

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040493.D
 Acq On : 27 Feb 2024 16:36
 Operator : JC/MD
 Sample : P1578-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MSD

Quant Time: Feb 28 02:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59760	43.930	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.860%		
35) Dibromofluoromethane	5.385	113	42539	44.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.240%		
50) Toluene-d8	8.647	98	151752	43.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.700%#		
62) 4-Bromofluorobenzene	11.079	95	61481	46.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47571	46.999	ug/l	99
3) Chloromethane	1.301	50	46195	46.013	ug/l	98
4) Vinyl Chloride	1.374	62	50121	46.167	ug/l	98
5) Bromomethane	1.599	94	28223	46.779	ug/l	97
6) Chloroethane	1.678	64	31503	45.852	ug/l	99
7) Trichlorofluoromethane	1.880	101	84617	49.349	ug/l	99
8) Diethyl Ether	2.136	74	29819	49.753	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	42035	45.543	ug/l	99
10) Methyl Iodide	2.447	142	46595	48.729	ug/l	97
11) Tert butyl alcohol	2.965	59	62710	274.225	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	41417	44.695	ug/l	96
13) Acrolein	2.233	56	63334	431.982	ug/l	99
14) Allyl chloride	2.660	41	76631	47.269	ug/l	93
15) Acrylonitrile	3.062	53	139627	243.412	ug/l	97
16) Acetone	2.380	43	127946	288.407	ug/l	98
17) Carbon Disulfide	2.508	76	109907	42.831	ug/l	98
18) Methyl Acetate	2.703	43	66286	48.466	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	155182	49.097	ug/l	98
20) Methylene Chloride	2.788	84	48578	45.758	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	45588	46.130	ug/l	97
22) Diisopropyl ether	3.763	45	153540	47.130	ug/l	94
23) Vinyl Acetate	3.721	43	696648	233.441	ug/l	99
24) 1,1-Dichloroethane	3.605	63	94099	49.532	ug/l	98
25) 2-Butanone	4.556	43	204173	264.152	ug/l	99
26) 2,2-Dichloropropane	4.477	77	62078	41.041	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	53323	46.122	ug/l	100
28) Bromochloromethane	4.904	49	35316	44.440	ug/l	97
29) Tetrahydrofuran	5.007	42	137925	255.789	ug/l	99
30) Chloroform	5.093	83	98560	48.877	ug/l	100
31) Cyclohexane	5.464	56	69680	45.212	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	83682	48.621	ug/l	98
36) 1,1-Dichloropropene	5.696	75	68187	46.425	ug/l	99
37) Ethyl Acetate	4.715	43	76092	47.338	ug/l	99
38) Carbon Tetrachloride	5.684	117	69505	48.986	ug/l	97
39) Methylcyclohexane	7.379	83	73008	46.041	ug/l	99
40) Benzene	6.037	78	187275	47.095	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44653	49.733	ug/l	96
42) 1,2-Dichloroethane	6.086	62	83078	50.478	ug/l	97
43) Isopropyl Acetate	6.342	43	122801	48.688	ug/l	98
44) Trichloroethene	7.123	130	49811	46.577	ug/l	95
45) 1,2-Dichloropropane	7.434	63	50145	47.119	ug/l	95
46) Dibromomethane	7.580	93	38272	48.915	ug/l	99
47) Bromodichloromethane	7.824	83	75996	49.331	ug/l	99
48) Methyl methacrylate	7.696	41	64855	51.446	ug/l	92
49) 1,4-Dioxane	7.659	88	27528	1154.337	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	435413	261.105	ug/l	98
52) Toluene	8.720	92	119878	49.122	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	75188	48.092	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78914	46.959	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	50260	49.626	ug/l	93
56) Ethyl methacrylate	9.116	69	81388	51.976	ug/l	95
57) 1,3-Dichloropropane	9.311	76	87491	49.598	ug/l	99
59) 2-Hexanone	9.427	43	344819	268.948	ug/l	97
60) Dibromochloromethane	9.525	129	54492	49.537	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55506	50.225	ug/l	99
64) Tetrachloroethene	9.275	164	42014	46.175	ug/l	98
65) Chlorobenzene	10.079	112	129514	46.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48236	49.651	ug/l	99
67) Ethyl Benzene	10.195	91	243491	48.252	ug/l	97
68) m/p-Xylenes	10.299	106	180333	95.699	ug/l	94
69) o-Xylene	10.640	106	87610	48.611	ug/l	93
70) Styrene	10.652	104	146908	48.897	ug/l	96
71) Bromoform	10.799	173	40666	51.136	ug/l #	99
73) Isopropylbenzene	10.963	105	236563	48.117	ug/l	100
74) N-amyl acetate	10.841	43	109562	47.983	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	85965	48.350	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71204m	48.464	ug/l	
77) Bromobenzene	11.201	156	56016	48.187	ug/l	98
78) n-propylbenzene	11.305	91	291298	47.768	ug/l	97
79) 2-Chlorotoluene	11.366	91	169074	46.056	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	202235	48.368	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21405	44.426	ug/l	96
82) 4-Chlorotoluene	11.457	91	201475	47.460	ug/l	100
83) tert-Butylbenzene	11.713	119	196833	49.933	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	202061	48.708	ug/l	100
85) sec-Butylbenzene	11.890	105	250576	48.387	ug/l	99
86) p-Isopropyltoluene	12.012	119	205365	48.111	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	106004	45.748	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	109334	46.351	ug/l	99
89) n-Butylbenzene	12.335	91	196894	46.884	ug/l	96
90) Hexachloroethane	12.536	117	34796	48.978	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	103649	46.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22274	53.737	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	68906	47.816	ug/l	96
94) Hexachlorobutadiene	13.725	225	27452	46.611	ug/l	97
95) Naphthalene	13.774	128	232875	50.569	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67786	49.484	ug/l	97

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

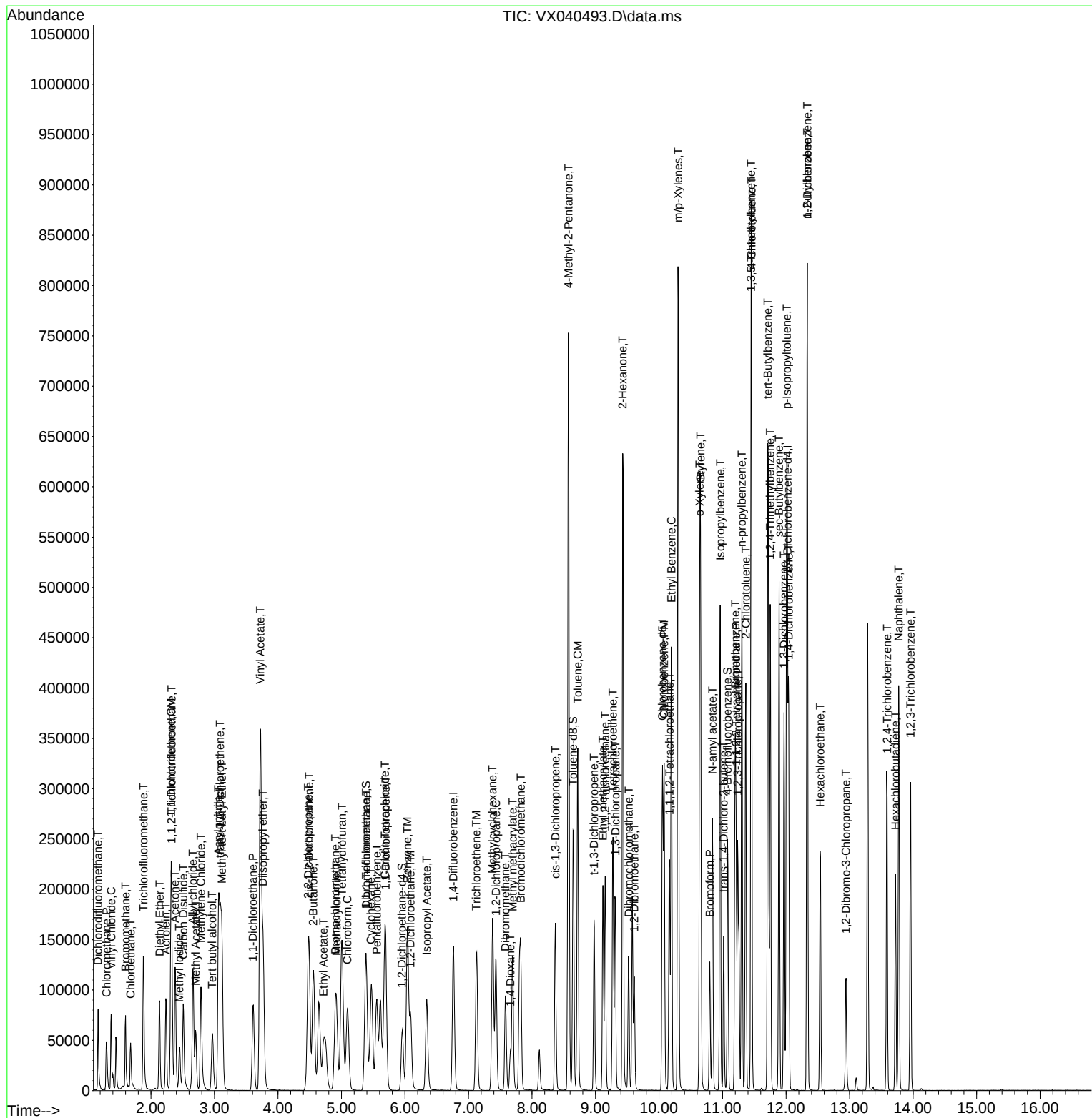
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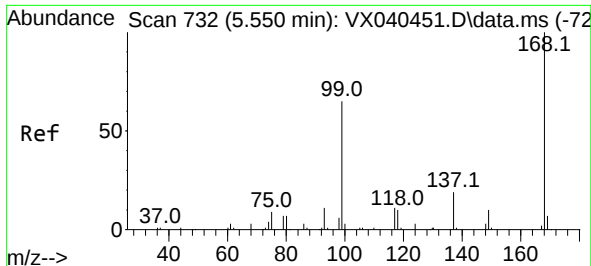
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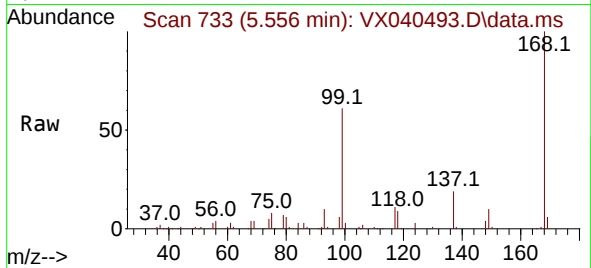
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040493.D
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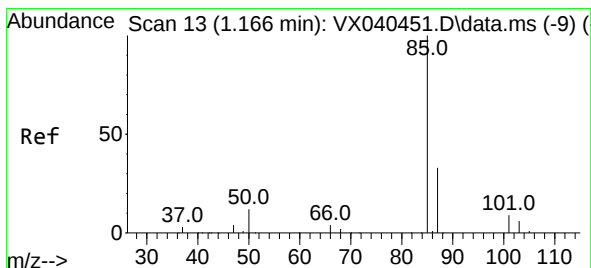
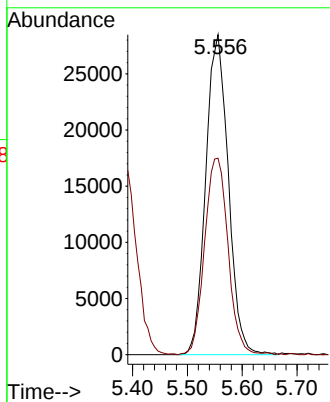
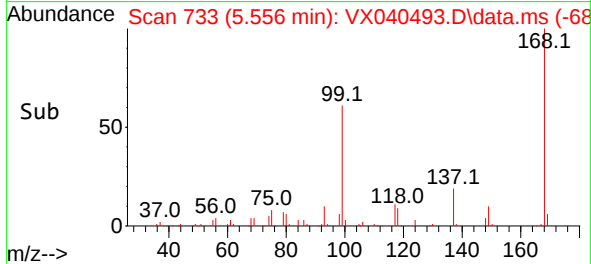
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:168 Resp: 8133
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0

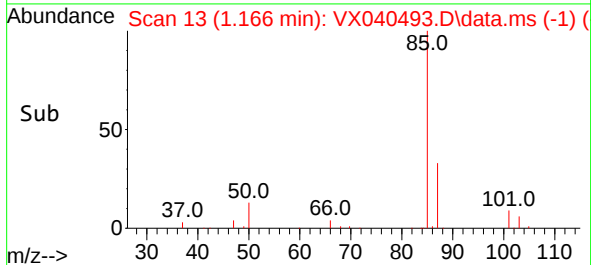
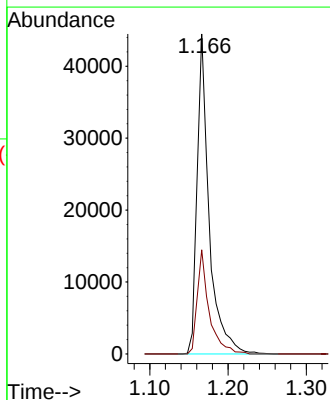
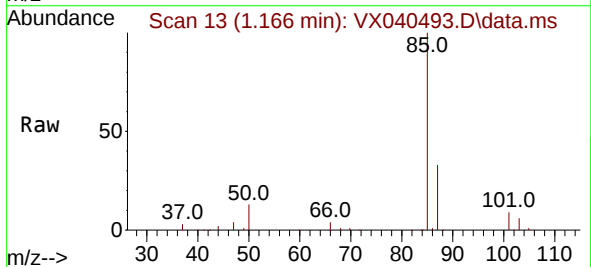
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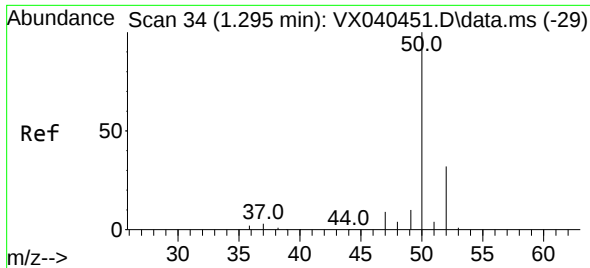
Reviewed By :John Carlone 02/28/2024
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#2
Dichlorodifluoromethane
Concen: 46.999 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 85 Resp: 47571
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





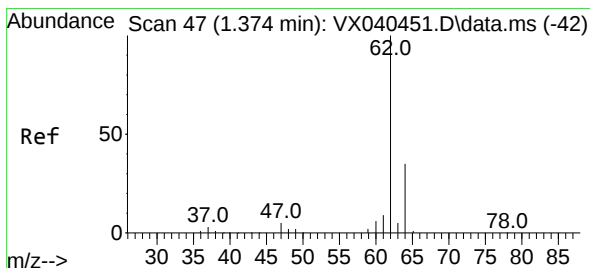
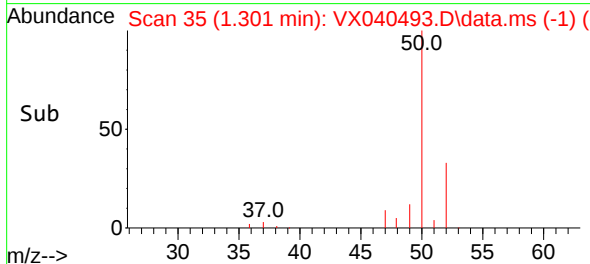
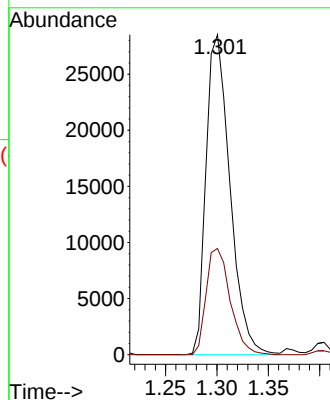
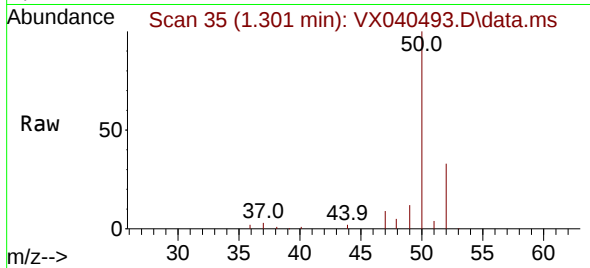
#3
Chloromethane
Concen: 46.013 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion: 50 Resp: 4619
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

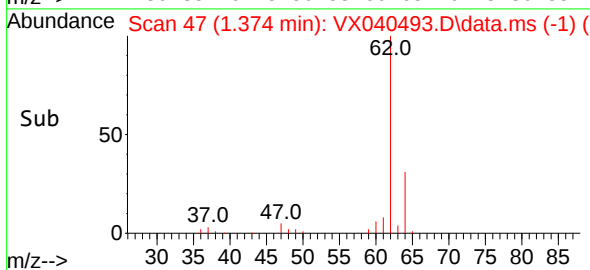
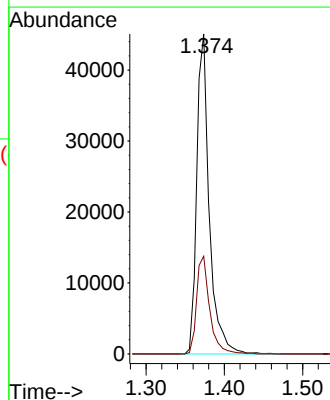
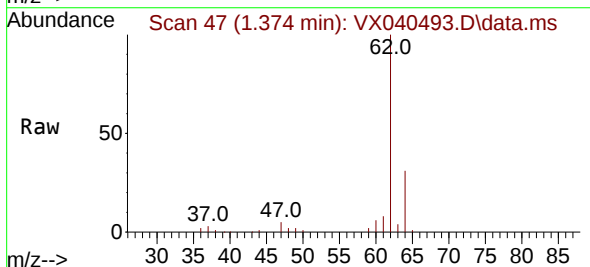
Manual Integrations
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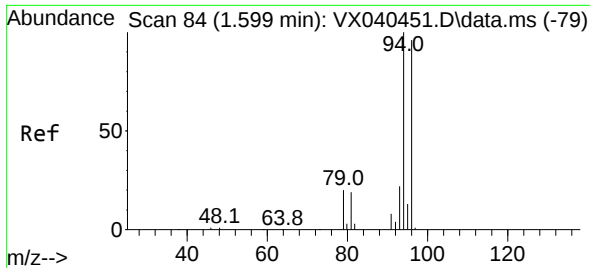
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#4
Vinyl Chloride
Concen: 46.167 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

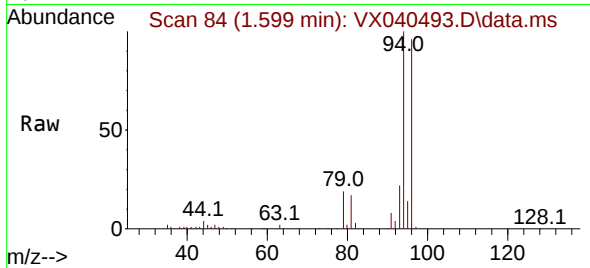
Tgt Ion: 62 Resp: 50121
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





#5
Bromomethane
Concen: 46.779 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

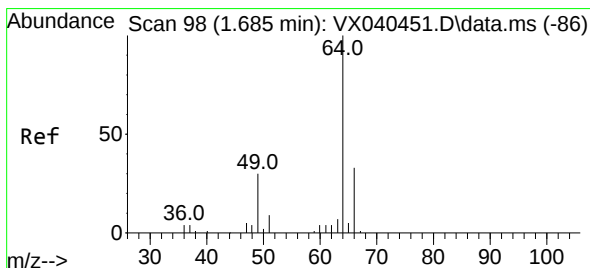
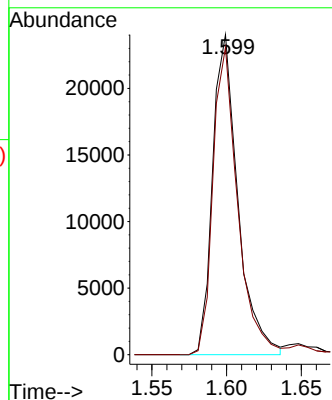
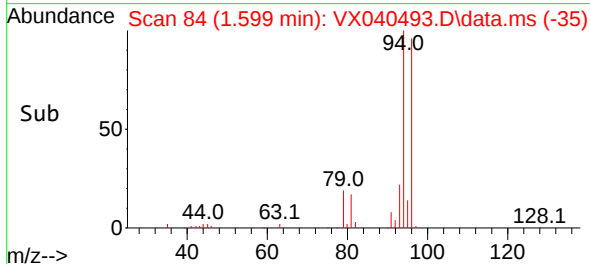
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Tgt Ion: 94 Resp: 2822
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

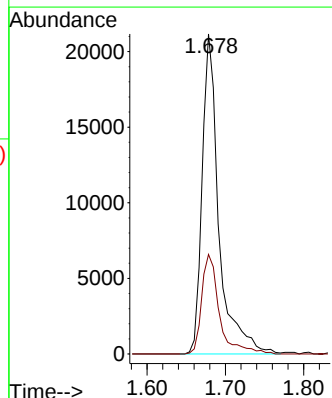
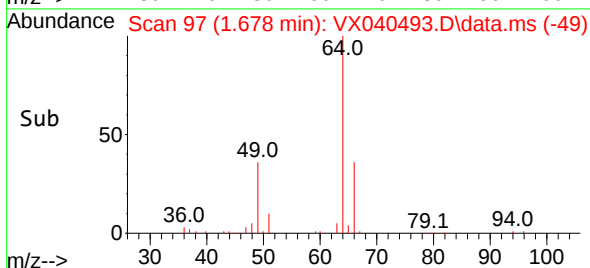
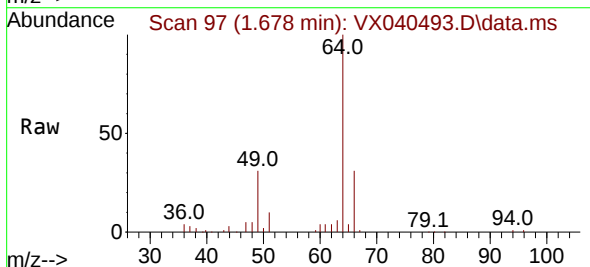
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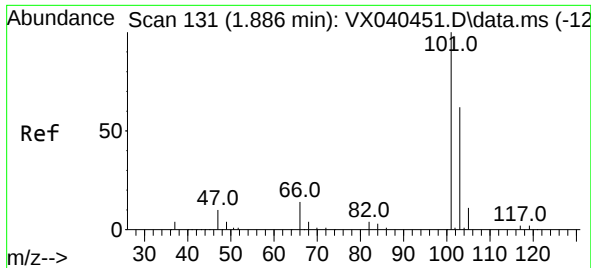
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#6
Chloroethane
Concen: 45.852 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

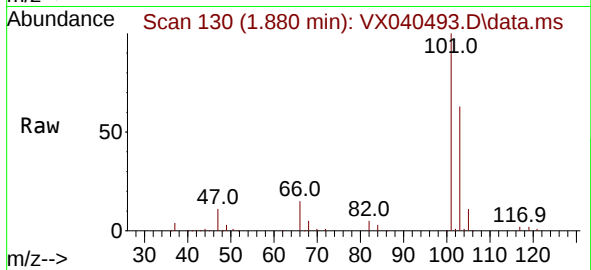
Tgt Ion: 64 Resp: 31503
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.349 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

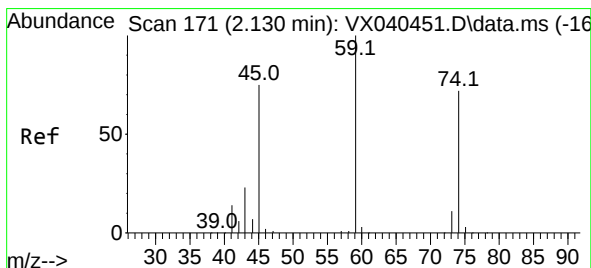
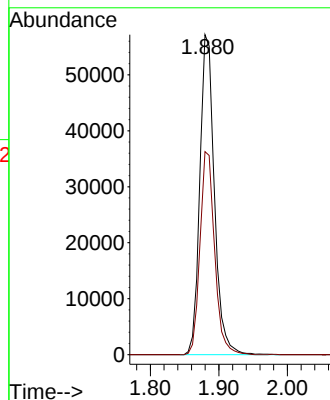
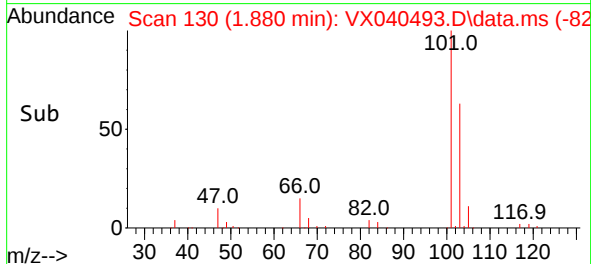
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Tgt Ion:101 Resp: 8461
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

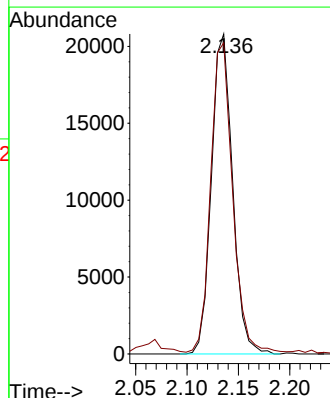
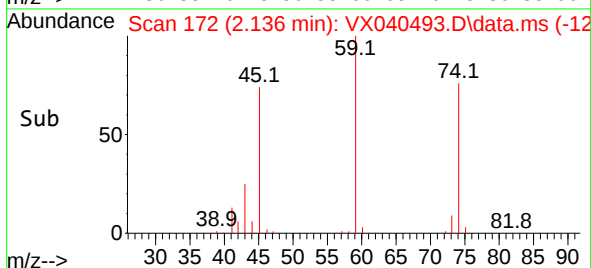
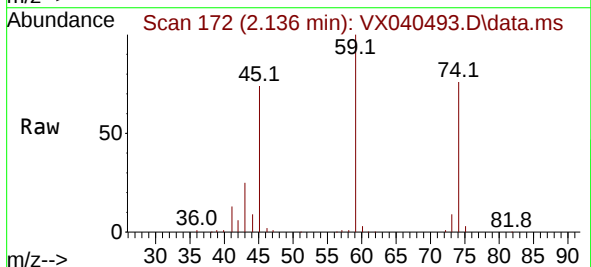
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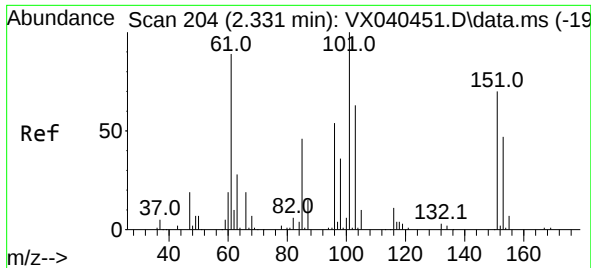
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#8
Diethyl Ether
Concen: 49.753 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 74 Resp: 29819
Ion Ratio Lower Upper
74 100
45 99.5 53.3 159.8





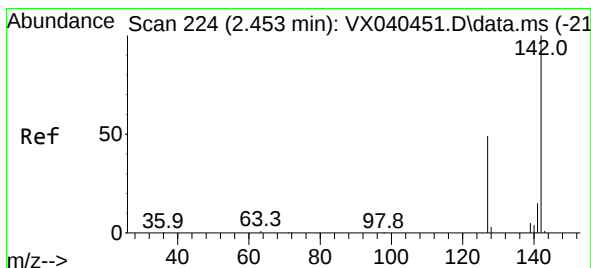
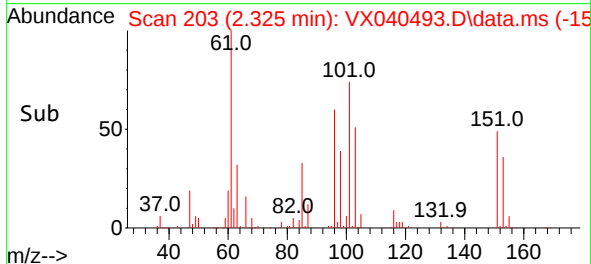
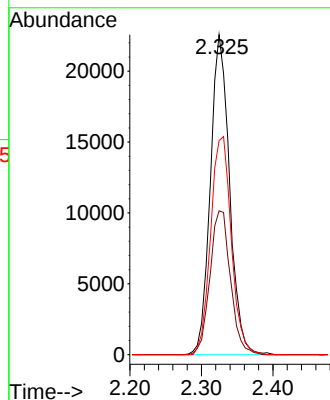
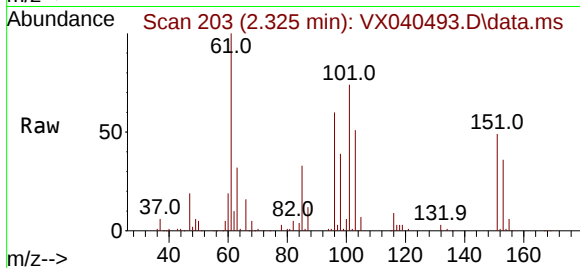
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.543 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion:101 Resp: 42035
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 73.5 58.6 87.8

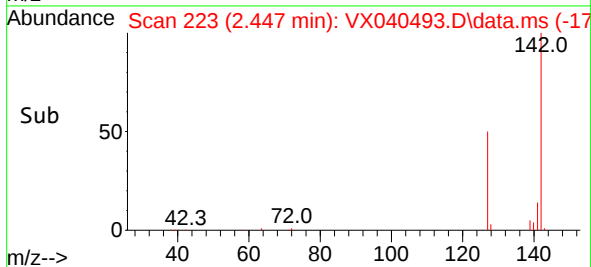
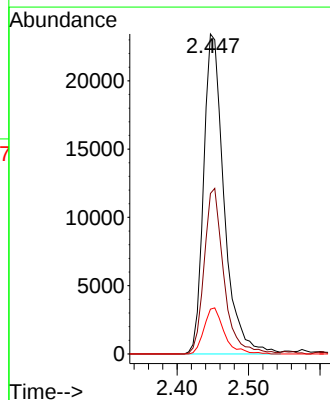
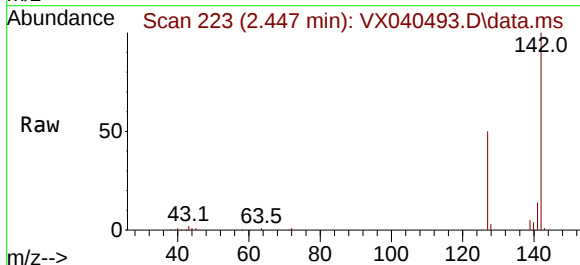
Manual Integrations
APPROVED

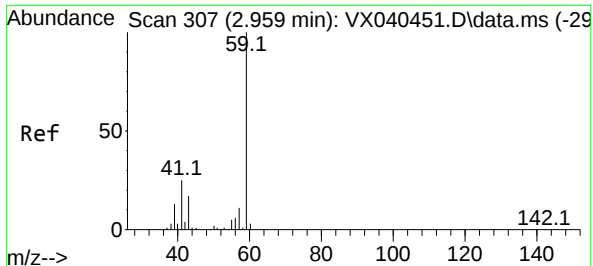
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#10
Methyl Iodide
Concen: 48.729 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

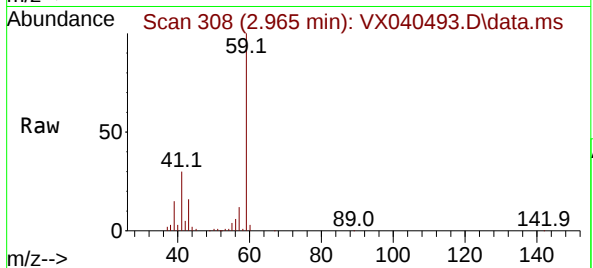
Tgt Ion:142 Resp: 46595
Ion Ratio Lower Upper
142 100
127 49.7 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 274.225 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

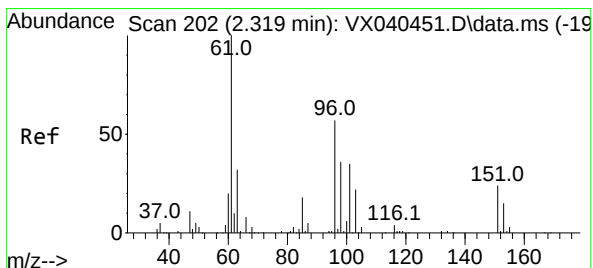
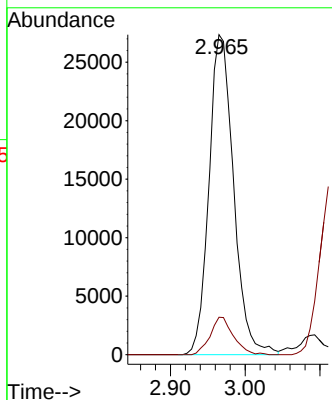
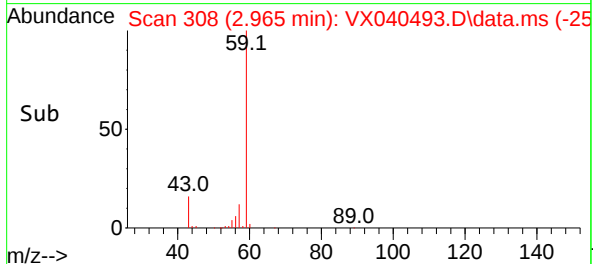
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 59 Resp: 62710
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0

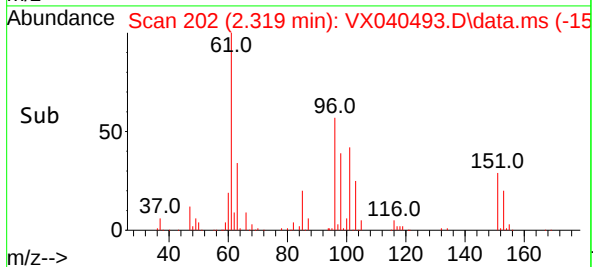
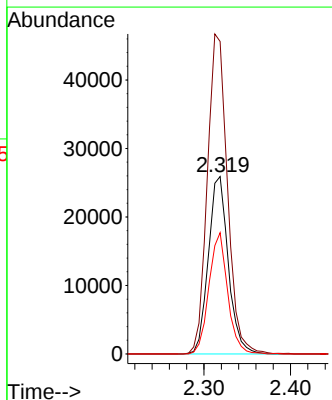
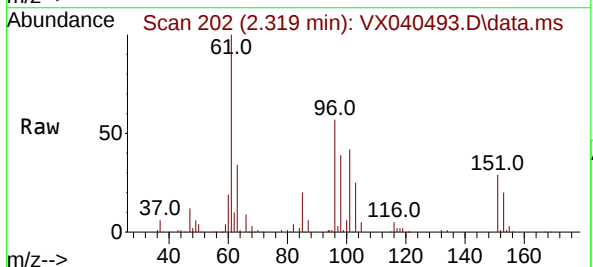
Manual Integrations
APPROVED

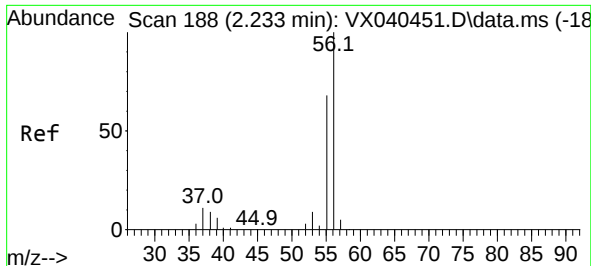
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#12
1,1-Dichloroethene
Concen: 44.695 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 96 Resp: 41417
Ion Ratio Lower Upper
96 100
61 176.2 144.6 216.8
98 68.4 50.4 75.6





#13

Acrolein

Concen: 431.982 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion: 56 Resp: 63334

Ion Ratio Lower Upper

56 100

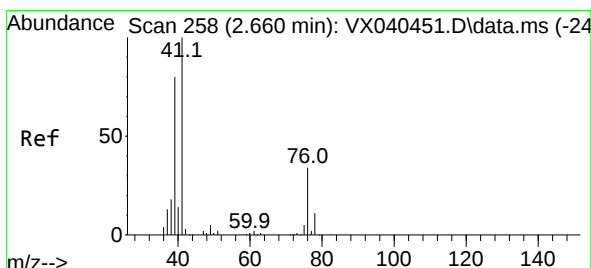
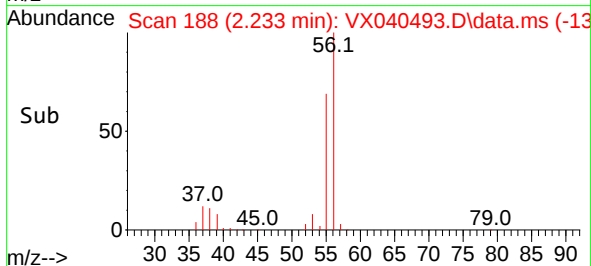
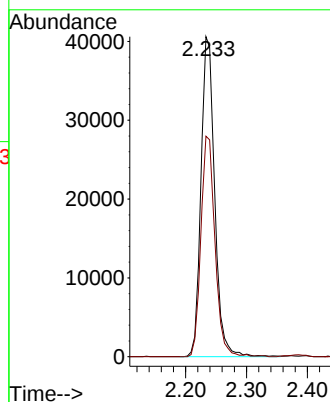
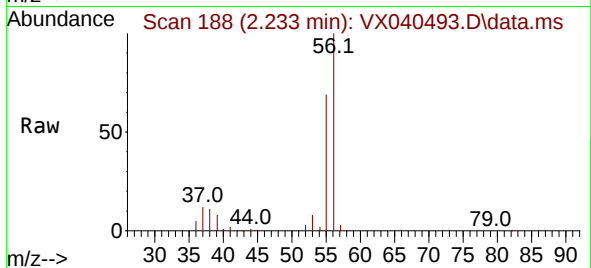
55 70.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#14

Allyl chloride

Concen: 47.269 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

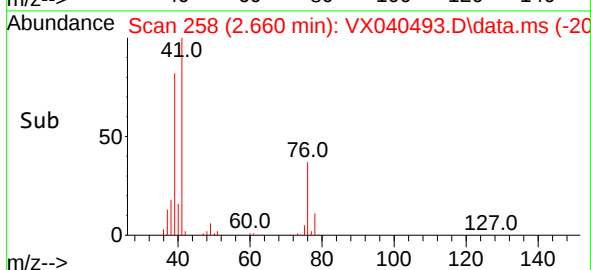
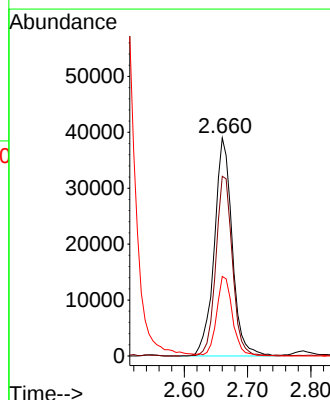
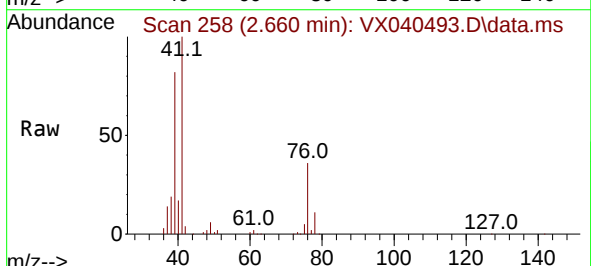
Tgt Ion: 41 Resp: 76631

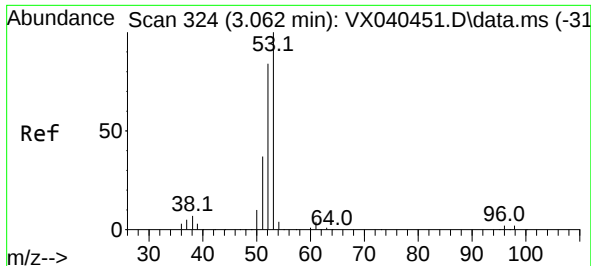
Ion Ratio Lower Upper

41 100

39 76.2 55.8 83.6

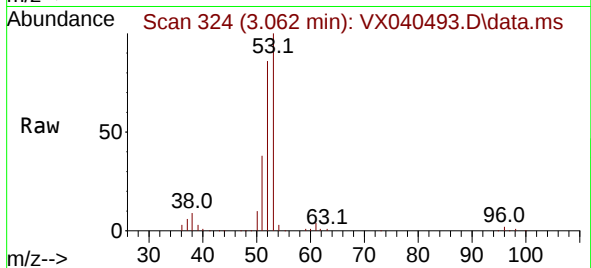
76 32.4 24.3 36.5





#15
Acrylonitrile
Concen: 243.412 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

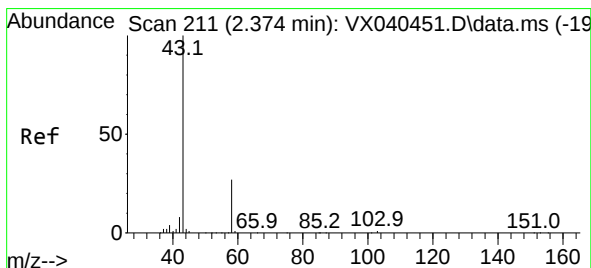
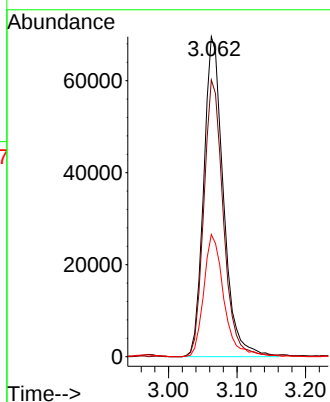
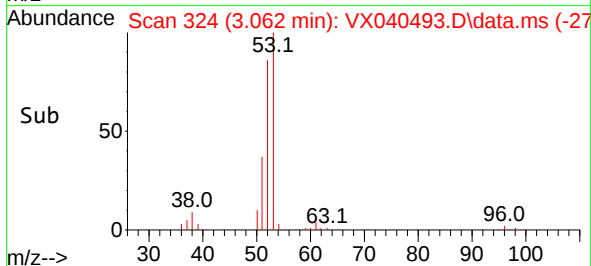
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 53 Resp: 13962
Ion Ratio Lower Upper
53 100
52 85.7 66.0 99.0
51 39.0 29.8 44.6

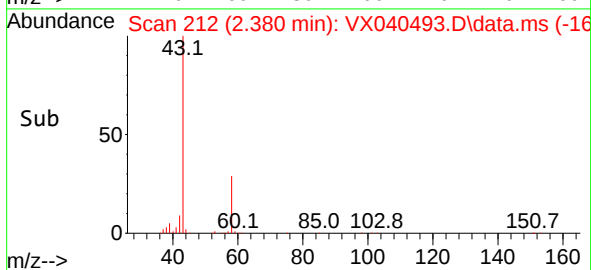
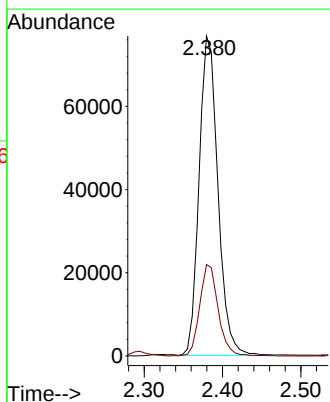
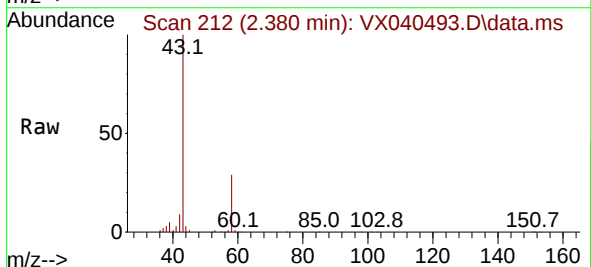
Manual Integrations
APPROVED

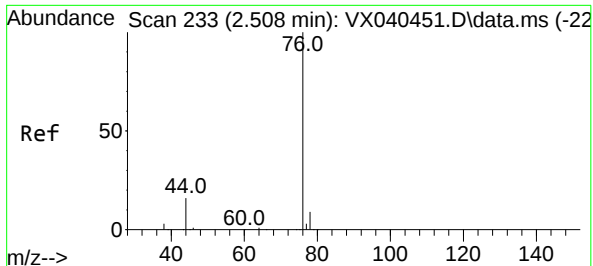
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#16
Acetone
Concen: 288.407 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

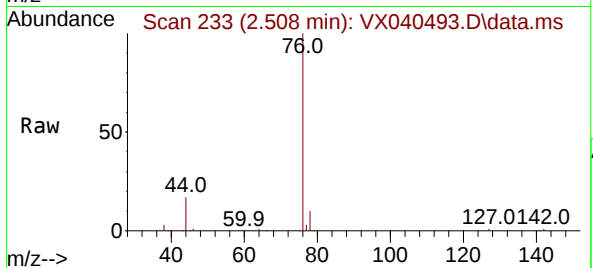
Tgt Ion: 43 Resp: 127946
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9





#17
Carbon Disulfide
Concen: 42.831 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

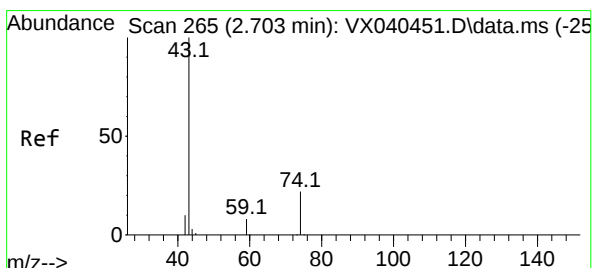
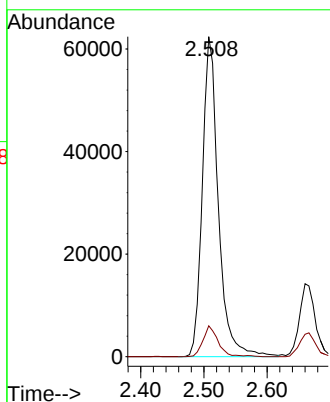
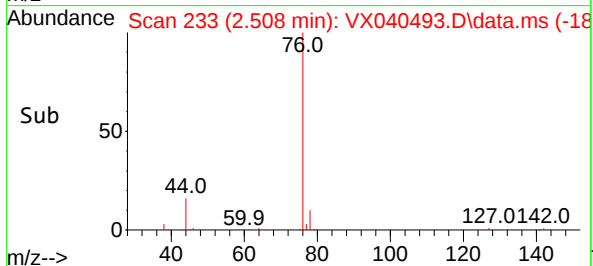
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 76 Resp: 10990
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

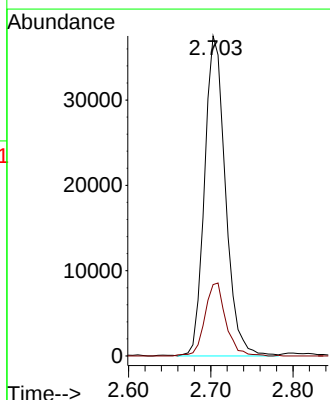
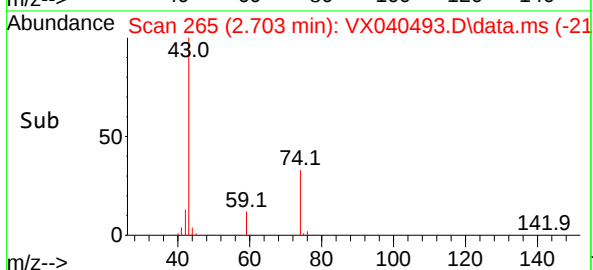
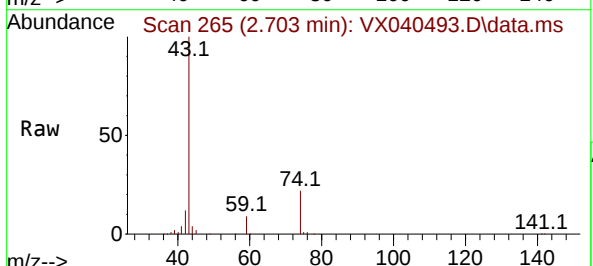
Manual Integrations
APPROVED

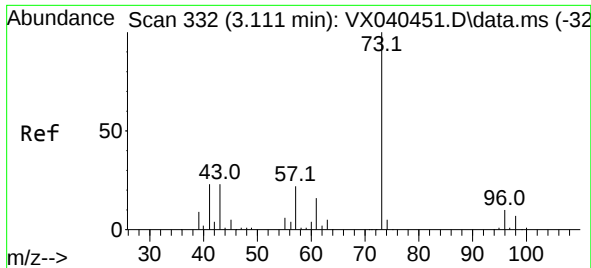
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#18
Methyl Acetate
Concen: 48.466 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

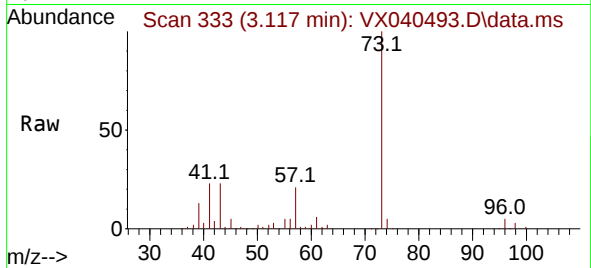
Tgt Ion: 43 Resp: 66286
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.097 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

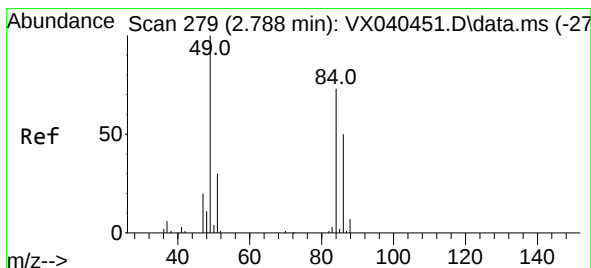
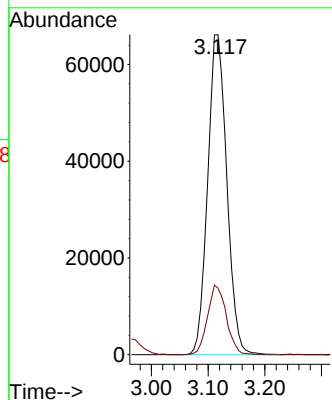
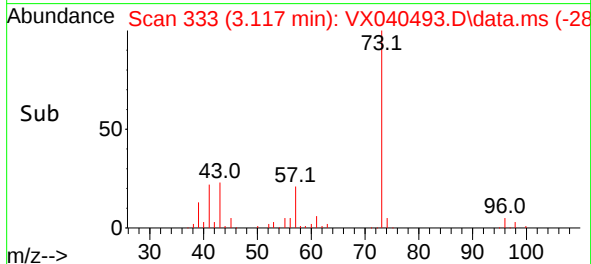
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 73 Resp: 15518
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

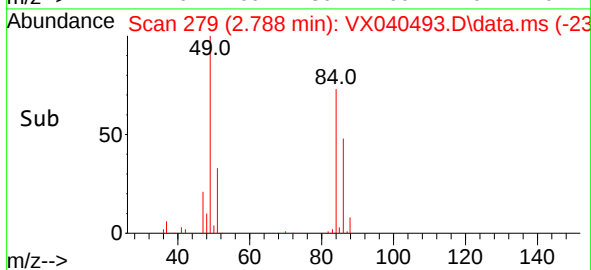
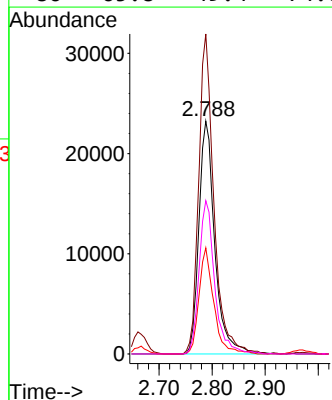
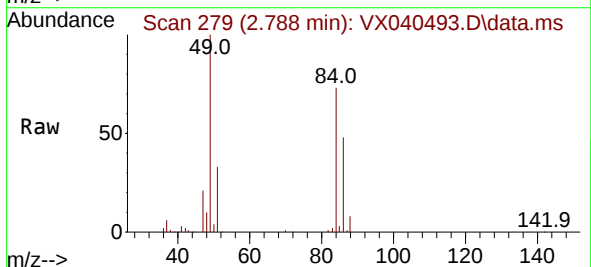
Manual Integrations
APPROVED

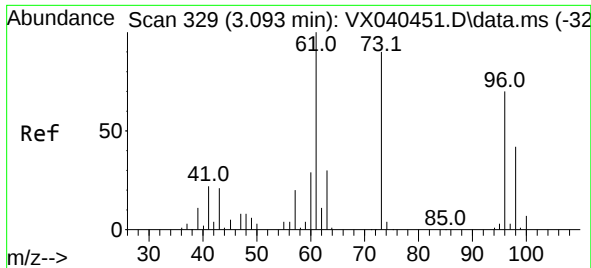
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#20
Methylene Chloride
Concen: 45.758 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

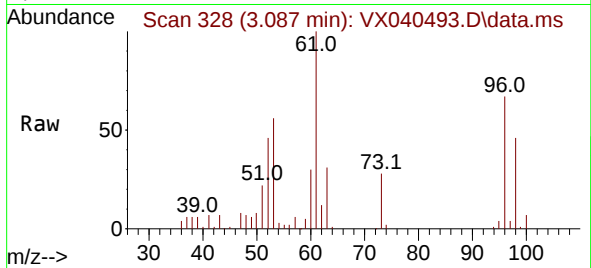
Tgt Ion: 84 Resp: 48578
Ion Ratio Lower Upper
84 100
49 137.5 103.6 155.4
51 45.6 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.130 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

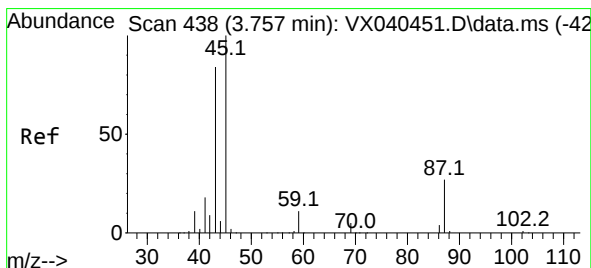
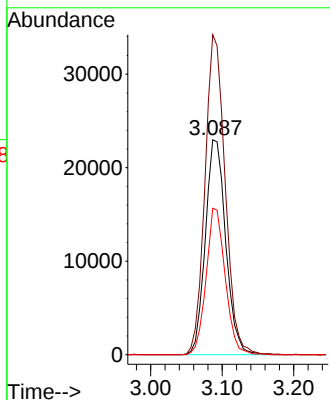
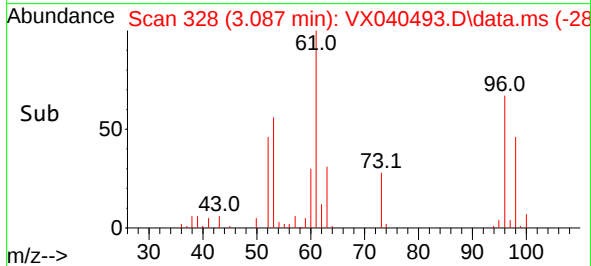
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 96 Resp: 4558
Ion Ratio Lower Upper
96 100
61 149.0 119.2 178.8
98 68.2 48.7 73.1

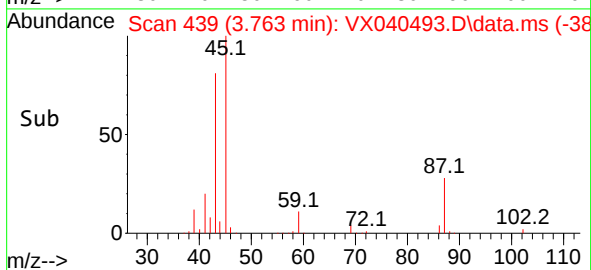
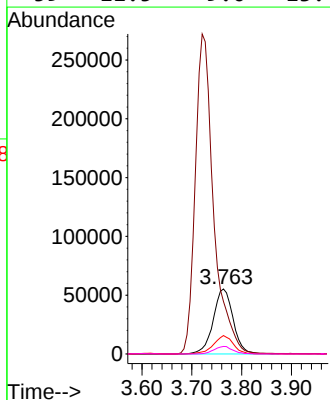
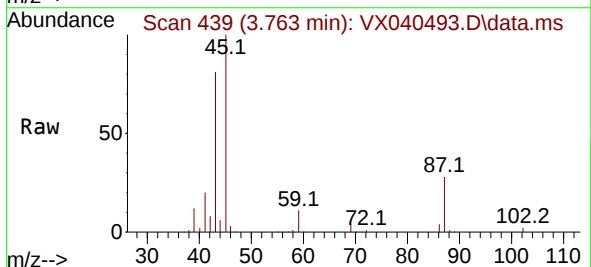
Manual Integrations
APPROVED

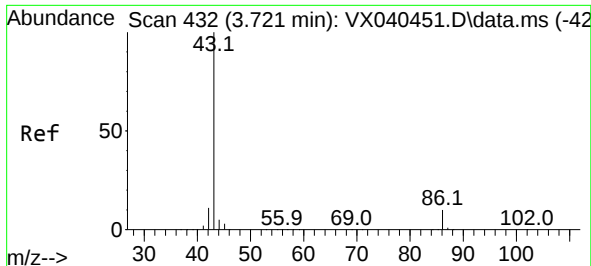
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#22
Diisopropyl ether
Concen: 47.130 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 45 Resp: 153540
Ion Ratio Lower Upper
45 100
43 80.6 69.7 104.5
87 28.3 20.8 31.2
59 11.5 9.0 13.4





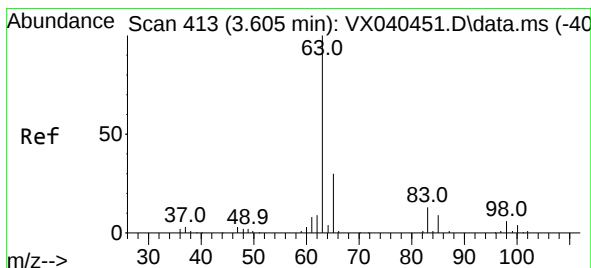
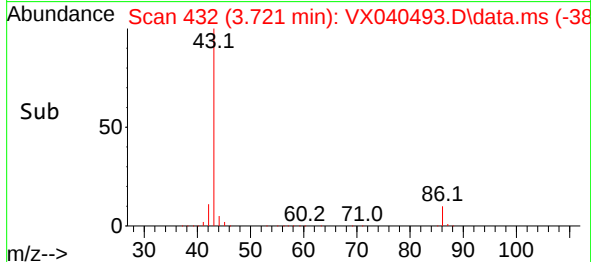
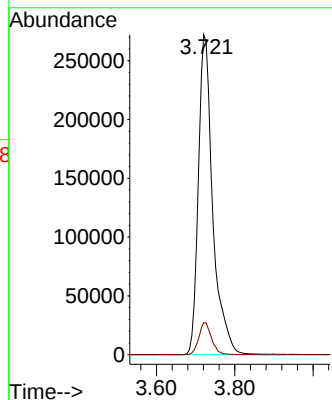
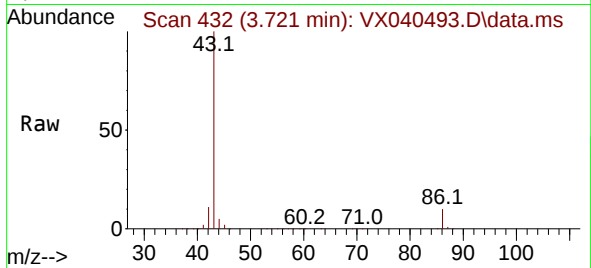
#23
 Vinyl Acetate
 Concen: 233.441 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040493.D
 Acq: 27 Feb 2024 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MSD

Tgt Ion: 43 Resp: 696648
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

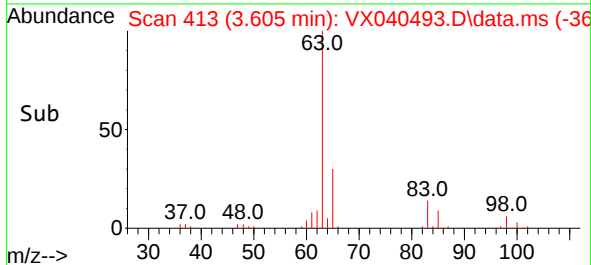
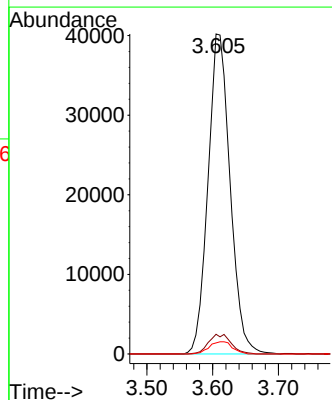
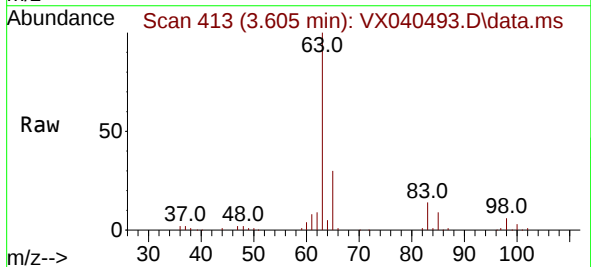
Manual Integrations
 APPROVED

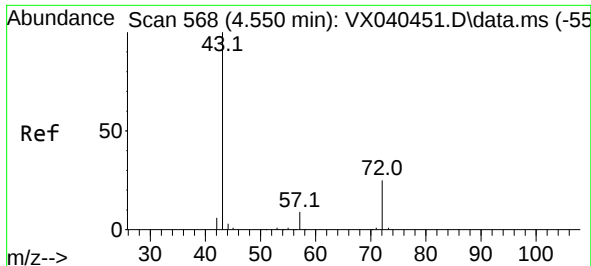
Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024



#24
 1,1-Dichloroethane
 Concen: 49.532 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040493.D
 Acq: 27 Feb 2024 16:36

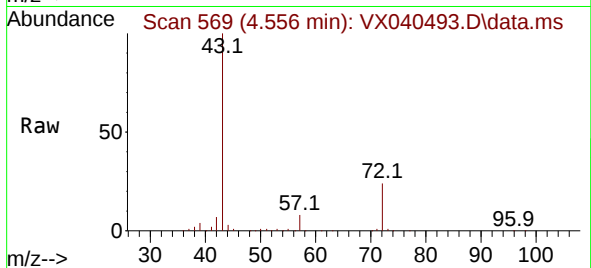
Tgt Ion: 63 Resp: 94099
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.4 2.1 6.5





#25
2-Butanone
Concen: 264.152 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

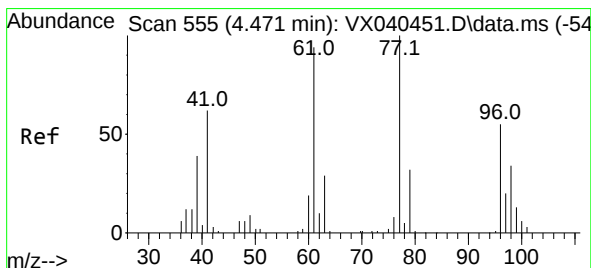
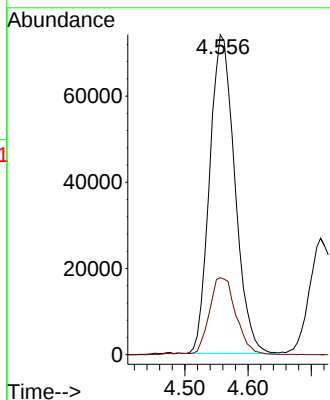
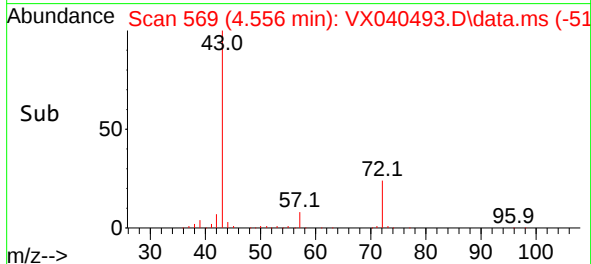
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 43 Resp: 20417
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

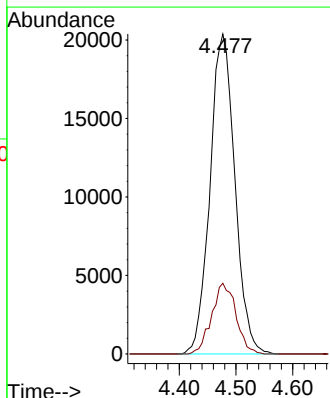
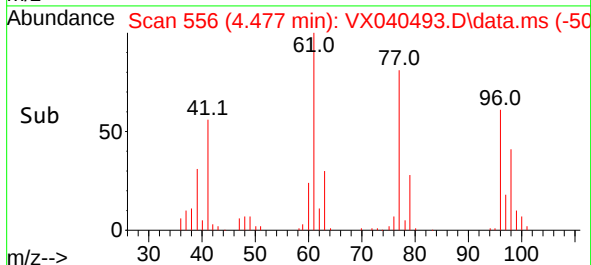
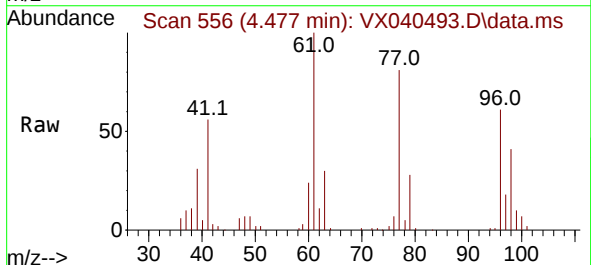
Manual Integrations
APPROVED

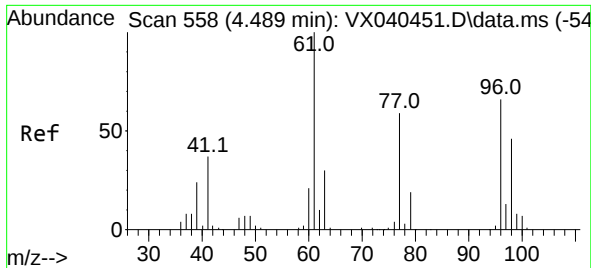
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#26
2,2-Dichloropropane
Concen: 41.041 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

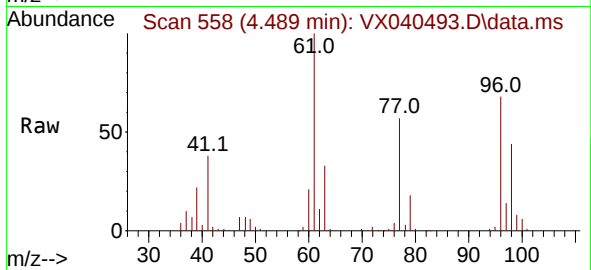
Tgt Ion: 77 Resp: 62078
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 46.122 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

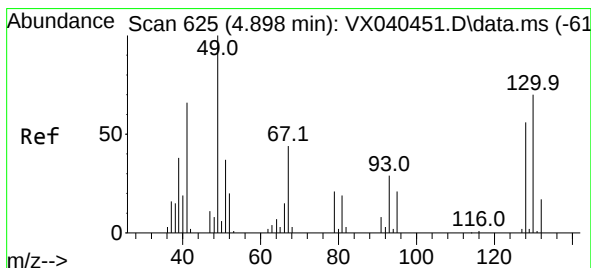
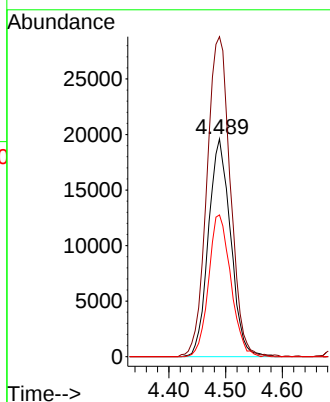
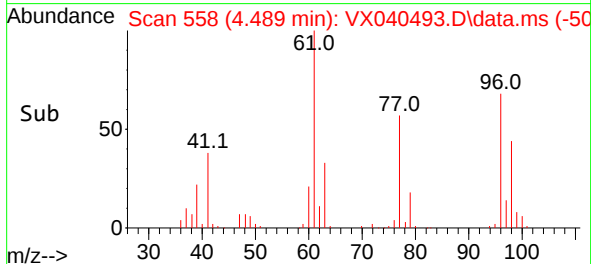
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 96 Resp: 5332
Ion Ratio Lower Upper
96 100
61 155.5 0.0 312.2
98 65.0 0.0 129.0

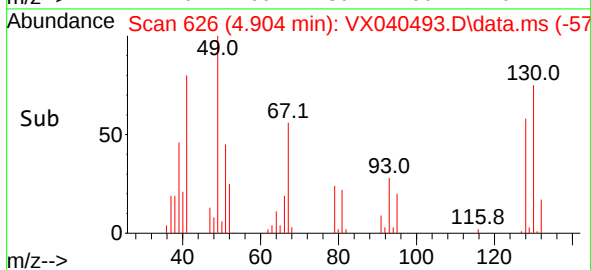
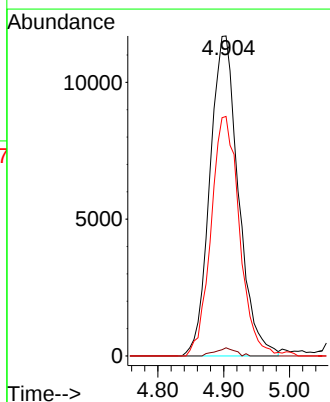
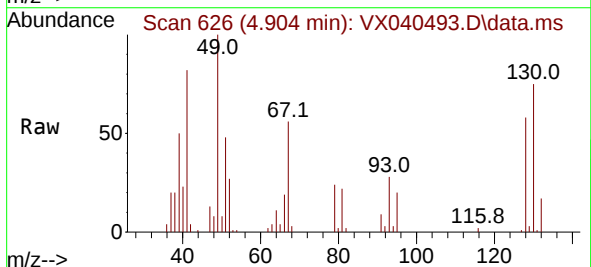
Manual Integrations
APPROVED

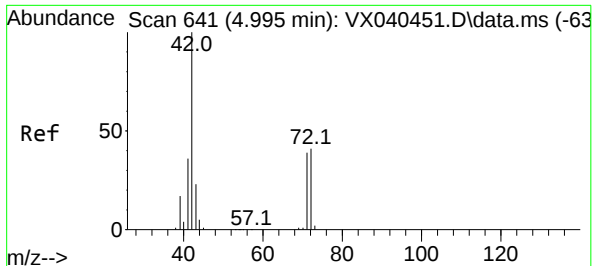
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#28
Bromochloromethane
Concen: 44.440 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 49 Resp: 35316
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.789 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion: 42 Resp: 137925

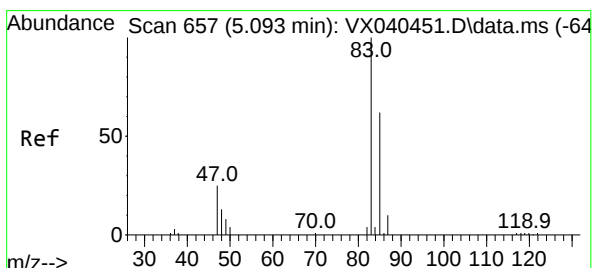
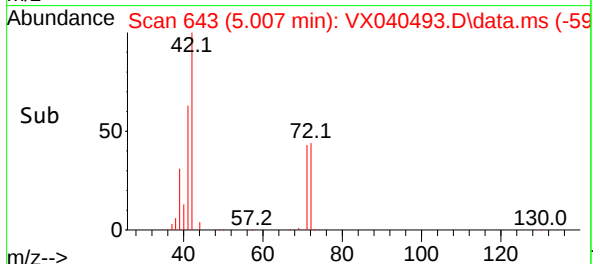
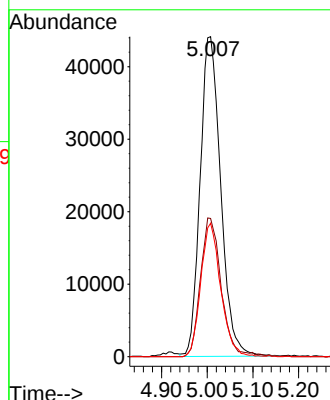
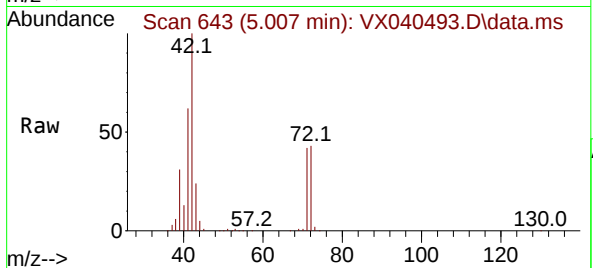
Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.2	51.4
71	40.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#30

Chloroform

Concen: 48.877 ug/l

RT: 5.093 min Scan# 657

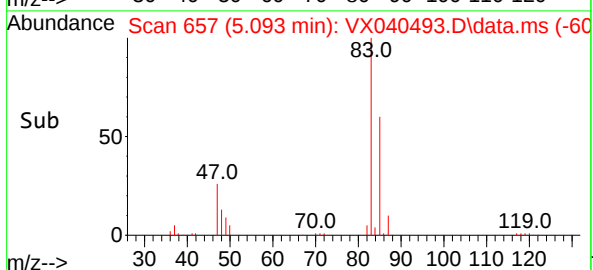
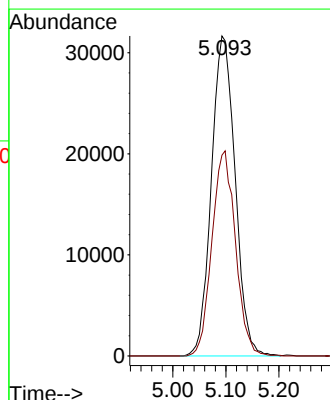
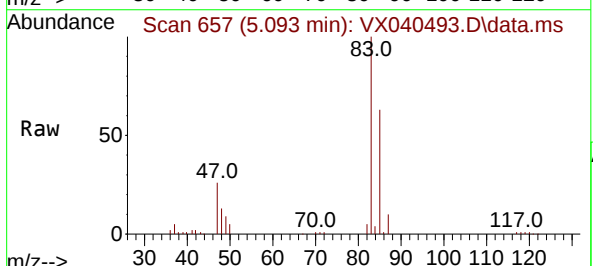
Delta R.T. -0.000 min

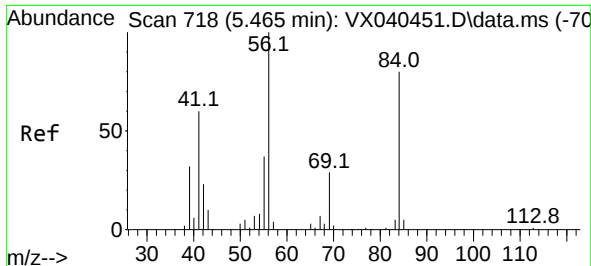
Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Tgt Ion: 83 Resp: 98560

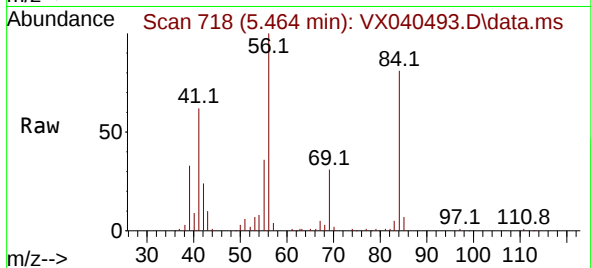
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.3	75.5





#31
Cyclohexane
Concen: 45.212 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

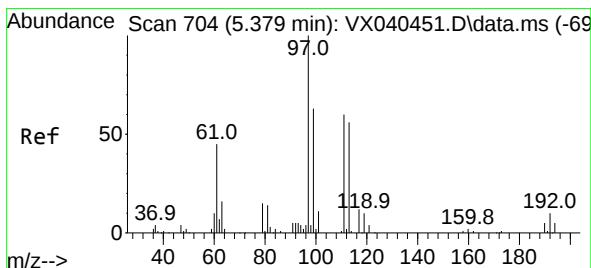
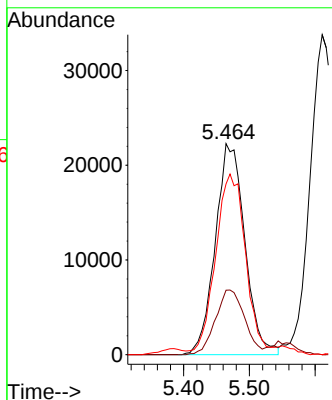
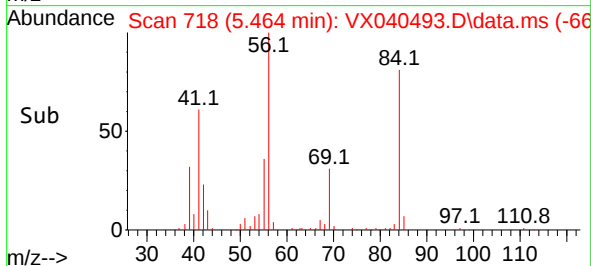
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 56 Resp: 69680
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 78.3 65.9 98.9

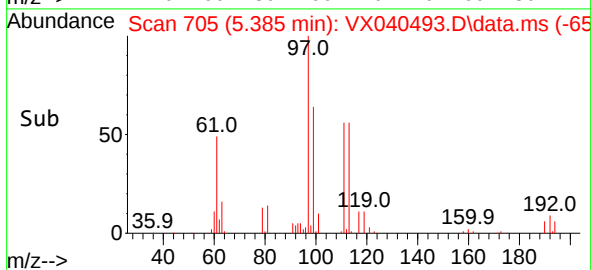
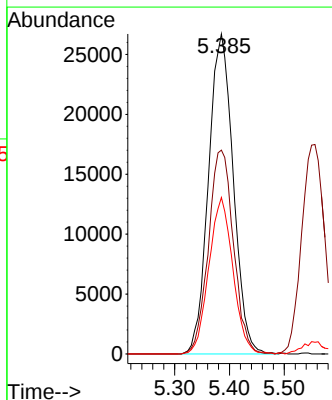
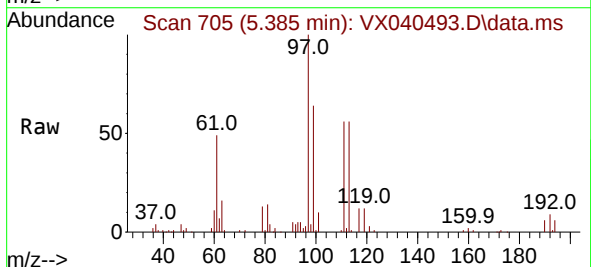
Manual Integrations
APPROVED

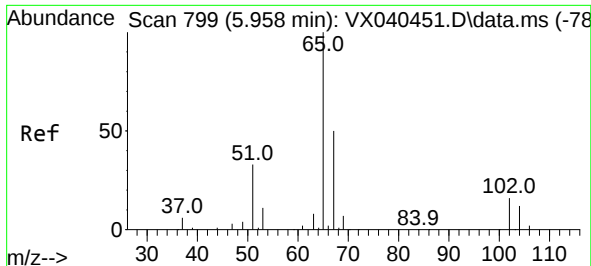
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#32
1,1,1-Trichloroethane
Concen: 48.621 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 97 Resp: 83682
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 43.930 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion: 65 Resp: 59760

Ion Ratio Lower Upper

65 100

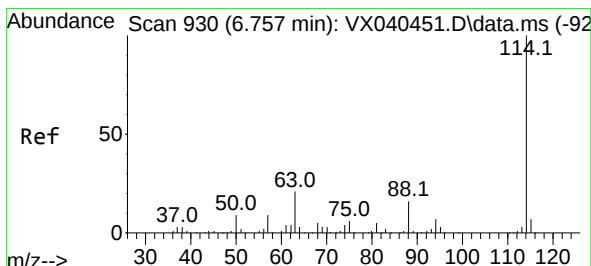
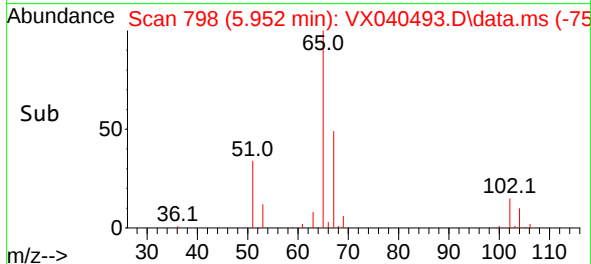
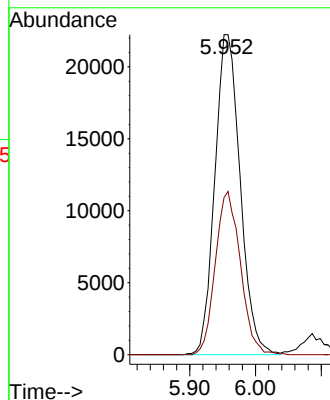
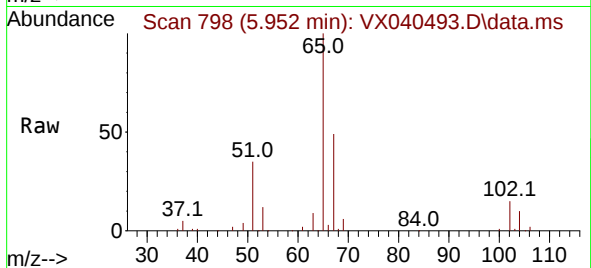
67 50.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

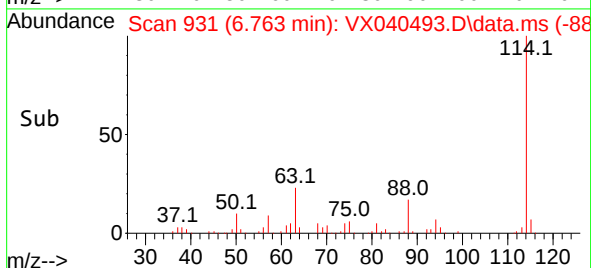
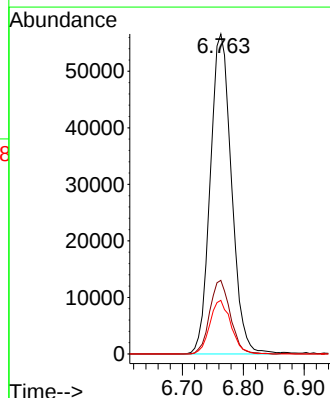
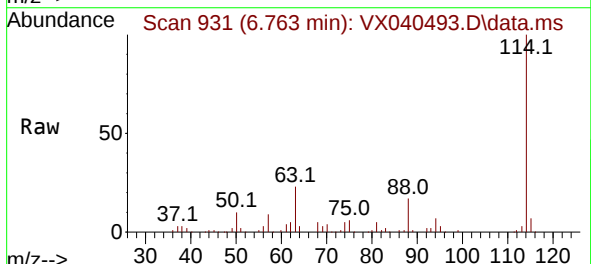
Tgt Ion:114 Resp: 137088

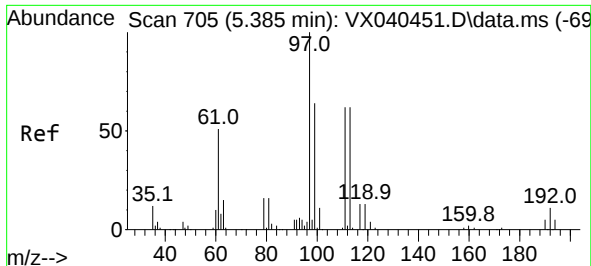
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.623 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040493.D

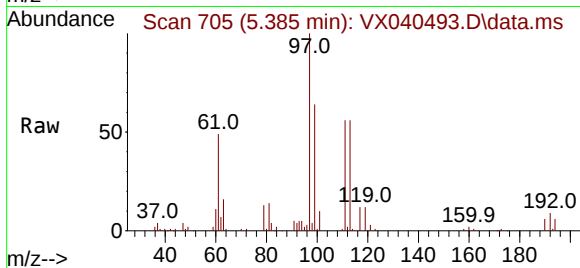
Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD



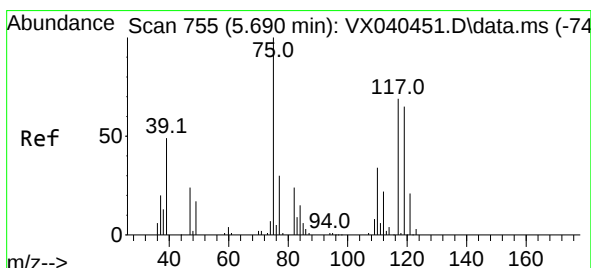
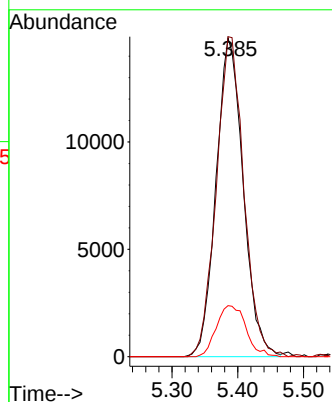
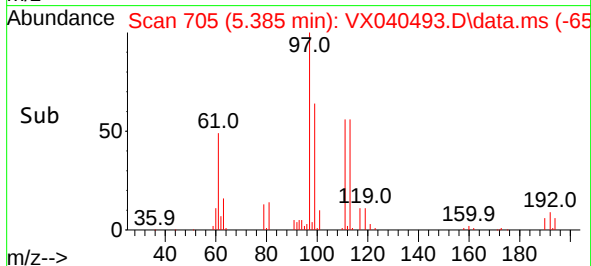
Tgt Ion:	113	Resp:	42539
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	17.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#36

1,1-Dichloropropene

Concen: 46.425 ug/l

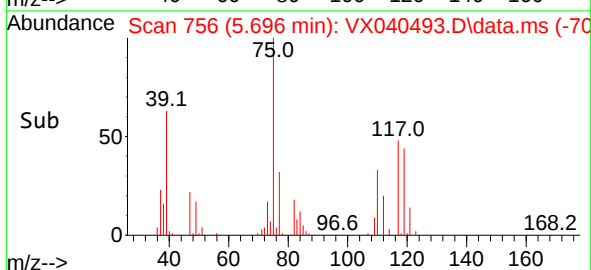
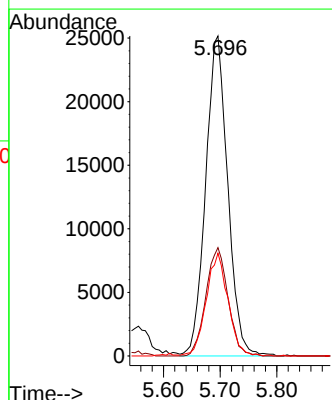
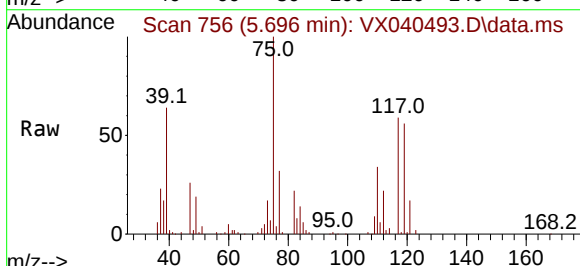
RT: 5.696 min Scan# 756

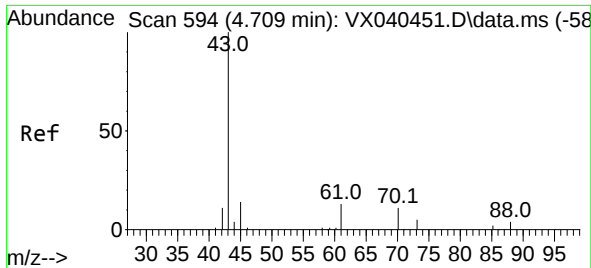
Delta R.T. 0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Tgt Ion:	75	Resp:	68187
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.0	50.9
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 47.338 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion: 43 Resp: 76092

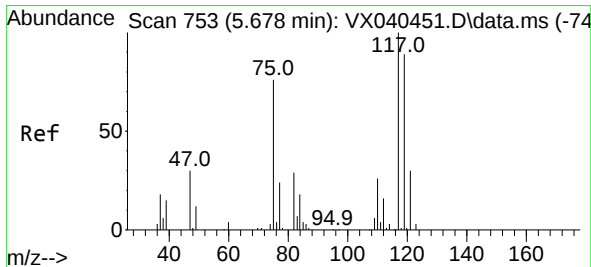
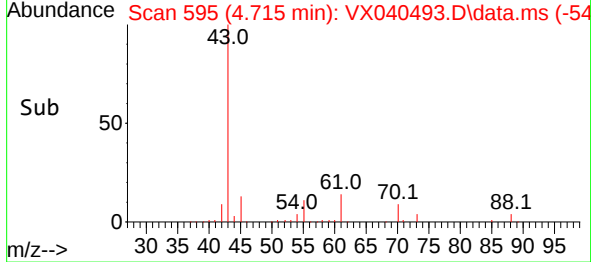
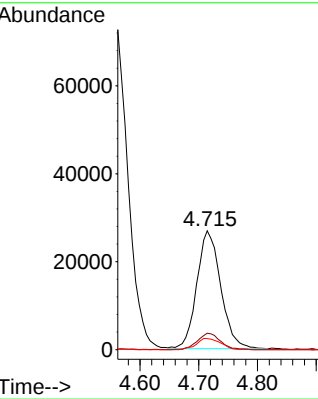
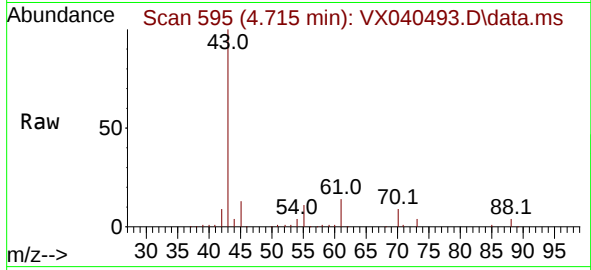
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	16.0
70	9.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#38

Carbon Tetrachloride

Concen: 48.986 ug/l

RT: 5.684 min Scan# 754

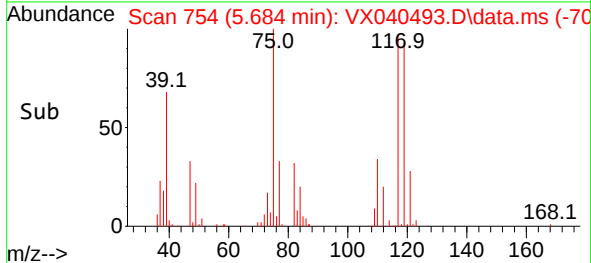
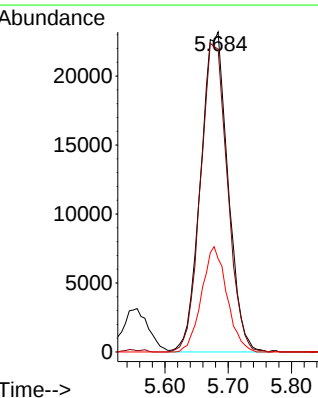
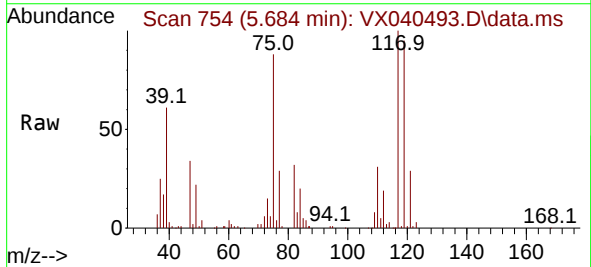
Delta R.T. 0.006 min

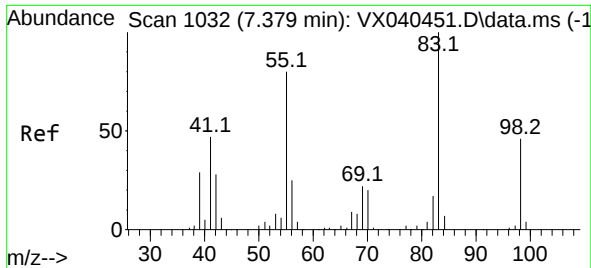
Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Tgt Ion:117 Resp: 69505

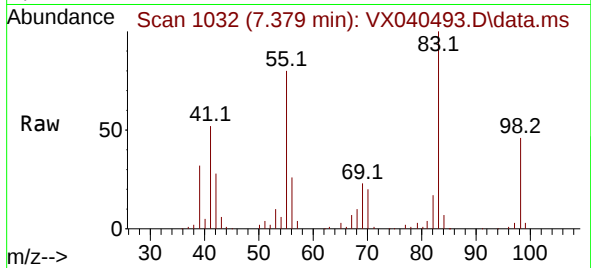
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.2
121	29.1	24.4	36.6





#39
Methylcyclohexane
Concen: 46.041 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

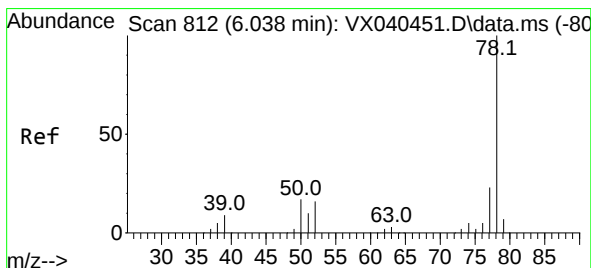
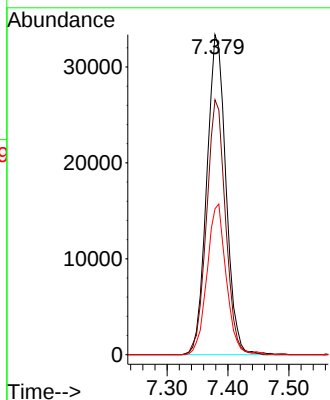
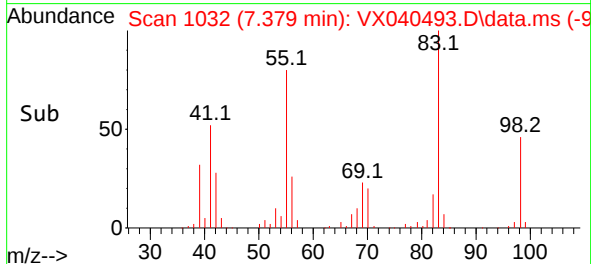
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 83 Resp: 73000
Ion Ratio Lower Upper
83 100
55 79.7 64.6 97.0
98 45.6 36.7 55.1

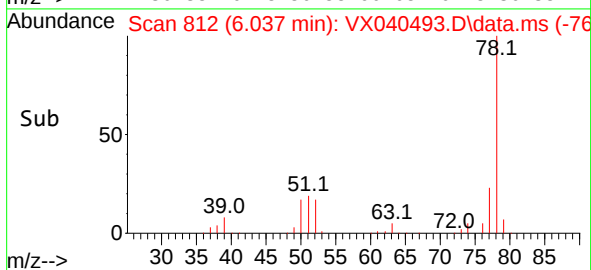
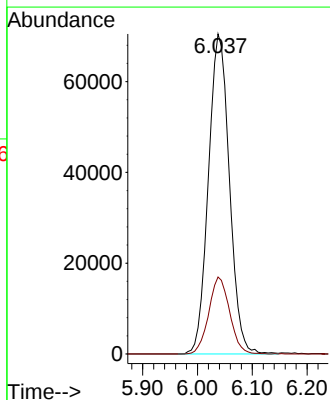
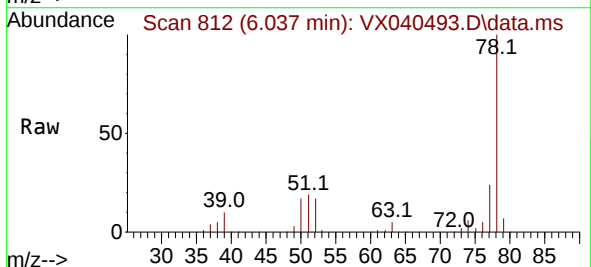
Manual Integrations
APPROVED

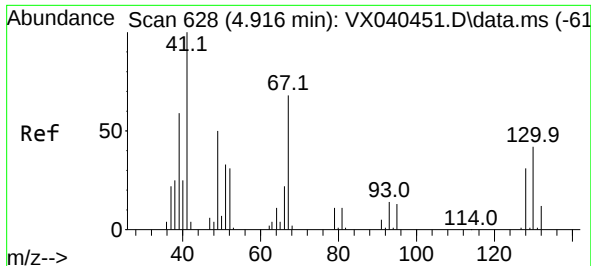
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#40
Benzene
Concen: 47.095 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

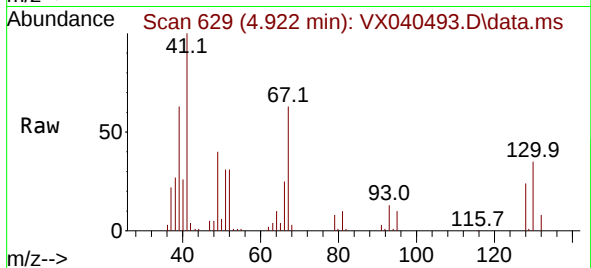
Tgt Ion: 78 Resp: 187275
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 49.733 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

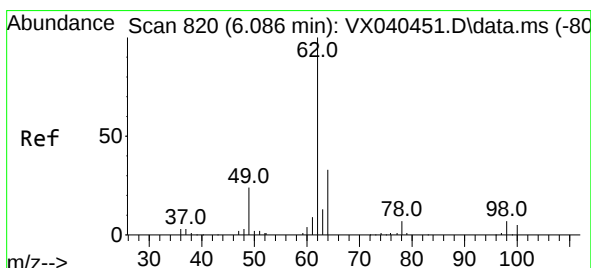
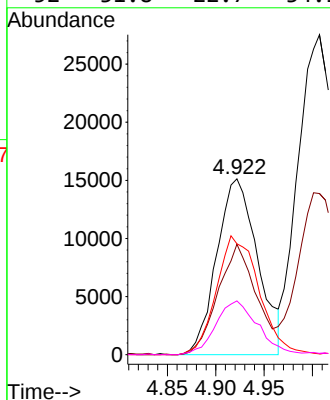
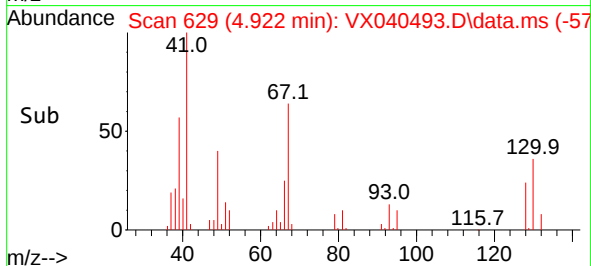
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 41 Resp: 4465
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 70.3 52.6 78.8
52 31.8 22.7 34.1

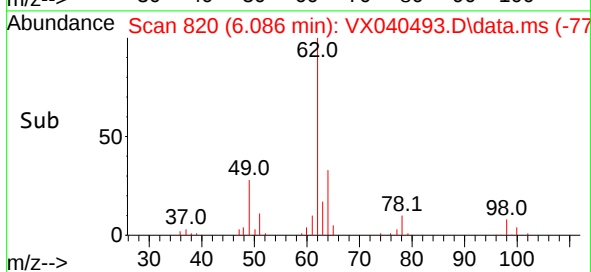
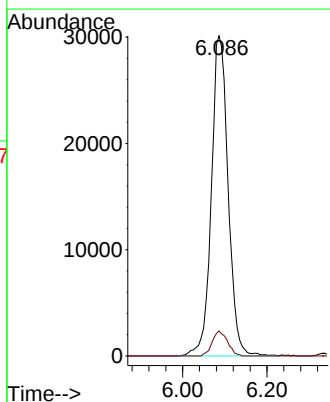
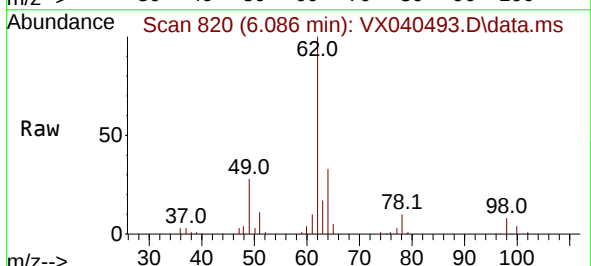
Manual Integrations
APPROVED

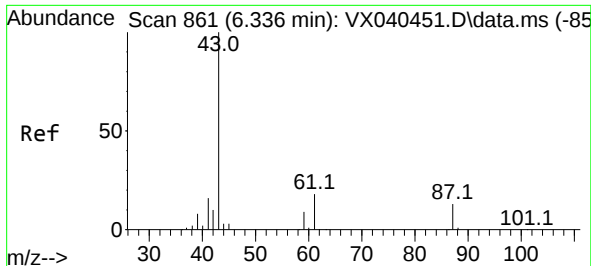
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#42
1,2-Dichloroethane
Concen: 50.478 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion: 62 Resp: 83078
Ion Ratio Lower Upper
62 100
98 7.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.688 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion: 43 Resp: 12280

Ion Ratio Lower Upper

43 100

61 17.7 15.2 22.8

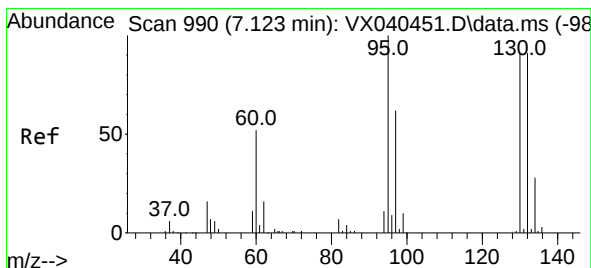
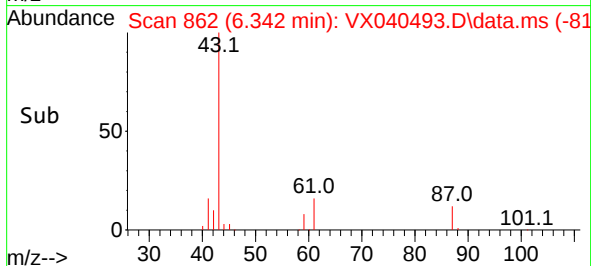
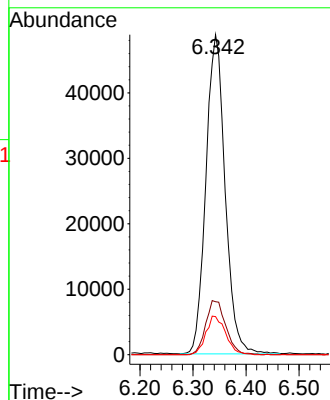
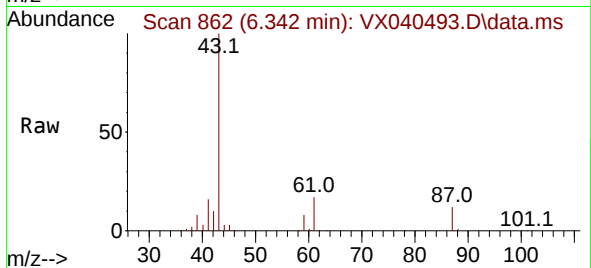
87 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#44

Trichloroethene

Concen: 46.577 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040493.D

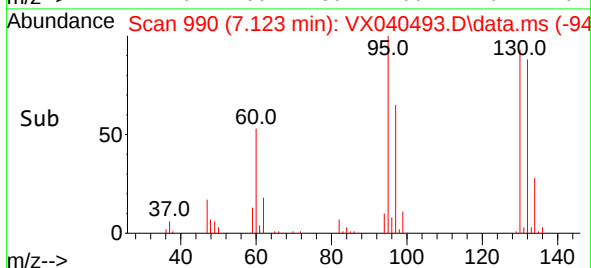
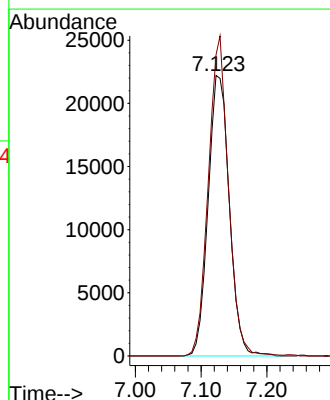
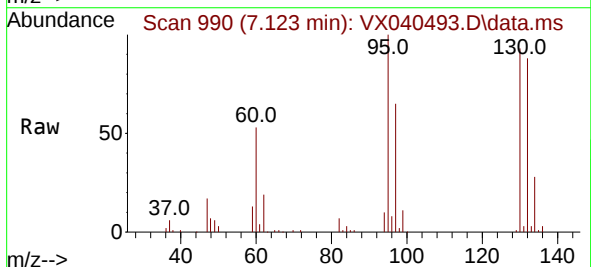
Acq: 27 Feb 2024 16:36

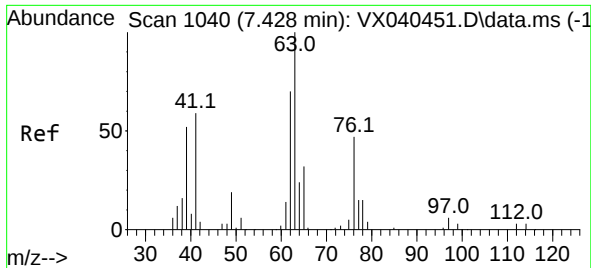
Tgt Ion:130 Resp: 49811

Ion Ratio Lower Upper

130 100

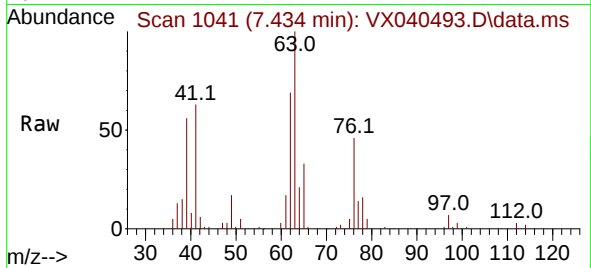
95 107.3 0.0 204.4





#45
1,2-Dichloropropane
Concen: 47.119 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

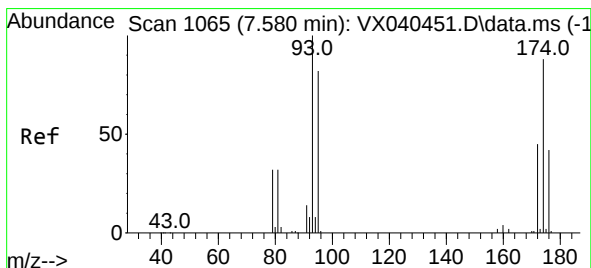
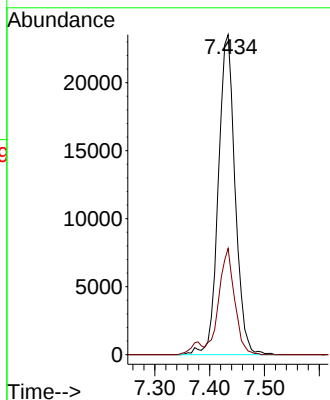
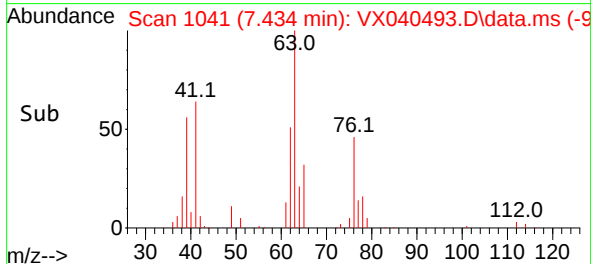
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 63 Resp: 50149
Ion Ratio Lower Upper
63 100
65 33.2 24.3 36.5

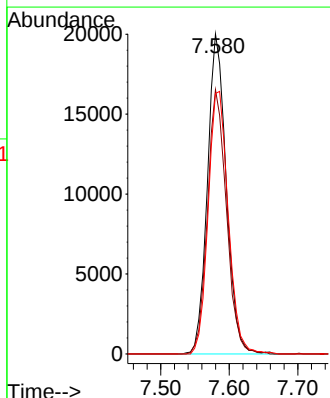
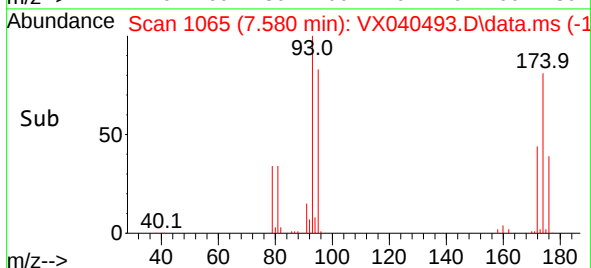
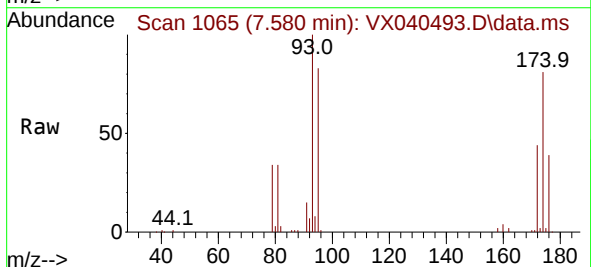
Manual Integrations
APPROVED

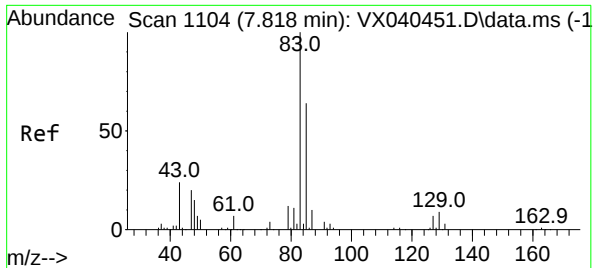
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#46
Dibromomethane
Concen: 48.915 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

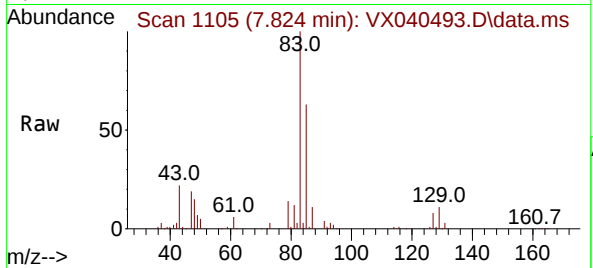
Tgt Ion: 93 Resp: 38272
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 87.5 69.4 104.0





#47
Bromodichloromethane
Concen: 49.331 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

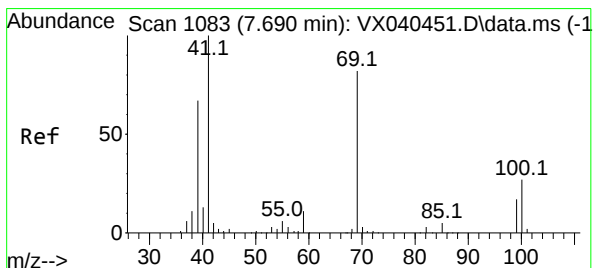
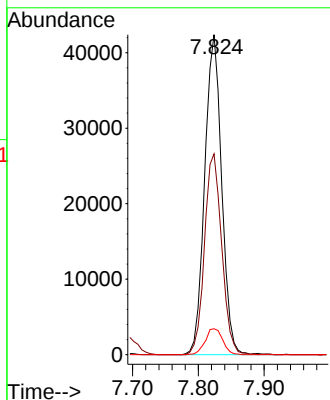
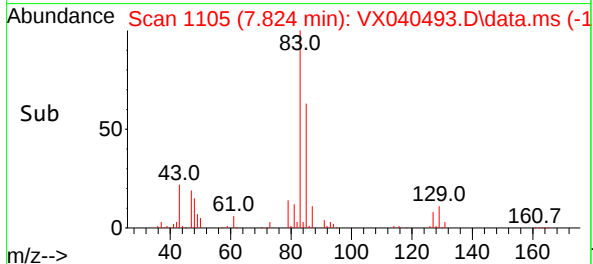
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 83 Resp: 75990
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.1 7.1 10.7

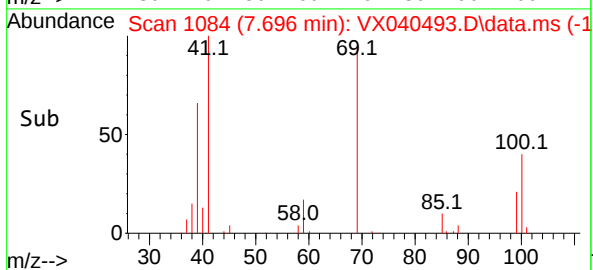
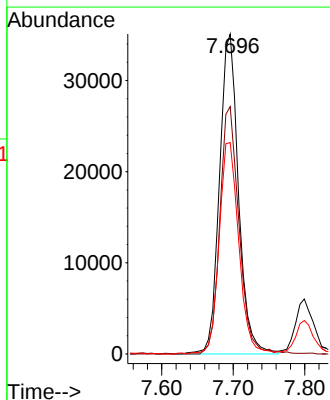
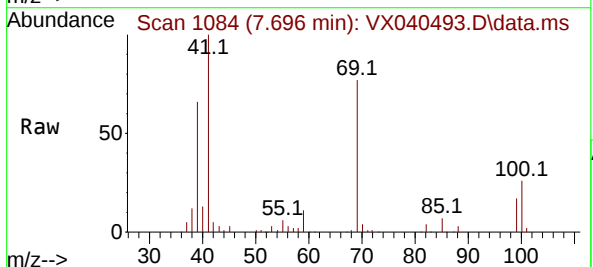
Manual Integrations
APPROVED

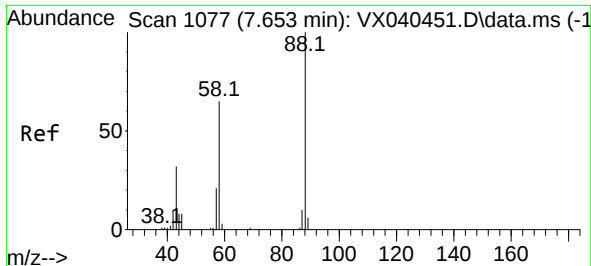
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#48
Methyl methacrylate
Concen: 51.446 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

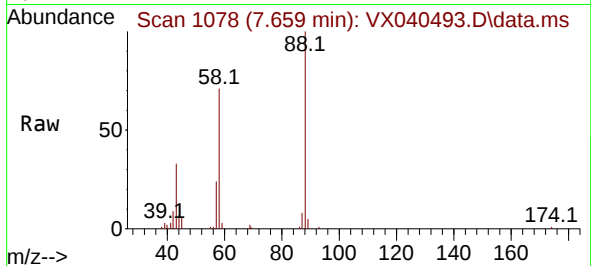
Tgt Ion: 41 Resp: 64855
Ion Ratio Lower Upper
41 100
69 77.9 59.2 88.8
39 68.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1154.337 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

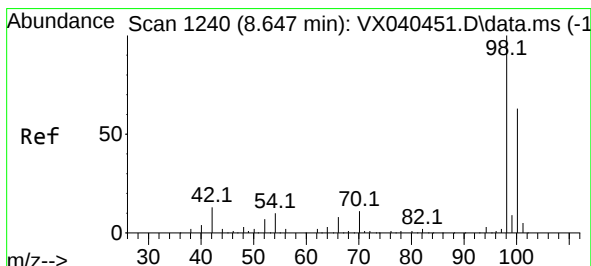
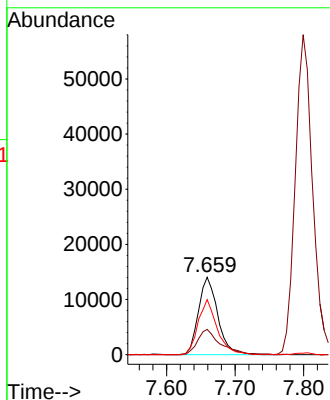
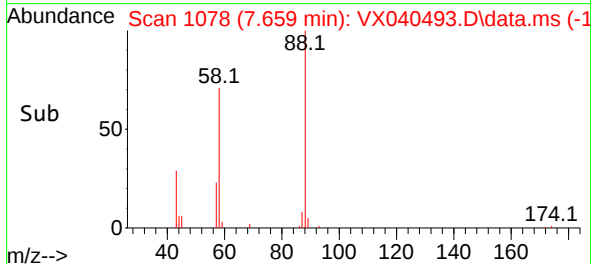
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 88 Resp: 27528
Ion Ratio Lower Upper
88 100
43 38.0 0.0 0.0
58 69.9 60.1 90.1

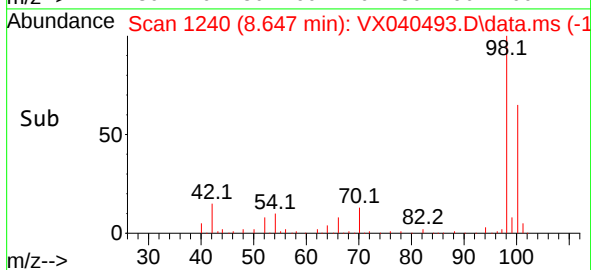
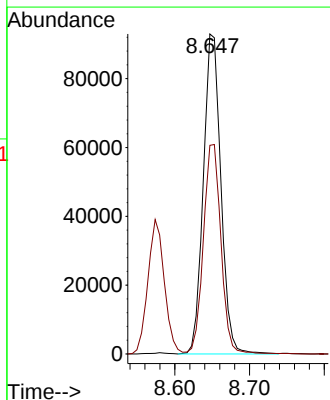
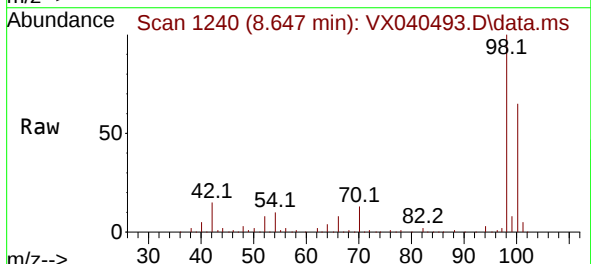
Manual Integrations
APPROVED

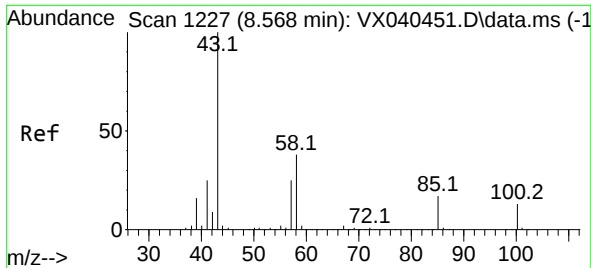
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#50
Toluene-d8
Concen: 43.854 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

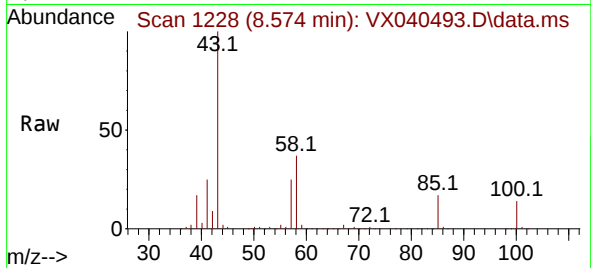
Tgt Ion: 98 Resp: 151752
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 261.105 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

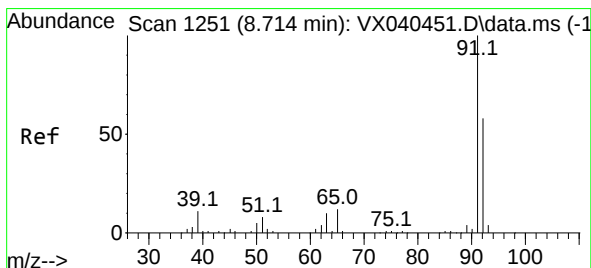
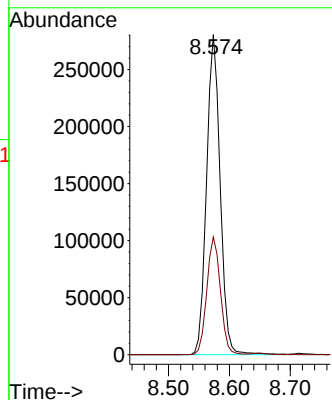
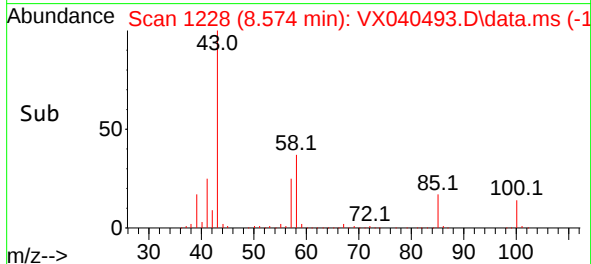
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



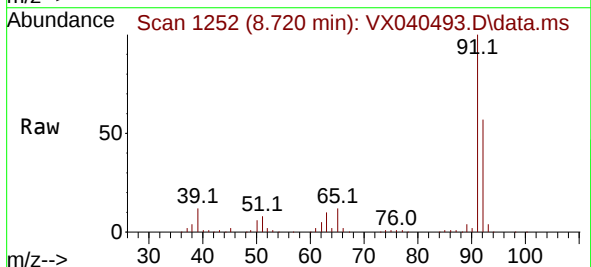
Tgt Ion: 43 Resp: 43541
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

Manual Integrations
APPROVED

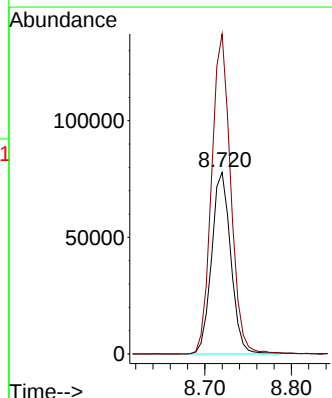
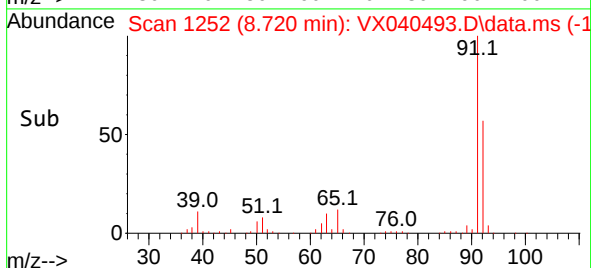
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

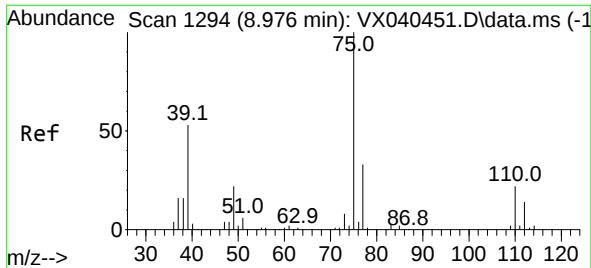


#52
Toluene
Concen: 49.122 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



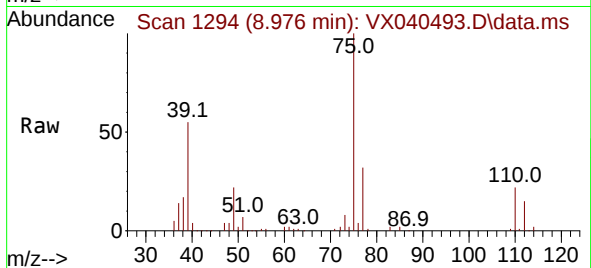
Tgt Ion: 92 Resp: 119878
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 48.092 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

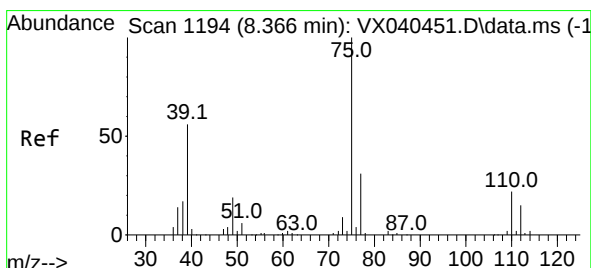
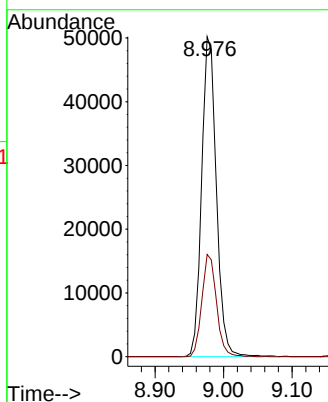
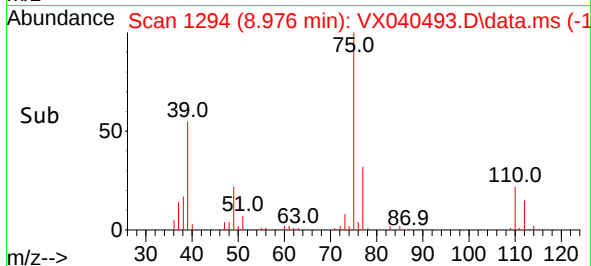
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 75 Resp: 7518
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

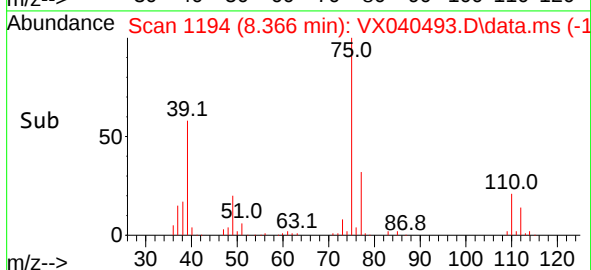
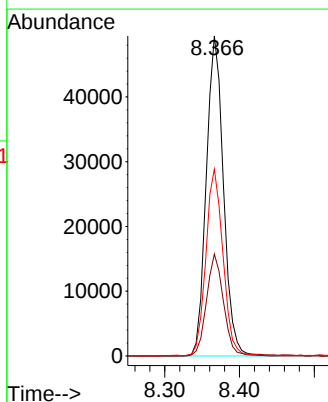
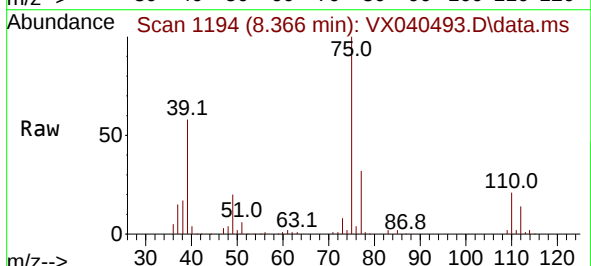
Manual Integrations
APPROVED

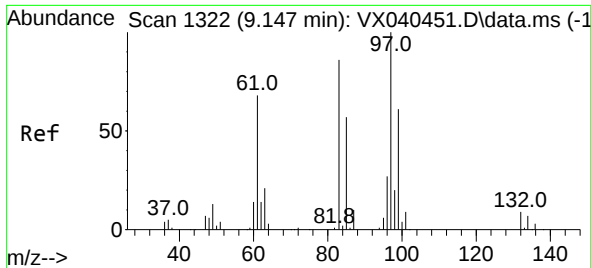
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#54
cis-1,3-Dichloropropene
Concen: 46.959 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

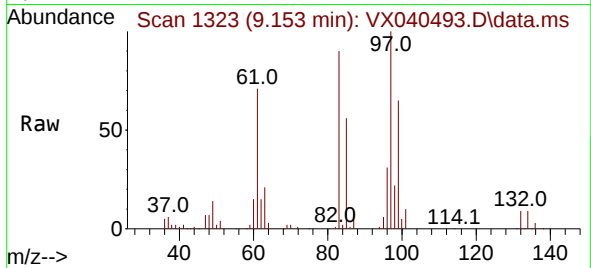
Tgt Ion: 75 Resp: 78914
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 58.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.626 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

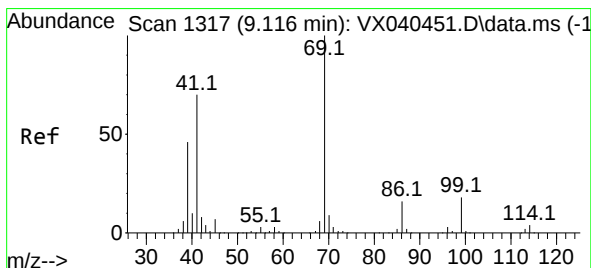
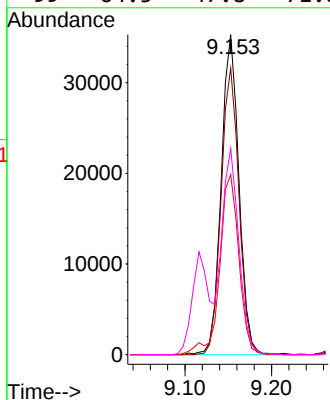
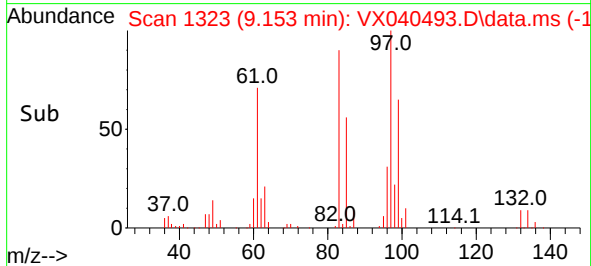
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



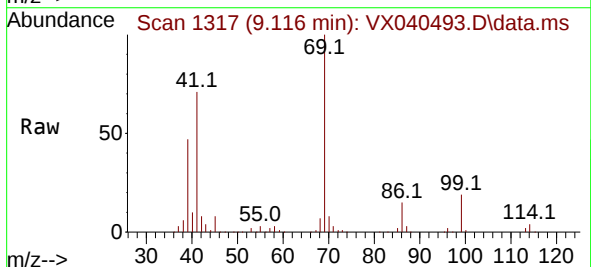
Tgt Ion: 97 Resp: 50260
Ion Ratio Lower Upper
97 100
83 89.5 65.8 98.8
85 56.3 41.6 62.4
99 64.5 47.8 71.8

Manual Integrations
APPROVED

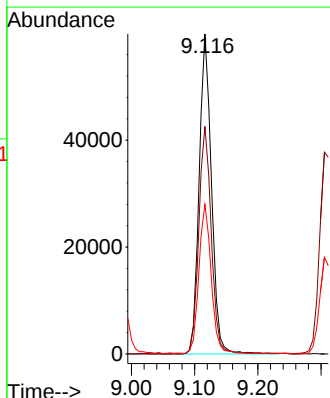
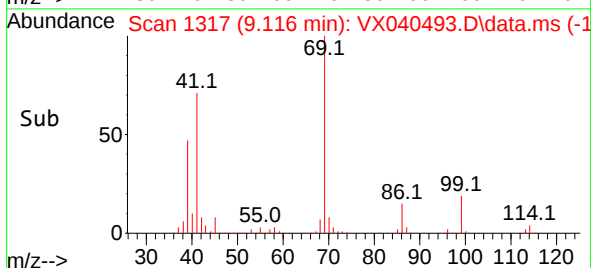
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

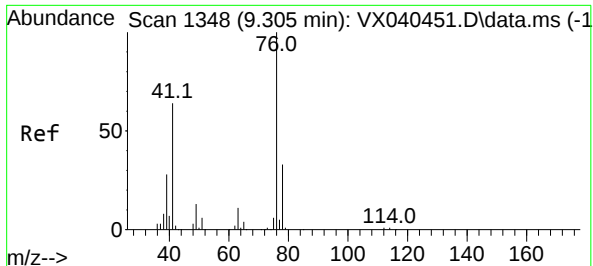


#56
Ethyl methacrylate
Concen: 51.976 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



Tgt Ion: 69 Resp: 81388
Ion Ratio Lower Upper
69 100
41 72.5 56.8 85.2
39 46.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.598 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion: 76 Resp: 8749

Ion Ratio Lower Upper

76 100

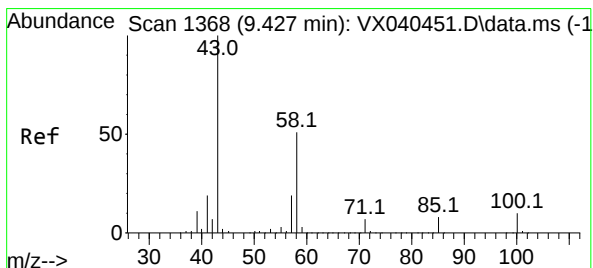
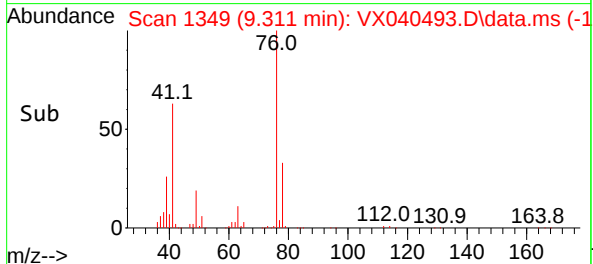
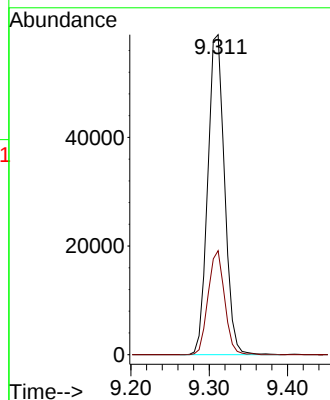
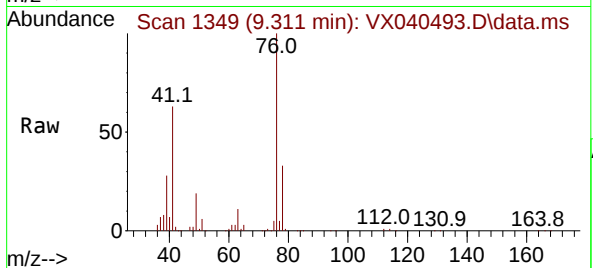
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#59

2-Hexanone

Concen: 268.948 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX040493.D

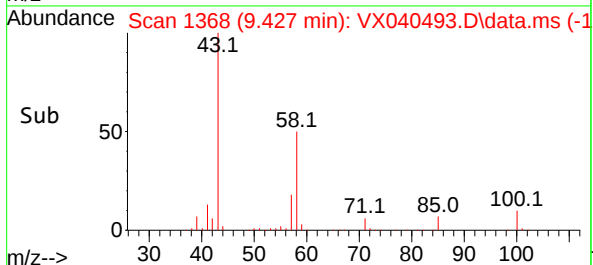
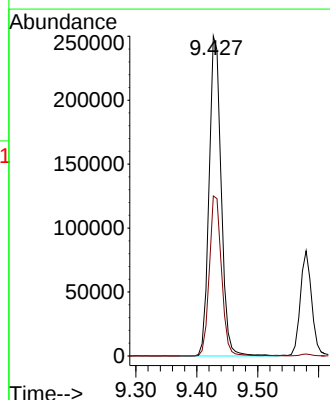
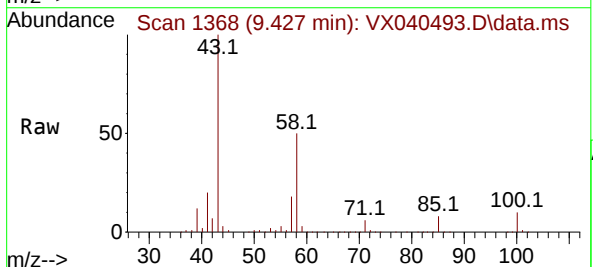
Acq: 27 Feb 2024 16:36

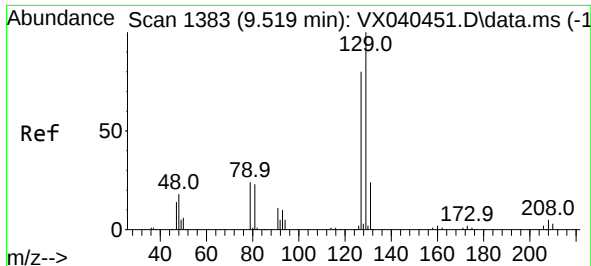
Tgt Ion: 43 Resp: 344819

Ion Ratio Lower Upper

43 100

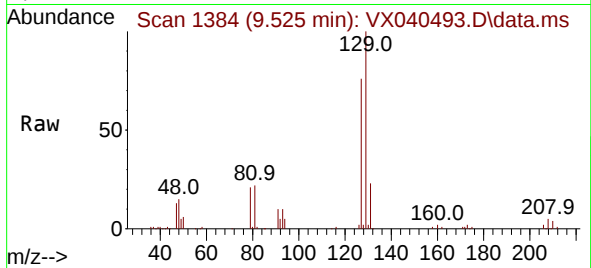
58 50.4 26.2 78.5





#60
Dibromochloromethane
Concen: 49.537 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

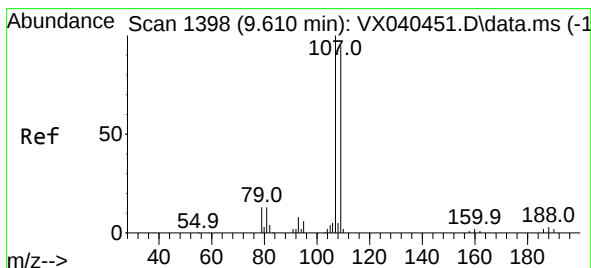
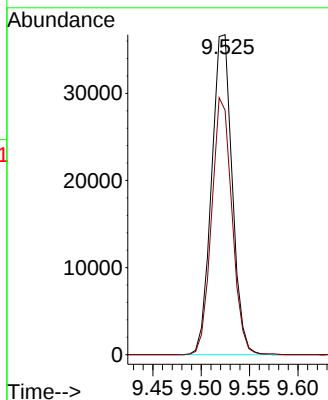
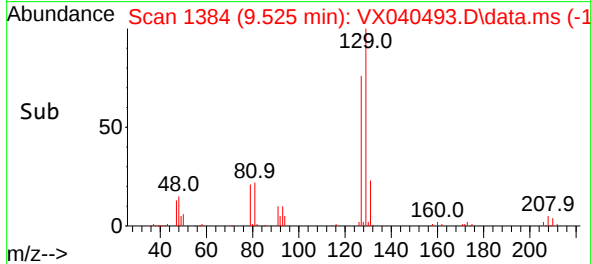
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:129 Resp: 54492
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4

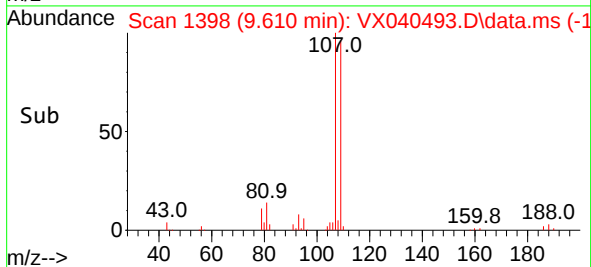
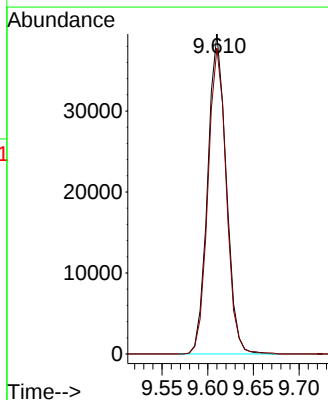
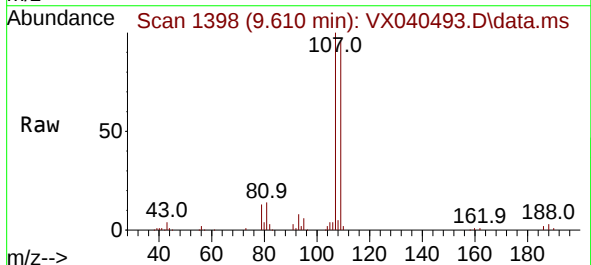
Manual Integrations
APPROVED

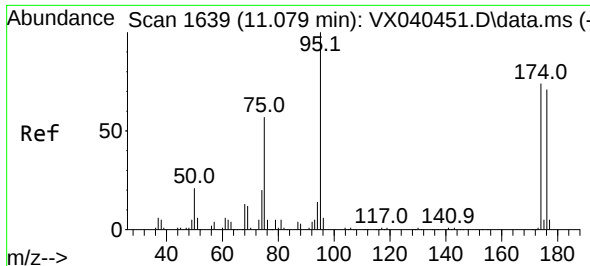
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#61
1,2-Dibromoethane
Concen: 50.225 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

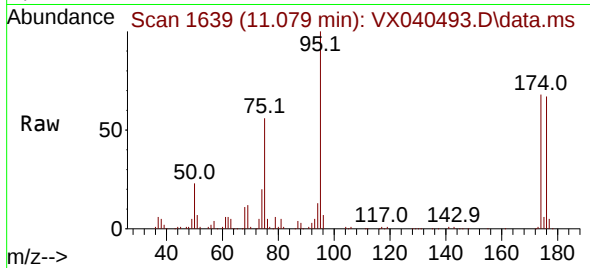
Tgt Ion:107 Resp: 55506
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 46.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

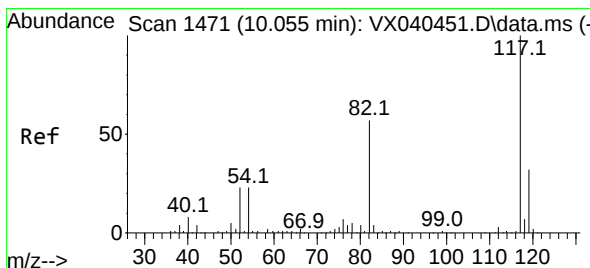
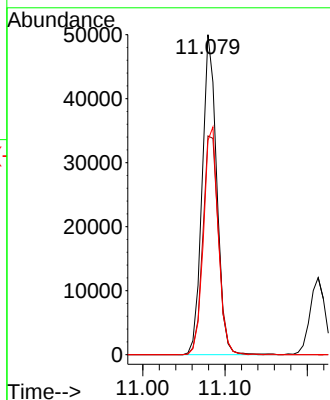
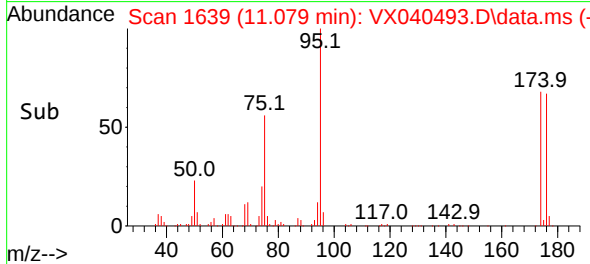
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



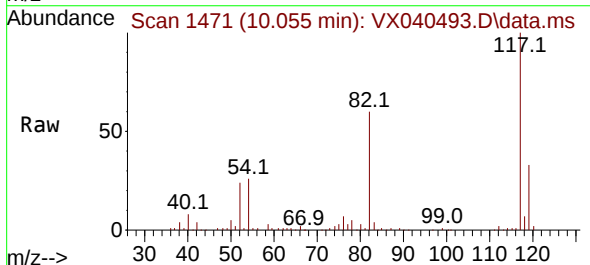
Tgt Ion: 95 Resp: 6148
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.9 0.0 131.0

Manual Integrations
APPROVED

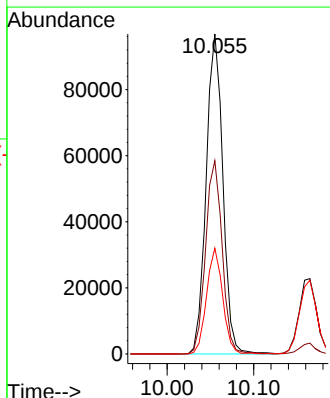
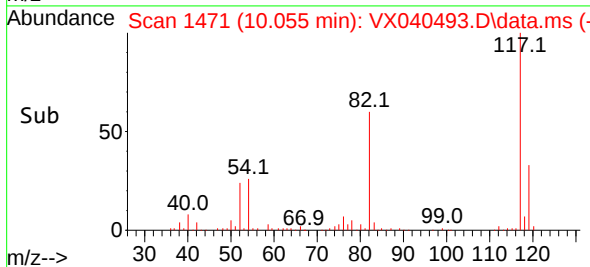
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

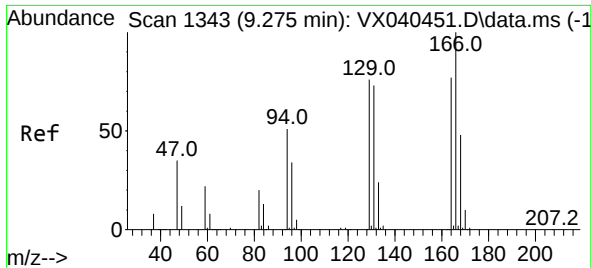


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



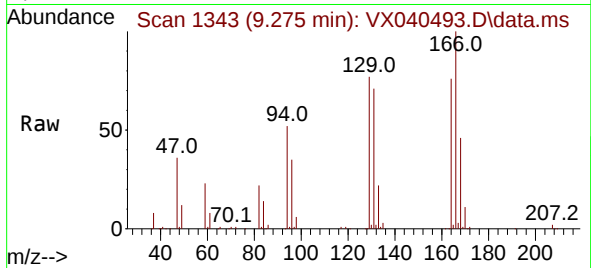
Tgt Ion:117 Resp: 129604
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 33.0 25.5 38.3





#64
Tetrachloroethene
Concen: 46.175 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

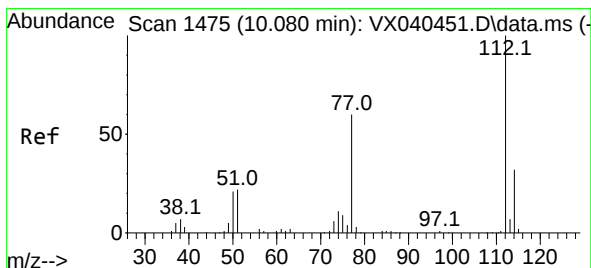
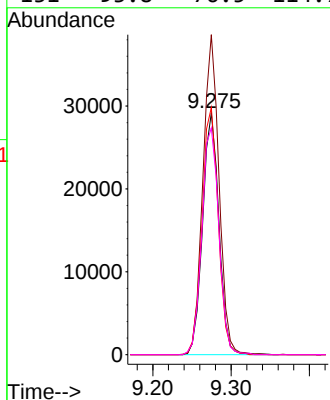
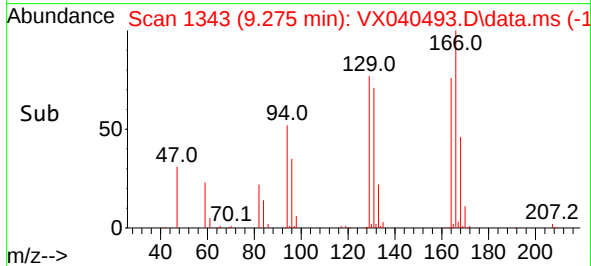
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:164 Resp: 42014
Ion Ratio Lower Upper
164 100
166 132.4 102.7 154.1
129 102.2 80.4 120.6
131 93.8 76.5 114.7

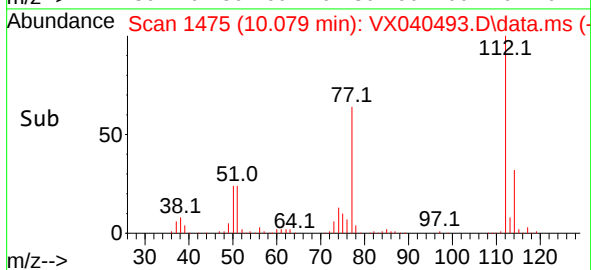
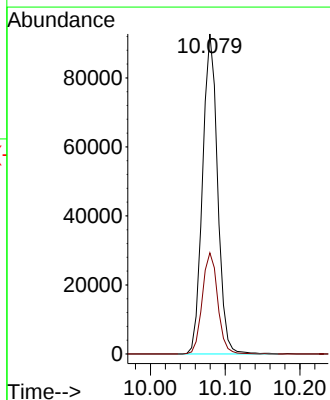
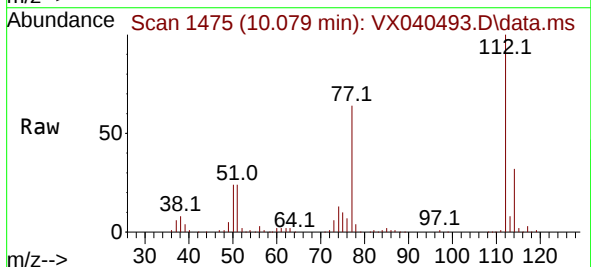
Manual Integrations
APPROVED

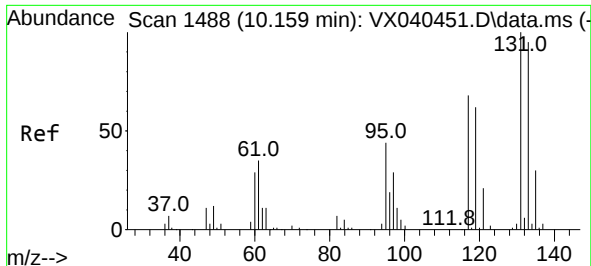
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#65
Chlorobenzene
Concen: 46.981 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion:112 Resp: 129514
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5





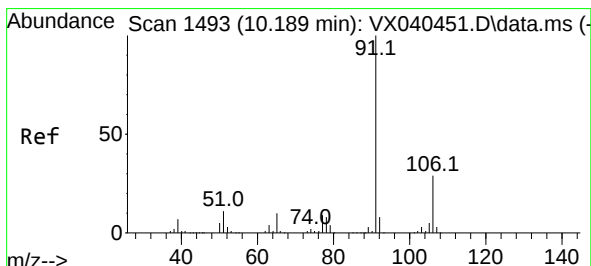
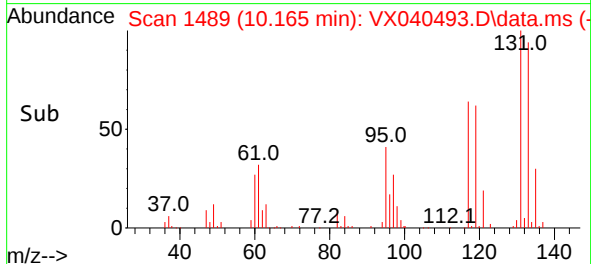
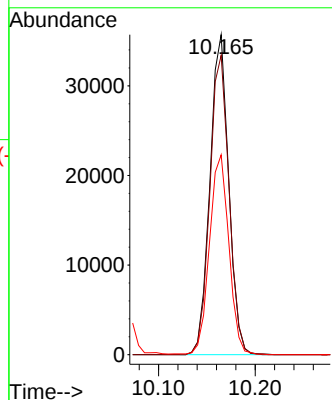
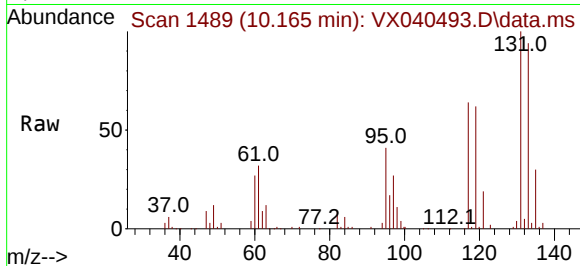
#66
1,1,1,2-Tetrachloroethane
Concen: 49.651 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion:131 Resp: 48230
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 64.7 32.2 96.6

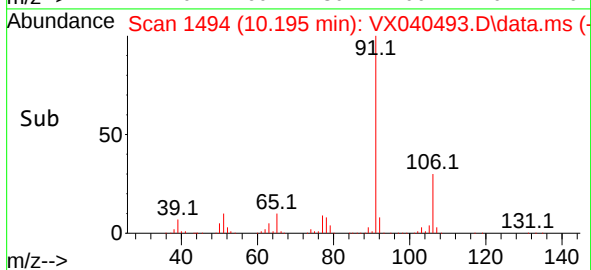
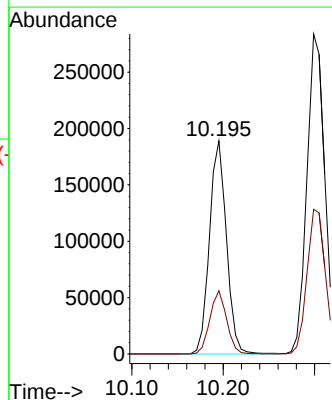
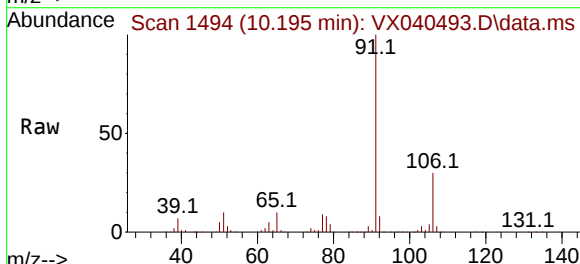
Manual Integrations
APPROVED

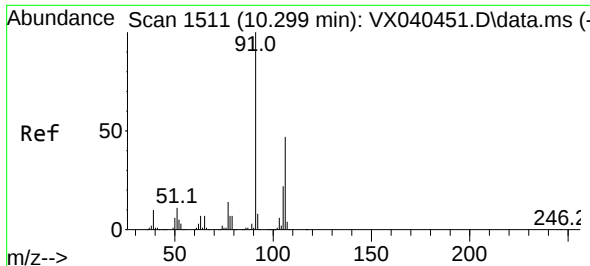
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#67
Ethyl Benzene
Concen: 48.252 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

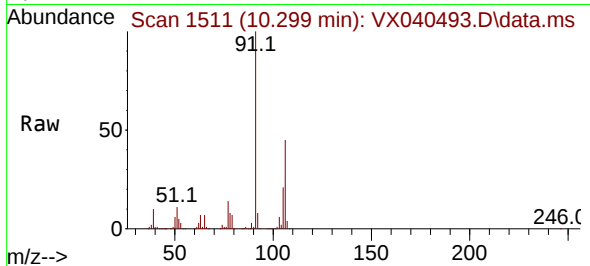
Tgt Ion: 91 Resp: 243491
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3





#68
m/p-Xylenes
Concen: 95.699 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

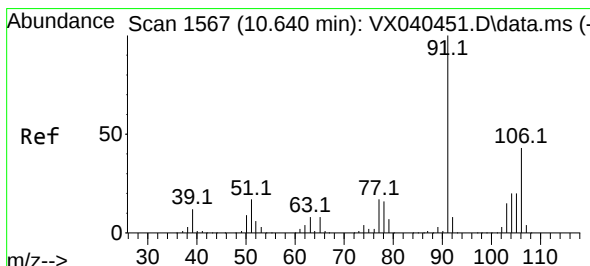
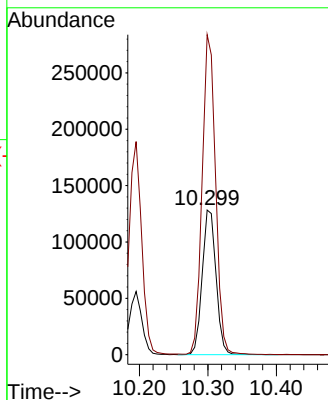
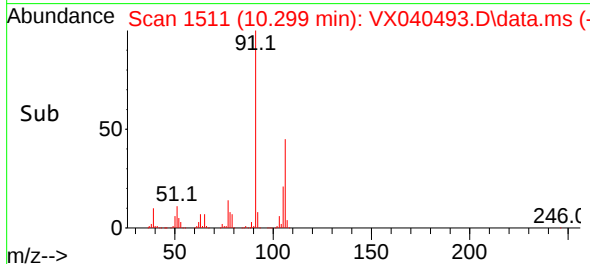
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:106 Resp: 18033
Ion Ratio Lower Upper
106 100
91 215.7 165.5 248.3

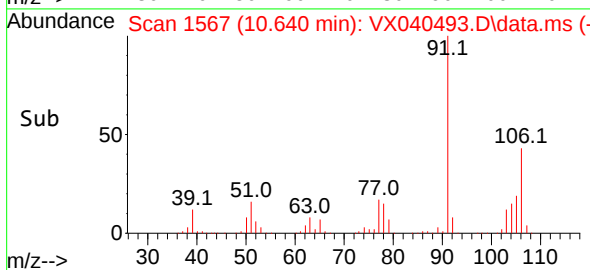
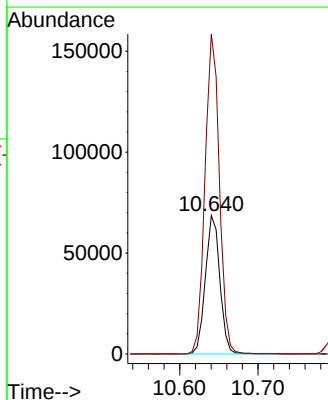
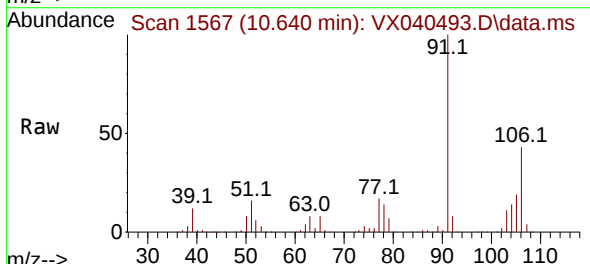
Manual Integrations
APPROVED

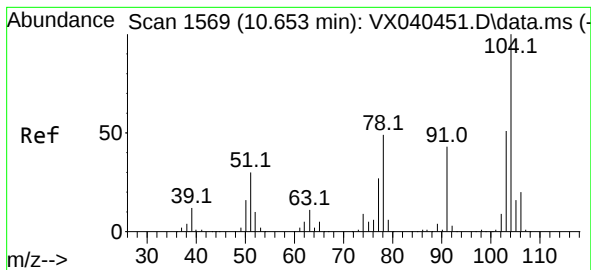
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#69
o-Xylene
Concen: 48.611 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion:106 Resp: 87610
Ion Ratio Lower Upper
106 100
91 229.7 108.9 326.8





#70

Styrene

Concen: 48.897 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

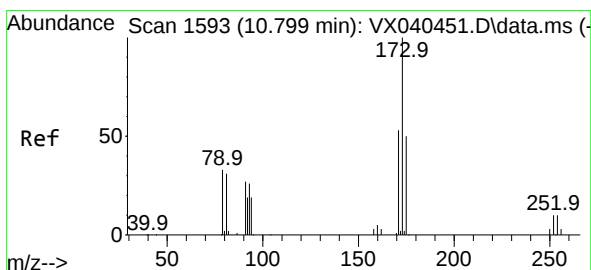
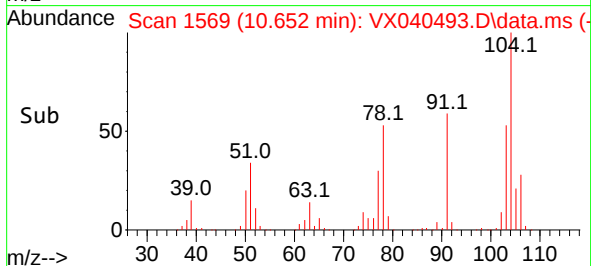
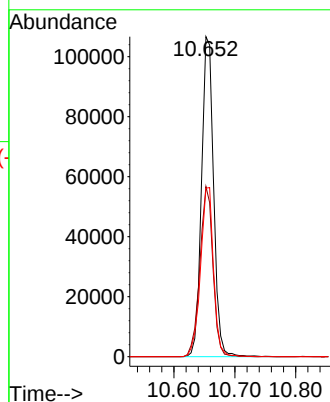
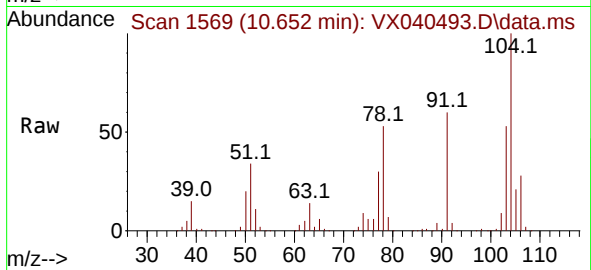
Tgt Ion:104	Resp:	146908
Ion Ratio	Lower	Upper
104	100	
78	57.5	43.6 65.4
103	57.0	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#71

Bromoform

Concen: 51.136 ug/l

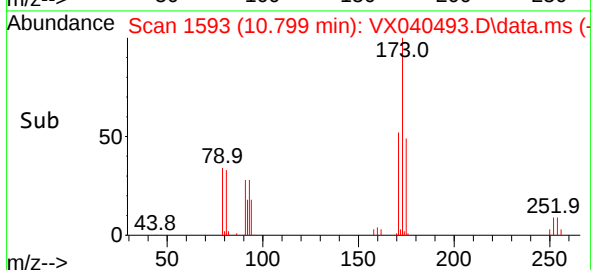
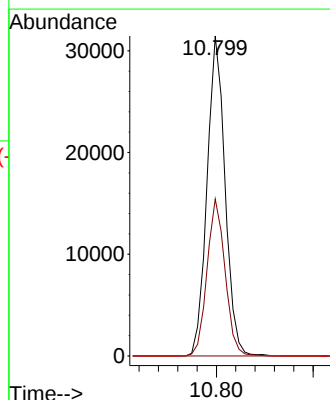
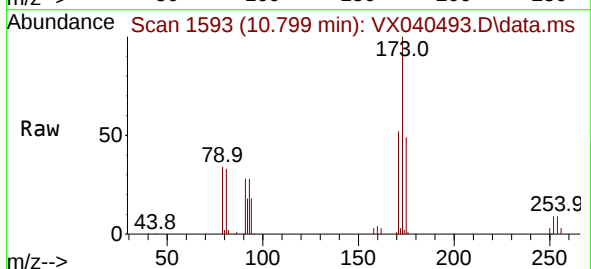
RT: 10.799 min Scan# 1593

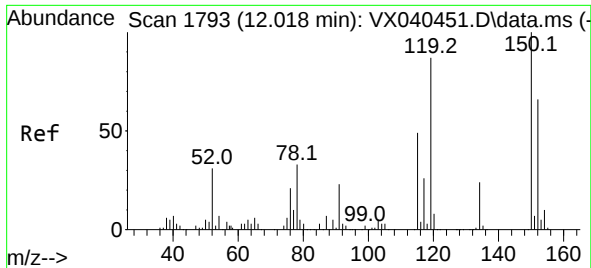
Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

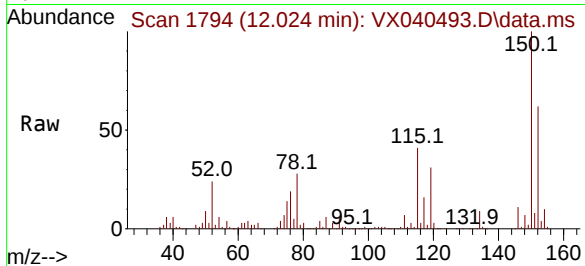
Tgt Ion:173	Resp:	40666
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.1 72.4
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

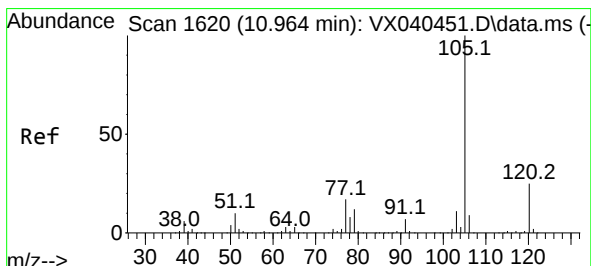
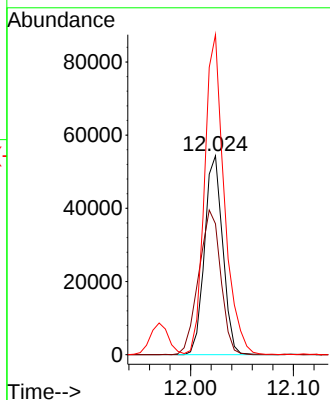
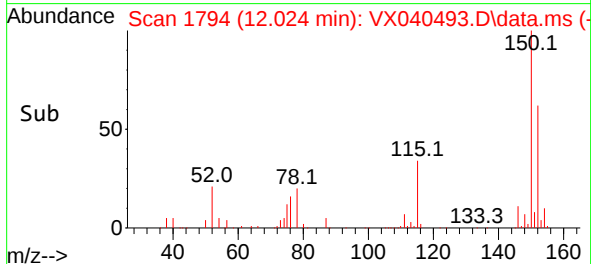
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



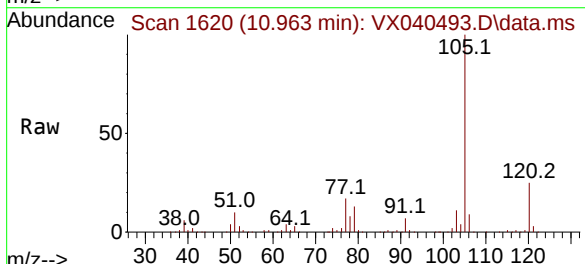
Tgt Ion:152 Resp: 6675
Ion Ratio Lower Upper
152 100
115 88.1 43.3 129.9
150 174.3 0.0 345.0

Manual Integrations
APPROVED

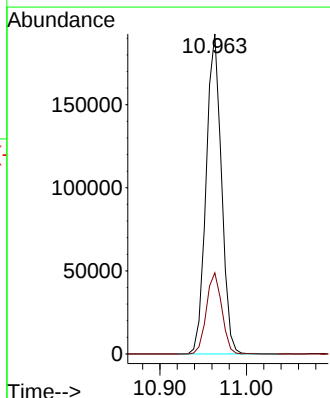
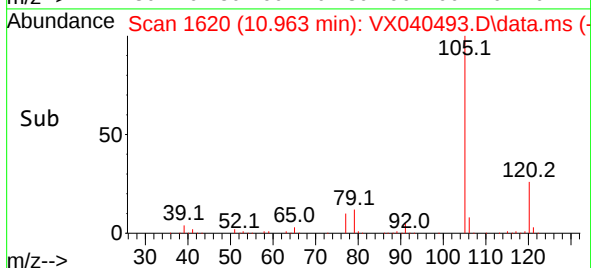
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

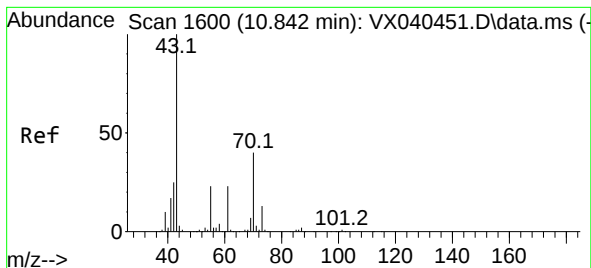


#73
Isopropylbenzene
Concen: 48.117 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



Tgt Ion:105 Resp: 236563
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6





#74

N-amy1 acetate

Concen: 47.983 ug/l

RT: 10.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040493.D

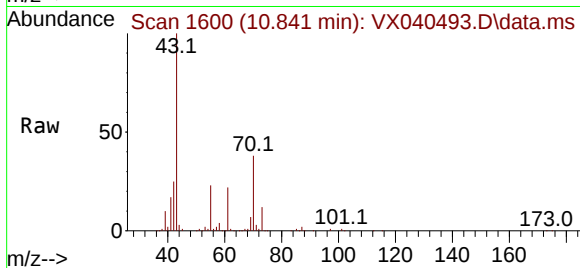
Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD



Tgt Ion: 43 Resp: 109562

Ion Ratio Lower Upper

43 100

70 38.0 32.9 49.3

55 23.0 19.3 28.9

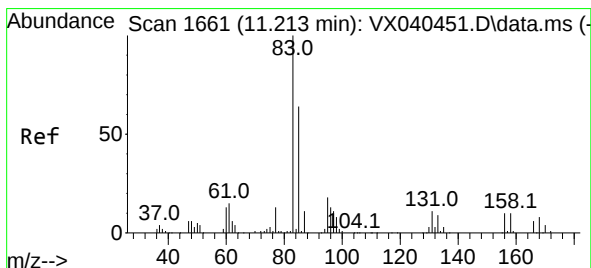
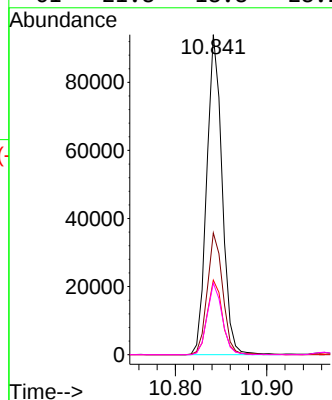
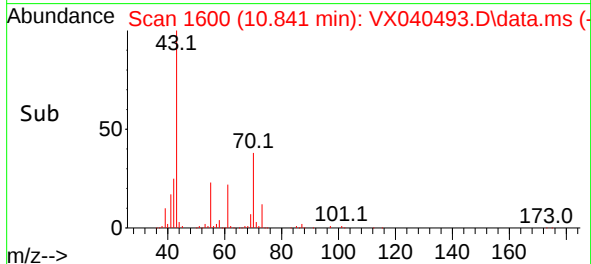
61 21.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 48.350 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

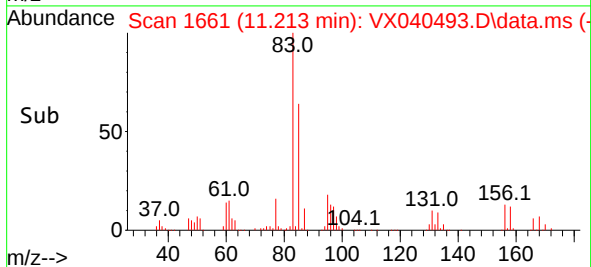
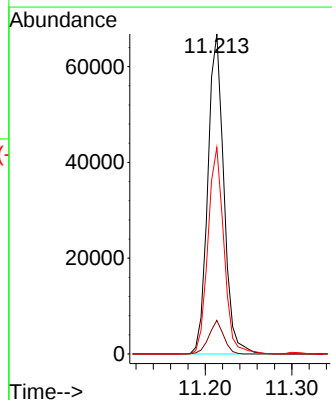
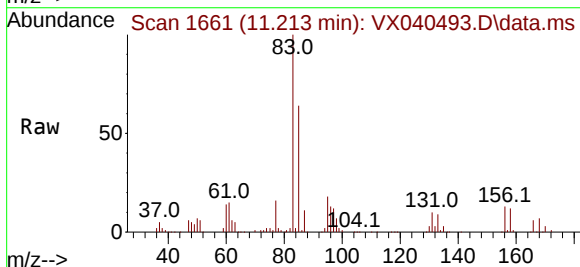
Tgt Ion: 83 Resp: 85965

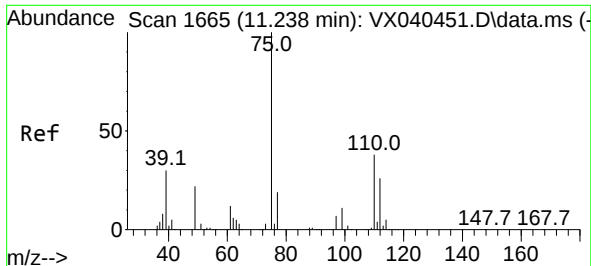
Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

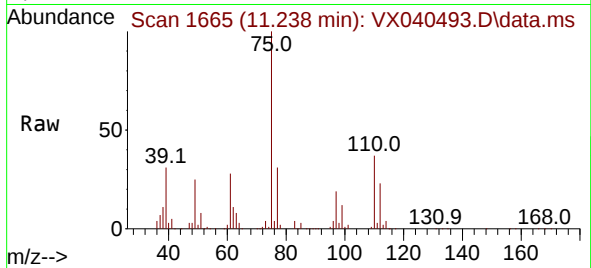
85 64.3 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 48.464 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

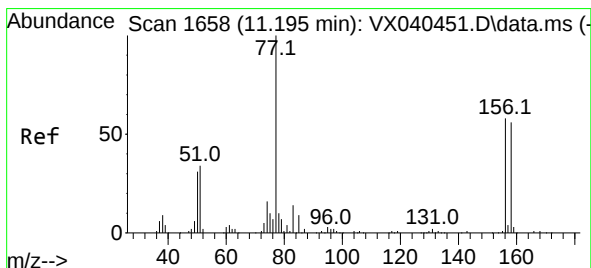
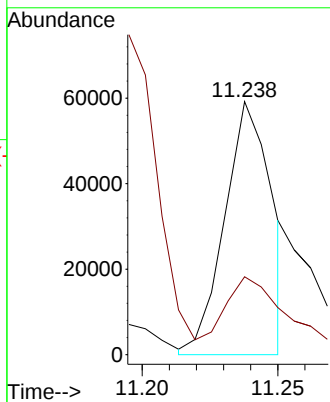
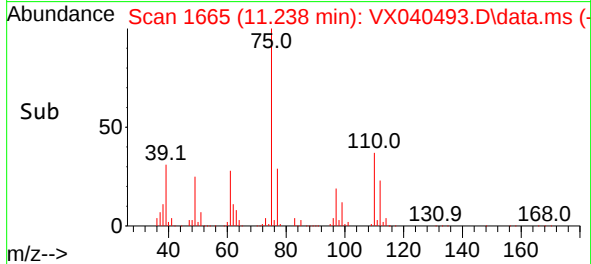
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



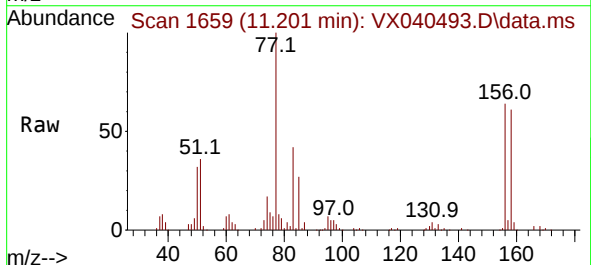
Tgt Ion: 75 Resp: 71204
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5

Manual Integrations
APPROVED

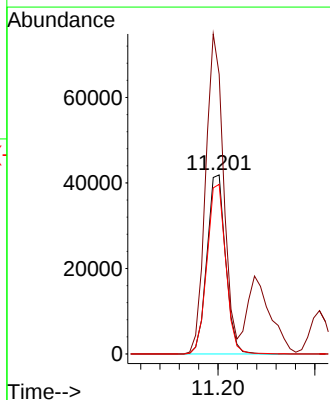
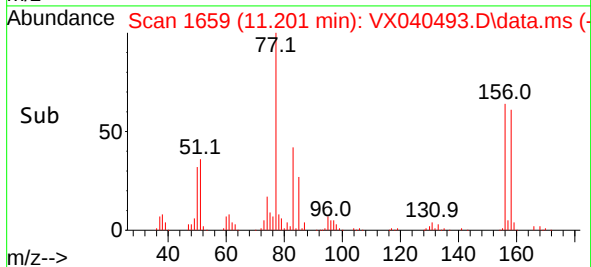
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

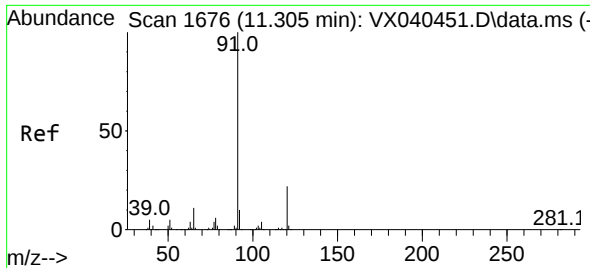


#77
Bromobenzene
Concen: 48.187 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



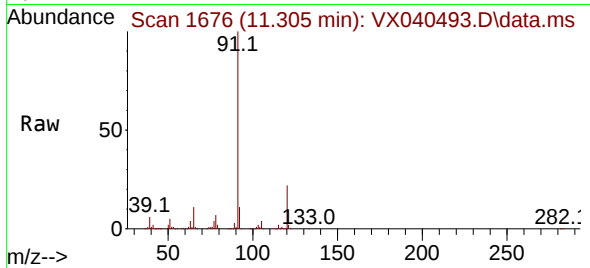
Tgt Ion:156 Resp: 56016
Ion Ratio Lower Upper
156 100
77 172.0 88.4 265.3
158 95.4 48.0 144.0





#78
n-propylbenzene
Concen: 47.768 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

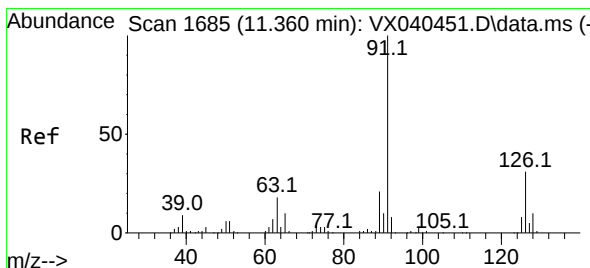
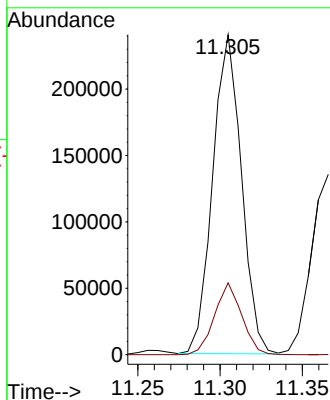
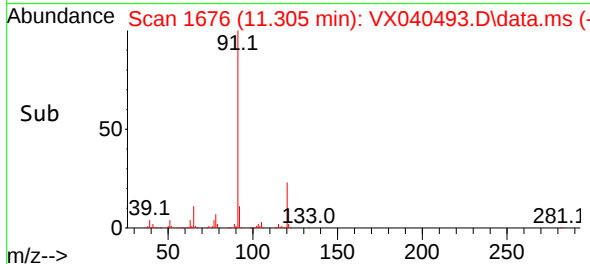
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



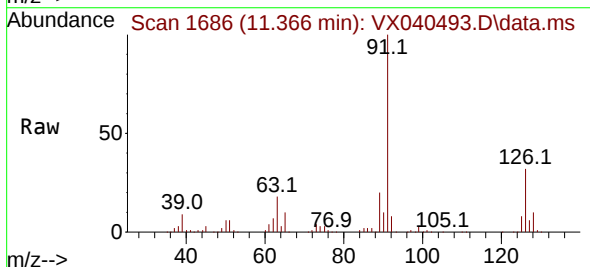
Tgt Ion: 91 Resp: 291298
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4

Manual Integrations
APPROVED

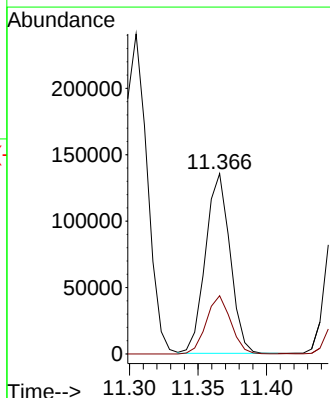
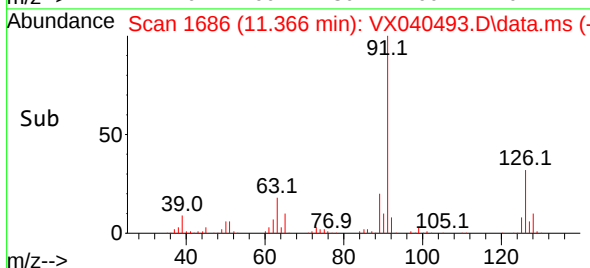
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

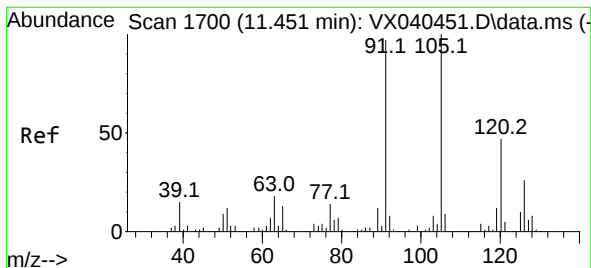


#79
2-Chlorotoluene
Concen: 46.056 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



Tgt Ion: 91 Resp: 169074
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 48.368 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion:105 Resp: 20223

Ion Ratio Lower Upper

105 100

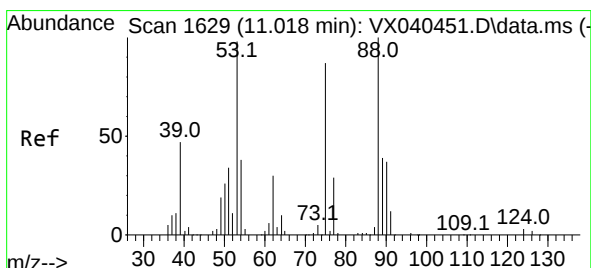
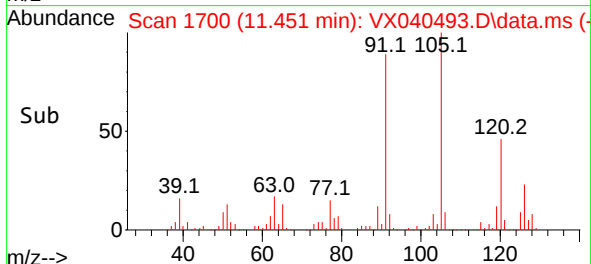
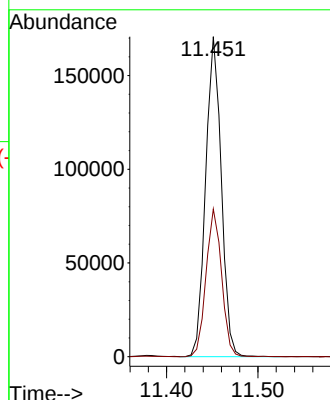
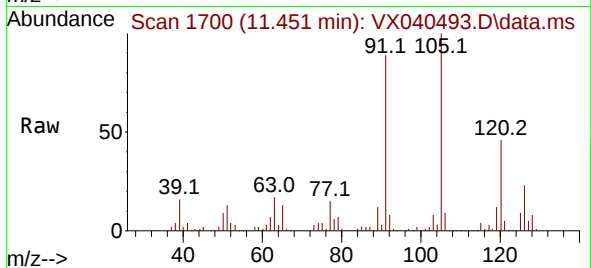
120 46.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 44.426 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

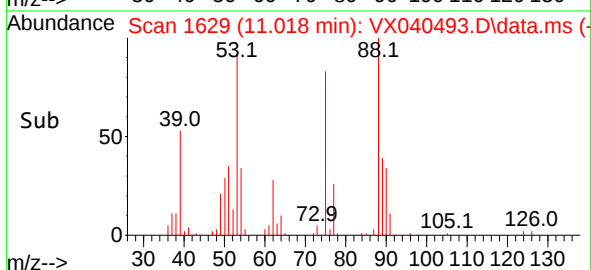
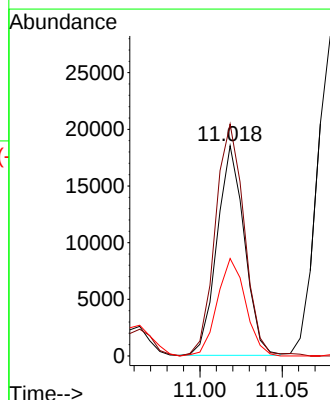
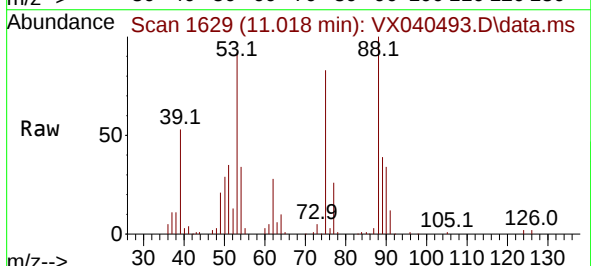
Tgt Ion: 75 Resp: 21405

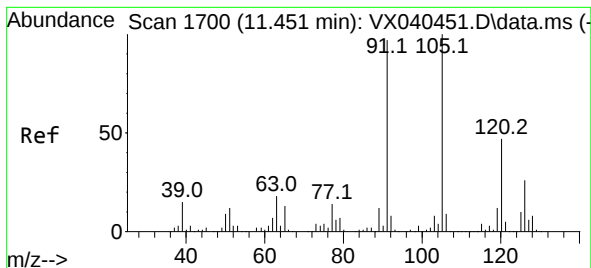
Ion Ratio Lower Upper

75 100

53 117.4 90.5 135.7

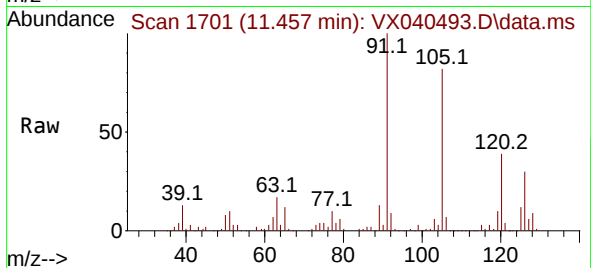
89 48.0 36.9 55.3





#82
4-Chlorotoluene
Concen: 47.460 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

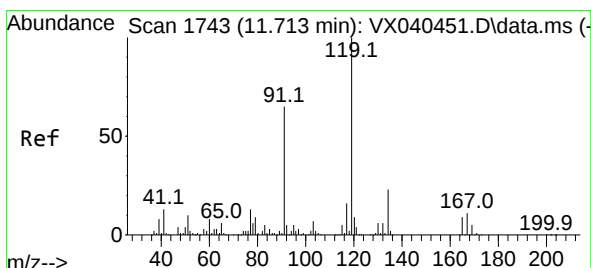
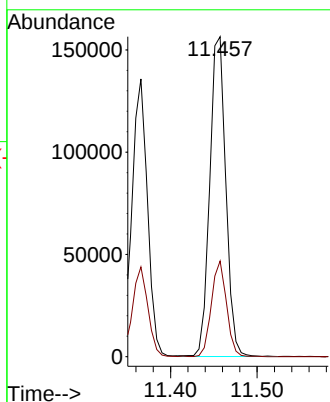
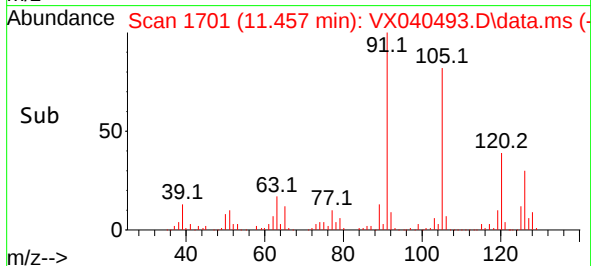
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



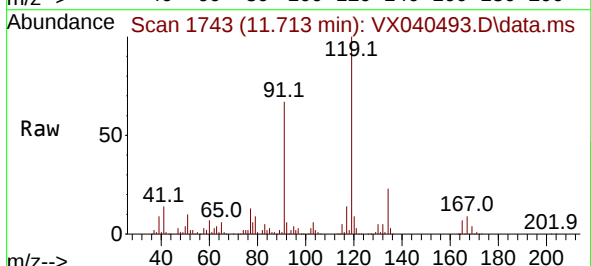
Tgt Ion: 91 Resp: 201479
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6

Manual Integrations
APPROVED

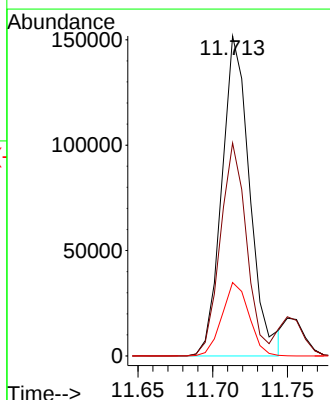
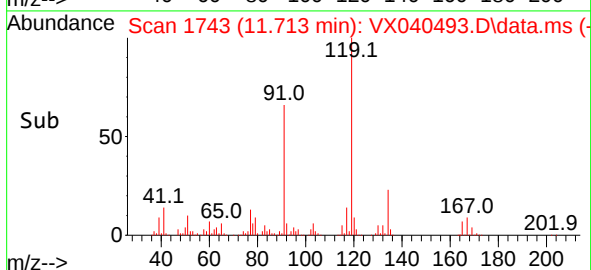
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

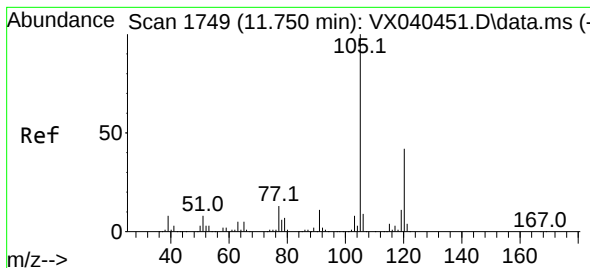


#83
tert-Butylbenzene
Concen: 49.933 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



Tgt Ion:119 Resp: 196833
Ion Ratio Lower Upper
119 100
91 62.9 31.2 93.6
134 22.3 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 48.708 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion:105 Resp: 20206

Ion Ratio Lower Upper

105 100

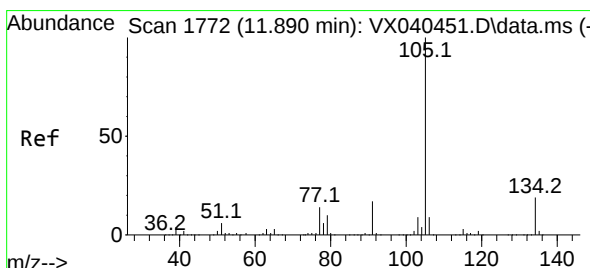
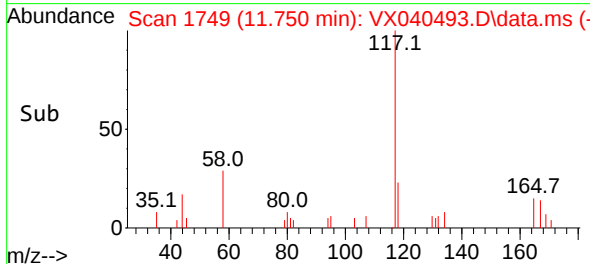
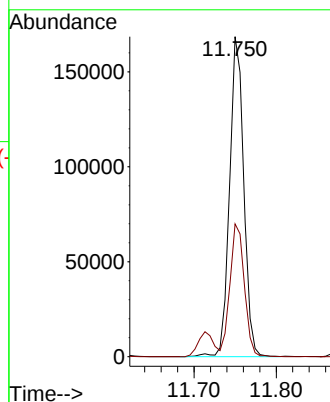
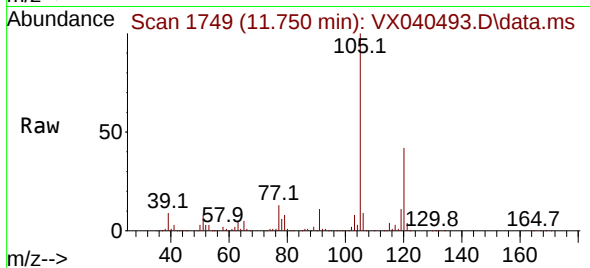
120 42.1 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#85

sec-Butylbenzene

Concen: 48.387 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040493.D

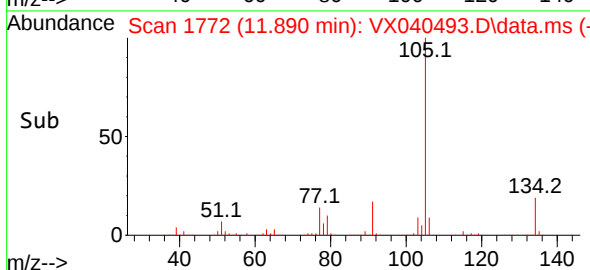
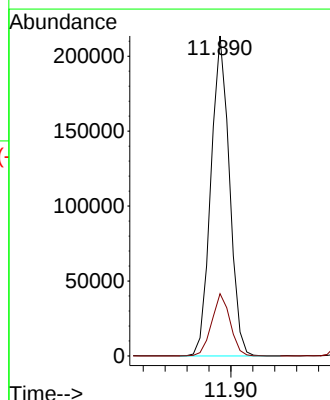
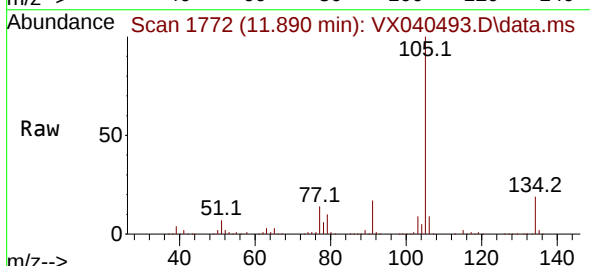
Acq: 27 Feb 2024 16:36

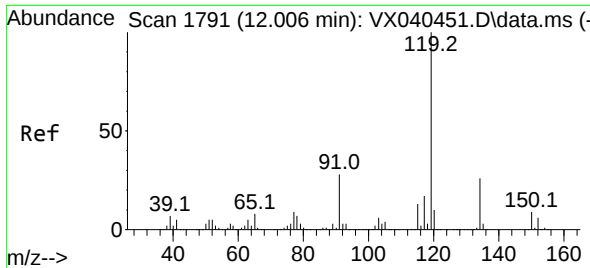
Tgt Ion:105 Resp: 250576

Ion Ratio Lower Upper

105 100

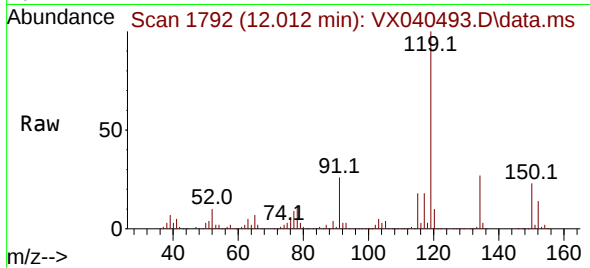
134 19.4 9.8 29.4





#86
p-Isopropyltoluene
Concen: 48.111 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

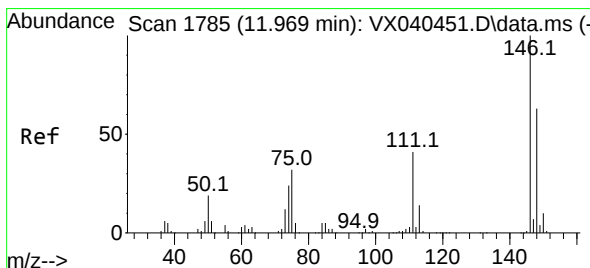
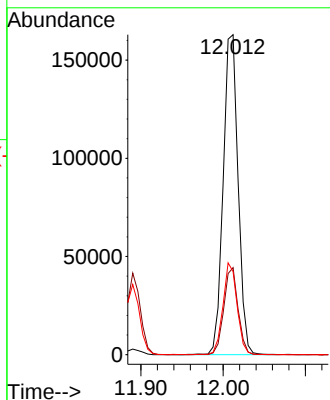
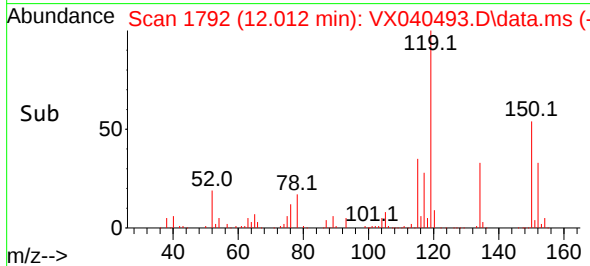
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:119 Resp: 20536
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 27.1 13.1 39.3

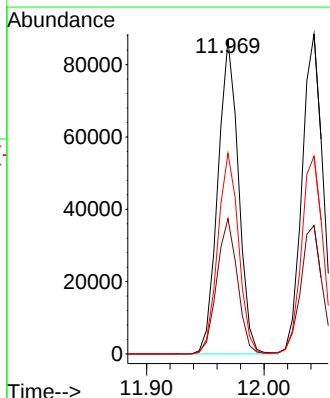
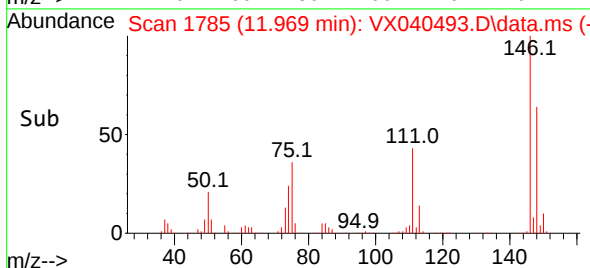
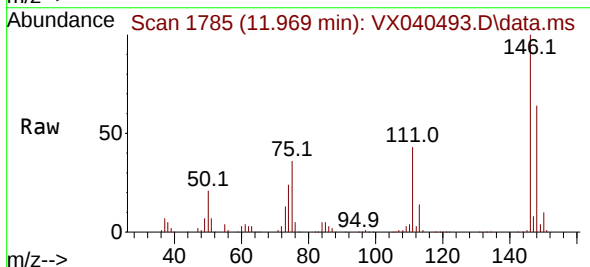
Manual Integrations
APPROVED

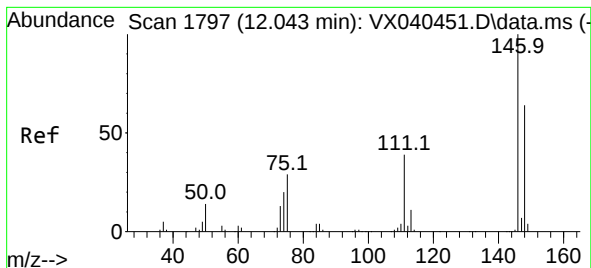
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#87
1,3-Dichlorobenzene
Concen: 45.748 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Tgt Ion:146 Resp: 106004
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 64.4 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 46.351 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

Tgt Ion:146 Resp: 109334

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

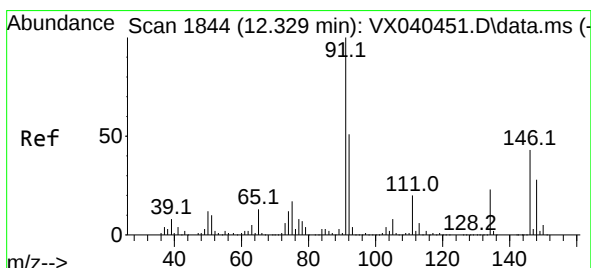
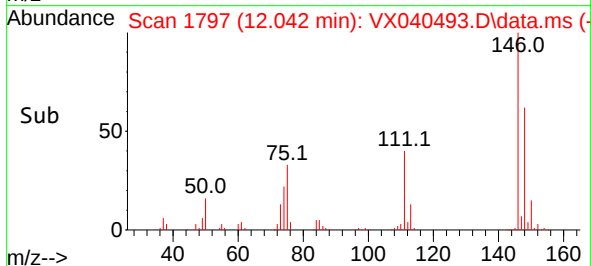
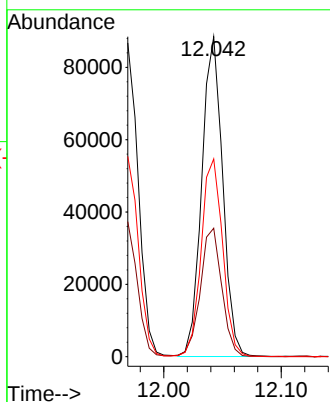
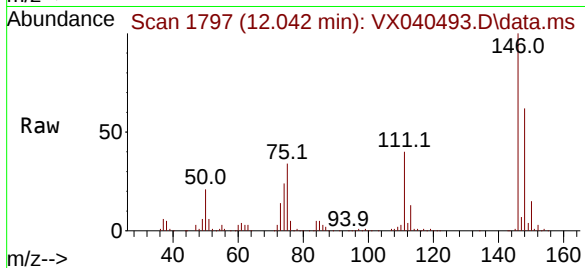
148 63.5 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#89

n-Butylbenzene

Concen: 46.884 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

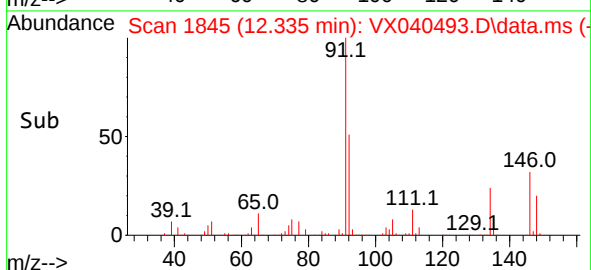
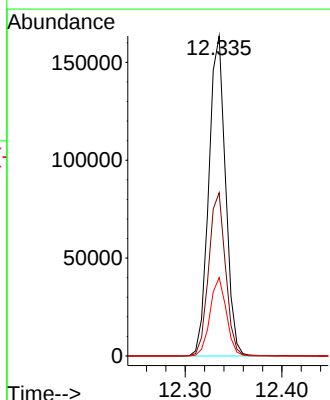
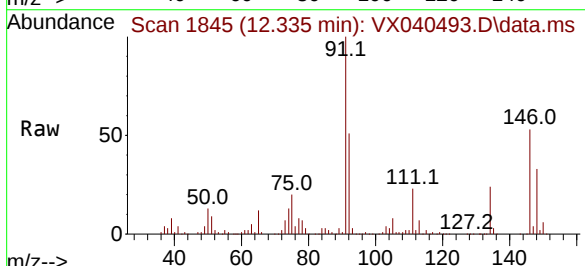
Tgt Ion: 91 Resp: 196894

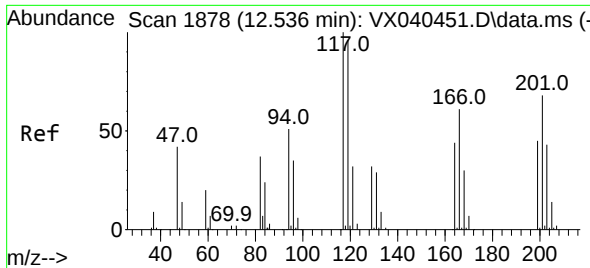
Ion Ratio Lower Upper

91 100

92 51.1 27.4 82.0

134 23.9 12.6 37.8





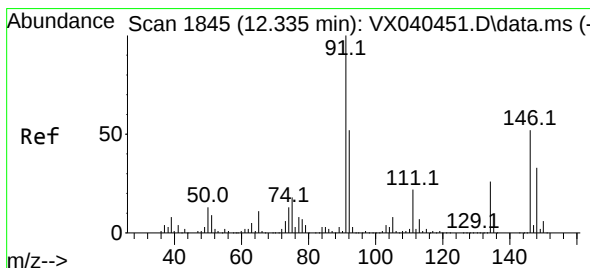
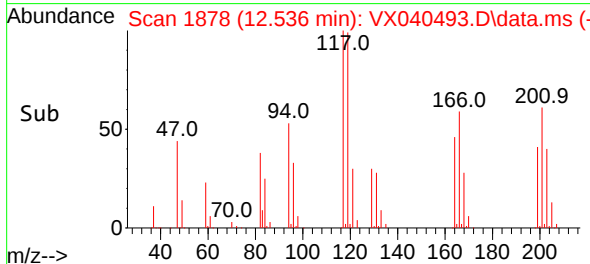
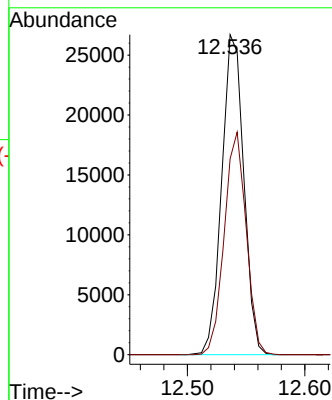
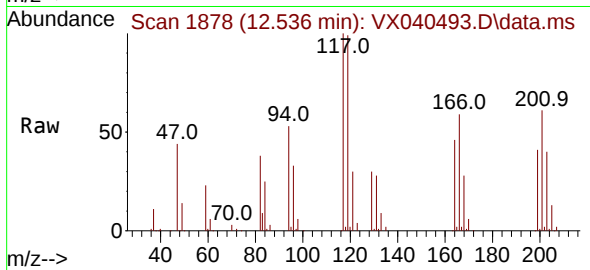
#90
Hexachloroethane
Concen: 48.978 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion:117 Resp: 34790
Ion Ratio Lower Upper
117 100
201 69.3 32.9 98.6

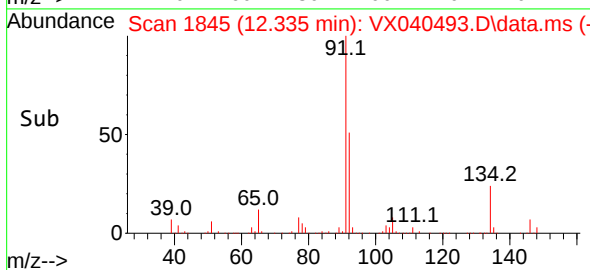
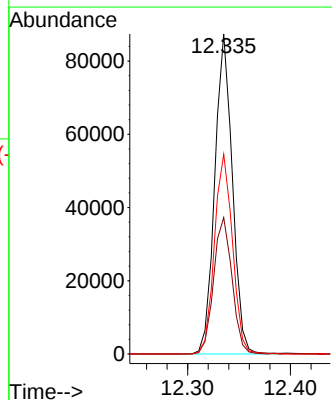
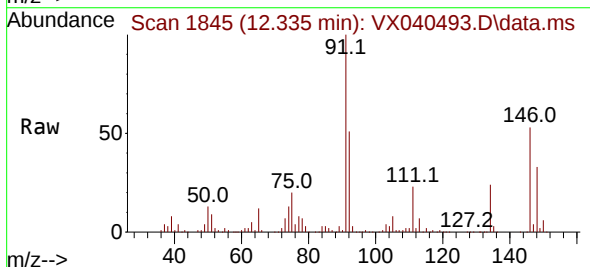
Manual Integrations
APPROVED

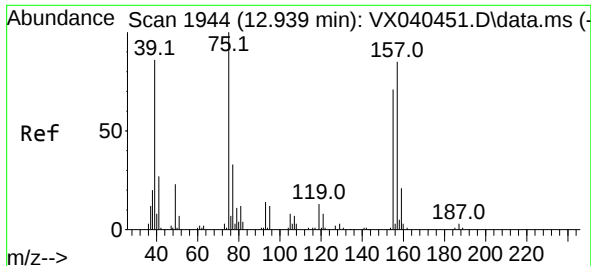
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#91
1,2-Dichlorobenzene
Concen: 46.940 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

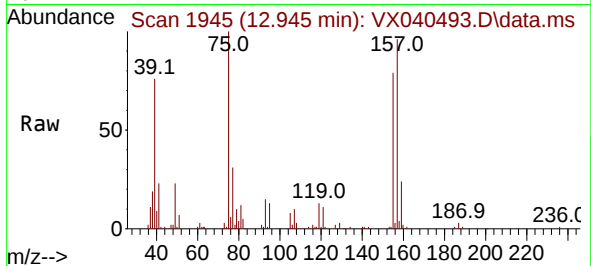
Tgt Ion:146 Resp: 103649
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 64.0 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 53.737 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36

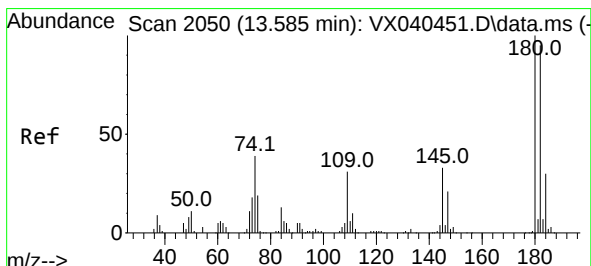
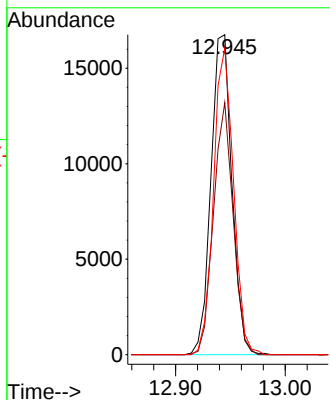
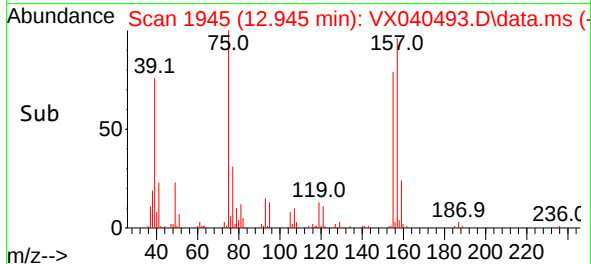
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD



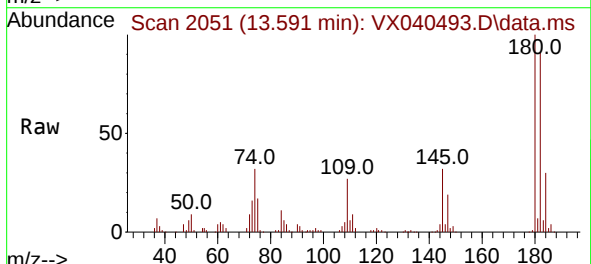
Tgt Ion: 75 Resp: 22274
Ion Ratio Lower Upper
75 100
155 73.7 36.1 108.5
157 91.4 44.9 134.7

Manual Integrations
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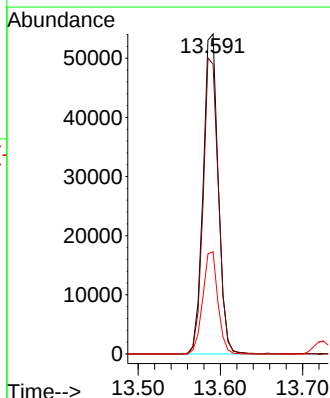
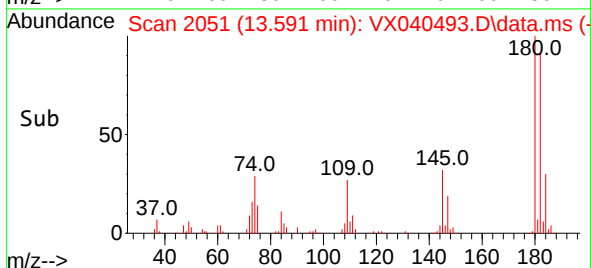
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

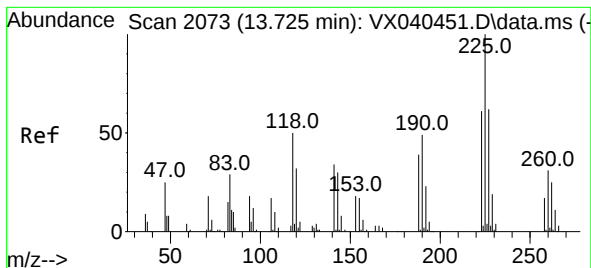


#93
1,2,4-Trichlorobenzene
Concen: 47.816 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040493.D
Acq: 27 Feb 2024 16:36



Tgt Ion:180 Resp: 68906
Ion Ratio Lower Upper
180 100
182 93.1 48.3 144.8
145 32.1 18.0 54.0





#94

Hexachlorobutadiene

Concen: 46.611 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MSD

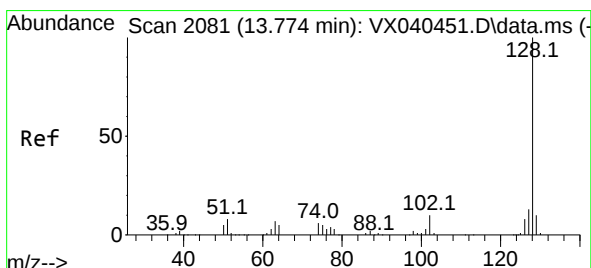
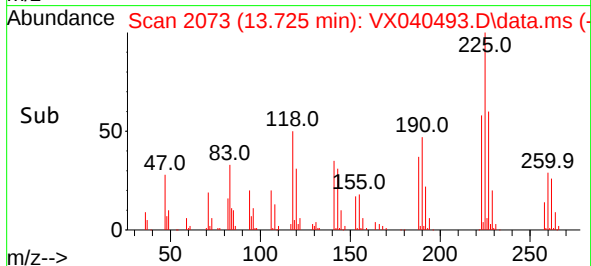
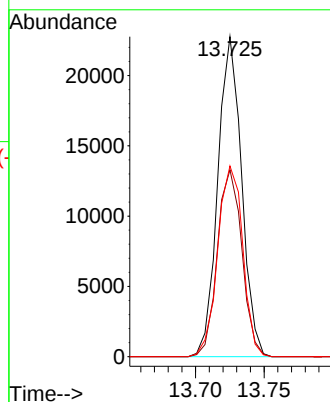
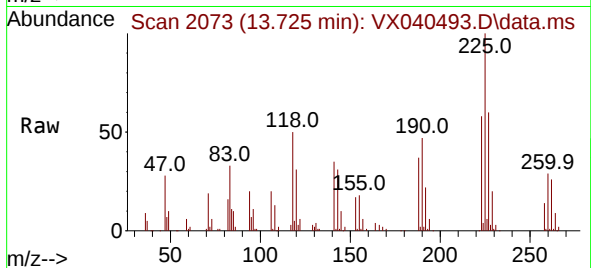
Tgt Ion:	225	Resp:	2745
Ion Ratio	Lower	Upper	
225	100		
223	60.3	31.1	93.2
227	62.6	32.5	97.5

Manual Integrations

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Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#95

Naphthalene

Concen: 50.569 ug/l

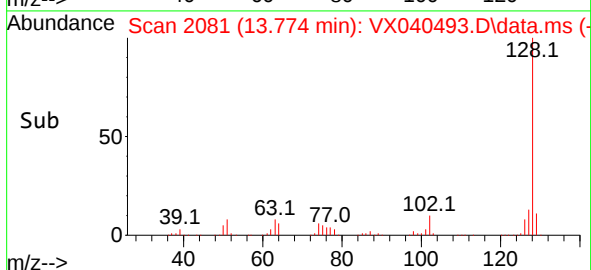
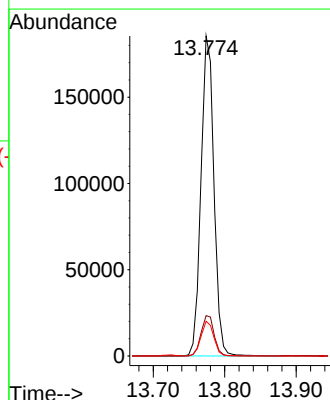
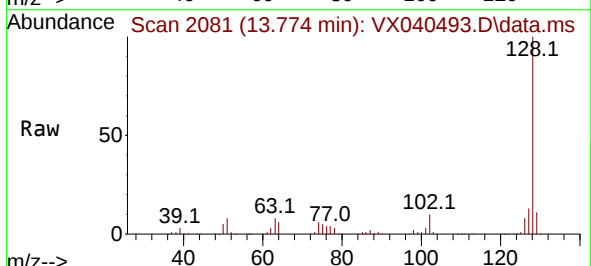
RT: 13.774 min Scan# 2081

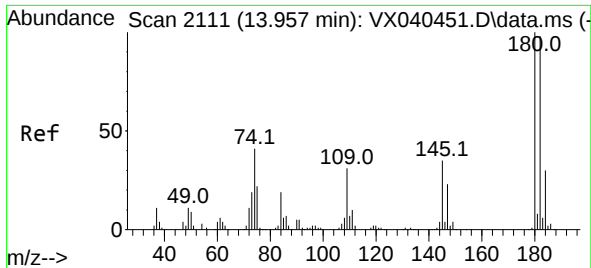
Delta R.T. -0.000 min

Lab File: VX040493.D

Acq: 27 Feb 2024 16:36

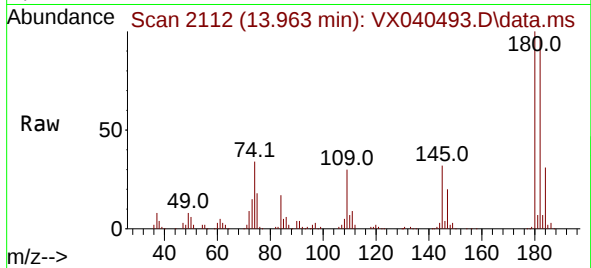
Tgt Ion:	128	Resp:	232875
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.484 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX040493.D
 Acq: 27 Feb 2024 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MSD



Tgt Ion:180 Resp: 67780
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.9 140.6
 145 33.6 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024

