

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047484.D
 Acq On : 22 Aug 2025 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202377	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	354638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	324101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156876	55.388	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.780%			
35) Dibromofluoromethane	5.391	113	122046	53.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.647	98	419479	50.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.980%			
62) 4-Bromofluorobenzene	11.079	95	160561	52.889	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	110755	42.931	ug/l	97
3) Chloromethane	1.313	50	95701	41.236	ug/l	98
4) Vinyl Chloride	1.392	62	127745	43.854	ug/l	96
5) Bromomethane	1.624	94	50511	42.930	ug/l	100
6) Chloroethane	1.703	64	81422	45.685	ug/l	99
7) Trichlorofluoromethane	1.904	101	186994	43.399	ug/l	99
8) Diethyl Ether	2.142	74	78847	51.970	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	113344	45.348	ug/l	98
10) Methyl Iodide	2.465	142	161545	37.716	ug/l	99
11) Tert butyl alcohol	2.959	59	69422	281.749	ug/l	100
12) 1,1-Dichloroethene	2.337	96	112343	44.089	ug/l	99
13) Acrolein	2.245	56	135030	259.607	ug/l	98
14) Allyl chloride	2.678	41	218245	49.313	ug/l	98
15) Acrylonitrile	3.081	53	313610	263.398	ug/l	99
16) Acetone	2.386	43	285280	267.964	ug/l	99
17) Carbon Disulfide	2.526	76	325641	42.351	ug/l	100
18) Methyl Acetate	2.709	43	159856	57.943	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	413165	53.300	ug/l	98
20) Methylene Chloride	2.800	84	139844	49.606	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	127129	47.007	ug/l	100
22) Diisopropyl ether	3.769	45	472502	54.011	ug/l	97
23) Vinyl Acetate	3.727	43	1915183	267.095	ug/l	99
24) 1,1-Dichloroethane	3.623	63	245050	49.558	ug/l	98
25) 2-Butanone	4.562	43	388898	278.919	ug/l	97
26) 2,2-Dichloropropane	4.483	77	180865	48.462	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	157104	49.875	ug/l	97
28) Bromochloromethane	4.903	49	122494	59.532	ug/l	100
29) Tetrahydrofuran	5.013	42	231797	257.210	ug/l	99
30) Chloroform	5.099	83	254837	50.499	ug/l	100
31) Cyclohexane	5.477	56	194217	42.608	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	202843	46.699	ug/l	99
36) 1,1-Dichloropropene	5.696	75	161908	44.562	ug/l	99
37) Ethyl Acetate	4.714	43	166297	44.088	ug/l	97
38) Carbon Tetrachloride	5.684	117	174249	43.887	ug/l	98
39) Methylcyclohexane	7.379	83	191087	42.164	ug/l	94
40) Benzene	6.043	78	517963	47.628	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	79394	49.915	ug/l	95
42) 1,2-Dichloroethane	6.092	62	193834	50.319	ug/l	99
43) Isopropyl Acetate	6.342	43	276273	50.985	ug/l	100
44) Trichloroethene	7.129	130	125639	45.119	ug/l	96
45) 1,2-Dichloropropane	7.433	63	136102	49.956	ug/l	99
46) Dibromomethane	7.580	93	100509	50.815	ug/l	96
47) Bromodichloromethane	7.824	83	209501	51.092	ug/l	100
48) Methyl methacrylate	7.690	41	145500	51.731	ug/l	99
49) 1,4-Dioxane	7.683	88	30467	1114.267	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	798993	256.232	ug/l	99
52) Toluene	8.714	92	322875	48.047	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	190463	53.221	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	210731	52.024	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	131207	51.424	ug/l	97
56) Ethyl methacrylate	9.116	69	196701	52.290	ug/l	99
57) 1,3-Dichloropropane	9.305	76	222481	51.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	457939	254.774	ug/l	98
59) 2-Hexanone	9.427	43	544688	252.526	ug/l	99
60) Dibromochloromethane	9.518	129	153592	50.654	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133672	50.806	ug/l	98
64) Tetrachloroethene	9.275	164	103941	44.338	ug/l	99
65) Chlorobenzene	10.079	112	362411	47.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127301	48.895	ug/l	100
67) Ethyl Benzene	10.189	91	613672	46.294	ug/l	99
68) m/p-Xylenes	10.299	106	465601	94.196	ug/l	100
69) o-Xylene	10.640	106	224870	47.274	ug/l	99
70) Styrene	10.652	104	399566	49.714	ug/l	99
71) Bromoform	10.799	173	99174	50.704	ug/l #	98
73) Isopropylbenzene	10.957	105	572656	44.928	ug/l	99
74) N-amyl acetate	10.841	43	236728	48.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	182217	48.691	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	142676m	47.760	ug/l	
77) Bromobenzene	11.195	156	146540	47.082	ug/l	100
78) n-propylbenzene	11.299	91	687439	45.159	ug/l	100
79) 2-Chlorotoluene	11.360	91	415839	45.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	484384	46.188	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27258	41.288	ug/l	100
82) 4-Chlorotoluene	11.451	91	496085	45.733	ug/l	100
83) tert-Butylbenzene	11.713	119	482449	46.111	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	488939	46.621	ug/l	99
85) sec-Butylbenzene	11.890	105	588223	45.359	ug/l	100
86) p-Isopropyltoluene	12.006	119	499743	45.540	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	272218	45.782	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	273935	44.794	ug/l	99
89) n-Butylbenzene	12.329	91	471493	46.193	ug/l	99
90) Hexachloroethane	12.536	117	84225	43.750	ug/l	96
91) 1,2-Dichlorobenzene	12.329	146	262651	46.538	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34717	47.970	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	177352	46.875	ug/l	99
94) Hexachlorobutadiene	13.719	225	63133	46.878	ug/l	99
95) Naphthalene	13.774	128	539890	49.933	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	169441	47.511	ug/l	99

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QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

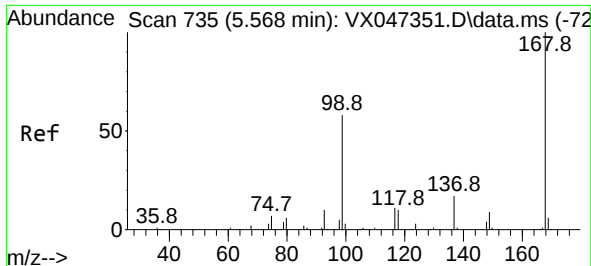
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

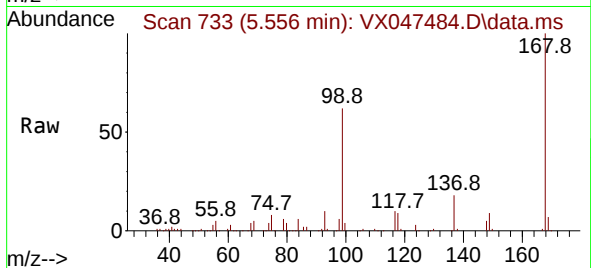
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

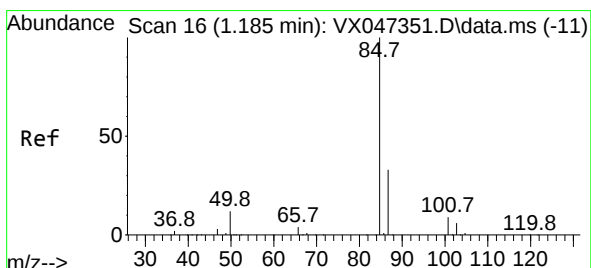
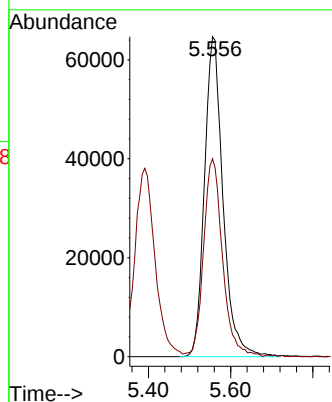
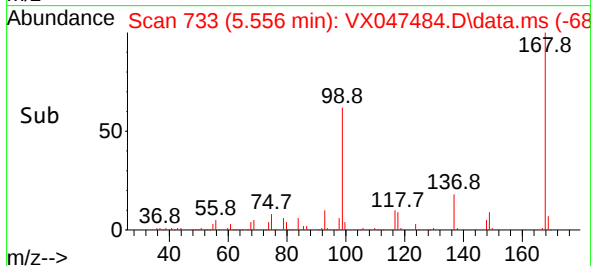
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20237
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9

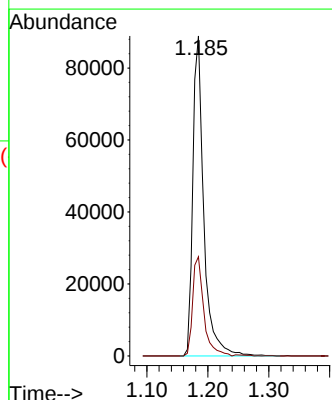
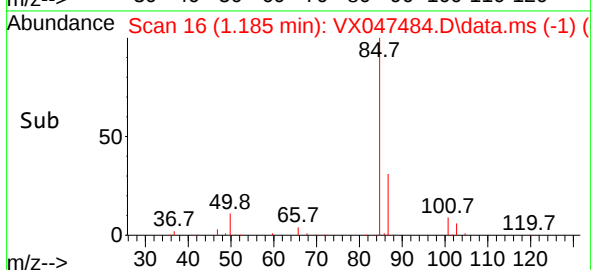
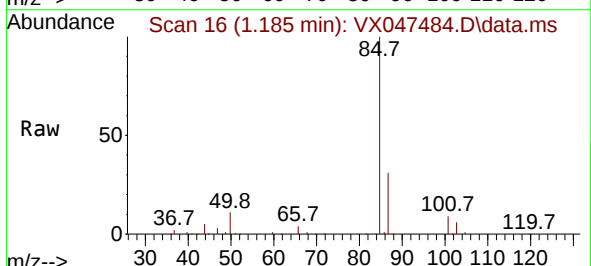
Manual Integrations
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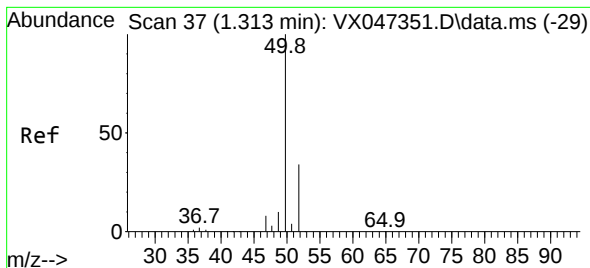
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 42.931 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 85 Resp: 110755
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.1





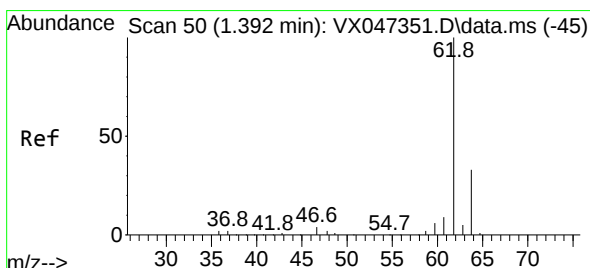
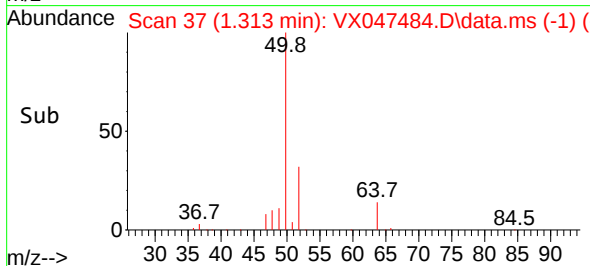
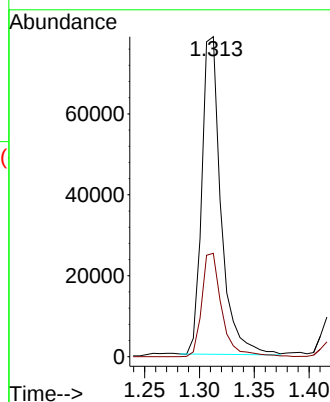
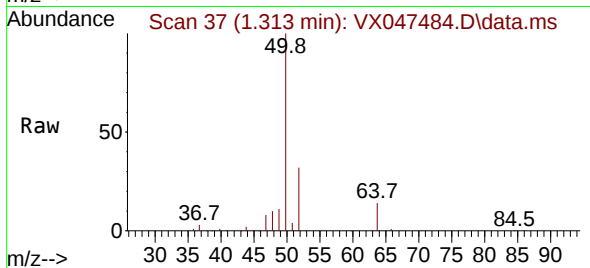
#3
Chloromethane
Concen: 41.236 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9570
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.4

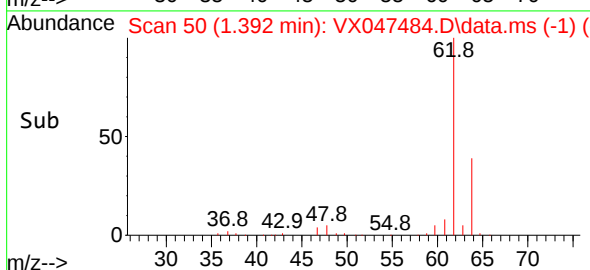
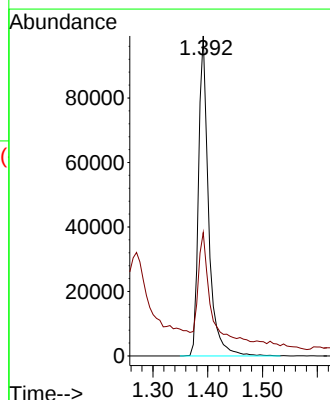
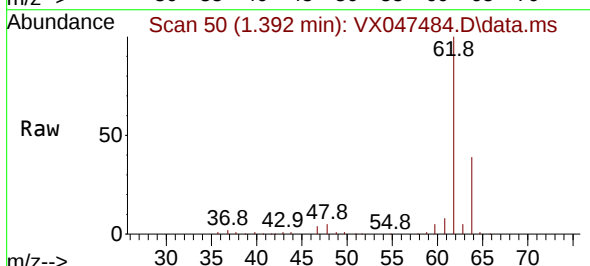
Manual Integrations
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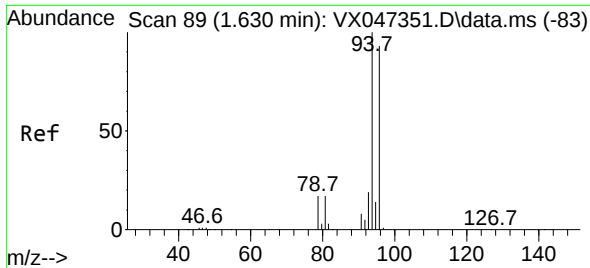
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Vinyl Chloride
Concen: 43.854 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 62 Resp: 127745
Ion Ratio Lower Upper
62 100
64 35.2 26.5 39.7





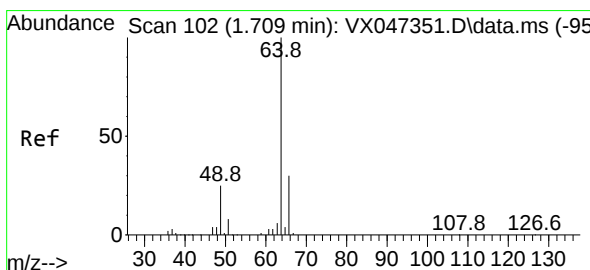
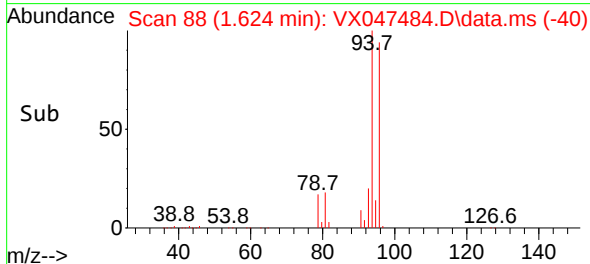
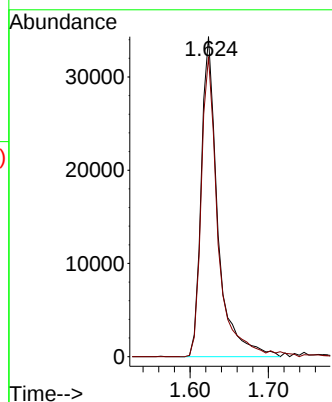
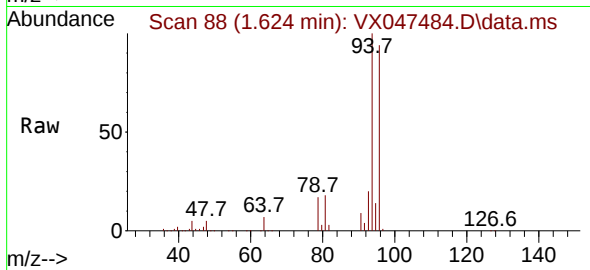
#5
Bromomethane
Concen: 42.930 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 5051
Ion Ratio Lower Upper
94 100
96 93.8 74.7 112.1

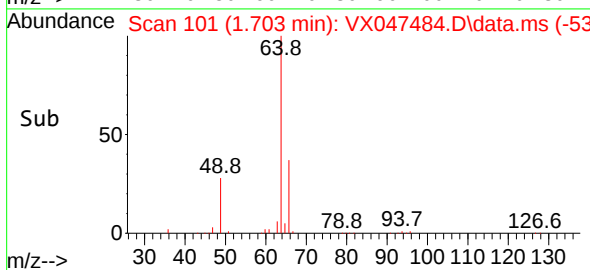
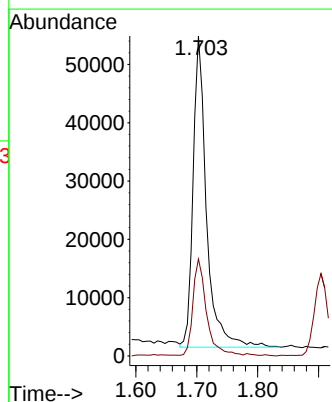
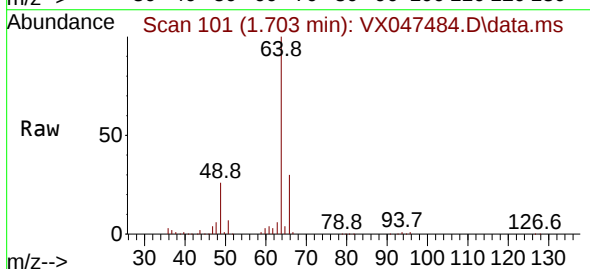
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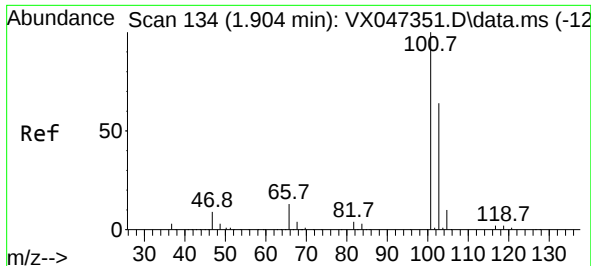
Reviewed By :John Carlone 08/25/2025
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#6
Chloroethane
Concen: 45.685 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047484.D
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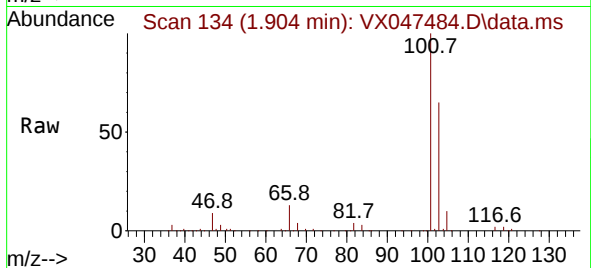
Tgt Ion: 64 Resp: 81422
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 43.399 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

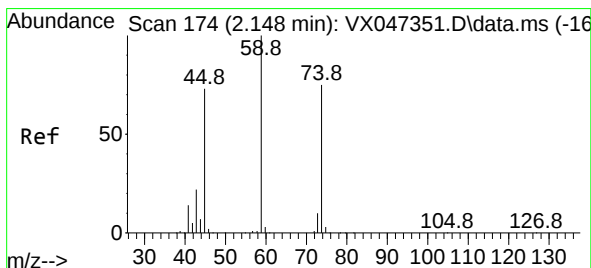
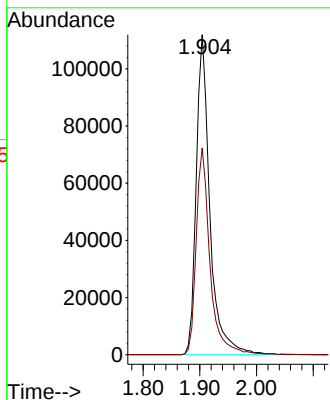
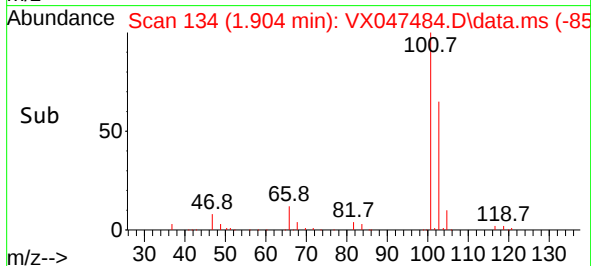
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 186994
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

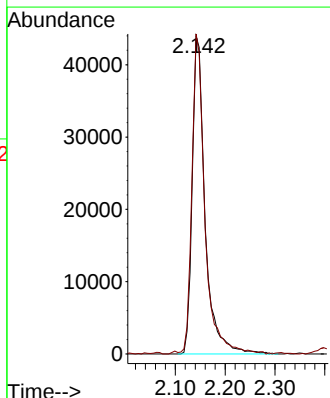
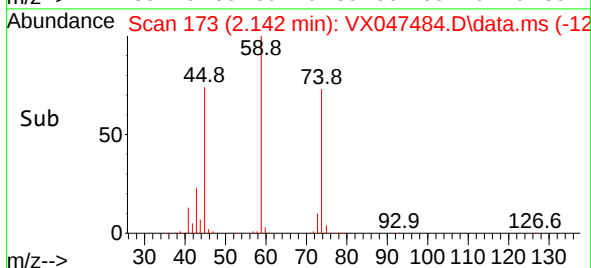
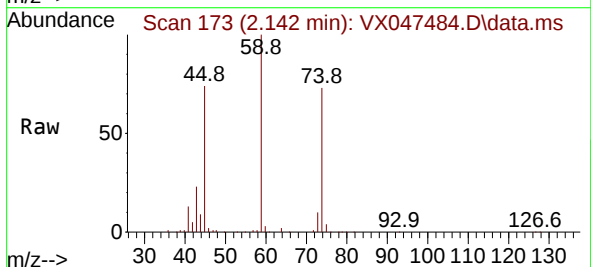
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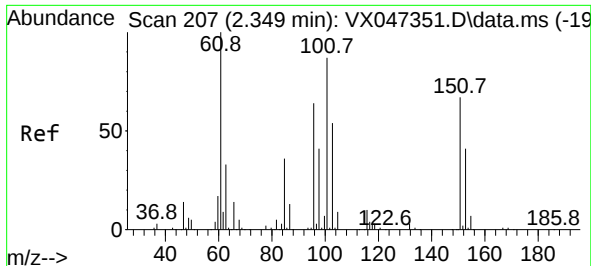
Reviewed By :John Carlone 08/25/2025
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#8
Diethyl Ether
Concen: 51.970 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

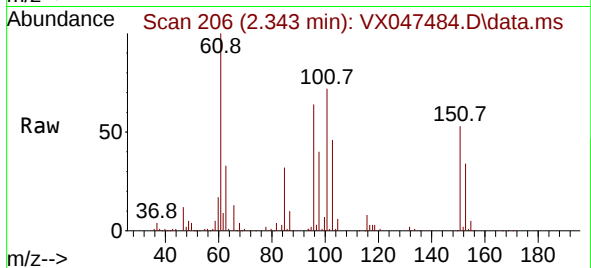
Tgt Ion: 74 Resp: 78847
Ion Ratio Lower Upper
74 100
45 101.8 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.348 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

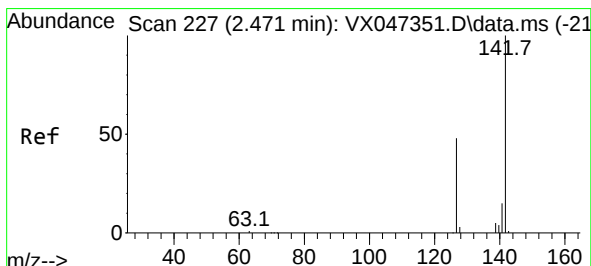
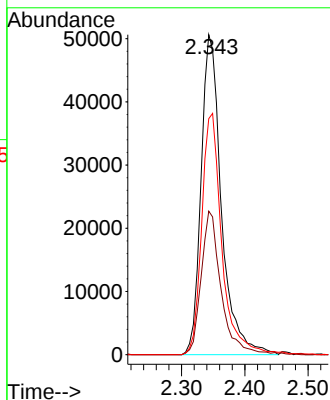
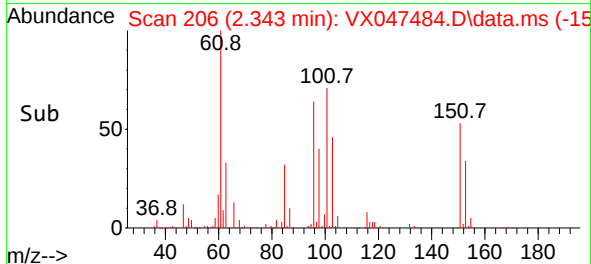
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 113344
Ion Ratio Lower Upper
101 100
85 44.2 34.3 51.5
151 75.1 59.2 88.8

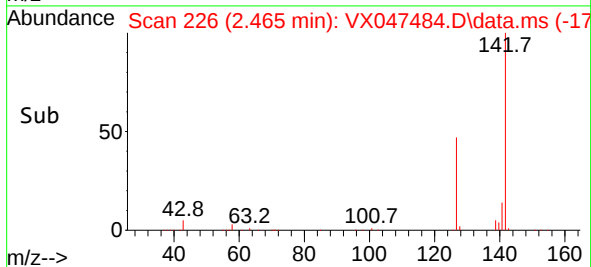
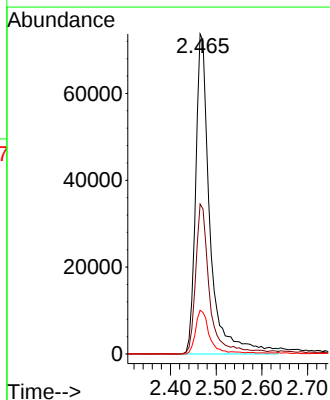
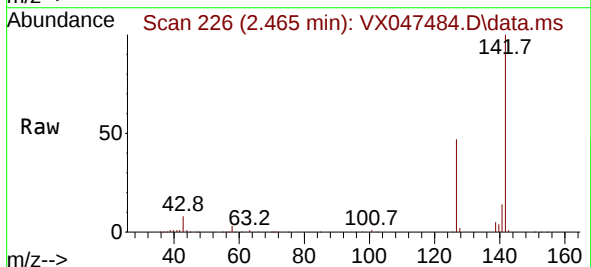
Manual Integrations
APPROVED

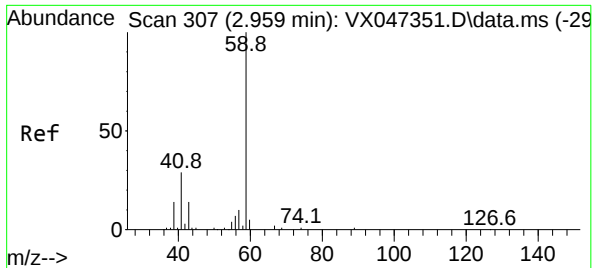
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#10
Methyl Iodide
Concen: 37.716 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

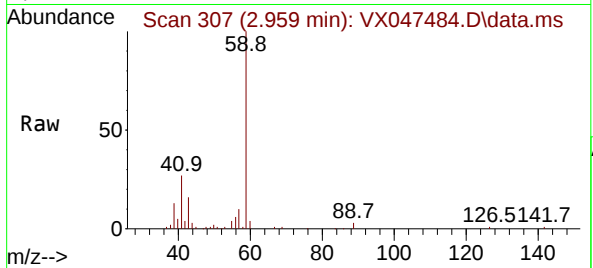
Tgt Ion:142 Resp: 161545
Ion Ratio Lower Upper
142 100
127 44.9 36.1 54.1
141 13.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 281.749 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

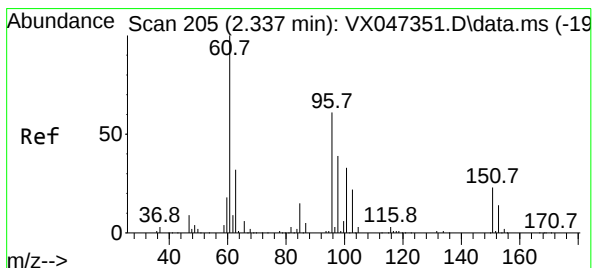
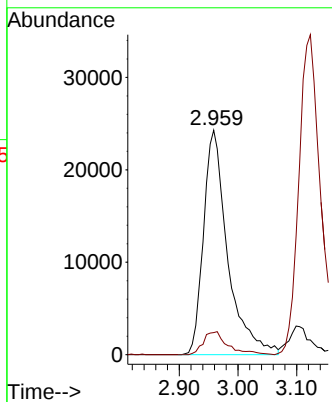
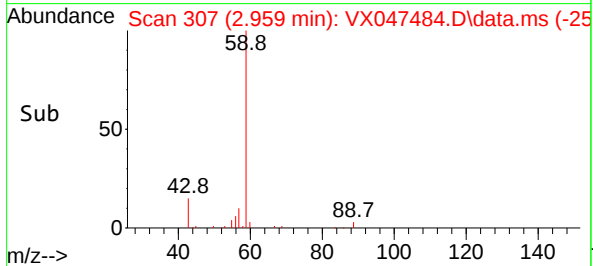
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



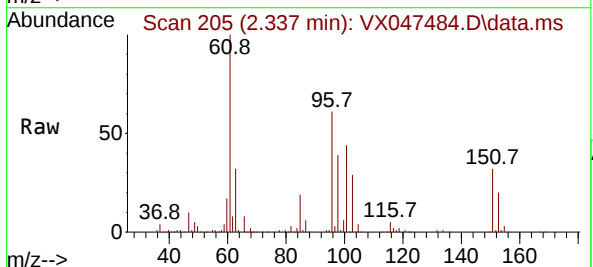
Tgt Ion: 59 Resp: 6942
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

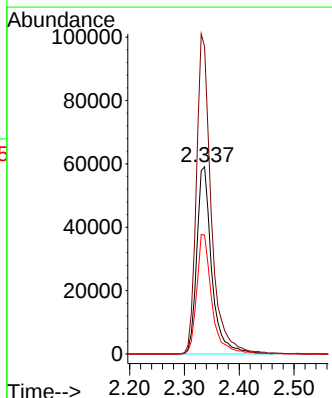
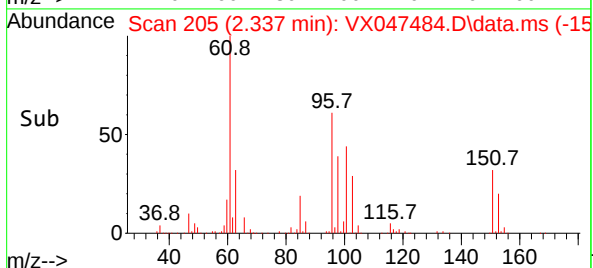
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

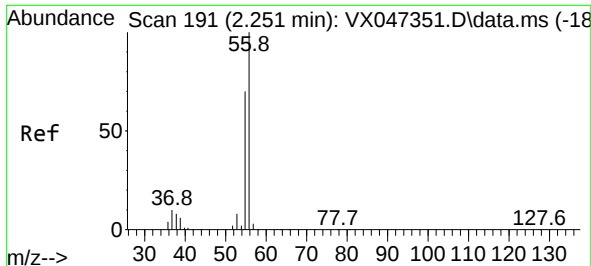


#12
1,1-Dichloroethene
Concen: 44.089 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



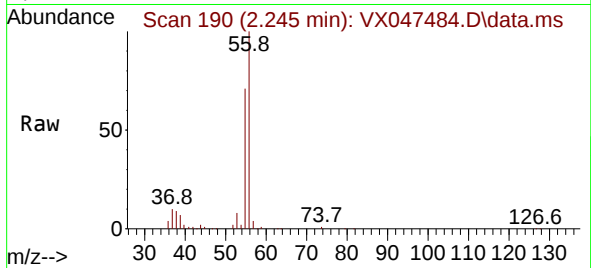
Tgt Ion: 96 Resp: 112343
Ion Ratio Lower Upper
96 100
61 164.0 132.2 198.2
98 63.5 51.2 76.8





#13
Acrolein
Concen: 259.607 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

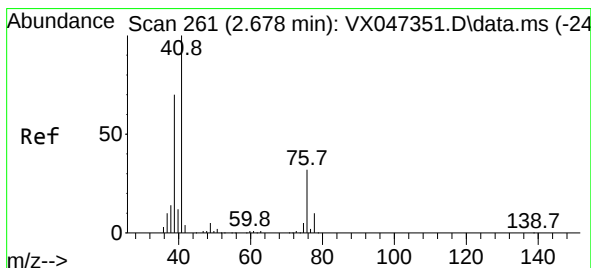
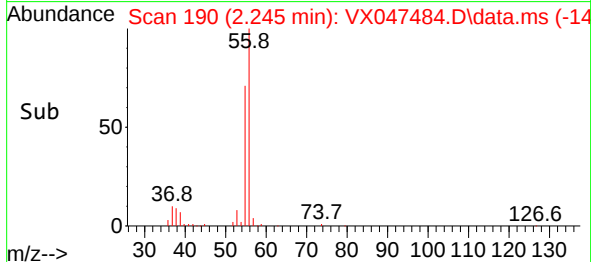
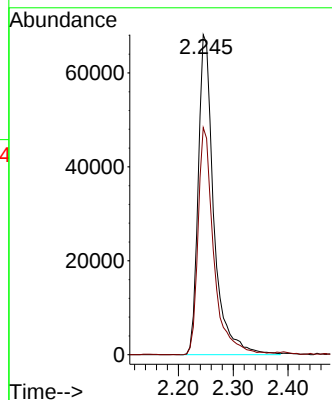
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 135030
Ion Ratio Lower Upper
56 100
55 71.4 55.5 83.3

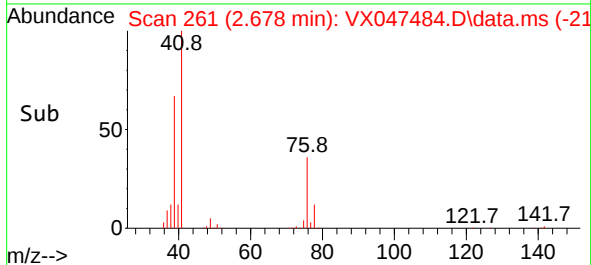
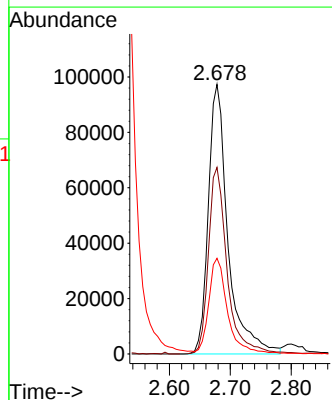
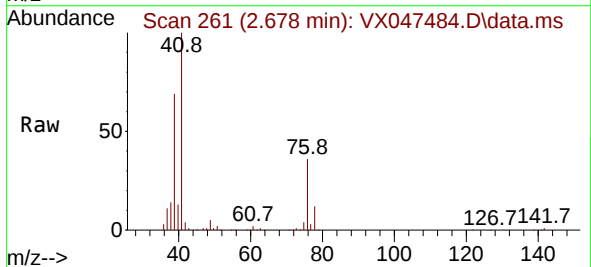
Manual Integrations
APPROVED

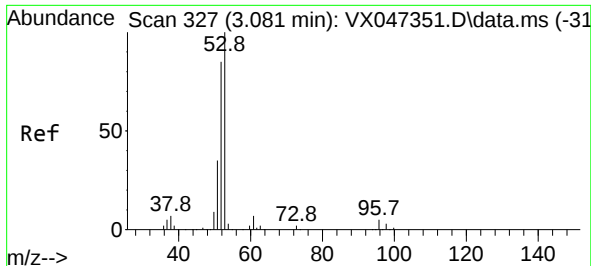
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 49.313 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

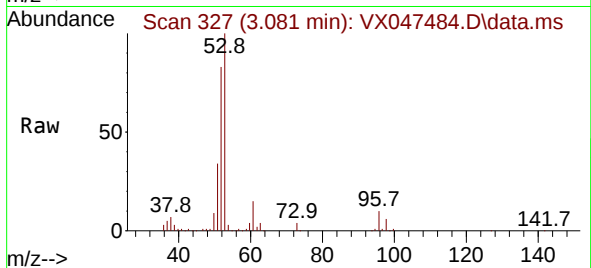
Tgt Ion: 41 Resp: 218245
Ion Ratio Lower Upper
41 100
39 65.9 54.6 81.8
76 33.8 27.6 41.4





#15
Acrylonitrile
Concen: 263.398 ug/l
RT: 3.081 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

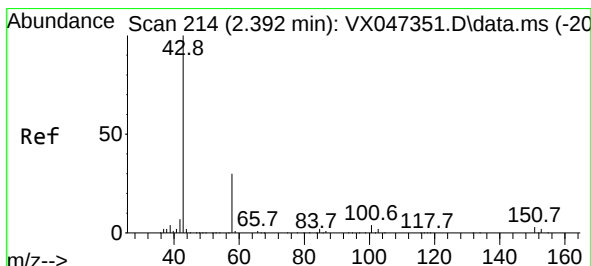
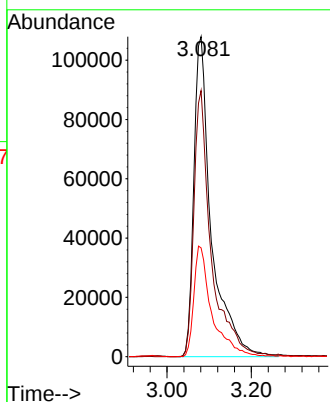
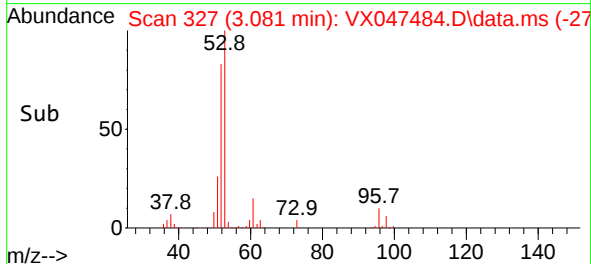
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



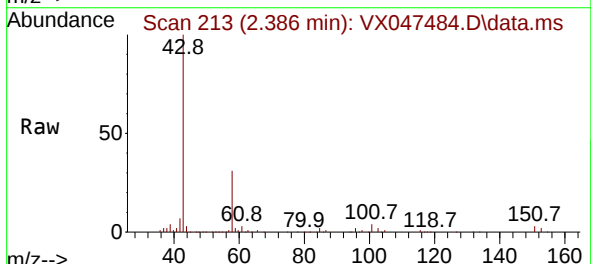
Tgt Ion: 53 Resp: 313610
Ion Ratio Lower Upper
53 100
52 81.6 65.8 98.6
51 35.6 28.2 42.2

Manual Integrations
APPROVED

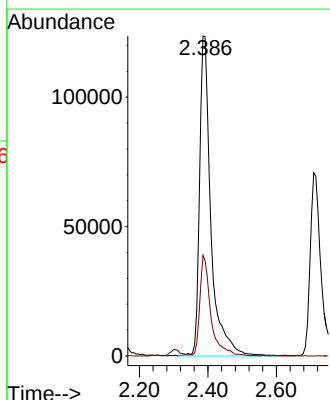
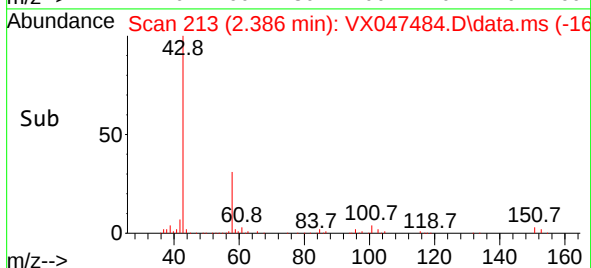
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

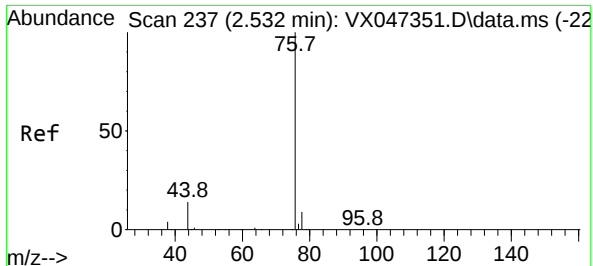


#16
Acetone
Concen: 267.964 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



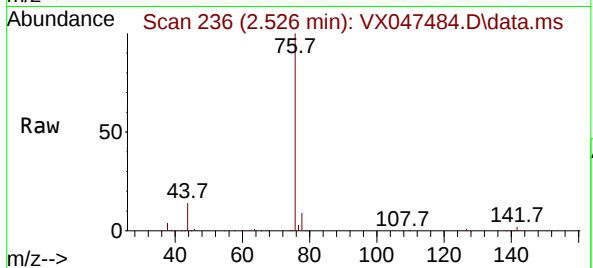
Tgt Ion: 43 Resp: 285280
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#17
Carbon Disulfide
Concen: 42.351 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

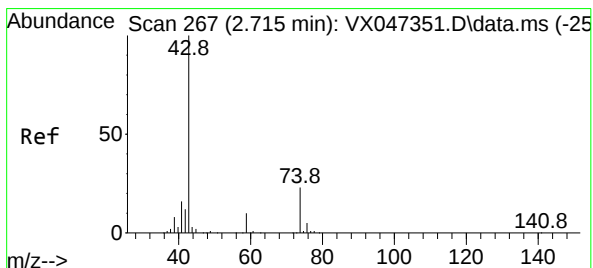
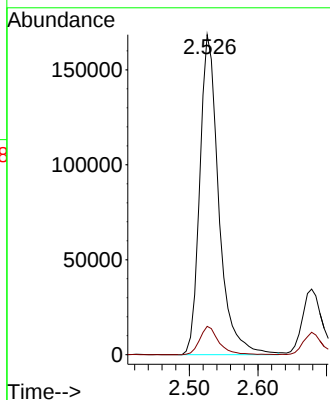
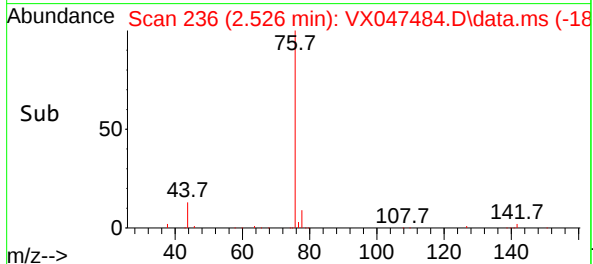
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 32564
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

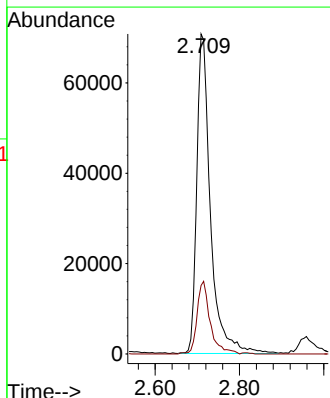
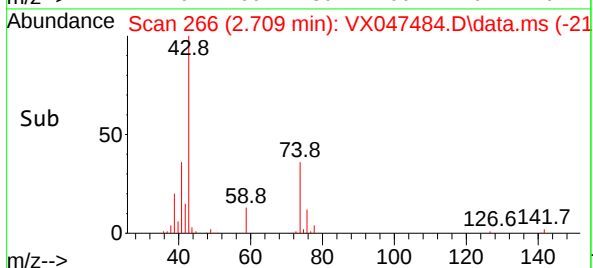
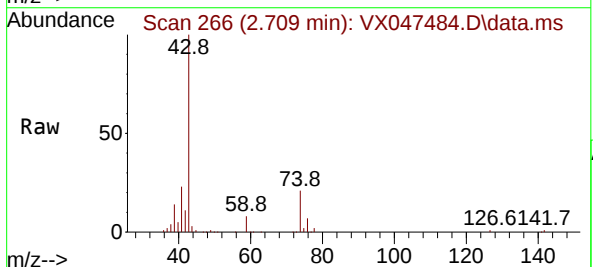
Manual Integrations
APPROVED

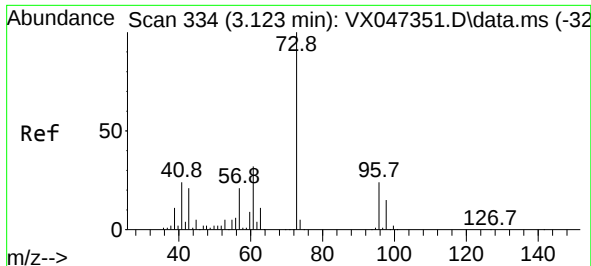
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#18
Methyl Acetate
Concen: 57.943 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 43 Resp: 159856
Ion Ratio Lower Upper
43 100
74 21.8 18.4 27.6





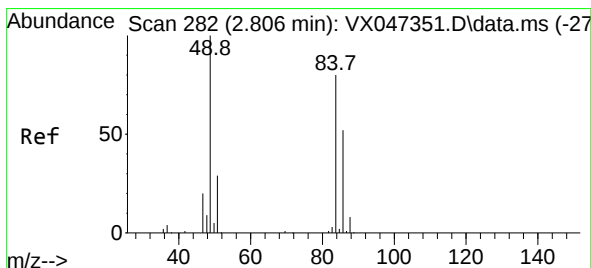
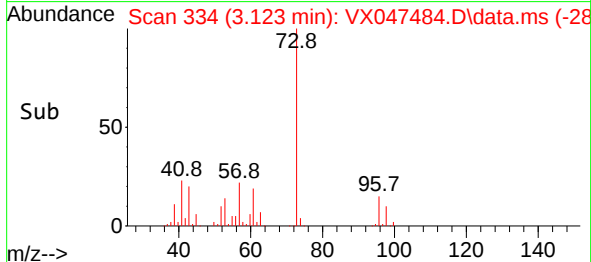
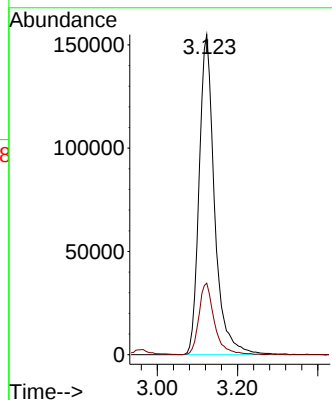
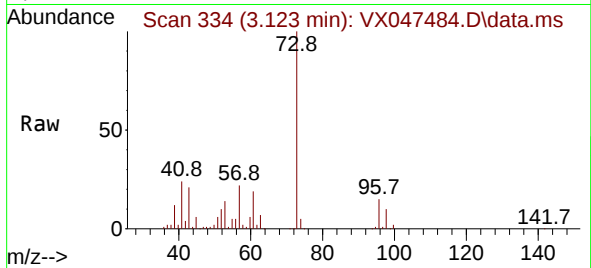
#19
Methyl tert-butyl Ether
Concen: 53.300 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 41316
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6

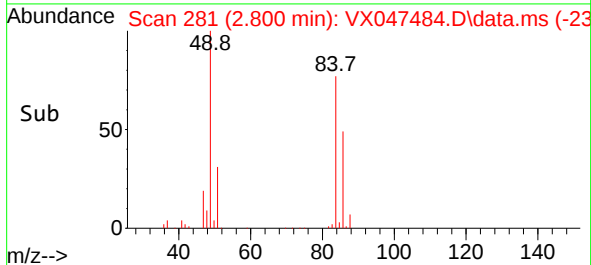
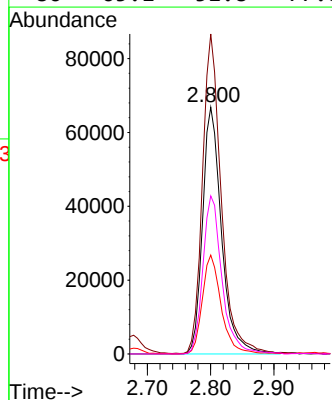
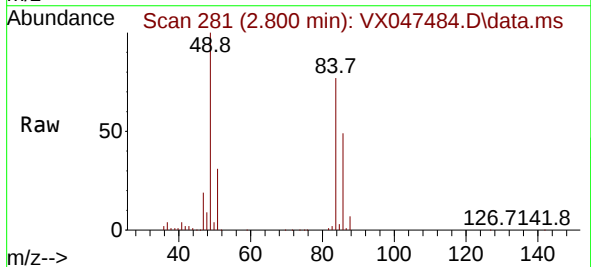
Manual Integrations
APPROVED

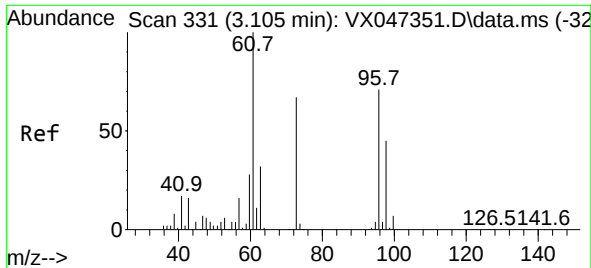
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 49.606 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

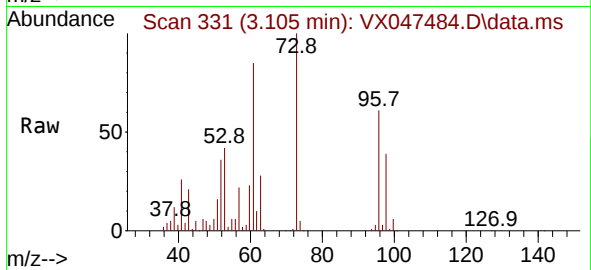
Tgt Ion: 84 Resp: 139844
Ion Ratio Lower Upper
84 100
49 129.5 100.1 150.1
51 40.0 29.5 44.3
86 65.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 47.007 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

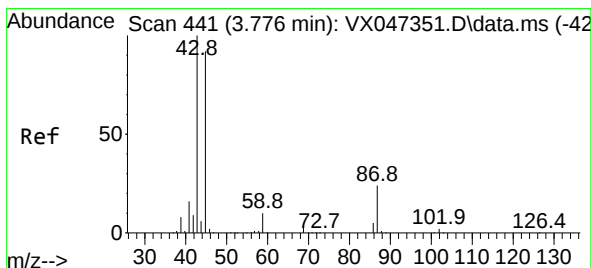
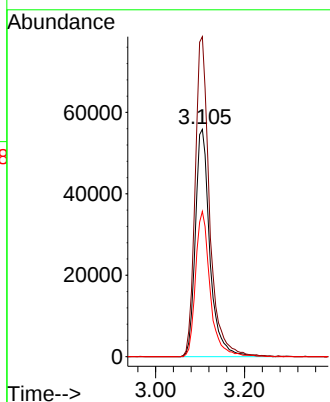
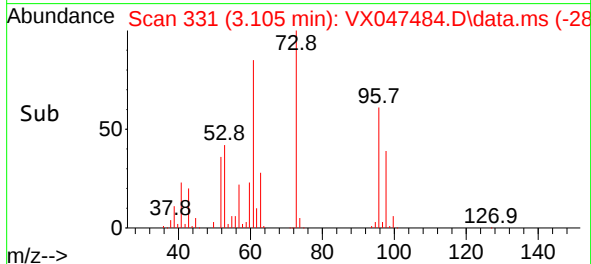
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



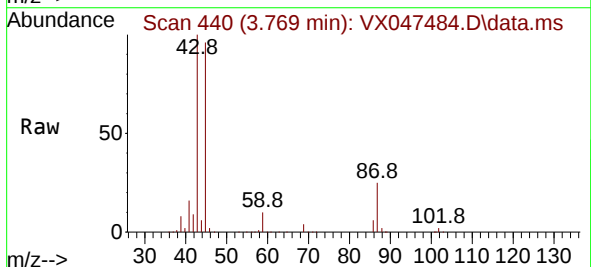
Tgt Ion: 96 Resp: 127129
Ion Ratio Lower Upper
96 100
61 140.7 112.6 169.0
98 63.9 50.9 76.3

Manual Integrations
APPROVED

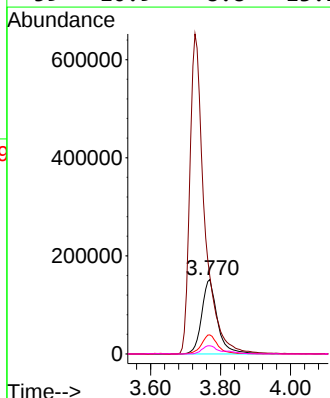
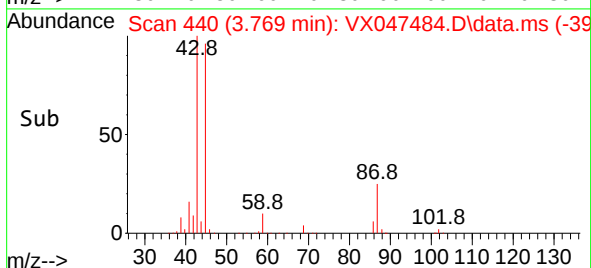
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

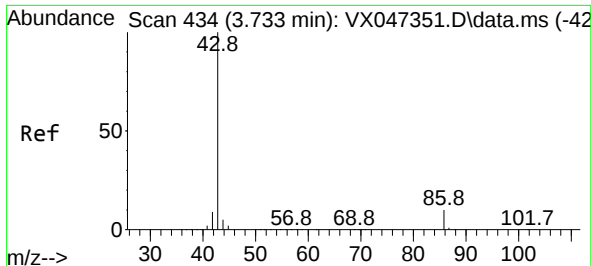


#22
Diisopropyl ether
Concen: 54.011 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



Tgt Ion: 45 Resp: 472502
Ion Ratio Lower Upper
45 100
43 104.0 86.8 130.2
87 25.7 20.4 30.6
59 10.9 8.8 13.2





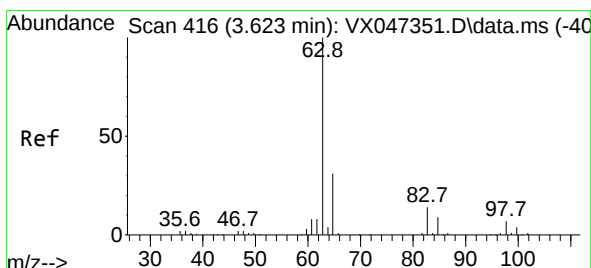
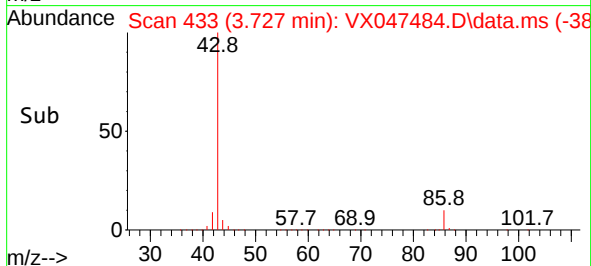
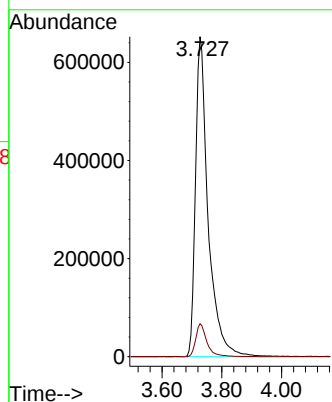
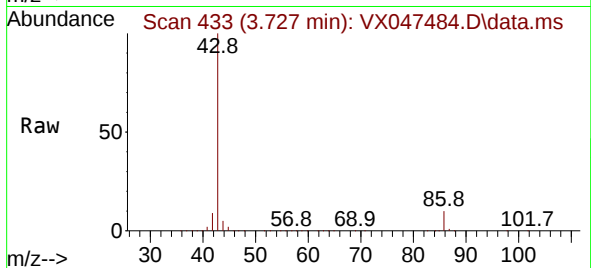
#23
 Vinyl Acetate
 Concen: 267.095 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 191518
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9

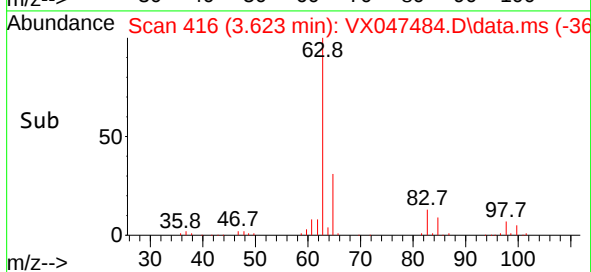
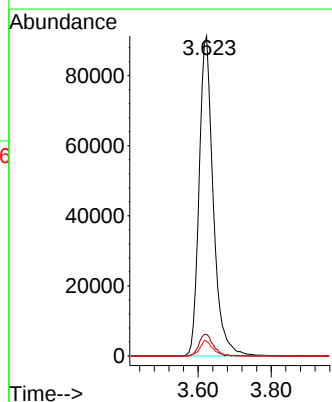
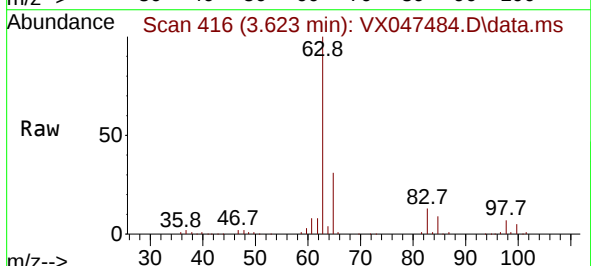
Manual Integrations
 APPROVED

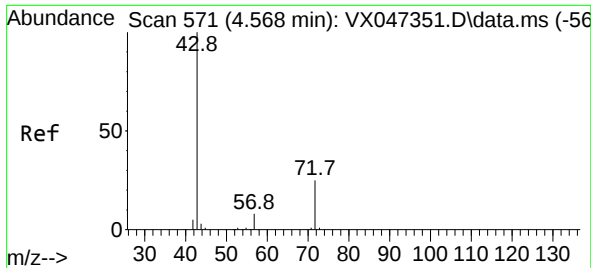
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 49.558 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

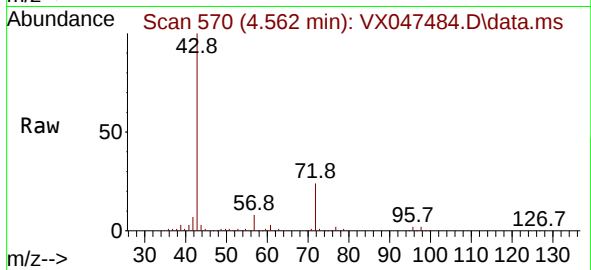
Tgt Ion: 63 Resp: 245050
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.7 2.1 6.3





#25
2-Butanone
Concen: 278.919 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

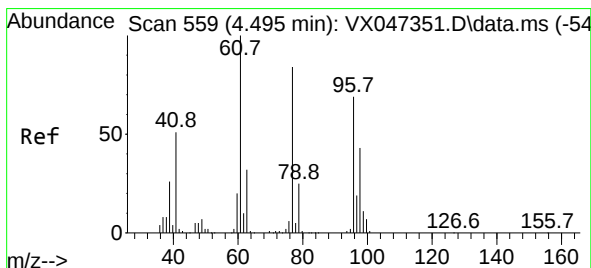
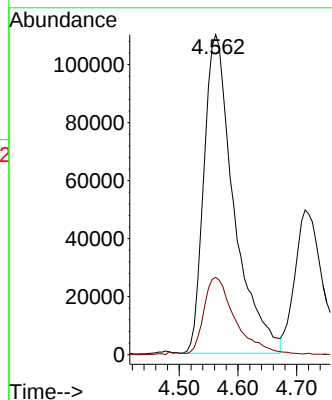
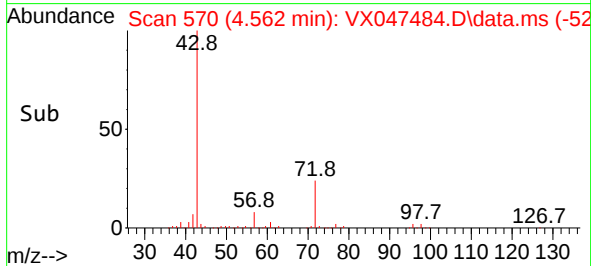
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 388898
Ion Ratio Lower Upper
43 100
72 23.5 19.8 29.8

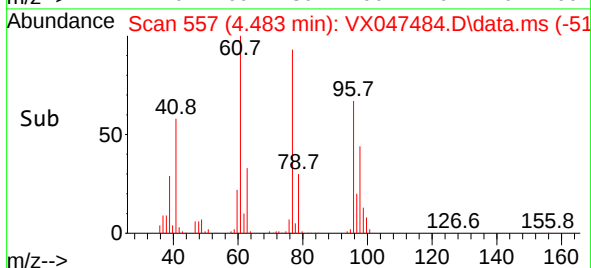
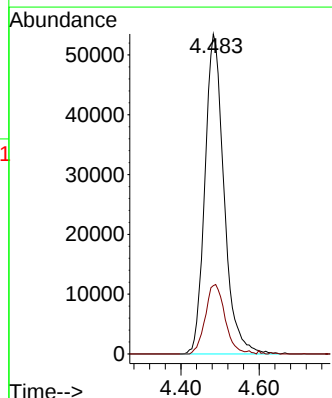
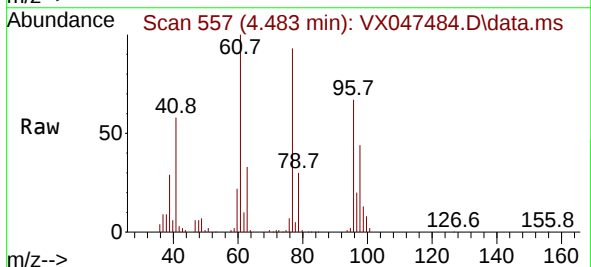
Manual Integrations
APPROVED

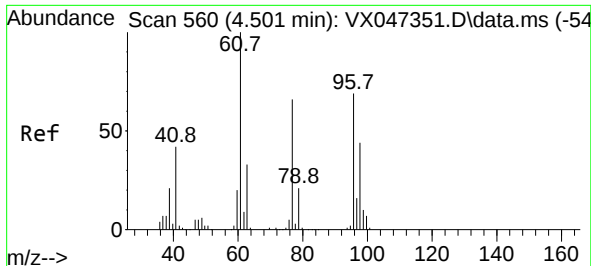
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
2,2-Dichloropropane
Concen: 48.462 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 77 Resp: 180865
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.875 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 157104

Ion Ratio Lower Upper

96 100

61 143.9 0.0 296.6

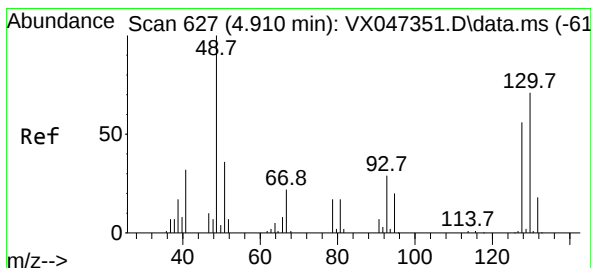
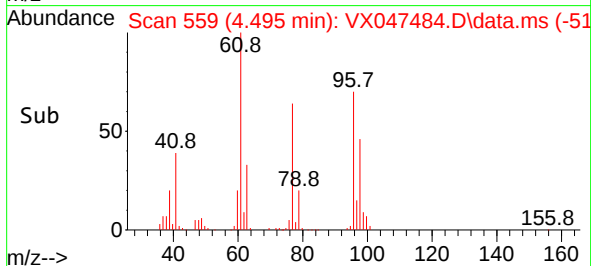
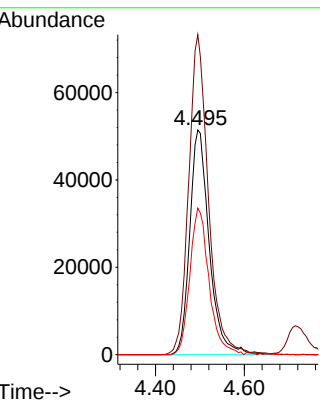
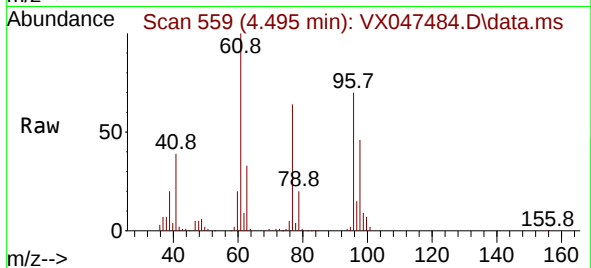
98 64.2 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#28

Bromochloromethane

Concen: 59.532 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

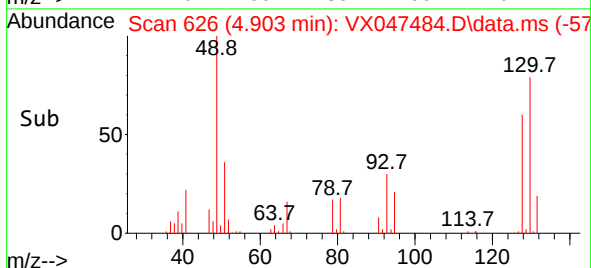
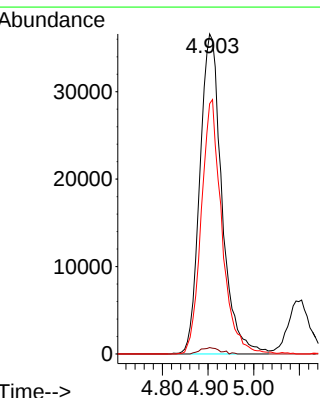
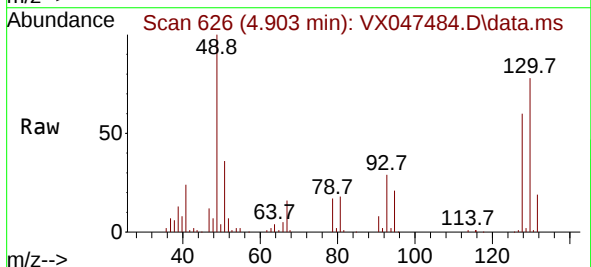
Tgt Ion: 49 Resp: 122494

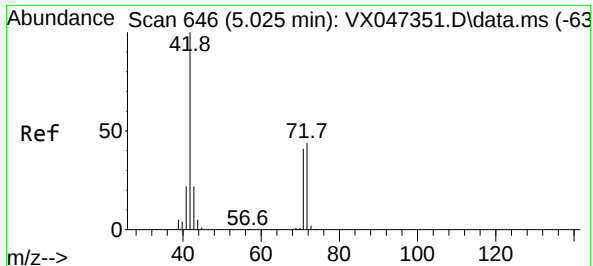
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 74.4 59.8 89.6





#29

Tetrahydrofuran

Concen: 257.210 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047484.D

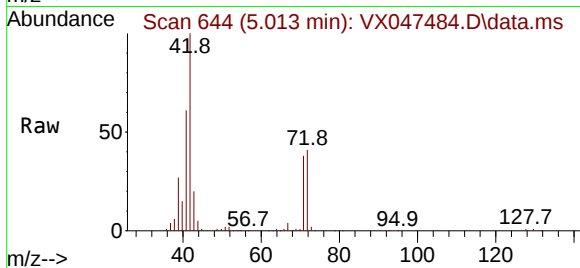
Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



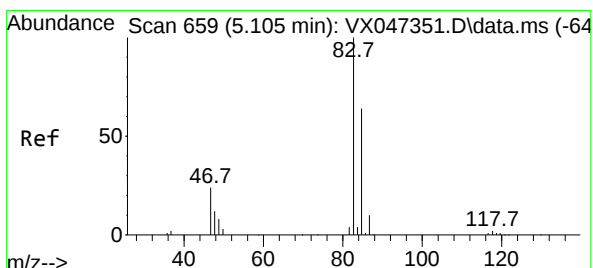
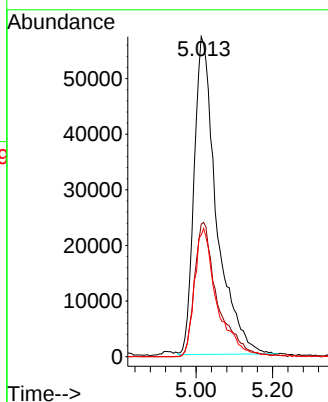
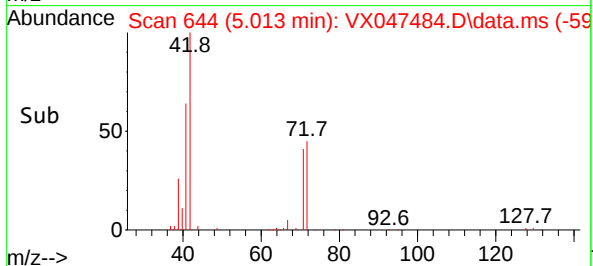
Tgt Ion:	42	Resp:	23179
Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.6	51.8
71	40.5	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#30

Chloroform

Concen: 50.499 ug/l

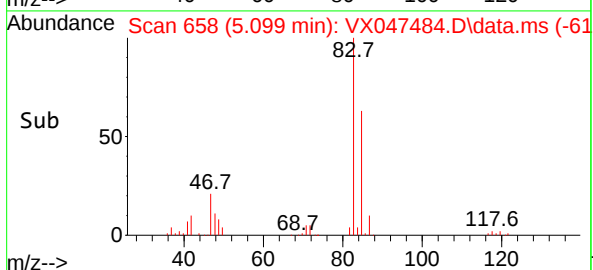
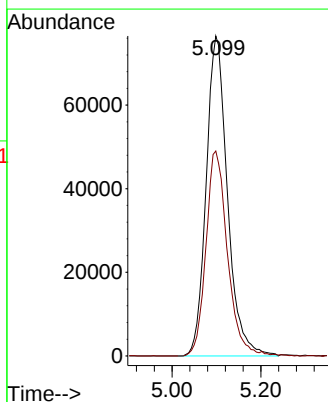
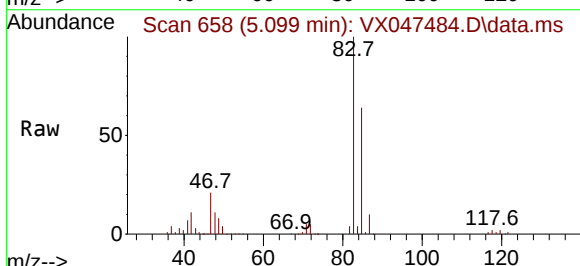
RT: 5.099 min Scan# 658

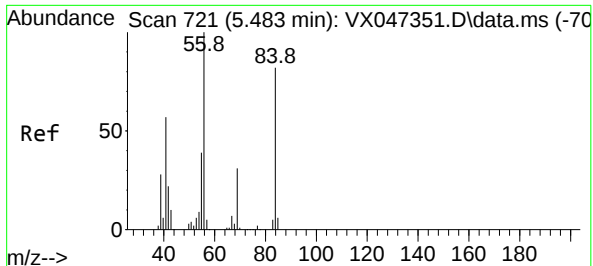
Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

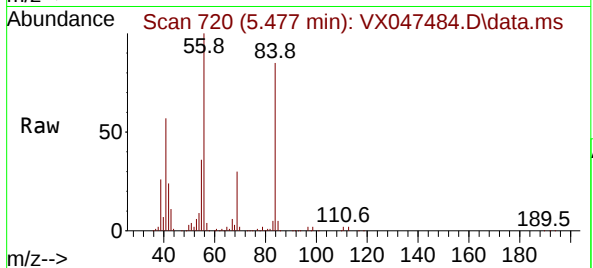
Tgt Ion:	83	Resp:	254837
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8





#31
Cyclohexane
Concen: 42.608 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

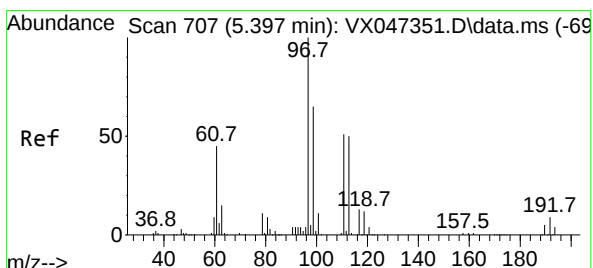
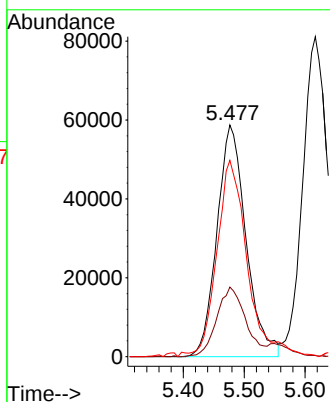
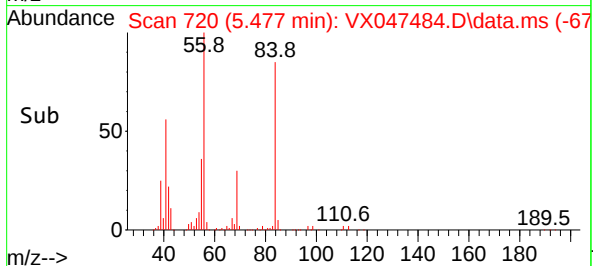
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 19421
Ion Ratio Lower Upper
56 100
69 30.1 24.3 36.5
84 84.7 65.3 97.9

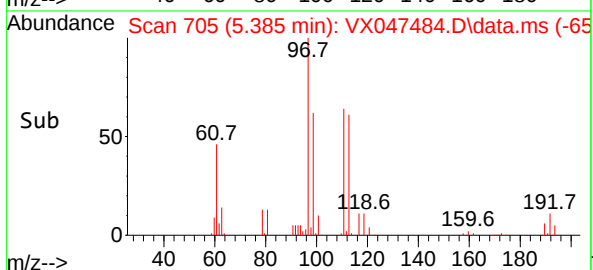
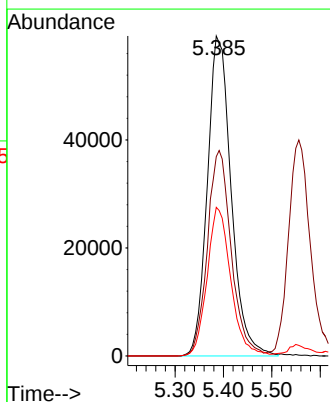
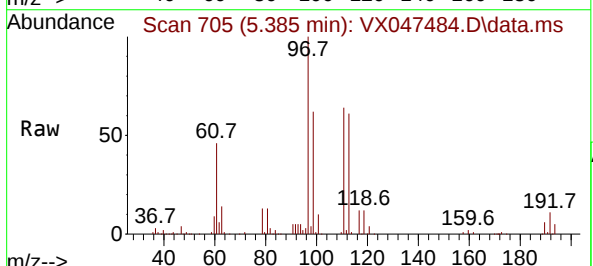
Manual Integrations
APPROVED

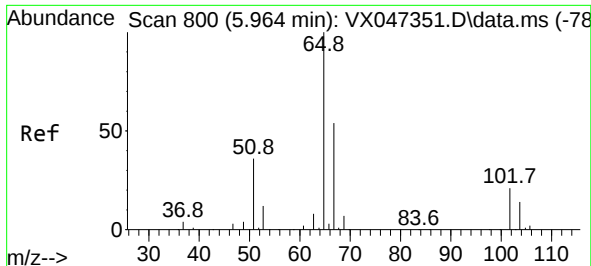
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 46.699 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

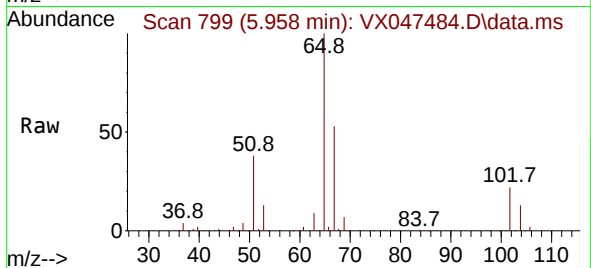
Tgt Ion: 97 Resp: 202843
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.2 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 55.388 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

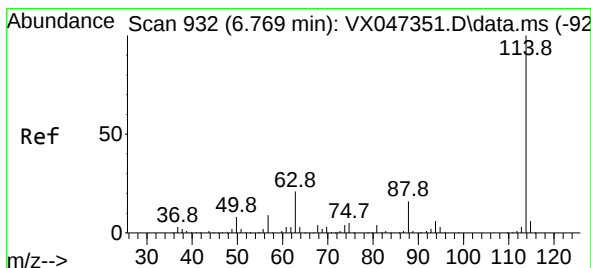
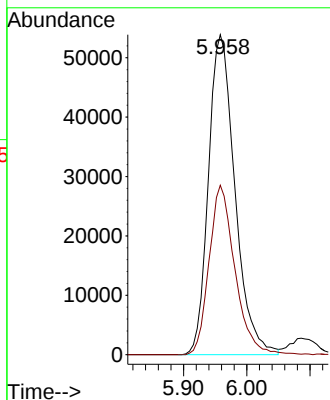
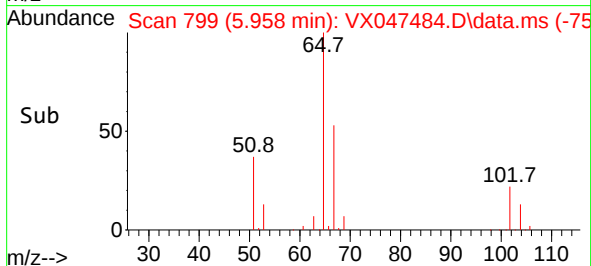
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 156870
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0

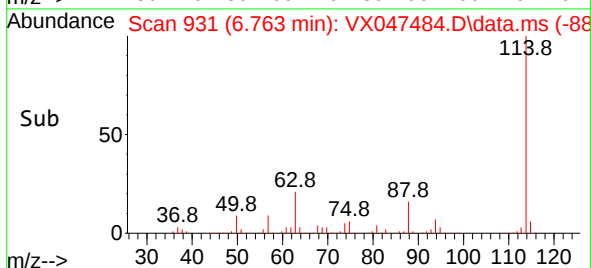
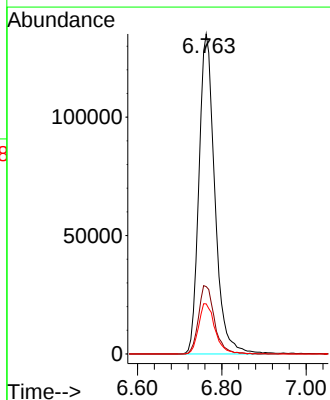
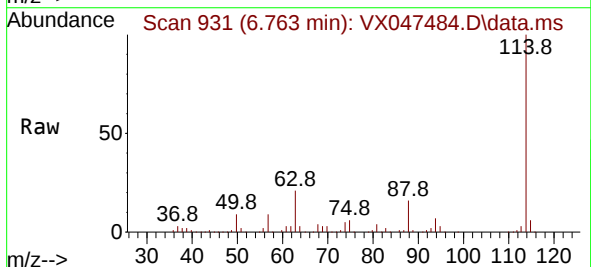
Manual Integrations
APPROVED

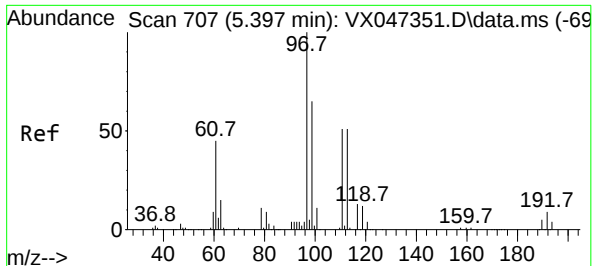
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:114 Resp: 354638
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.026 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047484.D

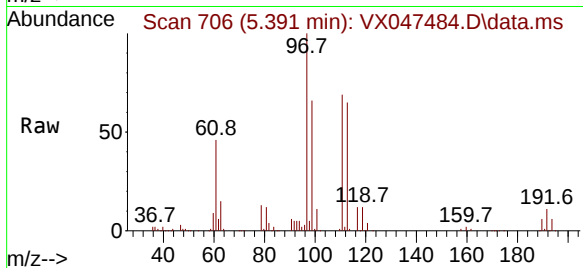
Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



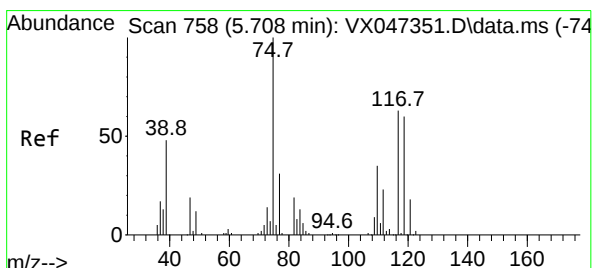
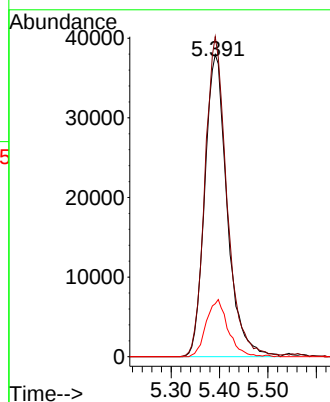
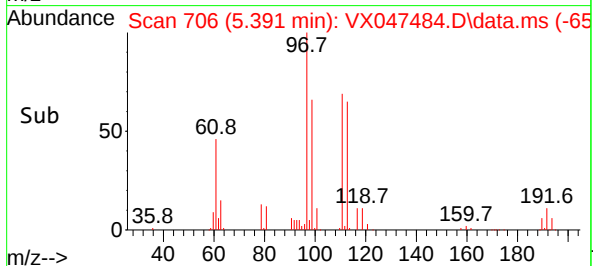
Tgt Ion:	113	Resp:	122040
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	18.4	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#36

1,1-Dichloropropene

Concen: 44.562 ug/l

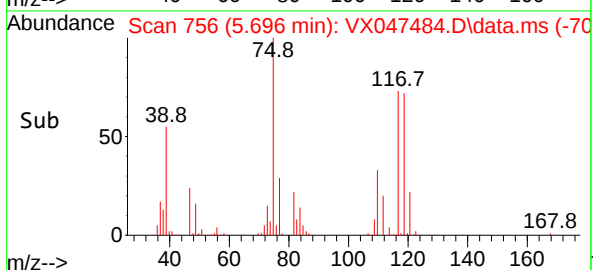
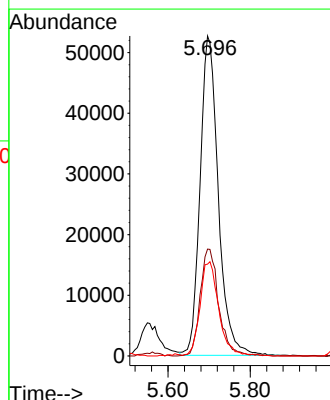
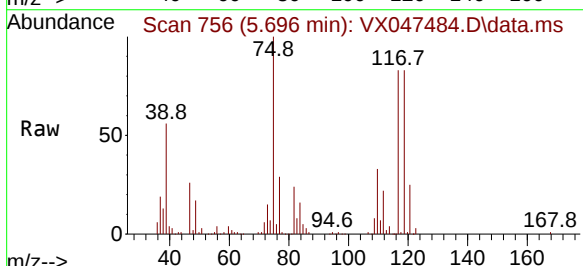
RT: 5.696 min Scan# 756

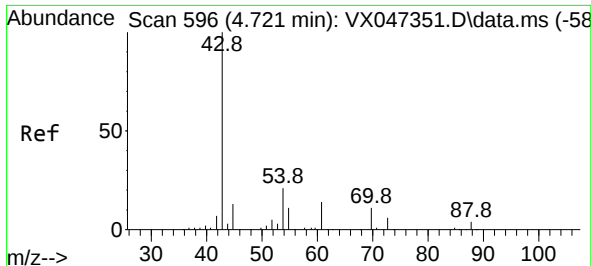
Delta R.T. -0.012 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Tgt Ion:	75	Resp:	161908
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.4	52.2
77	29.7	24.4	36.6





#37

Ethyl Acetate

Concen: 44.088 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

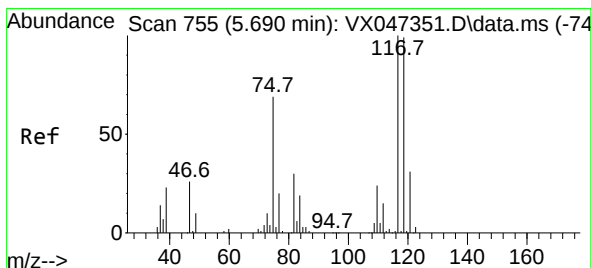
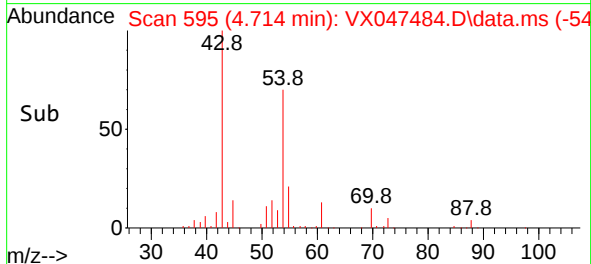
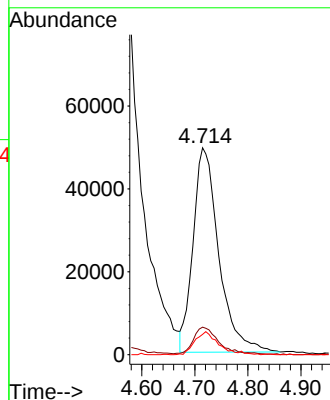
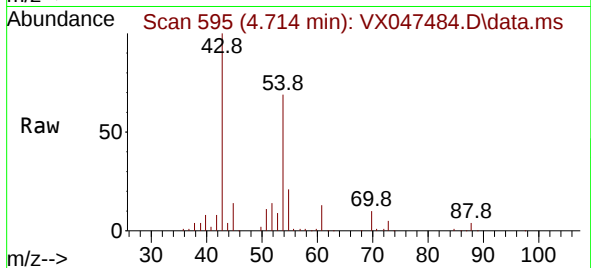
Tgt Ion: 43 Resp: 166297
 Ion Ratio Lower Upper
 43 100
 61 12.9 9.4 14.2
 70 10.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#38

Carbon Tetrachloride

Concen: 43.887 ug/l

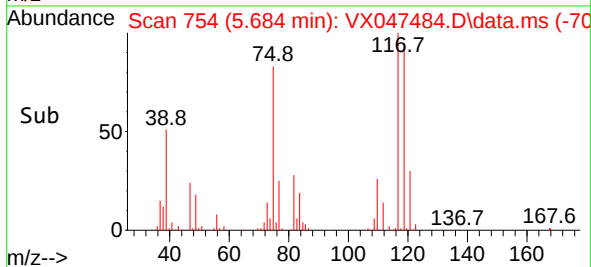
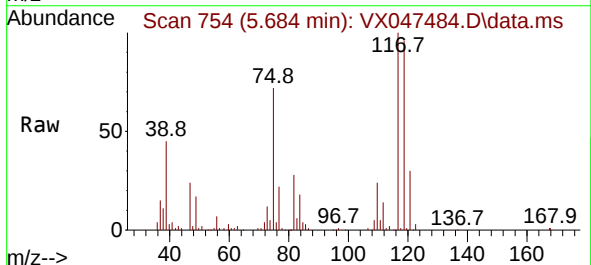
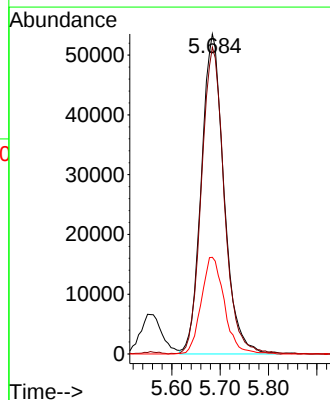
RT: 5.684 min Scan# 754

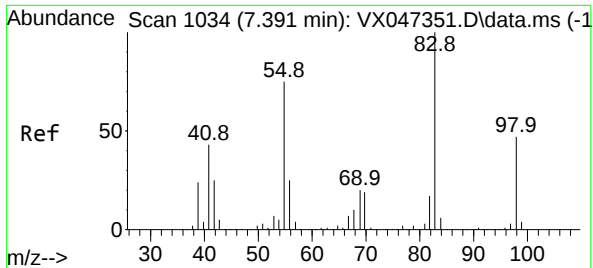
Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Tgt Ion:117 Resp: 174249
 Ion Ratio Lower Upper
 117 100
 119 95.6 78.5 117.7
 121 30.2 24.7 37.1





#39

Methylcyclohexane

Concen: 42.164 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.012 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

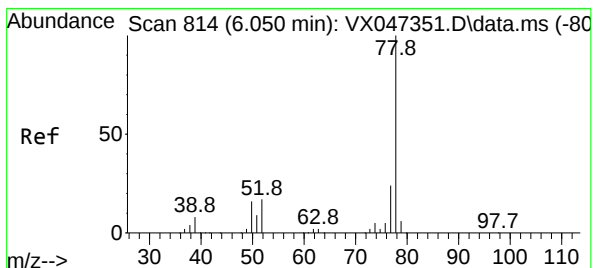
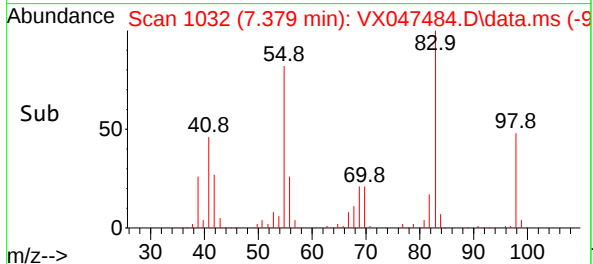
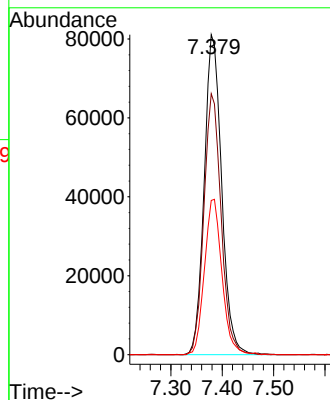
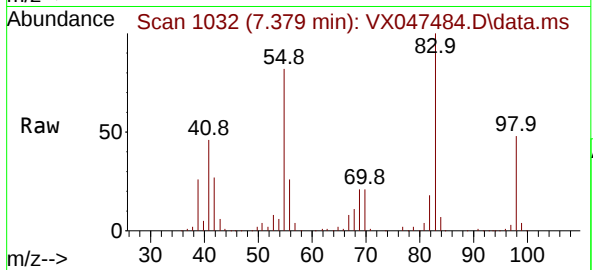
Tgt Ion:	83	Resp:	19108
Ion Ratio	Lower	Upper	
83	100		
55	81.5	60.0	90.0
98	48.2	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 47.628 ug/l

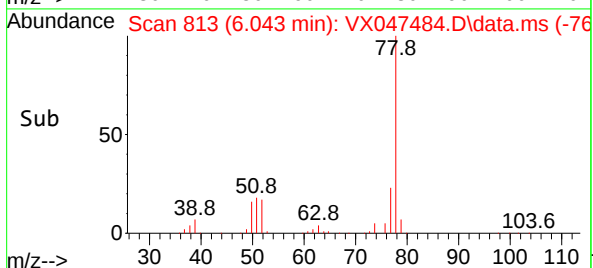
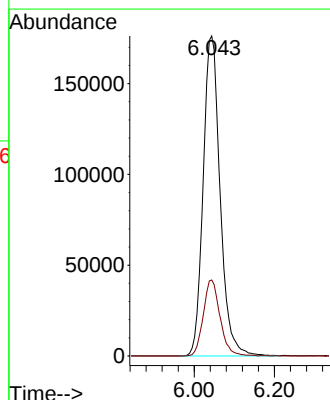
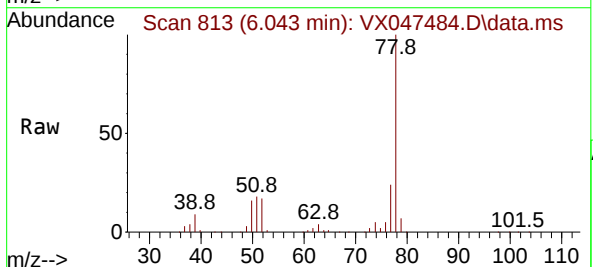
RT: 6.043 min Scan# 813

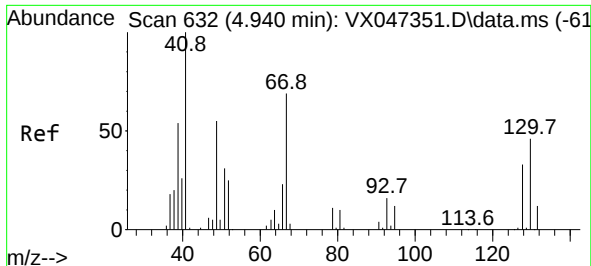
Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Tgt Ion:	78	Resp:	517963
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 49.915 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

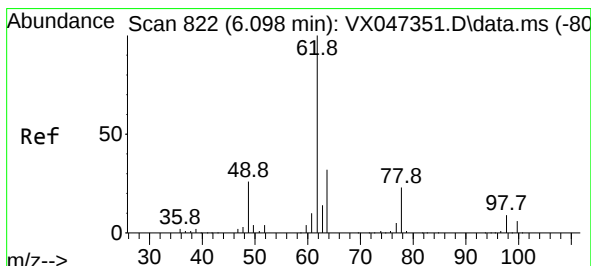
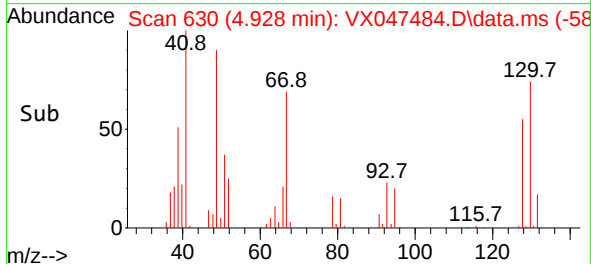
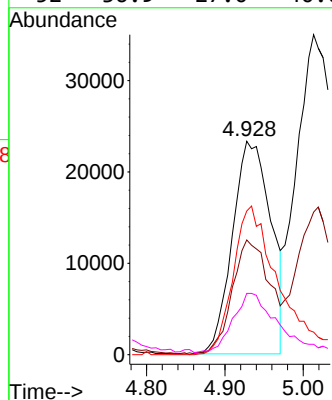
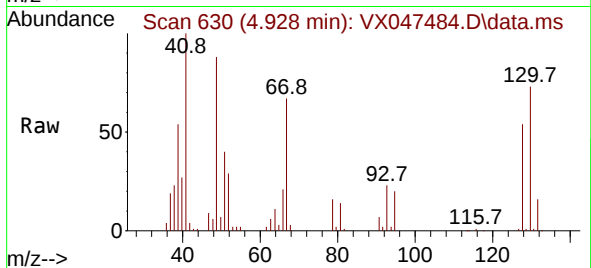
VSTDCCC050

Tgt Ion: 41 Resp: 79394
Ion Ratio Lower Upper
41 100
39 53.0 45.4 68.2
67 84.3 64.0 96.0
52 36.9 27.0 40.6

Manual Integrations

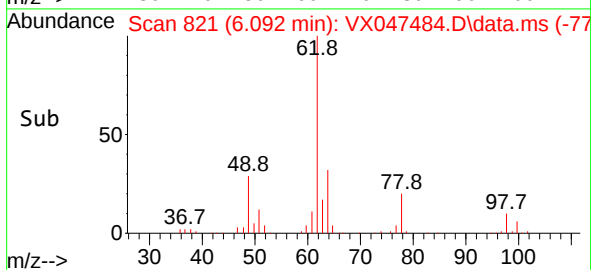
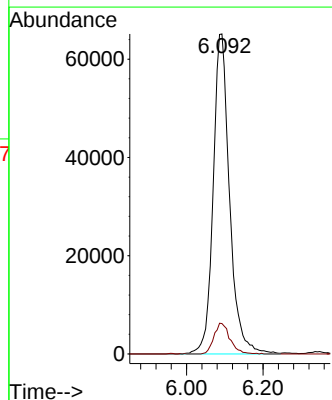
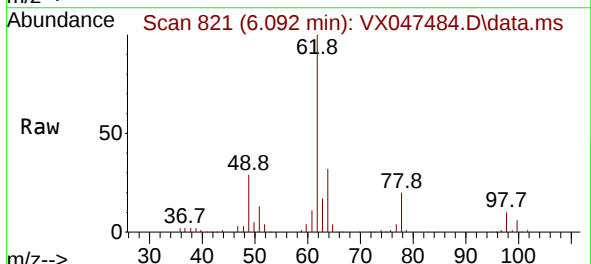
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 50.319 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 62 Resp: 193834
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





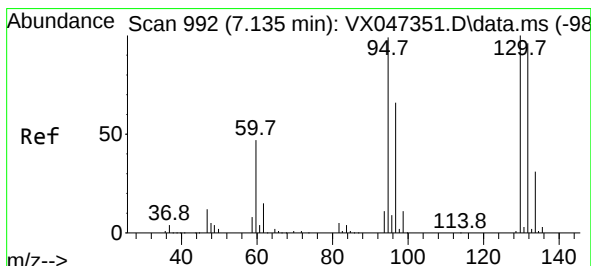
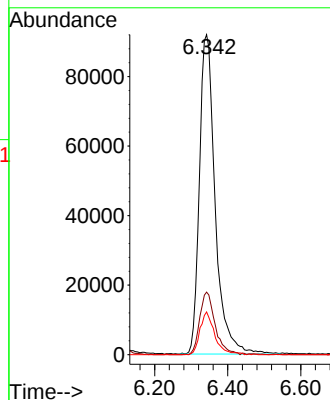
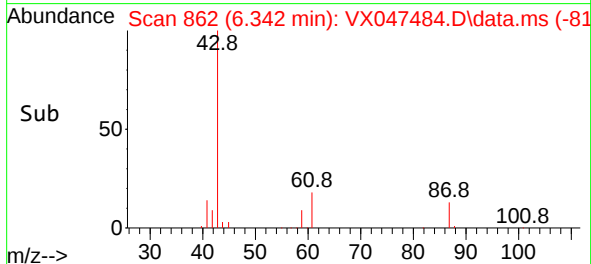
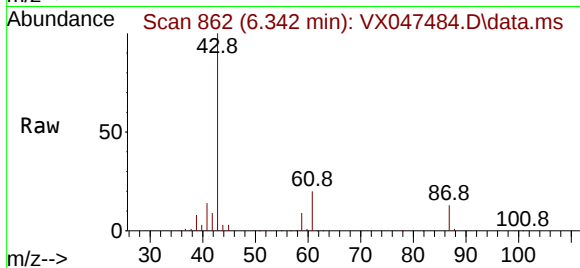
#43
Isopropyl Acetate
Concen: 50.985 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27627
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 12.5 10.2 15.4

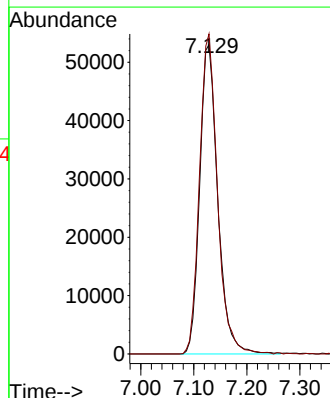
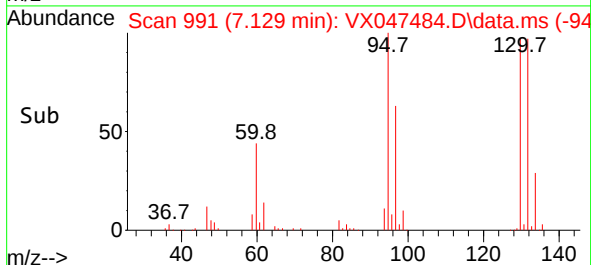
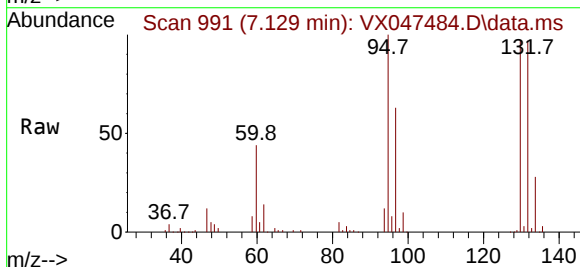
Manual Integrations
APPROVED

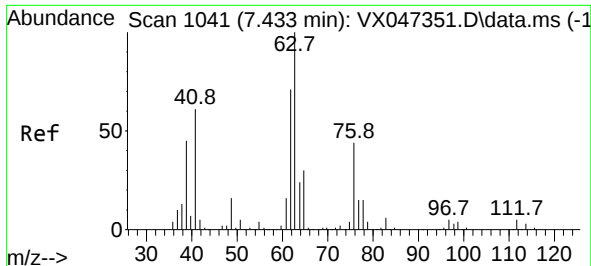
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
Trichloroethene
Concen: 45.119 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:130 Resp: 125639
Ion Ratio Lower Upper
130 100
95 103.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.956 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13610

Ion Ratio Lower Upper

63 100

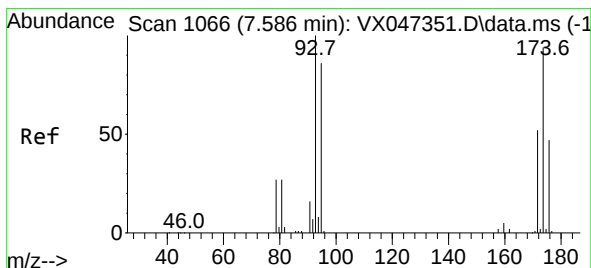
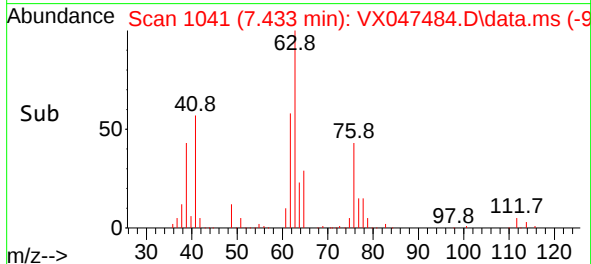
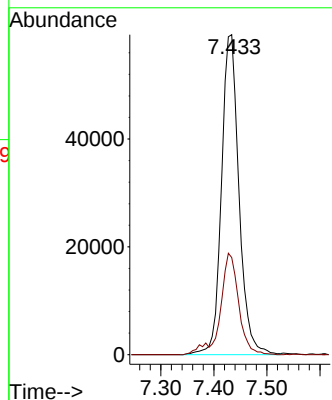
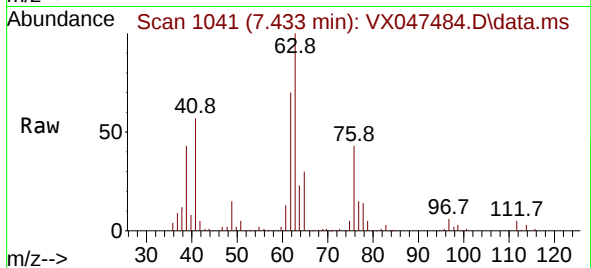
65 30.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#46

Dibromomethane

Concen: 50.815 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

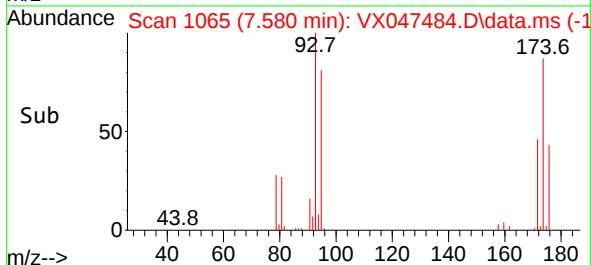
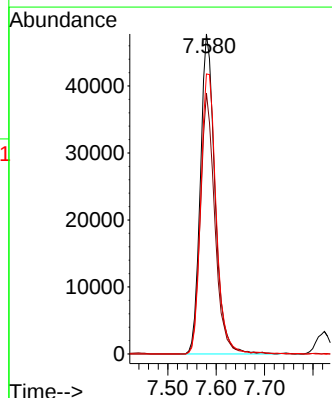
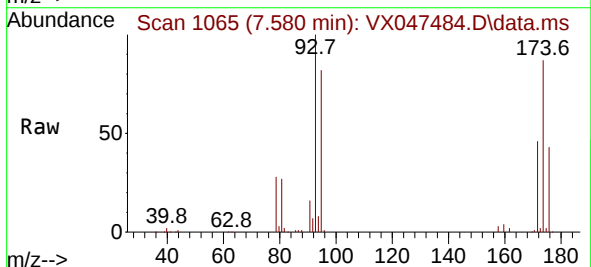
Tgt Ion: 93 Resp: 100509

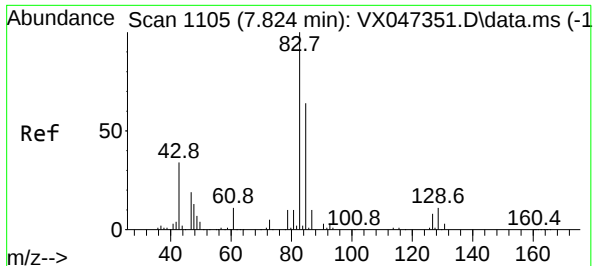
Ion Ratio Lower Upper

93 100

95 80.1 68.0 102.0

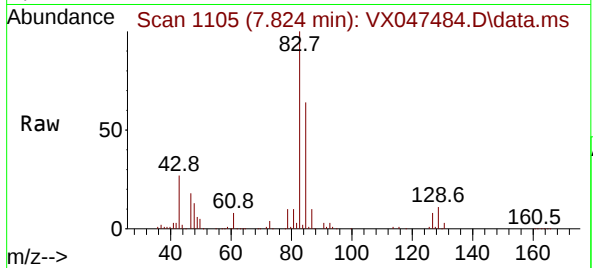
174 91.6 75.8 113.6





#47
Bromodichloromethane
Concen: 51.092 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

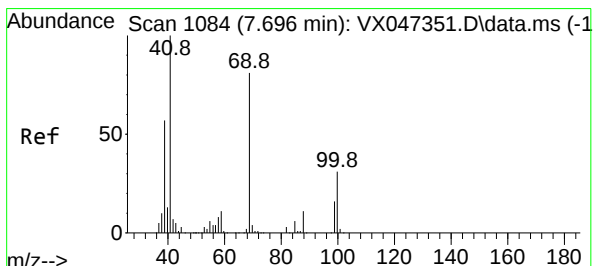
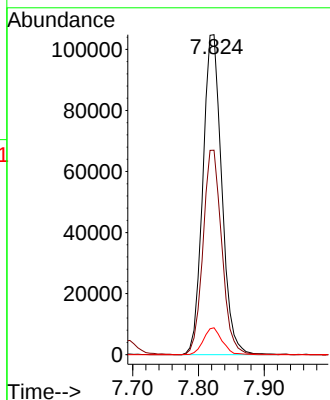
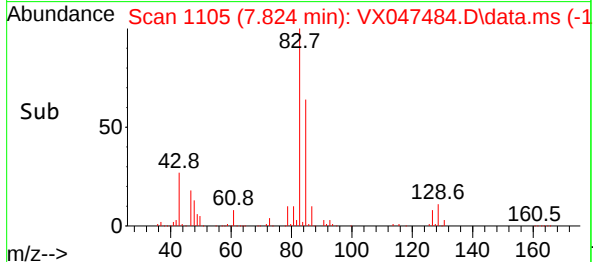
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



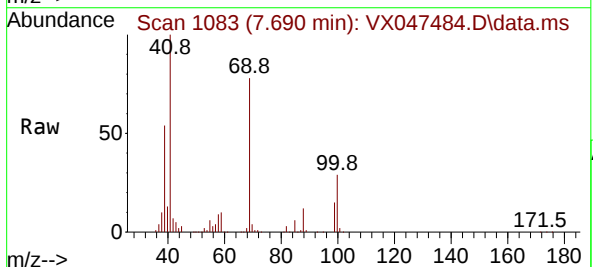
Tgt Ion: 83 Resp: 209500
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.6
127 8.4 7.0 10.4

Manual Integrations
APPROVED

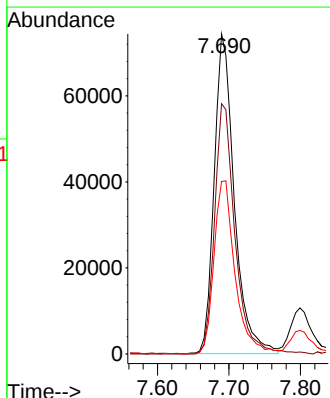
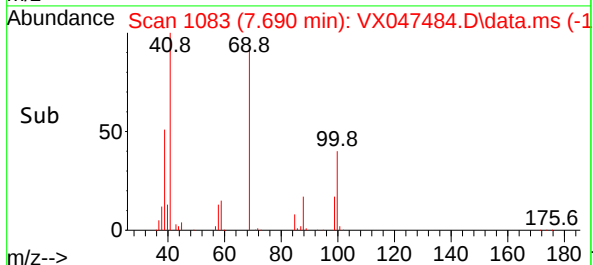
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

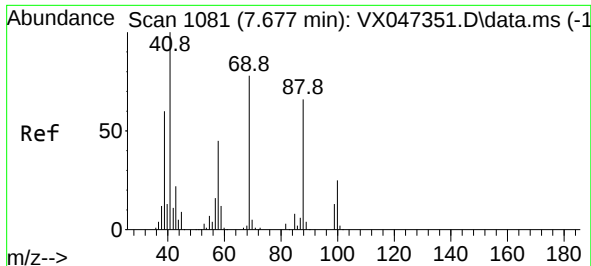


#48
Methyl methacrylate
Concen: 51.731 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



Tgt Ion: 41 Resp: 145500
Ion Ratio Lower Upper
41 100
69 79.3 65.0 97.4
39 56.7 45.7 68.5





#49

1,4-Dioxane

Concen: 1114.267 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3046

Ion Ratio Lower Upper

88 100

43 38.4 32.4 48.6

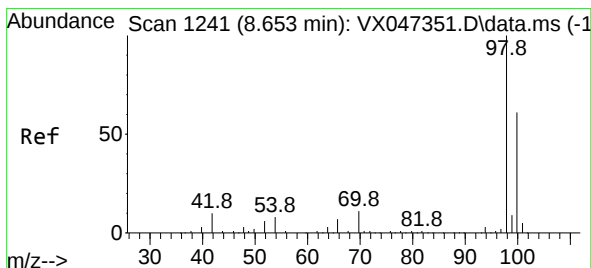
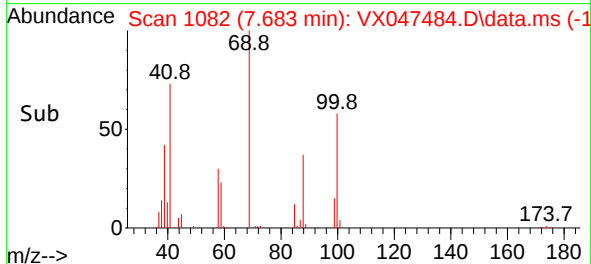
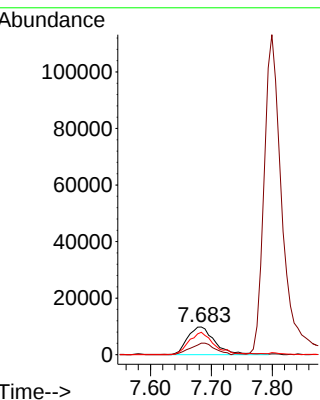
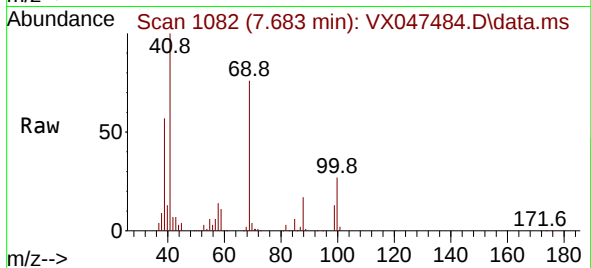
58 74.5 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 50.990 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047484.D

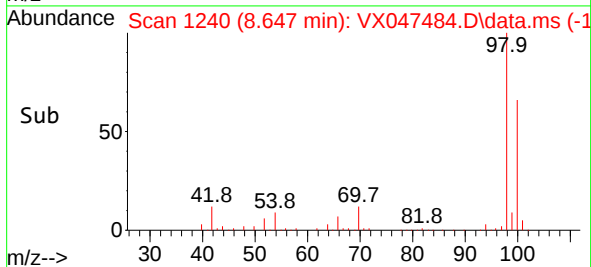
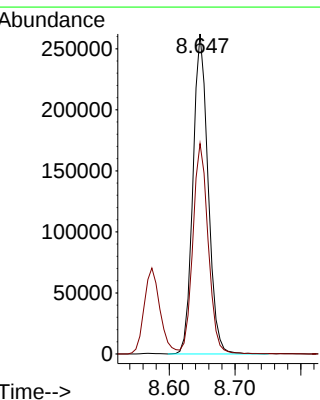
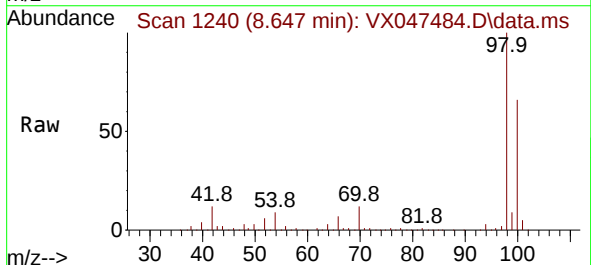
Acq: 22 Aug 2025 10:00

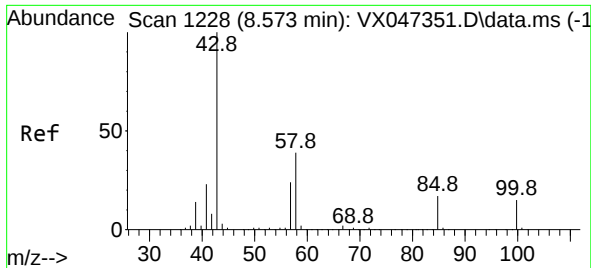
Tgt Ion: 98 Resp: 419479

Ion Ratio Lower Upper

98 100

100 66.2 53.9 80.9





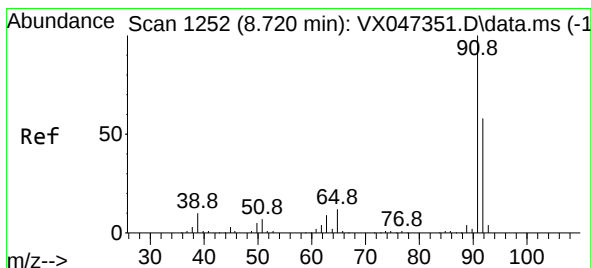
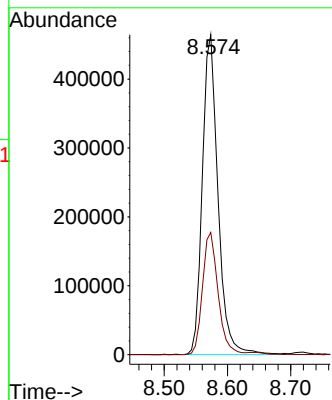
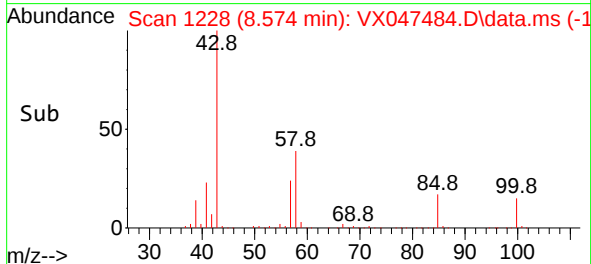
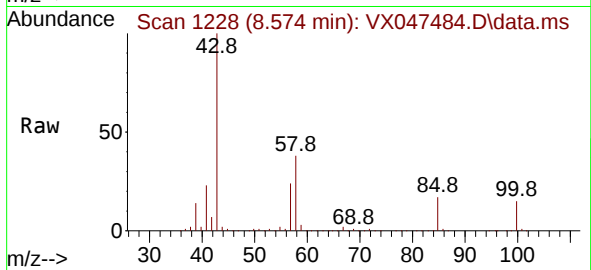
#51
4-Methyl-2-Pentanone
Concen: 256.232 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 79899
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8

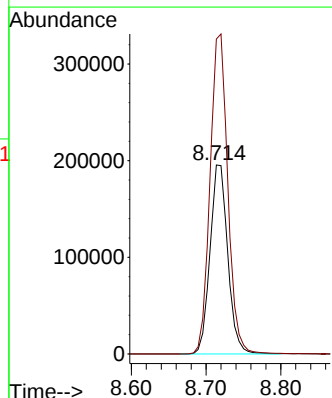
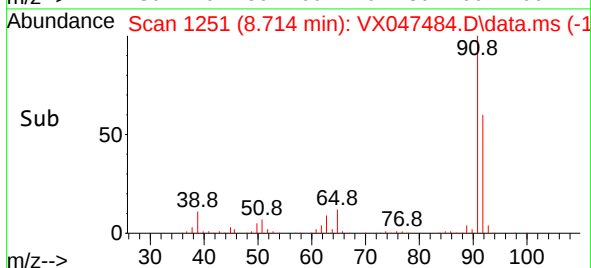
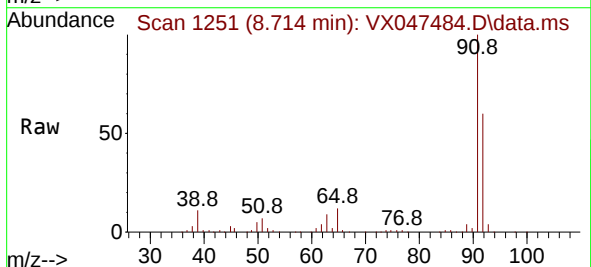
Manual Integrations
APPROVED

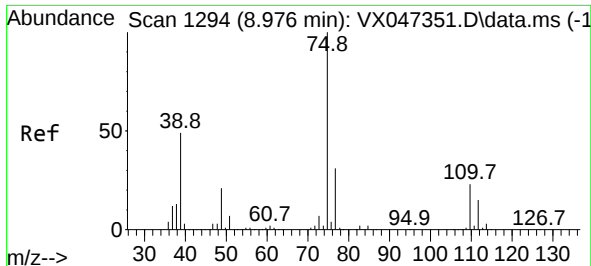
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Toluene
Concen: 48.047 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 92 Resp: 322875
Ion Ratio Lower Upper
92 100
91 169.5 136.3 204.5





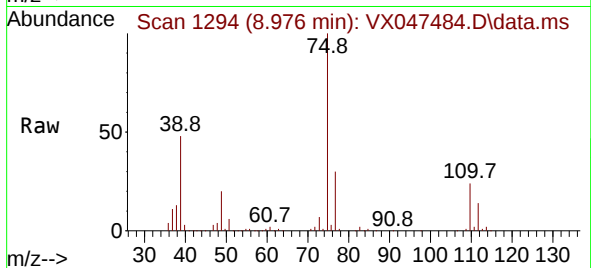
#53
t-1,3-Dichloropropene
Concen: 53.221 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

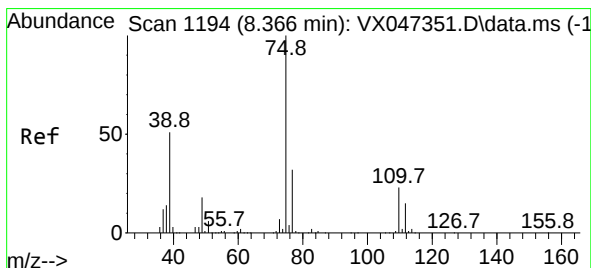
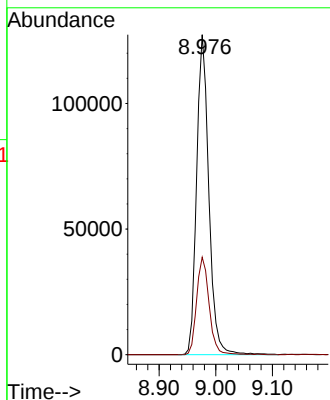
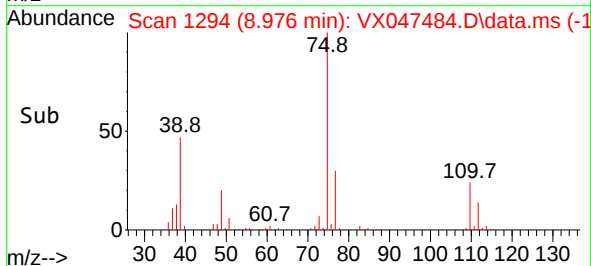


Tgt Ion: 75 Resp: 19046
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1

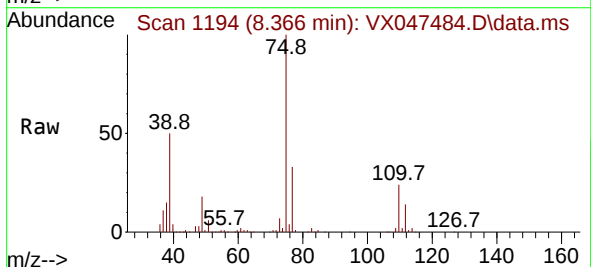
Manual Integrations

APPROVED

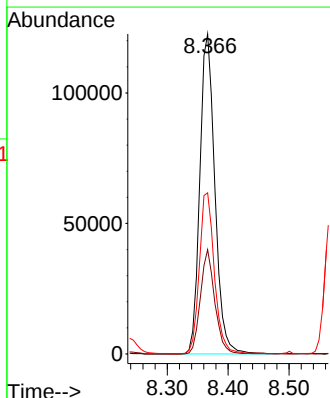
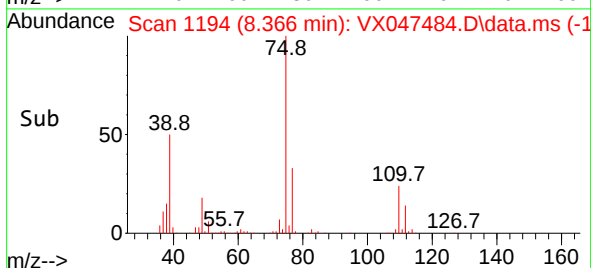
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

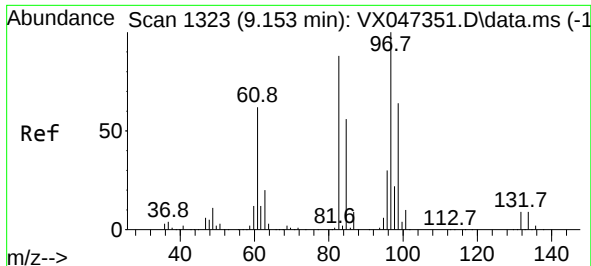


#54
cis-1,3-Dichloropropene
Concen: 52.024 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



Tgt Ion: 75 Resp: 210731
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 50.3 40.9 61.3





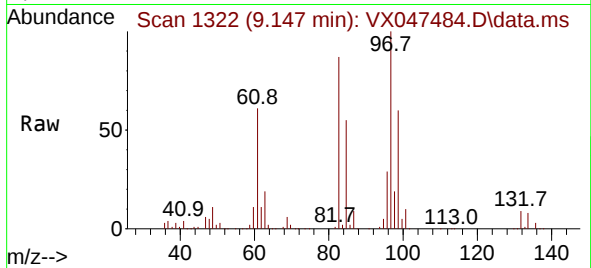
#55
1,1,2-Trichloroethane
Concen: 51.424 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



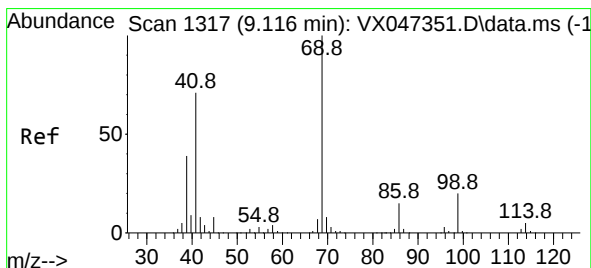
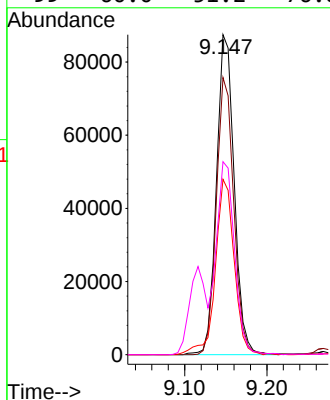
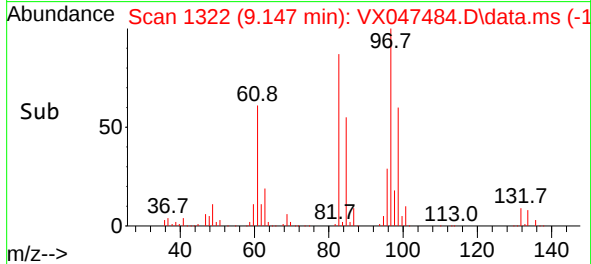
Tgt Ion: 97 Resp: 131207
Ion Ratio Lower Upper
97 100
83 86.6 70.6 106.0
85 54.8 44.7 67.1
99 60.0 51.2 76.8

Manual Integrations

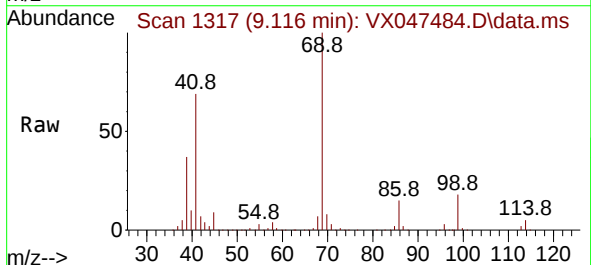
APPROVED

Reviewed By :John Carlone 08/25/2025

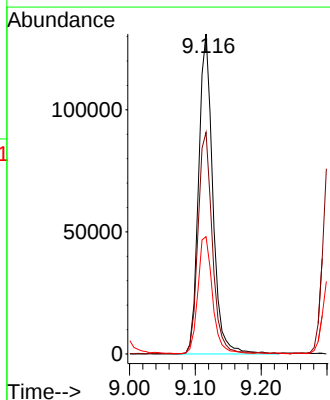
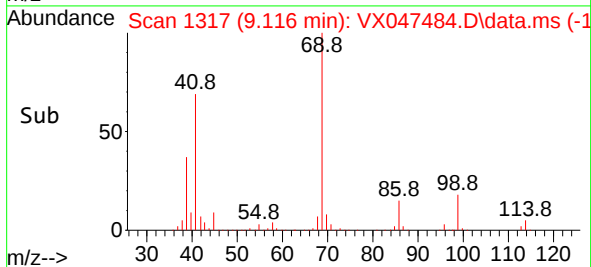
Supervised By :Semsettin Yesilyurt 08/25/2025

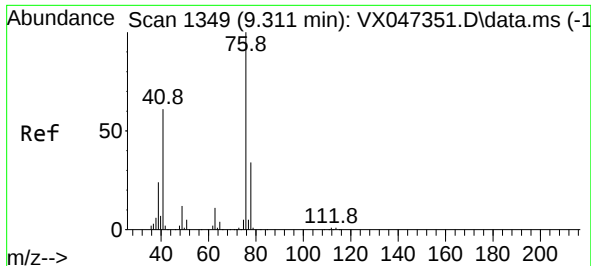


#56
Ethyl methacrylate
Concen: 52.290 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



Tgt Ion: 69 Resp: 196701
Ion Ratio Lower Upper
69 100
41 69.8 55.3 82.9
39 37.5 30.2 45.2





#57

1,3-Dichloropropane

Concen: 51.172 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 22248

Ion Ratio Lower Upper

76 100

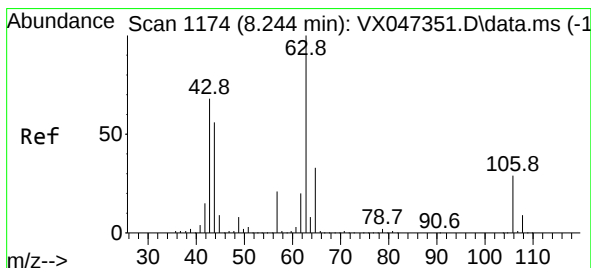
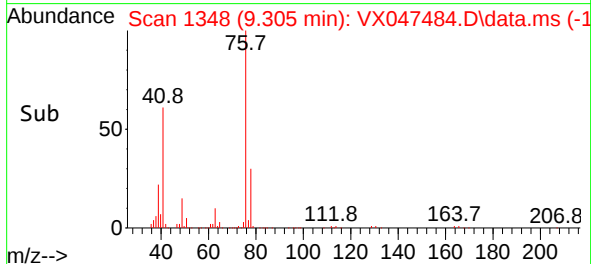
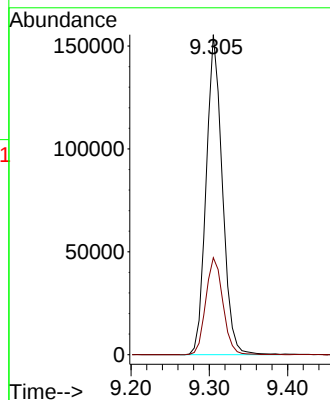
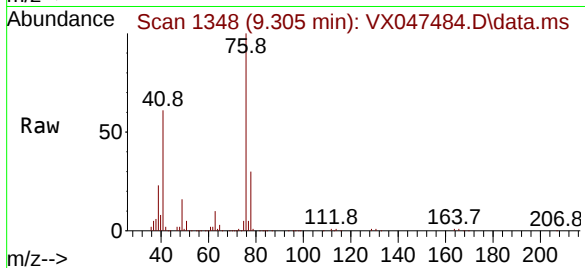
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 254.774 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047484.D

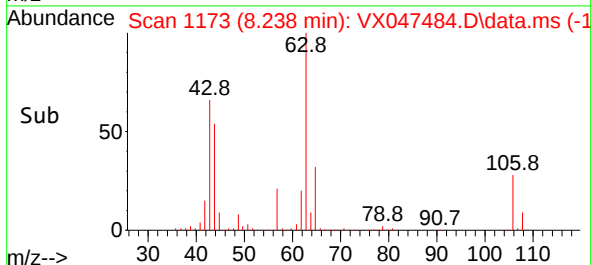
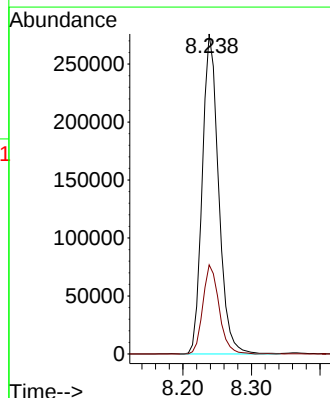
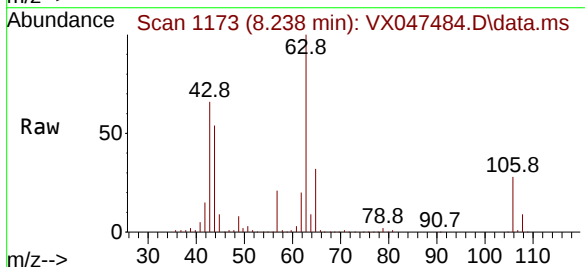
Acq: 22 Aug 2025 10:00

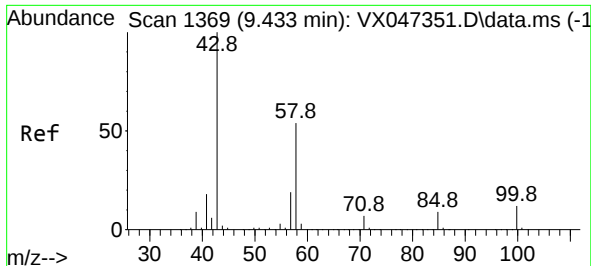
Tgt Ion: 63 Resp: 457939

Ion Ratio Lower Upper

63 100

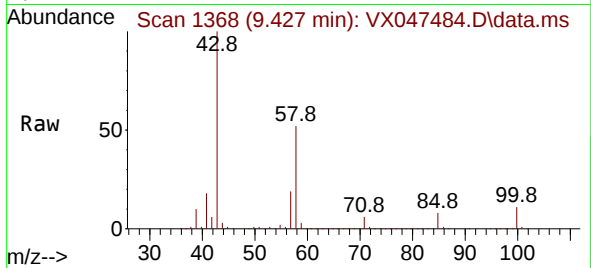
106 27.7 22.8 34.2





#59
2-Hexanone
Concen: 252.526 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

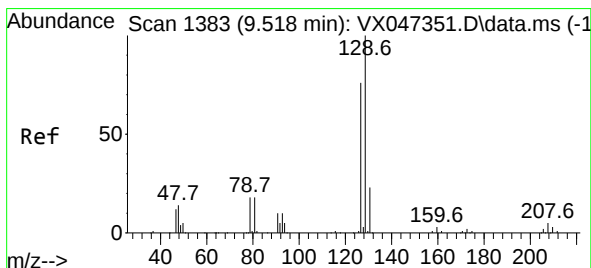
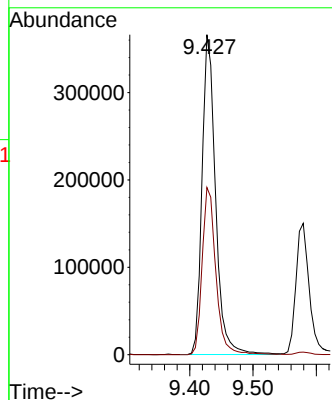
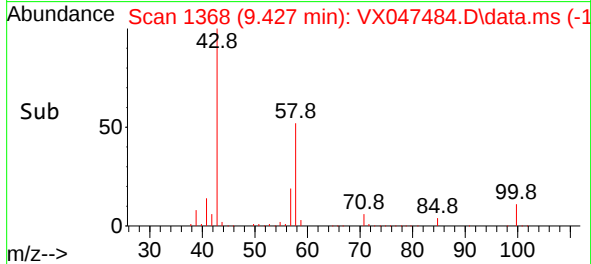
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 544688
Ion Ratio Lower Upper
43 100
58 53.2 26.9 80.7

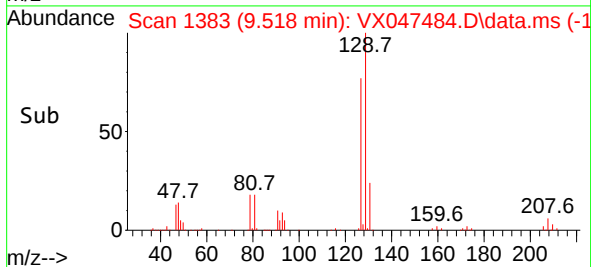
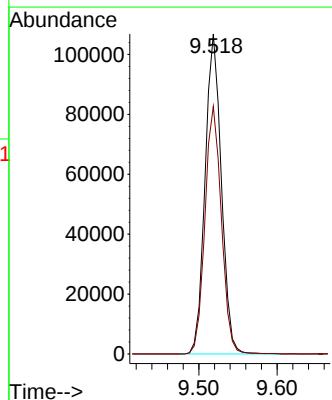
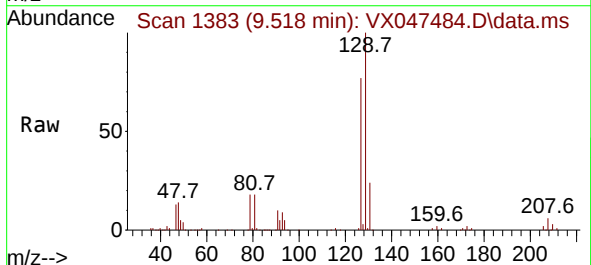
Manual Integrations
APPROVED

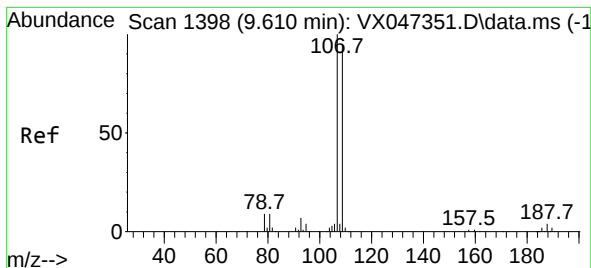
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#60
Dibromochloromethane
Concen: 50.654 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

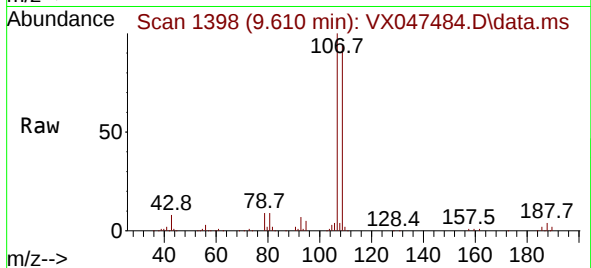
Tgt Ion:129 Resp: 153592
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 50.806 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

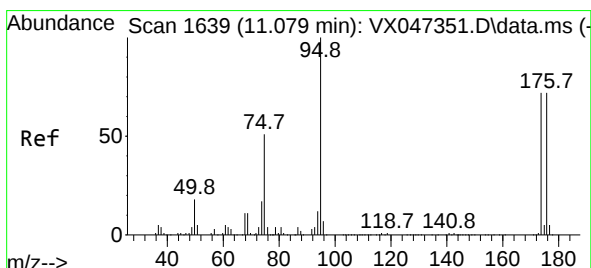
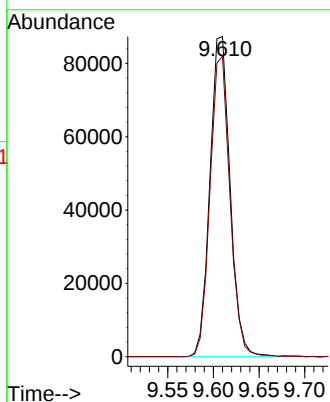
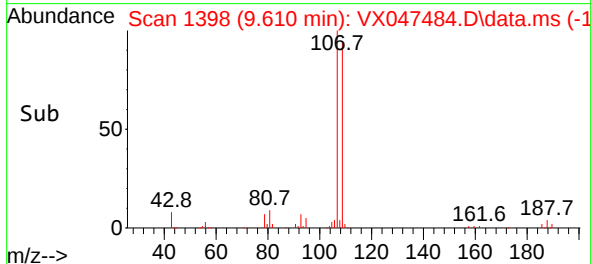
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



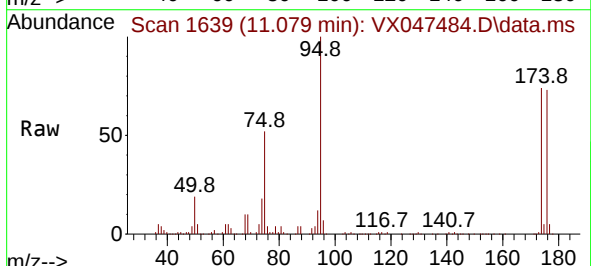
Tgt Ion:107 Resp: 133672
Ion Ratio Lower Upper
107 100
109 92.9 76.2 114.2

Manual Integrations
APPROVED

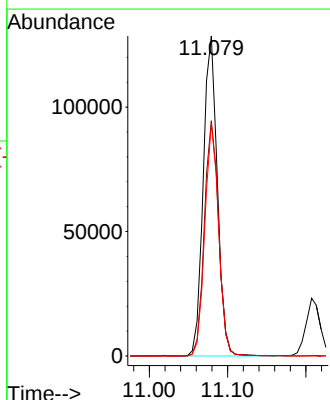
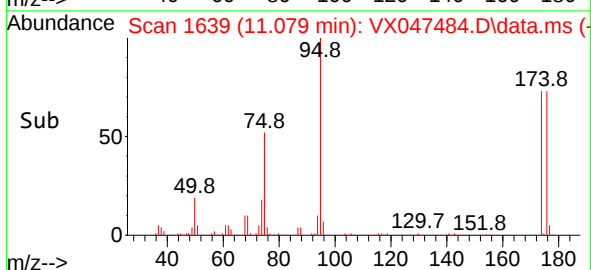
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

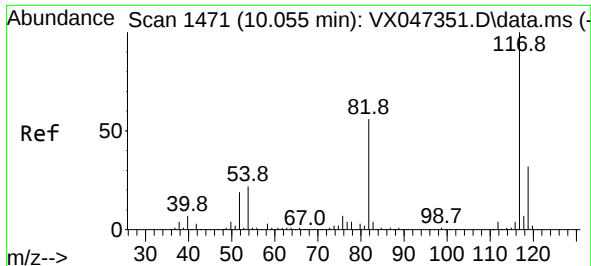


#62
4-Bromofluorobenzene
Concen: 52.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



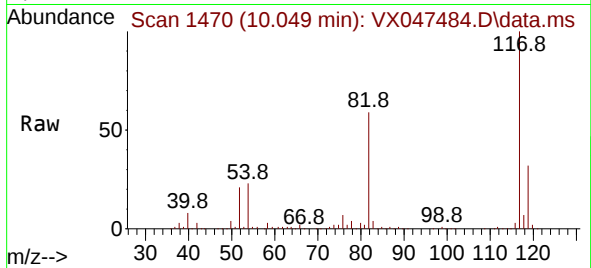
Tgt Ion: 95 Resp: 160561
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 70.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

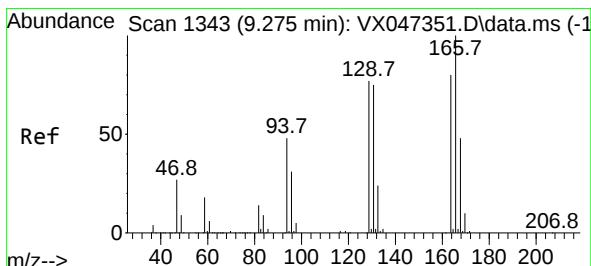
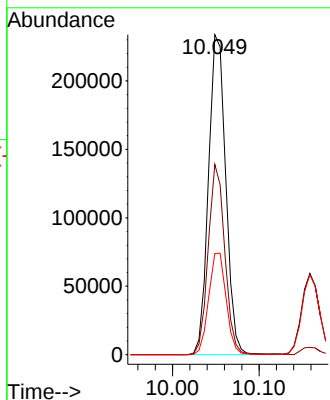
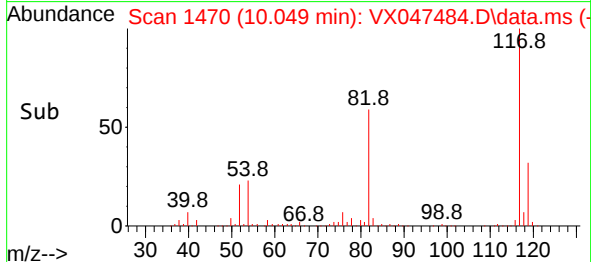
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 32410
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 31.6 25.8 38.8

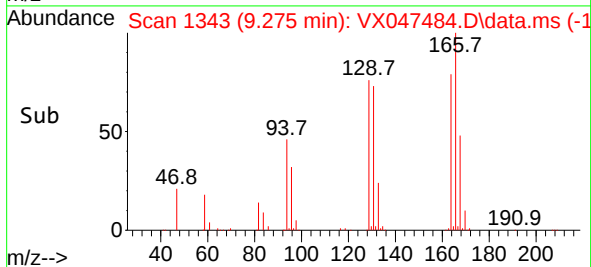
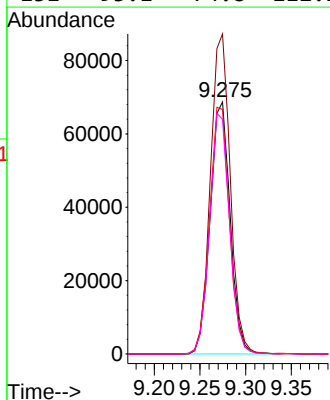
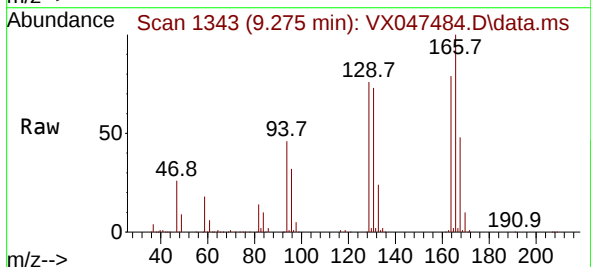
Manual Integrations
APPROVED

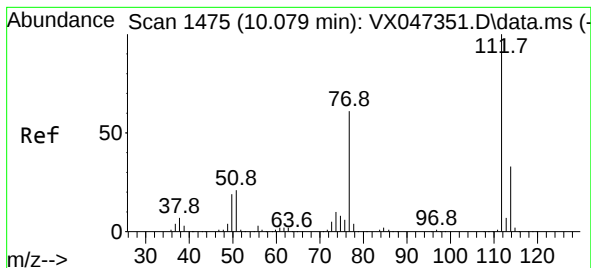
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#64
Tetrachloroethene
Concen: 44.338 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

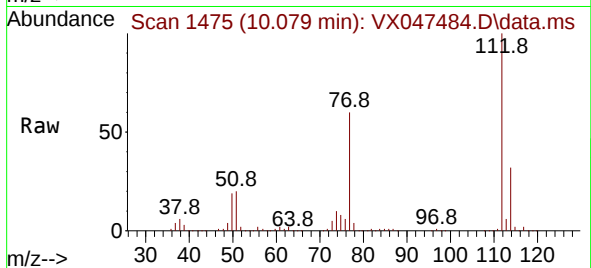
Tgt Ion:164 Resp: 103941
Ion Ratio Lower Upper
164 100
166 126.9 100.3 150.5
129 97.0 77.7 116.5
131 93.1 74.8 112.2





#65
Chlorobenzene
Concen: 47.055 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

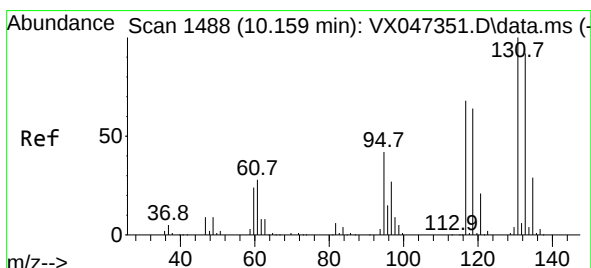
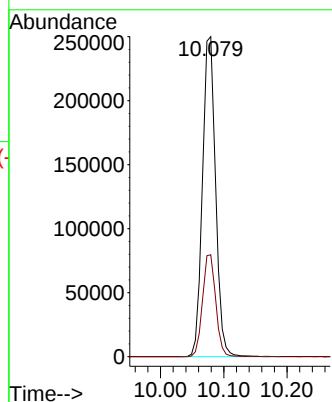
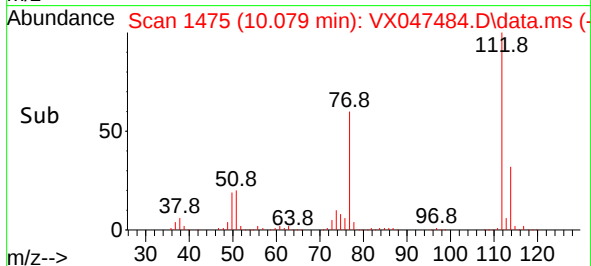
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 36241
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6

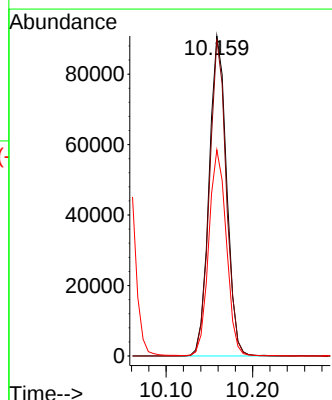
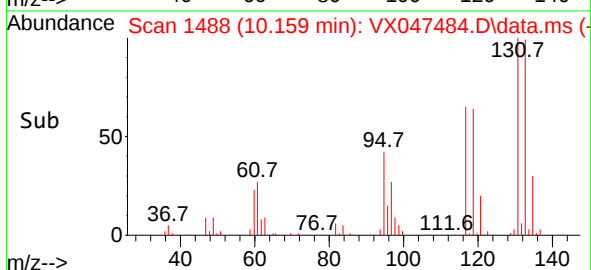
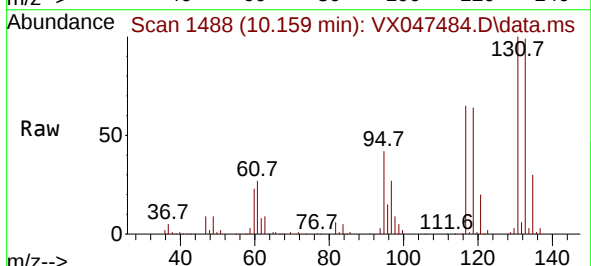
Manual Integrations
APPROVED

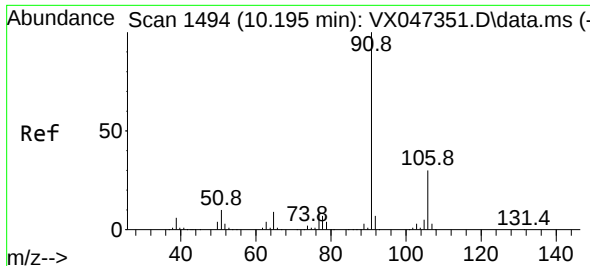
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.895 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

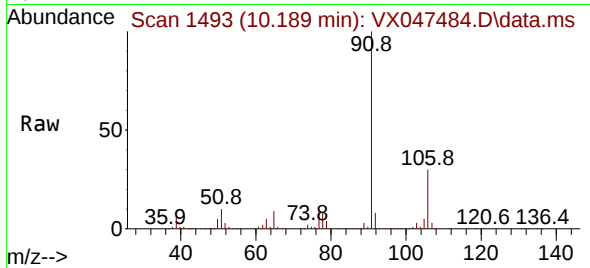
Tgt Ion:131 Resp: 127301
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.5 32.3 96.8





#67
Ethyl Benzene
Concen: 46.294 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

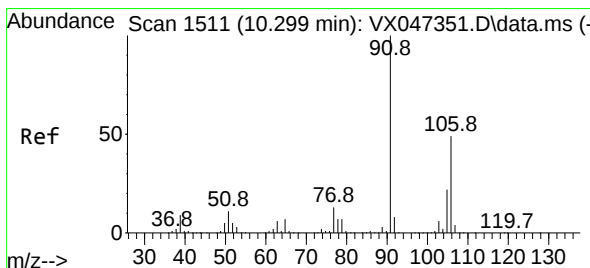
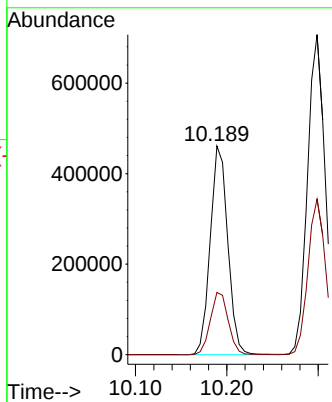
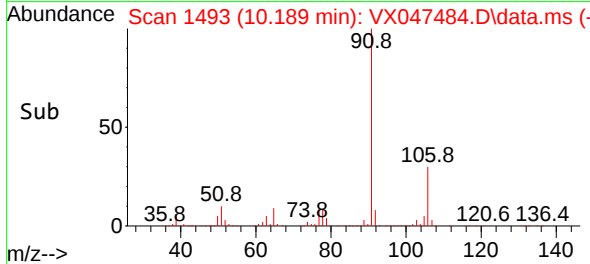
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 613672
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

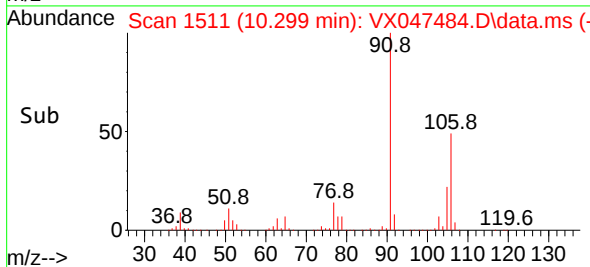
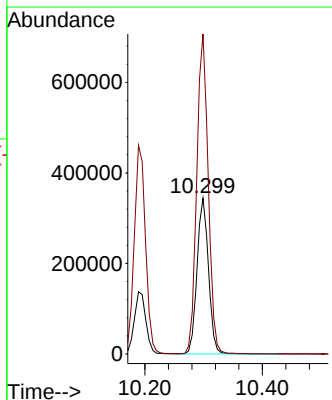
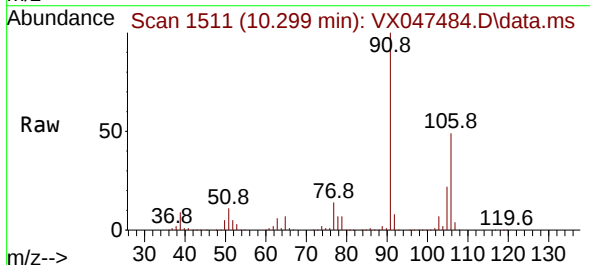
Manual Integrations
APPROVED

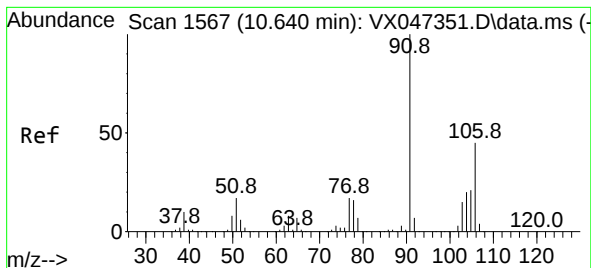
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#68
m/p-Xylenes
Concen: 94.196 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

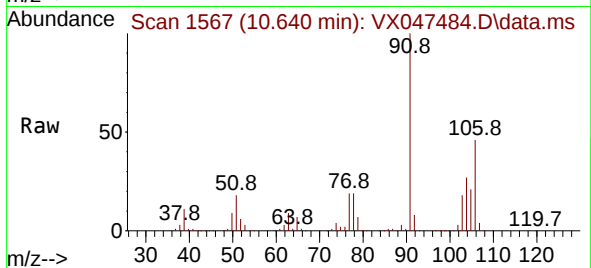
Tgt Ion:106 Resp: 465601
Ion Ratio Lower Upper
106 100
91 205.9 164.7 247.1





#69
o-Xylene
Concen: 47.274 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

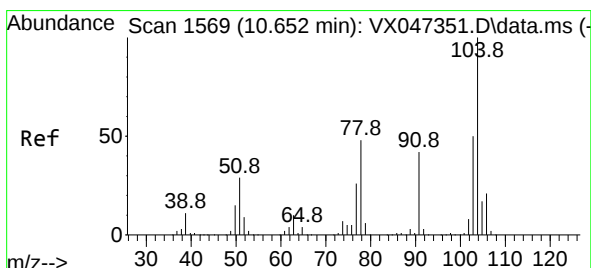
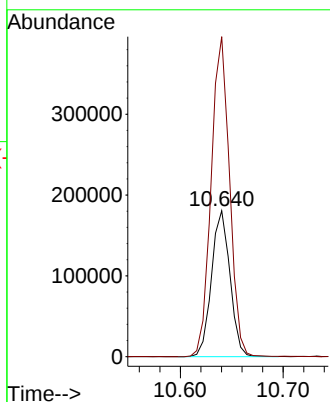
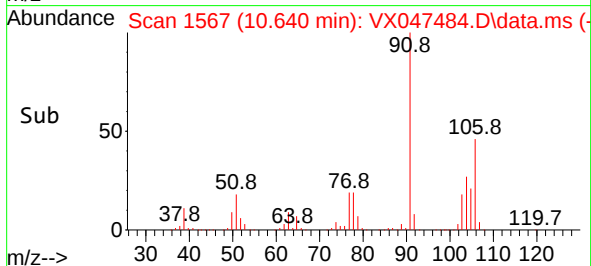
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 224870
Ion Ratio Lower Upper
106 100
91 218.8 110.6 331.8

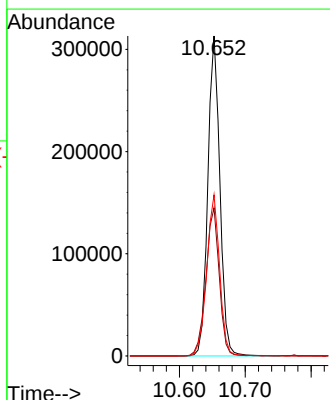
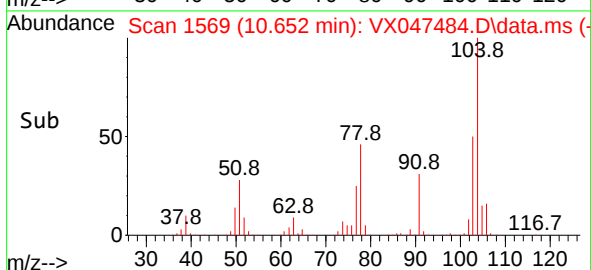
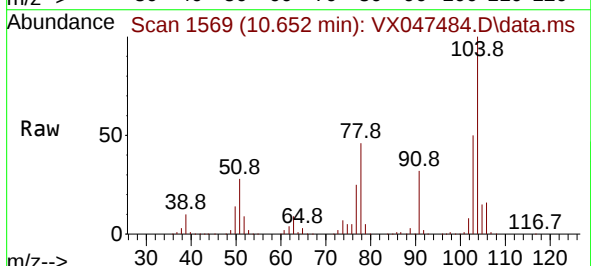
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 49.714 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion:104 Resp: 399566
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.8
103 54.1 43.6 65.4





#71

Bromoform

Concen: 50.704 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 99174

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.4

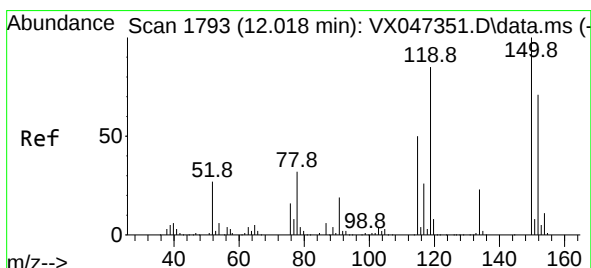
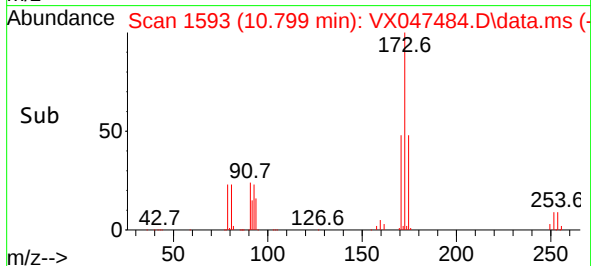
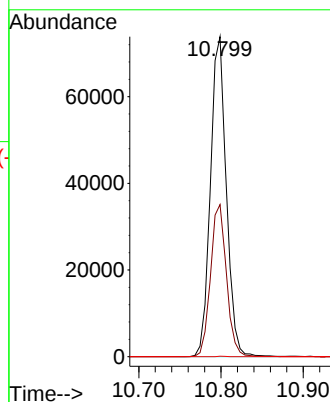
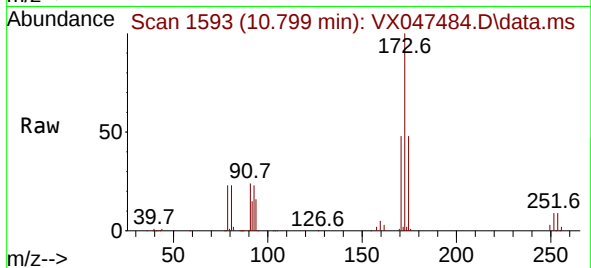
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

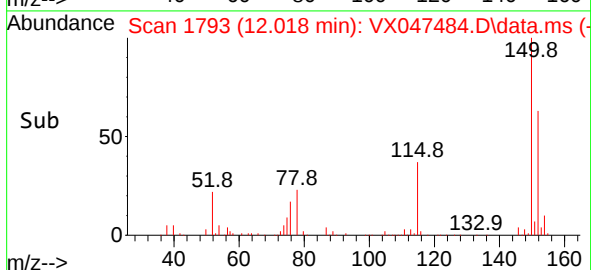
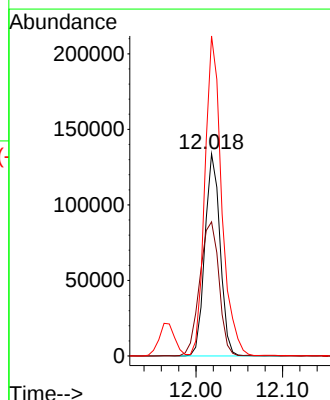
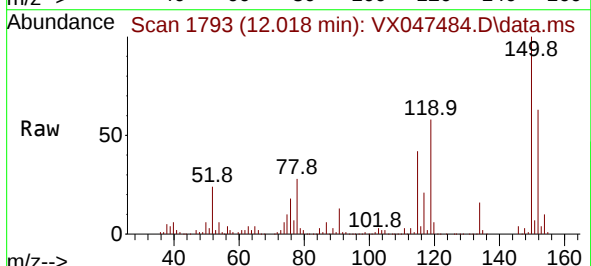
Tgt Ion:152 Resp: 162878

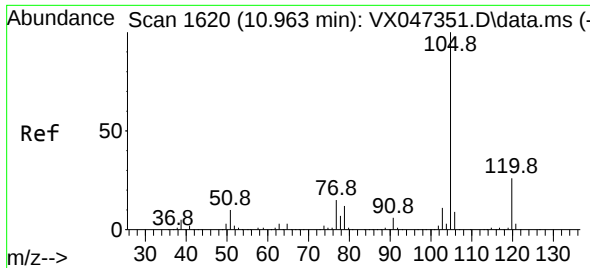
Ion Ratio Lower Upper

152 100

115 84.2 44.6 133.8

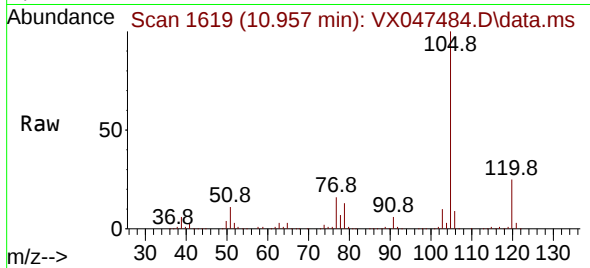
150 173.9 0.0 349.8





#73
Isopropylbenzene
Concen: 44.928 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

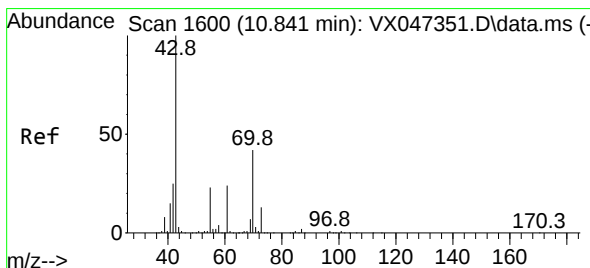
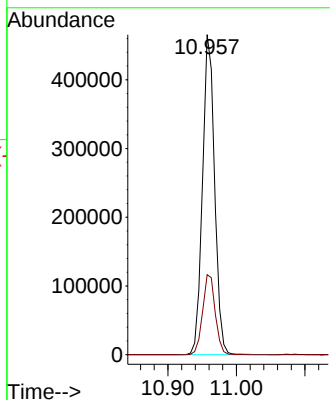
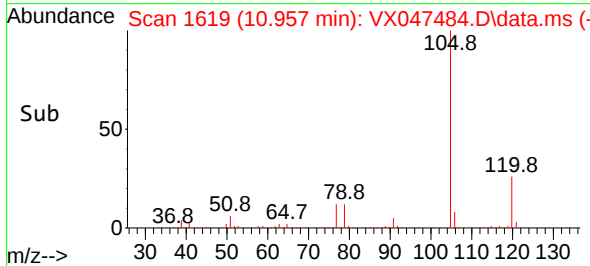
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 572650
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

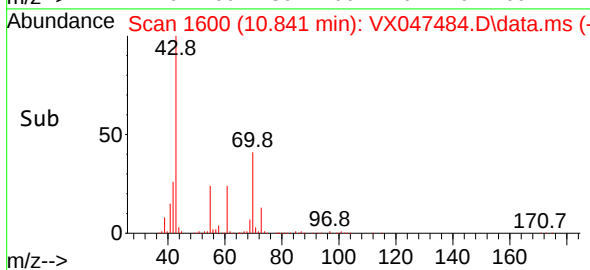
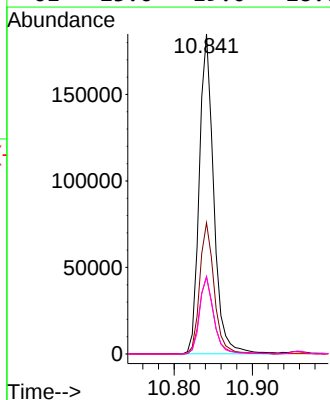
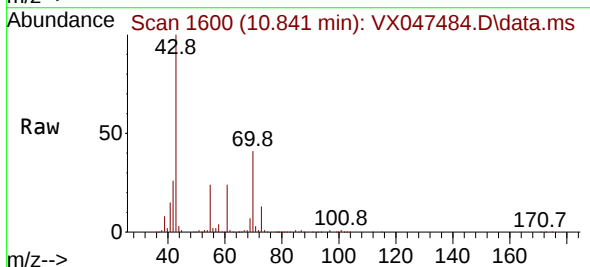
Manual Integrations
APPROVED

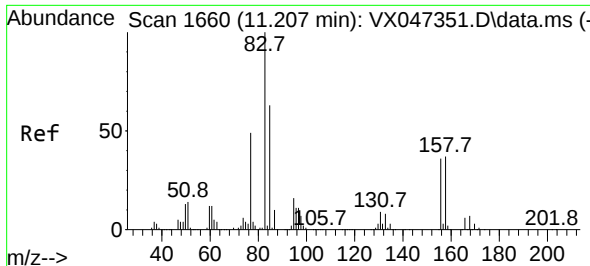
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#74
N-ethyl acetate
Concen: 48.909 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

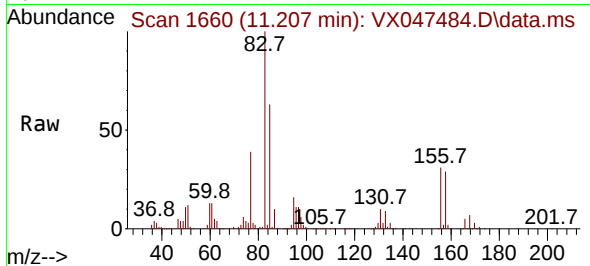
Tgt Ion: 43 Resp: 236728
Ion Ratio Lower Upper
43 100
70 41.2 33.1 49.7
55 24.2 19.0 28.6
61 23.6 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.691 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

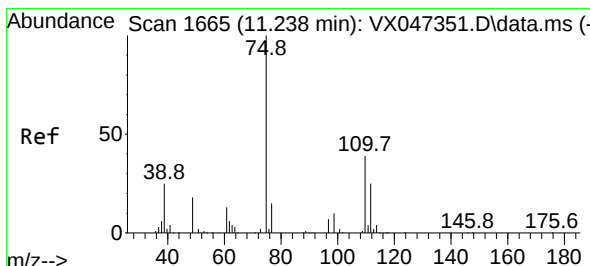
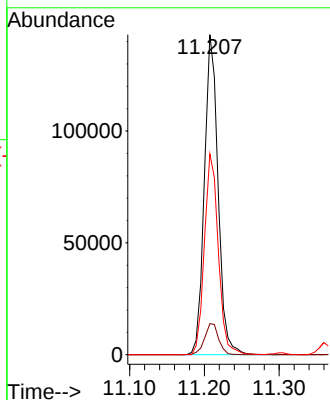
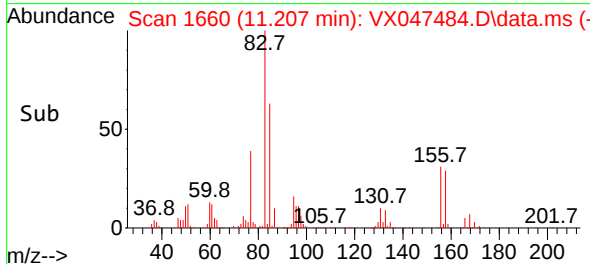
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18221
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.7 31.7 95.1

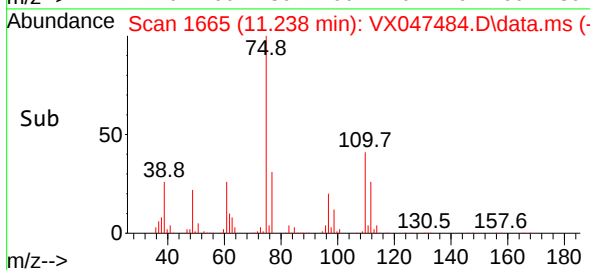
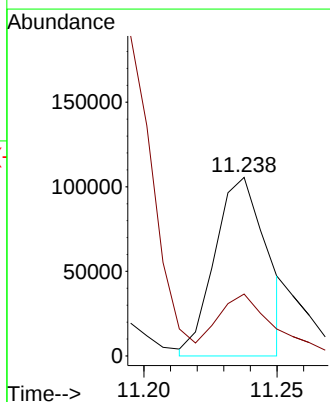
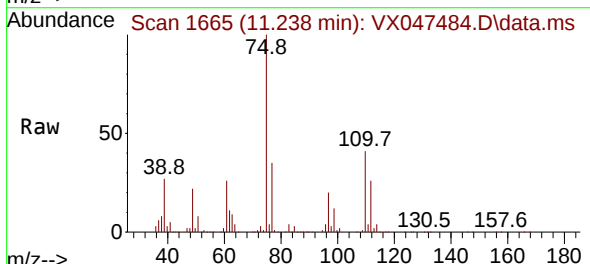
Manual Integrations
APPROVED

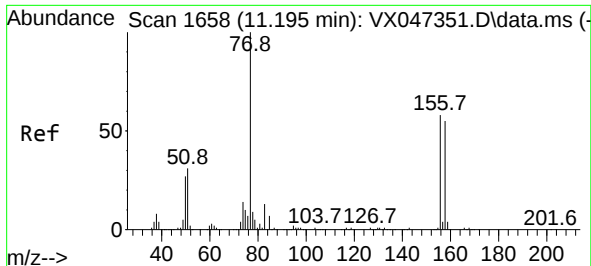
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#76
1,2,3-Trichloropropane
Concen: 47.760 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

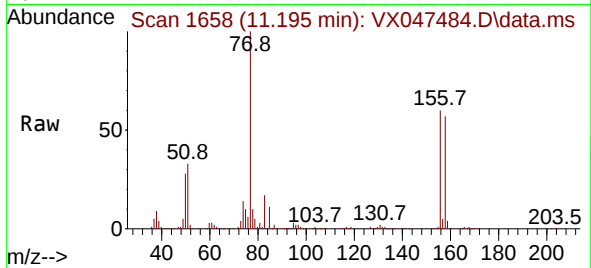
Tgt Ion: 75 Resp: 142676
Ion Ratio Lower Upper
75 100
77 38.6 19.4 58.2





#77
Bromobenzene
Concen: 47.082 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

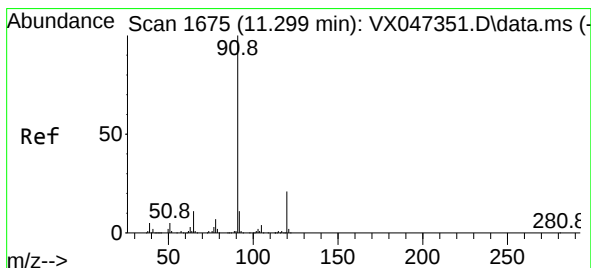
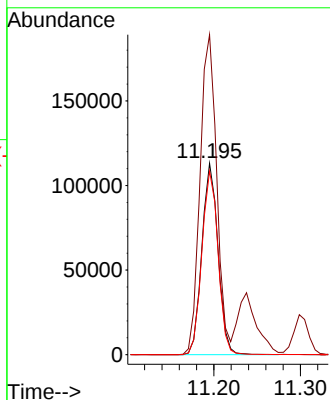
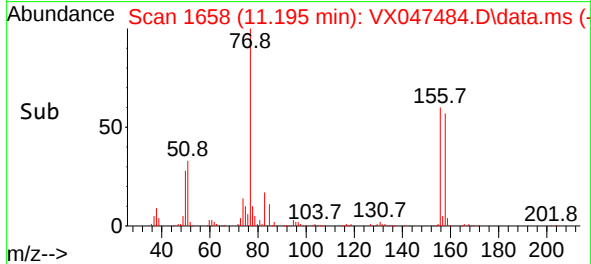
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 146540
Ion Ratio Lower Upper
156 100
77 172.8 86.3 258.9
158 96.5 48.0 144.2

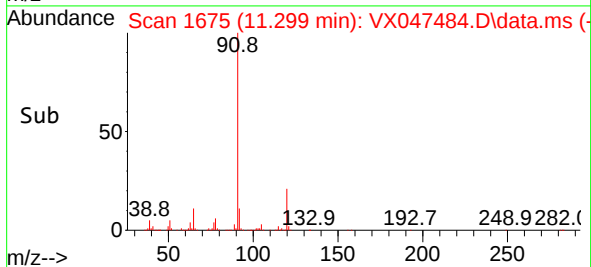
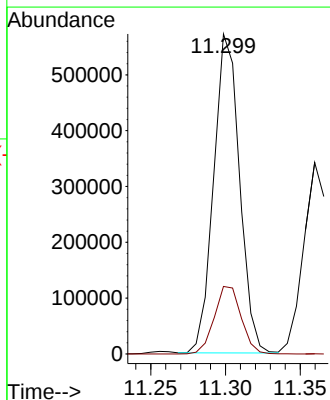
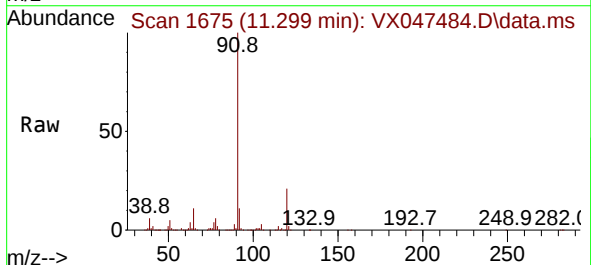
Manual Integrations
APPROVED

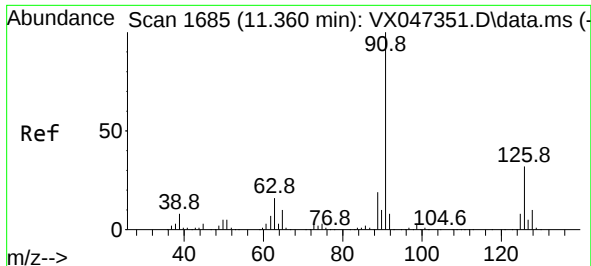
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#78
n-propylbenzene
Concen: 45.159 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

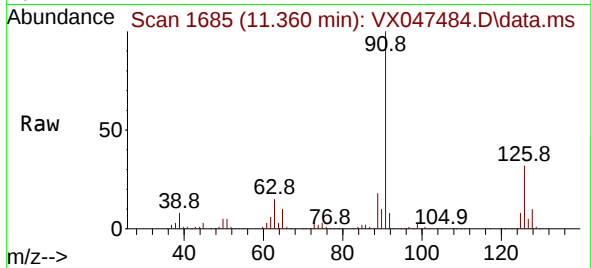
Tgt Ion: 91 Resp: 687439
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





#79
2-Chlorotoluene
Concen: 45.189 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

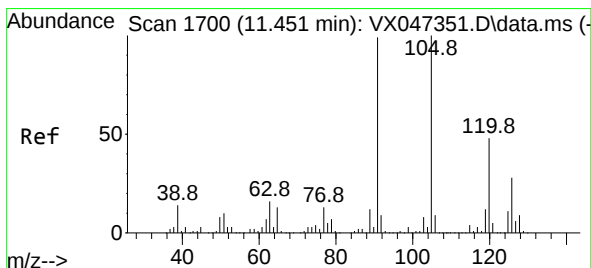
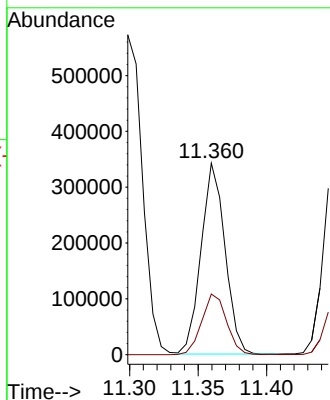
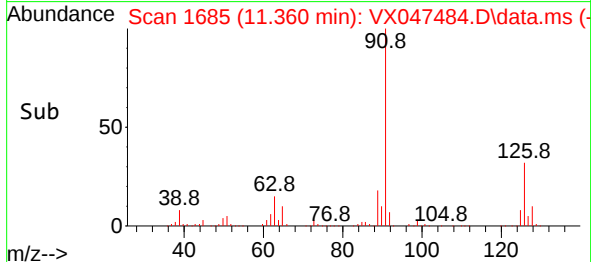
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 415839
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

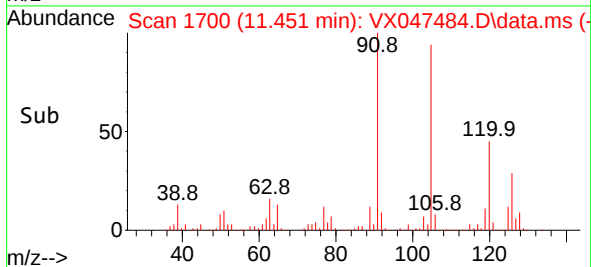
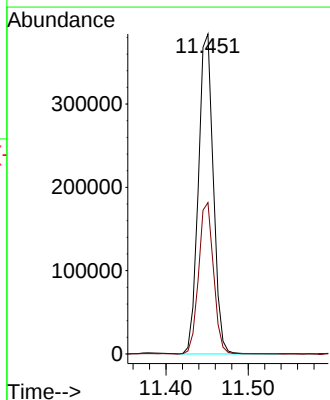
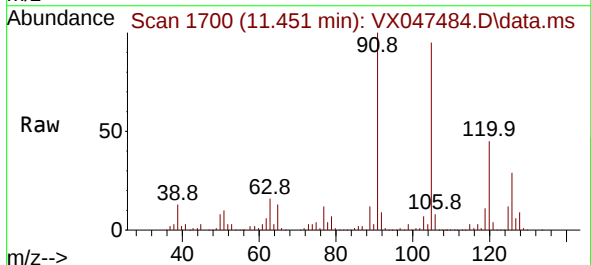
Manual Integrations
APPROVED

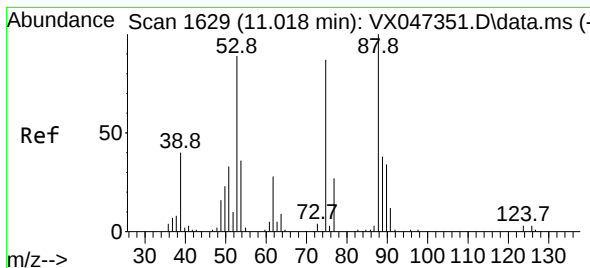
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.188 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

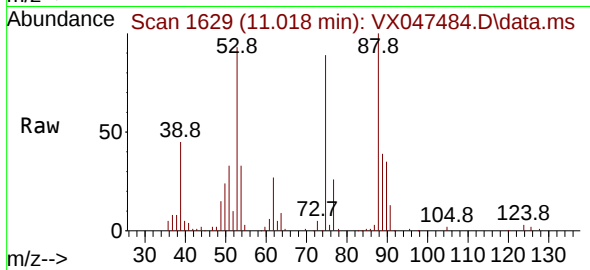
Tgt Ion:105 Resp: 484384
Ion Ratio Lower Upper
105 100
120 47.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 41.288 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

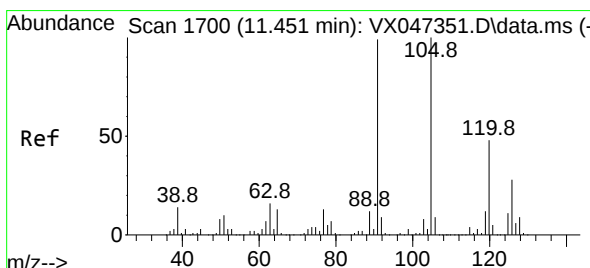
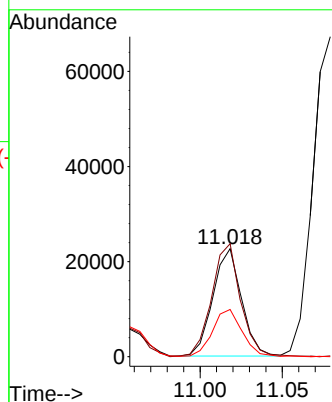
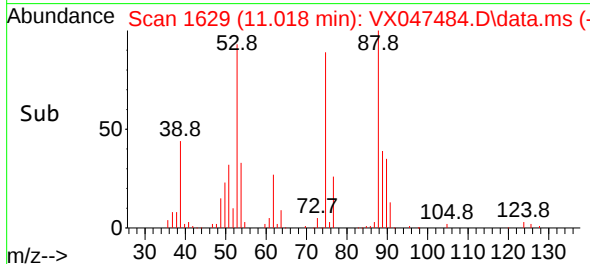
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 27258
Ion Ratio Lower Upper
75 100
53 107.0 85.2 127.8
89 46.2 36.7 55.1

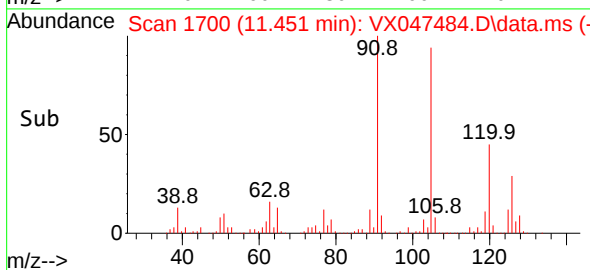
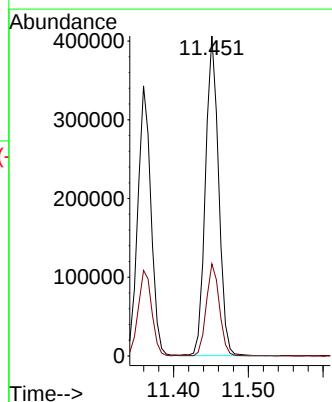
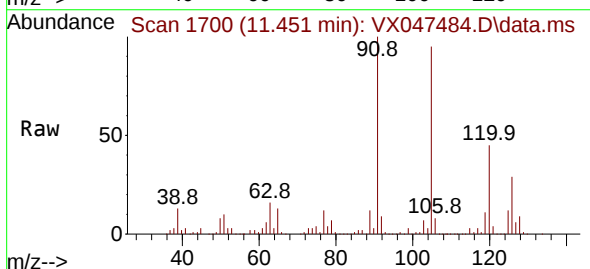
Manual Integrations
APPROVED

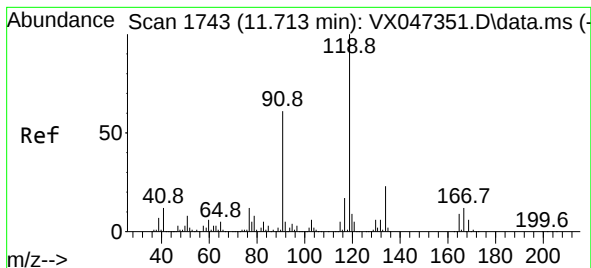
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#82
4-Chlorotoluene
Concen: 45.733 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

Tgt Ion: 91 Resp: 496085
Ion Ratio Lower Upper
91 100
126 28.7 14.4 43.0





#83

tert-Butylbenzene

Concen: 46.111 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 482449

Ion Ratio Lower Upper

119 100

91 57.5 29.1 87.4

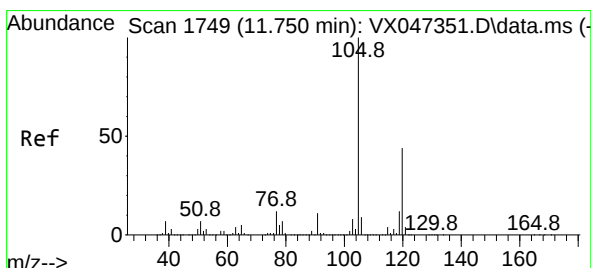
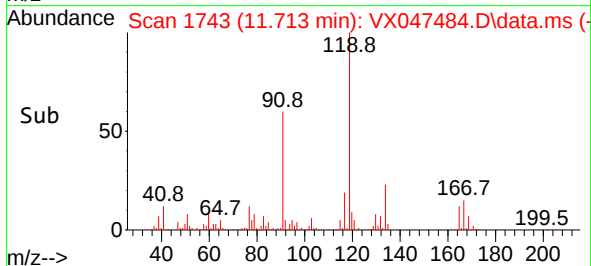
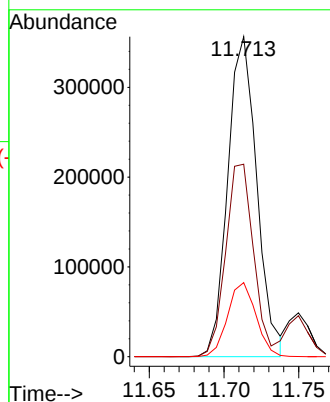
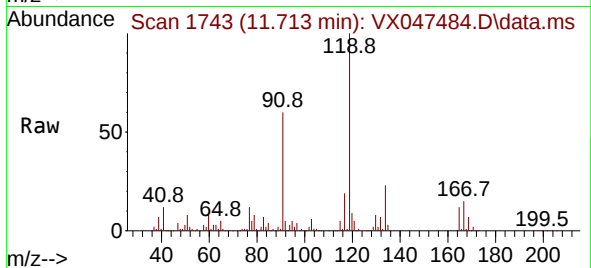
134 22.6 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#84

1,2,4-Trimethylbenzene

Concen: 46.621 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047484.D

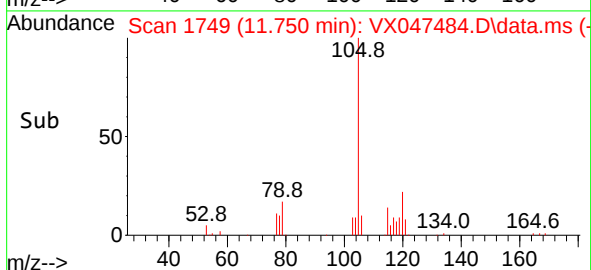
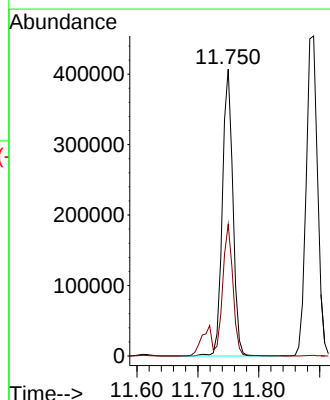
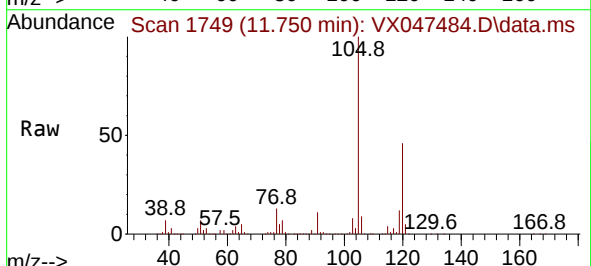
Acq: 22 Aug 2025 10:00

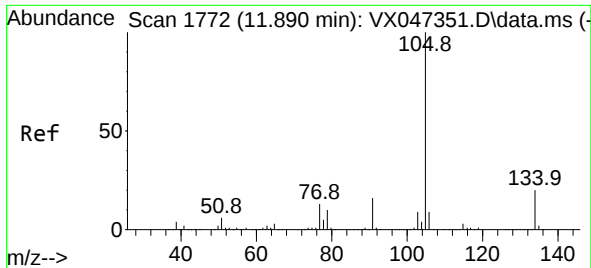
Tgt Ion:105 Resp: 488939

Ion Ratio Lower Upper

105 100

120 44.3 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 45.359 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

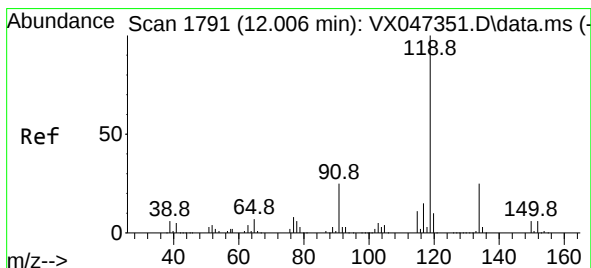
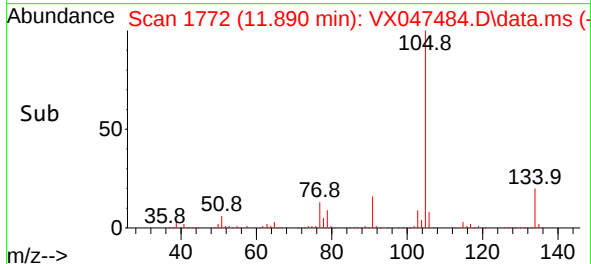
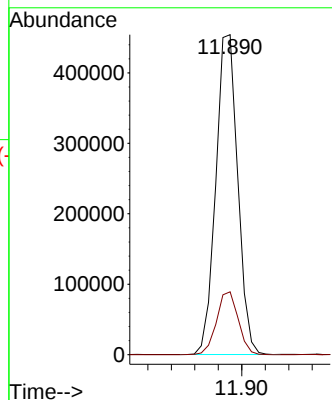
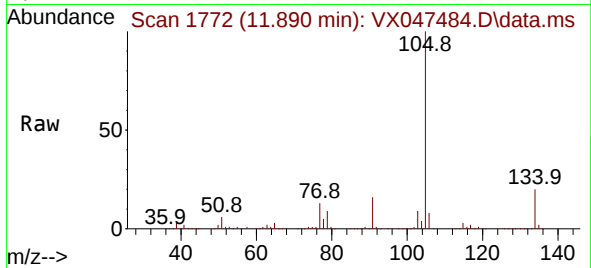
VSTDCCC050

Tgt Ion:105 Resp: 58822
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

Manual Integrations

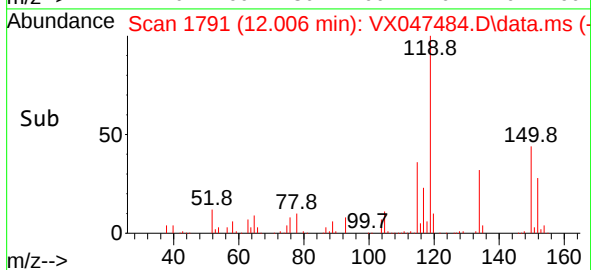
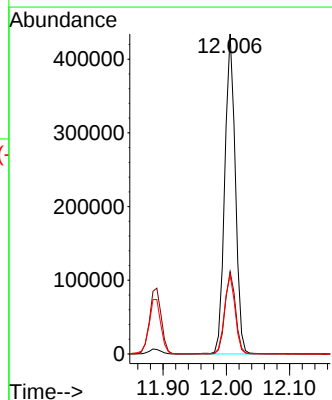
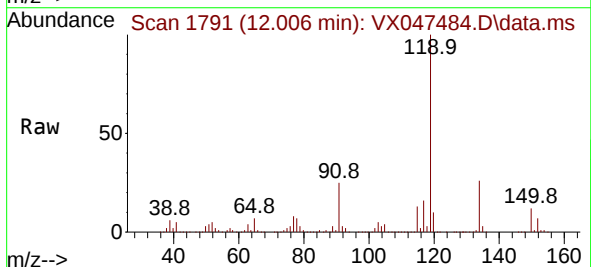
APPROVED

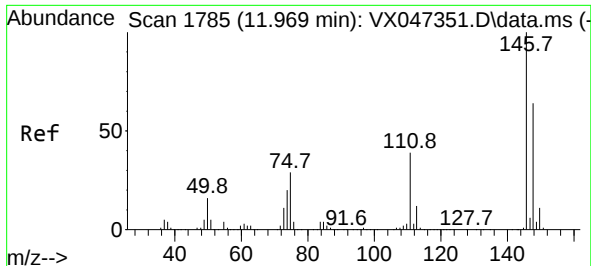
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#86
 p-Isopropyltoluene
 Concen: 45.540 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047484.D
 Acq: 22 Aug 2025 10:00

Tgt Ion:119 Resp: 499743
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.782 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 272218

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.8

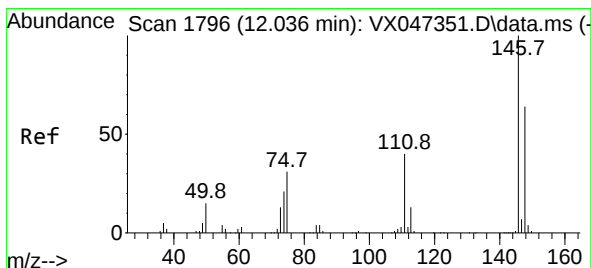
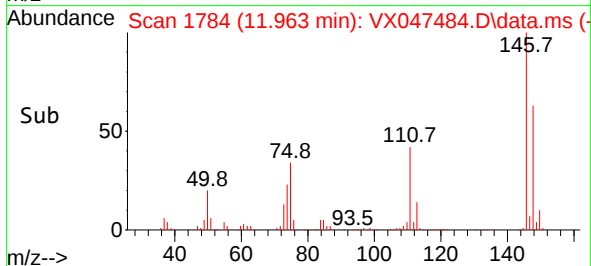
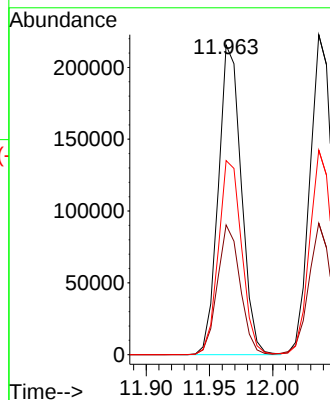
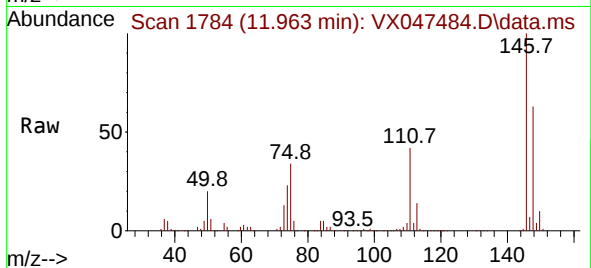
148 63.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#88

1,4-Dichlorobenzene

Concen: 44.794 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047484.D

Acq: 22 Aug 2025 10:00

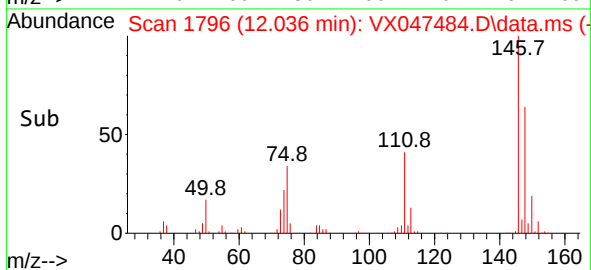
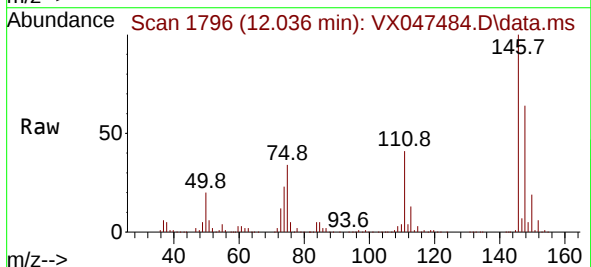
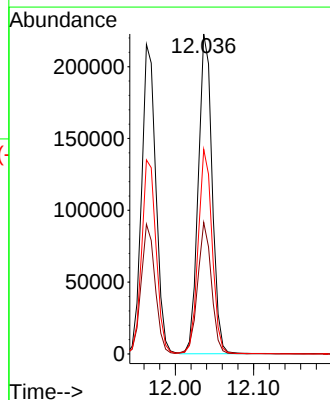
Tgt Ion:146 Resp: 273935

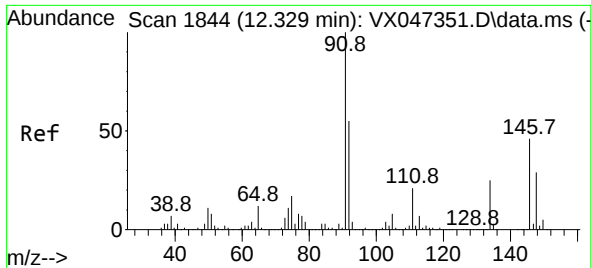
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

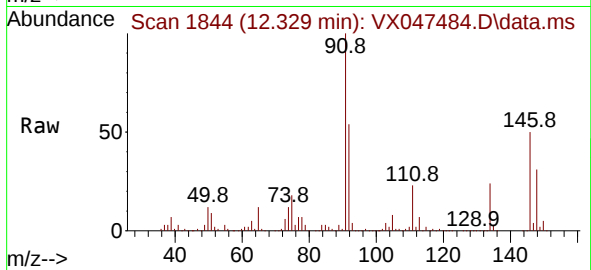
148 64.5 31.7 95.1





#89
n-Butylbenzene
Concen: 46.193 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

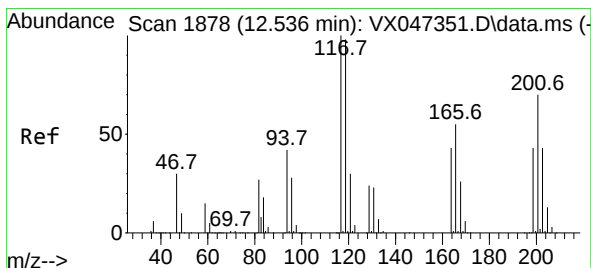
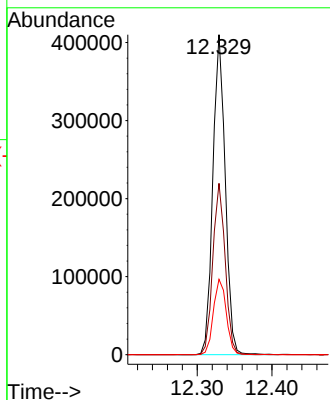
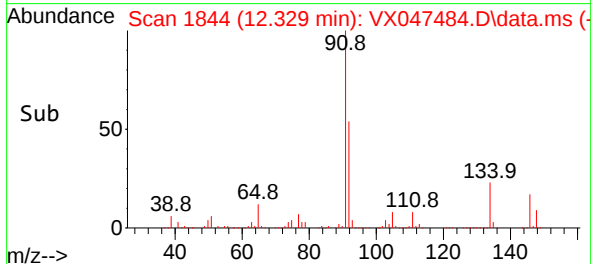
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 47149
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.5
134 24.6 12.6 37.8

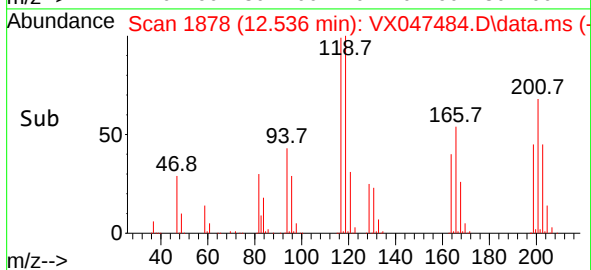
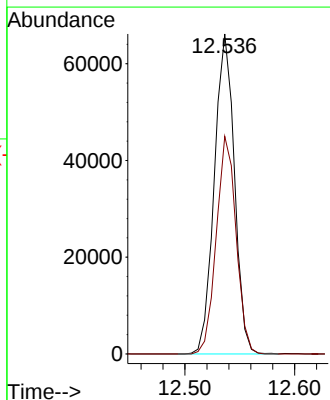
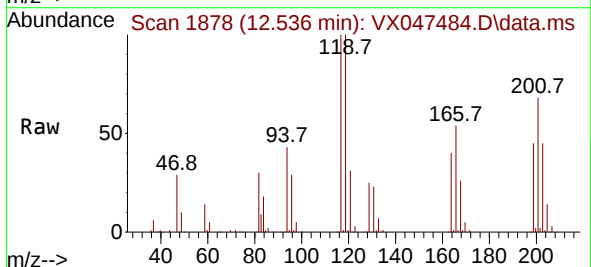
Manual Integrations
APPROVED

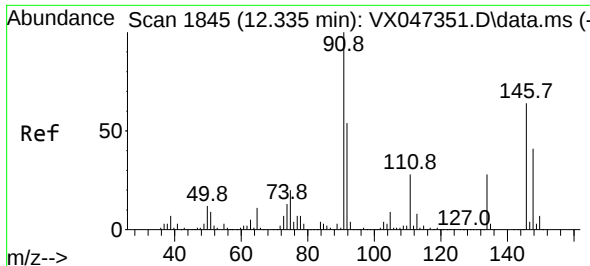
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#90
Hexachloroethane
Concen: 43.750 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

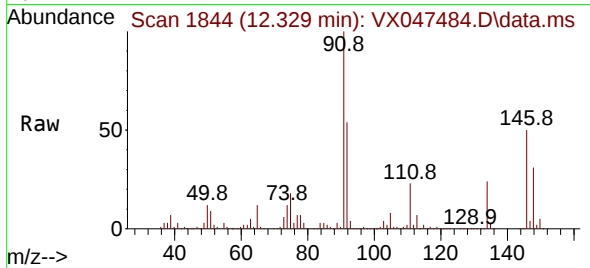
Tgt Ion:117 Resp: 84225
Ion Ratio Lower Upper
117 100
201 67.1 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 46.538 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

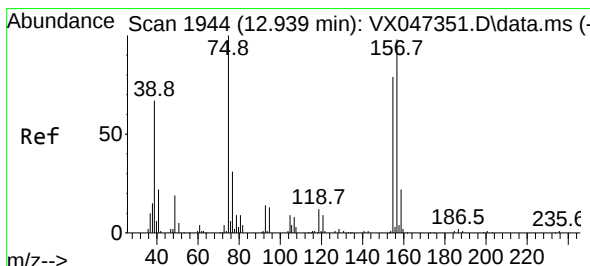
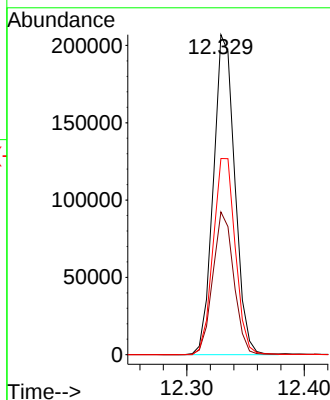
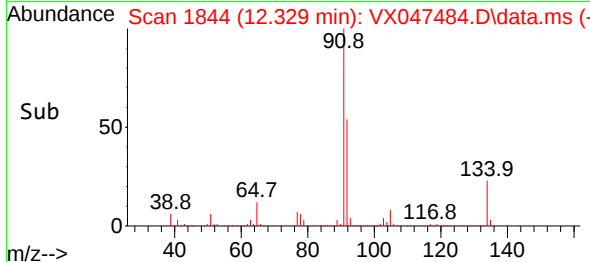
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 26265
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 63.4 31.9 95.5

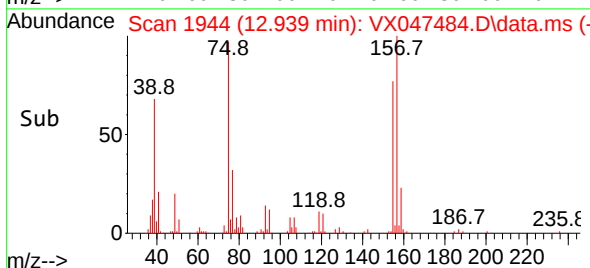
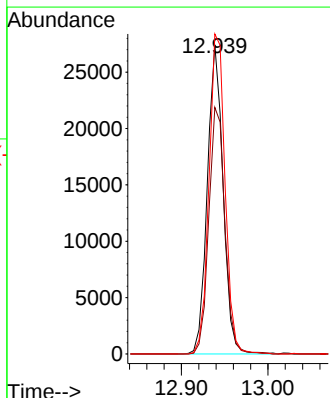
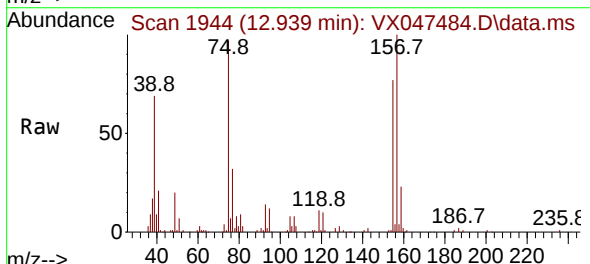
Manual Integrations
APPROVED

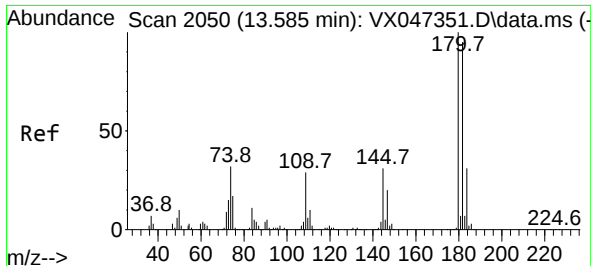
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.970 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

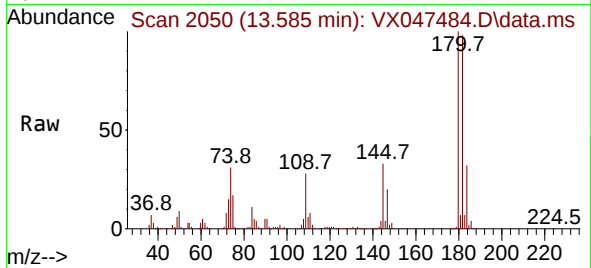
Tgt Ion: 75 Resp: 34717
Ion Ratio Lower Upper
75 100
155 81.5 41.3 123.7
157 105.5 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 46.875 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

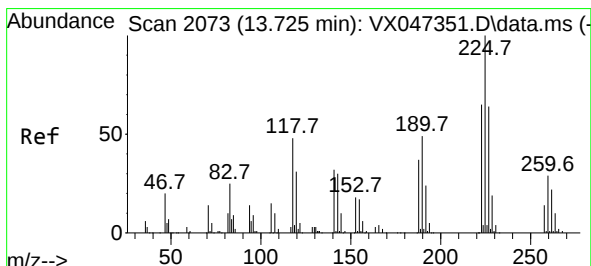
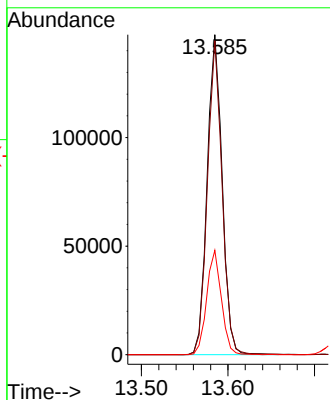
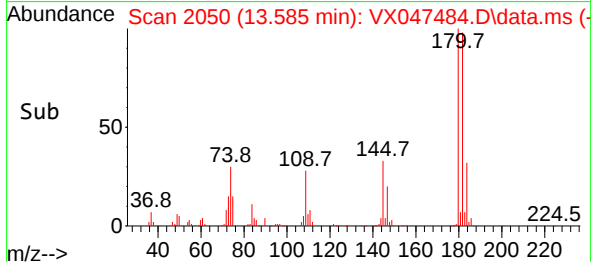
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



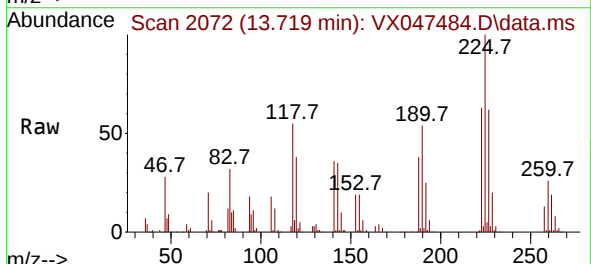
Tgt Ion:180 Resp: 177352
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.4
145 32.0 16.2 48.5

Manual Integrations
APPROVED

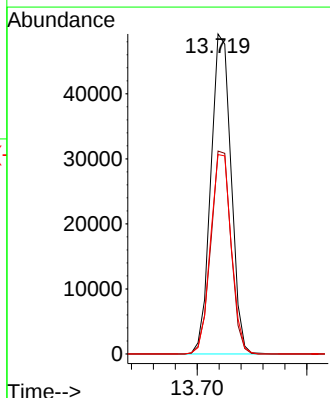
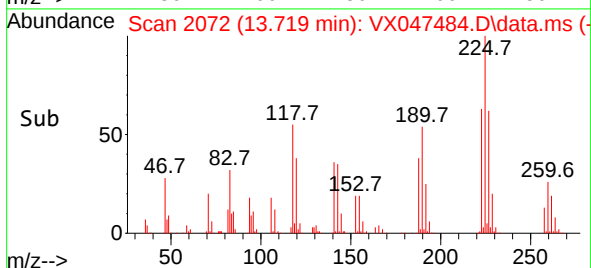
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

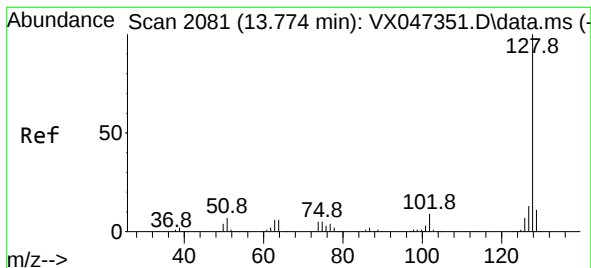


#94
Hexachlorobutadiene
Concen: 46.878 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



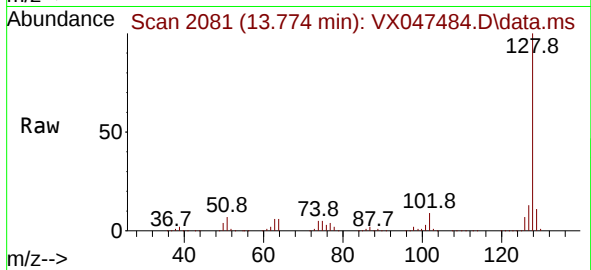
Tgt Ion:225 Resp: 63133
Ion Ratio Lower Upper
225 100
223 62.9 32.2 96.6
227 63.9 31.6 95.0





#95
Naphthalene
Concen: 49.933 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00

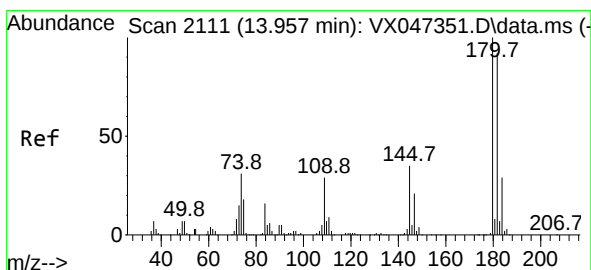
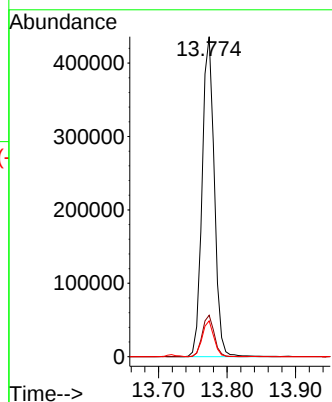
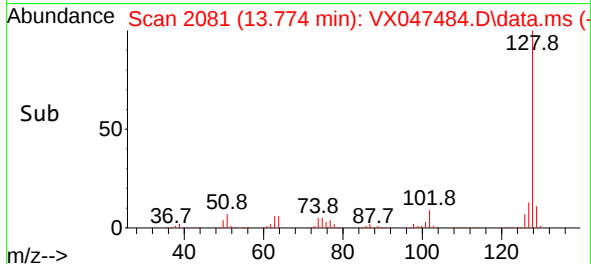
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



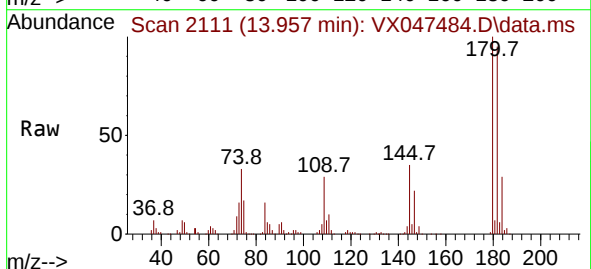
Tgt Ion:128 Resp: 539890
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.511 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047484.D
Acq: 22 Aug 2025 10:00



Tgt Ion:180 Resp: 169441
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 35.1 17.4 52.2

