

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045873.D
 Acq On : 21 Apr 2025 15:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 01:24:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	67779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	118152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	102317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	55347	44.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.300%		
35) Dibromofluoromethane	5.373	113	38078	45.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.641	98	126415	43.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.400%		
62) 4-Bromofluorobenzene	11.079	95	47961	45.001	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46915	46.284	ug/l	98
3) Chloromethane	1.300	50	47829	45.930	ug/l	99
4) Vinyl Chloride	1.374	62	44888	47.102	ug/l	98
5) Bromomethane	1.599	94	20954	46.372	ug/l	97
6) Chloroethane	1.678	64	25263	49.965	ug/l	99
7) Trichlorofluoromethane	1.880	101	70415	49.550	ug/l	99
8) Diethyl Ether	2.130	74	22259	46.654	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40959	49.186	ug/l	98
10) Methyl Iodide	2.447	142	52750	50.786	ug/l	99
11) Tert butyl alcohol	2.959	59	38624	231.866	ug/l	99
12) 1,1-Dichloroethene	2.312	96	39030	47.967	ug/l	98
13) Acrolein	2.233	56	47774	208.264	ug/l	97
14) Allyl chloride	2.660	41	77298	50.067	ug/l	99
15) Acrylonitrile	3.056	53	122273	232.533	ug/l	99
16) Acetone	2.373	43	113079	222.170	ug/l	98
17) Carbon Disulfide	2.508	76	97876	48.702	ug/l	100
18) Methyl Acetate	2.703	43	56540	48.249	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	134575	47.279	ug/l	100
20) Methylene Chloride	2.782	84	45363	47.607	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	39362	47.351	ug/l	94
22) Diisopropyl ether	3.751	45	140510	46.202	ug/l #	85
23) Vinyl Acetate	3.715	43	636545	242.255	ug/l	100
24) 1,1-Dichloroethane	3.599	63	80694	46.917	ug/l	99
25) 2-Butanone	4.544	43	169064	226.921	ug/l	100
26) 2,2-Dichloropropane	4.465	77	60735	54.656	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	48222	47.614	ug/l	98
28) Bromochloromethane	4.885	49	37295	44.872	ug/l	97
29) Tetrahydrofuran	4.989	42	107572	222.702	ug/l	99
30) Chloroform	5.080	83	84787	47.909	ug/l	97
31) Cyclohexane	5.452	56	69701	45.841	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	72172	48.195	ug/l	98
36) 1,1-Dichloropropene	5.678	75	54931	48.532	ug/l	98
37) Ethyl Acetate	4.702	43	66406	46.556	ug/l	100
38) Carbon Tetrachloride	5.666	117	61504	50.279	ug/l	96
39) Methylcyclohexane	7.373	83	69259	49.919	ug/l	97
40) Benzene	6.025	78	162930	47.133	ug/l	100

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 Supervised By :Semsettin Yesilyurt 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	37986	50.473	ug/l	98
42) 1,2-Dichloroethane	6.074	62	69947	48.991	ug/l	99
43) Isopropyl Acetate	6.330	43	100736	46.597	ug/l	99
44) Trichloroethene	7.116	130	39008	47.476	ug/l	97
45) 1,2-Dichloropropane	7.421	63	40759	47.257	ug/l	94
46) Dibromomethane	7.574	93	32028	48.373	ug/l	99
47) Bromodichloromethane	7.811	83	65365	49.435	ug/l	99
48) Methyl methacrylate	7.683	41	52795	47.298	ug/l	98
49) 1,4-Dioxane	7.653	88	20818	1030.841	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	327010	228.178	ug/l	100
52) Toluene	8.714	92	99717	47.672	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	57595	45.511	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	64230	51.692	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	38928	46.703	ug/l	97
56) Ethyl methacrylate	9.110	69	61828	47.930	ug/l	99
57) 1,3-Dichloropropane	9.305	76	68557	47.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	138288	211.916	ug/l	99
59) 2-Hexanone	9.427	43	240054	226.194	ug/l	99
60) Dibromochloromethane	9.512	129	45264	49.812	ug/l	99
61) 1,2-Dibromoethane	9.604	107	40760	48.307	ug/l	98
64) Tetrachloroethene	9.269	164	34395	47.613	ug/l	97
65) Chlorobenzene	10.073	112	106032	48.497	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	36273	47.787	ug/l	99
67) Ethyl Benzene	10.189	91	190559	48.665	ug/l	100
68) m/p-Xylenes	10.299	106	138269	97.086	ug/l	100
69) o-Xylene	10.640	106	67681	48.241	ug/l	100
70) Styrene	10.652	104	115586	49.916	ug/l	99
71) Bromoform	10.793	173	28447	50.192	ug/l #	96
73) Isopropylbenzene	10.957	105	180162	47.303	ug/l	100
74) N-amyl acetate	10.841	43	82401	45.229	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	58677	43.857	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52368m	45.152	ug/l	
77) Bromobenzene	11.195	156	41286	46.916	ug/l	99
78) n-propylbenzene	11.299	91	210824	48.057	ug/l	100
79) 2-Chlorotoluene	11.360	91	128471	45.808	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	149846	47.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	15657	45.816	ug/l	97
82) 4-Chlorotoluene	11.451	91	149764	47.895	ug/l	99
83) tert-Butylbenzene	11.713	119	148341	47.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	151403	47.897	ug/l	99
85) sec-Butylbenzene	11.884	105	185598	48.463	ug/l	100
86) p-Isopropyltoluene	12.006	119	152607	48.334	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	74665	46.611	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	75954	46.771	ug/l	99
89) n-Butylbenzene	12.329	91	139628	50.998	ug/l	99
90) Hexachloroethane	12.536	117	27656	50.968	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	74127	46.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14371	51.360	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	44436	50.126	ug/l	99
94) Hexachlorobutadiene	13.719	225	18678	48.895	ug/l	98
95) Naphthalene	13.774	128	155668	47.187	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	45180	48.671	ug/l	99

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VSTDCCC050EC

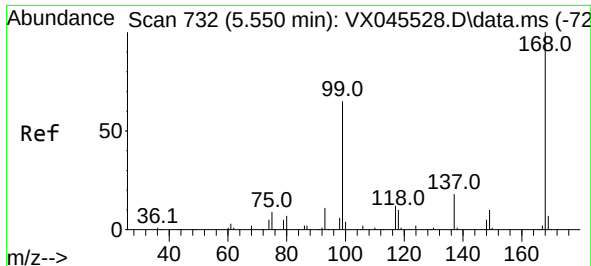
Manual Integrations
APPROVED

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

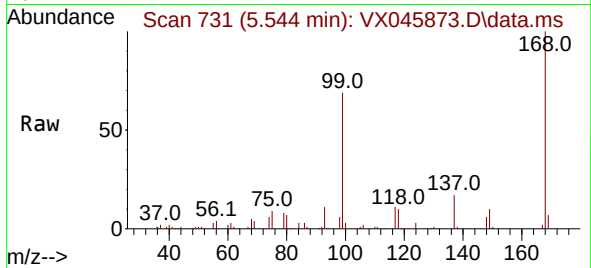
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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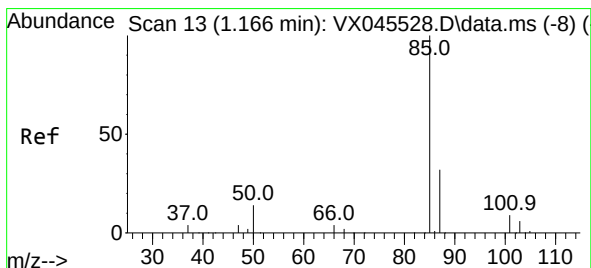
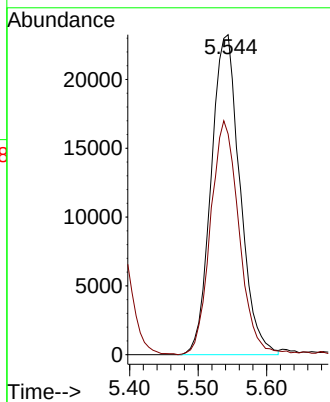
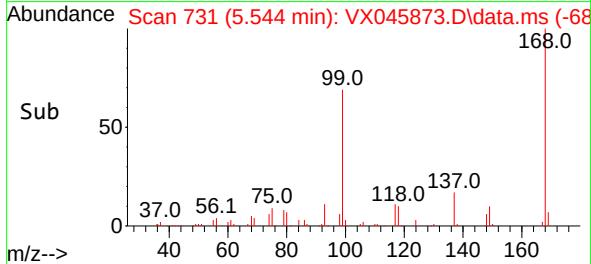
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 67779
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5

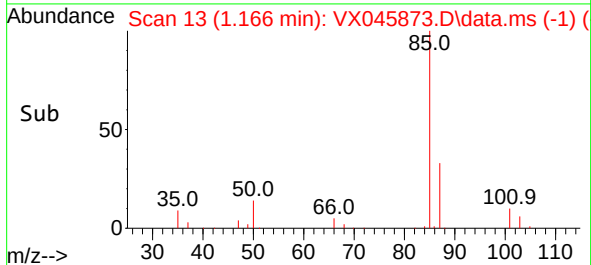
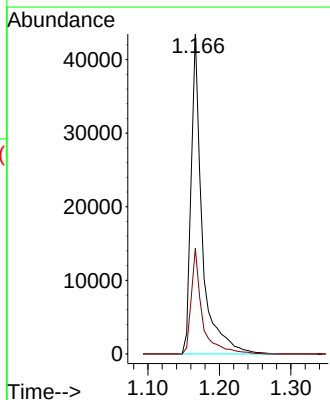
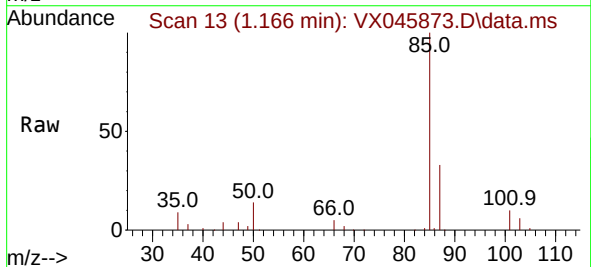
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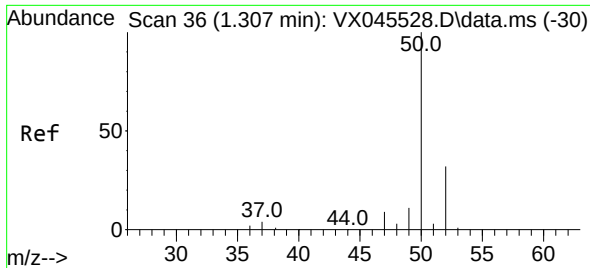
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#2
Dichlorodifluoromethane
Concen: 46.284 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 85 Resp: 46915
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2





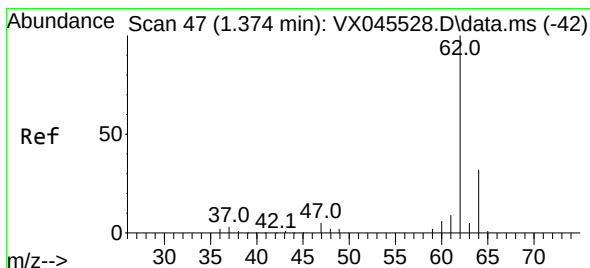
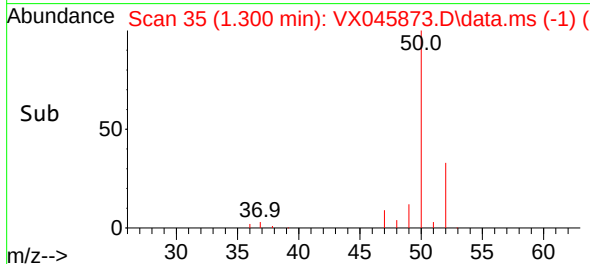
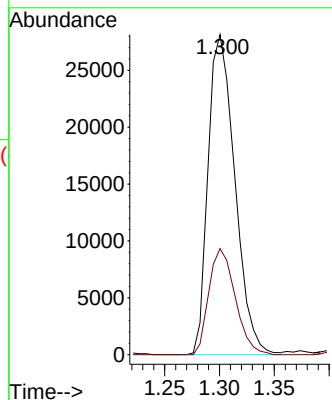
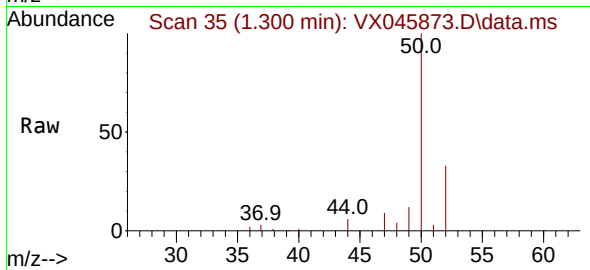
#3
Chloromethane
Concen: 45.930 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 47829
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

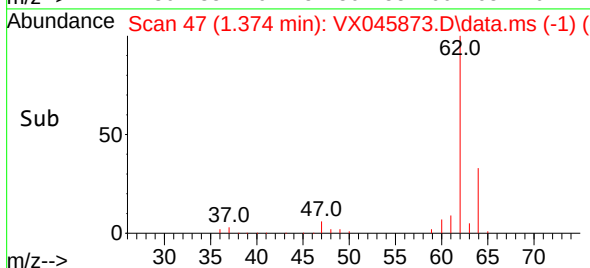
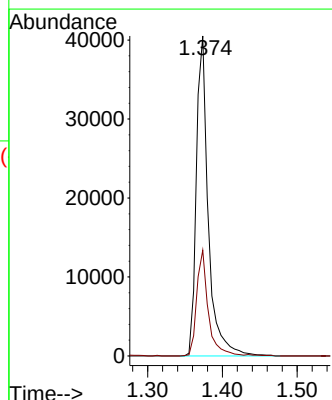
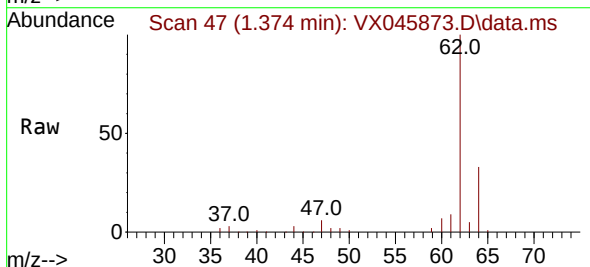
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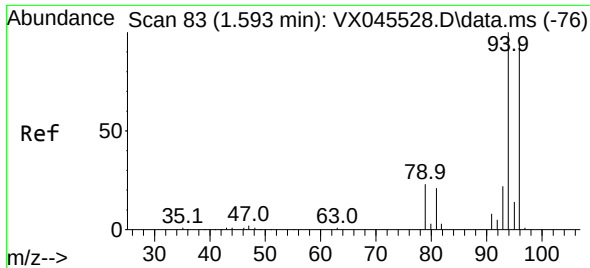
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#4
Vinyl Chloride
Concen: 47.102 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

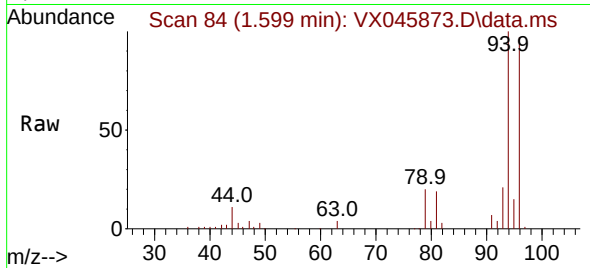
Tgt Ion: 62 Resp: 44888
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3





#5
Bromomethane
Concen: 46.372 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

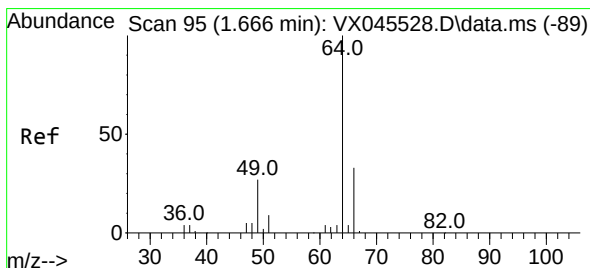
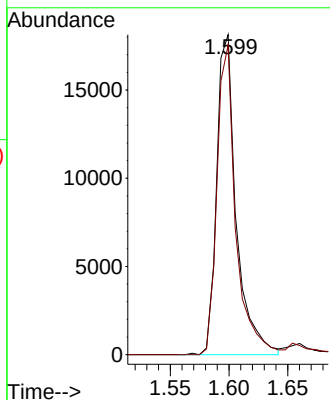
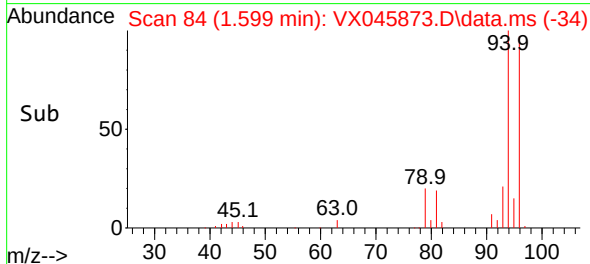
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 20954
Ion Ratio Lower Upper
94 100
96 96.8 74.8 112.2

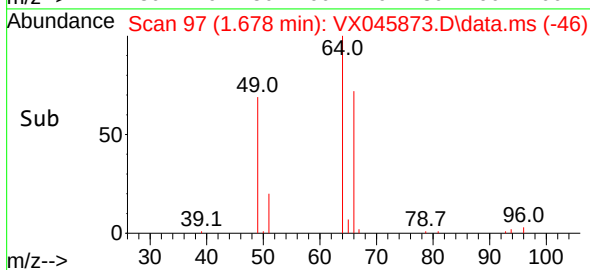
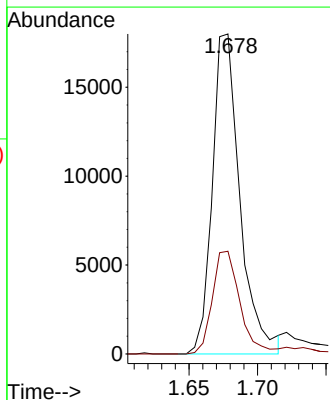
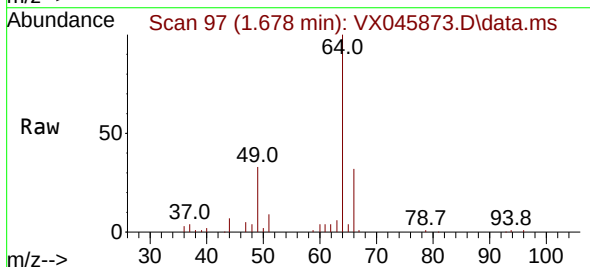
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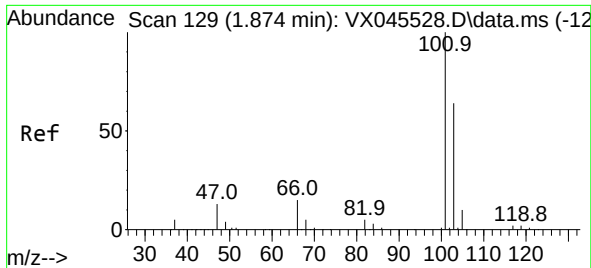
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#6
Chloroethane
Concen: 49.965 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

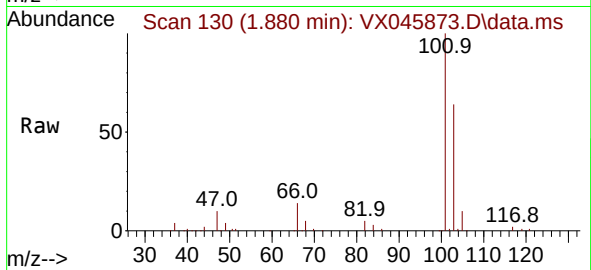
Tgt Ion: 64 Resp: 25263
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.550 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

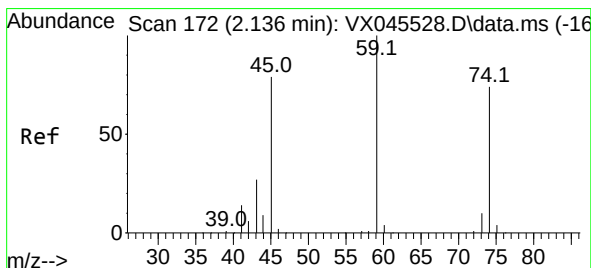
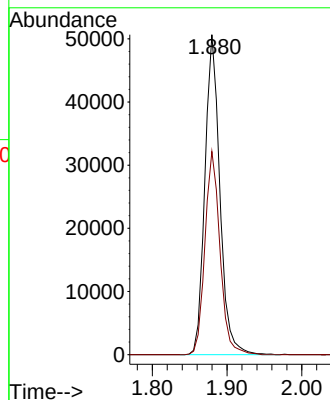
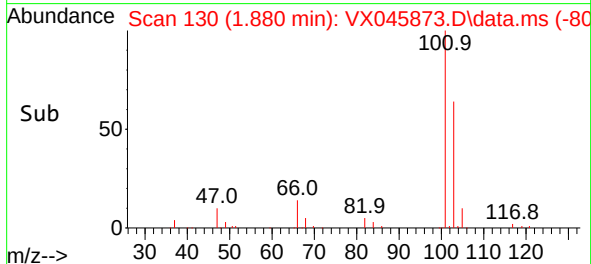
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 7041
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

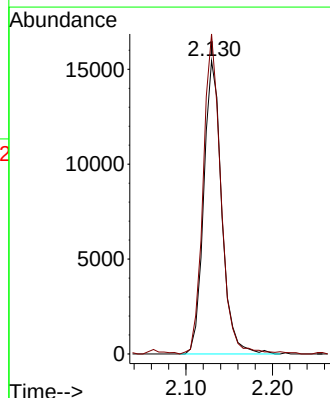
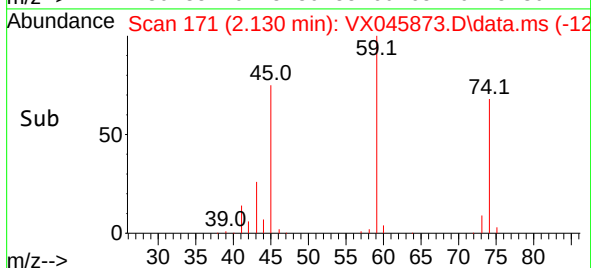
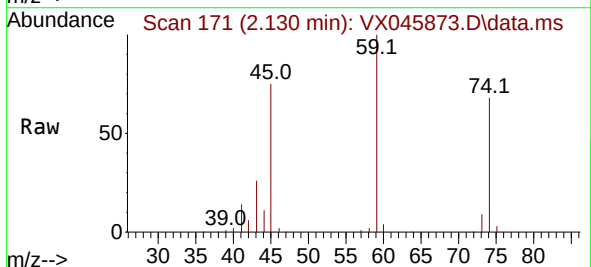
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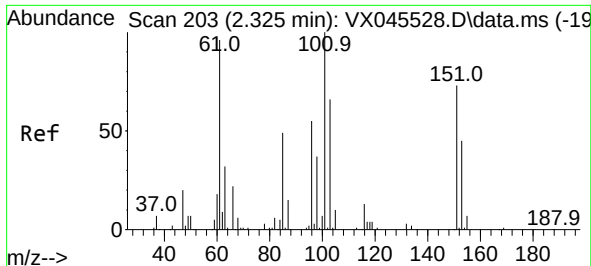
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#8
Diethyl Ether
Concen: 46.654 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 74 Resp: 22259
Ion Ratio Lower Upper
74 100
45 108.0 53.0 159.1





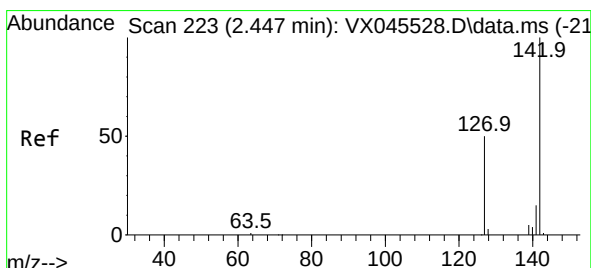
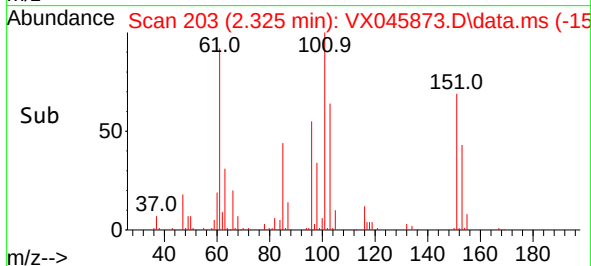
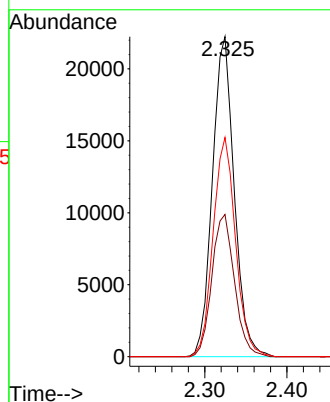
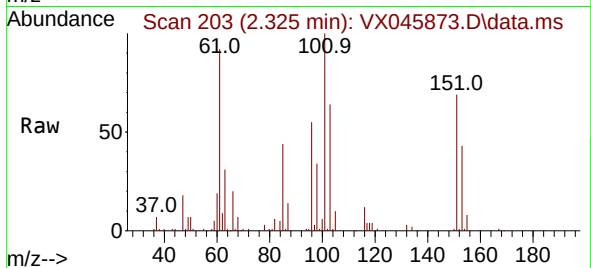
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.186 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 40958
Ion Ratio Lower Upper
101 100
85 46.1 38.9 58.3
151 70.6 57.5 86.3

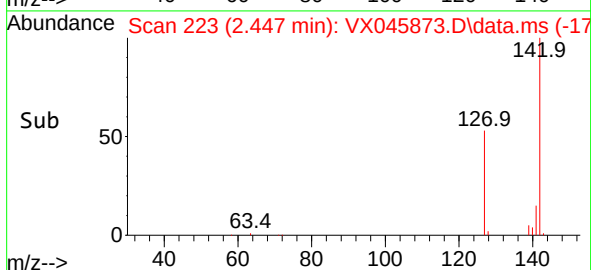
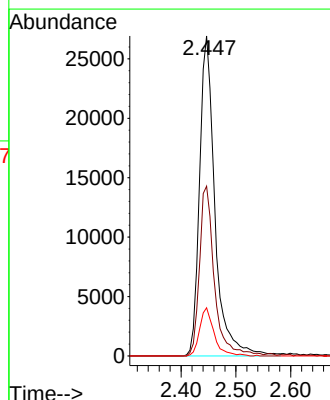
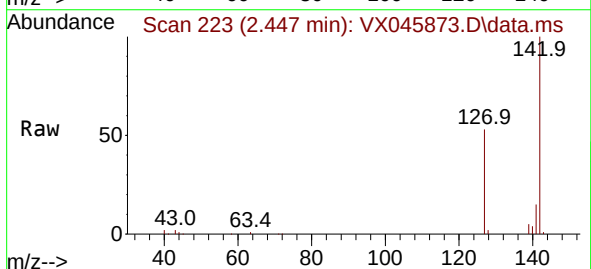
Manual Integrations
APPROVED

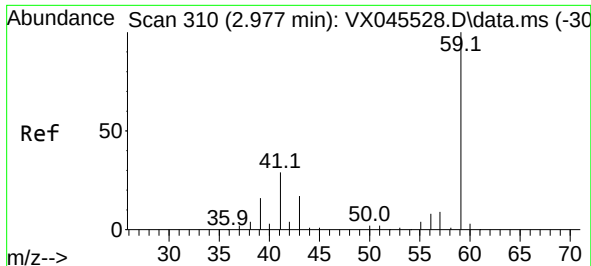
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#10
Methyl Iodide
Concen: 50.786 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

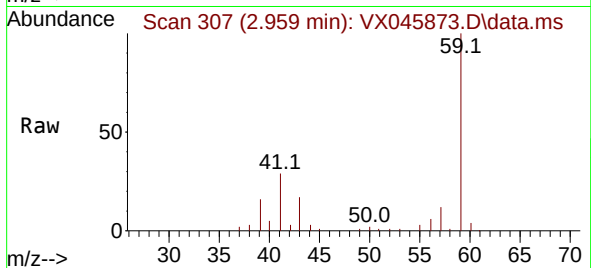
Tgt Ion:142 Resp: 52750
Ion Ratio Lower Upper
142 100
127 51.1 40.2 60.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 231.866 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

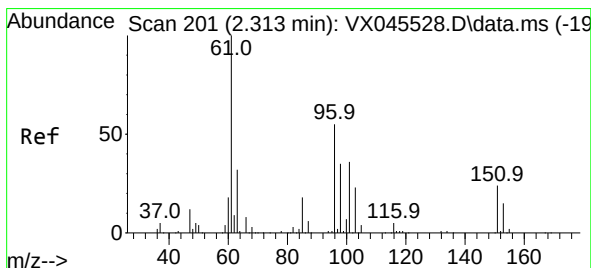
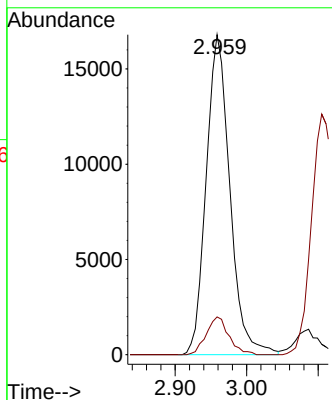
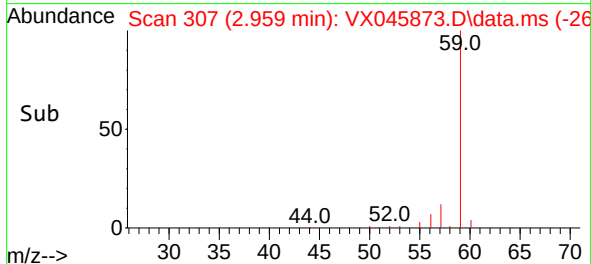
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 38624
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

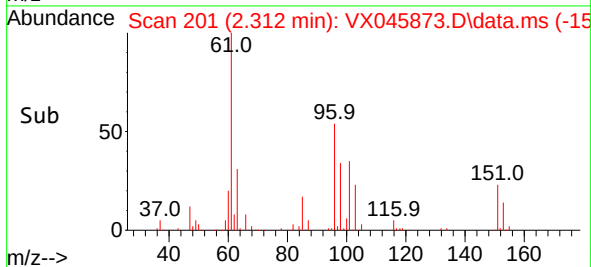
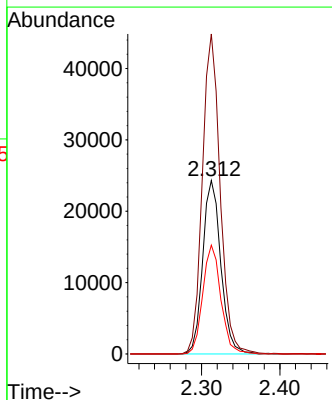
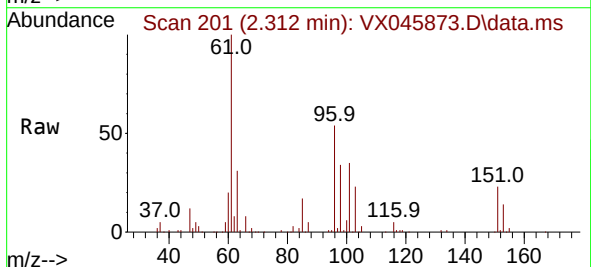
Manual Integrations
APPROVED

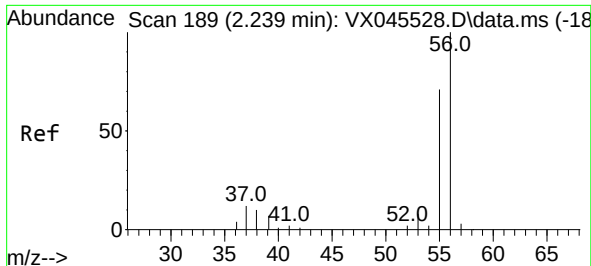
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#12
1,1-Dichloroethene
Concen: 47.967 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

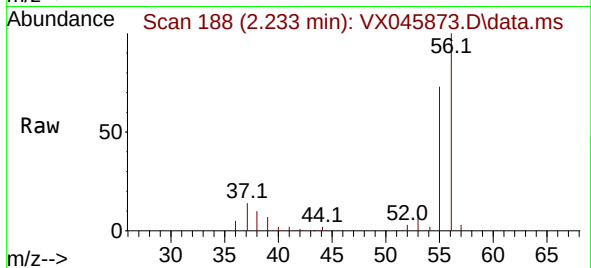
Tgt Ion: 96 Resp: 39030
Ion Ratio Lower Upper
96 100
61 184.4 145.7 218.5
98 62.7 51.6 77.4





#13
Acrolein
Concen: 208.264 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

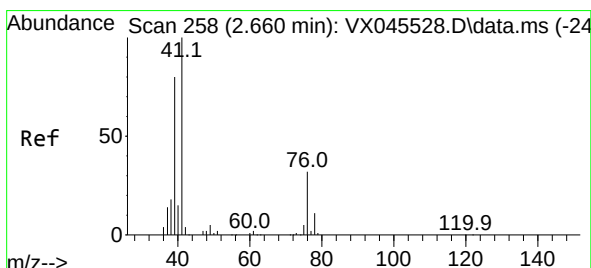
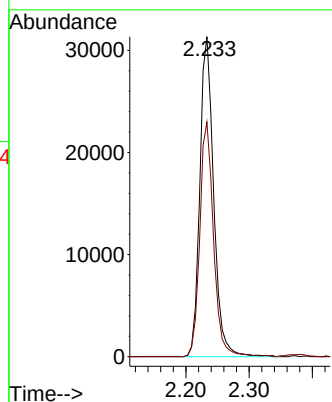
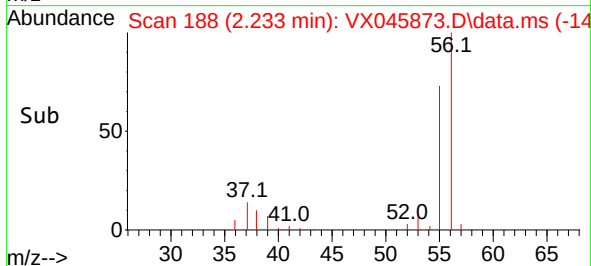
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 47774
Ion Ratio Lower Upper
56 100
55 73.0 56.2 84.2

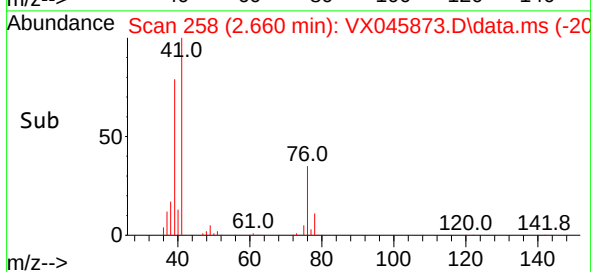
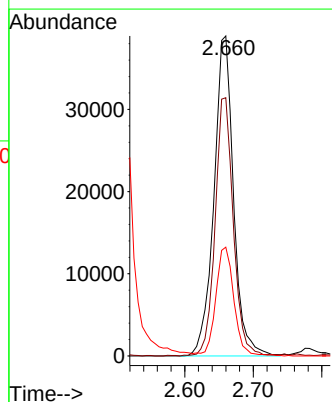
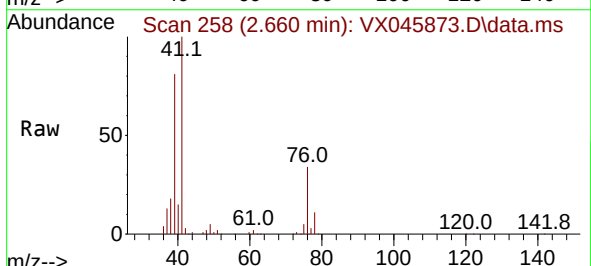
Manual Integrations
APPROVED

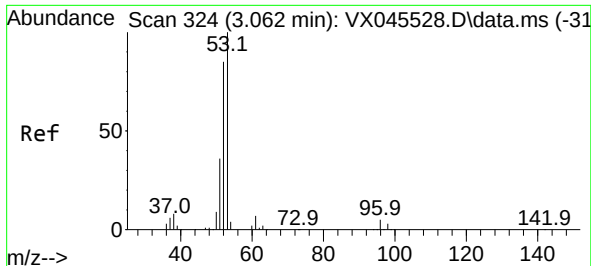
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#14
Allyl chloride
Concen: 50.067 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

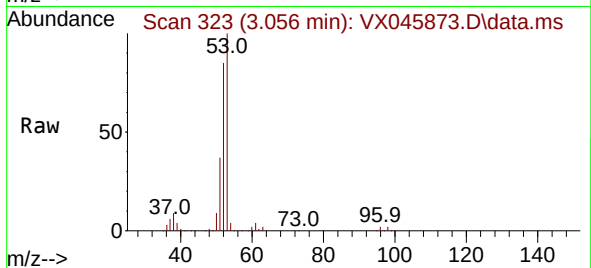
Tgt Ion: 41 Resp: 77298
Ion Ratio Lower Upper
41 100
39 74.8 60.2 90.2
76 31.2 24.6 36.8





#15
Acrylonitrile
Concen: 232.533 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

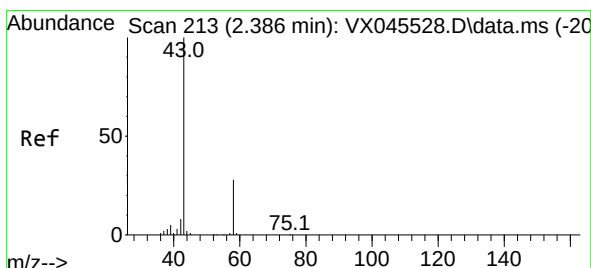
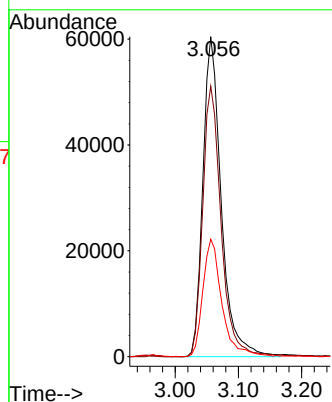
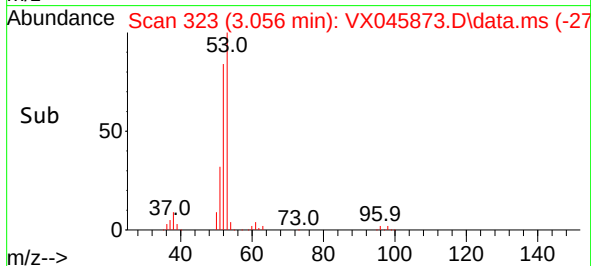
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 122273
Ion Ratio Lower Upper
53 100
52 84.8 67.4 101.2
51 38.4 29.9 44.9

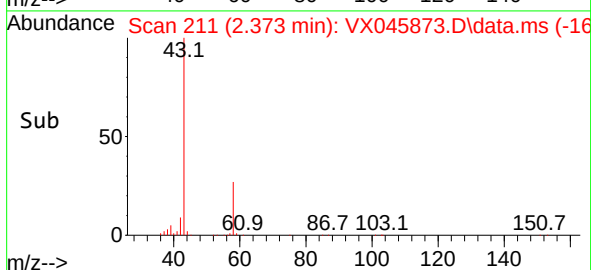
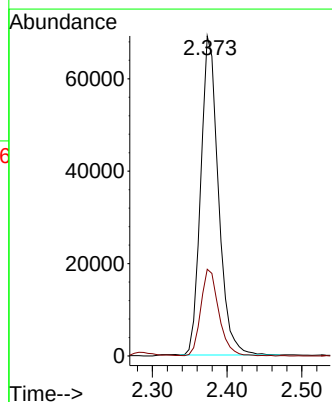
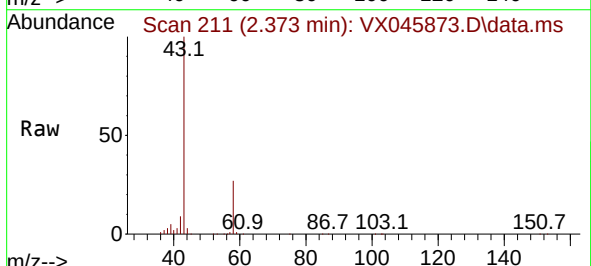
Manual Integrations
APPROVED

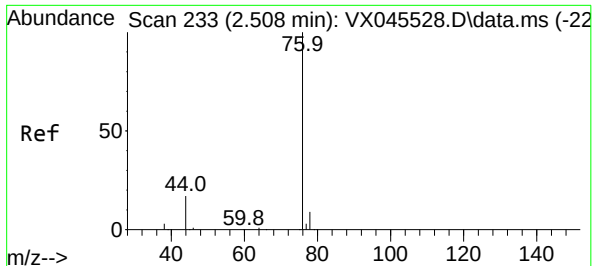
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#16
Acetone
Concen: 222.170 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 43 Resp: 113079
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 48.702 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 97870

Ion Ratio Lower Upper

76 100

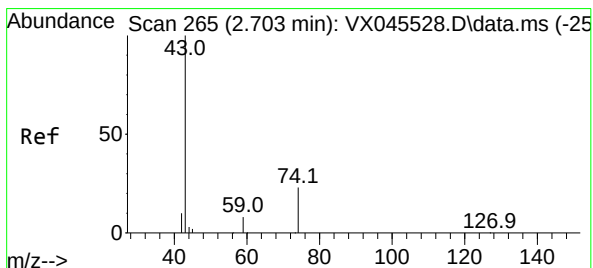
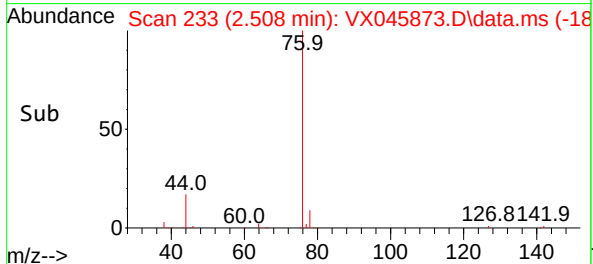
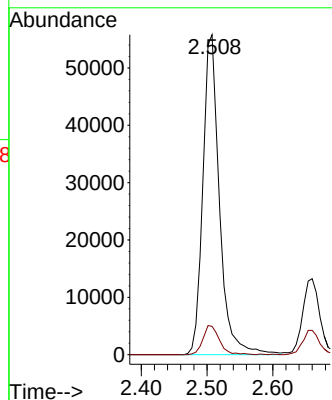
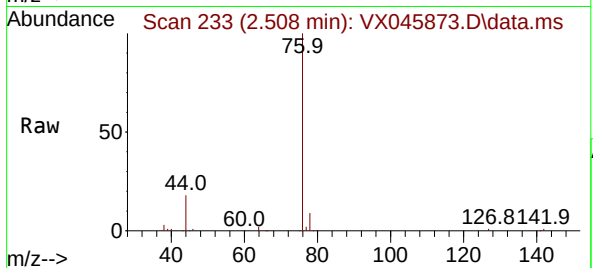
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#18

Methyl Acetate

Concen: 48.249 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045873.D

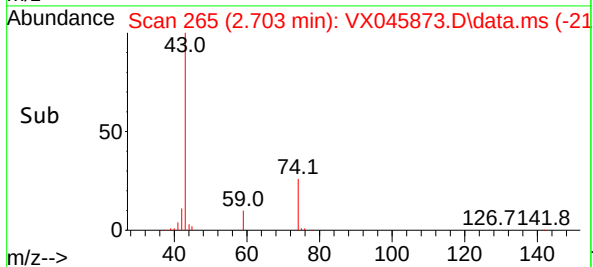
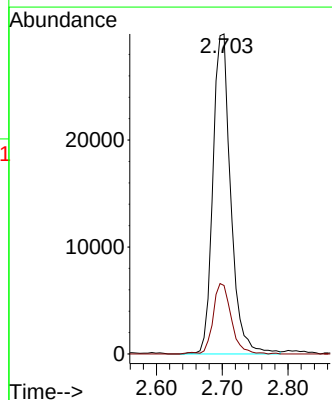
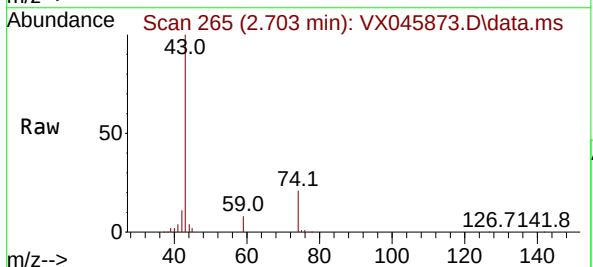
Acq: 21 Apr 2025 15:59

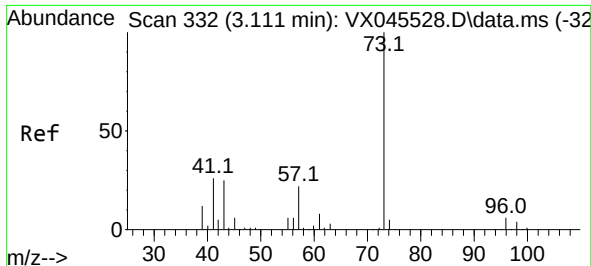
Tgt Ion: 43 Resp: 56540

Ion Ratio Lower Upper

43 100

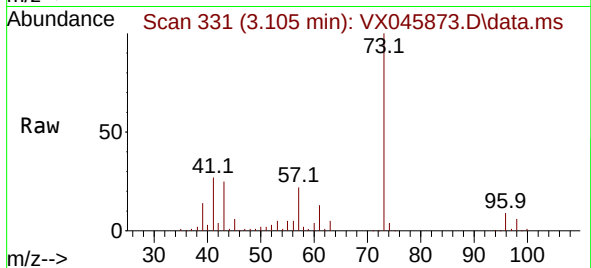
74 22.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 47.279 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

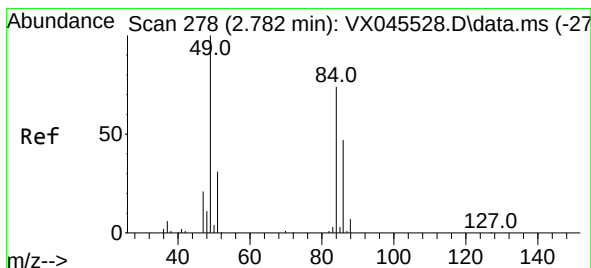
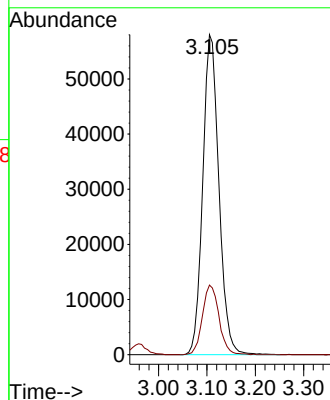
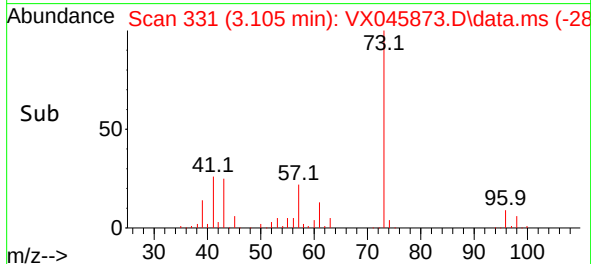
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 134579
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

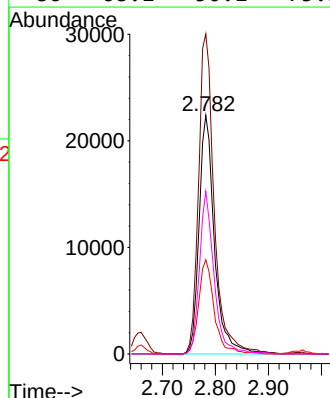
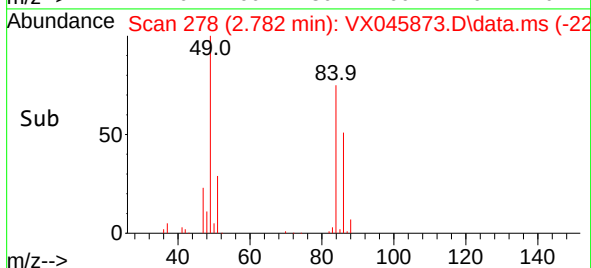
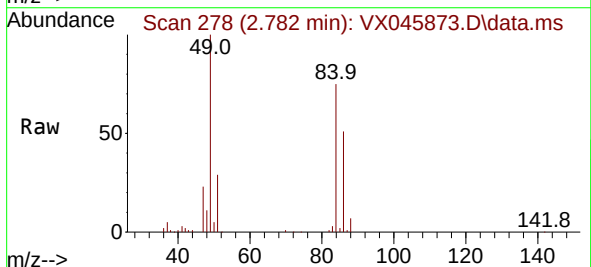
Manual Integrations
APPROVED

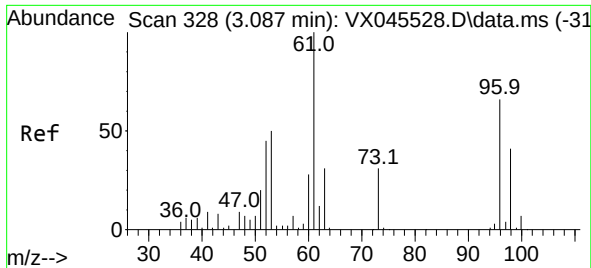
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#20
Methylene Chloride
Concen: 47.607 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

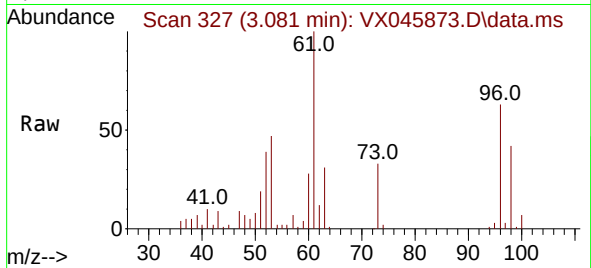
Tgt Ion: 84 Resp: 45363
Ion Ratio Lower Upper
84 100
49 134.2 107.5 161.3
51 39.5 33.0 49.6
86 68.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 47.351 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

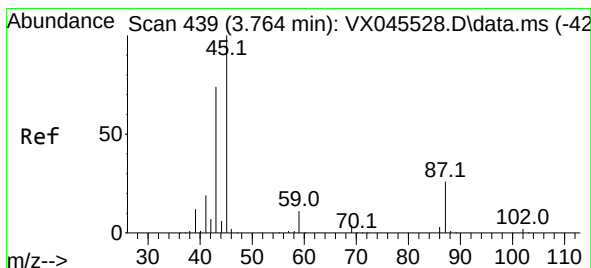
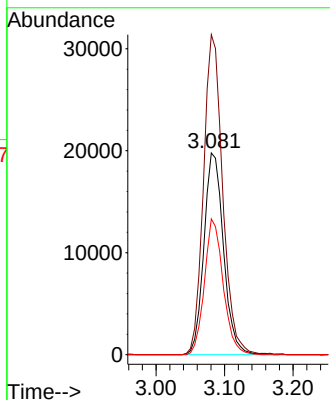
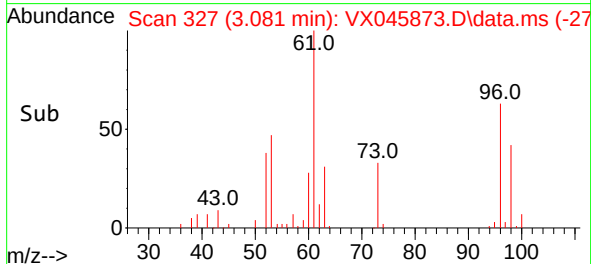
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 39362
Ion Ratio Lower Upper
96 100
61 158.6 121.0 181.6
98 67.4 49.7 74.5

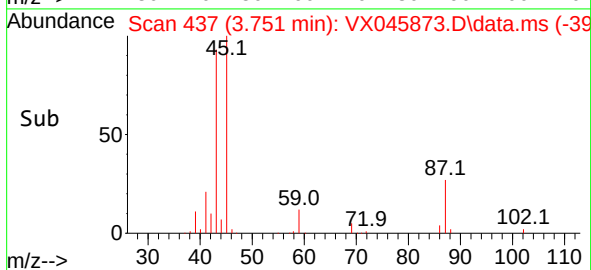
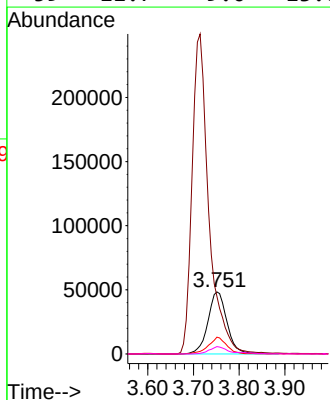
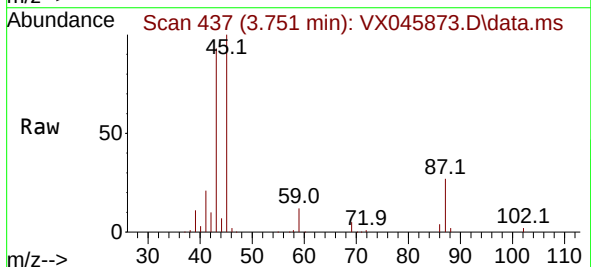
Manual Integrations
APPROVED

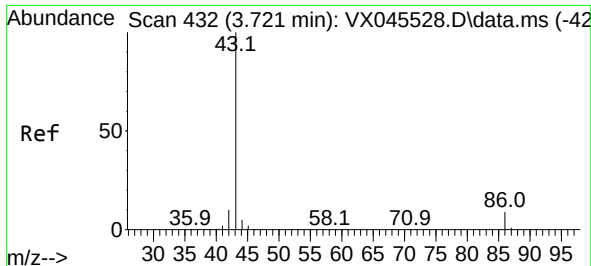
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#22
Diisopropyl ether
Concen: 46.202 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

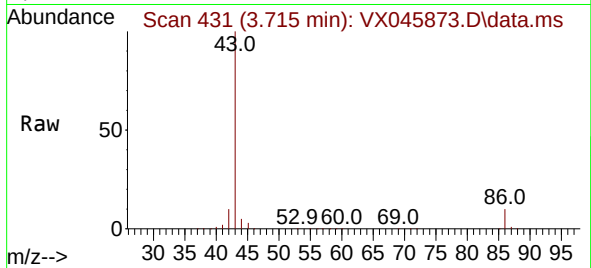
Tgt Ion: 45 Resp: 140510
Ion Ratio Lower Upper
45 100
43 92.4 59.3 88.9#
87 27.1 20.4 30.6
59 11.7 9.0 13.6





#23
Vinyl Acetate
Concen: 242.255 ug/l
RT: 3.715 min Scan# 411
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

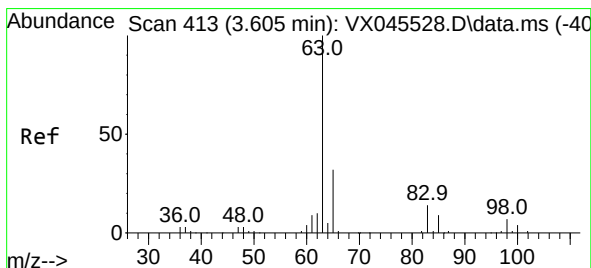
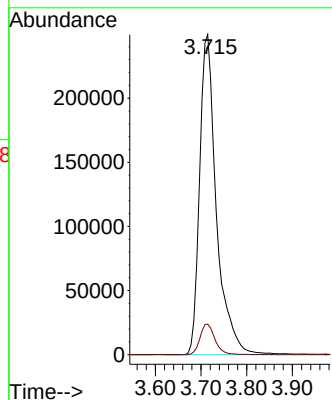
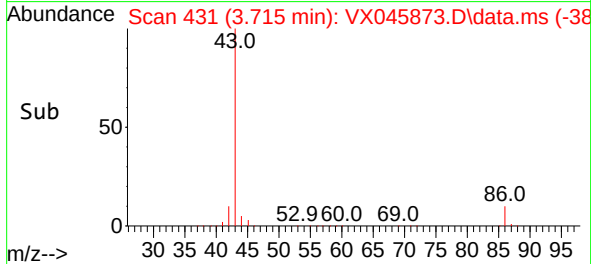
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 636549
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3

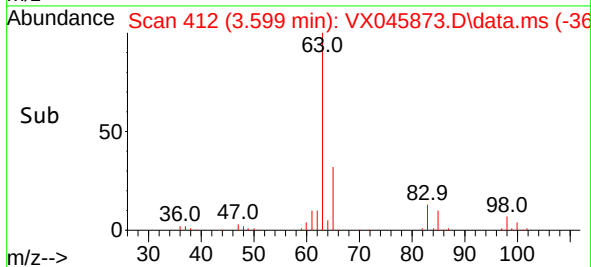
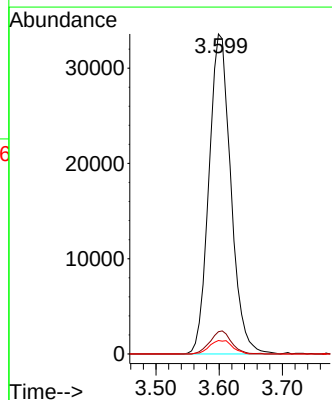
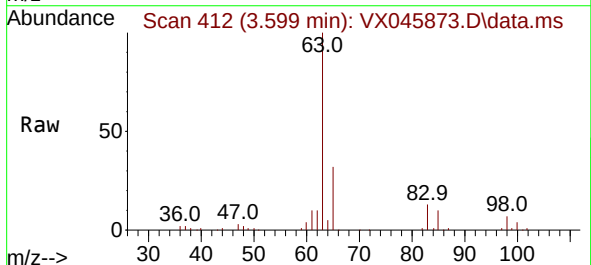
Manual Integrations
APPROVED

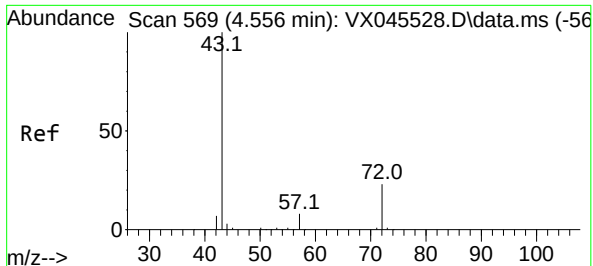
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#24
1,1-Dichloroethane
Concen: 46.917 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

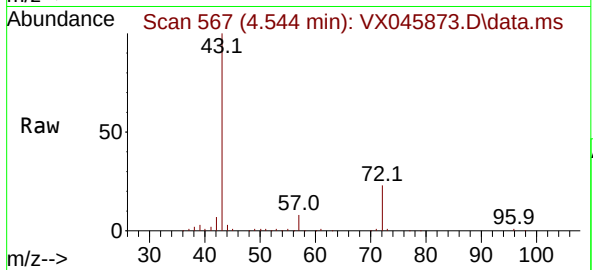
Tgt Ion: 63 Resp: 80694
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.1
100 4.2 2.2 6.6





#25
2-Butanone
Concen: 226.921 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

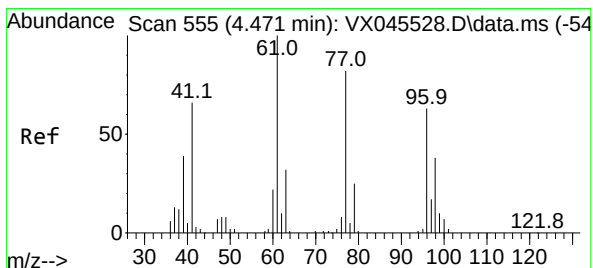
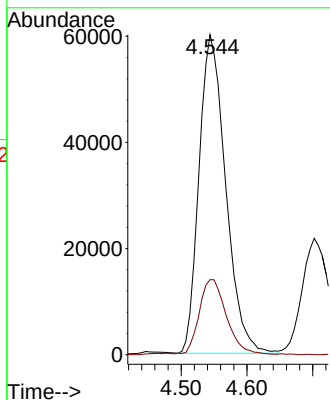
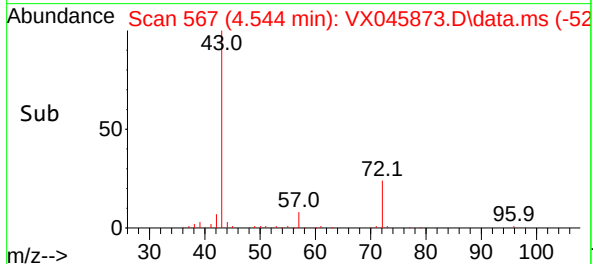
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 169064
Ion Ratio Lower Upper
43 100
72 23.4 18.6 28.0

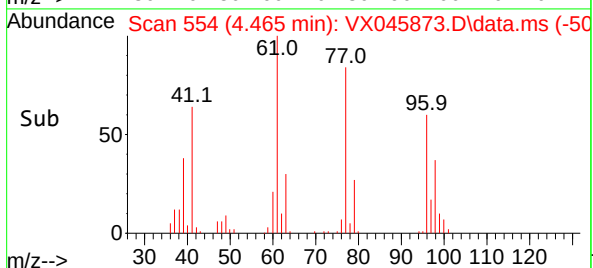
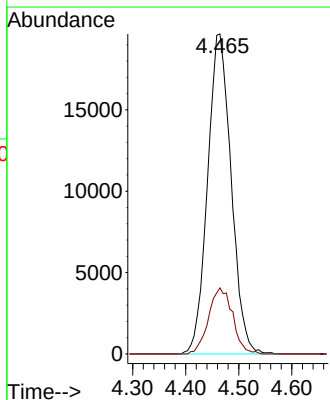
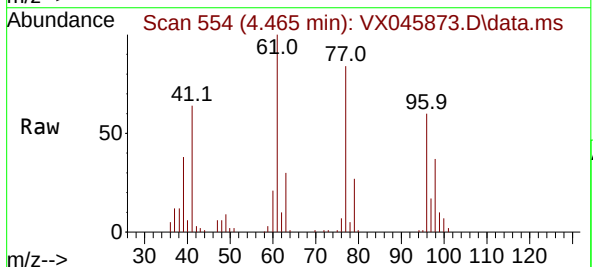
Manual Integrations
APPROVED

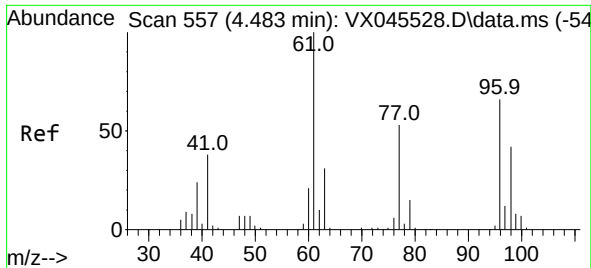
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#26
2,2-Dichloropropane
Concen: 54.656 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

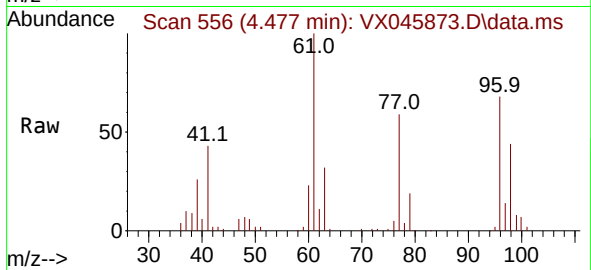
Tgt Ion: 77 Resp: 60735
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 47.614 ug/l
RT: 4.477 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

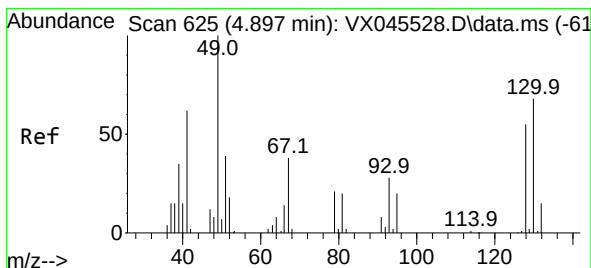
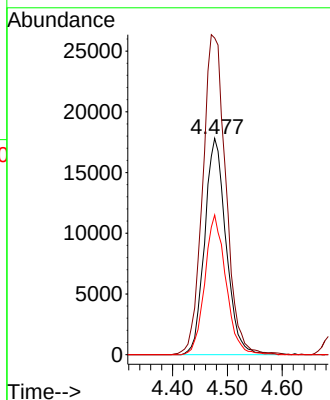
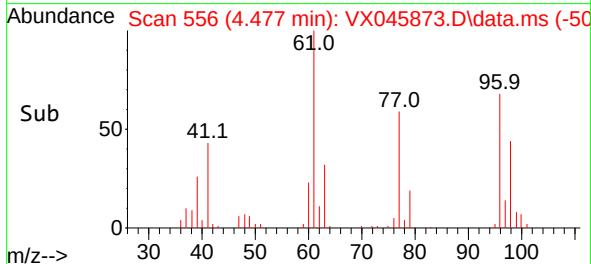
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4822
Ion Ratio Lower Upper
96 100
61 160.3 0.0 313.2
98 63.6 0.0 126.4

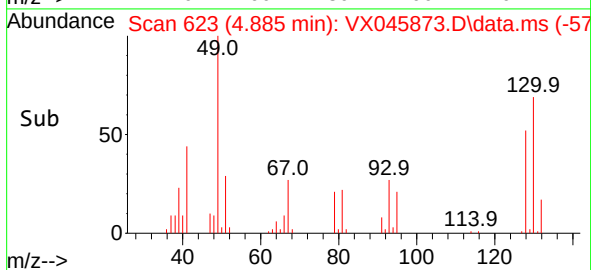
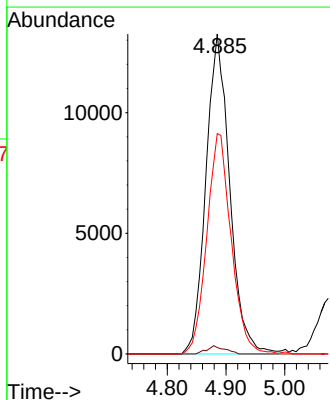
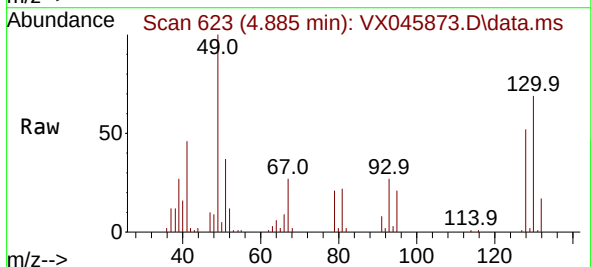
Manual Integrations
APPROVED

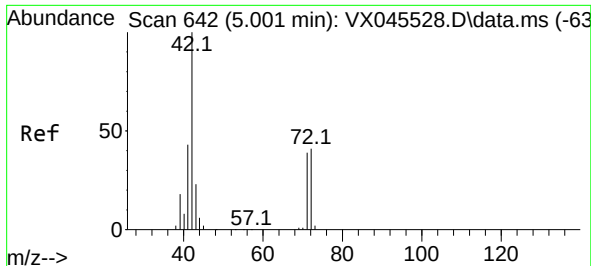
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#28
Bromochloromethane
Concen: 44.872 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 49 Resp: 37295
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 70.4 54.6 81.8





#29

Tetrahydrofuran

Concen: 222.702 ug/l

RT: 4.989 min Scan# 642

Delta R.T. -0.012 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 107572

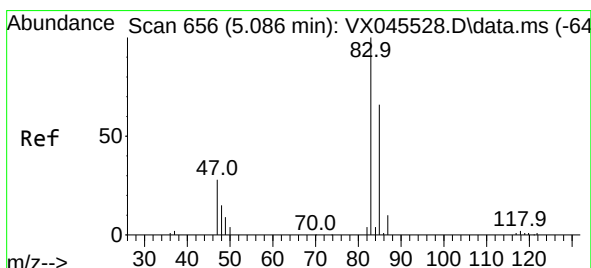
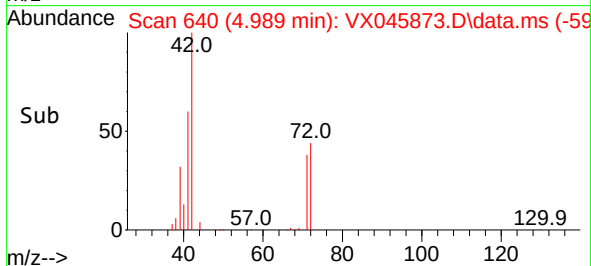
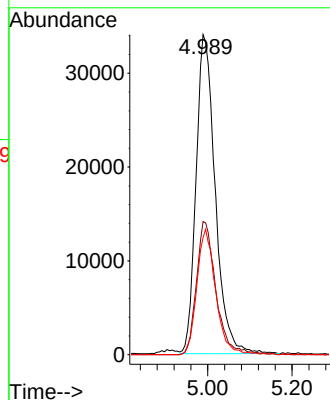
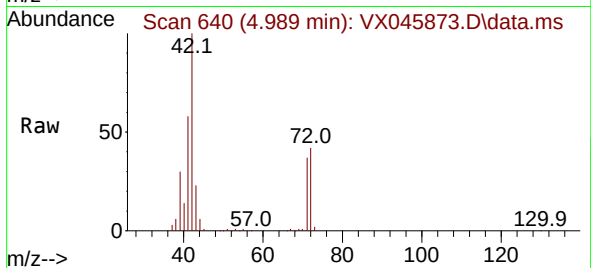
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.4	50.0
71	38.5	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#30

Chloroform

Concen: 47.909 ug/l

RT: 5.080 min Scan# 655

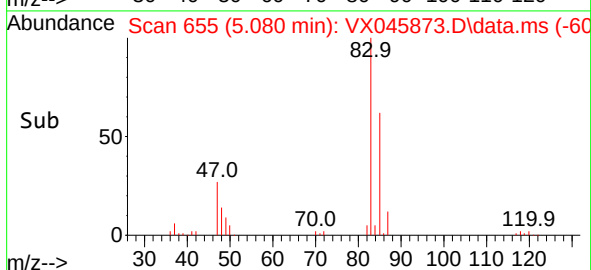
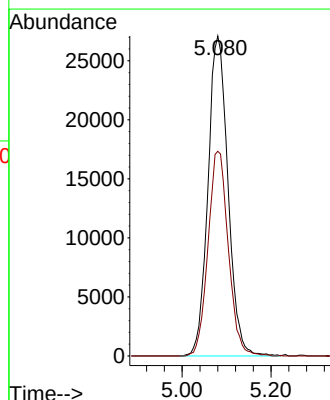
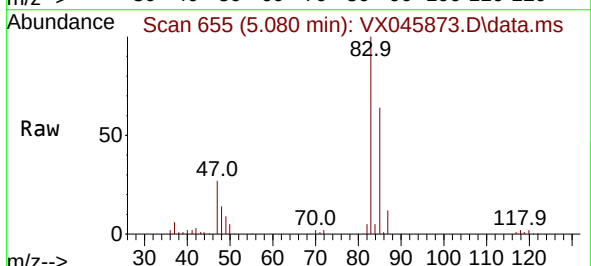
Delta R.T. -0.006 min

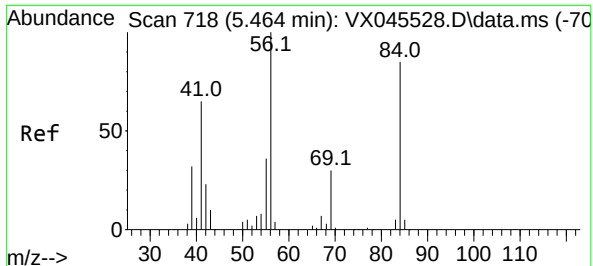
Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Tgt Ion: 83 Resp: 84787

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.8	79.2





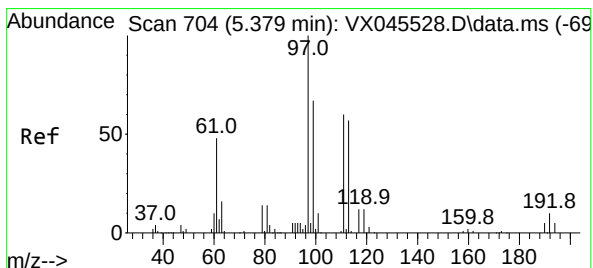
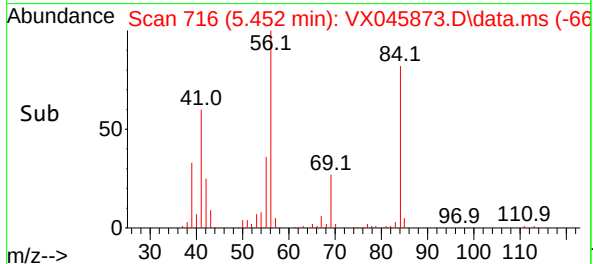
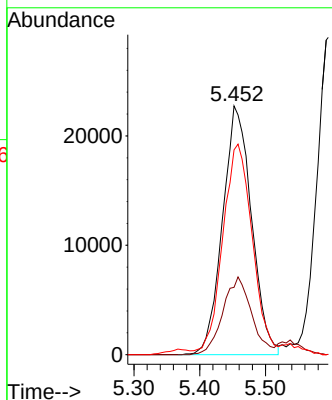
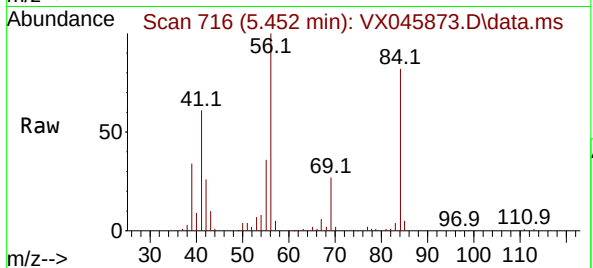
#31
Cyclohexane
Concen: 45.841 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 6970
Ion Ratio Lower Upper
56 100
69 27.1 23.6 35.4
84 80.1 67.7 101.5

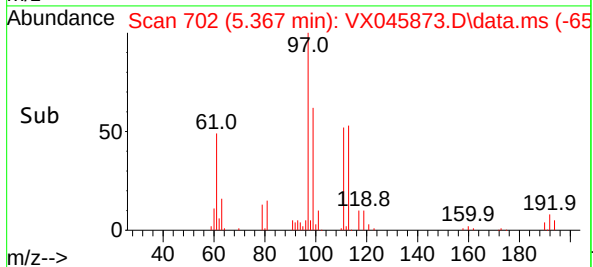
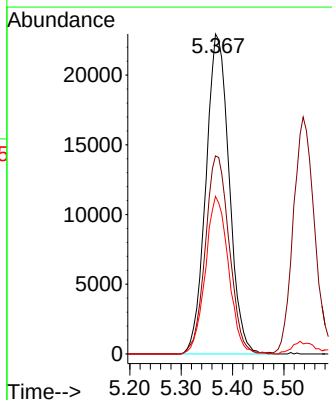
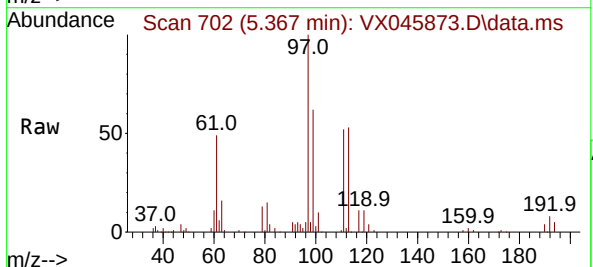
Manual Integrations
APPROVED

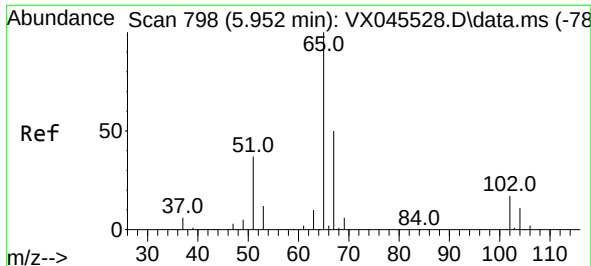
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#32
1,1,1-Trichloroethane
Concen: 48.195 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 97 Resp: 72172
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 49.1 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 44.653 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 5534

Ion Ratio Lower Upper

65 100

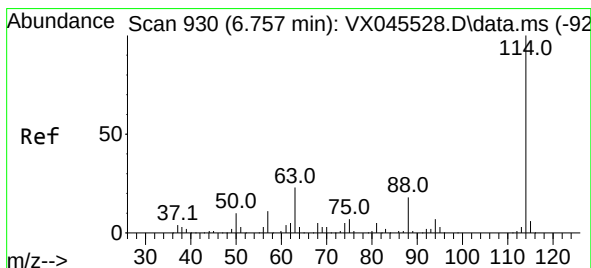
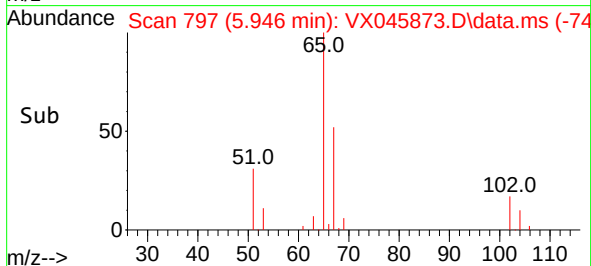
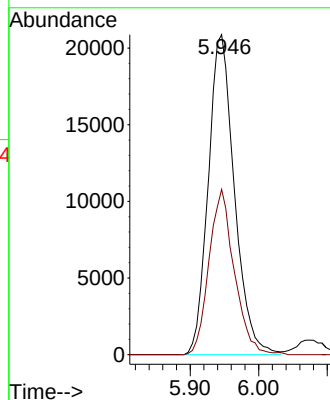
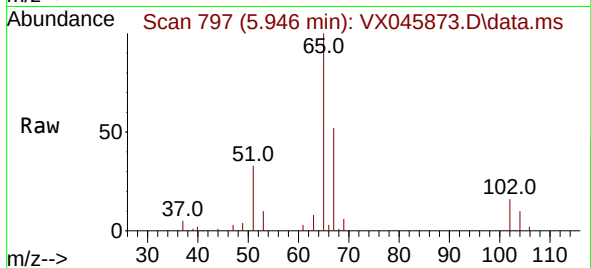
67 50.0 0.0 99.0

Manual Integrations

APPROVED

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: VX045873.D

Acq: 21 Apr 2025 15:59

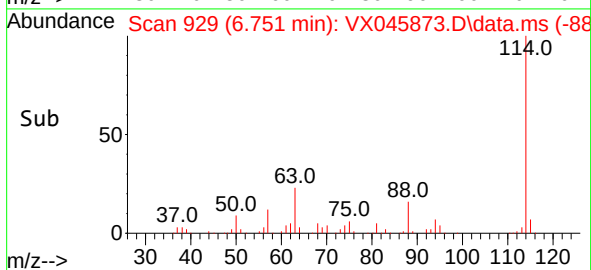
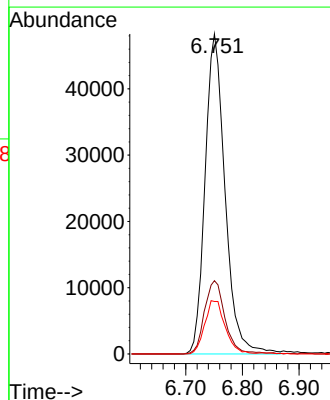
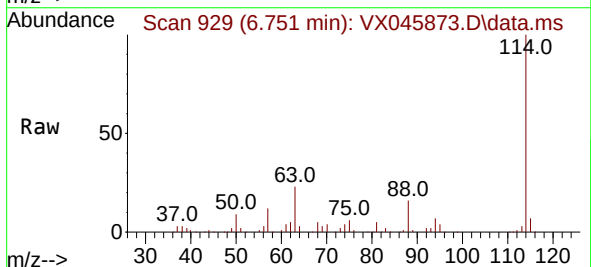
Tgt Ion:114 Resp: 118152

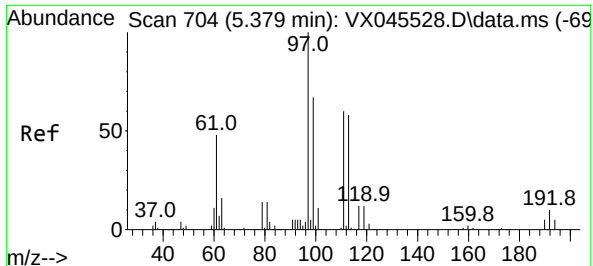
Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.8

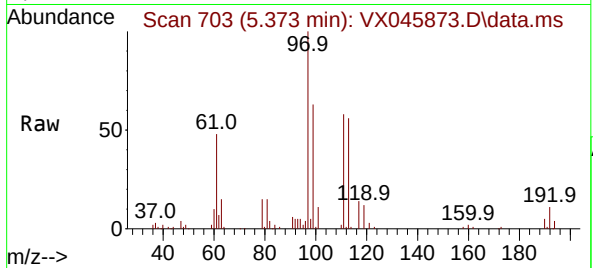
88 16.4 0.0 35.4





#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

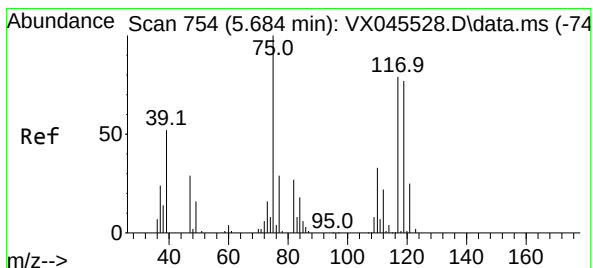
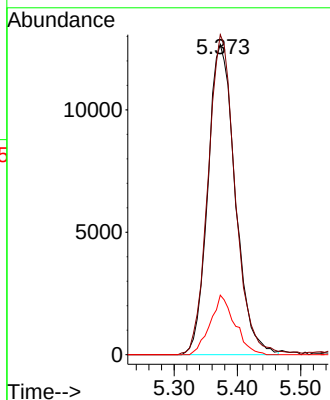
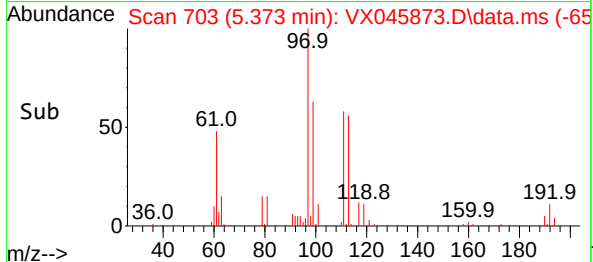
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 38078
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.3 13.8 20.6

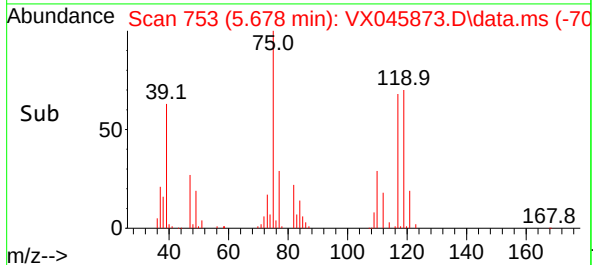
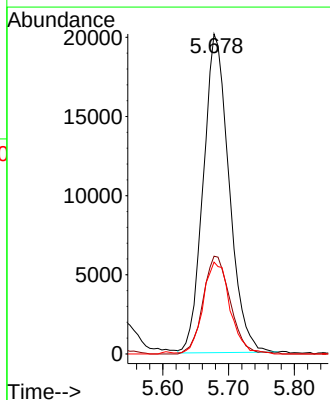
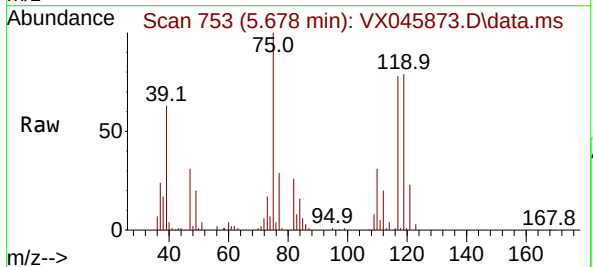
Manual Integrations
APPROVED

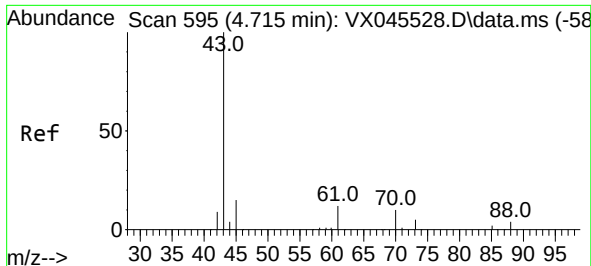
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#36
1,1-Dichloropropene
Concen: 48.532 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 75 Resp: 54931
Ion Ratio Lower Upper
75 100
110 32.4 16.9 50.6
77 30.2 25.0 37.4





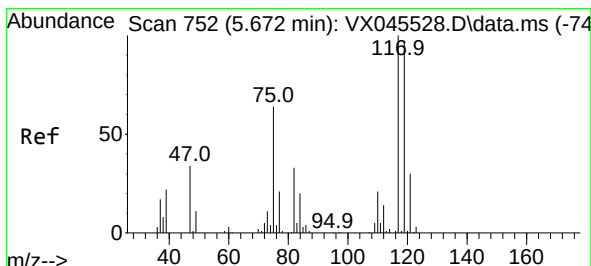
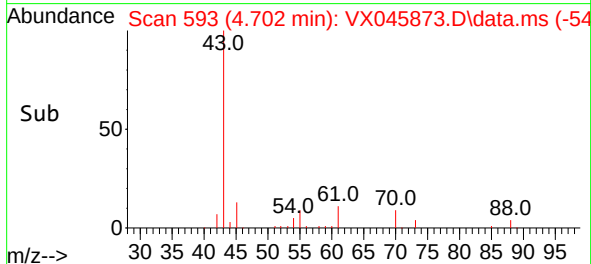
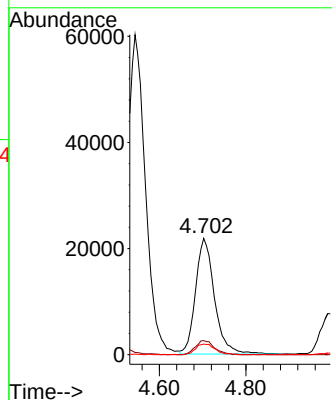
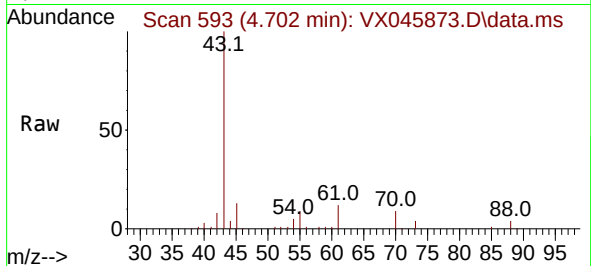
#37
Ethyl Acetate
Concen: 46.556 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 66400
Ion Ratio Lower Upper
43 100
61 12.3 9.9 14.9
70 9.4 7.5 11.3

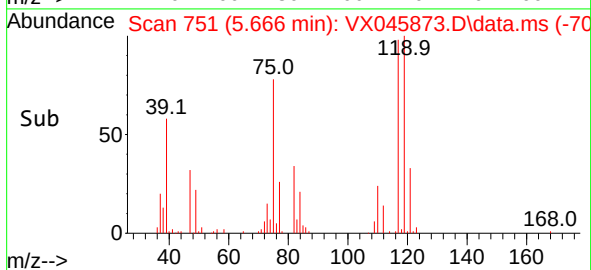
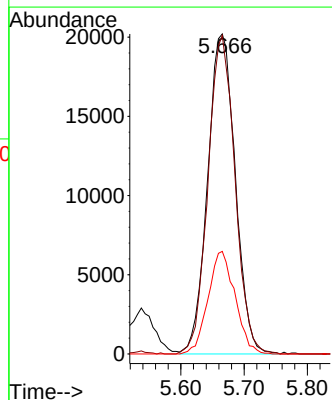
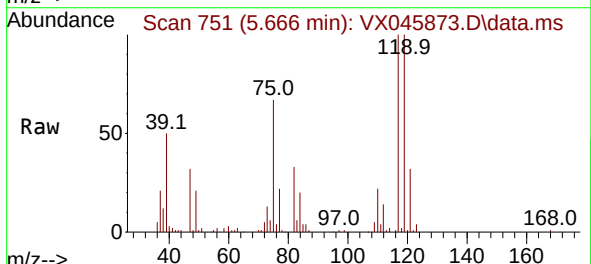
Manual Integrations
APPROVED

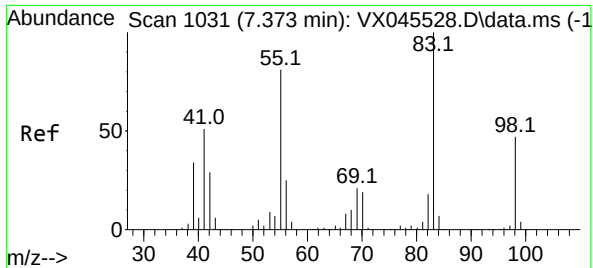
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#38
Carbon Tetrachloride
Concen: 50.279 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion:117 Resp: 61504
Ion Ratio Lower Upper
117 100
119 99.6 76.9 115.3
121 32.0 24.2 36.2





#39

Methylcyclohexane

Concen: 49.919 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 69259

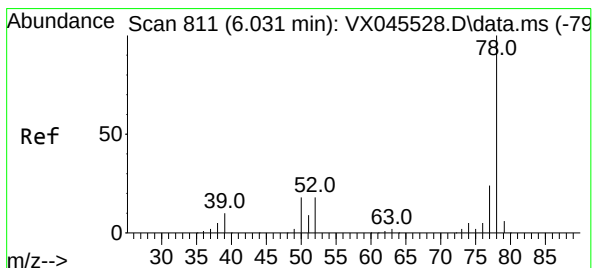
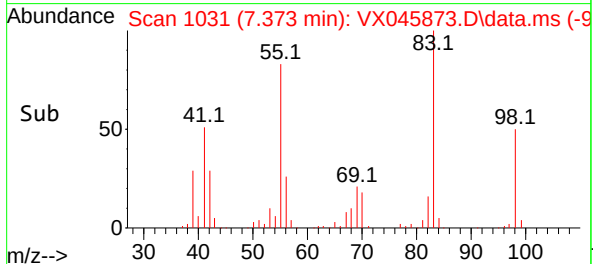
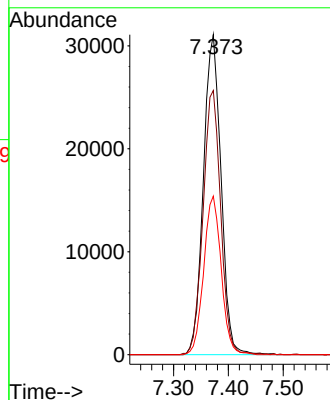
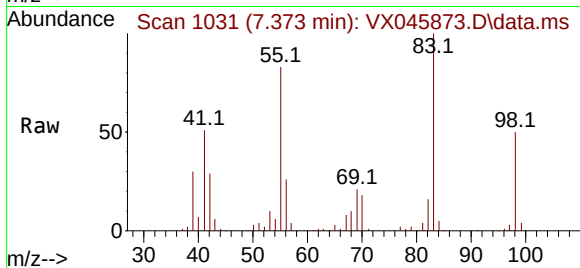
Ion	Ratio	Lower	Upper
83	100		
55	82.6	64.9	97.3
98	49.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#40

Benzene

Concen: 47.133 ug/l

RT: 6.025 min Scan# 810

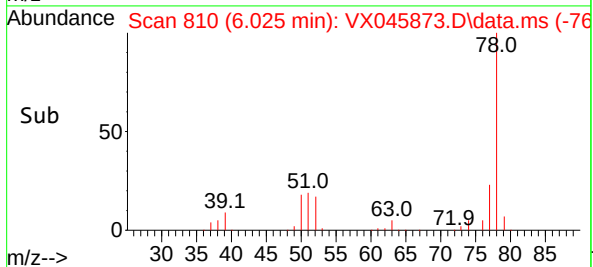
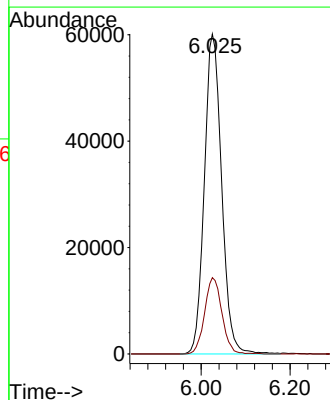
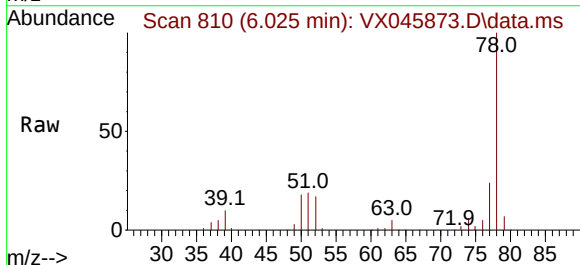
Delta R.T. -0.006 min

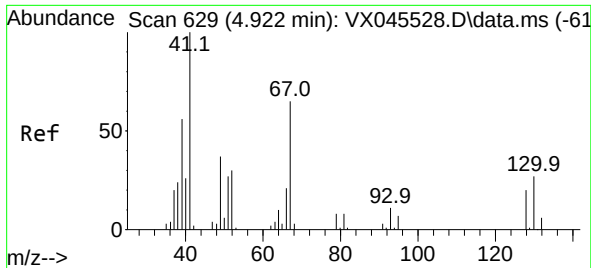
Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Tgt Ion: 78 Resp: 162930

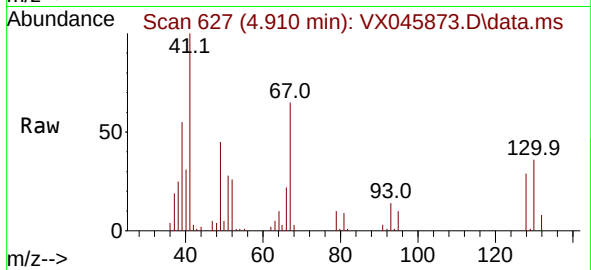
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 50.473 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

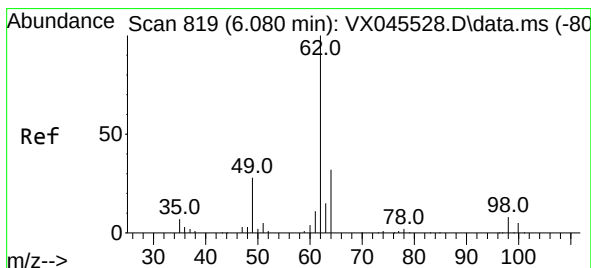
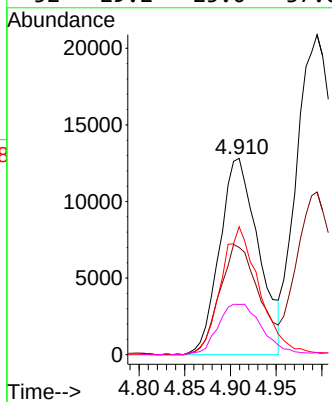
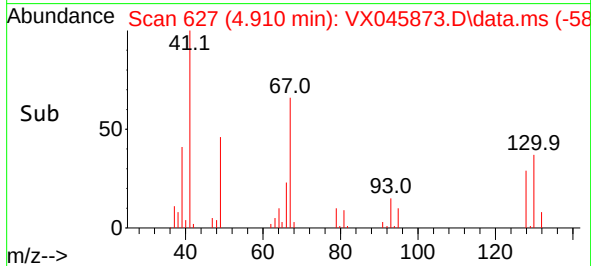
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 3798
Ion Ratio	Lower Upper
41 100	
39 57.2	47.0 70.6
67 65.0	53.2 79.8
52 29.2	25.0 37.6

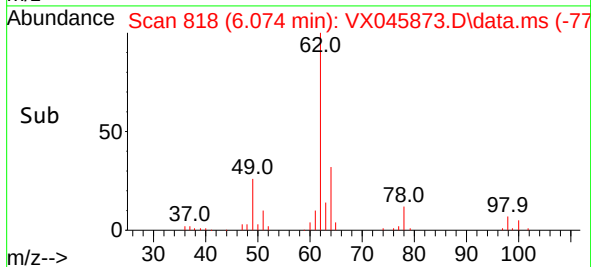
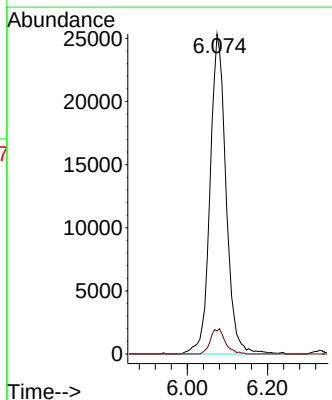
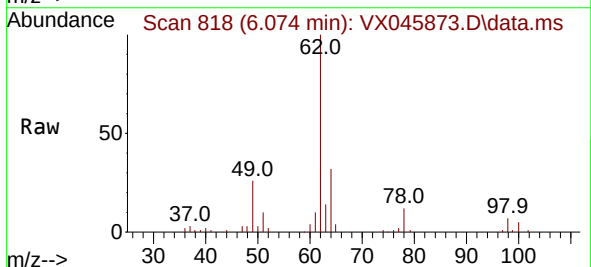
Manual Integrations
APPROVED

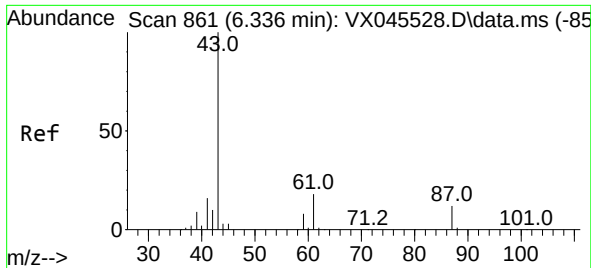
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#42
1,2-Dichloroethane
Concen: 48.991 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

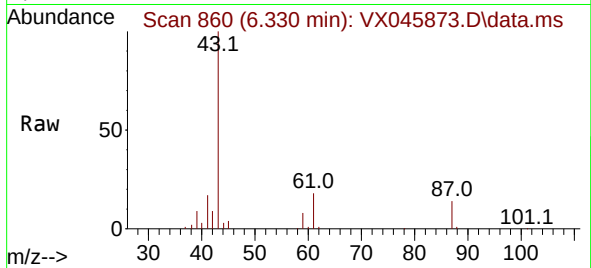
Tgt Ion: 62	Resp: 69947
Ion Ratio	Lower Upper
62 100	
98 7.3	0.0 15.2





#43
Isopropyl Acetate
Concen: 46.597 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

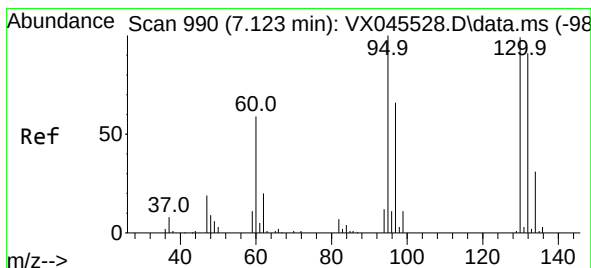
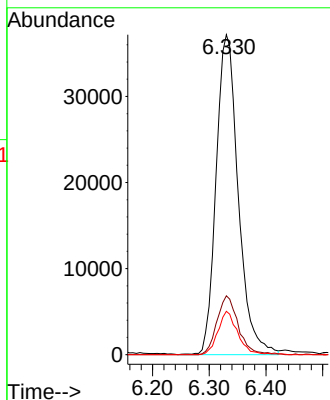
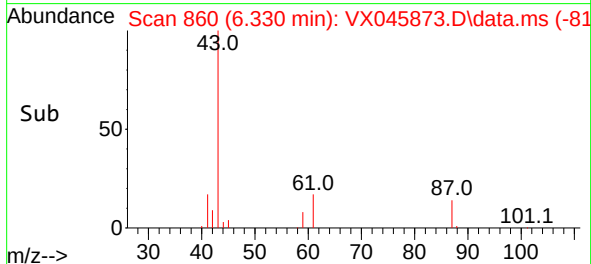
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100730
Ion Ratio Lower Upper
43 100
61 17.7 14.1 21.1
87 12.2 9.2 13.8

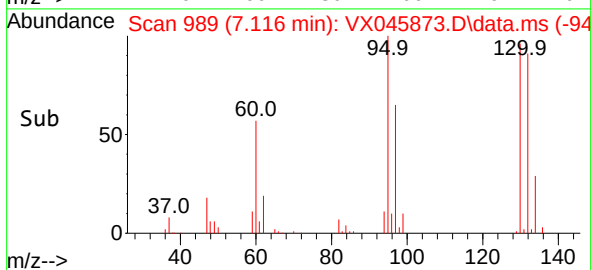
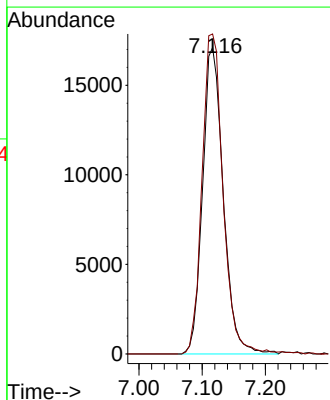
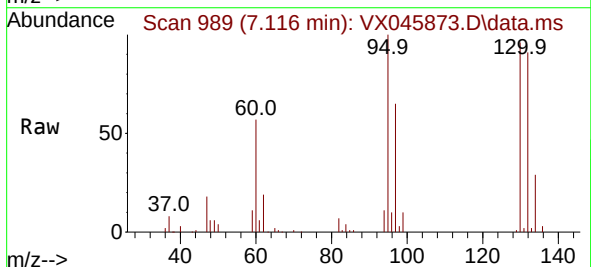
Manual Integrations
APPROVED

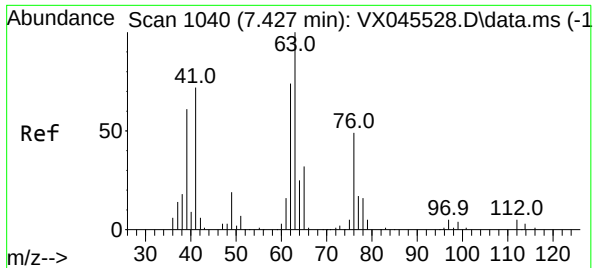
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#44
Trichloroethene
Concen: 47.476 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion:130 Resp: 39008
Ion Ratio Lower Upper
130 100
95 104.4 0.0 202.0





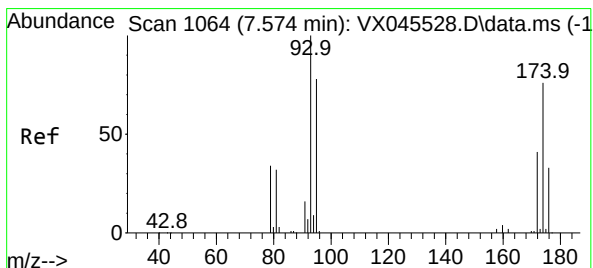
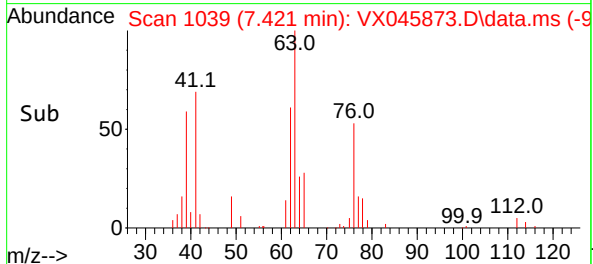
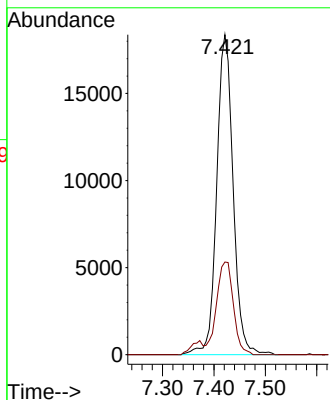
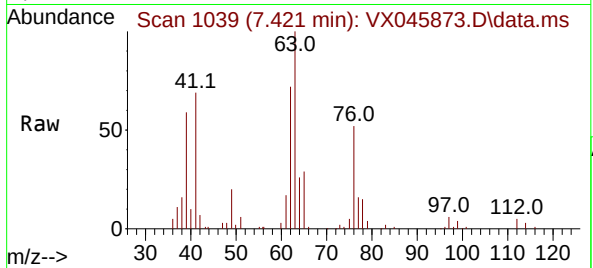
#45
1,2-Dichloropropane
Concen: 47.257 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 40759
Ion Ratio Lower Upper
63 100
65 29.0 25.8 38.6

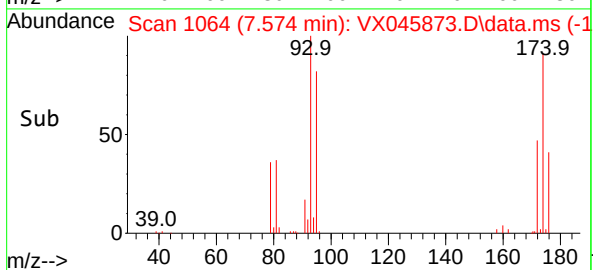
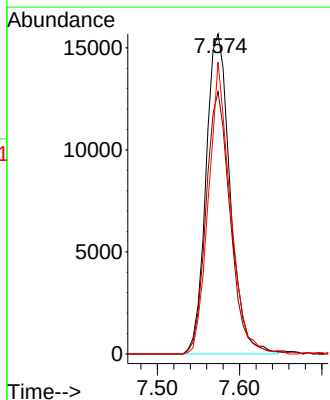
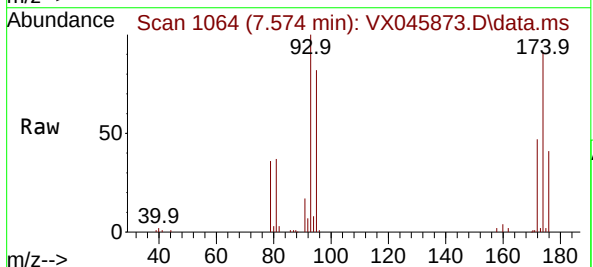
Manual Integrations
APPROVED

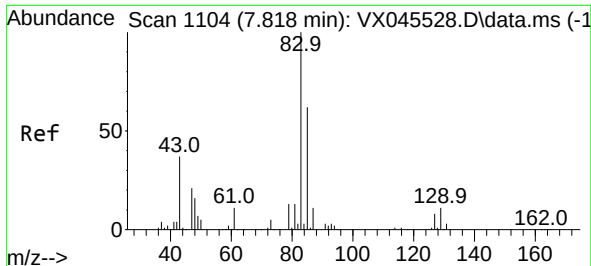
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#46
Dibromomethane
Concen: 48.373 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 93 Resp: 32028
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 82.8 65.4 98.0





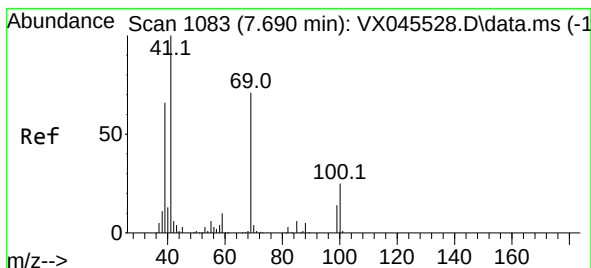
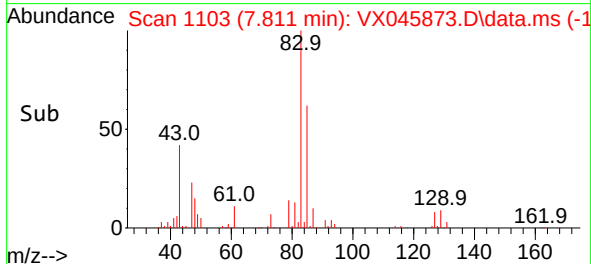
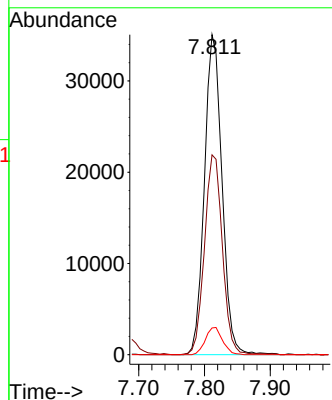
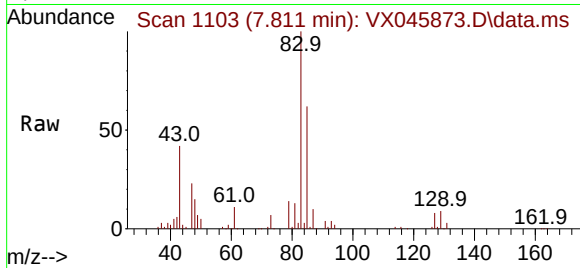
#47
Bromodichloromethane
Concen: 49.435 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 6536
Ion Ratio Lower Upper
83 100
85 62.4 49.7 74.5
127 8.4 6.1 9.1

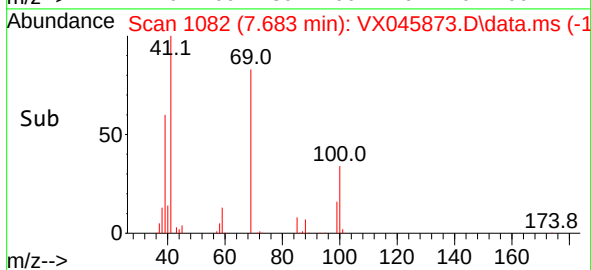
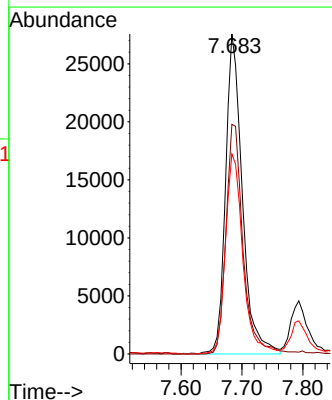
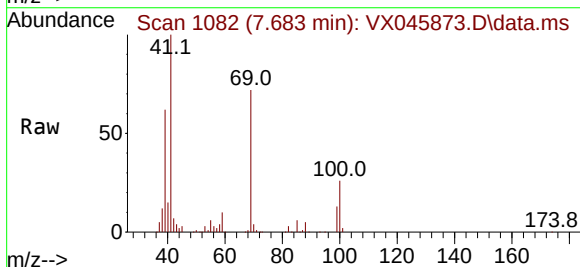
Manual Integrations
APPROVED

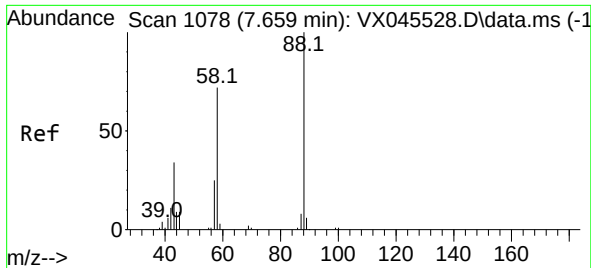
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#48
Methyl methacrylate
Concen: 47.298 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 41 Resp: 52795
Ion Ratio Lower Upper
41 100
69 73.0 58.2 87.2
39 64.7 53.6 80.4





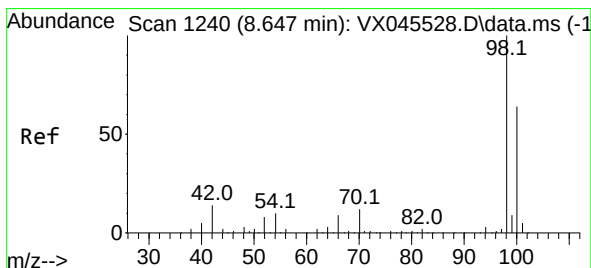
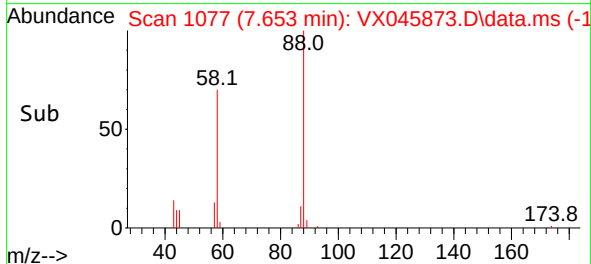
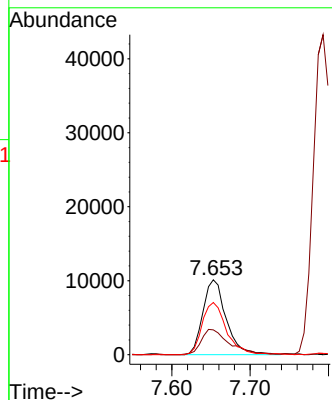
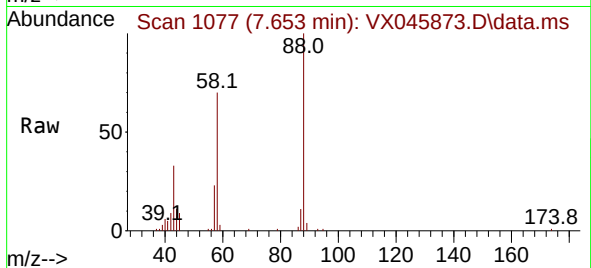
#49
1,4-Dioxane
Concen: 1030.841 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20818
Ion Ratio Lower Upper
88 100
43 41.2 32.2 48.4
58 72.3 58.6 88.0

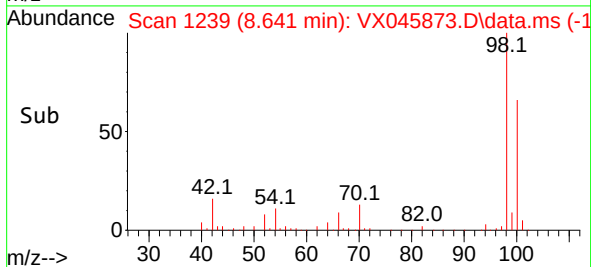
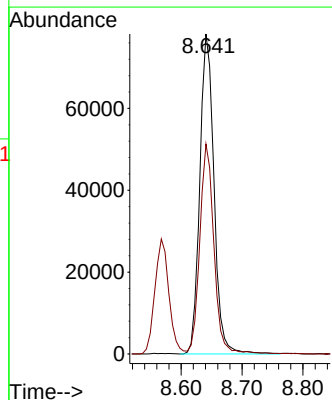
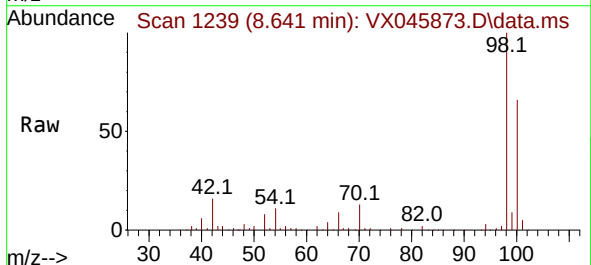
Manual Integrations
APPROVED

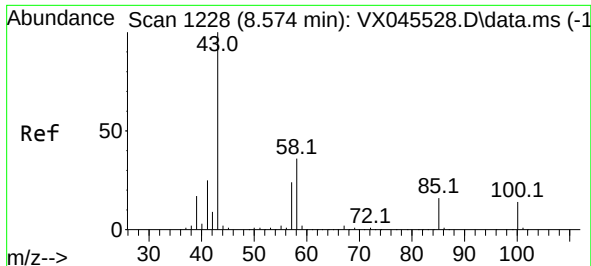
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#50
Toluene-d8
Concen: 43.205 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 98 Resp: 126415
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





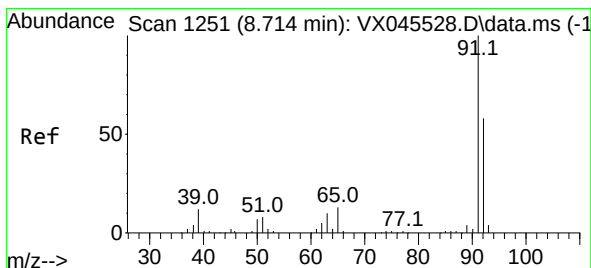
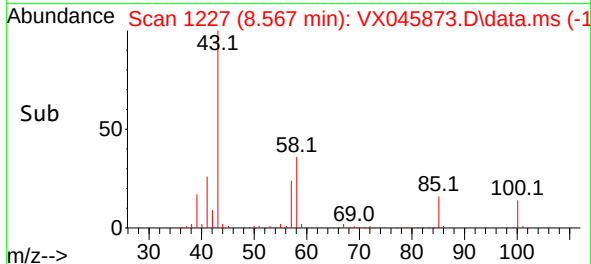
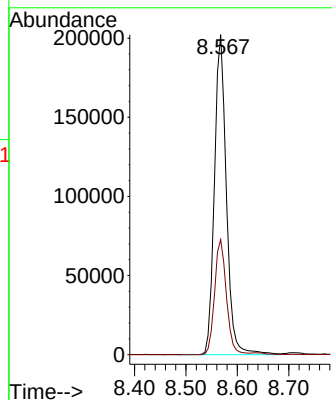
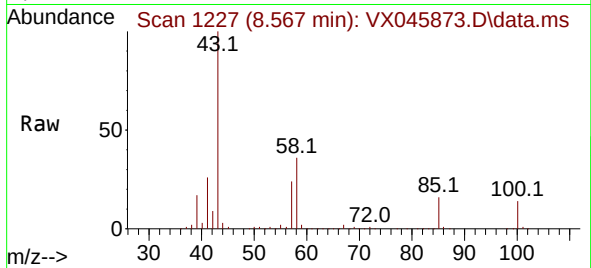
#51
4-Methyl-2-Pentanone
Concen: 228.178 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 327010
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

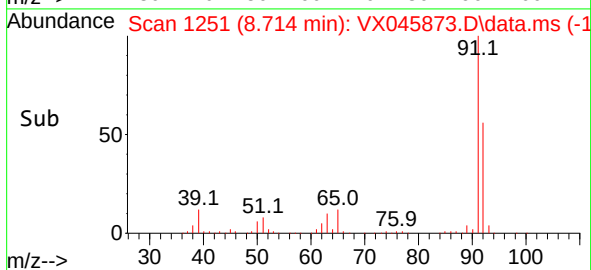
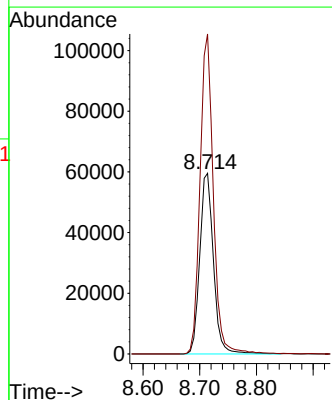
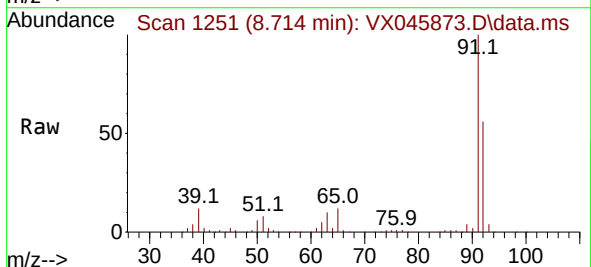
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APPROVED

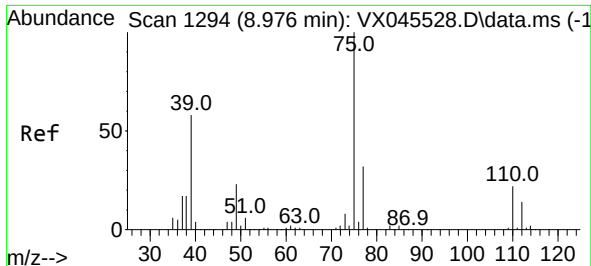
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#52
Toluene
Concen: 47.672 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 92 Resp: 99717
Ion Ratio Lower Upper
92 100
91 171.5 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 45.511 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 5759

Ion Ratio Lower Upper

75 100

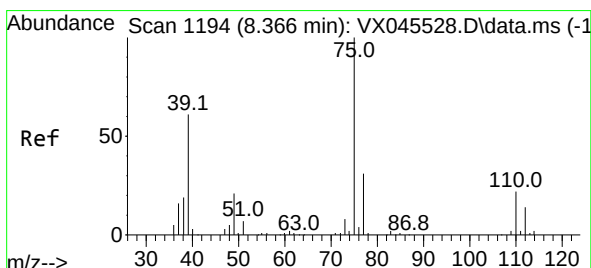
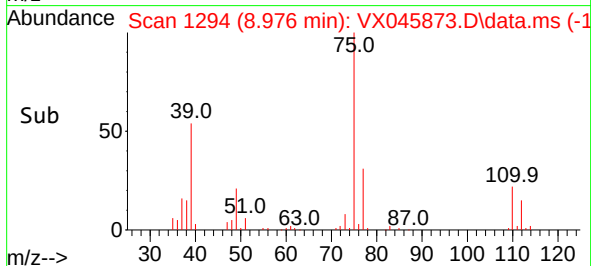
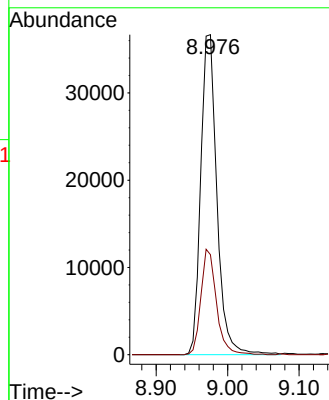
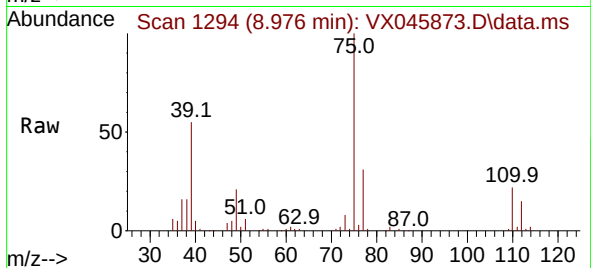
77 31.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#54

cis-1,3-Dichloropropene

Concen: 51.692 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

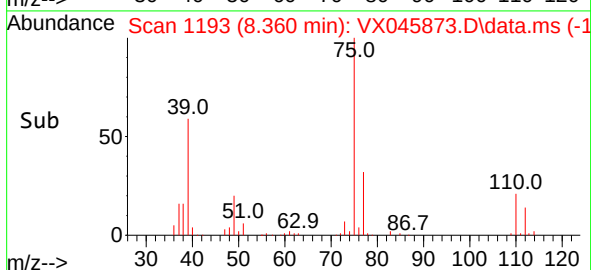
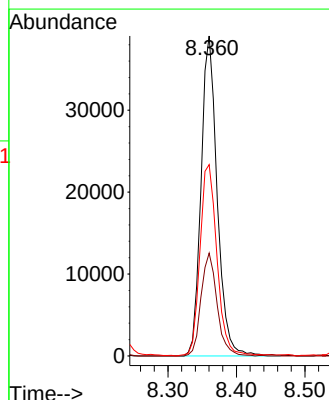
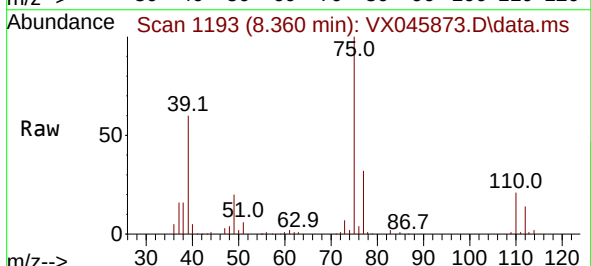
Tgt Ion: 75 Resp: 64230

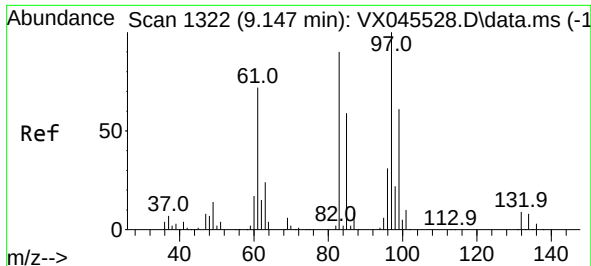
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

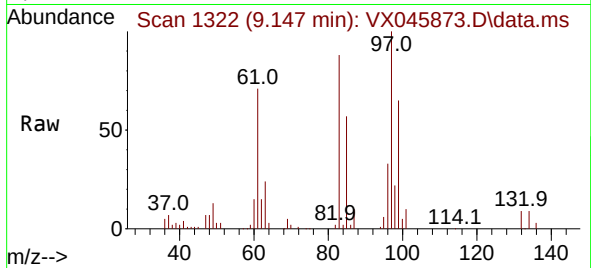
39 59.6 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 46.703 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

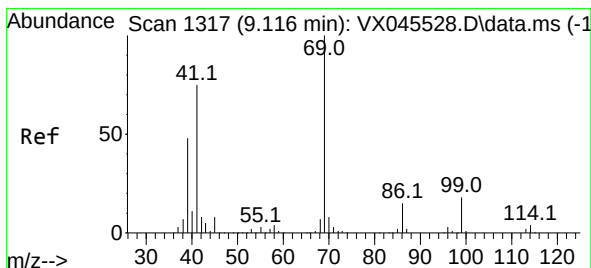
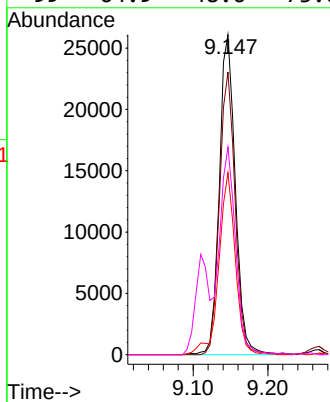
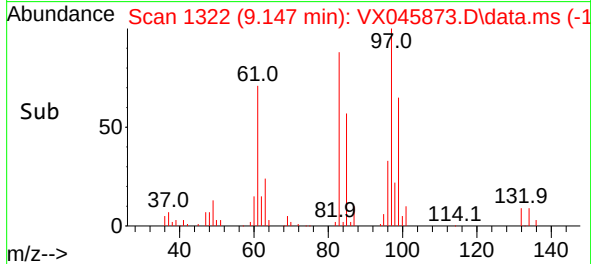
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



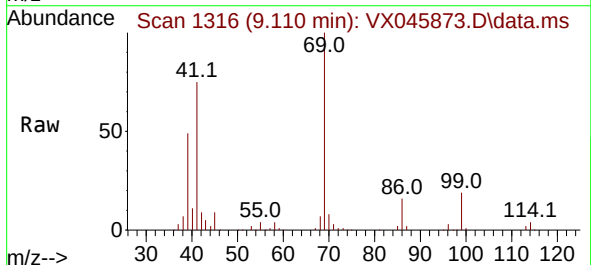
Tgt Ion: 97 Resp: 38928
Ion Ratio Lower Upper
97 100
83 88.3 71.8 107.8
85 56.8 47.0 70.6
99 64.9 48.6 73.0

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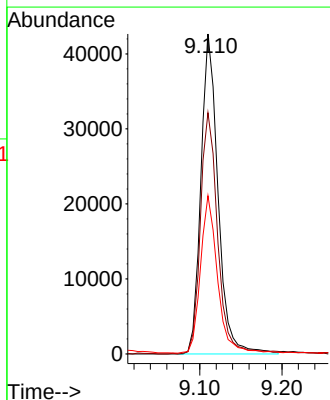
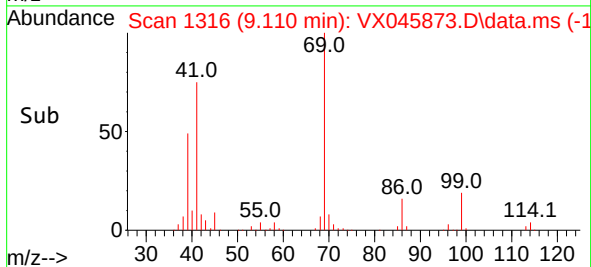
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

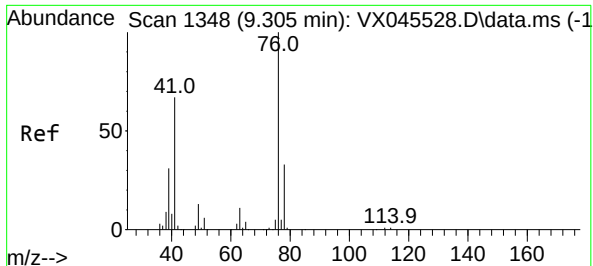


#56
Ethyl methacrylate
Concen: 47.930 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59



Tgt Ion: 69 Resp: 61828
Ion Ratio Lower Upper
69 100
41 77.1 61.3 91.9
39 48.8 40.2 60.2





#57

1,3-Dichloropropane

Concen: 47.233 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 6855

Ion Ratio Lower Upper

76 100

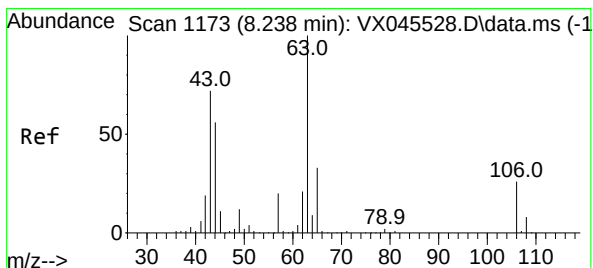
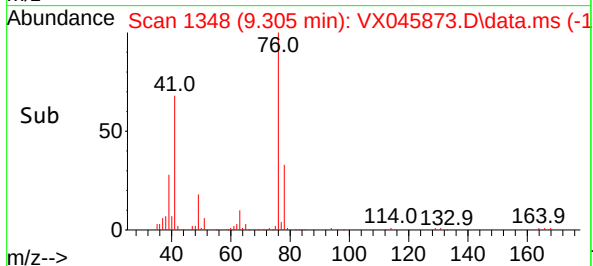
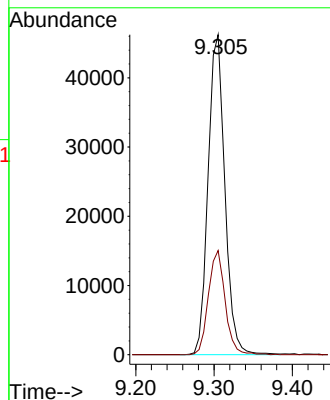
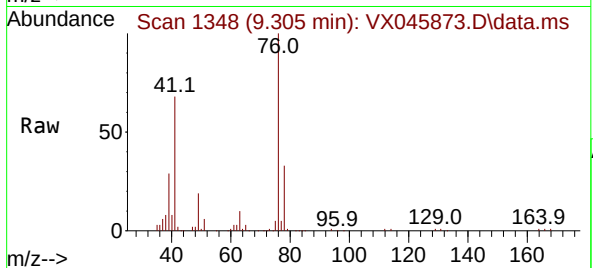
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 211.916 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045873.D

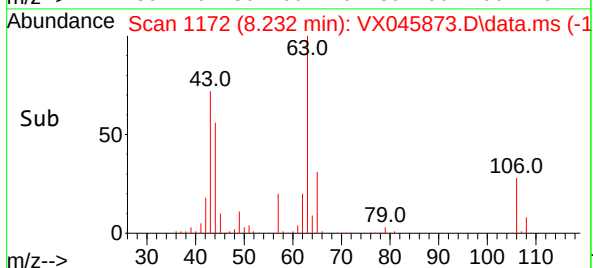
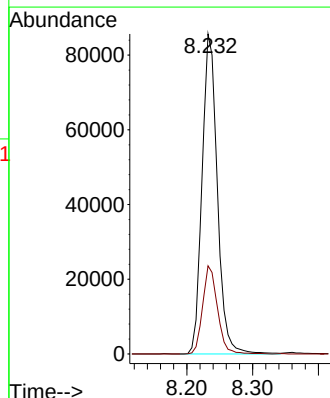
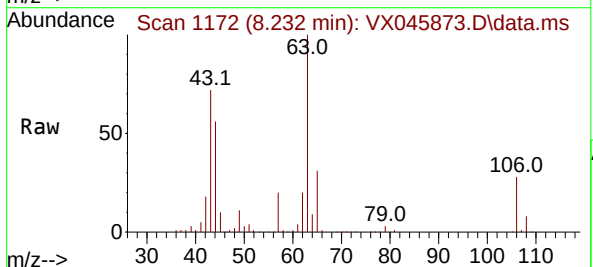
Acq: 21 Apr 2025 15:59

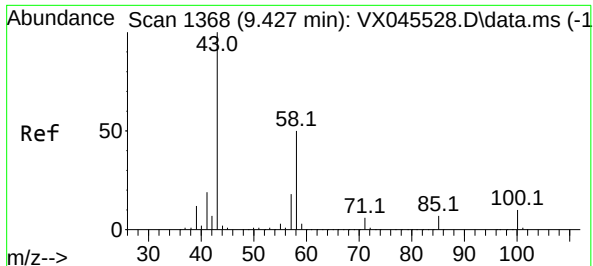
Tgt Ion: 63 Resp: 138288

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.6





#59

2-Hexanone

Concen: 226.194 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 240054

Ion Ratio Lower Upper

43 100

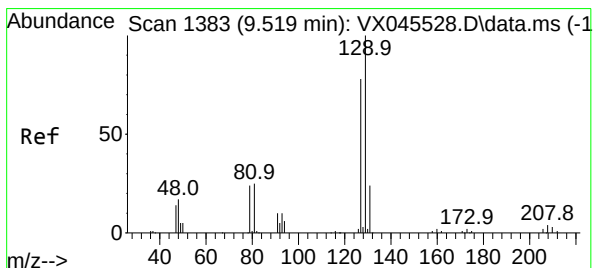
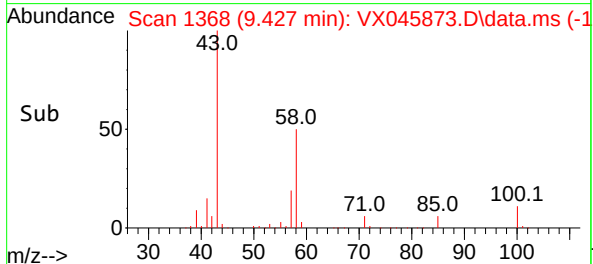
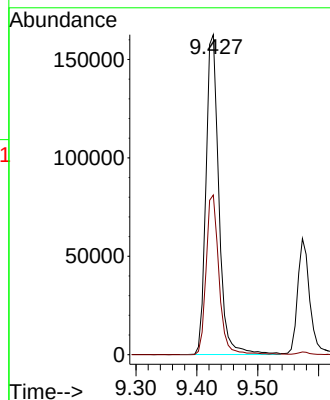
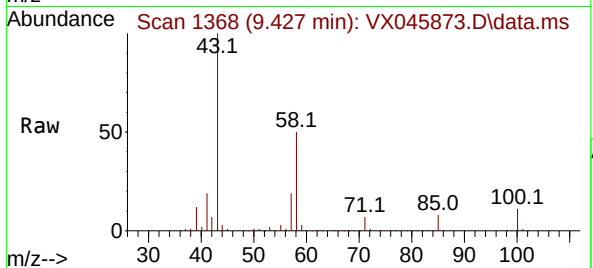
58 50.1 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#60

Dibromochloromethane

Concen: 49.812 ug/l

RT: 9.512 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VX045873.D

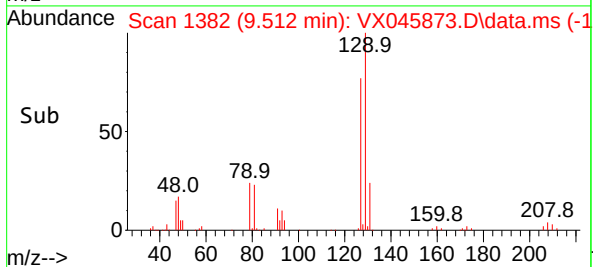
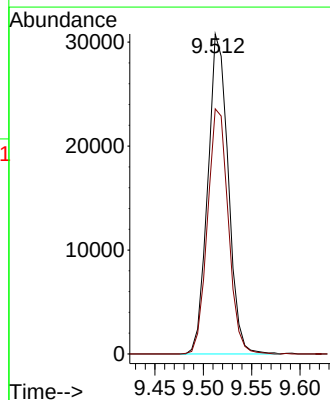
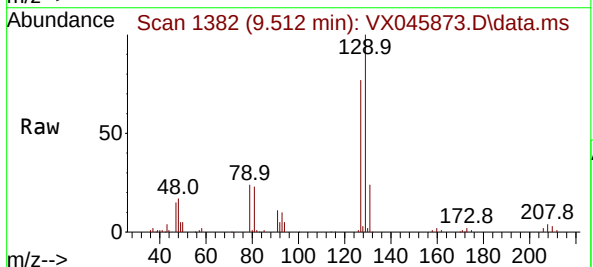
Acq: 21 Apr 2025 15:59

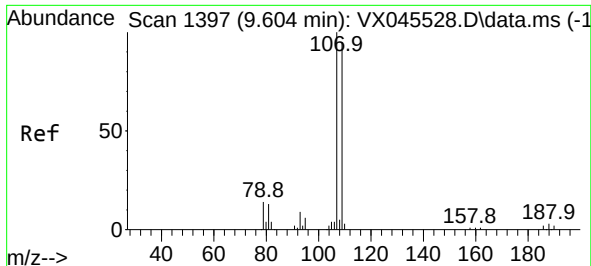
Tgt Ion:129 Resp: 45264

Ion Ratio Lower Upper

129 100

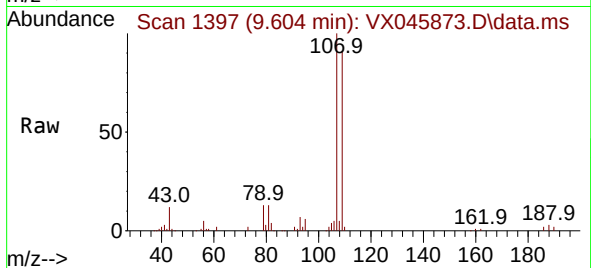
127 77.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 48.307 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

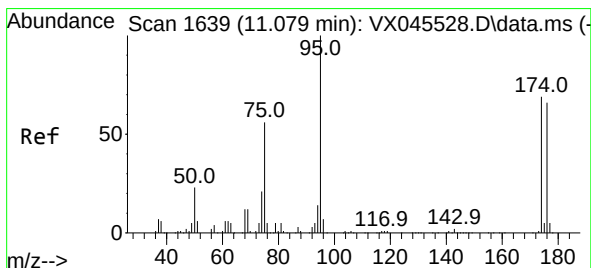
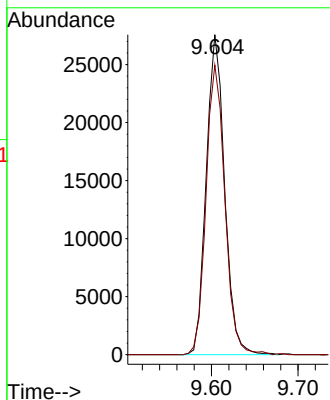
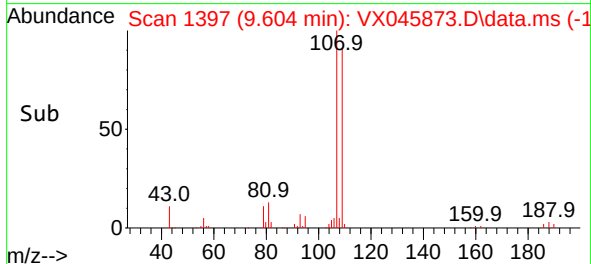
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 40760
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5

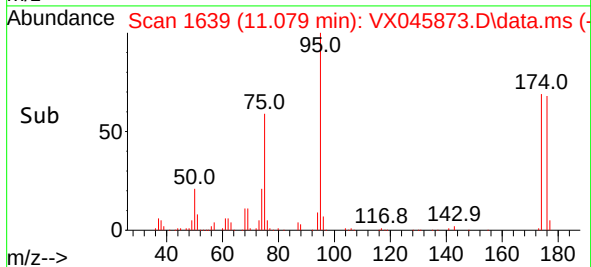
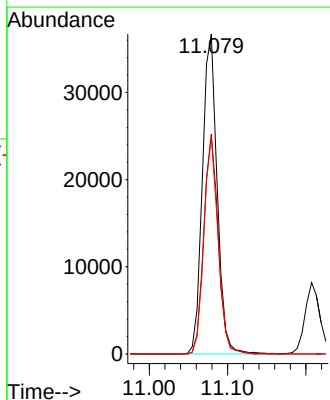
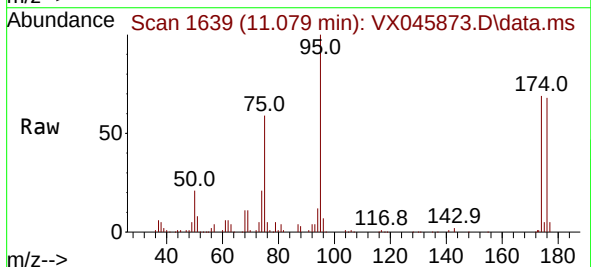
Manual Integrations
APPROVED

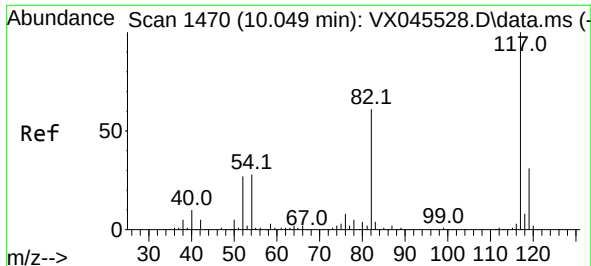
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#62
4-Bromofluorobenzene
Concen: 45.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

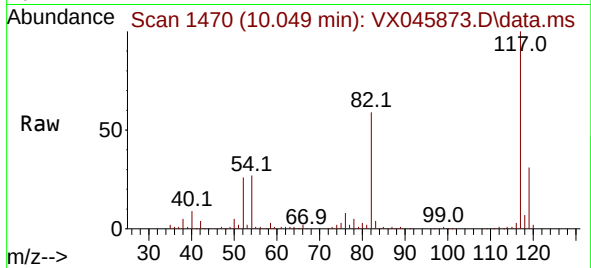
Tgt Ion: 95 Resp: 47961
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

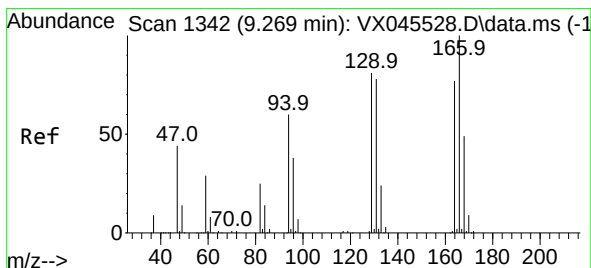
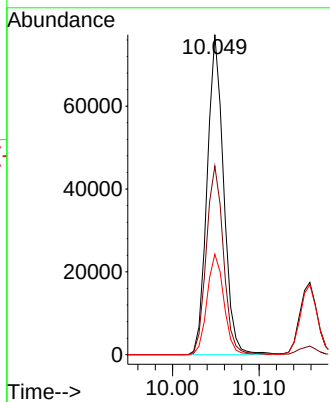
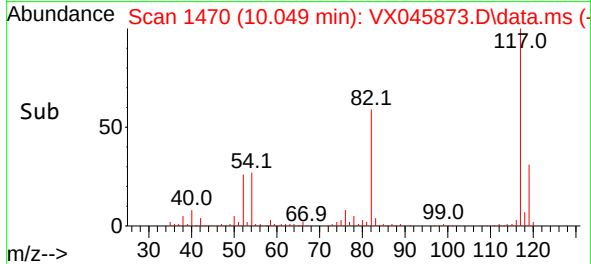
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 10231
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 31.4 25.1 37.7

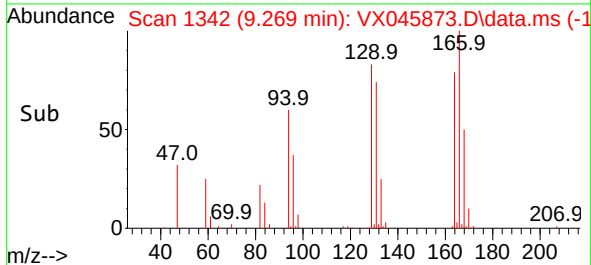
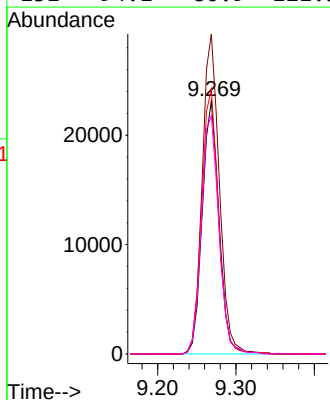
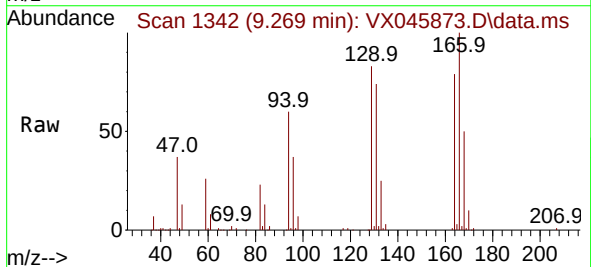
Manual Integrations
APPROVED

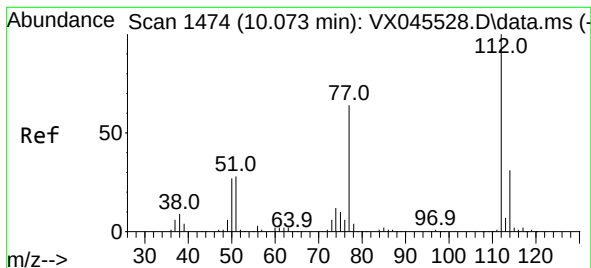
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#64
Tetrachloroethene
Concen: 47.613 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

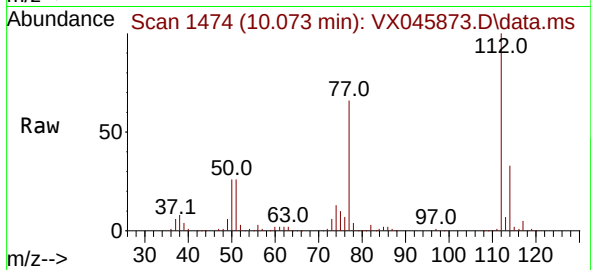
Tgt Ion:164 Resp: 34395
Ion Ratio Lower Upper
164 100
166 126.5 103.8 155.8
129 104.7 84.3 126.5
131 94.1 80.9 121.3





#65
Chlorobenzene
Concen: 48.497 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

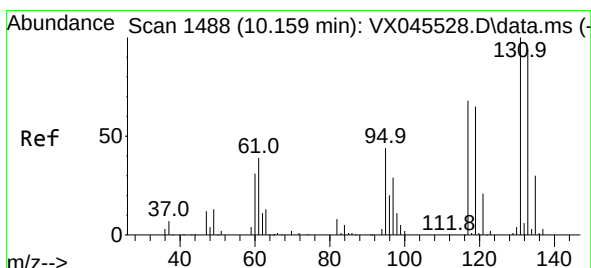
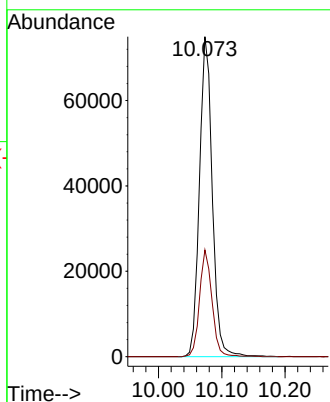
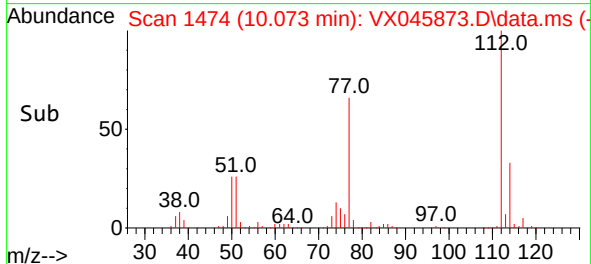
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



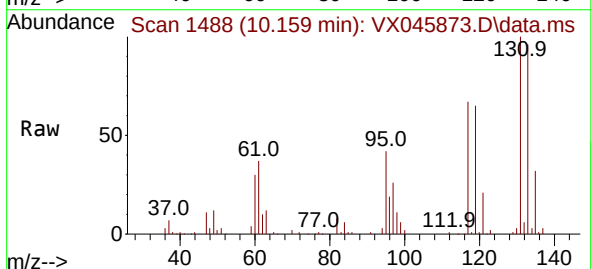
Tgt Ion:112 Resp: 106032
Ion Ratio Lower Upper
112 100
114 33.3 24.7 37.1

Manual Integrations
APPROVED

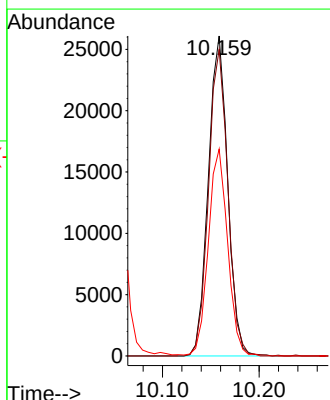
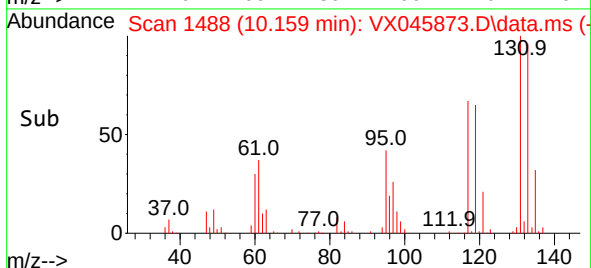
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

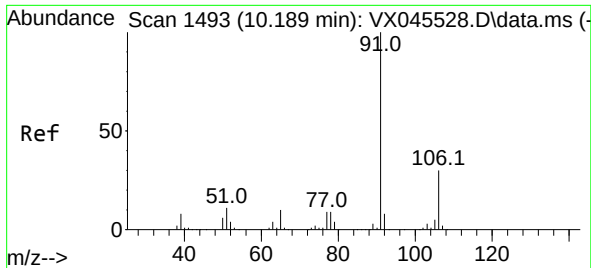


#66
1,1,1,2-Tetrachloroethane
Concen: 47.787 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59



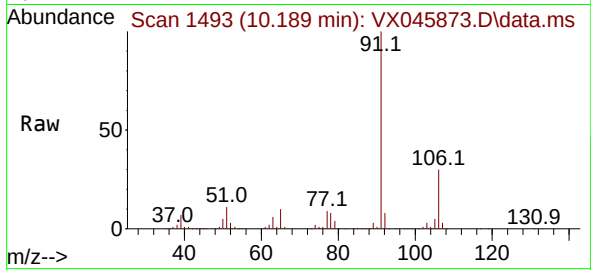
Tgt Ion:131 Resp: 36273
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 64.6 32.9 98.6





#67
Ethyl Benzene
Concen: 48.665 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

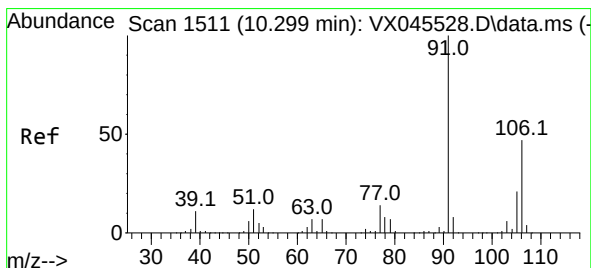
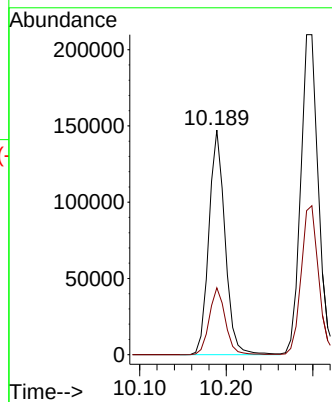
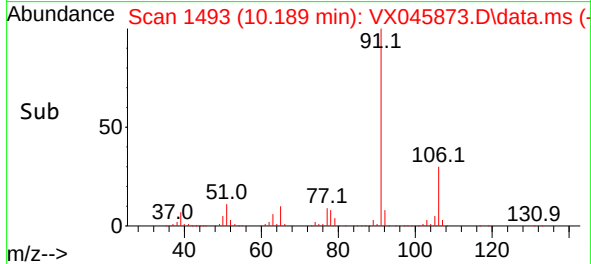
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 190558
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

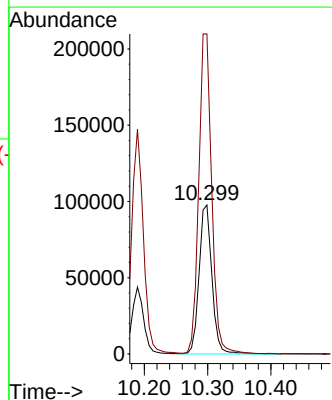
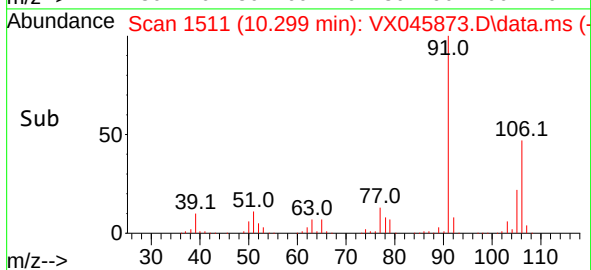
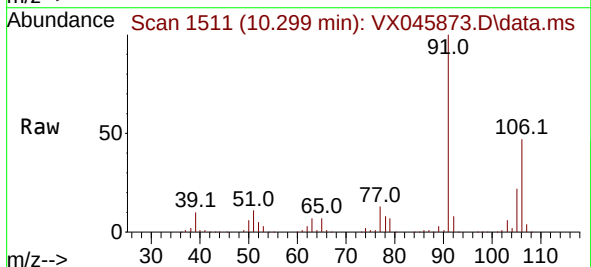
Manual Integrations
APPROVED

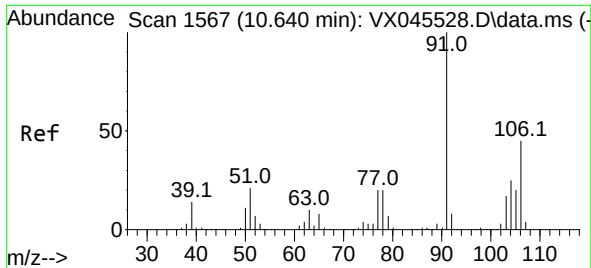
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#68
m/p-Xylenes
Concen: 97.086 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion:106 Resp: 138269
Ion Ratio Lower Upper
106 100
91 215.7 172.6 258.8





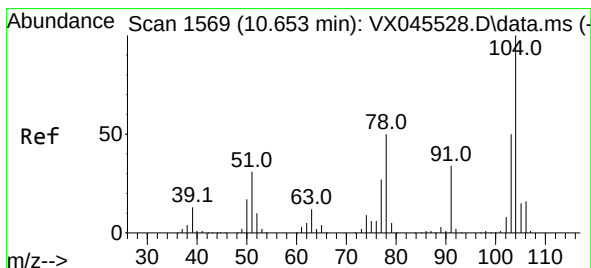
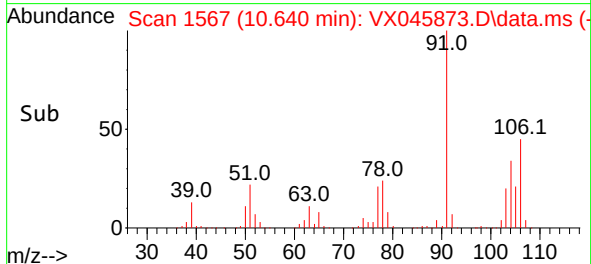
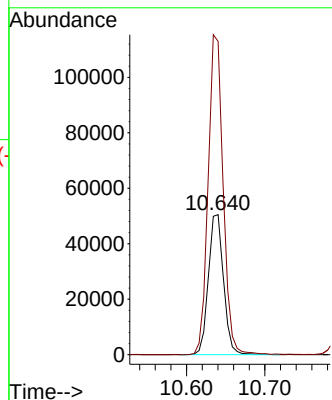
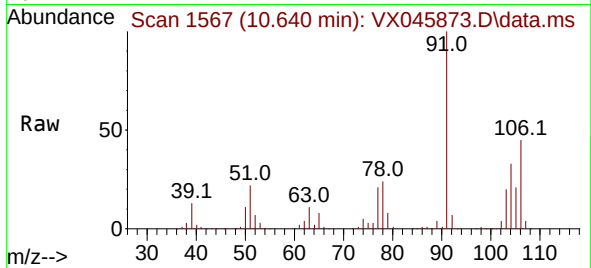
#69
o-Xylene
Concen: 48.241 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 6768
Ion Ratio Lower Upper
106 100
91 227.1 113.6 340.6

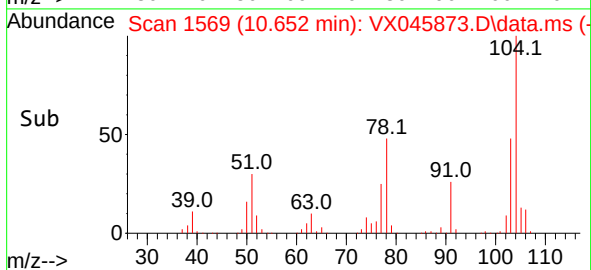
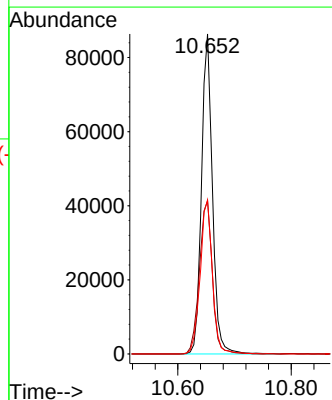
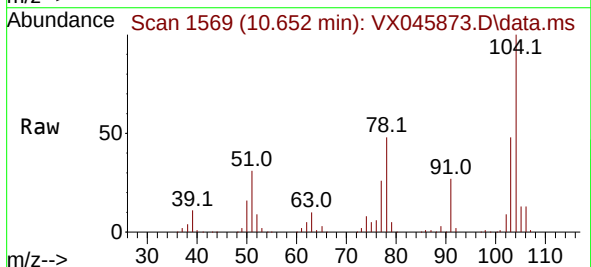
Manual Integrations
APPROVED

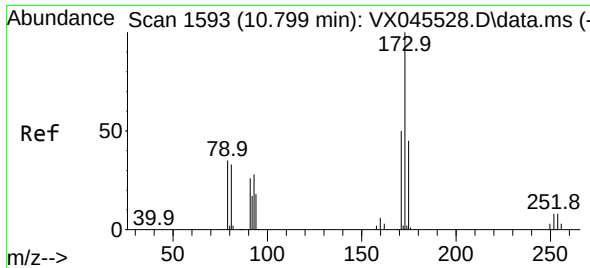
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#70
Styrene
Concen: 49.916 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

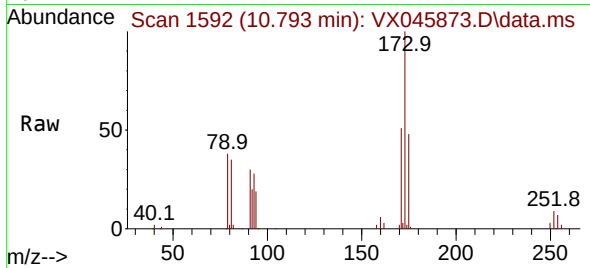
Tgt Ion:104 Resp: 115586
Ion Ratio Lower Upper
104 100
78 56.6 45.4 68.2
103 54.1 43.8 65.8





#71
Bromoform
Concen: 50.192 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

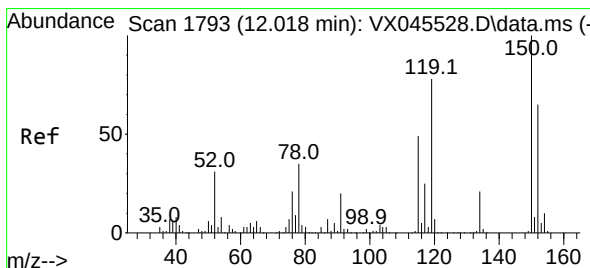
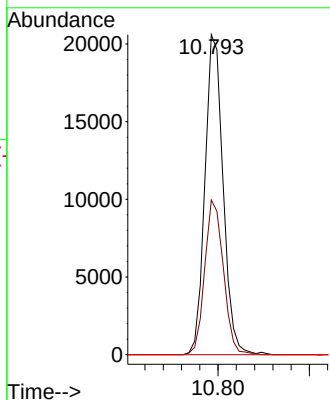
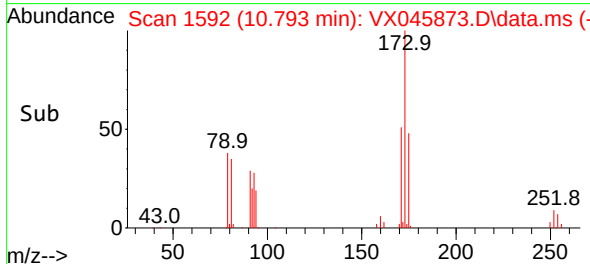
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 2844
Ion Ratio Lower Upper
173 100
175 49.6 23.4 70.2
254 0.0 0.0 0.0

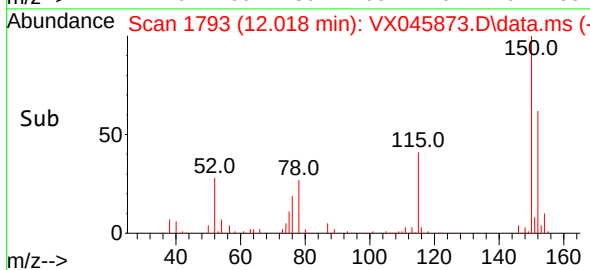
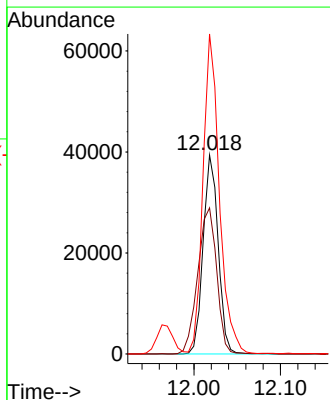
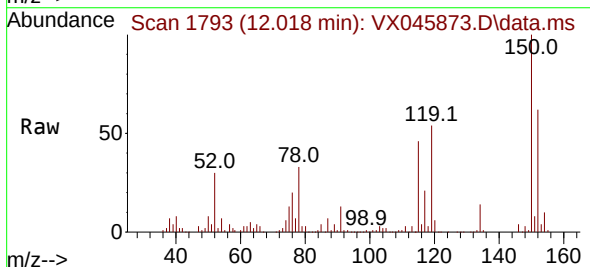
Manual Integrations
APPROVED

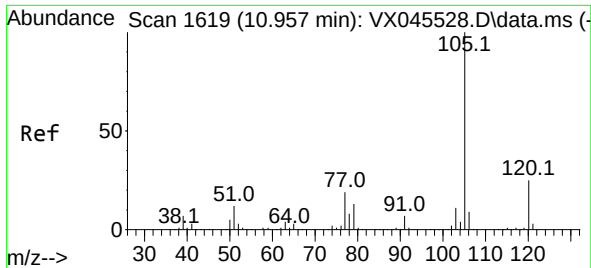
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

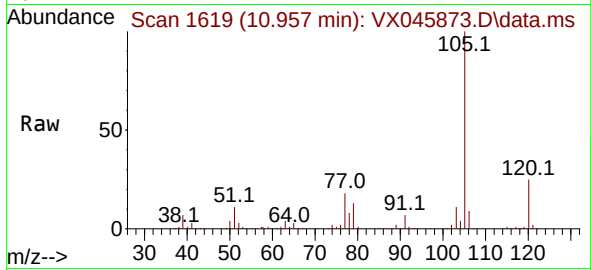
Tgt Ion:152 Resp: 47548
Ion Ratio Lower Upper
152 100
115 92.5 46.9 140.7
150 174.8 0.0 349.4





#73
Isopropylbenzene
Concen: 47.303 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

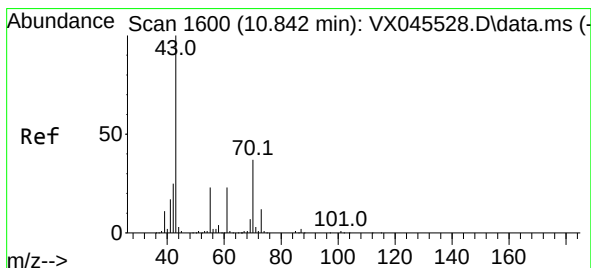
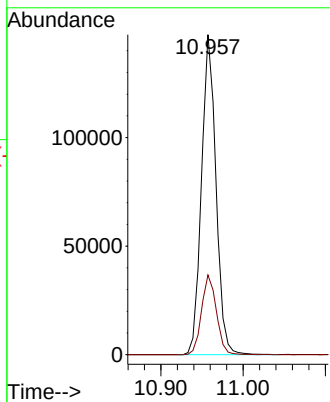
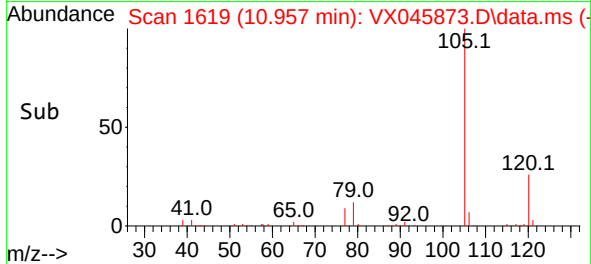
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



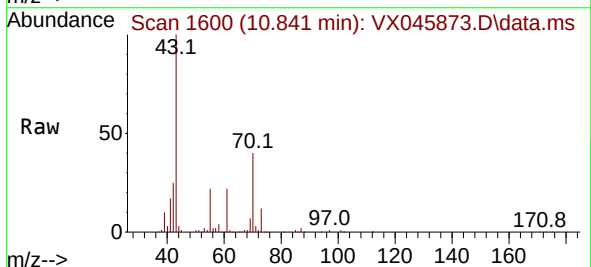
Tgt Ion:105 Resp: 180162
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

Manual Integrations
APPROVED

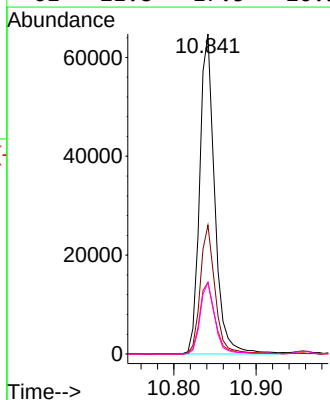
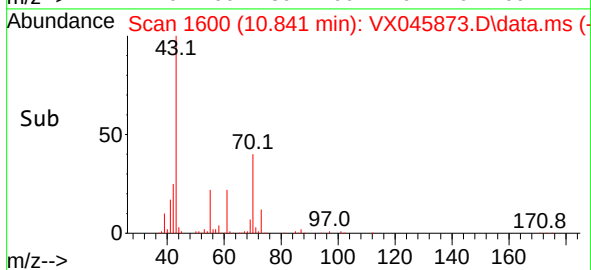
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

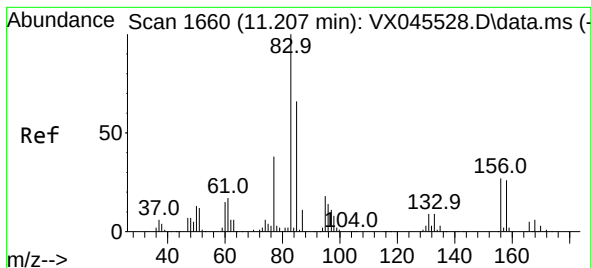


#74
N-ethyl acetate
Concen: 45.229 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59



Tgt Ion: 43 Resp: 82401
Ion Ratio Lower Upper
43 100
70 39.6 30.1 45.1
55 23.4 18.3 27.5
61 21.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.857 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

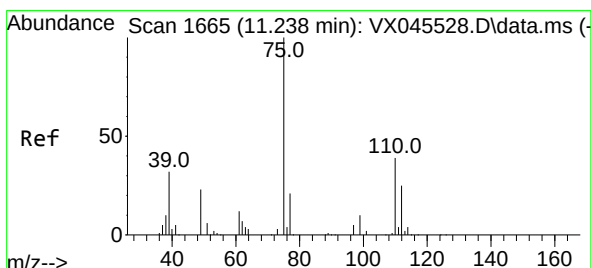
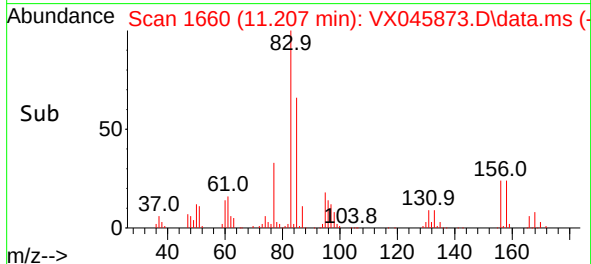
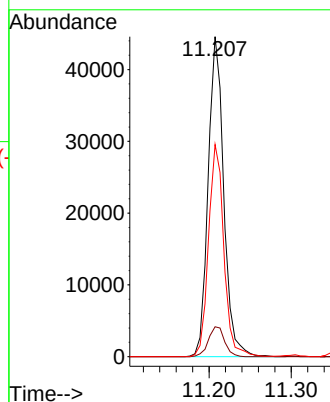
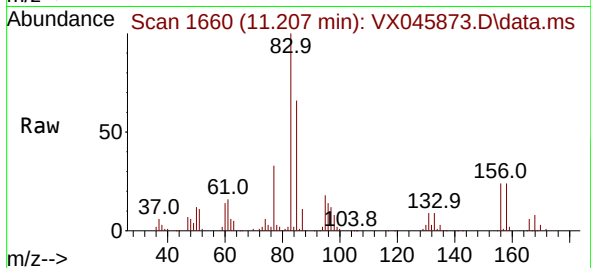
Tgt Ion:	83	Resp:	5867
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.7	14.1
85	65.1	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#76

1,2,3-Trichloropropane

Concen: 45.152 ug/l m

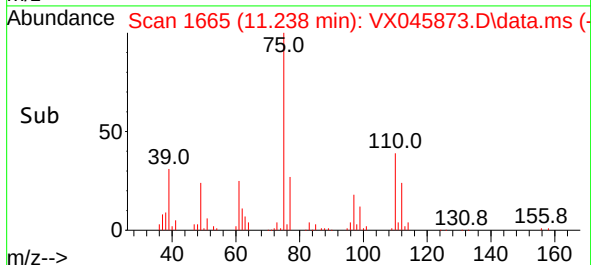
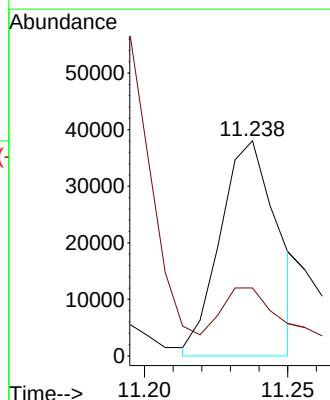
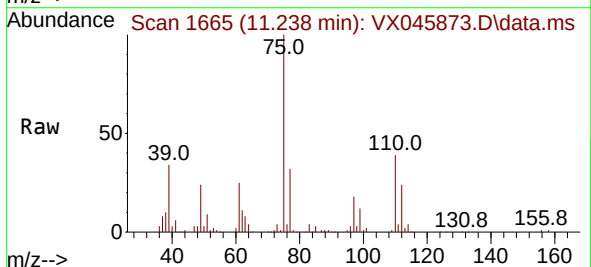
RT: 11.238 min Scan# 1665

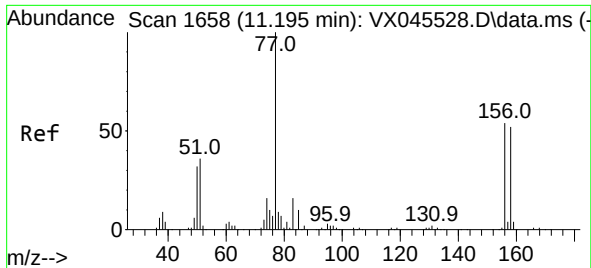
Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

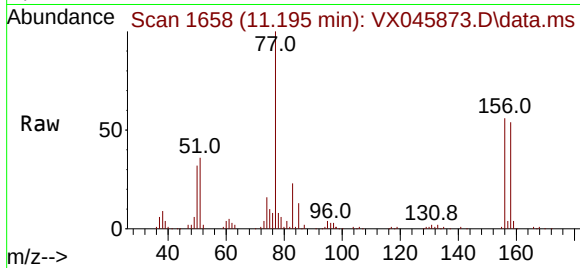
Tgt Ion:	75	Resp:	52368
Ion Ratio	Lower	Upper	
75	100		
77	38.8	20.0	59.9





#77
Bromobenzene
Concen: 46.916 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

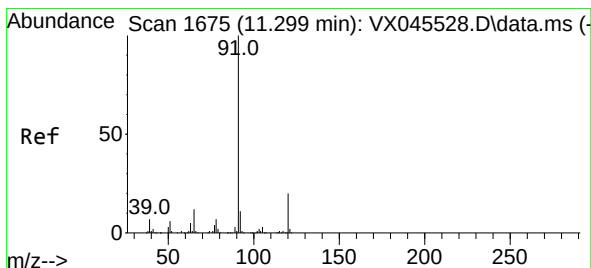
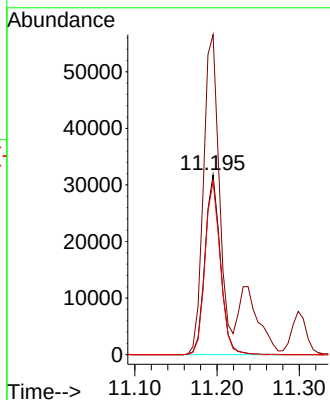
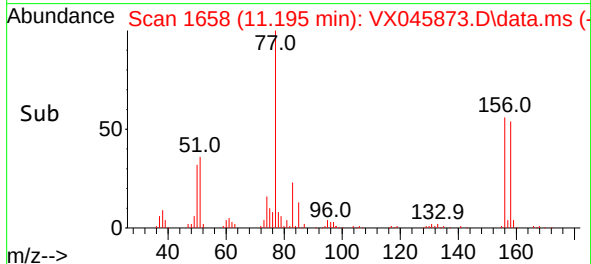
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



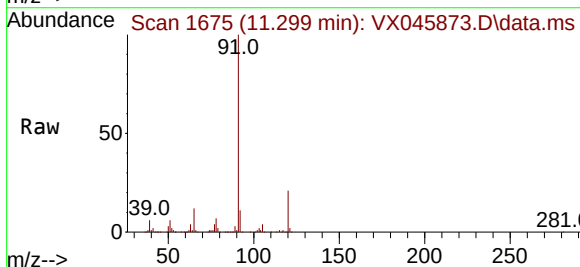
Tgt Ion:156 Resp: 41280
Ion Ratio Lower Upper
156 100
77 183.8 92.6 277.8
158 96.3 48.1 144.4

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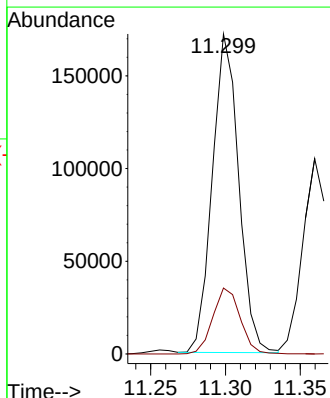
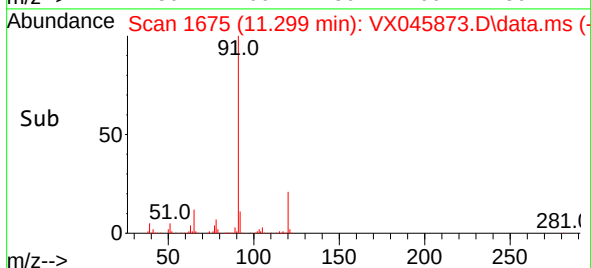
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

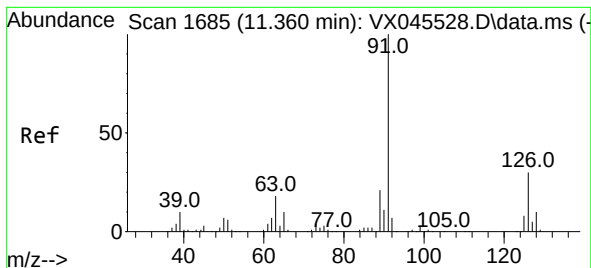


#78
n-propylbenzene
Concen: 48.057 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59



Tgt Ion: 91 Resp: 210824
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





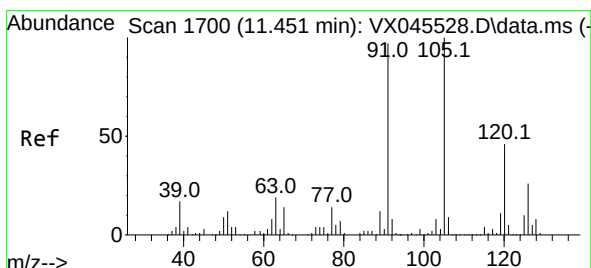
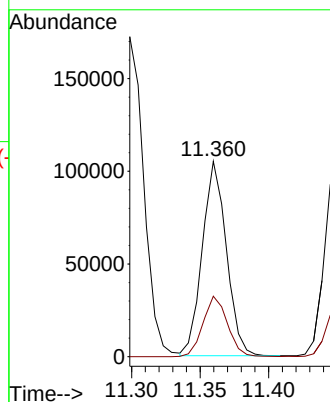
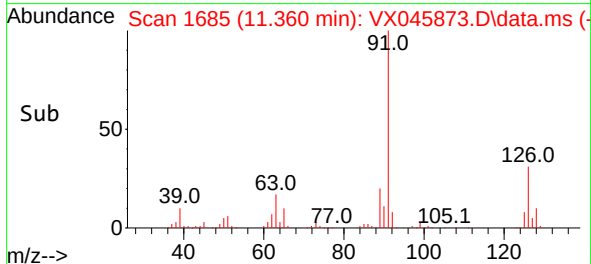
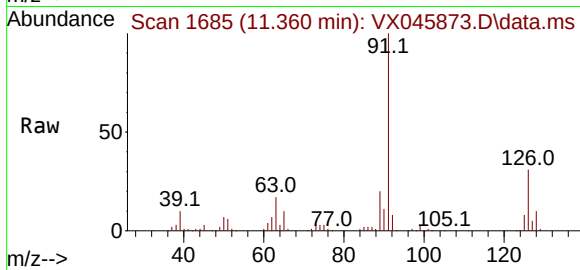
#79
2-Chlorotoluene
Concen: 45.808 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 12847
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

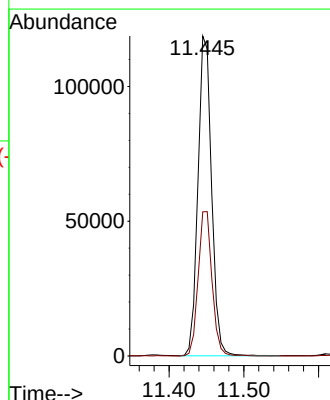
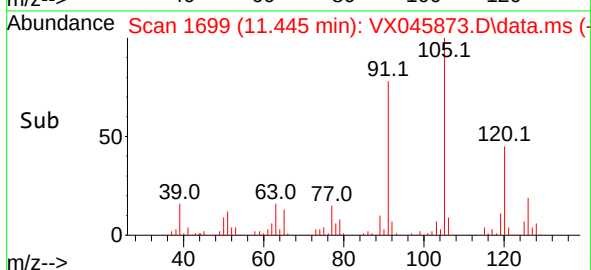
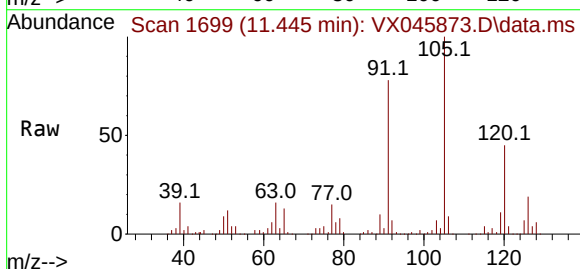
Manual Integrations
APPROVED

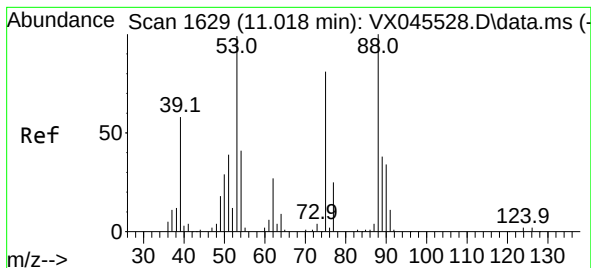
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.579 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion:105 Resp: 149846
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





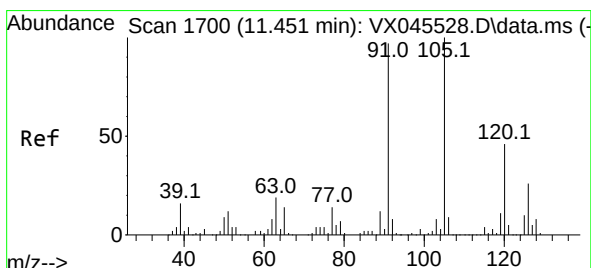
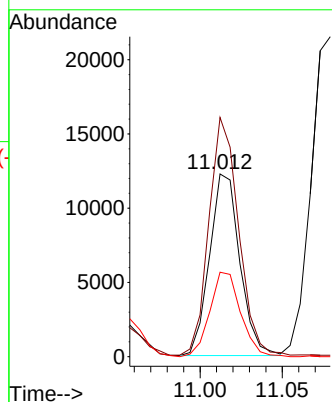
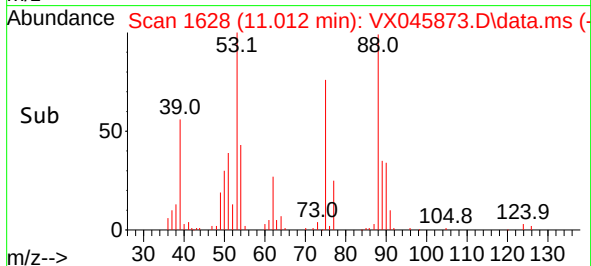
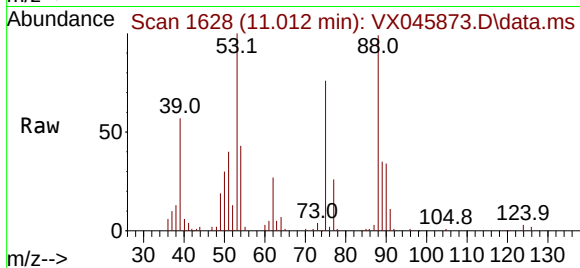
#81
trans-1,4-Dichloro-2-butene
Concen: 45.816 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1565
Ion Ratio Lower Upper
75 100
53 131.5 101.8 152.6
89 47.4 37.2 55.8

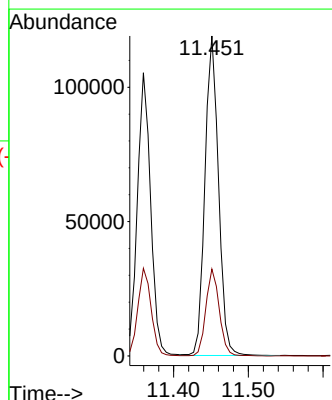
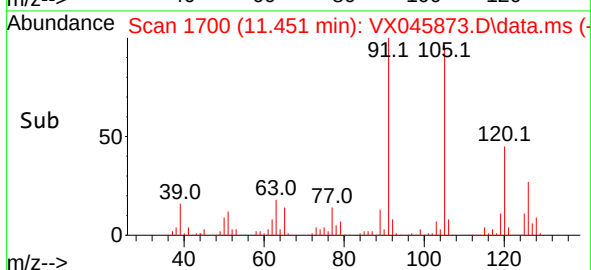
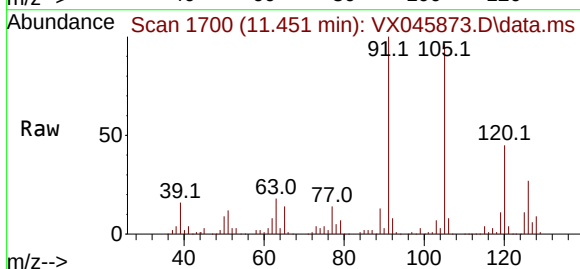
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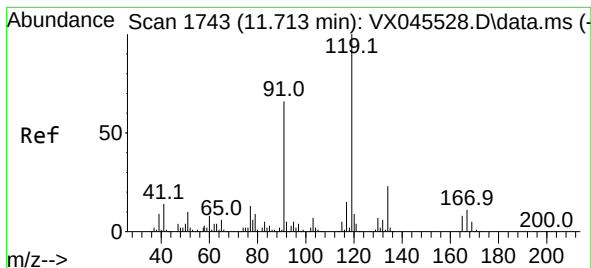
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025



#82
4-Chlorotoluene
Concen: 47.895 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

Tgt Ion: 91 Resp: 149764
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.9





#83

tert-Butylbenzene

Concen: 47.575 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 14834

Ion Ratio Lower Upper

119 100

91 64.4 32.4 97.2

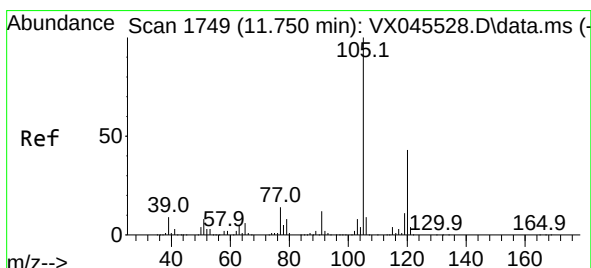
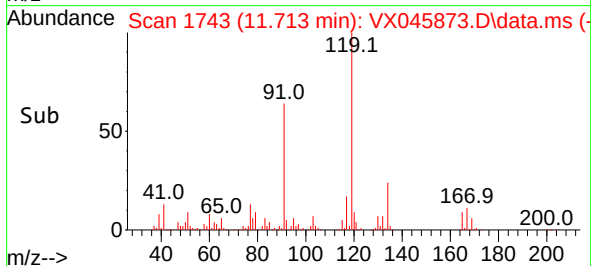
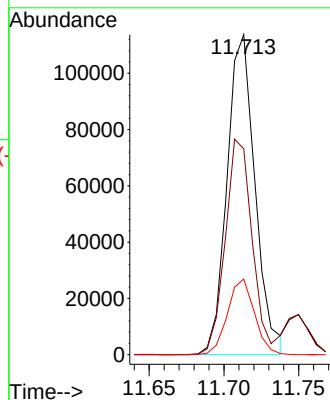
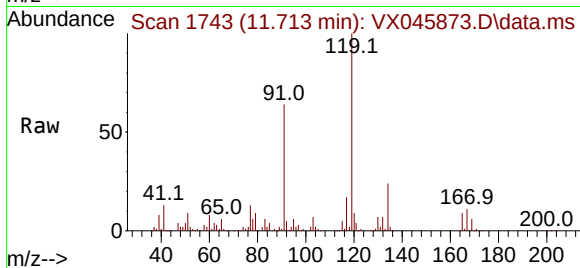
134 22.7 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#84

1,2,4-Trimethylbenzene

Concen: 47.897 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045873.D

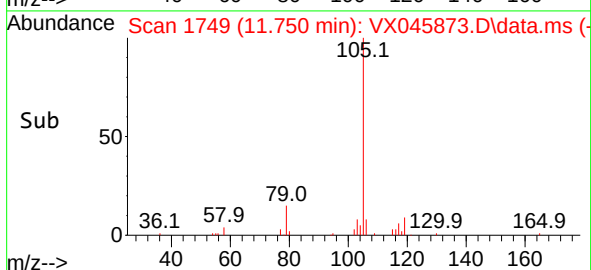
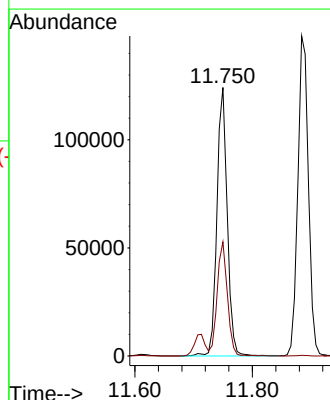
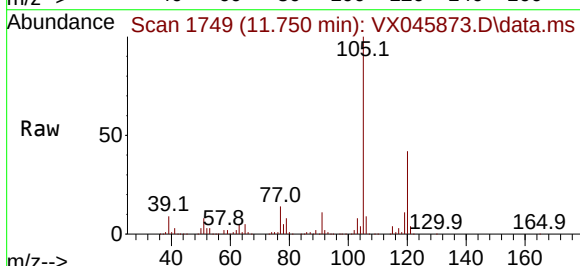
Acq: 21 Apr 2025 15:59

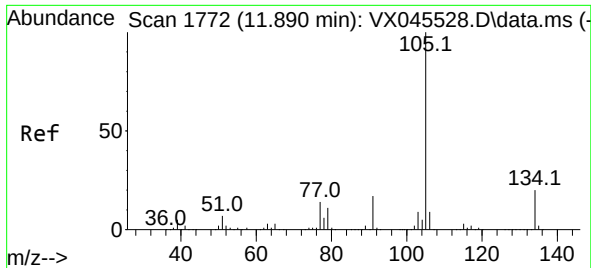
Tgt Ion:105 Resp: 151403

Ion Ratio Lower Upper

105 100

120 42.1 21.4 64.3





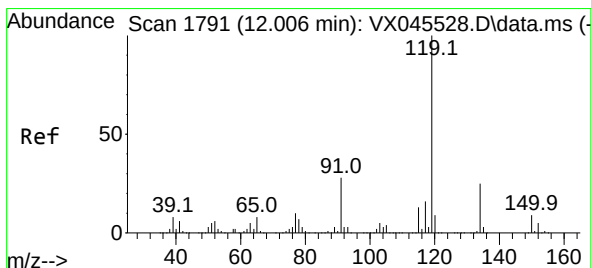
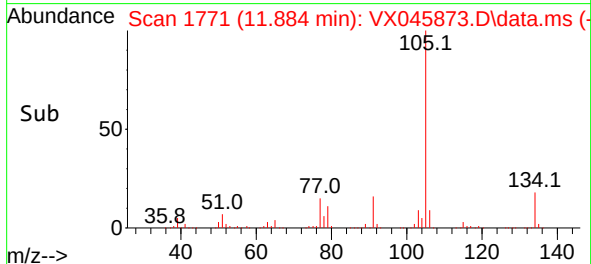
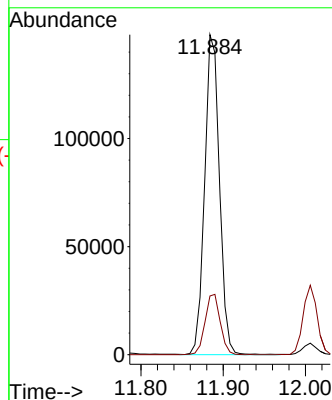
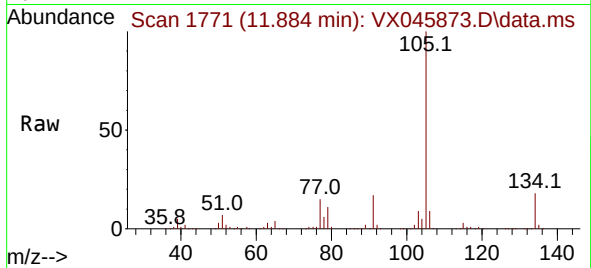
#85
 sec-Butylbenzene
 Concen: 48.463 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX045873.D
 Acq: 21 Apr 2025 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 185598
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

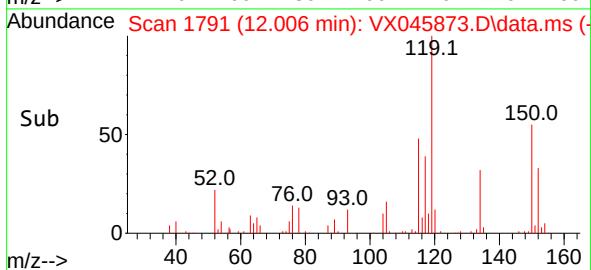
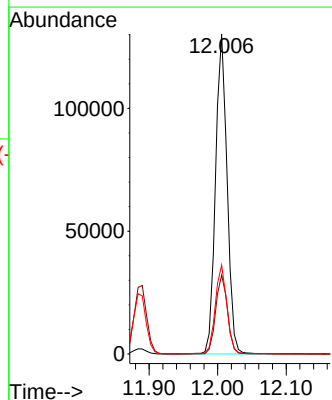
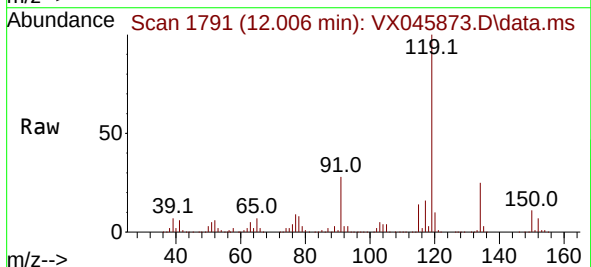
Manual Integrations
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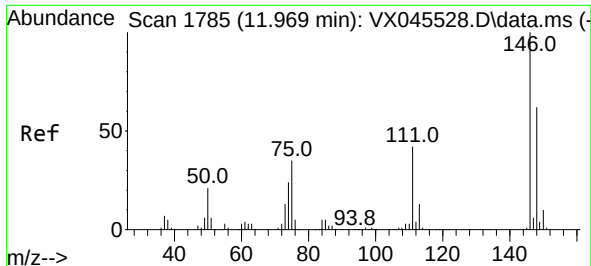
Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025



#86
 p-Isopropyltoluene
 Concen: 48.334 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045873.D
 Acq: 21 Apr 2025 15:59

Tgt Ion:119 Resp: 152607
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 46.611 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 7466

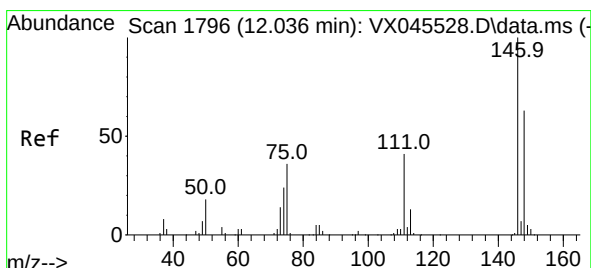
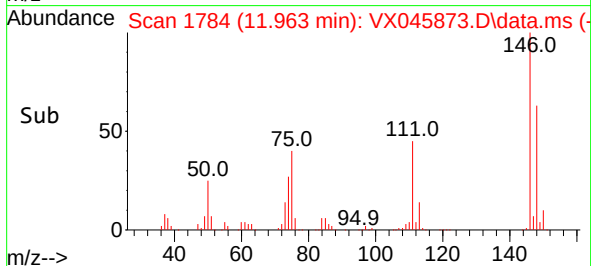
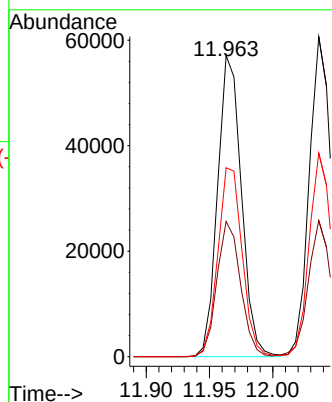
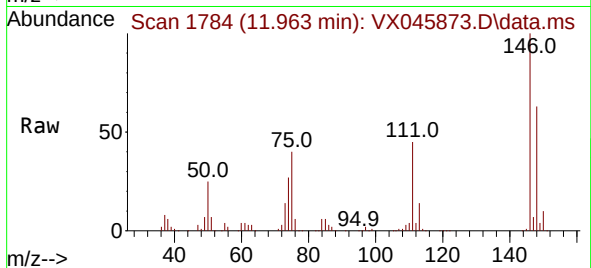
Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.2	66.6
148	64.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#88

1,4-Dichlorobenzene

Concen: 46.771 ug/l

RT: 12.036 min Scan# 1796

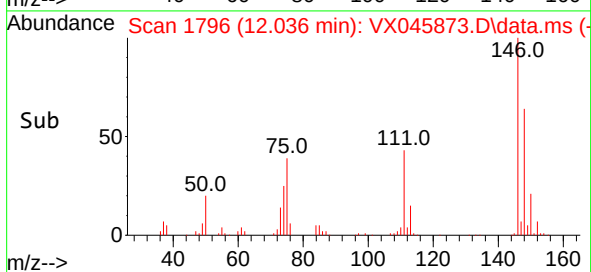
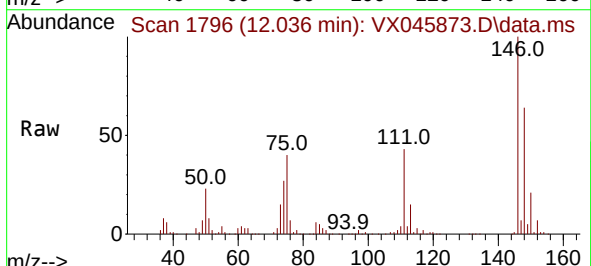
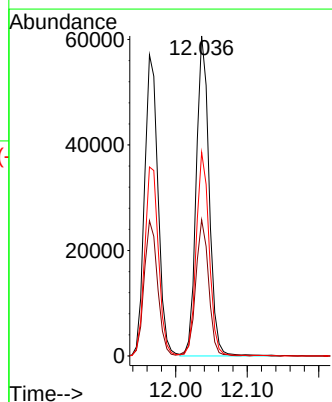
Delta R.T. -0.000 min

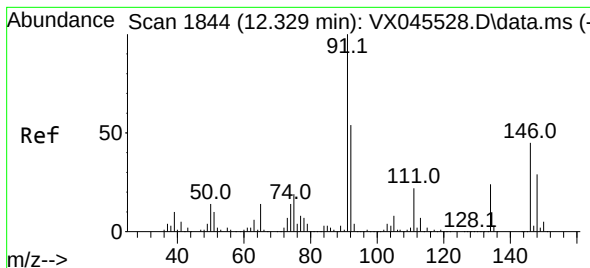
Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Tgt Ion:146 Resp: 75954

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.8
148	63.5	31.5	94.5





#89

n-Butylbenzene

Concen: 50.998 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 139628

Ion Ratio Lower Upper

91 100

92 52.6 26.9 80.6

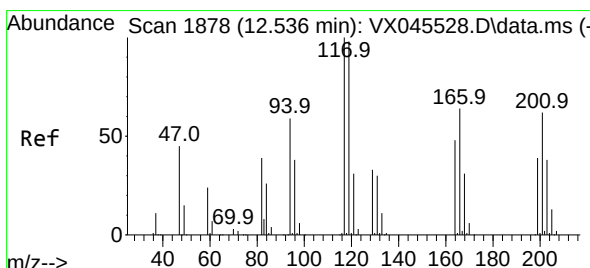
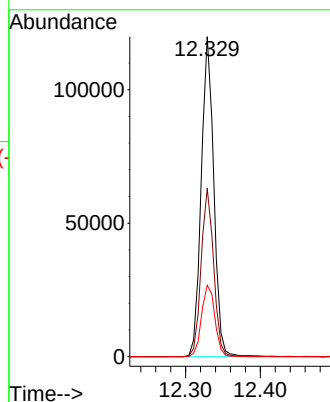
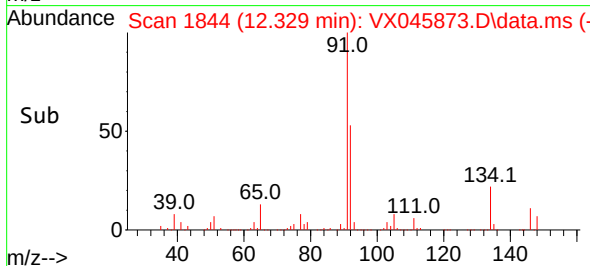
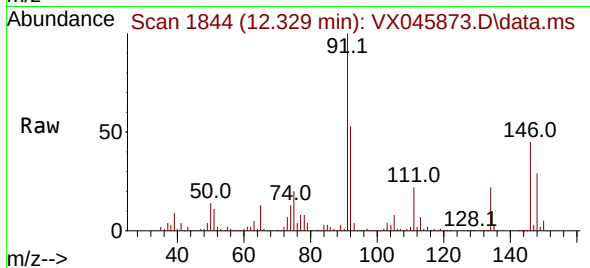
134 23.8 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#90

Hexachloroethane

Concen: 50.968 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045873.D

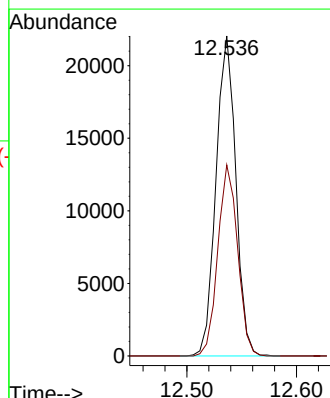
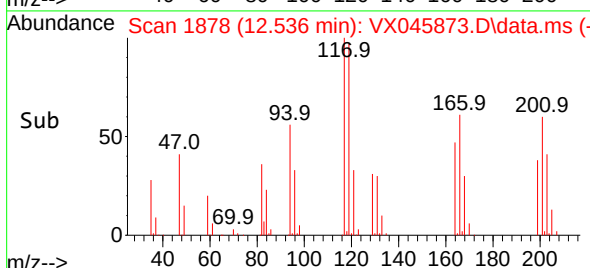
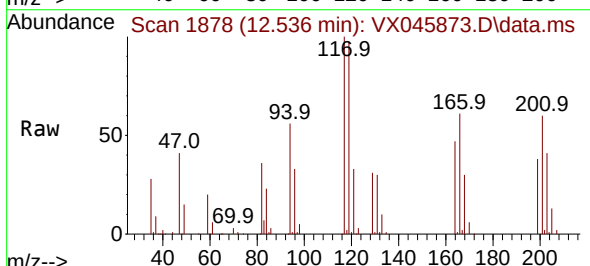
Acq: 21 Apr 2025 15:59

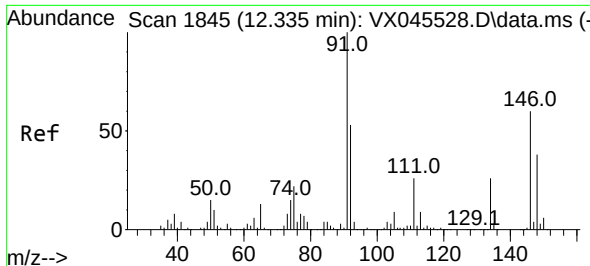
Tgt Ion:117 Resp: 27656

Ion Ratio Lower Upper

117 100

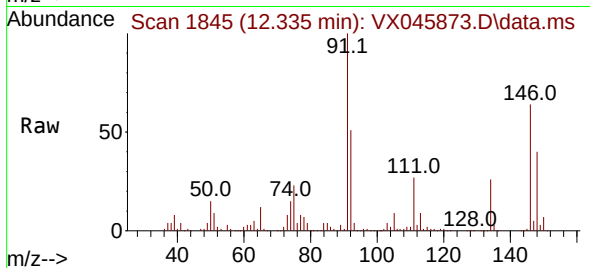
201 59.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 46.545 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59

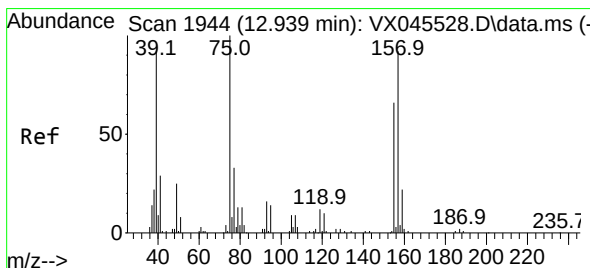
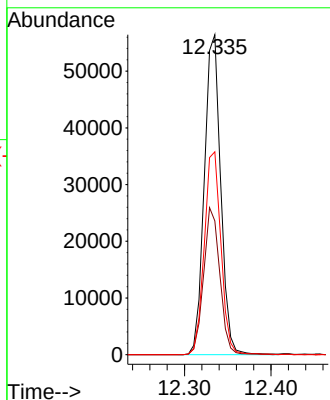
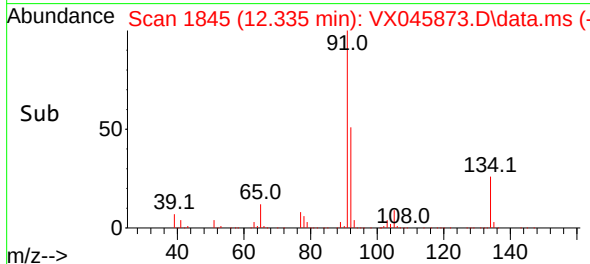
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



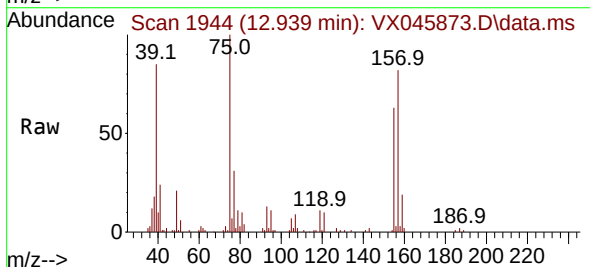
Tgt Ion:146 Resp: 7412
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.8
148 64.4 31.9 95.5

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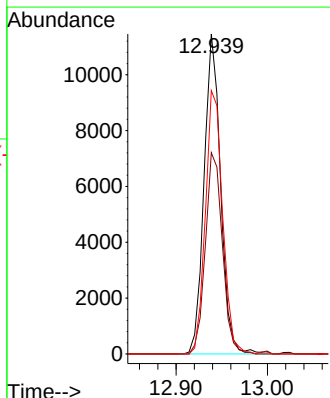
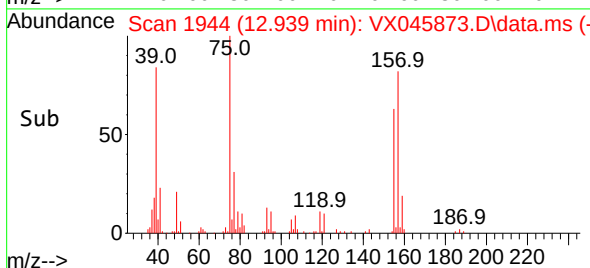
Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

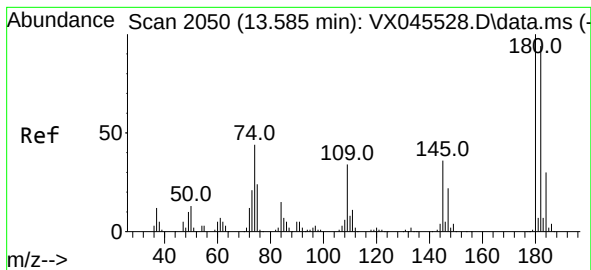


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.360 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045873.D
Acq: 21 Apr 2025 15:59



Tgt Ion: 75 Resp: 14371
Ion Ratio Lower Upper
75 100
155 64.6 34.9 104.7
157 85.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.126 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 44430

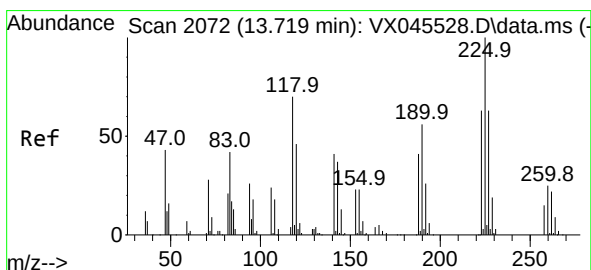
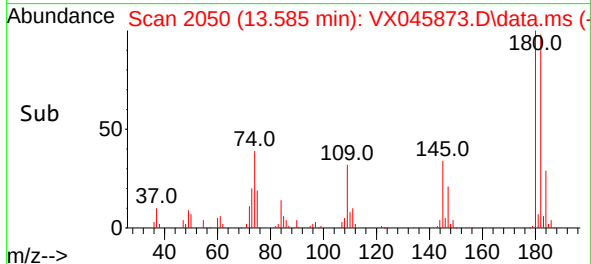
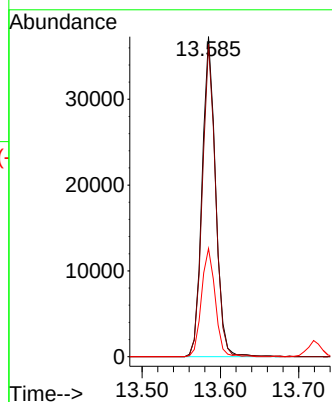
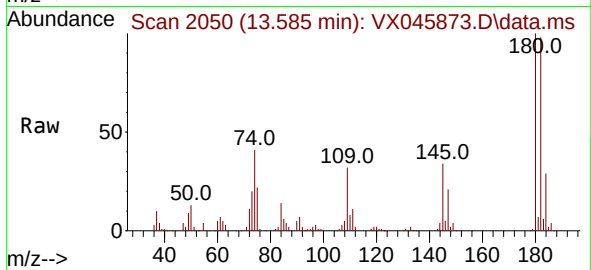
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	34.5	17.9	53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#94

Hexachlorobutadiene

Concen: 48.895 ug/l

RT: 13.719 min Scan# 2072

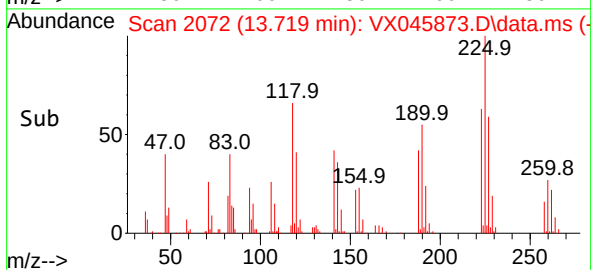
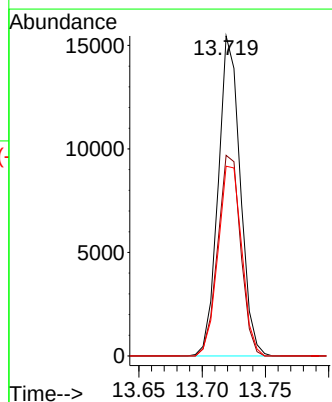
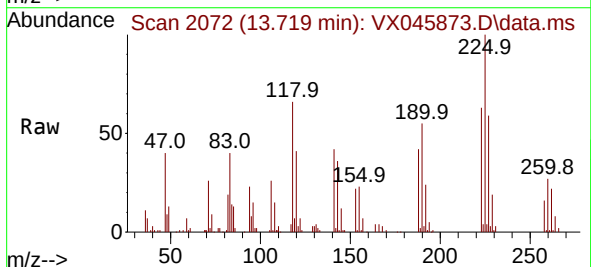
Delta R.T. -0.000 min

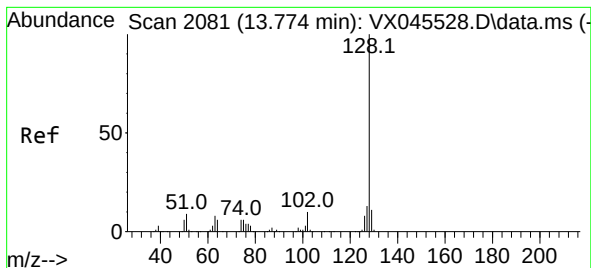
Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Tgt Ion:225 Resp: 18678

Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.1	93.3
227	64.0	32.2	96.6





#95

Naphthalene

Concen: 47.187 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

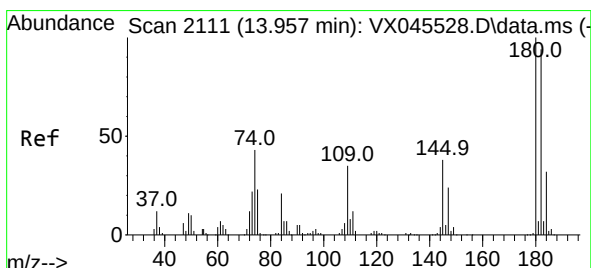
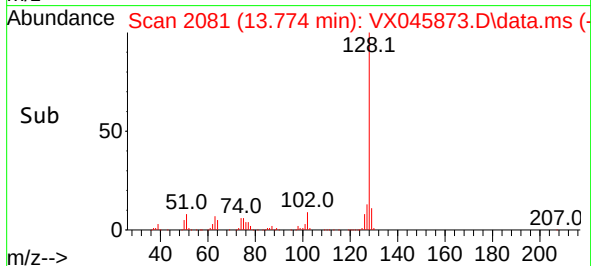
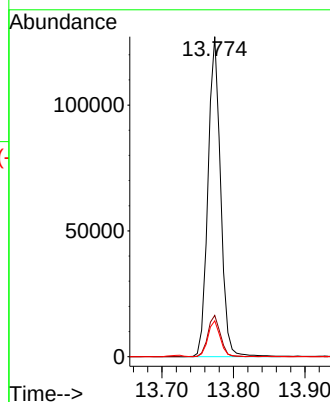
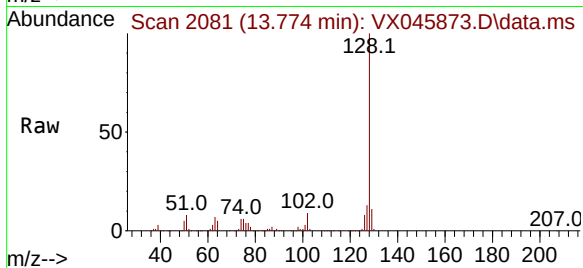
Tgt Ion:128	Resp:	15566
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.3 15.5
129	11.0	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2025

Supervised By :Semsettin Yesilyurt 04/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.671 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045873.D

Acq: 21 Apr 2025 15:59

Tgt Ion:180	Resp:	45180
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.3 141.8
145	35.4	18.2 54.6

