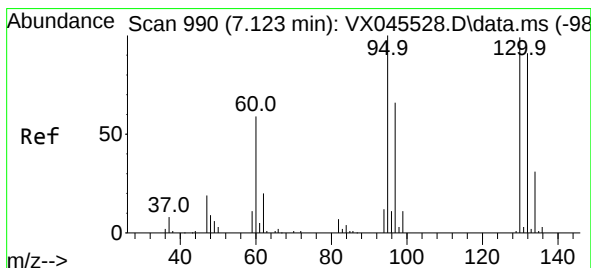
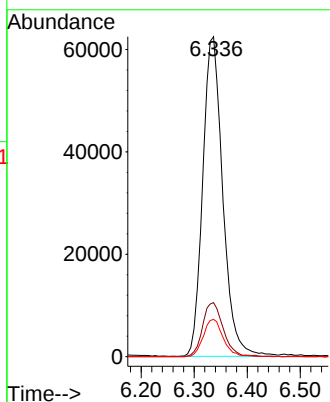
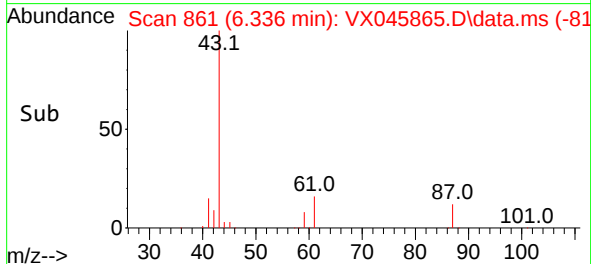
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16414
Ion Ratio Lower Upper
43 100
61 17.4 14.1 21.1
87 11.6 9.2 13.8

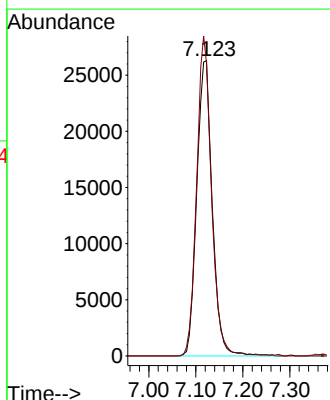
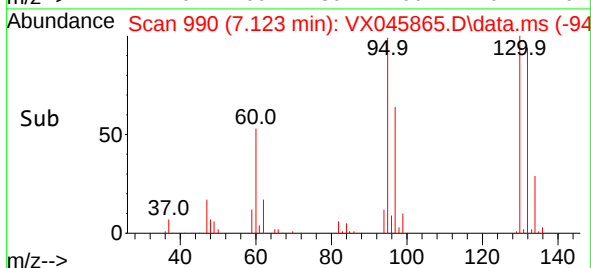
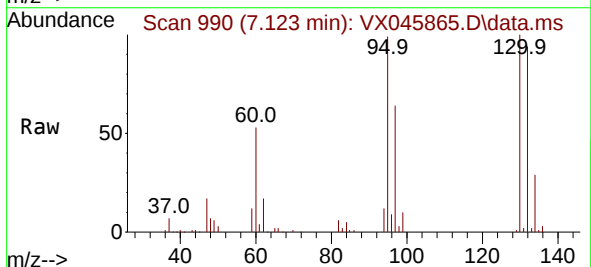
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#44
Trichloroethene
Concen: 50.012 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:130 Resp: 60319
Ion Ratio Lower Upper
130 100
95 99.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 50.078 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6340

Ion Ratio Lower Upper

63 100

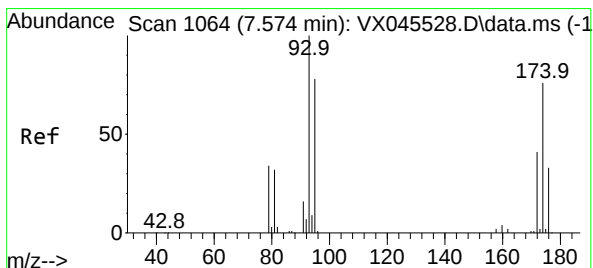
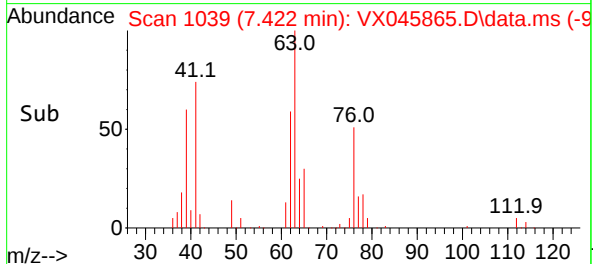
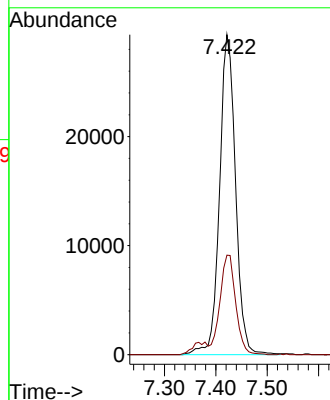
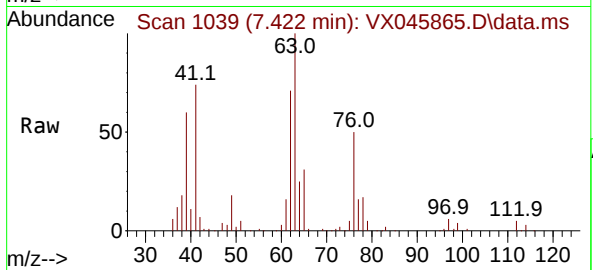
65 31.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#46

Dibromomethane

Concen: 50.420 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

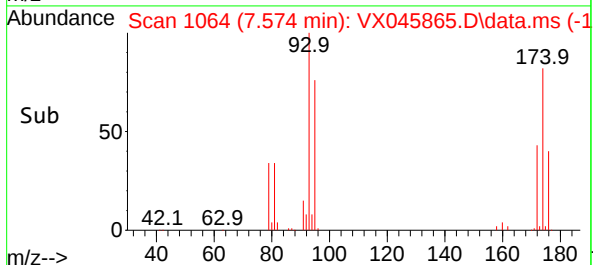
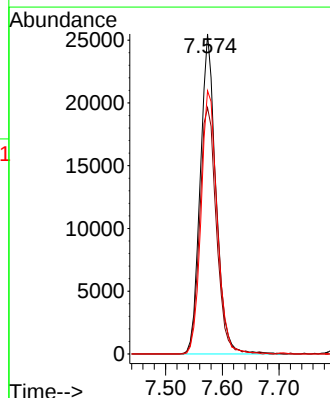
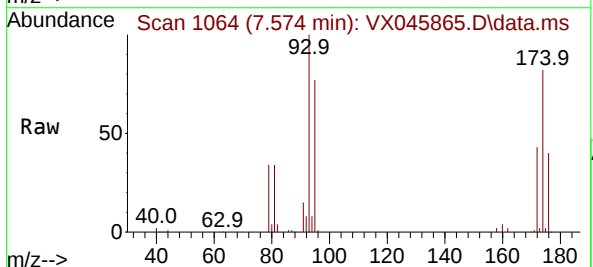
Tgt Ion: 93 Resp: 49004

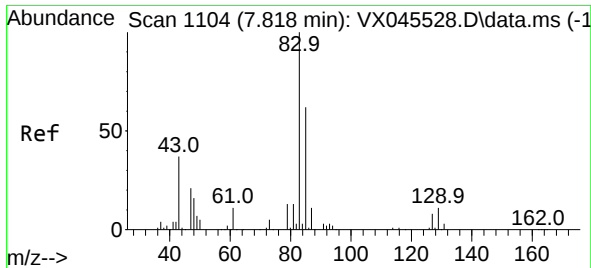
Ion Ratio Lower Upper

93 100

95 81.8 64.8 97.2

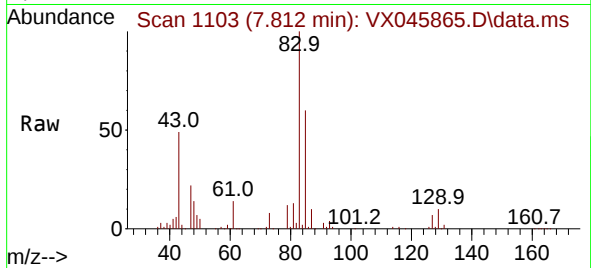
174 84.6 65.4 98.0





#47
Bromodichloromethane
Concen: 53.125 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

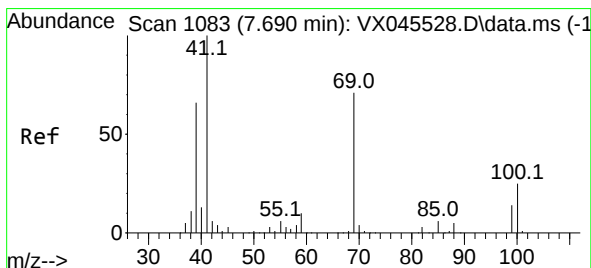
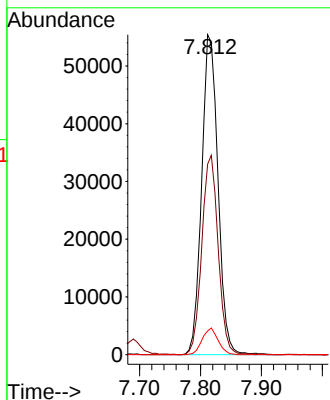
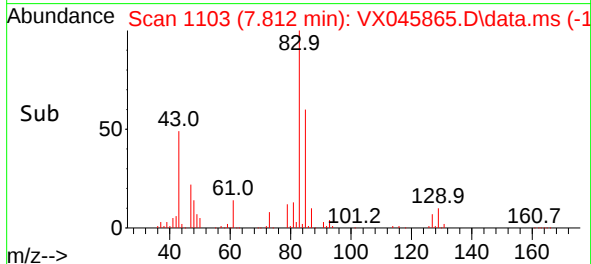
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10311
Ion Ratio Lower Upper
83 100
85 59.6 49.7 74.5
127 7.4 6.1 9.1

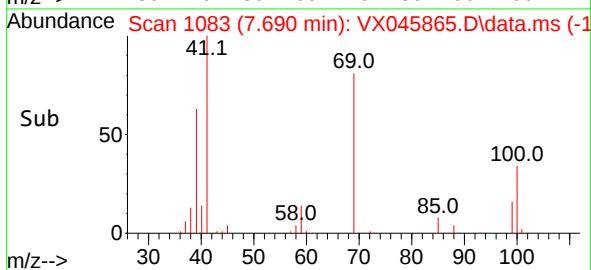
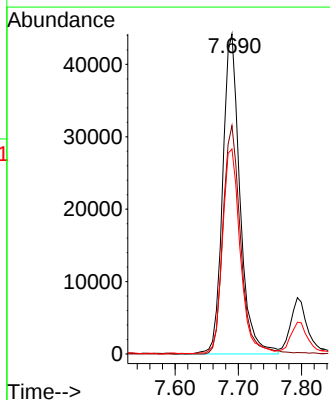
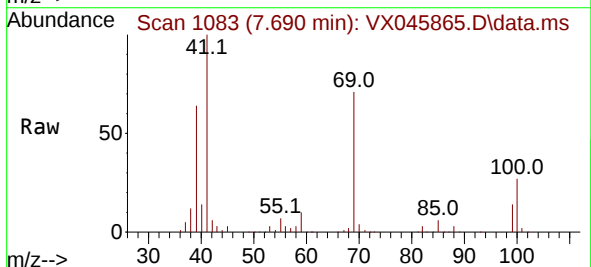
Manual Integrations
APPROVED

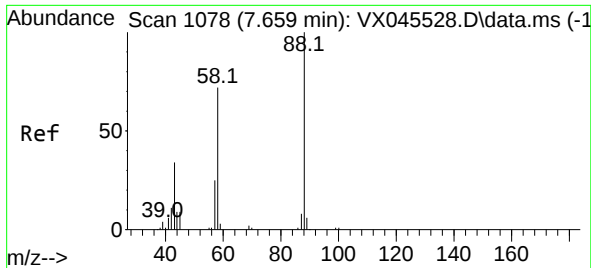
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#48
Methyl methacrylate
Concen: 51.089 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

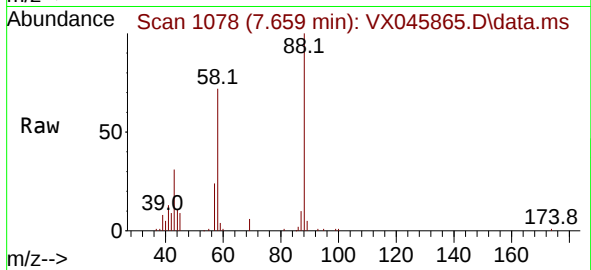
Tgt Ion: 41 Resp: 83710
Ion Ratio Lower Upper
41 100
69 73.1 58.2 87.2
39 65.7 53.6 80.4





#49
1,4-Dioxane
Concen: 959.860 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

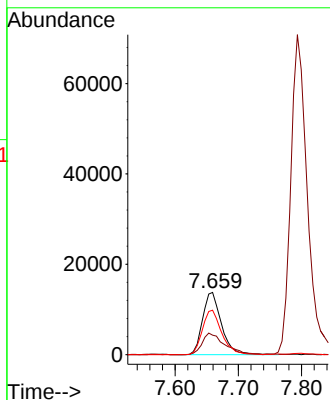
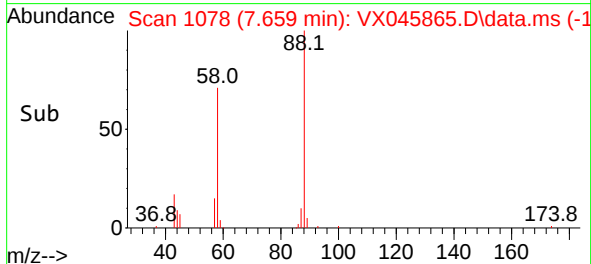
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



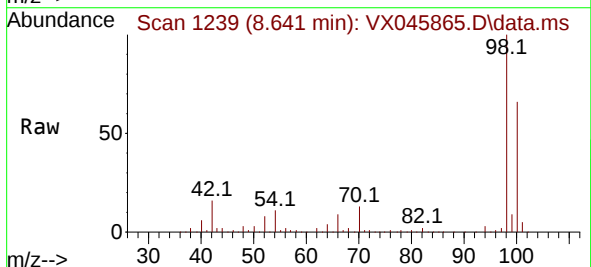
Tgt Ion: 88 Resp: 2845
Ion Ratio Lower Upper
88 100
43 41.6 32.2 48.4
58 73.3 58.6 88.0

Manual Integrations
APPROVED

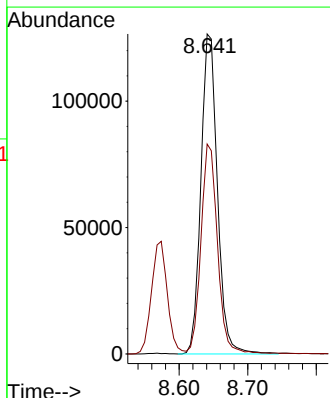
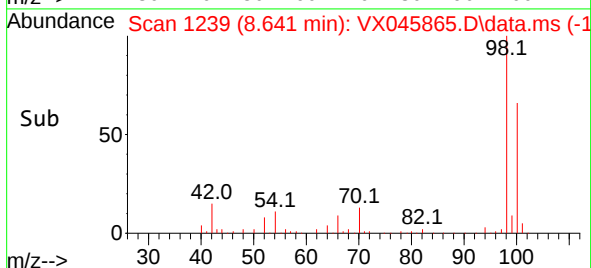
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

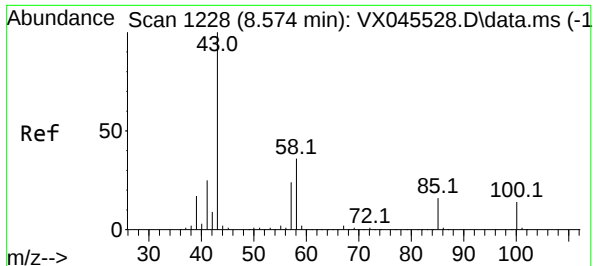


#50
Toluene-d8
Concen: 49.480 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



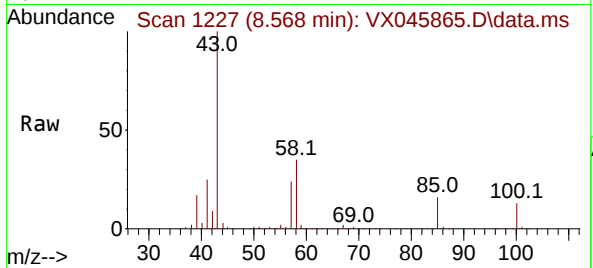
Tgt Ion: 98 Resp: 212520
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 251.118 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

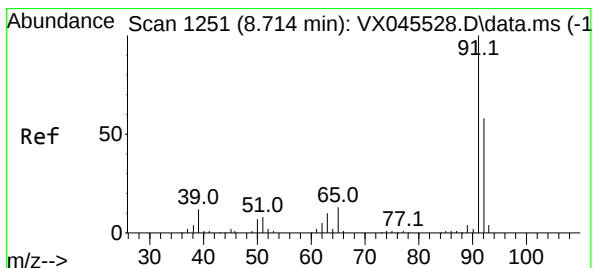
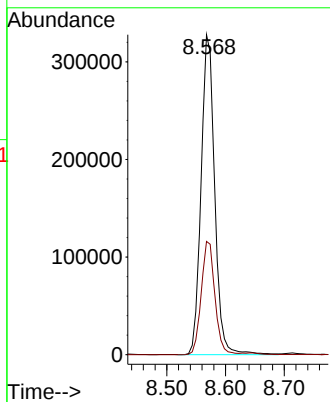
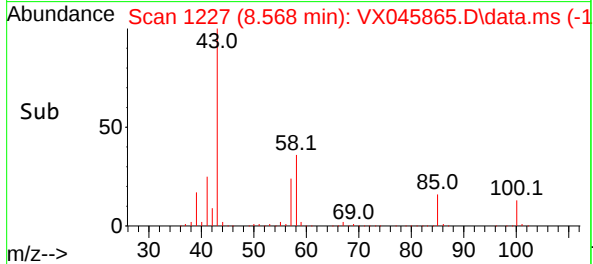
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 528280
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

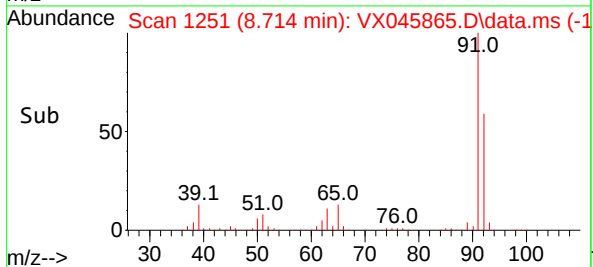
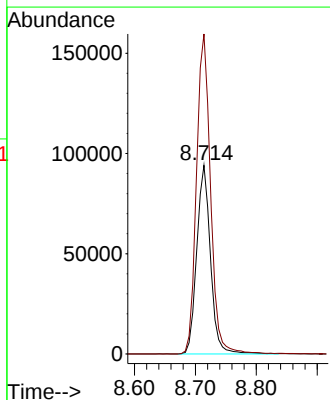
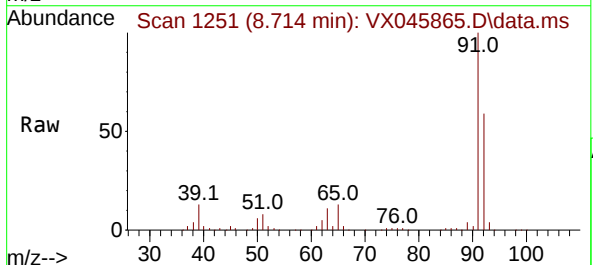
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#52
Toluene
Concen: 48.052 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 92 Resp: 147542
Ion Ratio Lower Upper
92 100
91 173.5 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 49.598 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

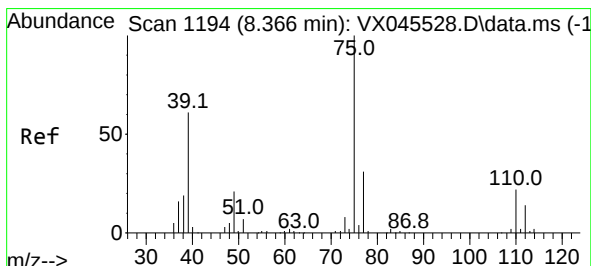
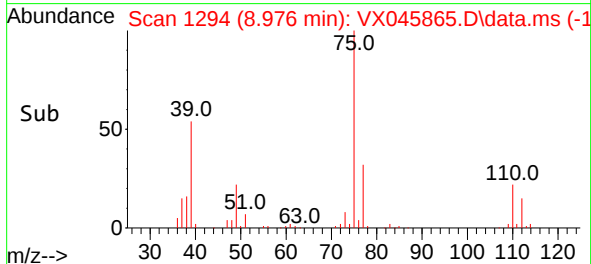
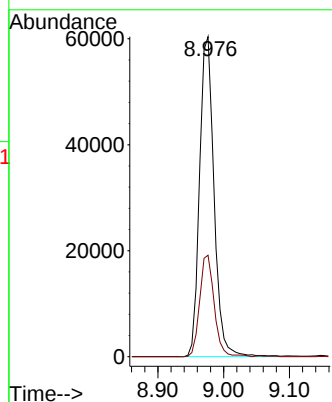
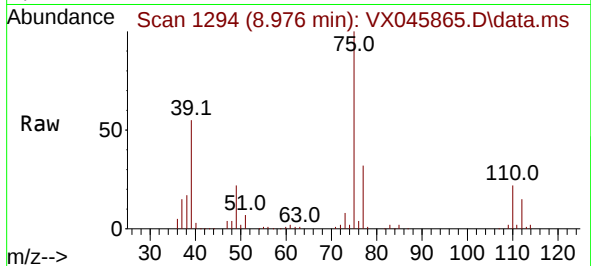
VSTDCCC050

Tgt Ion: 75 Resp: 92540
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

Manual Integrations

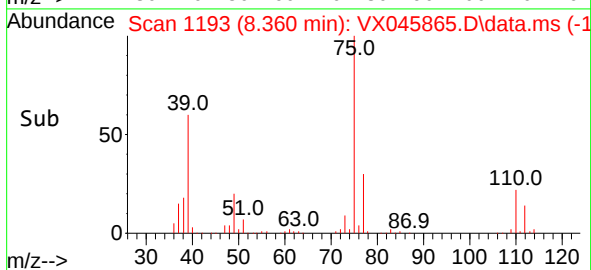
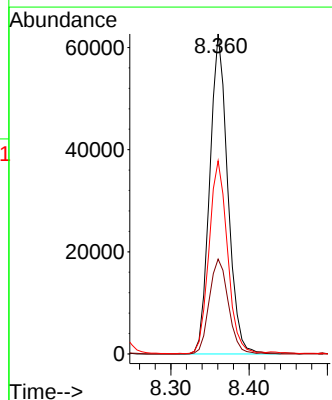
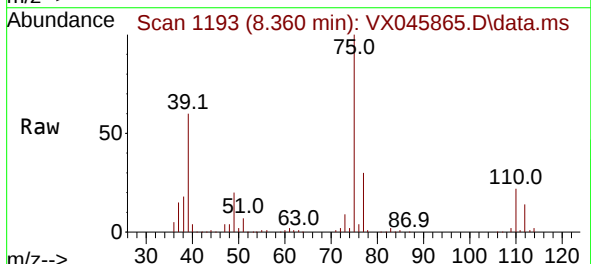
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#54
cis-1,3-Dichloropropene
Concen: 54.793 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

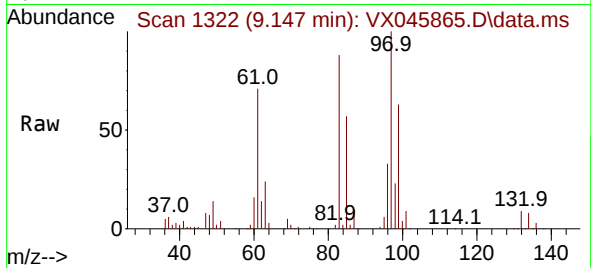
Tgt Ion: 75 Resp: 99941
Ion Ratio Lower Upper
75 100
77 29.7 24.6 36.8
39 60.1 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 50.081 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

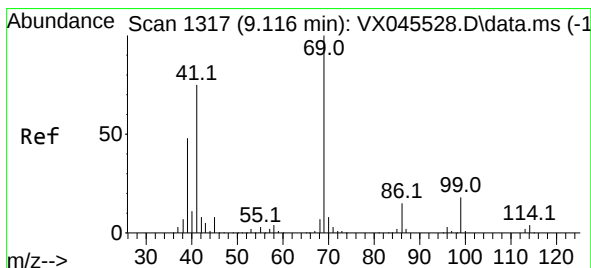
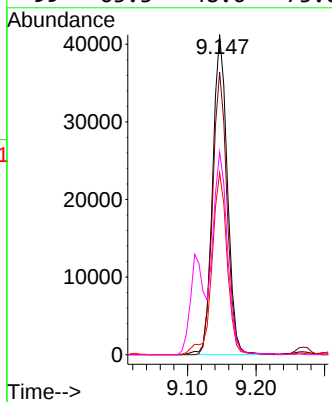
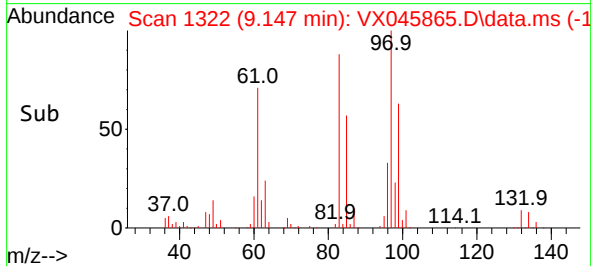
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



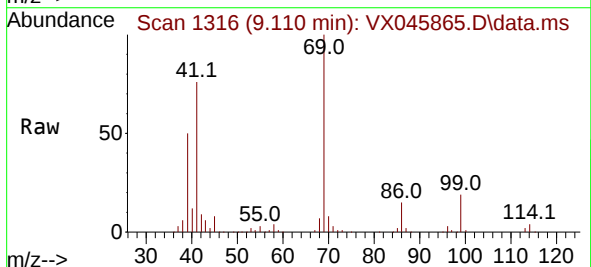
Tgt Ion: 97 Resp: 61270
Ion Ratio Lower Upper
97 100
83 88.3 71.8 107.8
85 56.8 47.0 70.6
99 63.3 48.6 73.0

Manual Integrations
APPROVED

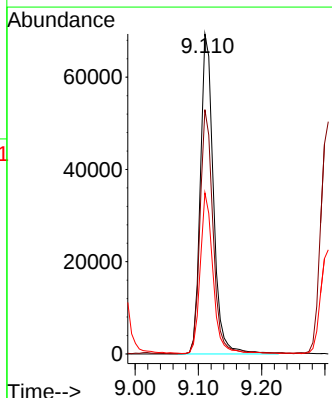
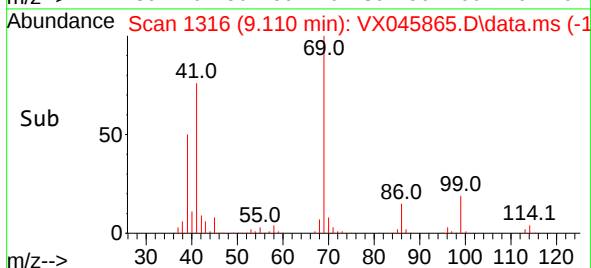
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

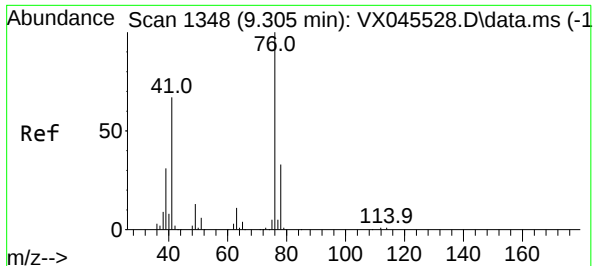


#56
Ethyl methacrylate
Concen: 52.836 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



Tgt Ion: 69 Resp: 100049
Ion Ratio Lower Upper
69 100
41 76.1 61.3 91.9
39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 49.327 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 105098

Ion Ratio Lower Upper

76 100

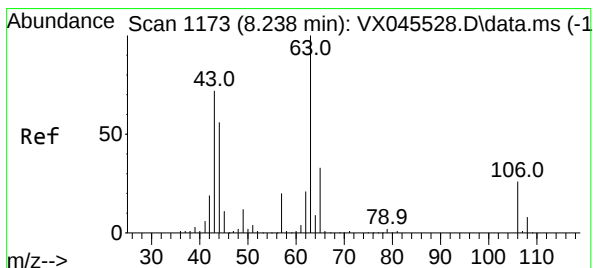
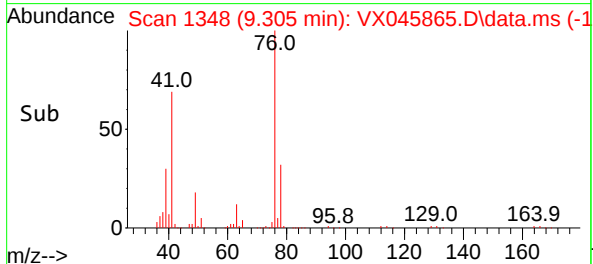
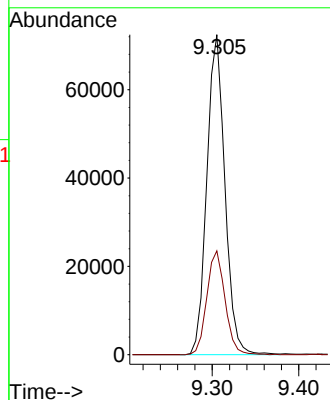
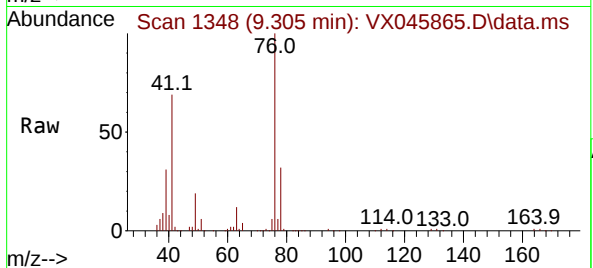
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 267.578 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045865.D

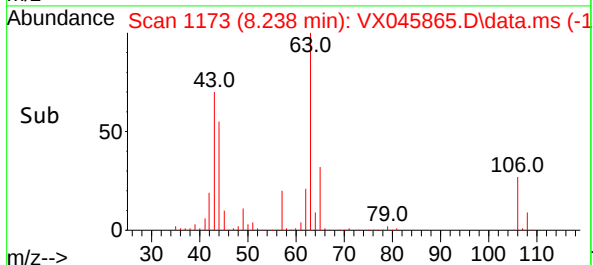
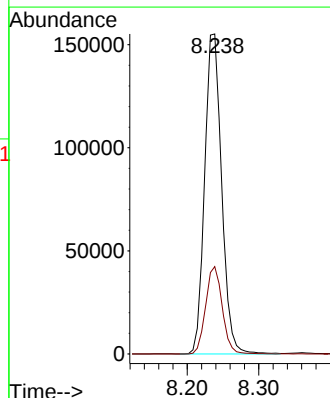
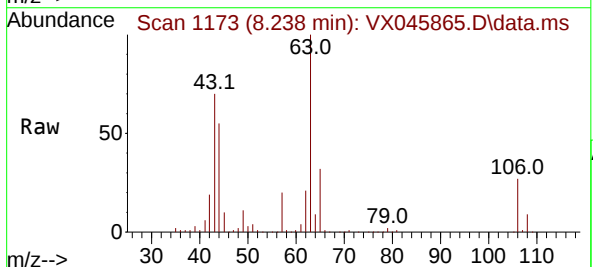
Acq: 21 Apr 2025 08:55

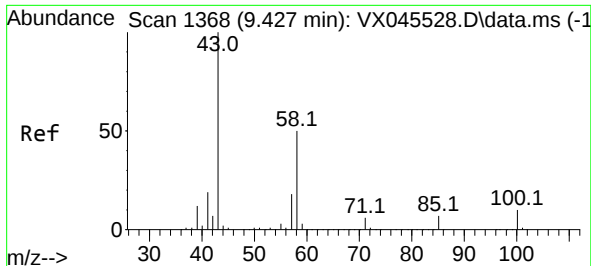
Tgt Ion: 63 Resp: 256315

Ion Ratio Lower Upper

63 100

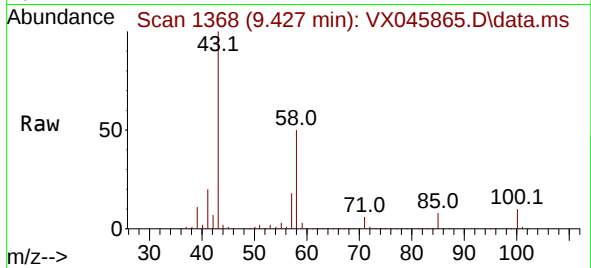
106 26.6 21.0 31.6





#59
2-Hexanone
Concen: 249.815 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

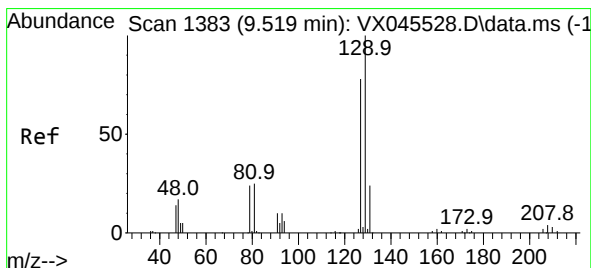
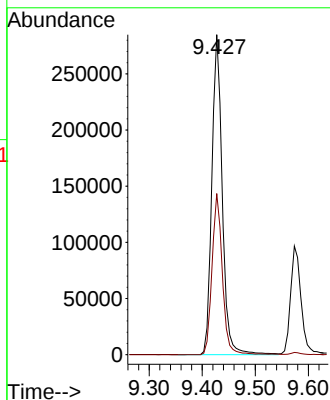
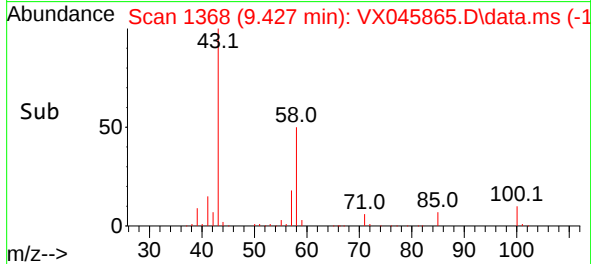
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 389180
Ion Ratio Lower Upper
43 100
58 50.1 24.9 74.6

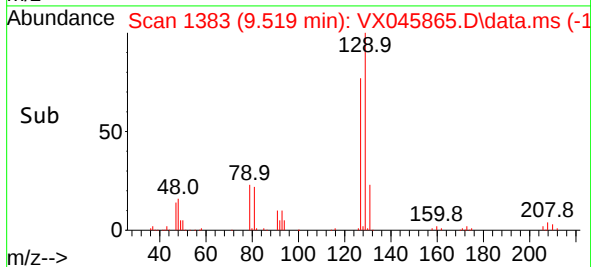
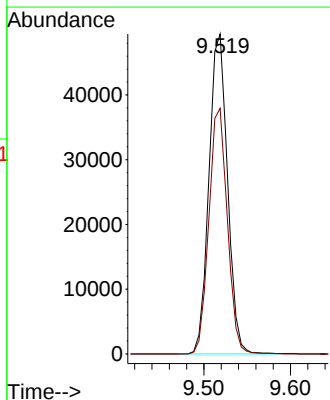
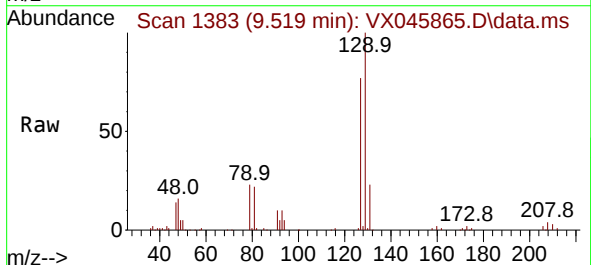
Manual Integrations
APPROVED

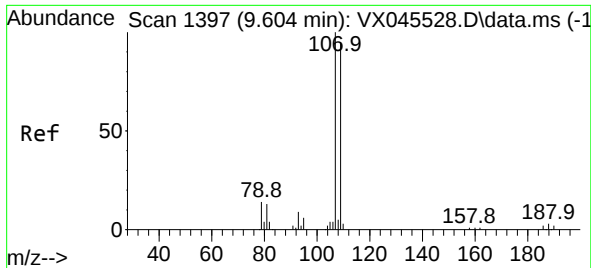
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#60
Dibromochloromethane
Concen: 55.097 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:129 Resp: 73494
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.144 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

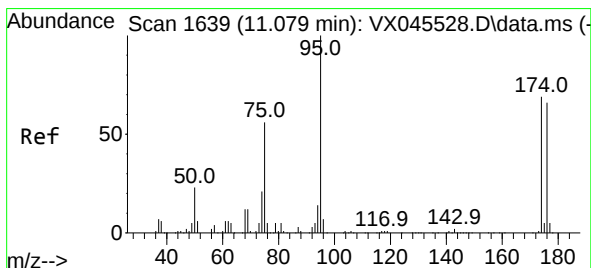
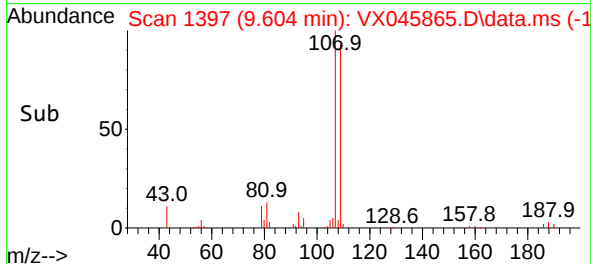
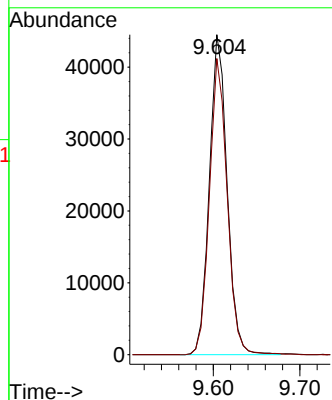
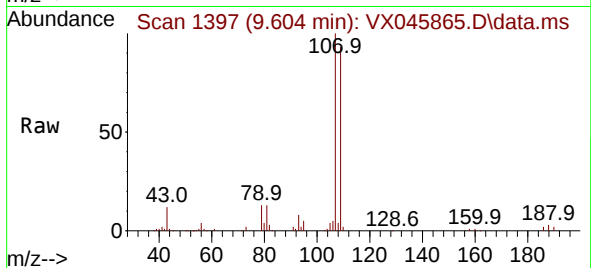
VSTDCCC050

Tgt Ion:107 Resp: 6334
Ion Ratio Lower Upper
107 100
109 92.7 75.7 113.5

Manual Integrations

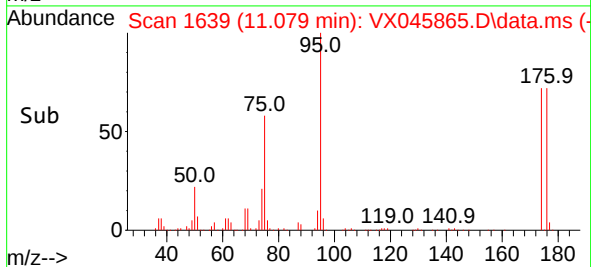
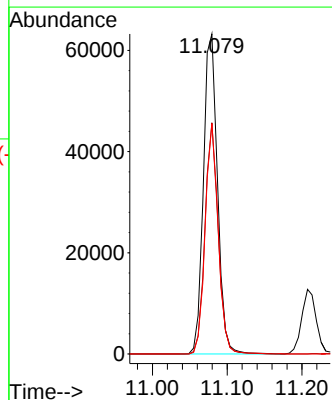
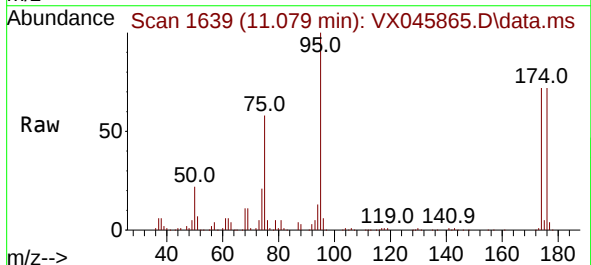
APPROVED

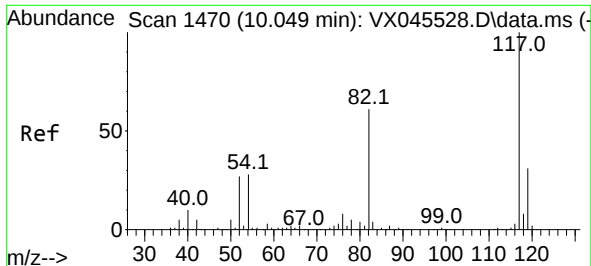
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#62
4-Bromofluorobenzene
Concen: 52.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

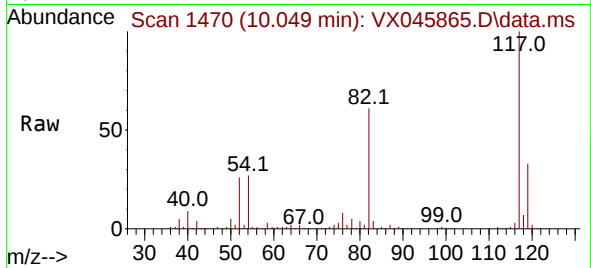
Tgt Ion: 95 Resp: 82595
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 67.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

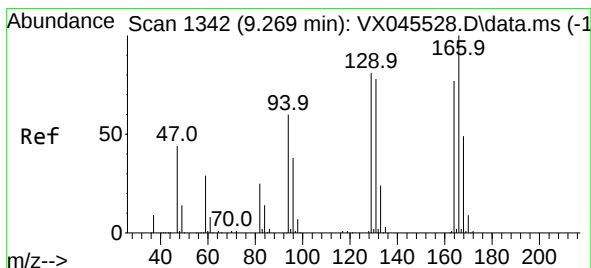
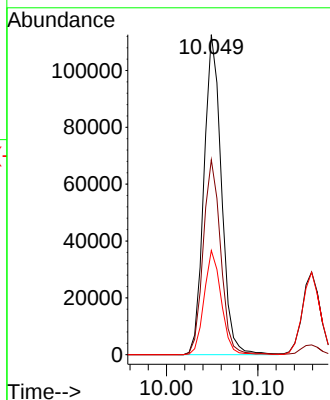
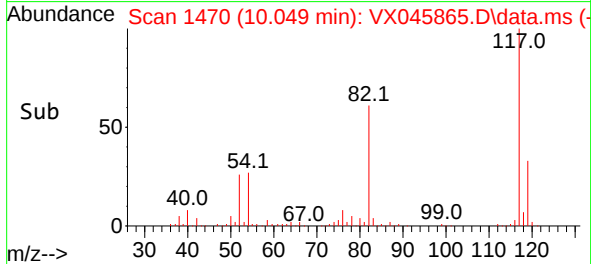
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 149324
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.6 25.1 37.7

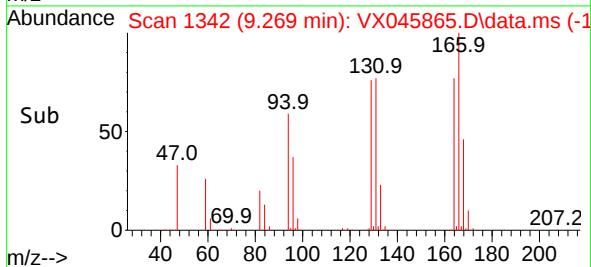
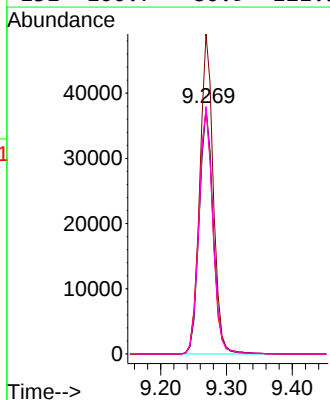
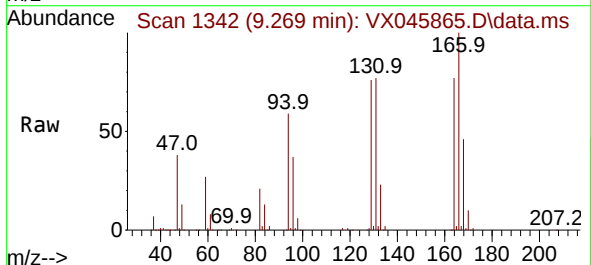
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#64
Tetrachloroethene
Concen: 52.545 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

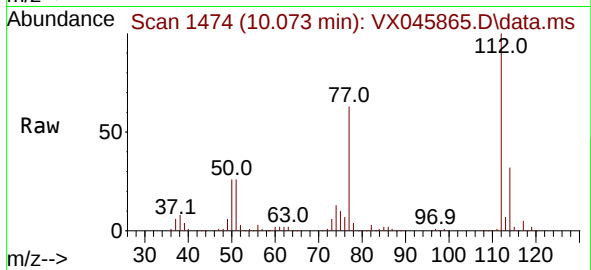
Tgt Ion:164 Resp: 55397
Ion Ratio Lower Upper
164 100
166 130.2 103.8 155.8
129 99.2 84.3 126.5
131 100.7 80.9 121.3





#65
Chlorobenzene
Concen: 50.995 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

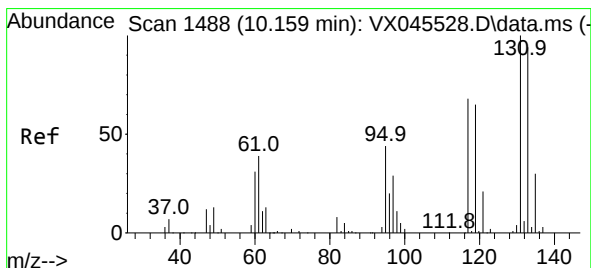
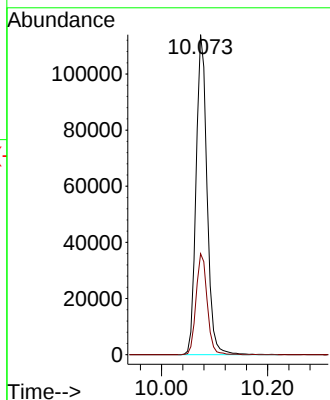
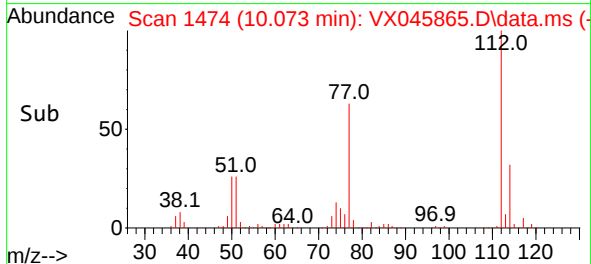
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



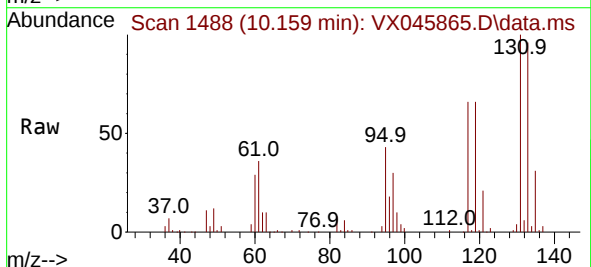
Tgt Ion:112 Resp: 162710
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

Manual Integrations
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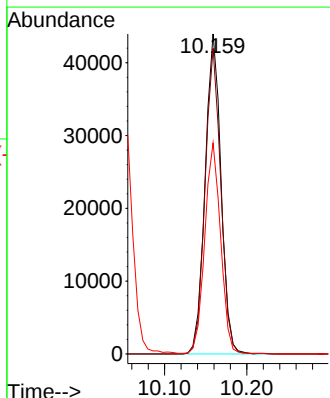
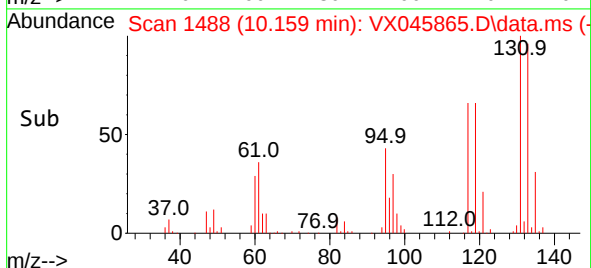
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

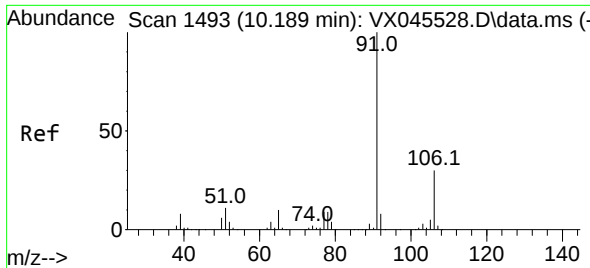


#66
1,1,1,2-Tetrachloroethane
Concen: 53.189 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



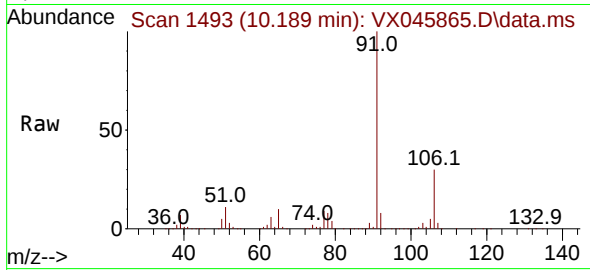
Tgt Ion:131 Resp: 58922
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 66.2 32.9 98.6





#67
Ethyl Benzene
Concen: 51.641 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

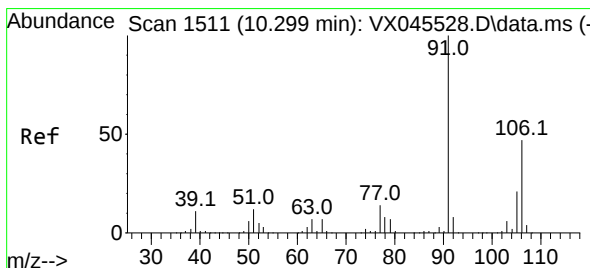
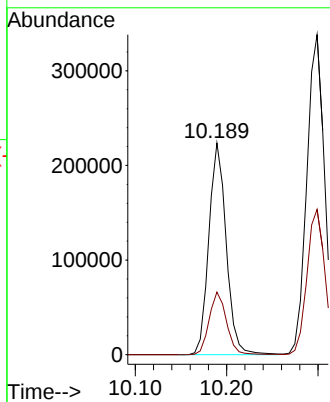
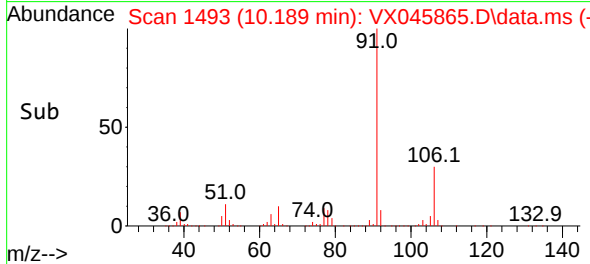
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 295114
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5

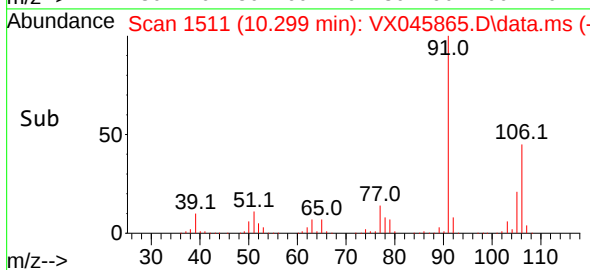
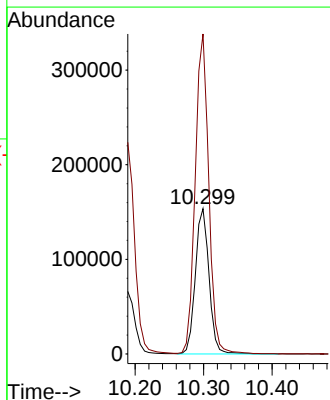
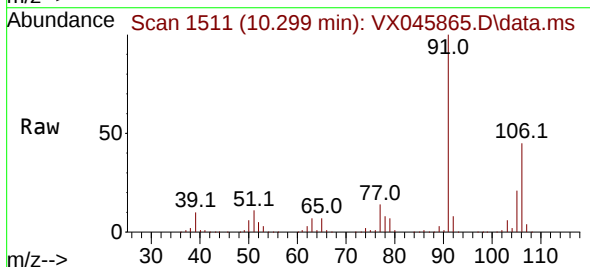
Manual Integrations
APPROVED

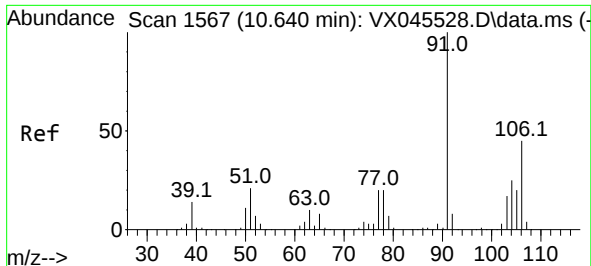
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#68
m/p-Xylenes
Concen: 102.467 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:106 Resp: 212978
Ion Ratio Lower Upper
106 100
91 219.0 172.6 258.8





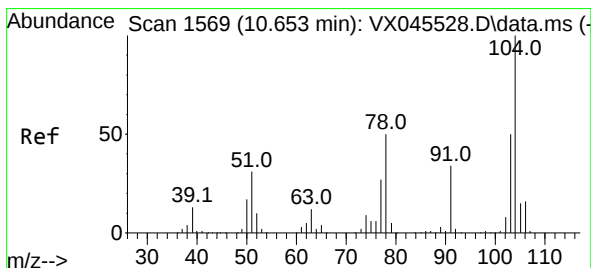
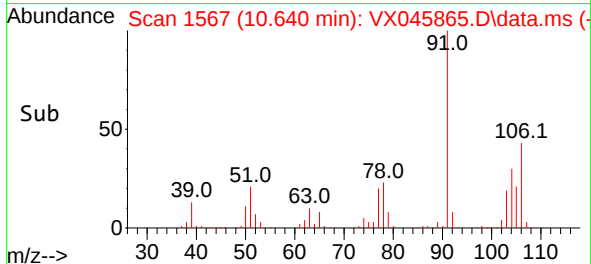
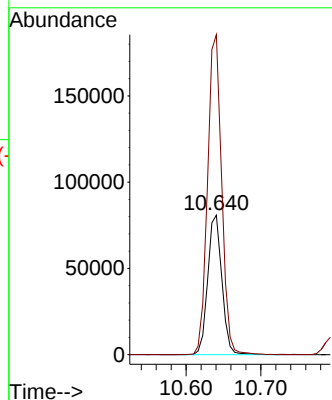
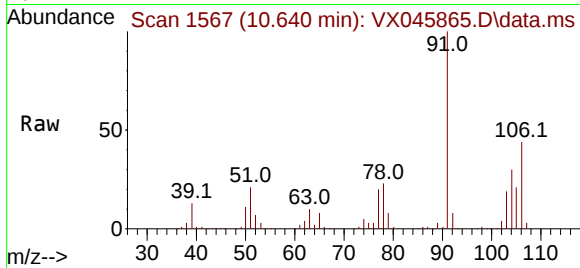
#69
o-Xylene
Concen: 51.877 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 106220
Ion Ratio Lower Upper
106 100
91 228.9 113.6 340.6

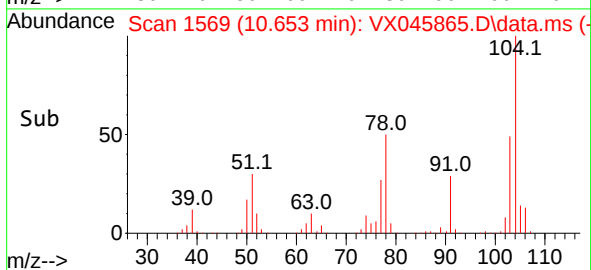
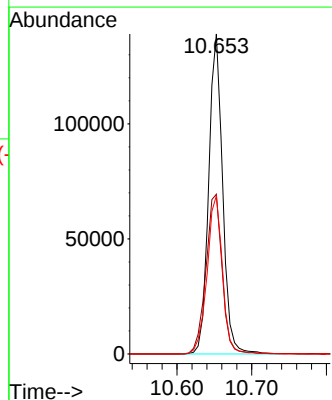
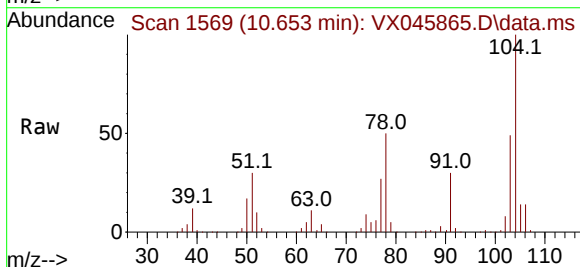
Manual Integrations
APPROVED

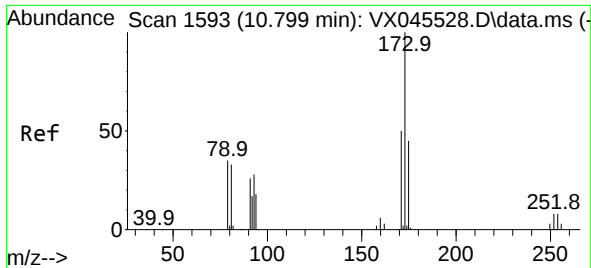
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#70
Styrene
Concen: 53.355 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:104 Resp: 180308
Ion Ratio Lower Upper
104 100
78 58.2 45.4 68.2
103 54.6 43.8 65.8





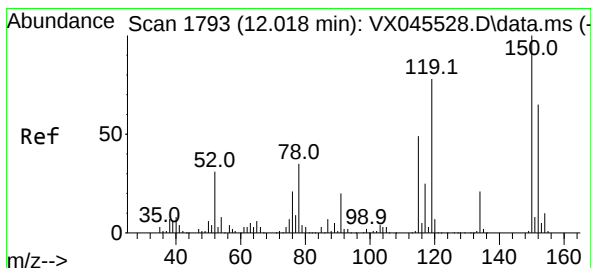
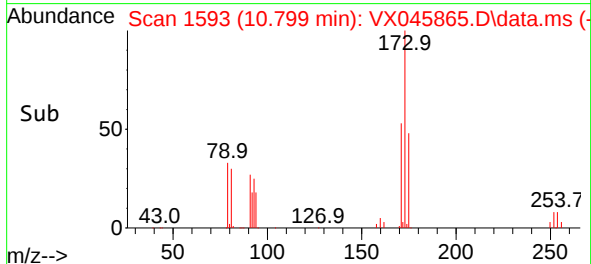
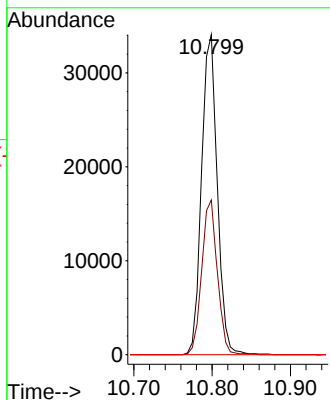
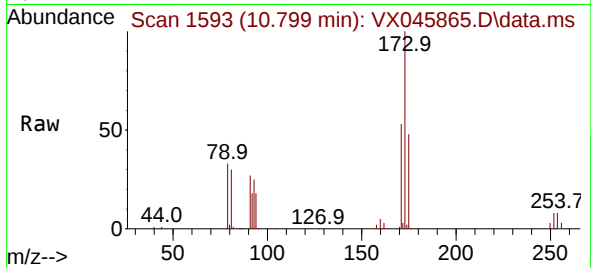
#71
Bromoform
Concen: 57.304 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 47399
Ion Ratio Lower Upper
173 100
175 48.0 23.4 70.2
254 0.0 0.0 0.0

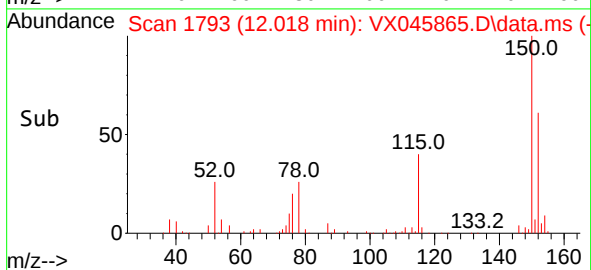
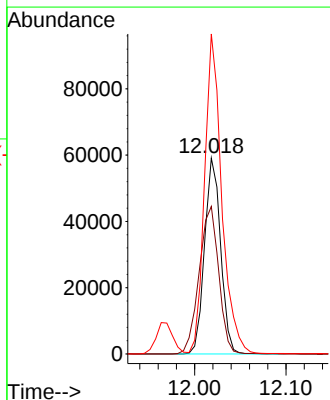
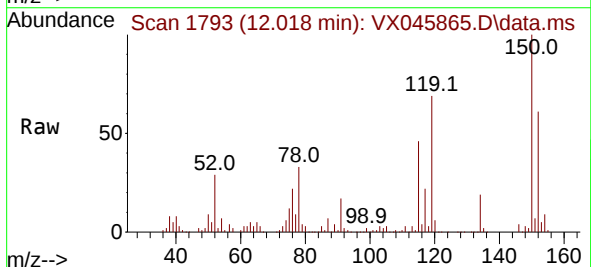
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

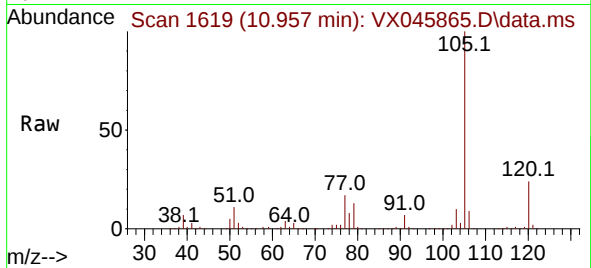
Tgt Ion:152 Resp: 71983
Ion Ratio Lower Upper
152 100
115 92.1 46.9 140.7
150 174.6 0.0 349.4





#73
Isopropylbenzene
Concen: 49.696 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

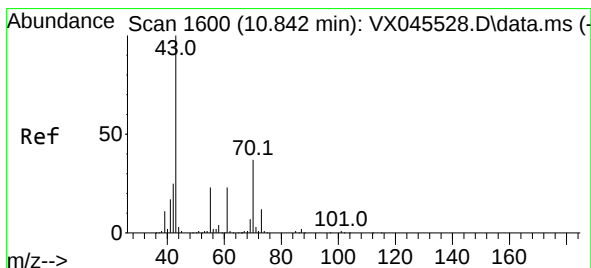
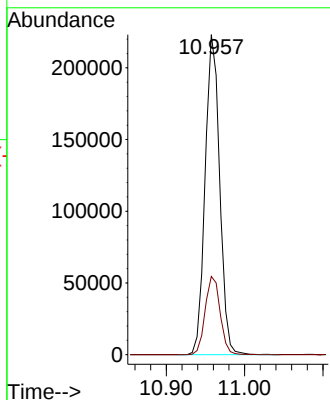
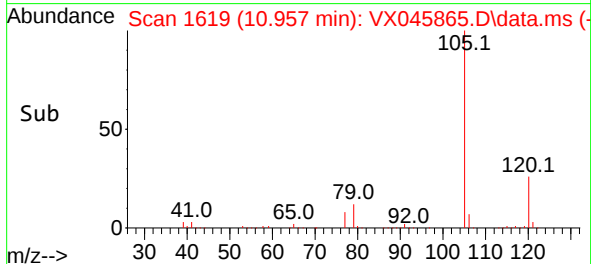
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 28654
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0

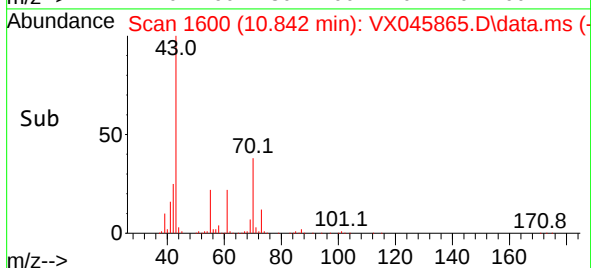
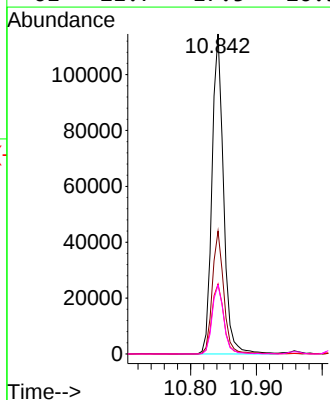
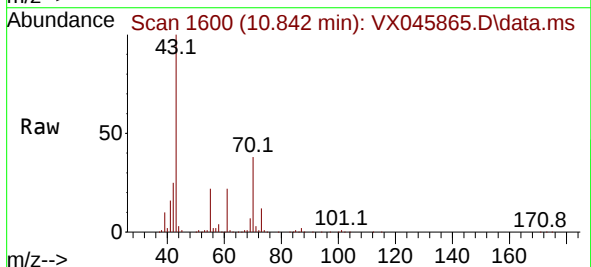
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#74
N-ethyl acetate
Concen: 50.949 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion: 43 Resp: 140524
Ion Ratio Lower Upper
43 100
70 37.9 30.1 45.1
55 22.9 18.3 27.5
61 21.7 17.5 26.3





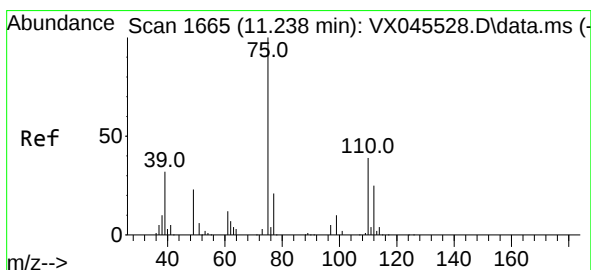
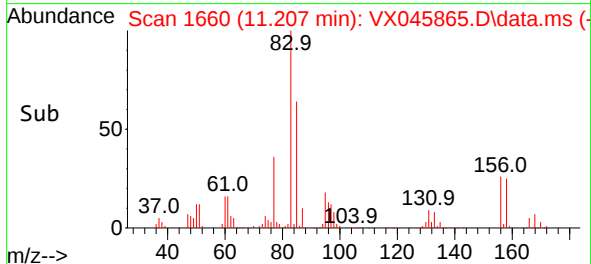
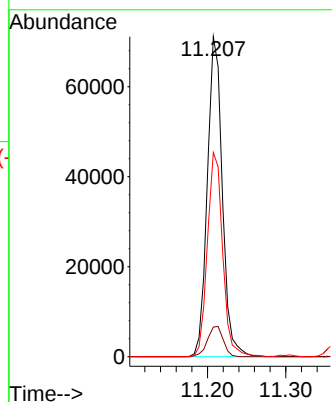
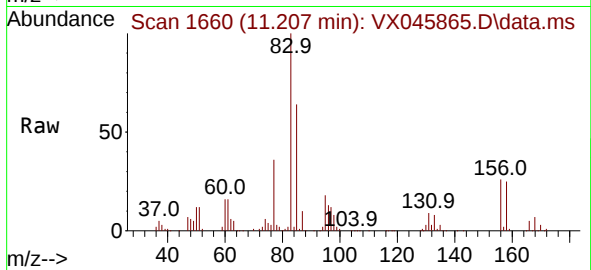
#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.579 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 9434
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.7 14.1
 85 64.8 32.4 97.2

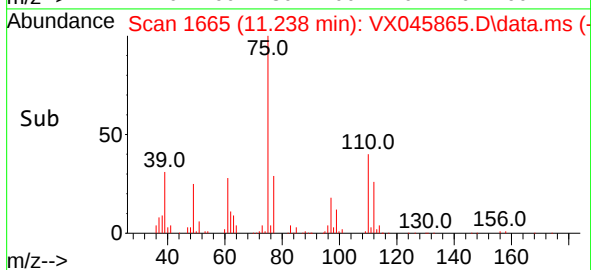
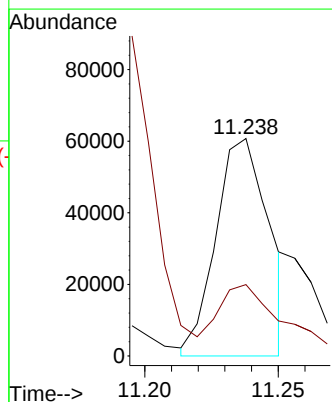
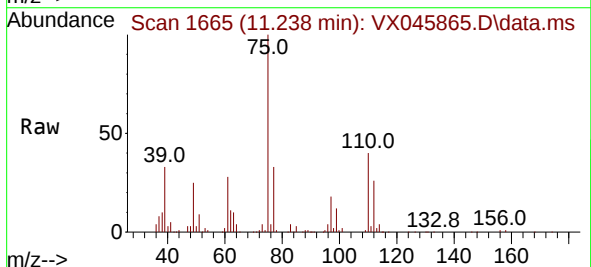
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#76
 1,2,3-Trichloropropane
 Concen: 47.736 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

Tgt Ion: 75 Resp: 83816
 Ion Ratio Lower Upper
 75 100
 77 40.8 20.0 59.9





#77

Bromobenzene

Concen: 48.330 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

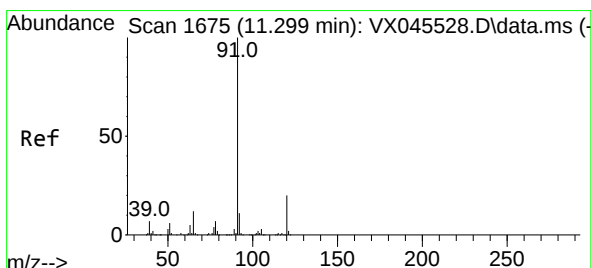
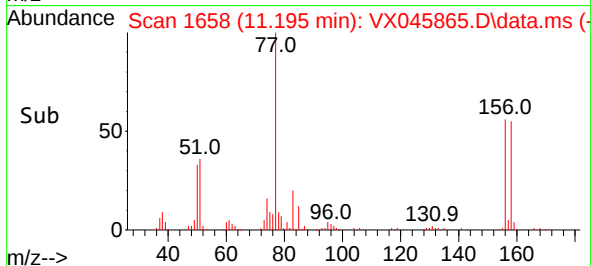
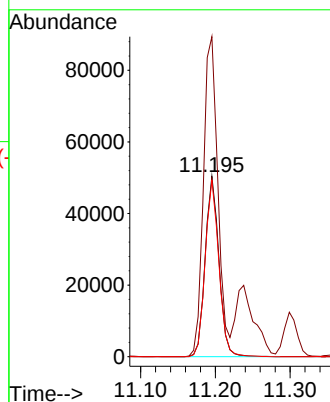
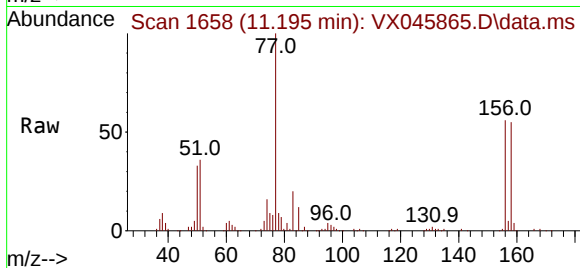
Tgt Ion:	156	Resp:	6438
Ion Ratio	Lower	Upper	
156	100		
77	186.0	92.6	277.8
158	97.5	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#78

n-propylbenzene

Concen: 50.430 ug/l

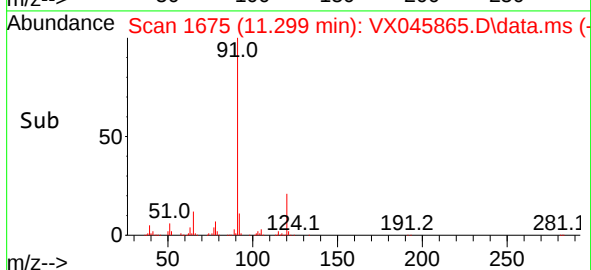
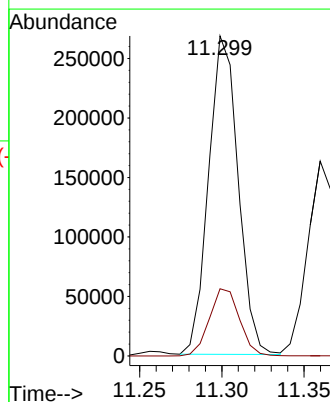
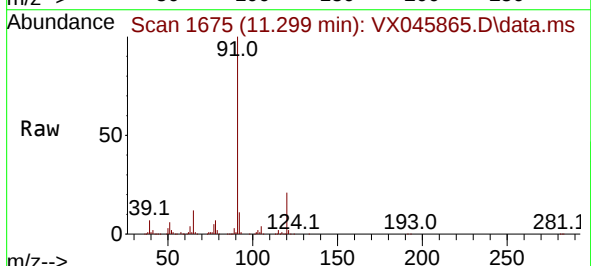
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Tgt Ion:	91	Resp:	334925
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3





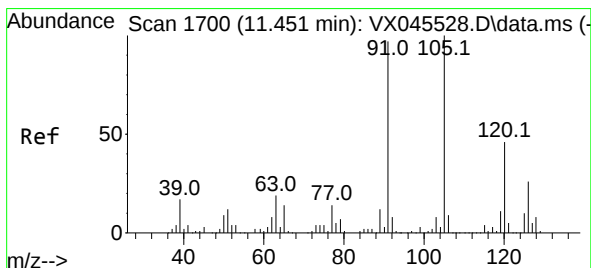
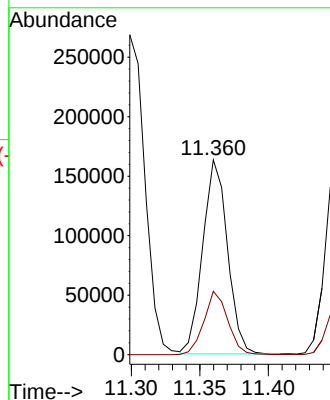
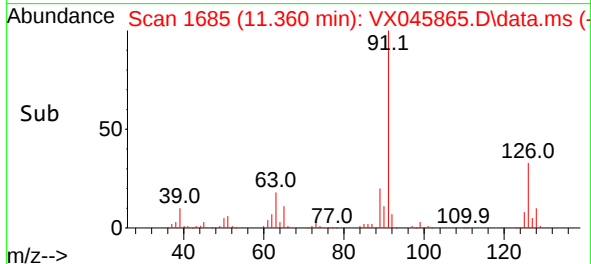
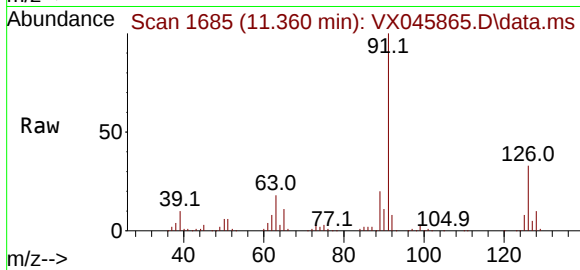
#79
2-Chlorotoluene
Concen: 48.156 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 204462
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

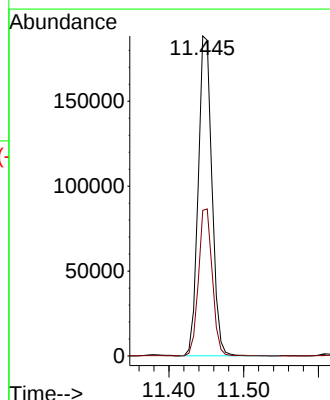
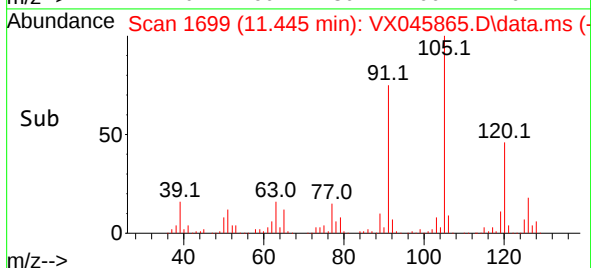
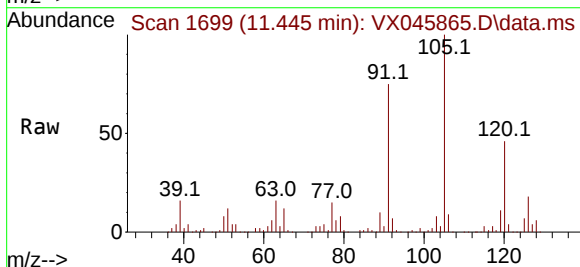
Manual Integrations
APPROVED

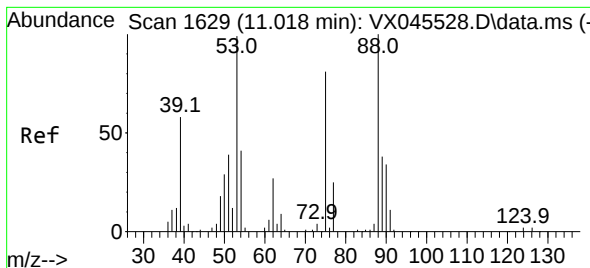
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.287 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:105 Resp: 239764
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





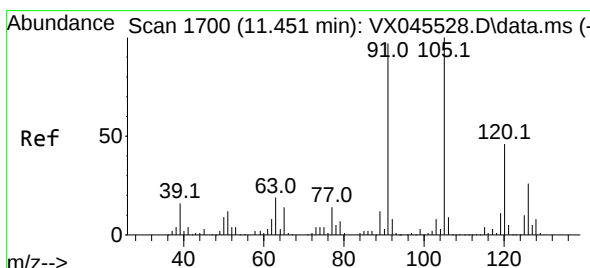
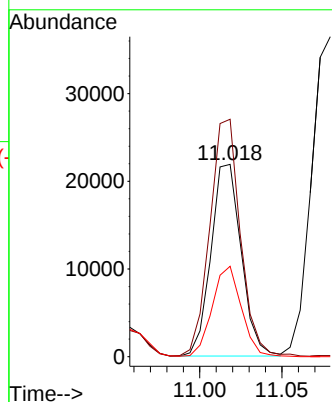
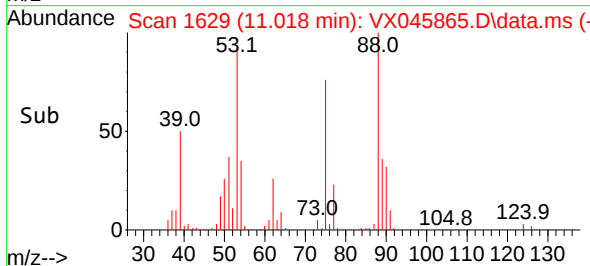
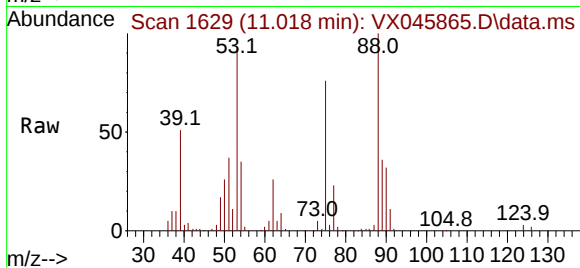
#81
trans-1,4-Dichloro-2-butene
Concen: 54.191 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 28030
Ion Ratio Lower Upper
75 100
53 124.7 101.8 152.6
89 45.5 37.2 55.8

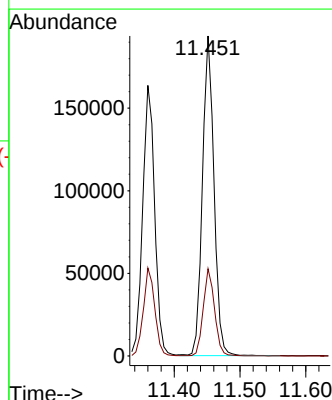
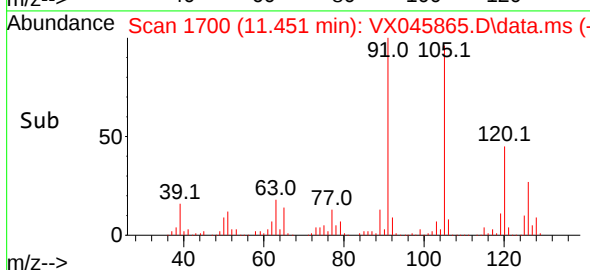
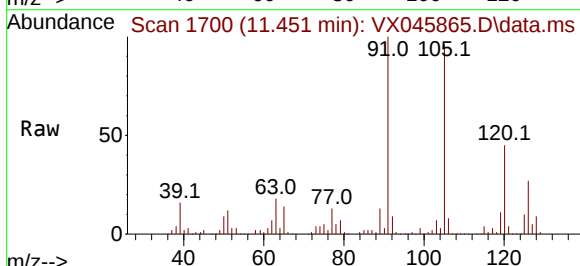
Manual Integrations
APPROVED

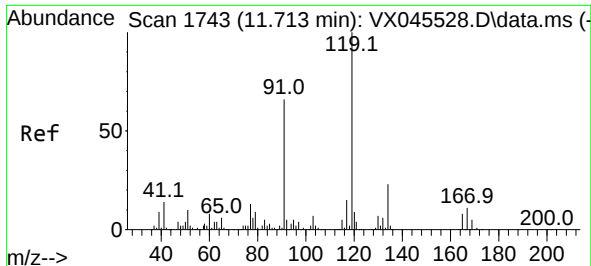
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#82
4-Chlorotoluene
Concen: 49.856 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

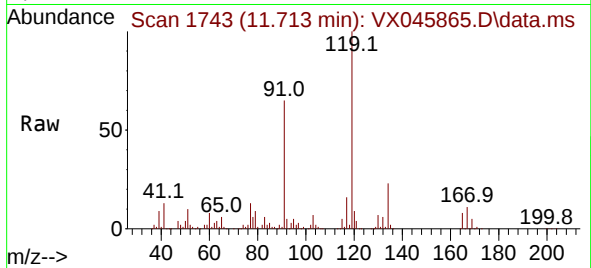
Tgt Ion: 91 Resp: 236012
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83
 tert-Butylbenzene
 Concen: 50.544 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

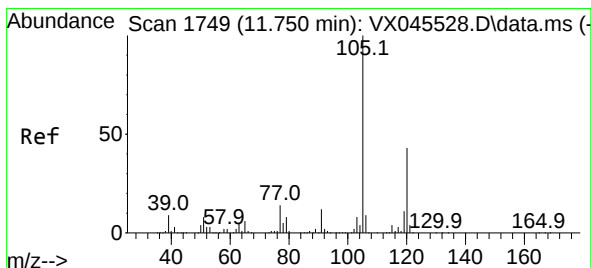
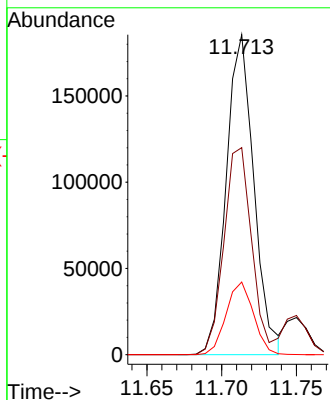
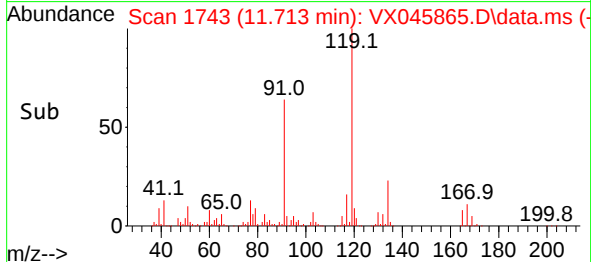
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



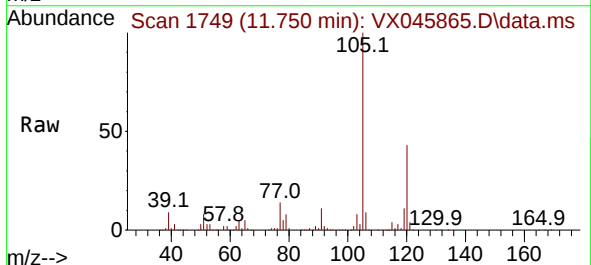
Tgt Ion:119 Resp: 23858
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.4 97.2
 134 22.5 11.5 34.5

Manual Integrations
 APPROVED

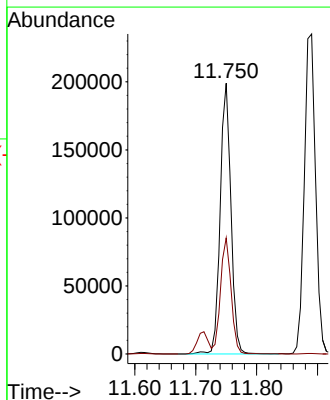
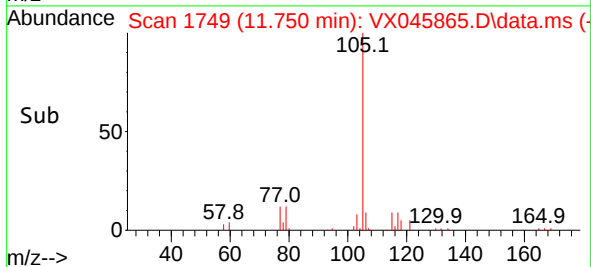
Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 51.054 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55



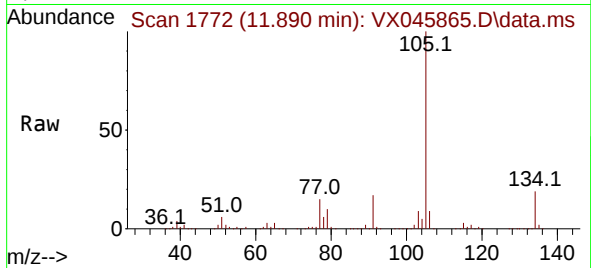
Tgt Ion:105 Resp: 244318
 Ion Ratio Lower Upper
 105 100
 120 42.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 51.905 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55

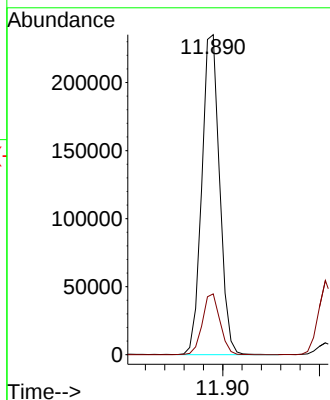
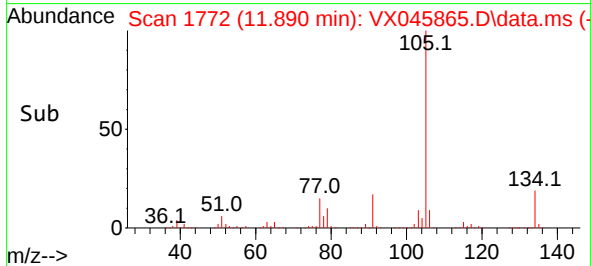
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



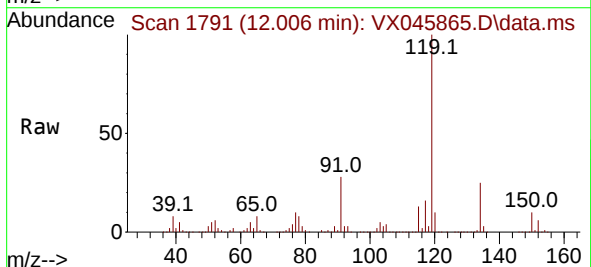
Tgt Ion:105 Resp: 300930
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

Manual Integrations
 APPROVED

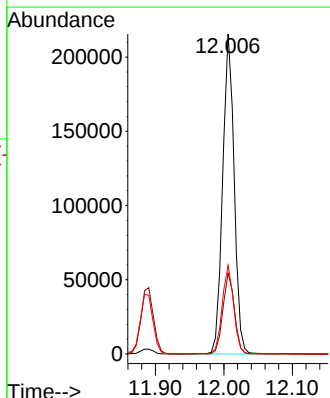
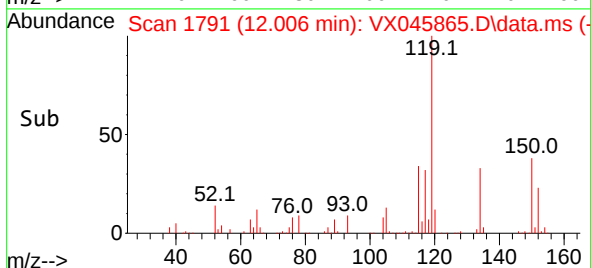
Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#86
 p-Isopropyltoluene
 Concen: 52.199 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045865.D
 Acq: 21 Apr 2025 08:55



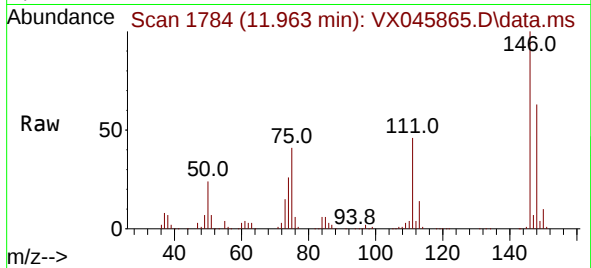
Tgt Ion:119 Resp: 249503
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.3 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 49.427 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

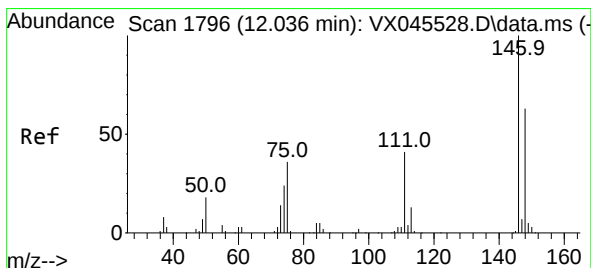
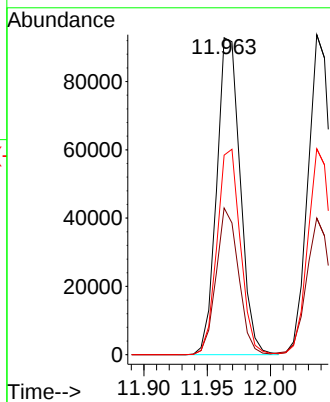
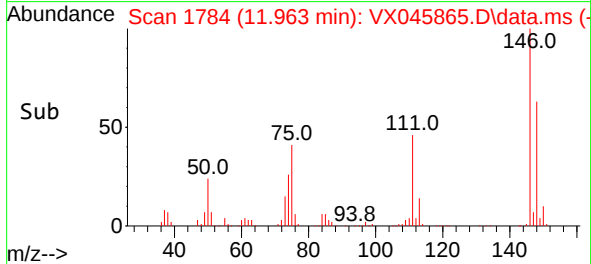
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 119864
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 64.4 31.9 95.7

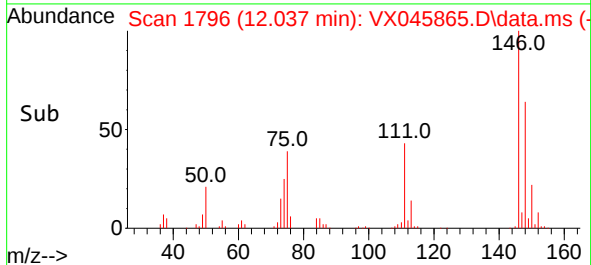
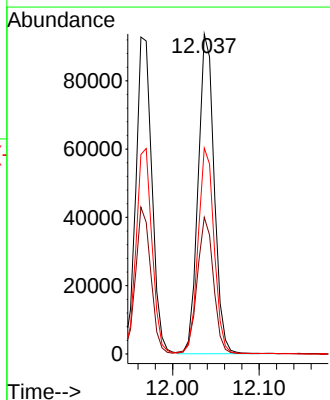
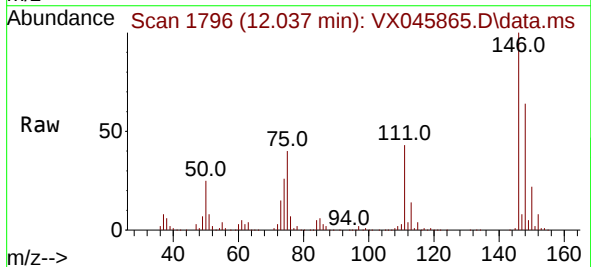
Manual Integrations
APPROVED

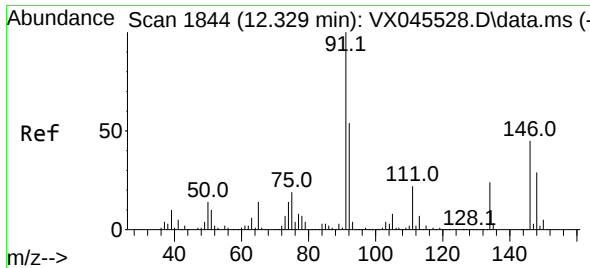
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#88
1,4-Dichlorobenzene
Concen: 48.897 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:146 Resp: 120214
Ion Ratio Lower Upper
146 100
111 43.3 20.9 62.8
148 64.2 31.5 94.5





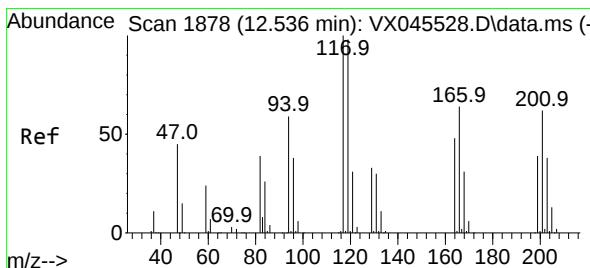
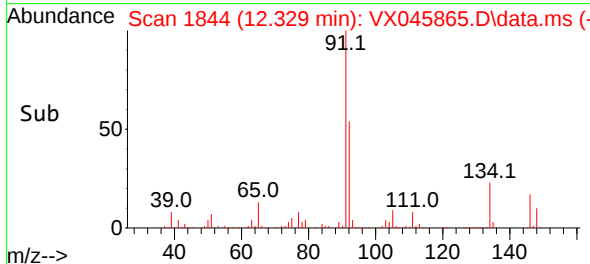
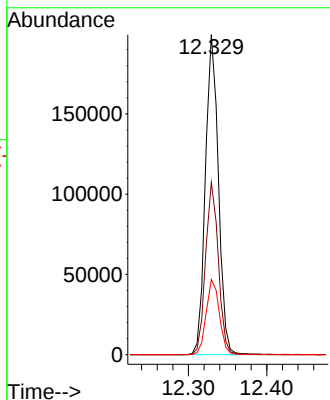
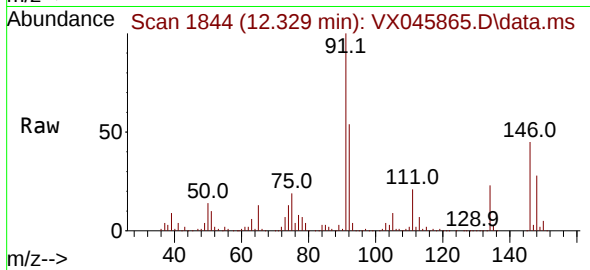
#89
n-Butylbenzene
Concen: 55.287 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 22916
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 23.8 11.9 35.7

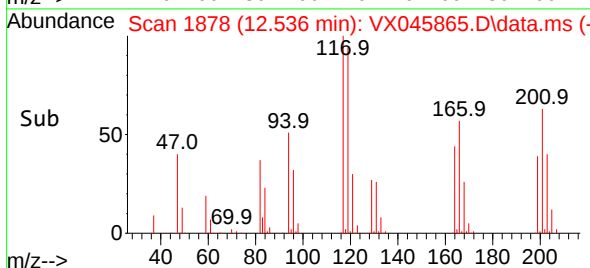
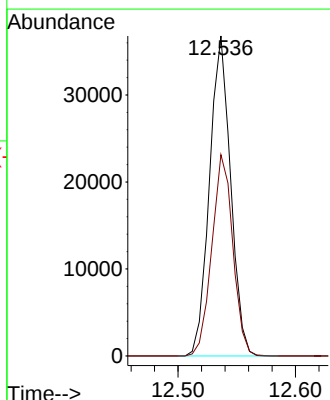
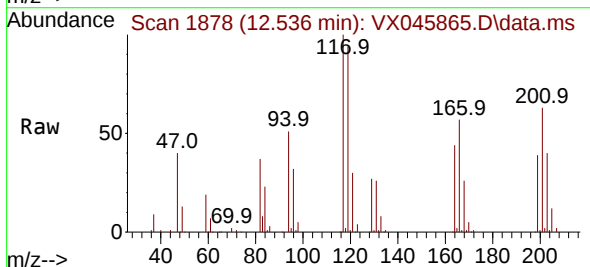
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#90
Hexachloroethane
Concen: 55.905 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

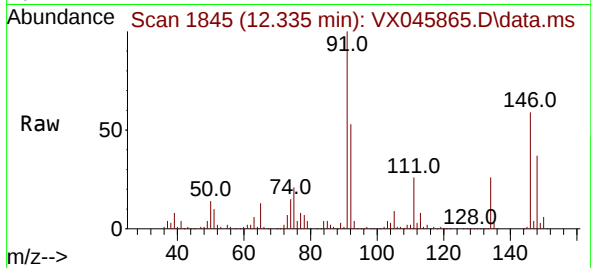
Tgt Ion:117 Resp: 45924
Ion Ratio Lower Upper
117 100
201 62.6 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 50.378 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

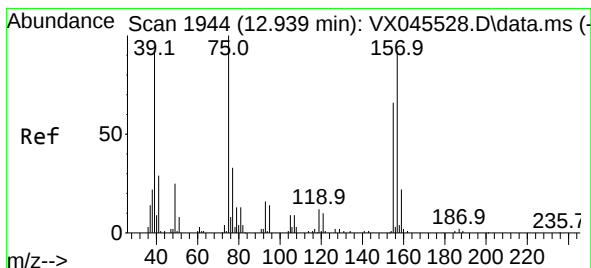
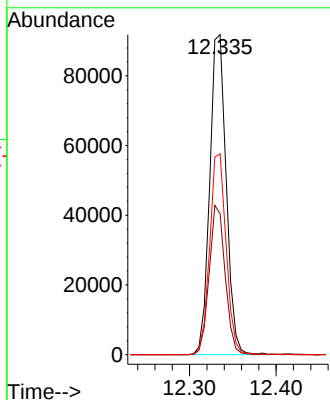
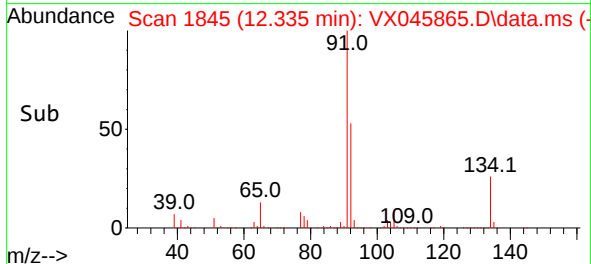
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



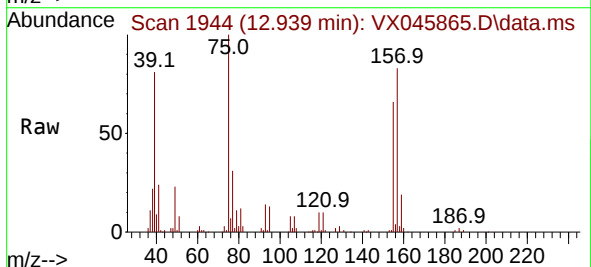
Tgt Ion:146 Resp: 12146
Ion Ratio Lower Upper
146 100
111 45.3 22.9 68.8
148 62.7 31.9 95.5

Manual Integrations
APPROVED

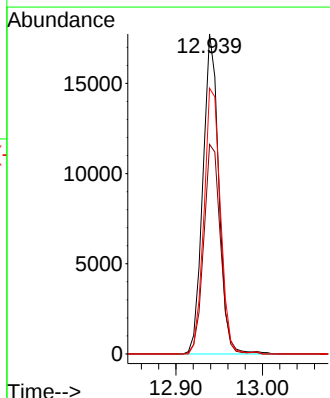
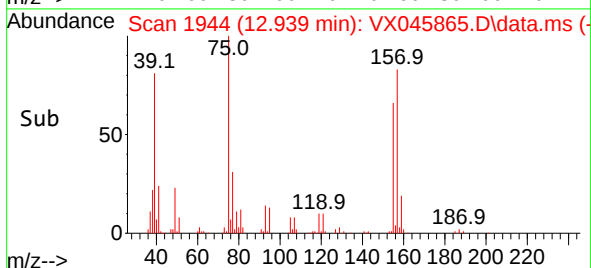
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

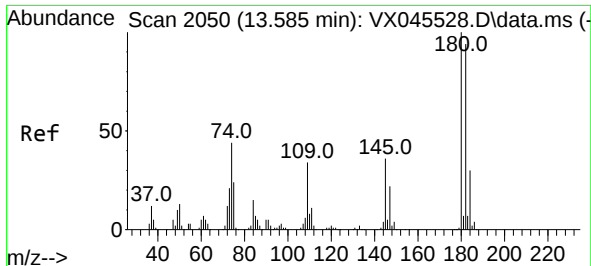


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.607 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55



Tgt Ion: 75 Resp: 22708
Ion Ratio Lower Upper
75 100
155 68.5 34.9 104.7
157 85.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 53.024 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

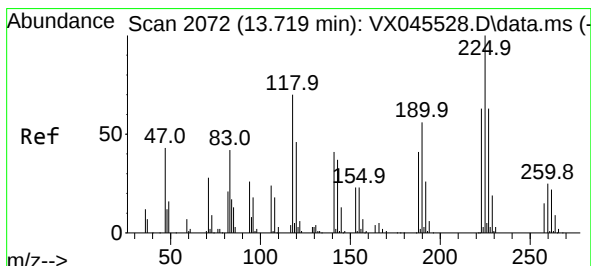
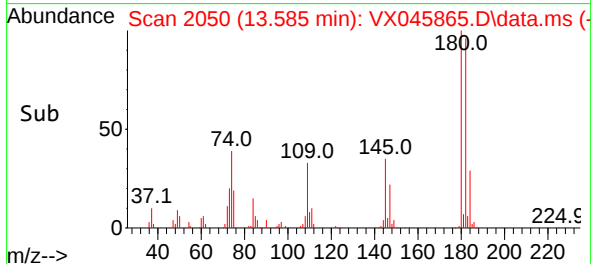
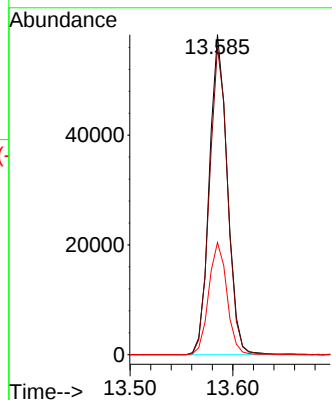
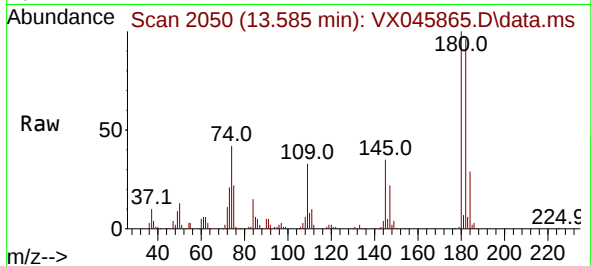
VSTDCCC050

Tgt Ion:180 Resp: 7116
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 35.4 17.9 53.8

Manual Integrations

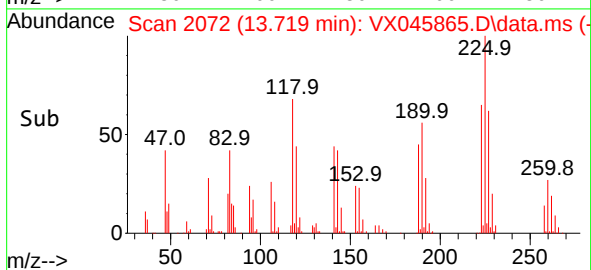
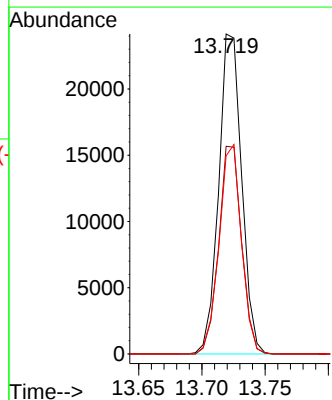
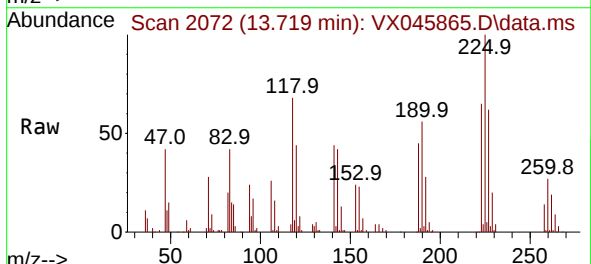
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#94
Hexachlorobutadiene
Concen: 52.632 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045865.D
Acq: 21 Apr 2025 08:55

Tgt Ion:225 Resp: 30438
Ion Ratio Lower Upper
225 100
223 64.6 31.1 93.3
227 63.7 32.2 96.6





#95

Naphthalene

Concen: 51.041 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 254914

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

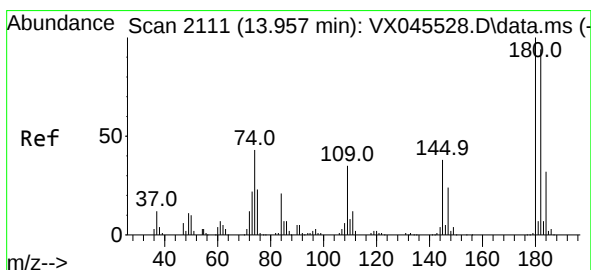
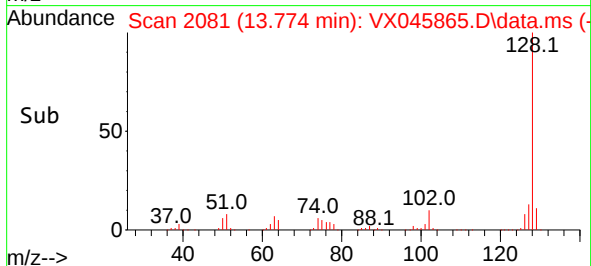
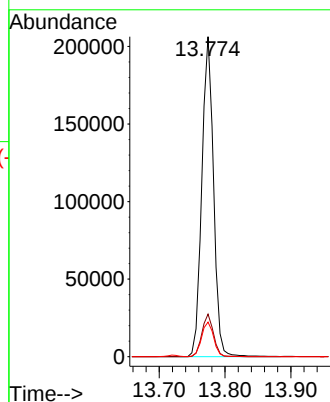
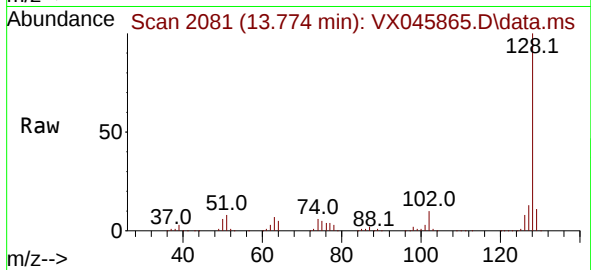
129 11.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.204 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045865.D

Acq: 21 Apr 2025 08:55

Tgt Ion:180 Resp: 73363

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 36.4 18.2 54.6

