

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040447.D
 Acq On : 26 Feb 2024 09:22
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:50:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	91579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1214	1.065	ug/l	91
3) Chloromethane	1.301	50	1247	1.103	ug/l	98
4) Vinyl Chloride	1.374	62	1400	1.145	ug/l #	68
6) Chloroethane	1.697	64	786m	1.016	ug/l	
7) Trichlorofluoromethane	1.892	101	2001	1.036	ug/l #	71
8) Diethyl Ether	2.136	74	721	1.068	ug/l	56
9) 1,1,2-Trichlorotrifluo...	2.331	101	1087	1.046	ug/l	97
12) 1,1-Dichloroethene	2.319	96	1245	1.193	ug/l	82
14) Allyl chloride	2.660	41	1878	1.029	ug/l	89
15) Acrylonitrile	3.062	53	3478	5.385	ug/l	98
16) Acetone	2.374	43	2513	5.031	ug/l #	72
17) Carbon Disulfide	2.514	76	3407	1.179	ug/l	99
18) Methyl Acetate	2.703	43	1690	1.097	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	3767	1.058	ug/l	94
20) Methylene Chloride	2.788	84	1374	1.149	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	1198	1.077	ug/l	96
22) Diisopropyl ether	3.751	45	3695	1.007	ug/l #	43
23) Vinyl Acetate	3.721	43	16339	4.863	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2325	1.087	ug/l #	87
25) 2-Butanone	4.556	43	4456	5.120	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	1868	1.097	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	1481	1.138	ug/l	86
28) Bromochloromethane	4.891	49	785	0.877	ug/l #	64
29) Tetrahydrofuran	5.013	42	3129m	5.154	ug/l	
30) Chloroform	5.093	83	2366	1.042	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	2015	1.040	ug/l #	50
36) 1,1-Dichloropropene	5.684	75	1897	1.113	ug/l	94
37) Ethyl Acetate	4.721	43	2041	1.095	ug/l #	73
38) Carbon Tetrachloride	5.678	117	1682	1.022	ug/l #	92
39) Methylcyclohexane	7.379	83	1736	0.944	ug/l	93
40) Benzene	6.037	78	4840	1.049	ug/l	92
41) Methacrylonitrile	4.934	41	1190	1.142	ug/l #	35
42) 1,2-Dichloroethane	6.092	62	1865	0.977	ug/l	88
43) Isopropyl Acetate	6.342	43	2941	1.005	ug/l #	87
44) Trichloroethene	7.135	130	1414	1.140	ug/l	71
45) 1,2-Dichloropropane	7.440	63	1272	1.030	ug/l #	77

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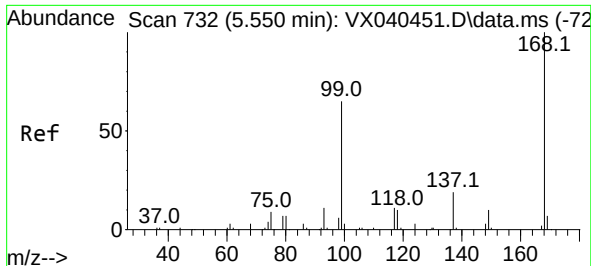
Quant Time: Feb 27 04:50:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
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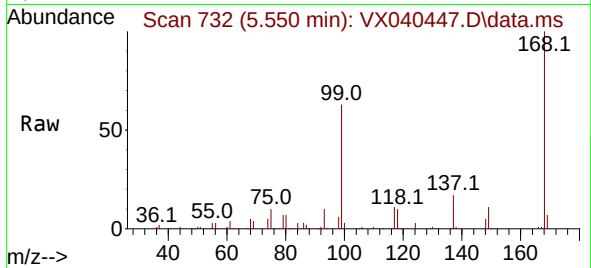
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	927	1.021	ug/l	94
47) Bromodichloromethane	7.824	83	1897	1.061	ug/l #	91
48) Methyl methacrylate	7.696	41	1286	0.879	ug/l #	85
49) 1,4-Dioxane	7.671	88	491	17.748	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	9190	4.750	ug/l	96
52) Toluene	8.720	92	2628	0.928	ug/l	81
53) t-1,3-Dichloropropene	8.982	75	1589	0.876	ug/l #	72
54) cis-1,3-Dichloropropene	8.372	75	1928	0.989	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	983	0.837	ug/l #	90
56) Ethyl methacrylate	9.122	69	1497	0.824	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	2077	1.015	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	4299	4.513	ug/l	93
59) 2-Hexanone	9.433	43	6668	4.483	ug/l	95
60) Dibromochloromethane	9.519	129	1221	0.957	ug/l	100
61) 1,2-Dibromoethane	9.610	107	1200	0.936	ug/l	85
64) Tetrachloroethene	9.275	164	1160	1.137	ug/l	93
65) Chlorobenzene	10.079	112	3298	1.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1000	0.918	ug/l #	63
67) Ethyl Benzene	10.195	91	5464	0.966	ug/l	89
68) m/p-Xylenes	10.299	106	4311	2.041	ug/l	98
69) o-Xylene	10.640	106	1869	0.925	ug/l	83
70) Styrene	10.659	104	3072	0.912	ug/l	94
71) Bromoform	10.805	173	726	0.814	ug/l #	93
73) Isopropylbenzene	10.957	105	4974	0.945	ug/l	97
74) N-amyl acetate	10.842	43	2084	0.852	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	1930	1.014	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	1636m	1.040	ug/l	
77) Bromobenzene	11.207	156	1226	0.985	ug/l	95
78) n-propylbenzene	11.305	91	6497	0.995	ug/l	96
79) 2-Chlorotoluene	11.366	91	4167	1.060	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	4108	0.918	ug/l	93
82) 4-Chlorotoluene	11.457	91	4510	0.992	ug/l	95
83) tert-Butylbenzene	11.713	119	3850	0.912	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	4043	0.910	ug/l	94
85) sec-Butylbenzene	11.890	105	4996	0.901	ug/l	94
86) p-Isopropyltoluene	12.012	119	4435	0.970	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2703	1.089	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	2699m	1.069	ug/l	
89) n-Butylbenzene	12.335	91	4299	0.956	ug/l	96
90) Hexachloroethane	12.536	117	711	0.935	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	2540	1.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	406	0.915	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	1660	1.076	ug/l	90
94) Hexachlorobutadiene	13.719	225	699	1.108	ug/l	96
95) Naphthalene	13.774	128	4435	0.899	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1422	0.969	ug/l	89

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040447.D
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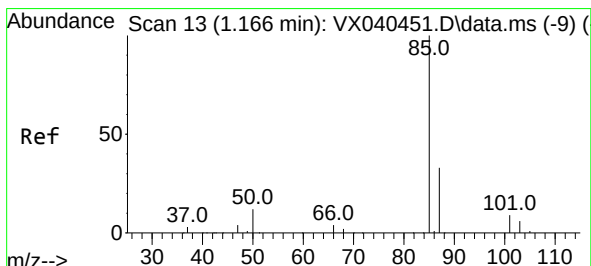
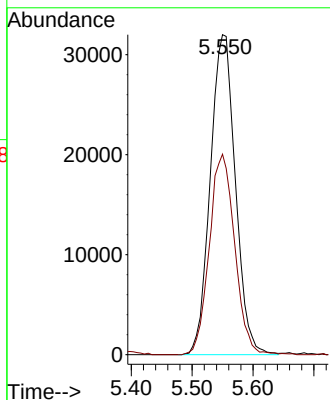
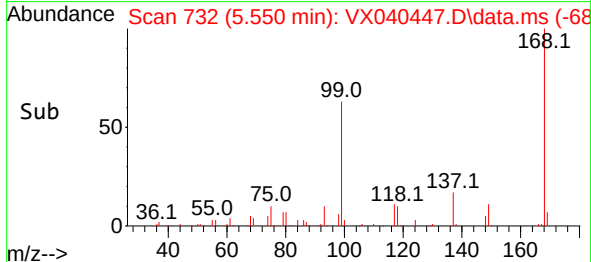
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 91579
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

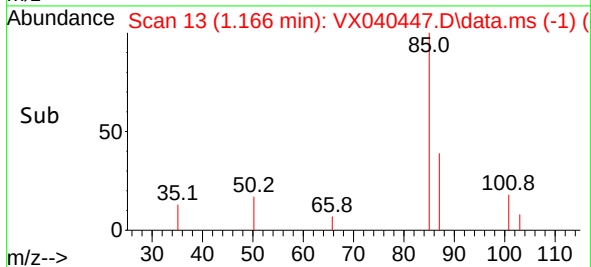
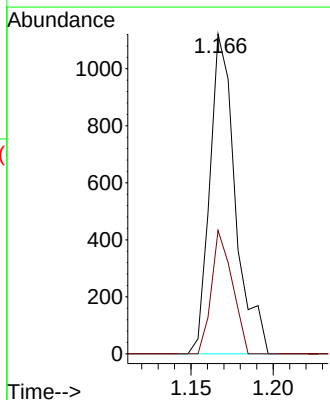
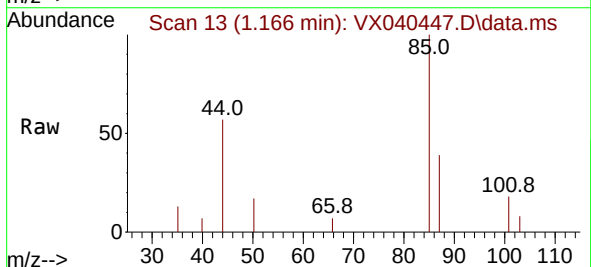
Manual Integrations
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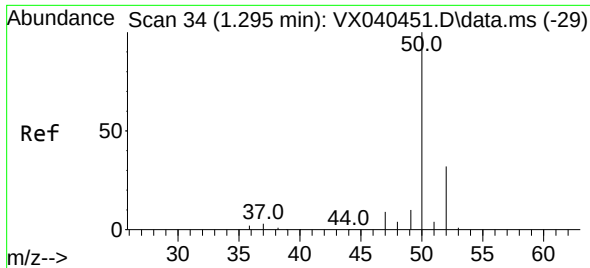
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#2
Dichlorodifluoromethane
Concen: 1.065 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 85 Resp: 1214
Ion Ratio Lower Upper
85 100
87 38.6 16.7 50.1





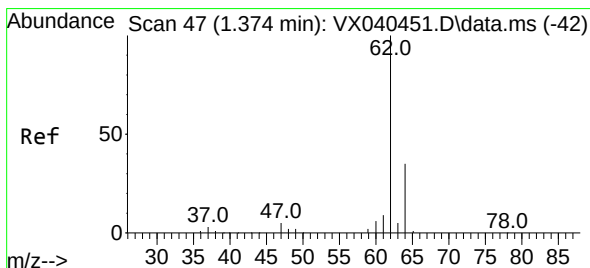
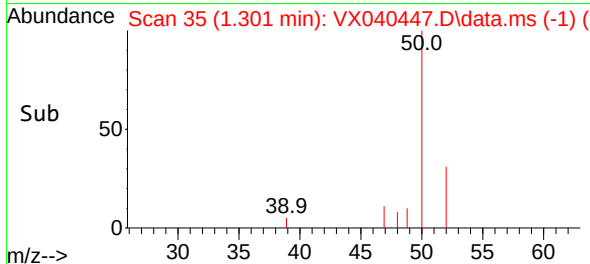
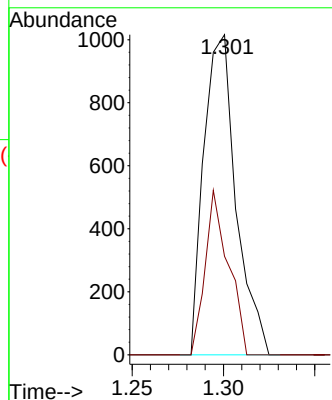
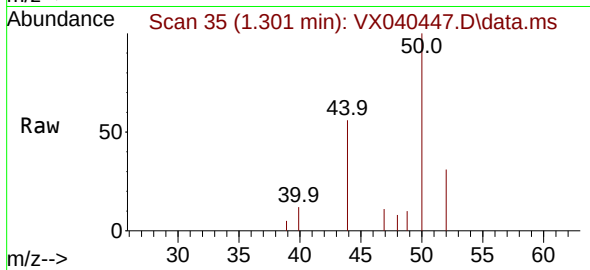
#3
Chloromethane
Concen: 1.103 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 124
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3

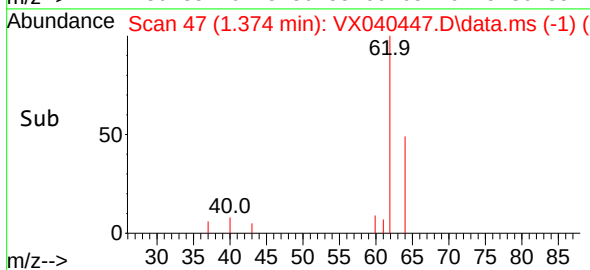
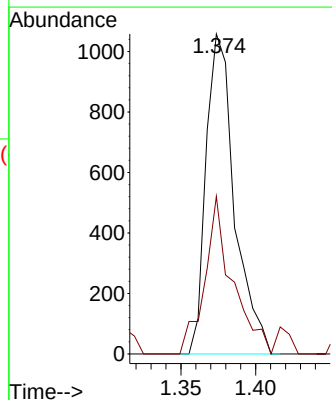
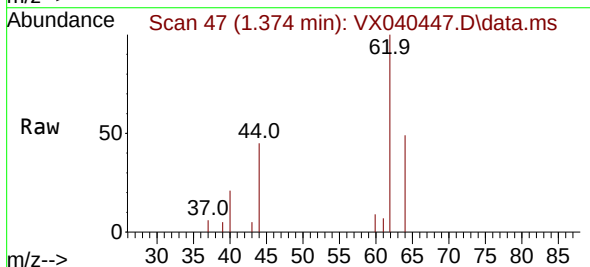
Manual Integrations
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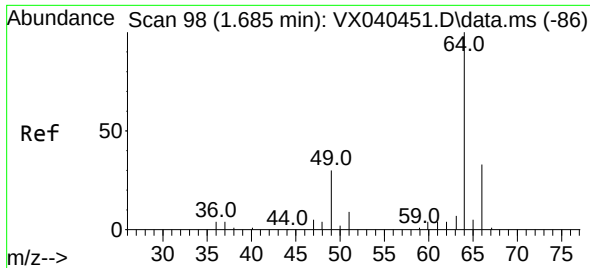
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#4
Vinyl Chloride
Concen: 1.145 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

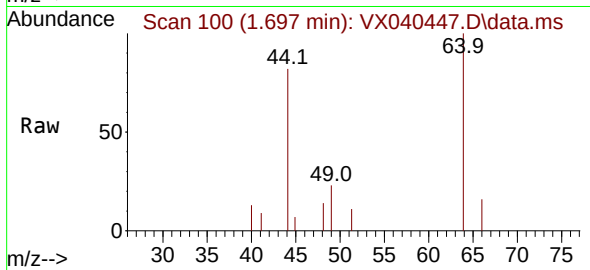
Tgt Ion: 62 Resp: 1400
Ion Ratio Lower Upper
62 100
64 49.2 25.4 38.0#





#6
Chloroethane
Concen: 1.016 ug/l m
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

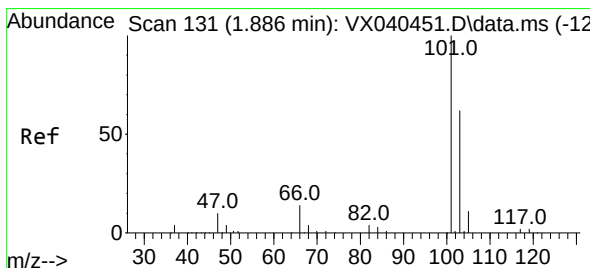
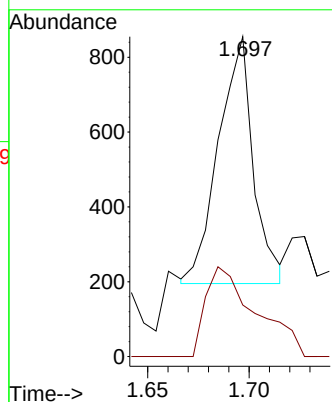
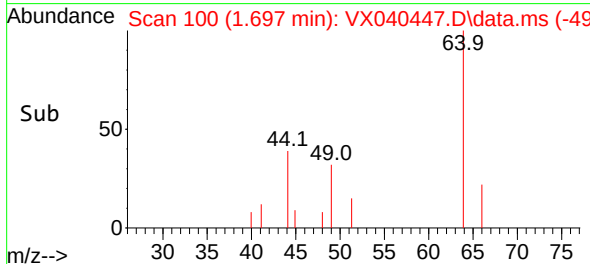
Instrument :
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VSTDICC001



Tgt Ion: 64 Resp: 780
Ion Ratio Lower Upper
64 100
66 16.1 25.1 37.7

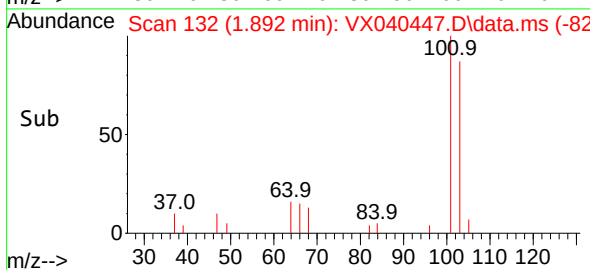
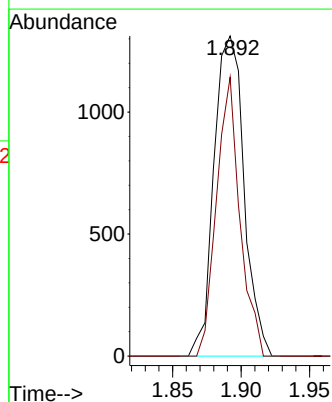
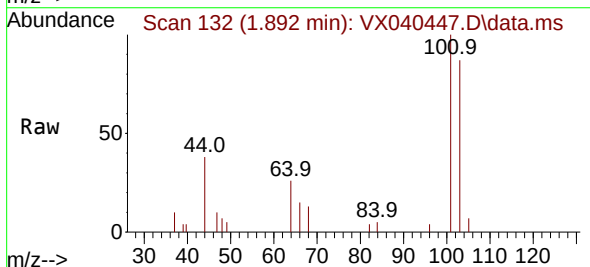
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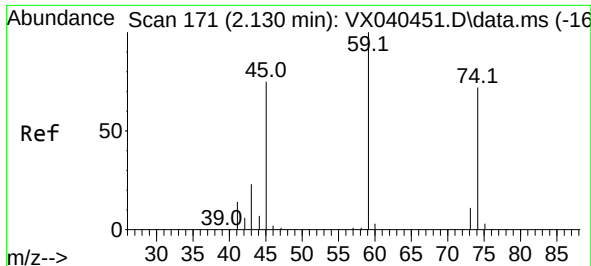
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#7
Trichlorofluoromethane
Concen: 1.036 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

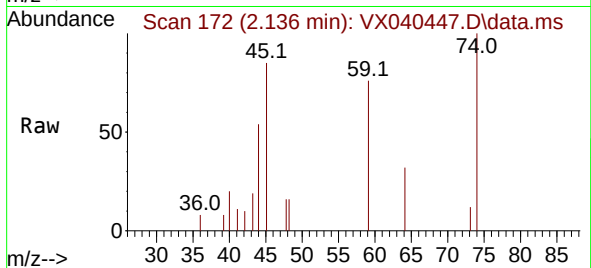
Tgt Ion:101 Resp: 2001
Ion Ratio Lower Upper
101 100
103 87.1 51.4 77.2#





#8
Diethyl Ether
Concen: 1.068 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

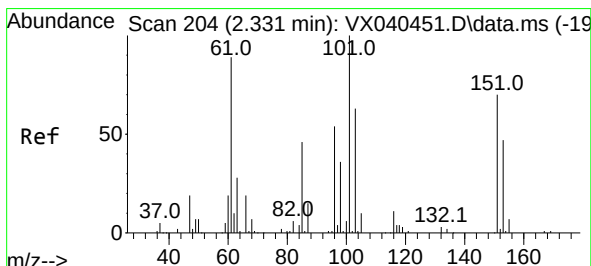
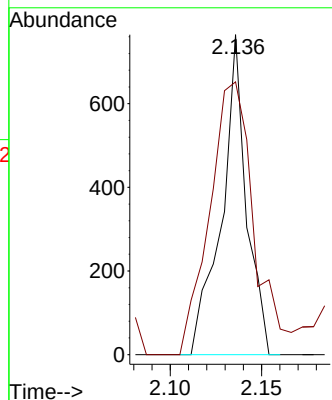
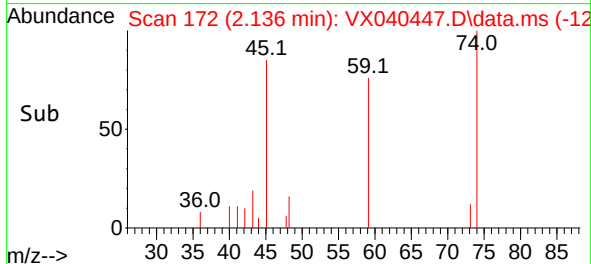
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MSVOA_X
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VSTDICC001



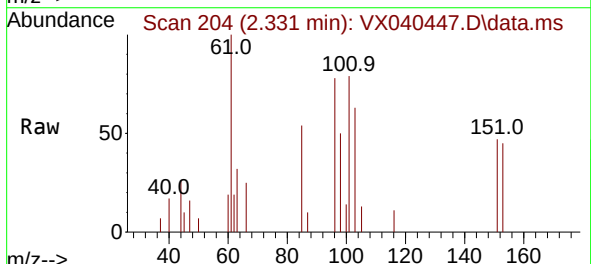
Tgt Ion: 74 Resp: 72
Ion Ratio Lower Upper
74 100
45 152.3 53.3 159.8

Manual Integrations
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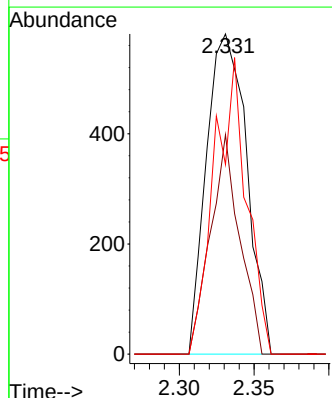
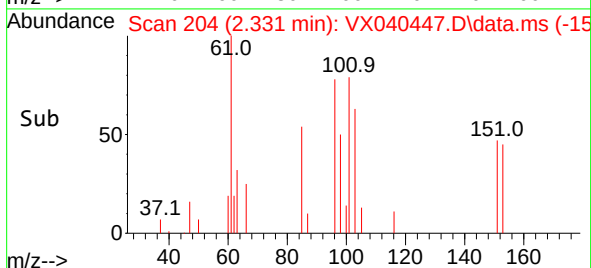
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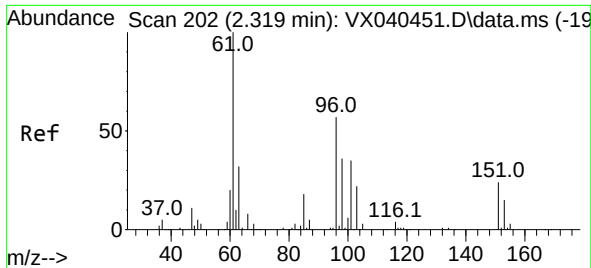


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.046 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



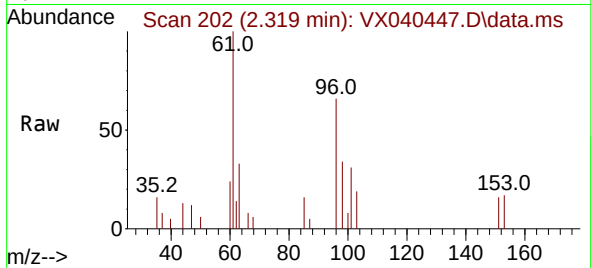
Tgt Ion:101 Resp: 1087
Ion Ratio Lower Upper
101 100
85 50.0 37.0 55.6
151 74.3 58.6 87.8





#12
1,1-Dichloroethene
Concen: 1.193 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

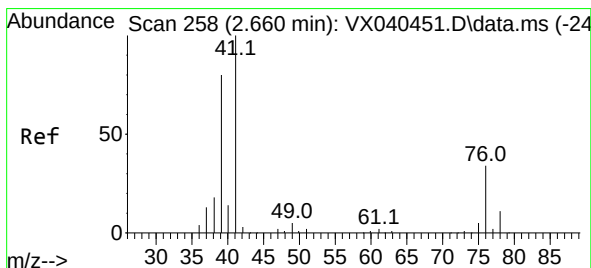
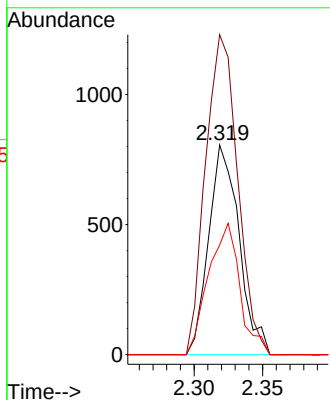
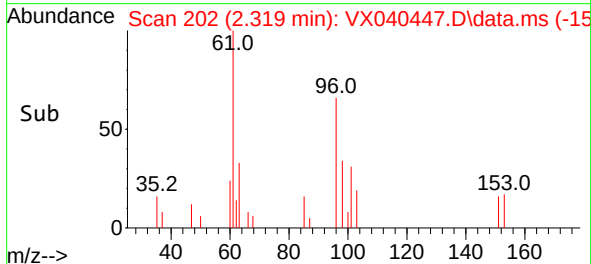
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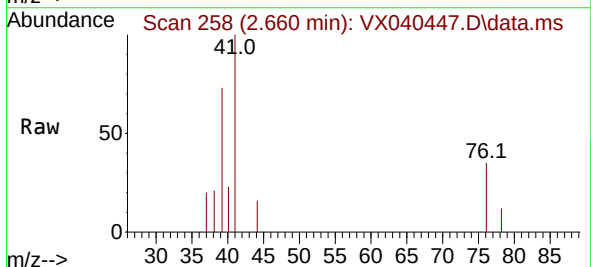
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Ion Ratio Lower Upper
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61 152.6 144.6 216.8
98 52.2 50.4 75.6

Manual Integrations
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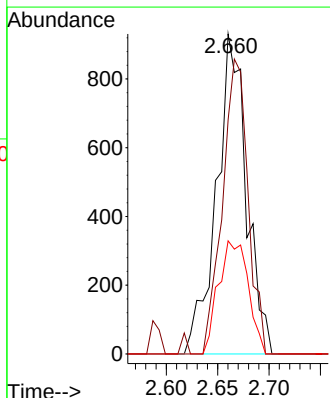
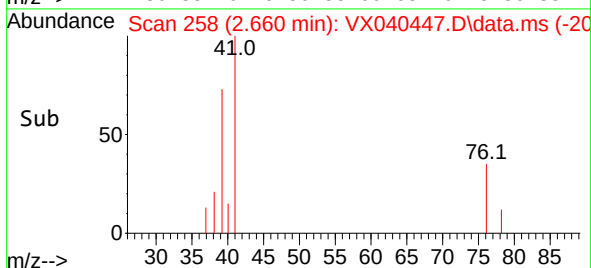
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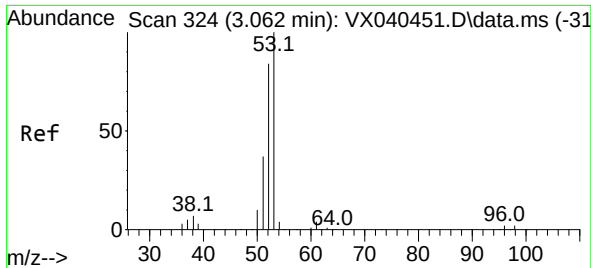


#14
Allyl chloride
Concen: 1.029 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



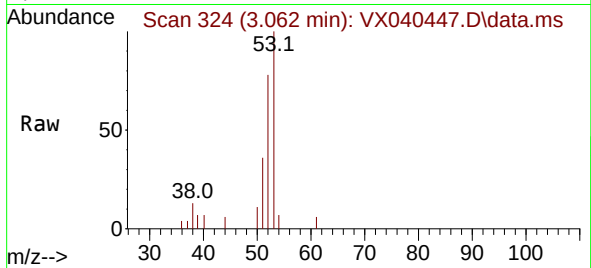
Tgt Ion: 41 Resp: 1878
Ion Ratio Lower Upper
41 100
39 78.9 55.8 83.6
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 5.385 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

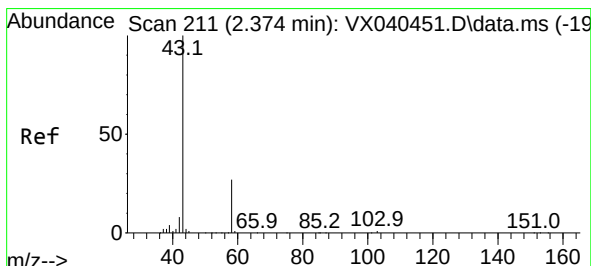
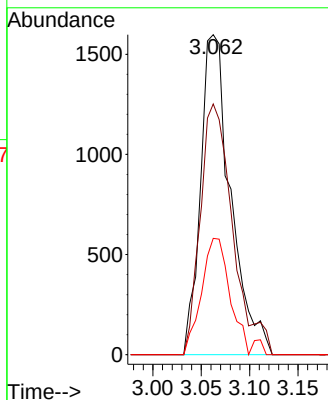
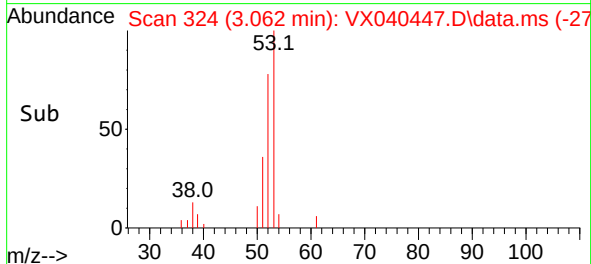
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



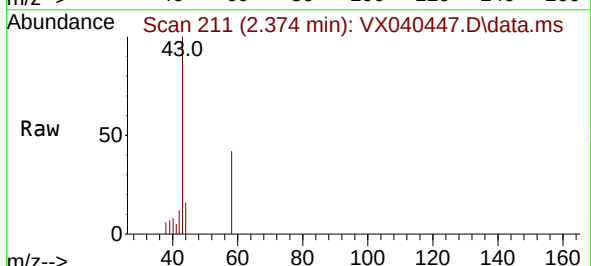
Tgt Ion: 53 Resp: 3478
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 35.6 29.8 44.6

Manual Integrations
APPROVED

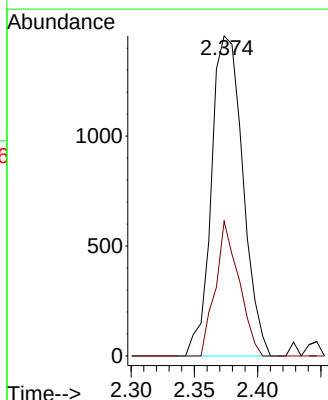
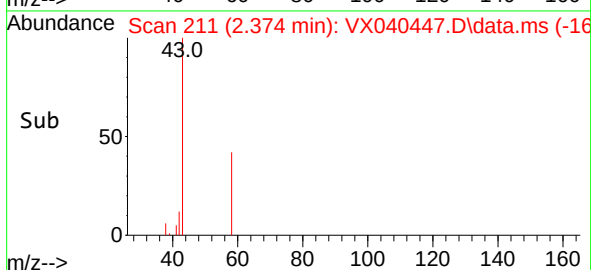
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

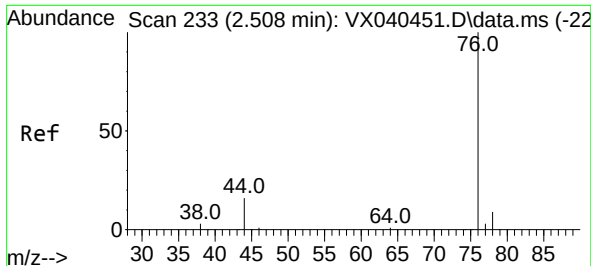


#16
Acetone
Concen: 5.031 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



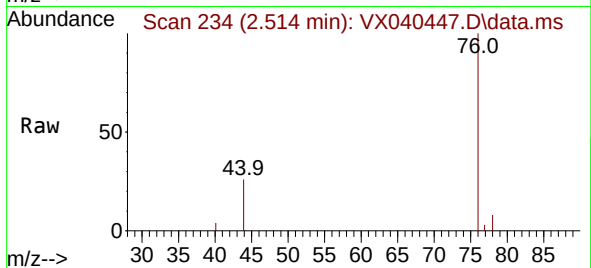
Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
58 42.1 21.9 32.9#





#17
Carbon Disulfide
Concen: 1.179 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

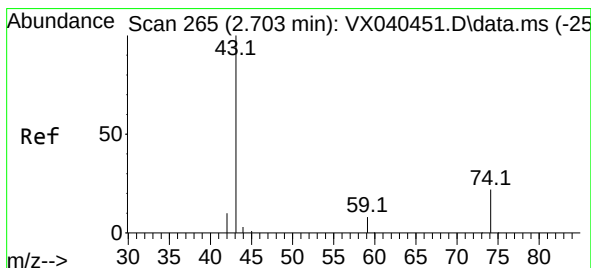
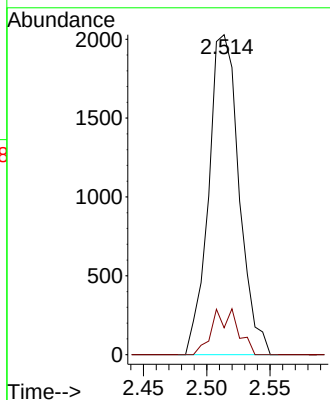
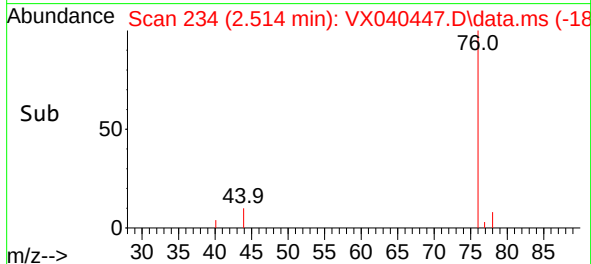
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 340
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

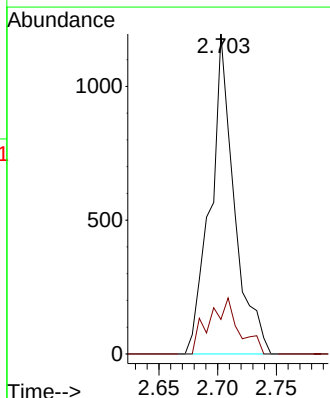
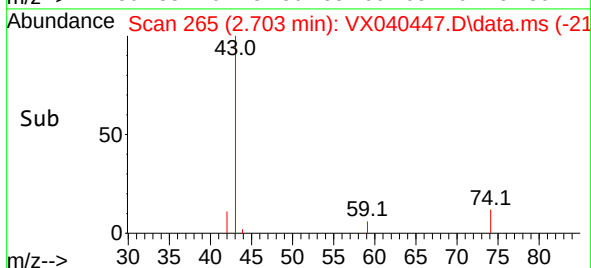
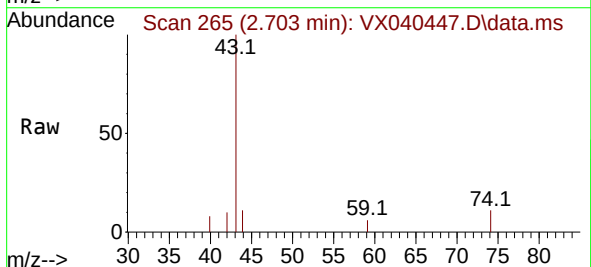
Manual Integrations
APPROVED

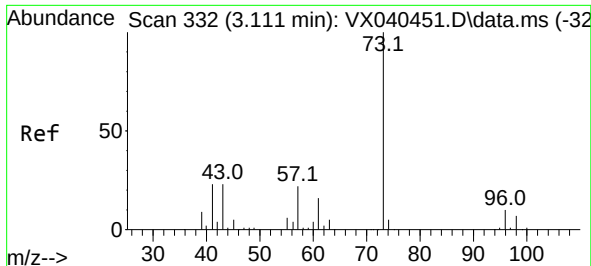
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#18
Methyl Acetate
Concen: 1.097 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





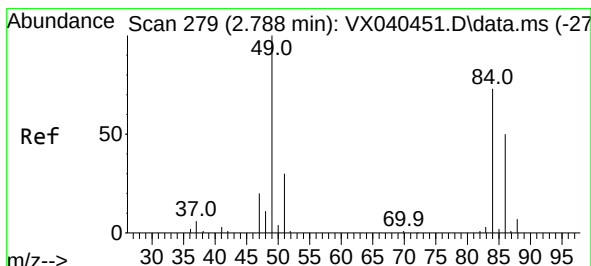
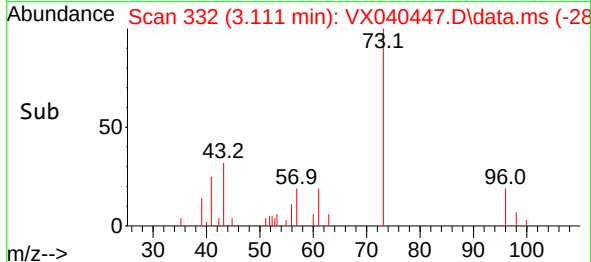
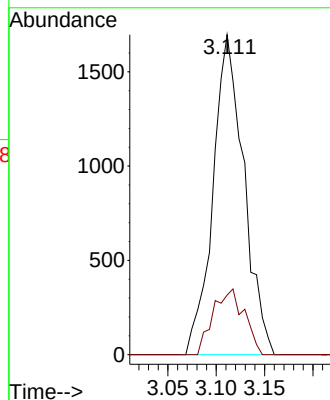
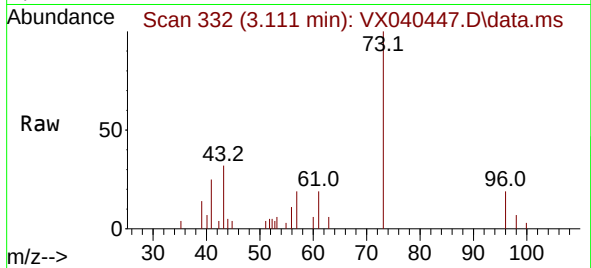
#19
Methyl tert-butyl Ether
Concen: 1.058 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 376
Ion Ratio Lower Upper
73 100
57 18.6 17.3 25.9

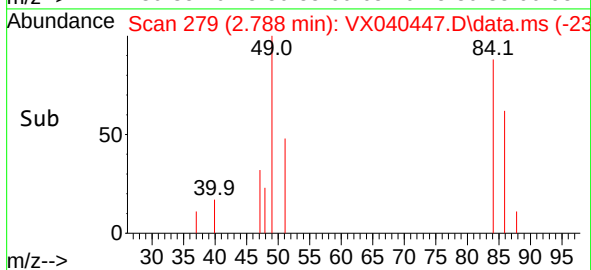
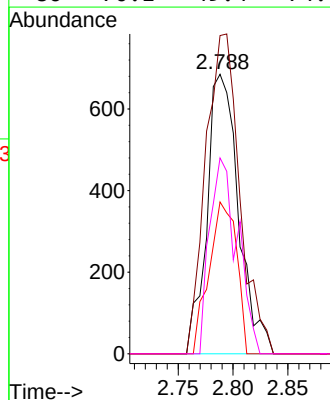
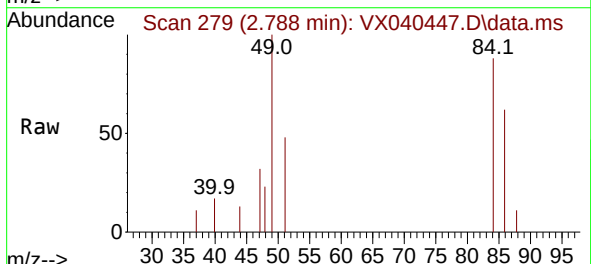
Manual Integrations
APPROVED

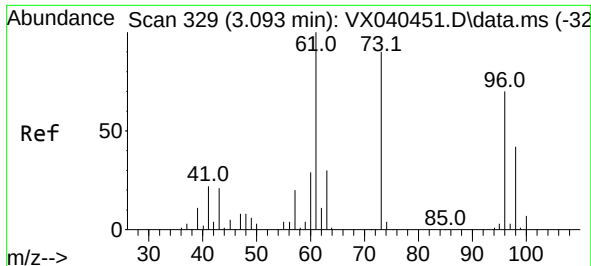
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 84 Resp: 1374
Ion Ratio Lower Upper
84 100
49 113.9 103.6 155.4
51 54.3 33.8 50.6#
86 70.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 1.077 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

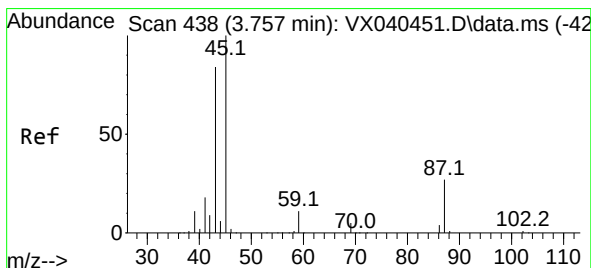
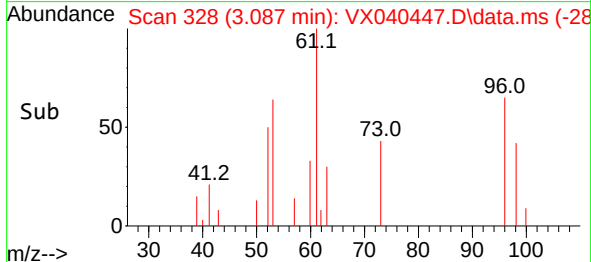
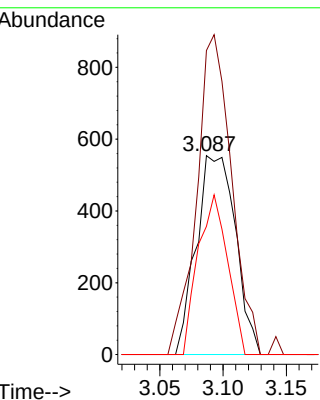
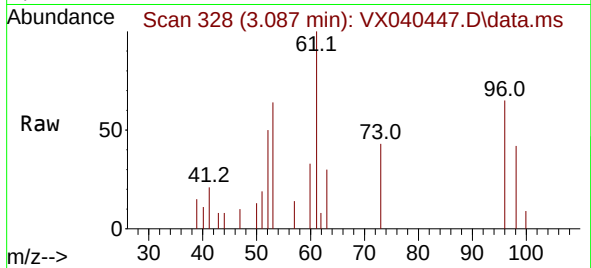
VSTDICC001

Tgt Ion: 96 Resp: 1198
Ion Ratio Lower Upper
96 100
61 152.9 119.2 178.8
98 64.4 48.7 73.1

Manual Integrations

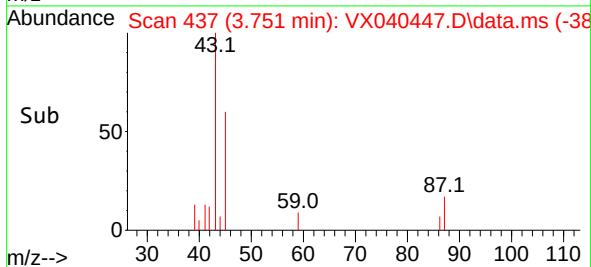
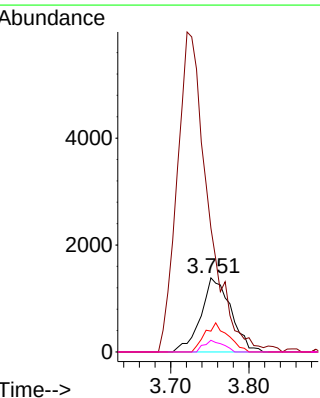
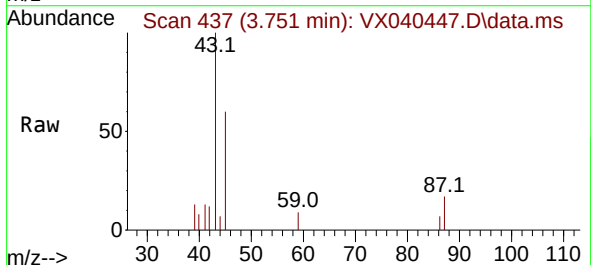
APPROVED

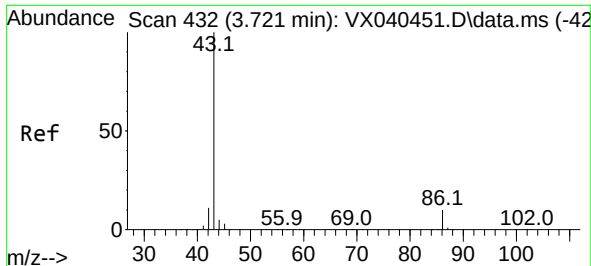
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#22
Diisopropyl ether
Concen: 1.007 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 45 Resp: 3695
Ion Ratio Lower Upper
45 100
43 159.1 69.7 104.5#
87 28.1 20.8 31.2
59 15.8 9.0 13.4#





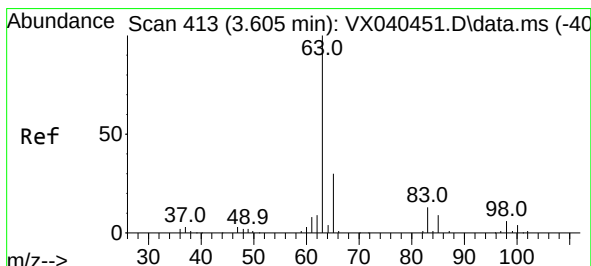
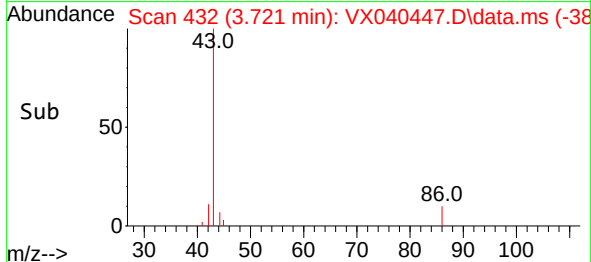
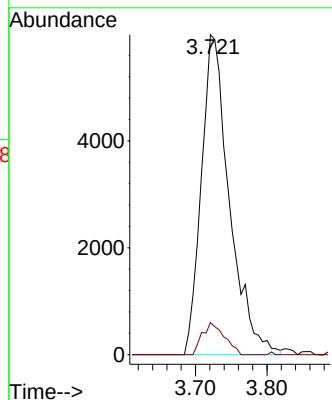
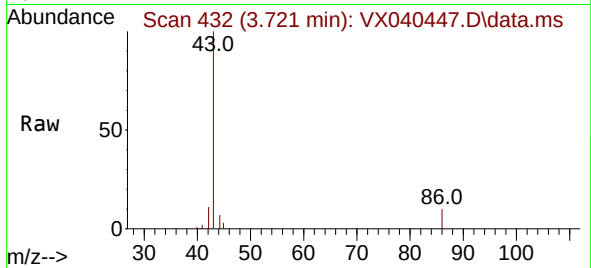
#23
 Vinyl Acetate
 Concen: 4.863 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 16339
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

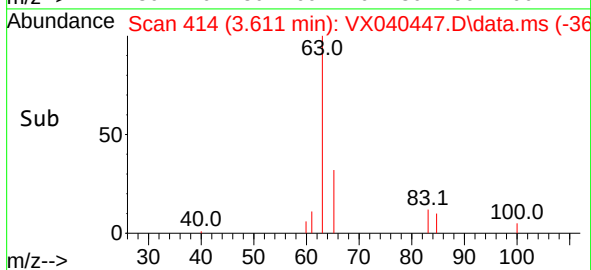
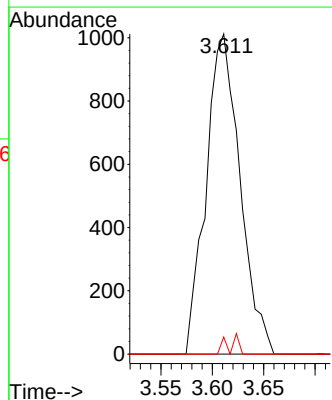
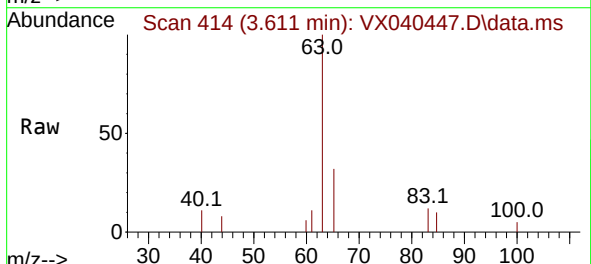
Manual Integrations
 APPROVED

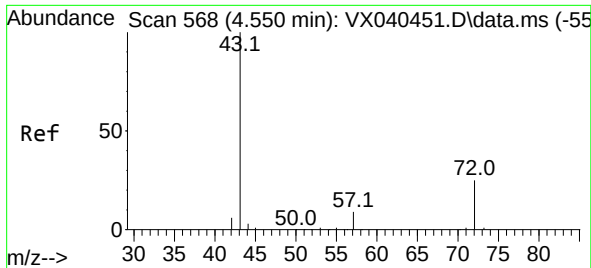
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024



#24
 1,1-Dichloroethane
 Concen: 1.087 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

Tgt Ion: 63 Resp: 2325
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 5.3 2.1 6.5





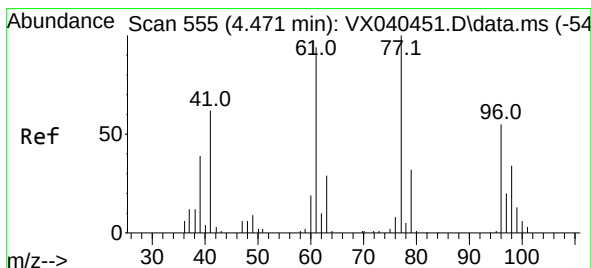
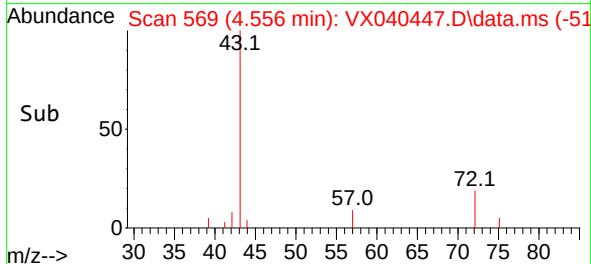
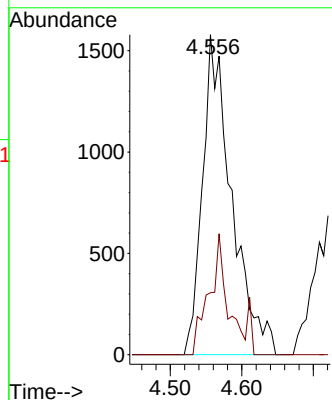
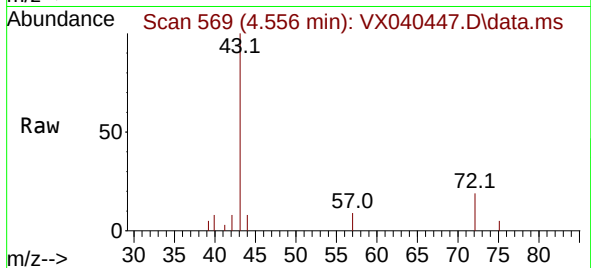
#25
2-Butanone
Concen: 5.120 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 4450
Ion Ratio Lower Upper
43 100
72 19.4 19.4 29.2

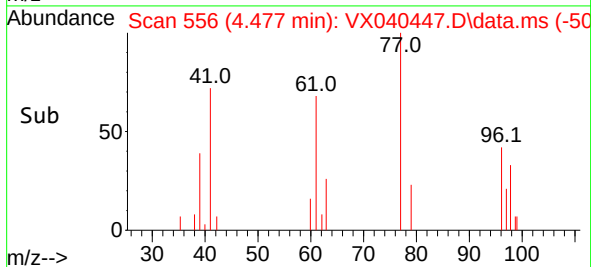
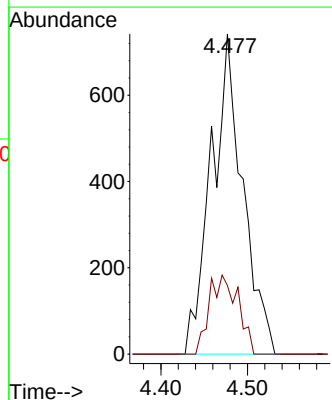
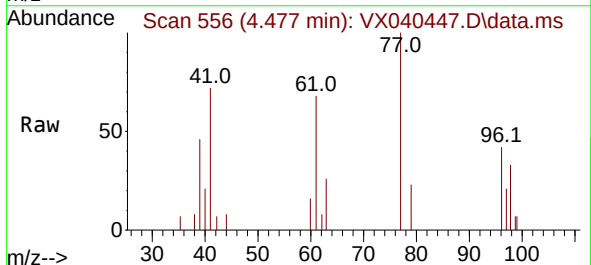
Manual Integrations
APPROVED

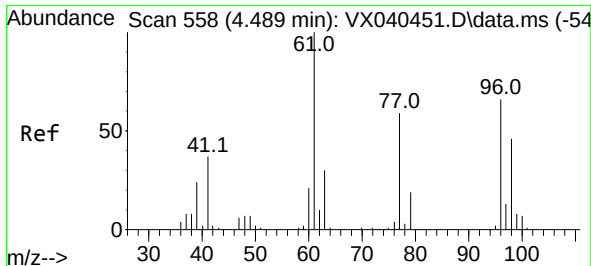
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#26
2,2-Dichloropropane
Concen: 1.097 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 77 Resp: 1868
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 1.138 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 148

Ion Ratio Lower Upper

96 100

61 135.5 0.0 312.2

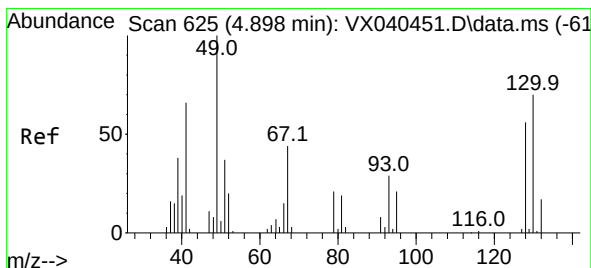
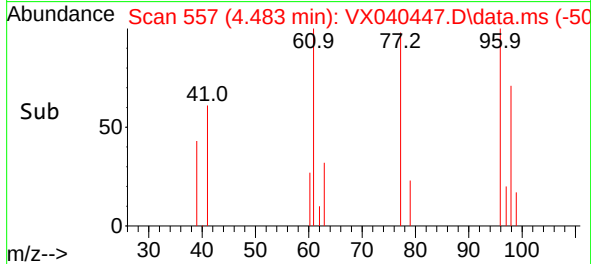
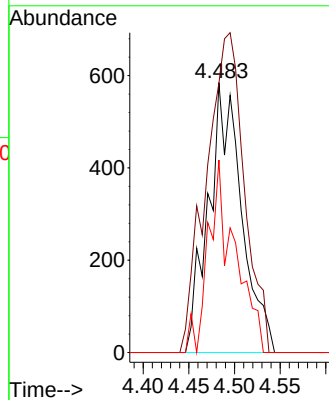
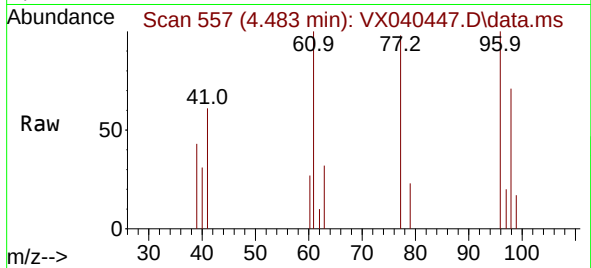
98 57.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#28

Bromochloromethane

Concen: 0.877 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

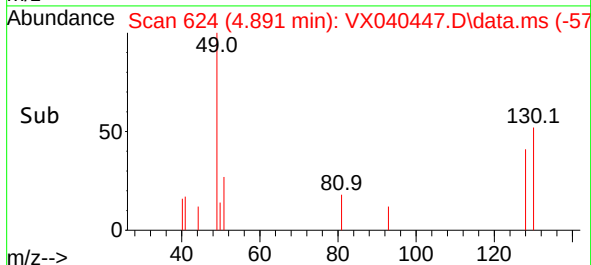
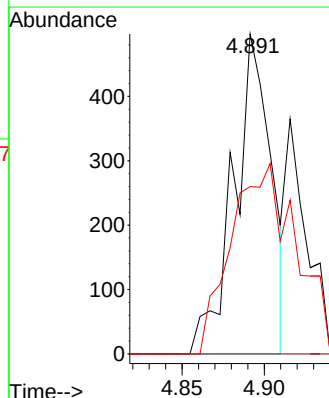
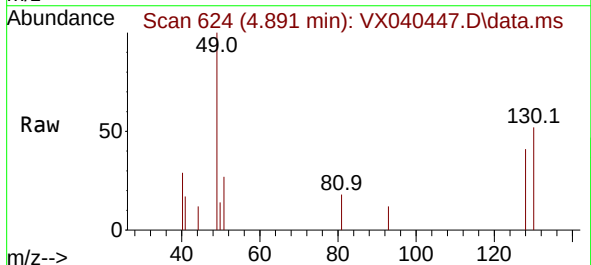
Tgt Ion: 49 Resp: 785

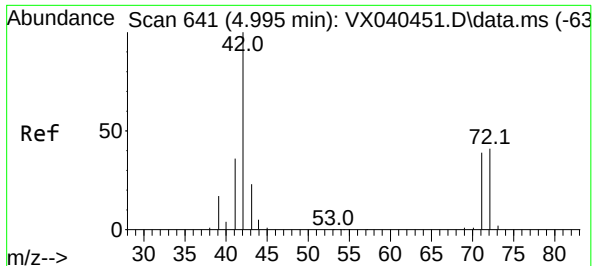
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 102.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 5.154 ug/l m

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

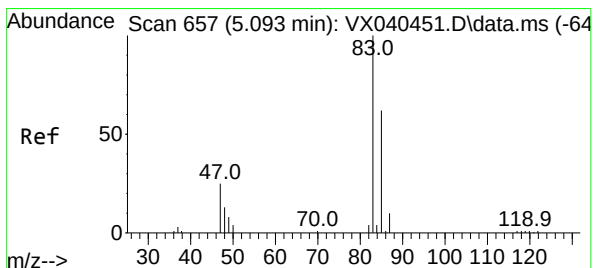
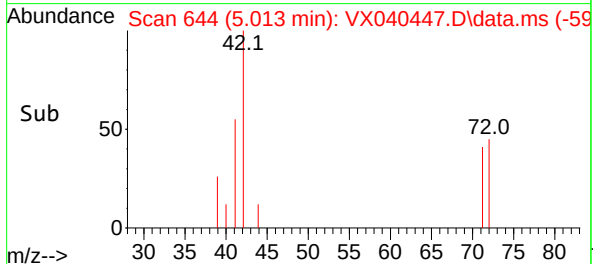
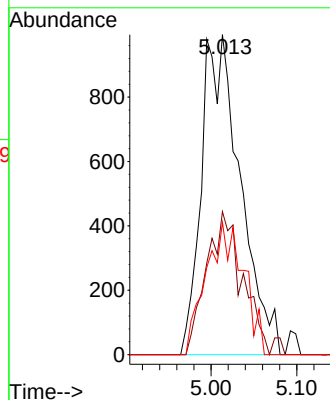
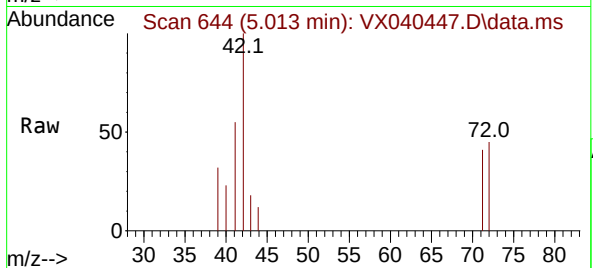
Tgt Ion:	42	Resp:	3129
Ion Ratio	Lower	Upper	
42	100		
72	41.3	34.2	51.4
71	39.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#30

Chloroform

Concen: 1.042 ug/l

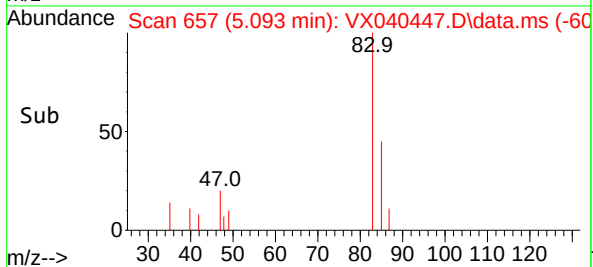
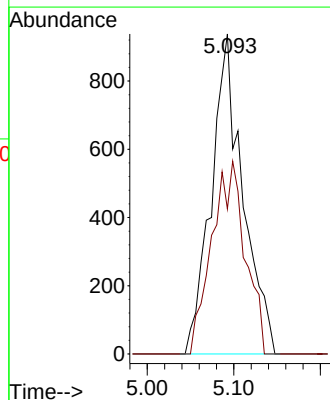
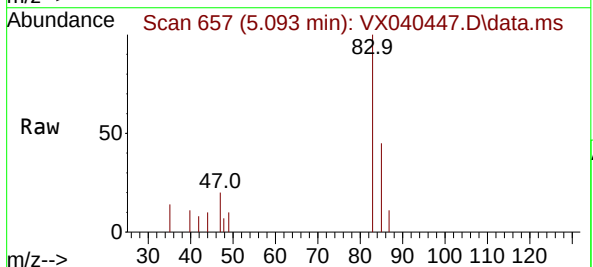
RT: 5.093 min Scan# 657

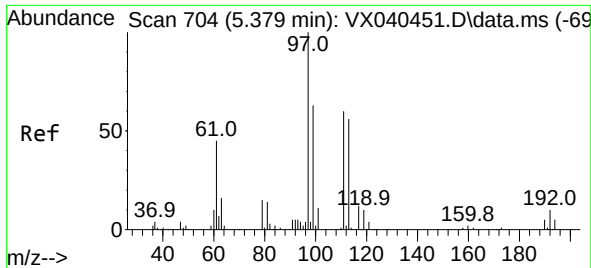
Delta R.T. -0.000 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Tgt Ion:	83	Resp:	2366
Ion Ratio	Lower	Upper	
83	100		
85	45.3	50.3	75.5





#32

1,1,1-Trichloroethane

Concen: 1.040 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 201

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7

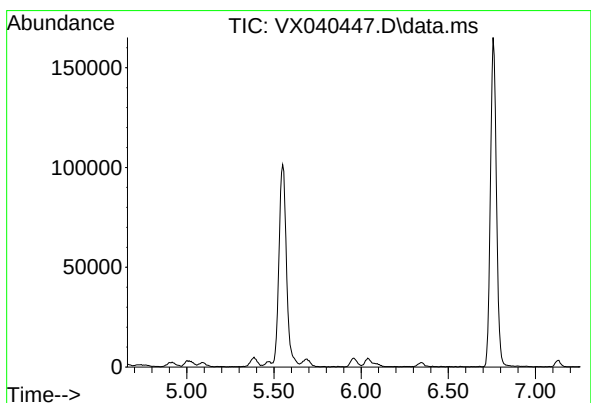
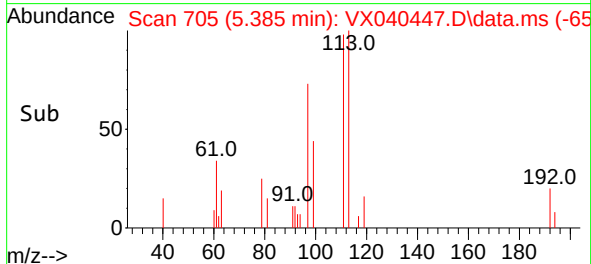
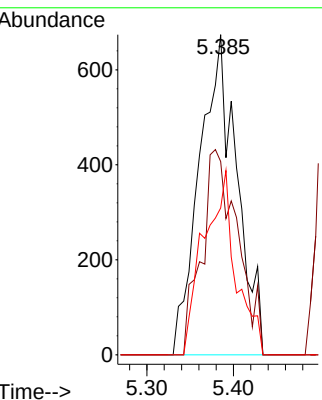
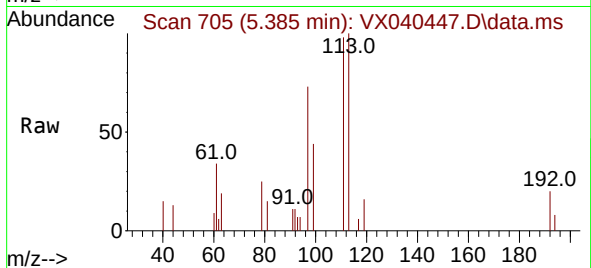
61 49.6 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.96 min

Lab File: VX040447.D

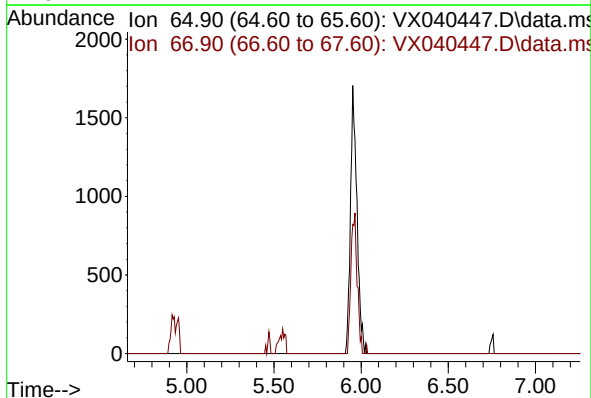
Acq: 26 Feb 2024 09:22

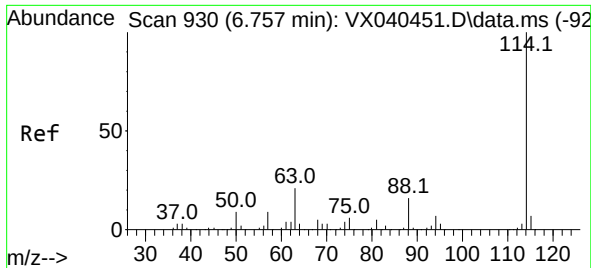
Tgt Ion: 65

Sig Exp Ratio

65 100

67 50.1





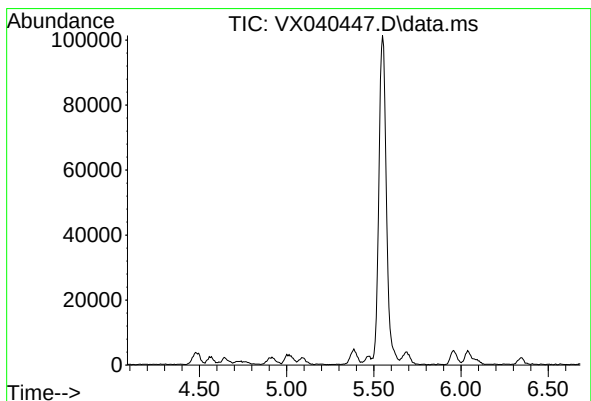
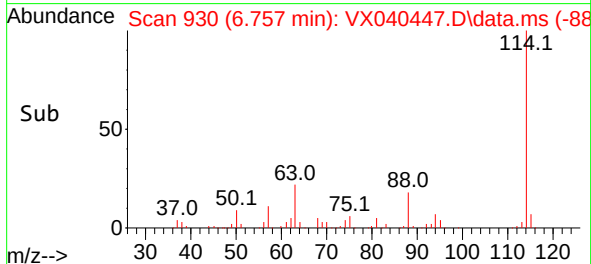
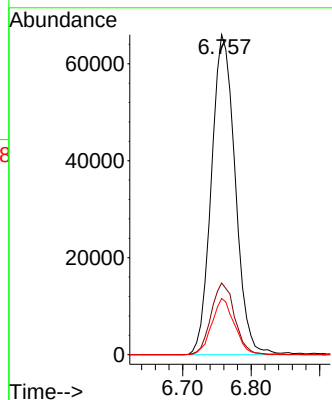
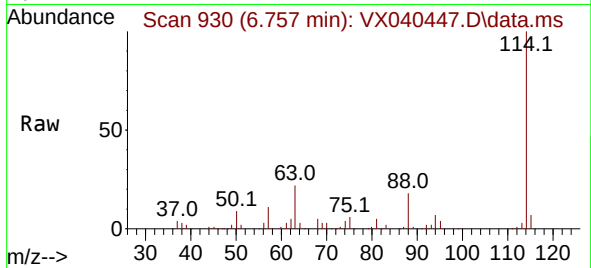
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 159038
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 17.5 0.0 36.6

Manual Integrations
APPROVED

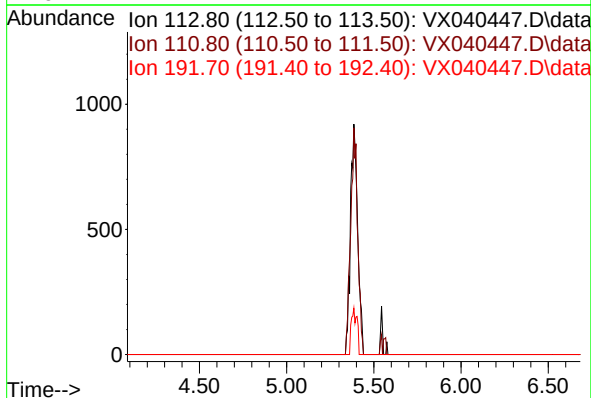
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

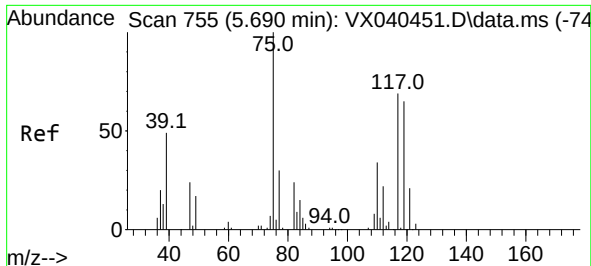


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.39 min

Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.6
192 16.6





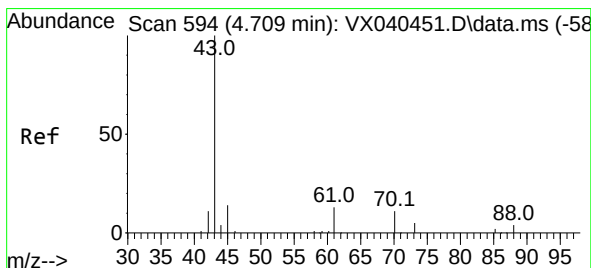
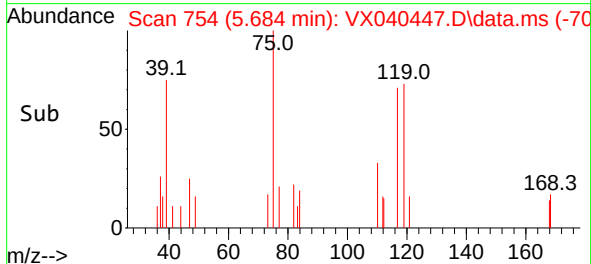
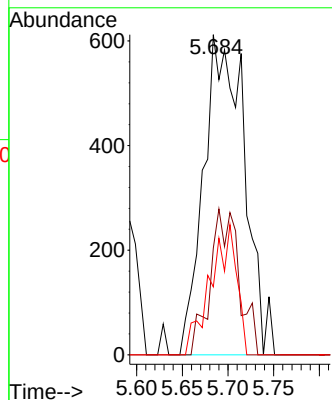
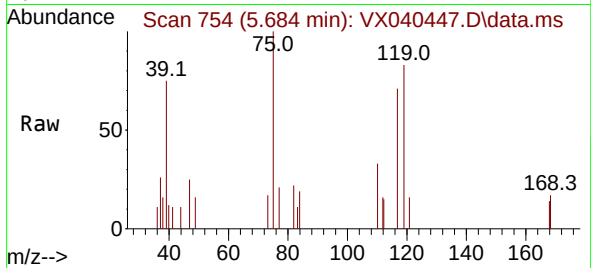
#36
1,1-Dichloropropene
Concen: 1.113 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 189
Ion Ratio Lower Upper
75 100
110 32.2 17.0 50.9
77 26.1 24.7 37.1

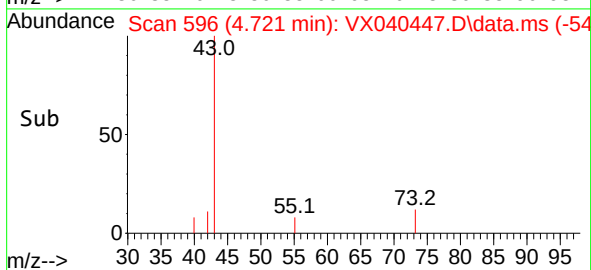
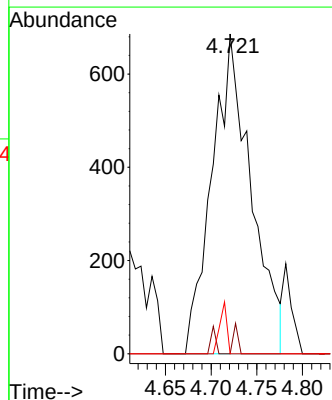
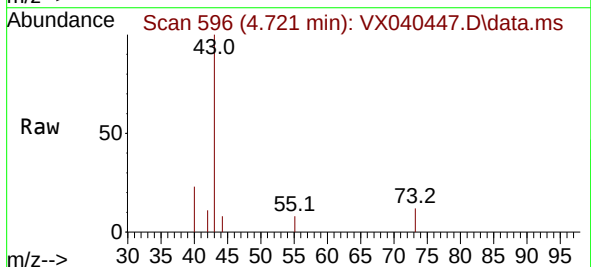
Manual Integrations
APPROVED

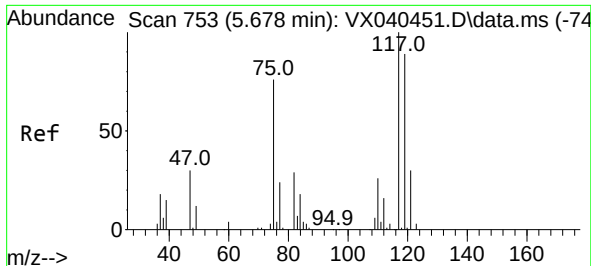
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#37
Ethyl Acetate
Concen: 1.095 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

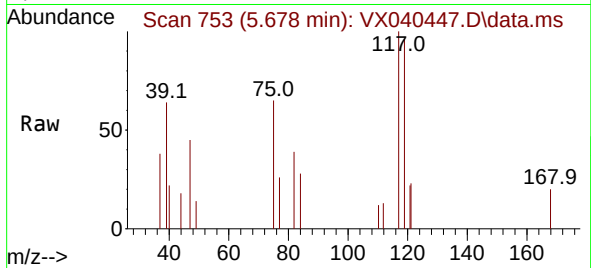
Tgt Ion: 43 Resp: 2041
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 2.9 8.3 12.5#





#38
Carbon Tetrachloride
Concen: 1.022 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

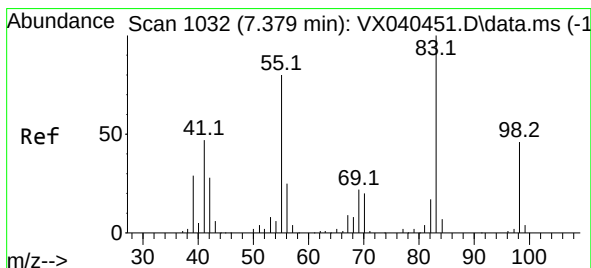
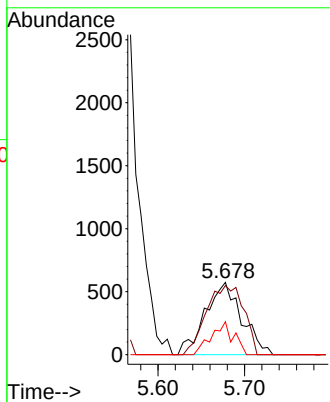
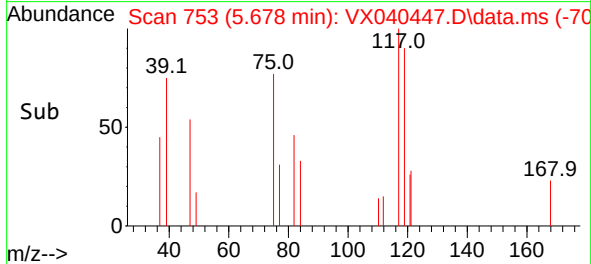
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 168
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 45.6 24.4 36.6

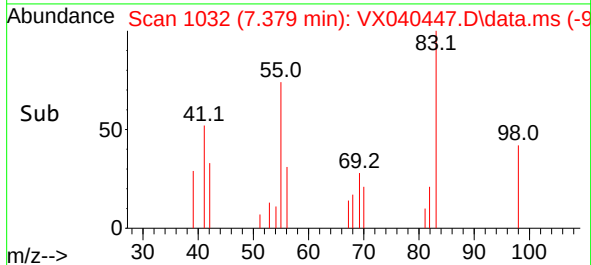
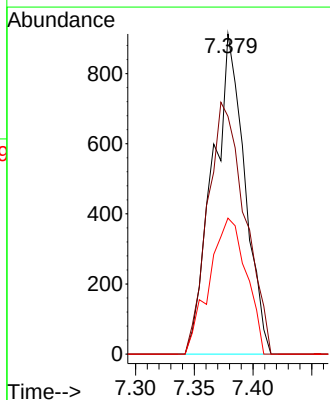
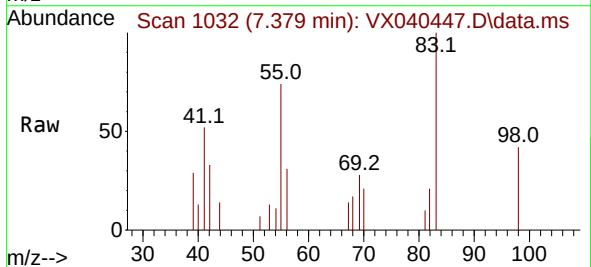
Manual Integrations
APPROVED

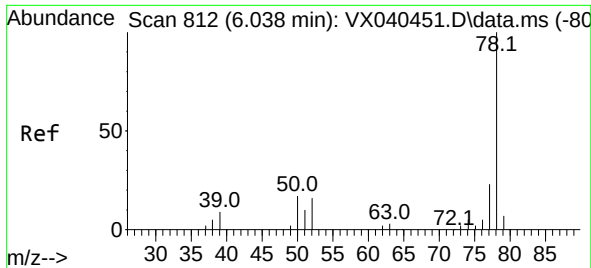
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#39
Methylcyclohexane
Concen: 0.944 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 83 Resp: 1736
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 42.5 36.7 55.1





#40

Benzene

Concen: 1.049 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 4840

Ion Ratio Lower Upper

78 100

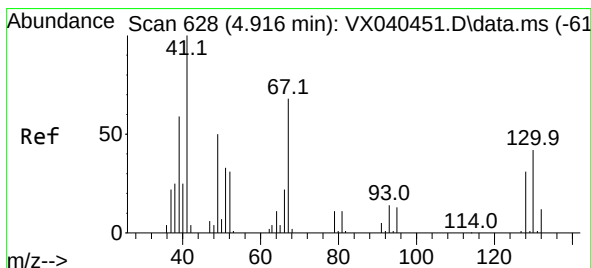
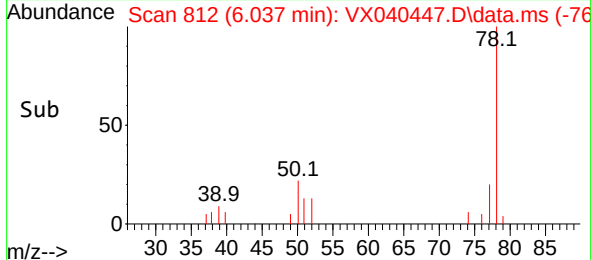
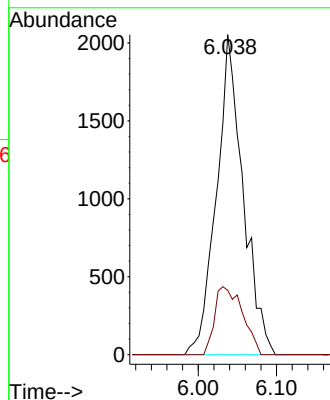
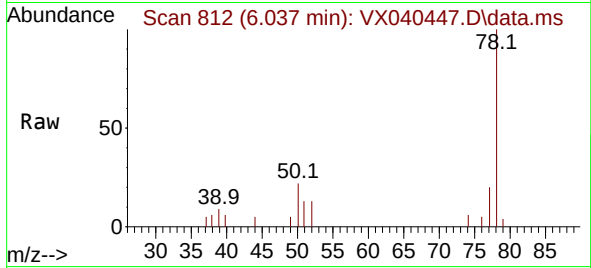
77 20.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#41

Methacrylonitrile

Concen: 1.142 ug/l

RT: 4.934 min Scan# 631

Delta R.T. 0.018 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Tgt Ion: 41 Resp: 1190

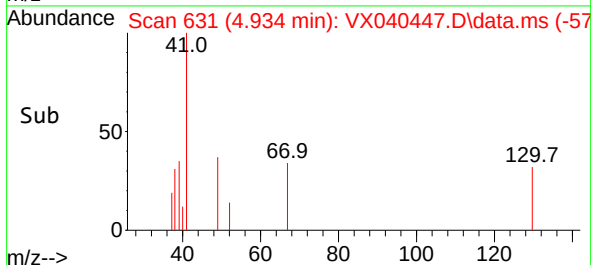
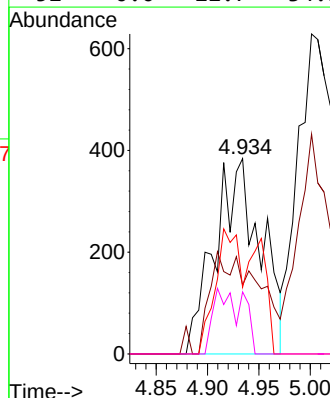
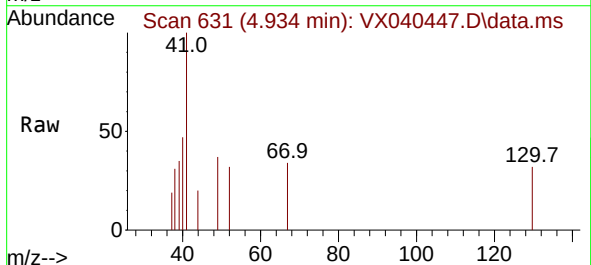
Ion Ratio Lower Upper

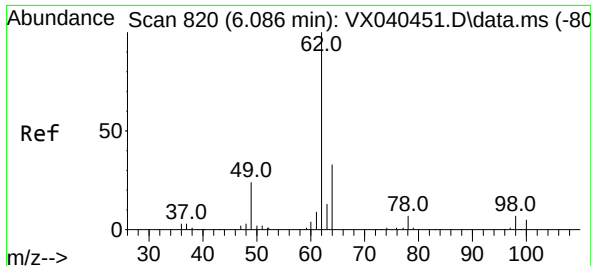
41 100

39 0.0 45.2 67.8#

67 17.7 52.6 78.8#

52 0.0 22.7 34.1#





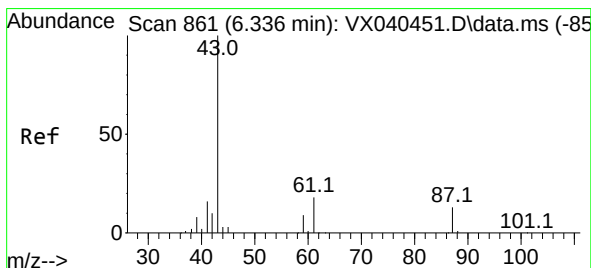
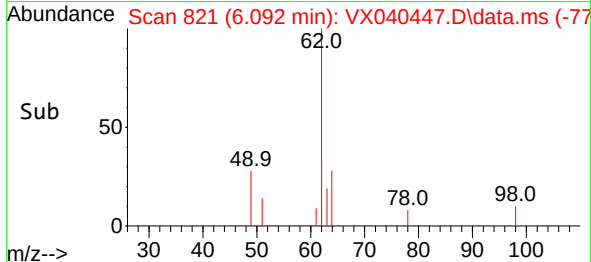
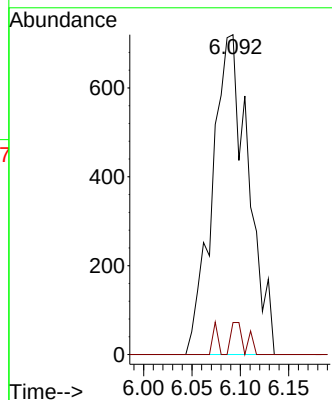
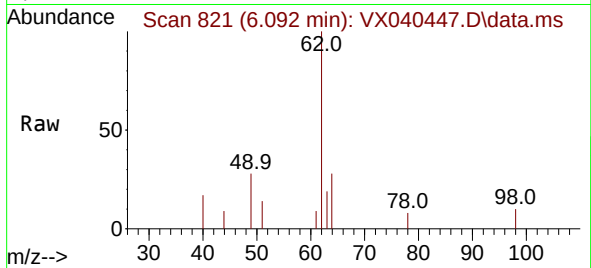
#42
1,2-Dichloroethane
Concen: 0.977 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 186
Ion Ratio Lower Upper
62 100
98 3.9 0.0 16.0

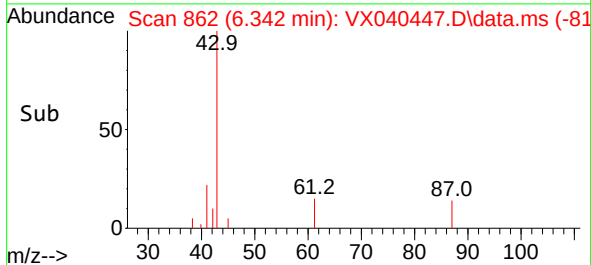
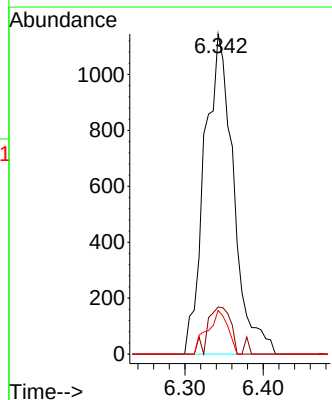
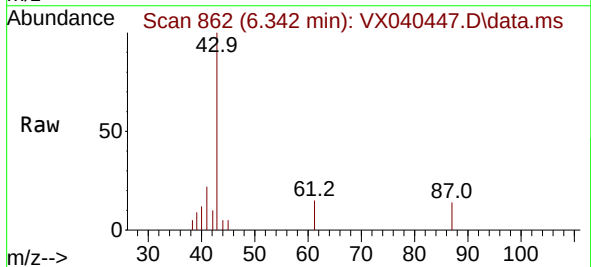
Manual Integrations
APPROVED

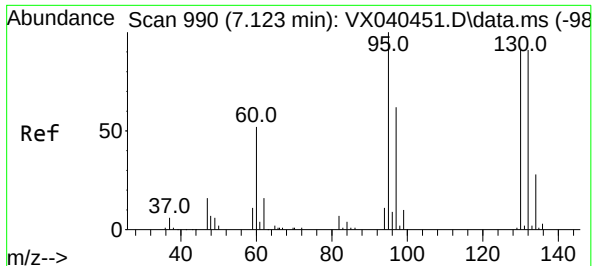
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#43
Isopropyl Acetate
Concen: 1.005 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
61 11.5 15.2 22.8#
87 9.7 9.8 14.6#





#44

Trichloroethene

Concen: 1.140 ug/l

RT: 7.135 min Scan# 990

Delta R.T. 0.012 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 1414

Ion Ratio Lower Upper

130 100

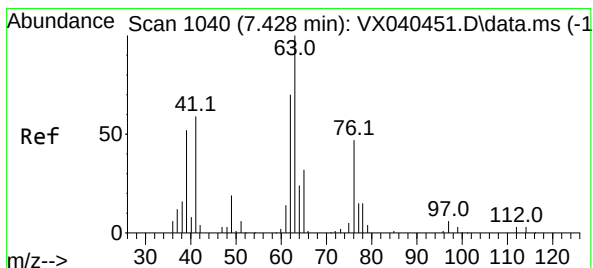
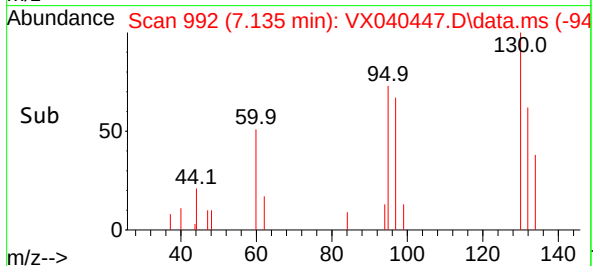
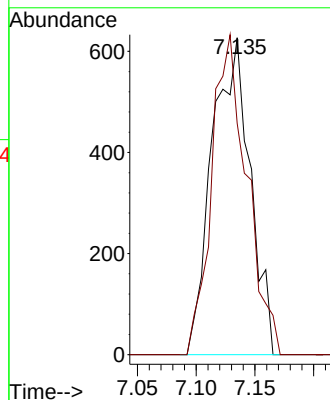
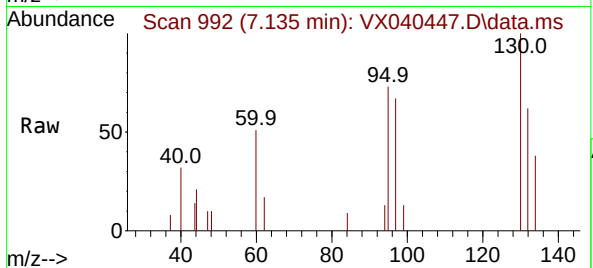
95 73.0 0.0 204.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#45

1,2-Dichloropropane

Concen: 1.030 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX040447.D

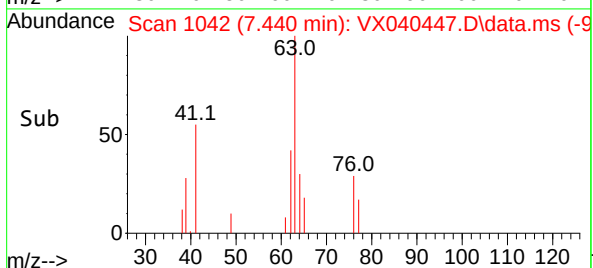
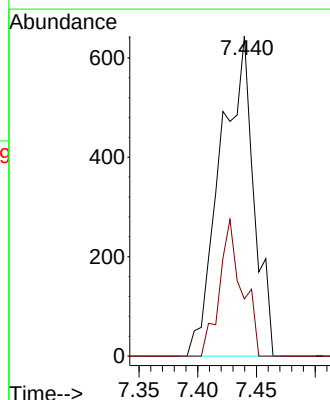
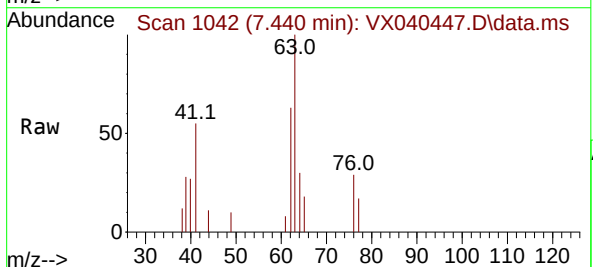
Acq: 26 Feb 2024 09:22

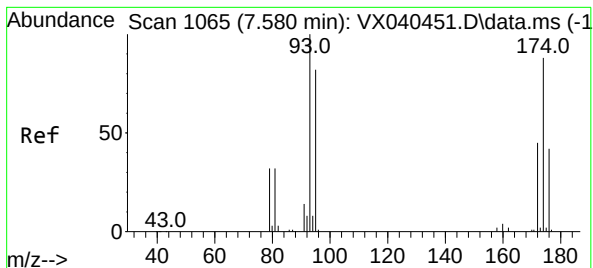
Tgt Ion: 63 Resp: 1272

Ion Ratio Lower Upper

63 100

65 17.9 24.3 36.5#





#46

Dibromomethane

Concen: 1.021 ug/l

RT: 7.586 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 93 Resp: 92

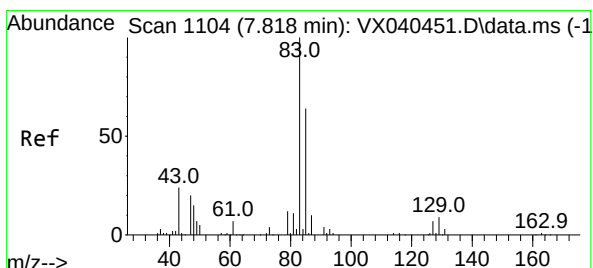
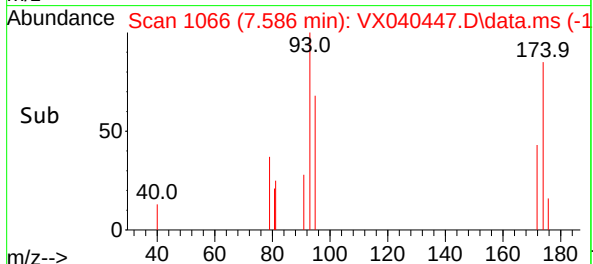
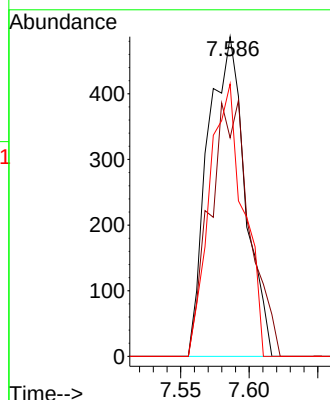
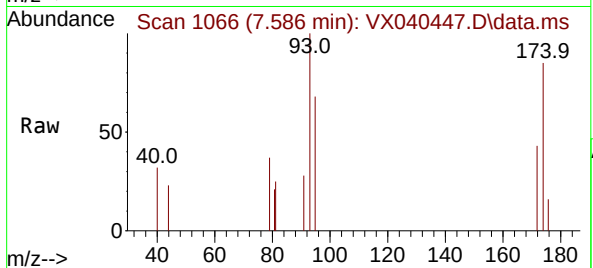
Ion	Ratio	Lower	Upper
93	100		
95	85.0	66.6	100.0
174	77.9	69.4	104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#47

Bromodichloromethane

Concen: 1.061 ug/l

RT: 7.824 min Scan# 1105

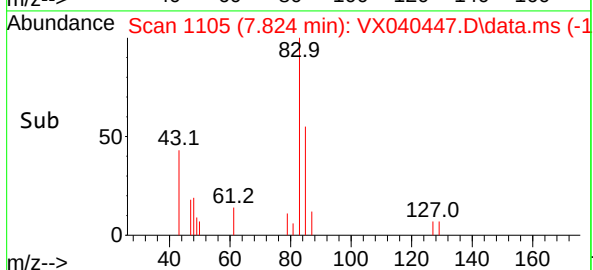
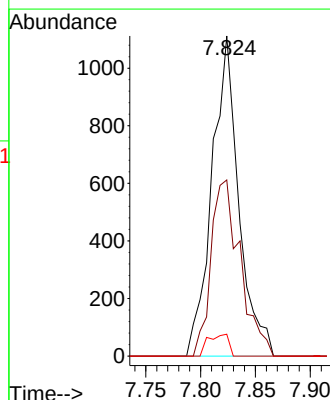
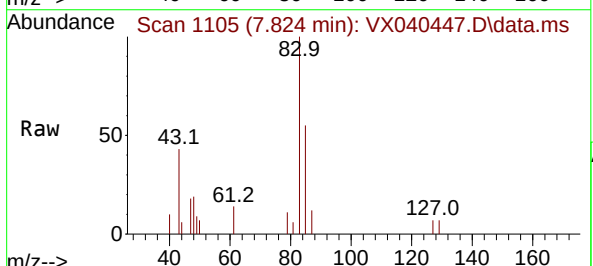
Delta R.T. 0.006 min

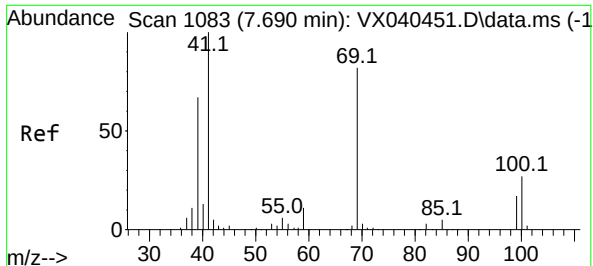
Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Tgt Ion: 83 Resp: 1897

Ion	Ratio	Lower	Upper
83	100		
85	55.0	49.8	74.6
127	6.8	7.1	10.7





#48

Methyl methacrylate

Concen: 0.879 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1280

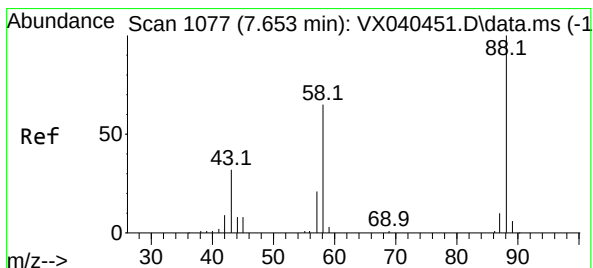
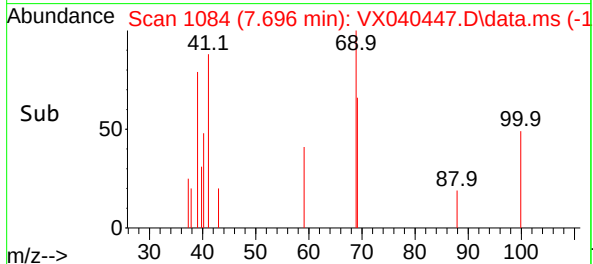
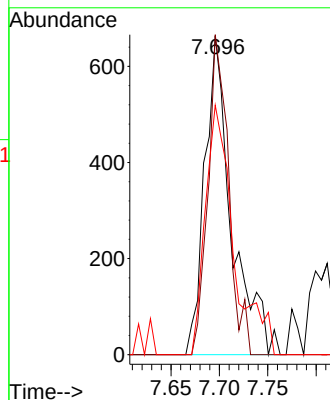
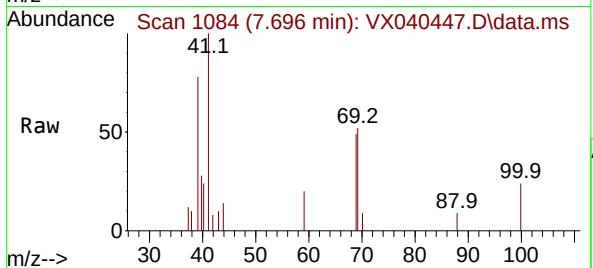
Ion	Ratio	Lower	Upper
41	100		
69	76.4	59.2	88.8
39	82.1	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#49

1,4-Dioxane

Concen: 17.748 ug/l

RT: 7.671 min Scan# 1080

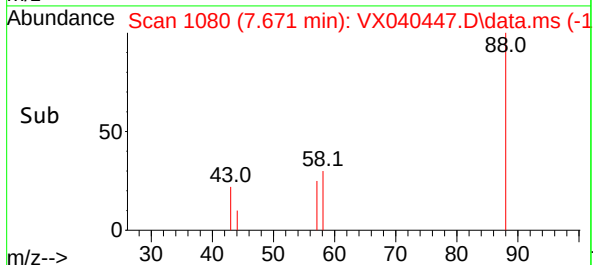
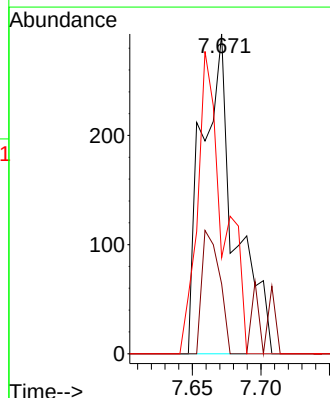
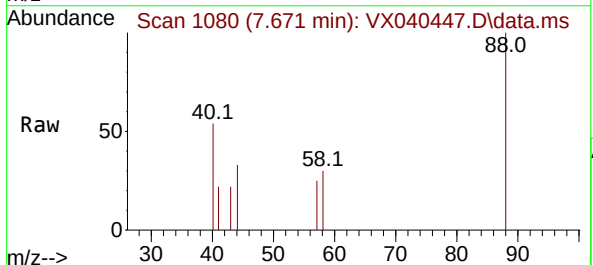
Delta R.T. 0.018 min

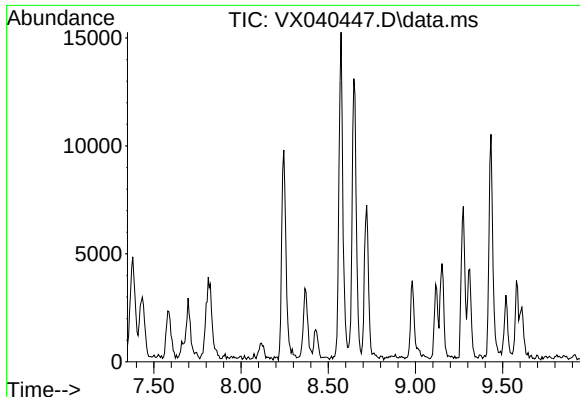
Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Tgt Ion: 88 Resp: 491

Ion	Ratio	Lower	Upper
88	100		
43	20.6	0.0	0.0
58	74.5	60.1	90.1





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

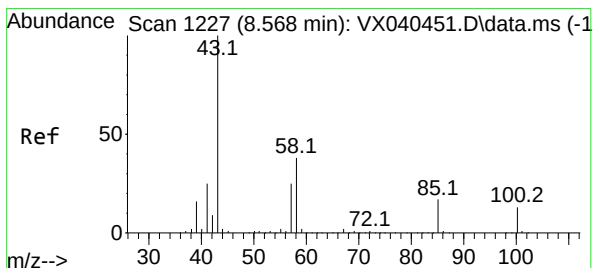
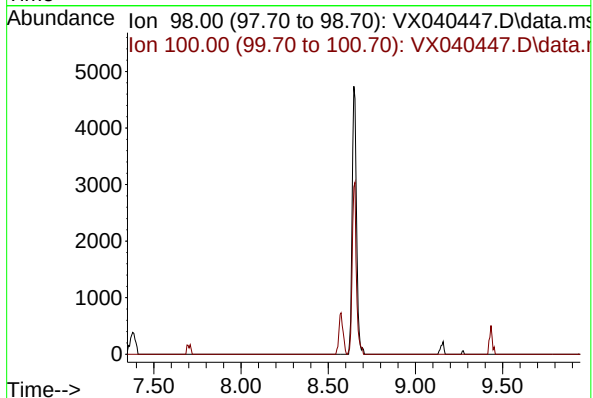
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.4

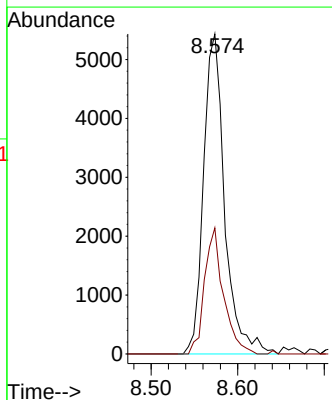
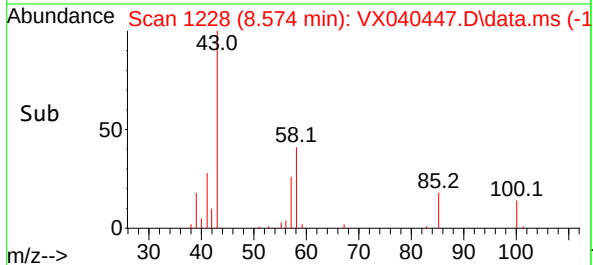
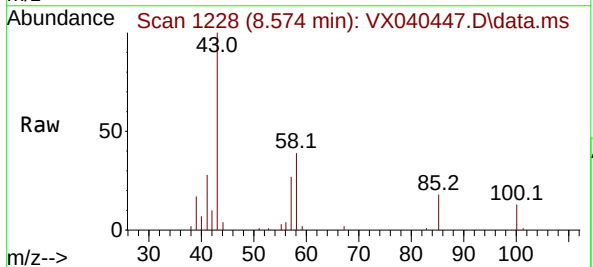
Manual Integrations APPROVED

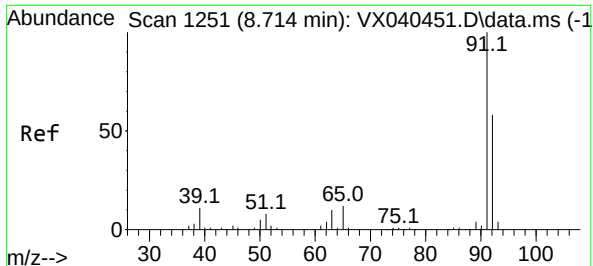
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#51
4-Methyl-2-Pentanone
Concen: 4.750 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

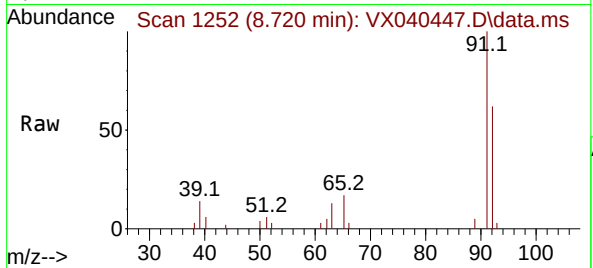
Tgt Ion: 43 Resp: 9190
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6





#52
Toluene
Concen: 0.928 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

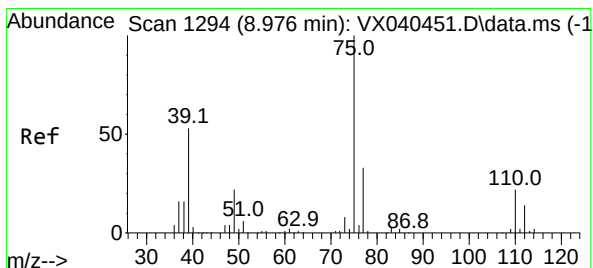
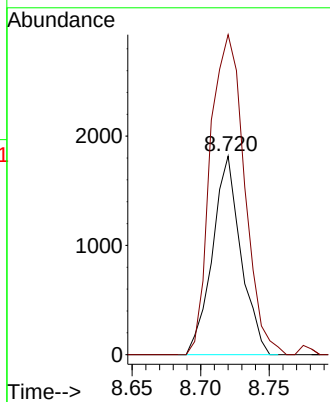
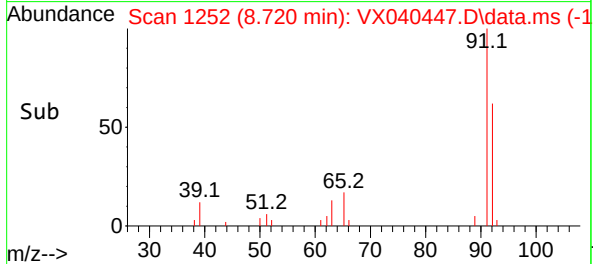
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



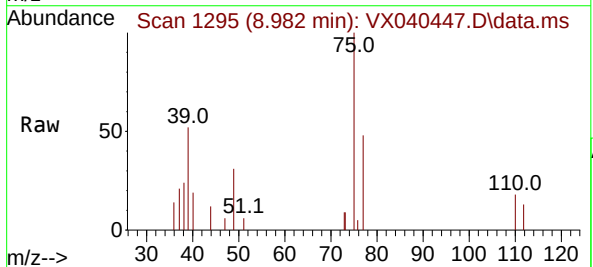
Tgt Ion: 92 Resp: 2628
Ion Ratio Lower Upper
92 100
91 192.8 134.2 201.2

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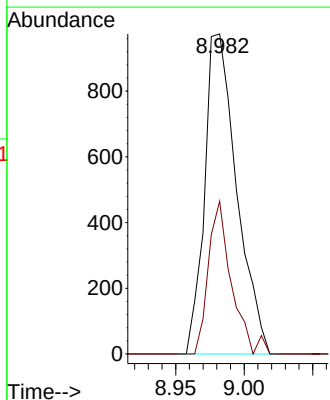
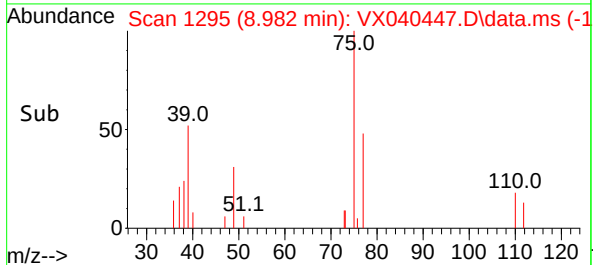
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

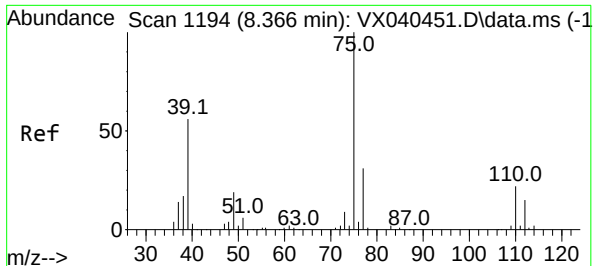


#53
t-1,3-Dichloropropene
Concen: 0.876 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



Tgt Ion: 75 Resp: 1589
Ion Ratio Lower Upper
75 100
77 47.7 25.7 38.5#





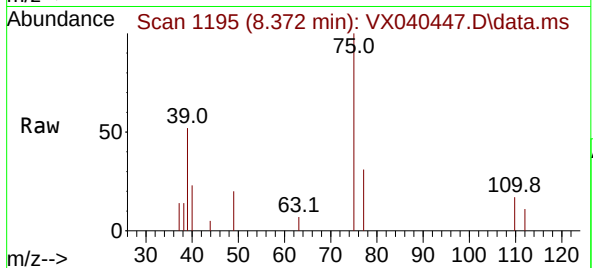
#54
 cis-1,3-Dichloropropene
 Concen: 0.989 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001



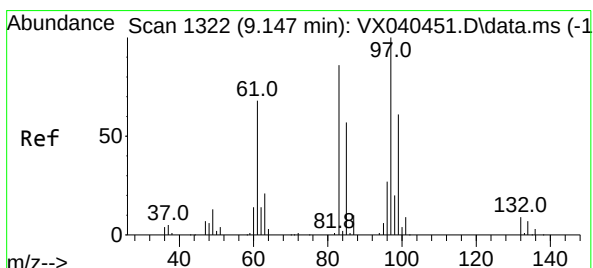
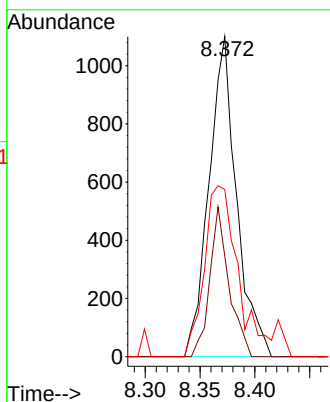
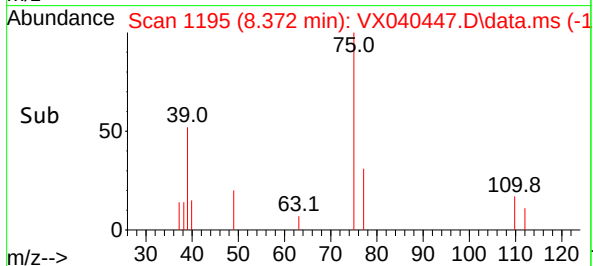
Tgt Ion: 75 Resp: 1928
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 52.3 46.7 70.1

Manual Integrations

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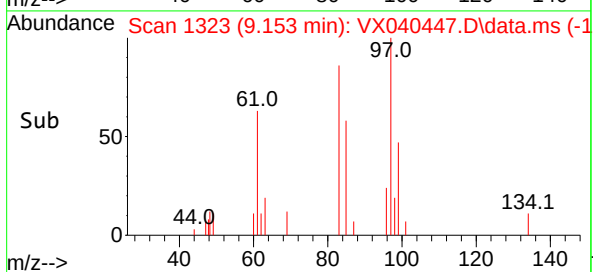
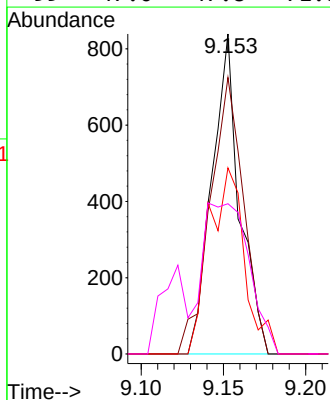
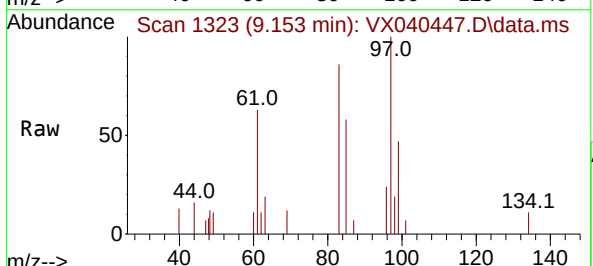
Reviewed By :John Carlone 02/27/2024

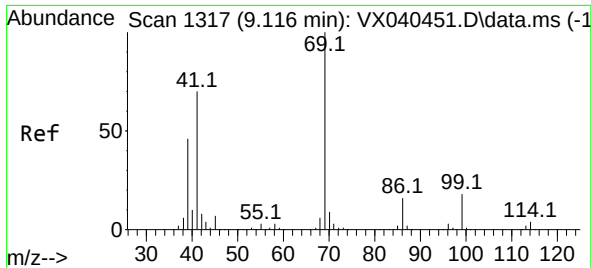
Supervised By :Semsettin Yesilyurt 02/27/2024



#55
 1,1,2-Trichloroethane
 Concen: 0.837 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

Tgt Ion: 97 Resp: 983
 Ion Ratio Lower Upper
 97 100
 83 86.4 65.8 98.8
 85 58.2 41.6 62.4
 99 47.0 47.8 71.8#





#56
Ethyl methacrylate
Concen: 0.824 ug/l
RT: 9.122 min Scan# 1497
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

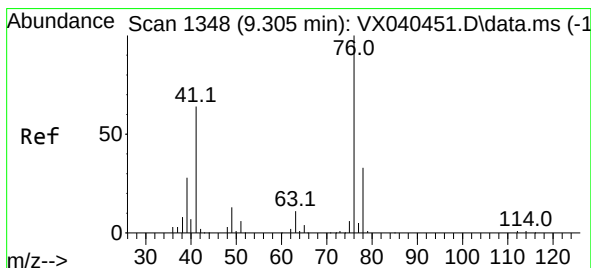
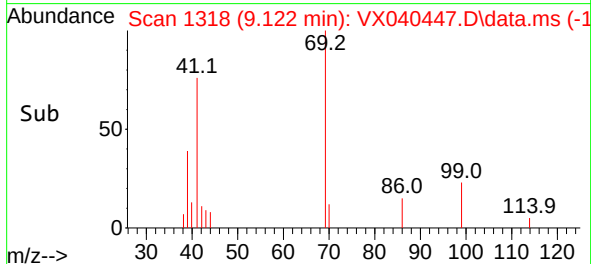
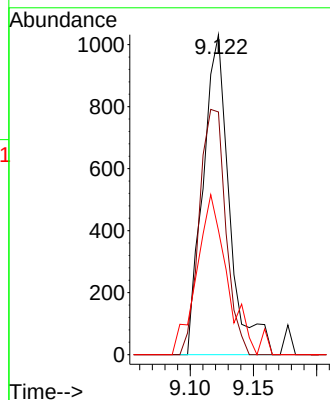
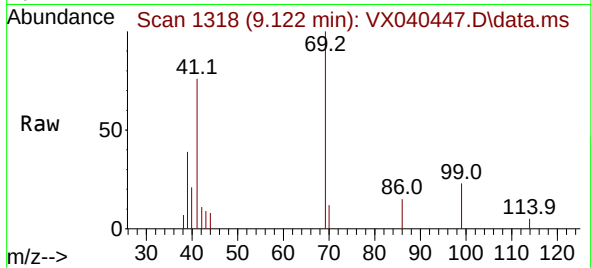
Tgt Ion: 69 Resp: 1497
Ion Ratio Lower Upper
69 100
41 77.0 56.8 85.2
39 57.1 32.0 48.0

Manual Integrations

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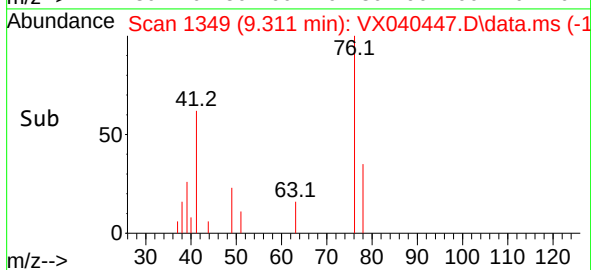
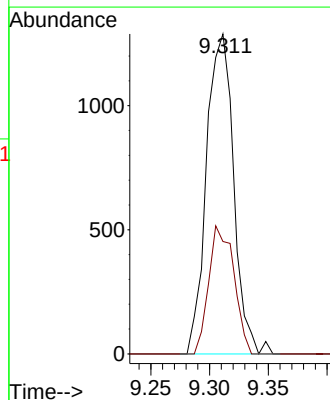
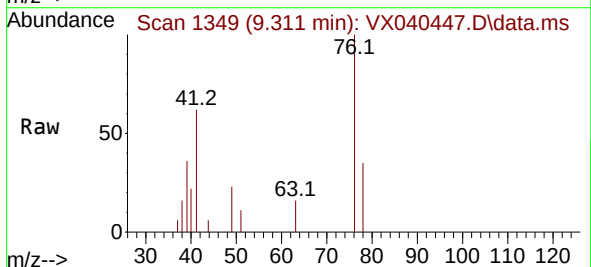
Reviewed By :John Carlone 02/27/2024

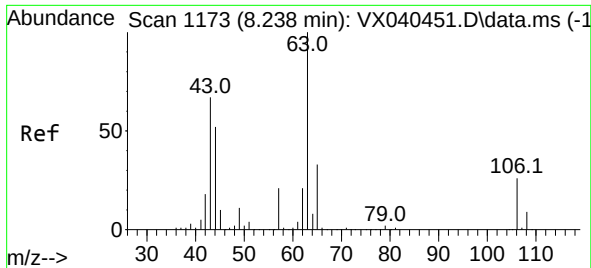
Supervised By :Semsettin Yesilyurt 02/27/2024



#57
1,3-Dichloropropane
Concen: 1.015 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 76 Resp: 2077
Ion Ratio Lower Upper
76 100
78 36.9 26.1 39.1





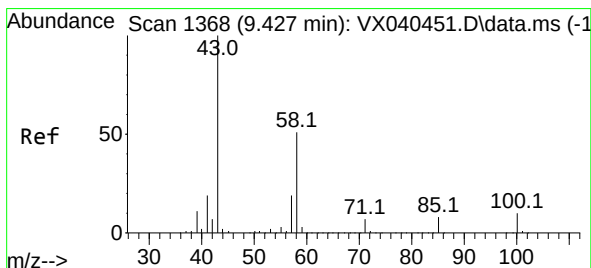
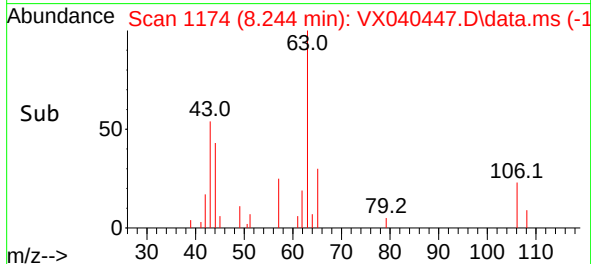
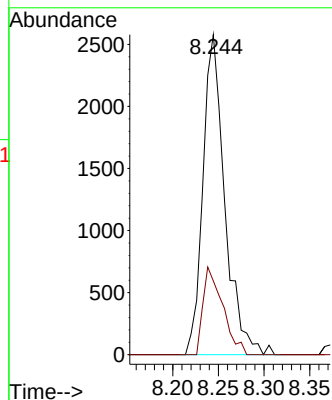
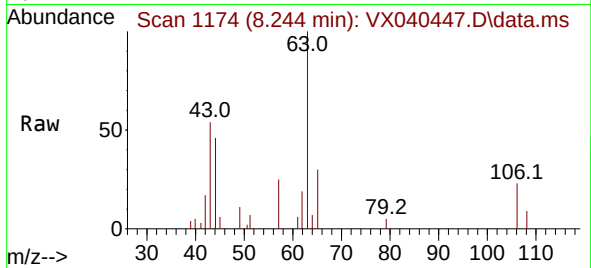
#58
2-Chloroethyl Vinyl ether
Concen: 4.513 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 4299
Ion Ratio Lower Upper
63 100
106 24.5 22.5 33.7

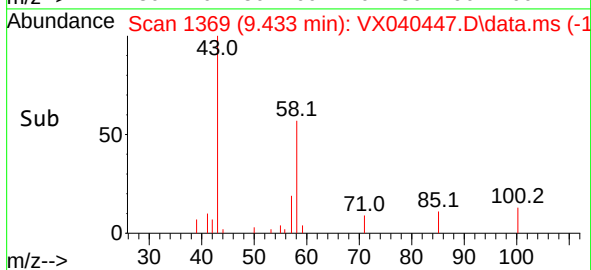
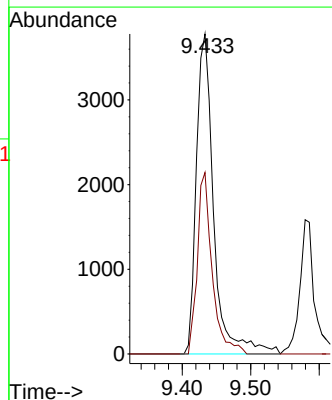
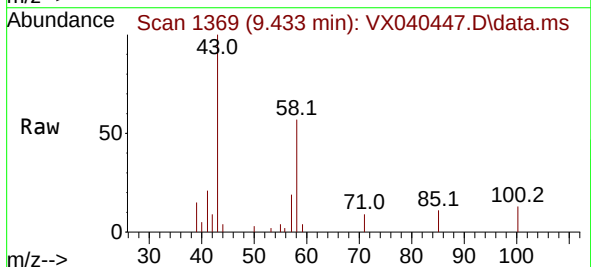
Manual Integrations
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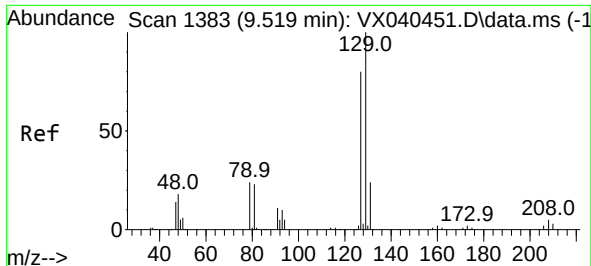
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#59
2-Hexanone
Concen: 4.483 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

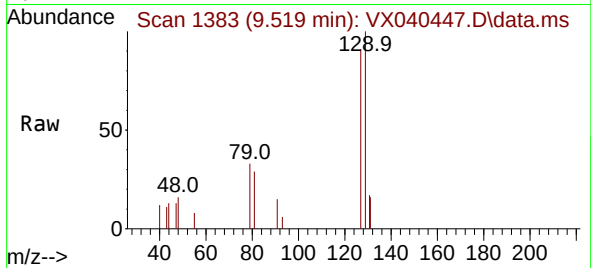
Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
58 48.5 26.2 78.5





#60
 Dibromochloromethane
 Concen: 0.957 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. -0.000 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

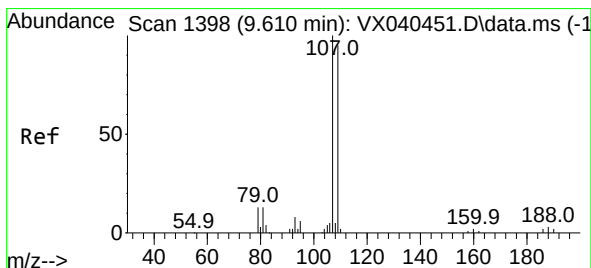
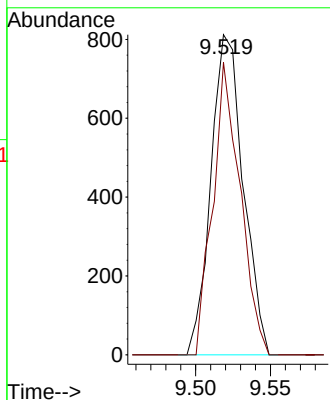
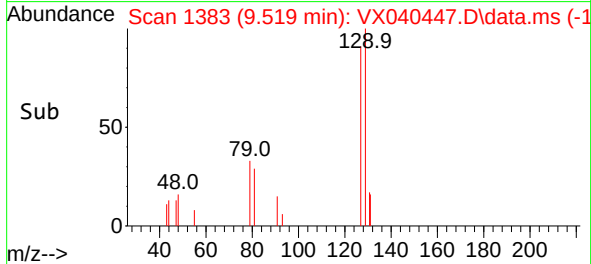
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



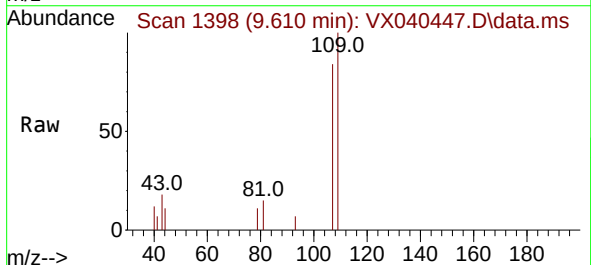
Tgt Ion:129 Resp: 122
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.8 116.4

Manual Integrations
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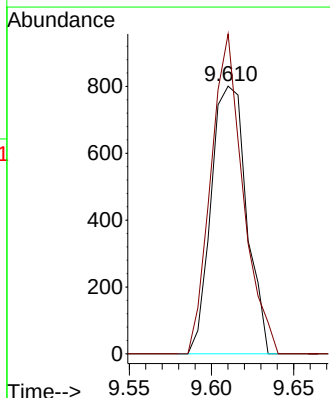
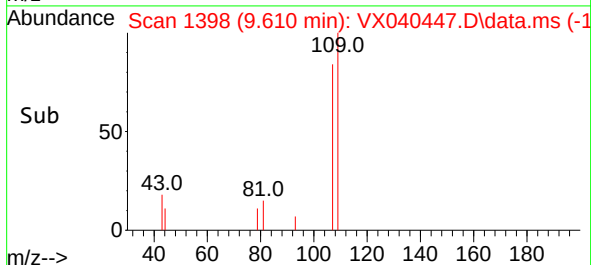
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

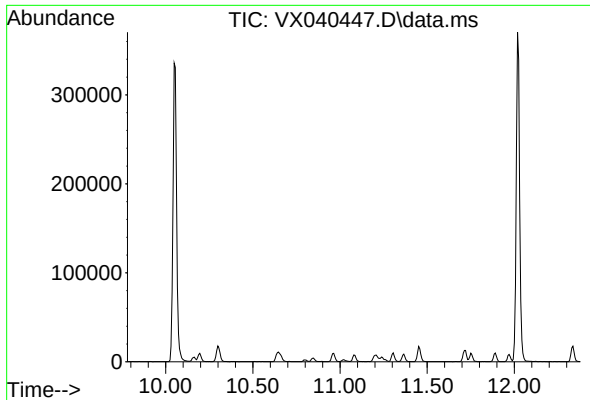


#61
 1,2-Dibromoethane
 Concen: 0.936 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22



Tgt Ion:107 Resp: 1200
 Ion Ratio Lower Upper
 107 100
 109 108.5 75.2 112.8





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

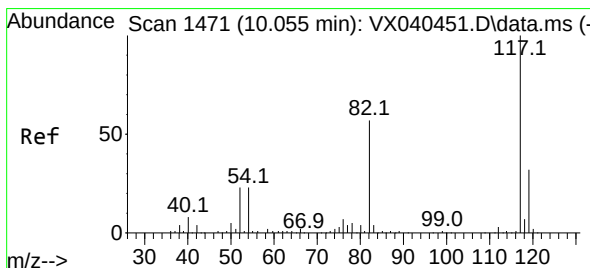
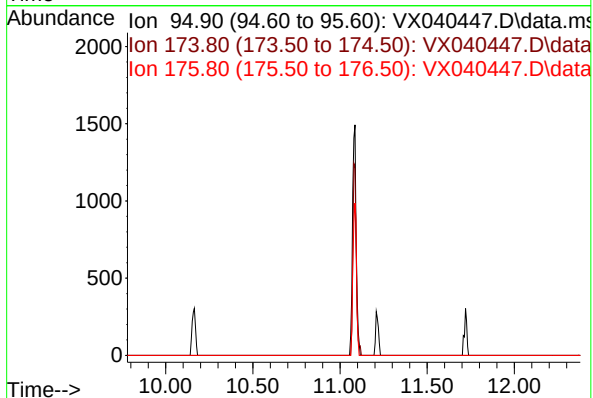
Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

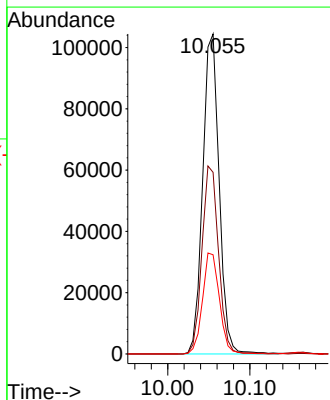
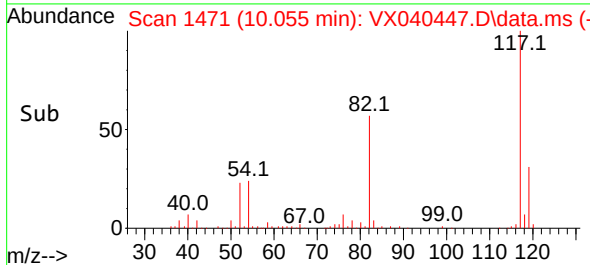
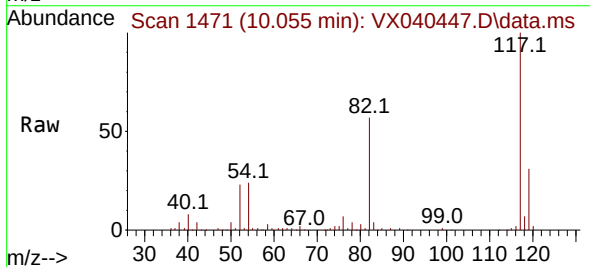
Supervised By :Semsettin Yesilyurt 02/27/2024

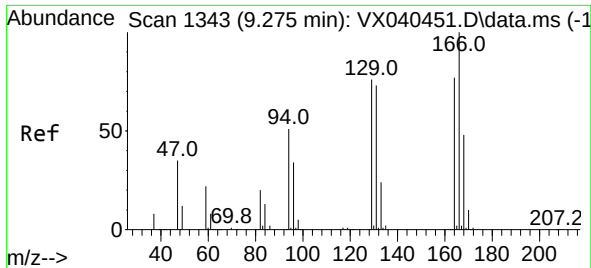
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 67.8
 176 65.5



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

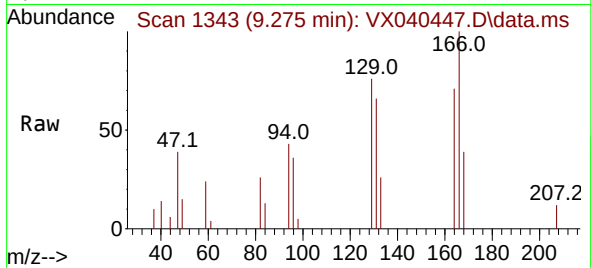
Tgt Ion:117 Resp: 145279
 Ion Ratio Lower Upper
 117 100
 82 56.7 46.2 69.4
 119 31.0 25.5 38.3





#64
Tetrachloroethene
Concen: 1.137 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

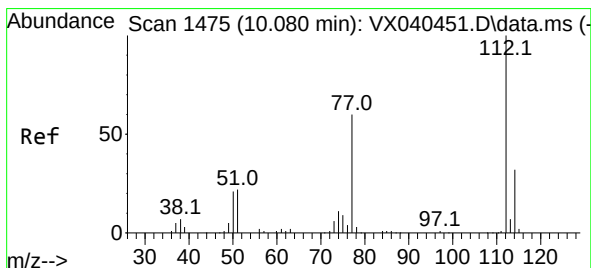
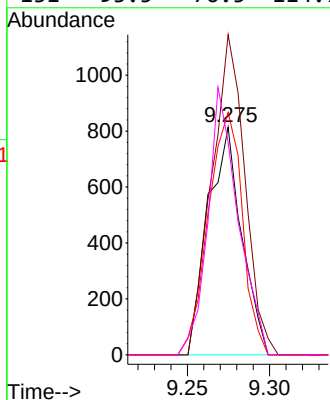
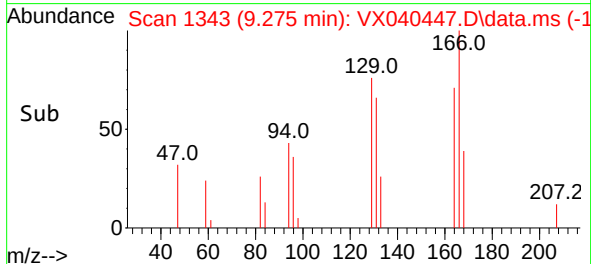
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1160
Ion Ratio Lower Upper
164 100
166 140.7 102.7 154.1
129 106.5 80.4 120.6
131 93.5 76.5 114.7

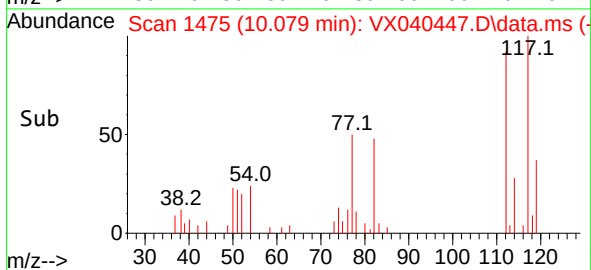
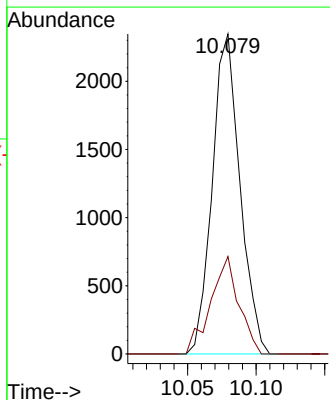
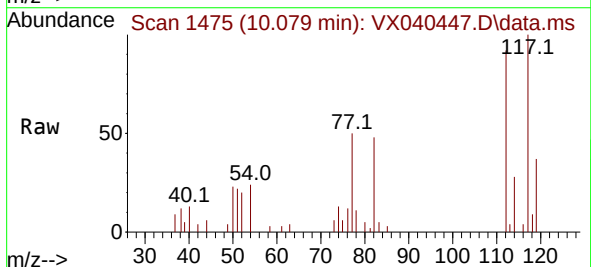
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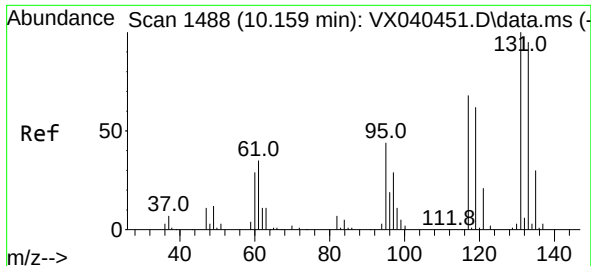
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#65
Chlorobenzene
Concen: 1.067 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion:112 Resp: 3298
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.918 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

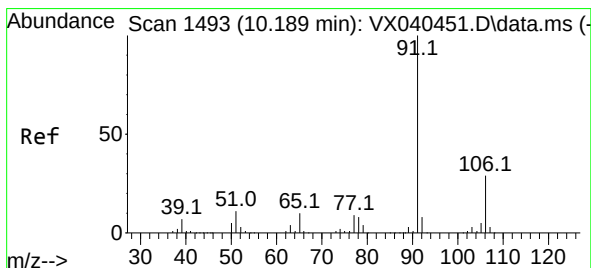
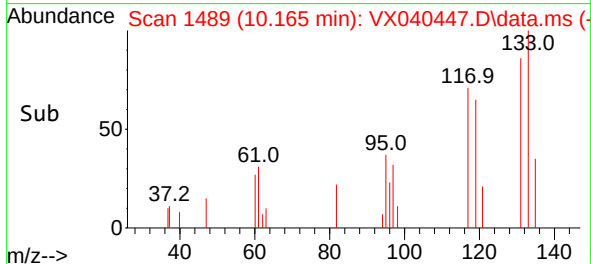
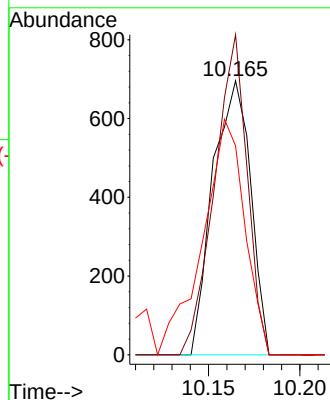
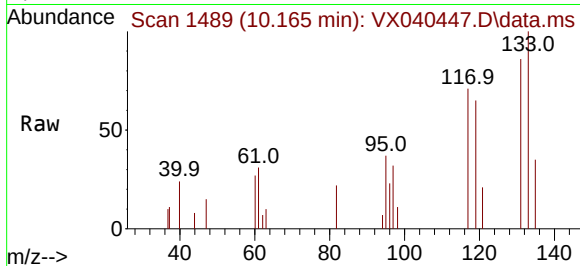
Tgt Ion:131 Resp: 1000
Ion Ratio Lower Upper
131 100
133 100.7 47.1 141.4
119 0.0 32.2 96.6

Manual Integrations

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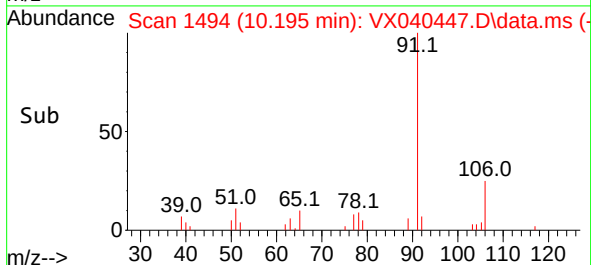
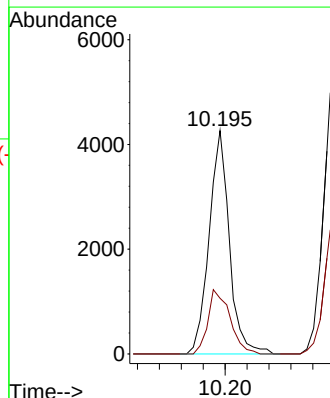
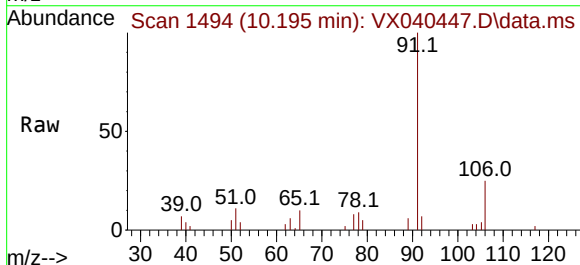
Reviewed By :John Carlone 02/27/2024

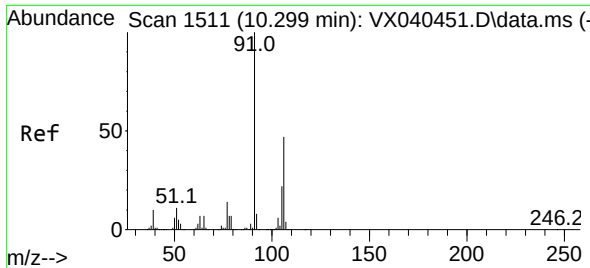
Supervised By :Semsettin Yesilyurt 02/27/2024



#67
Ethyl Benzene
Concen: 0.966 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

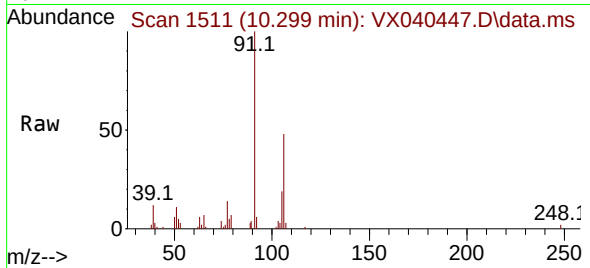
Tgt Ion: 91 Resp: 5464
Ion Ratio Lower Upper
91 100
106 24.9 24.9 37.3





#68
m/p-Xylenes
Concen: 2.041 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

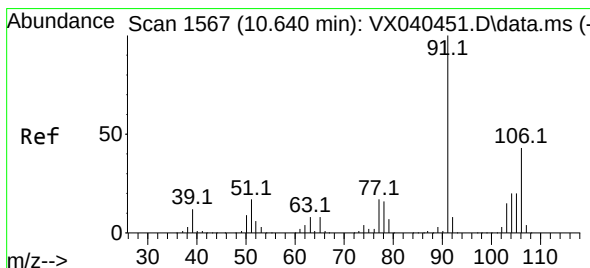
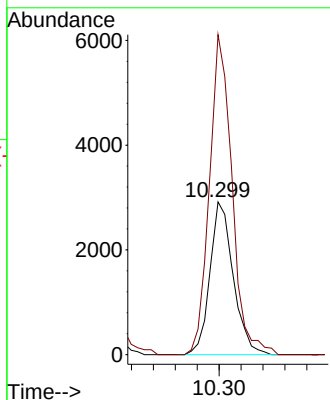
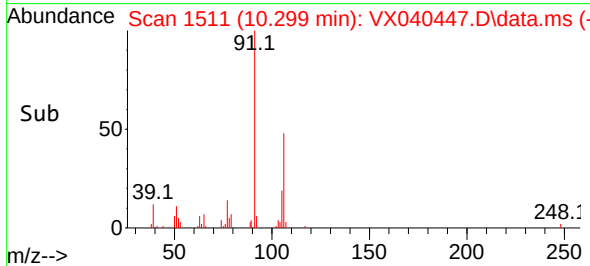
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:106 Resp: 431
Ion Ratio Lower Upper
106 100
91 203.4 165.5 248.3

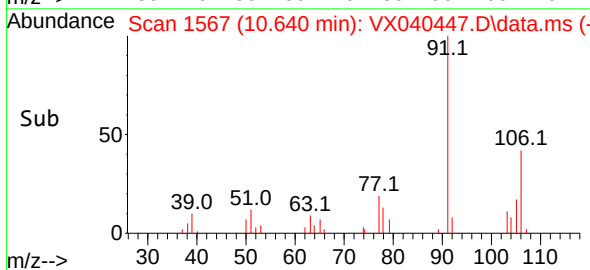
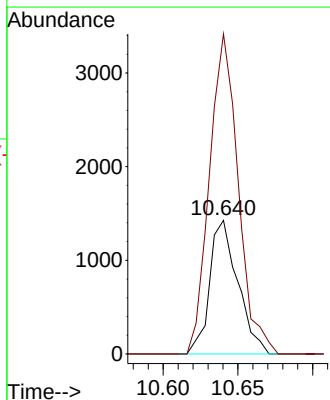
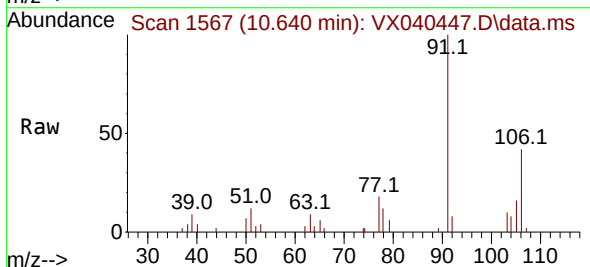
Manual Integrations
APPROVED

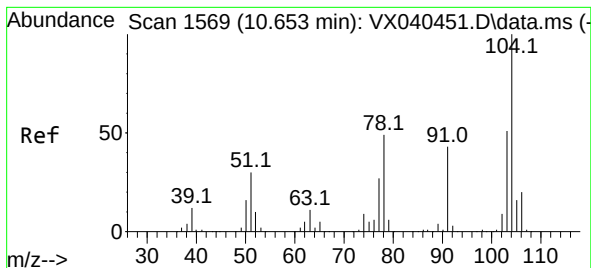
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#69
o-Xylene
Concen: 0.925 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion:106 Resp: 1869
Ion Ratio Lower Upper
106 100
91 244.5 108.9 326.8





#70

Styrene

Concen: 0.912 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

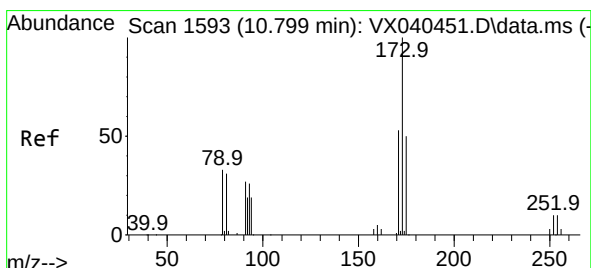
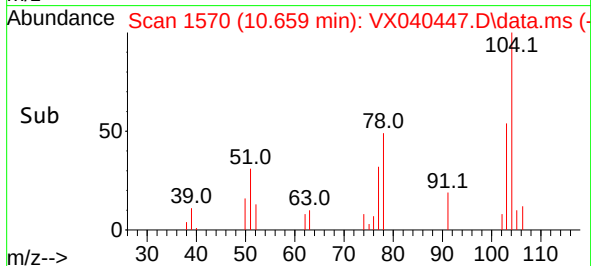
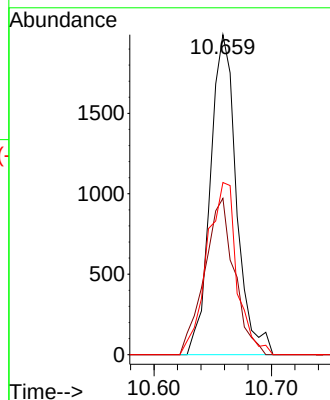
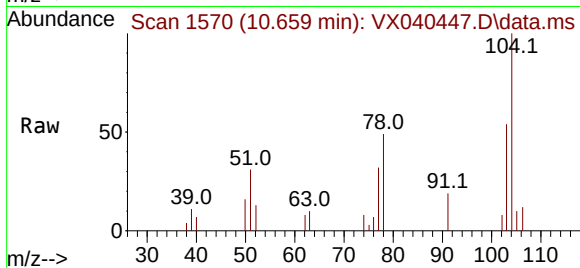
Tgt Ion:104	Resp:	3072
Ion Ratio	Lower	Upper
104	100	
78	55.9	43.6 65.4
103	62.1	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#71

Bromoform

Concen: 0.814 ug/l

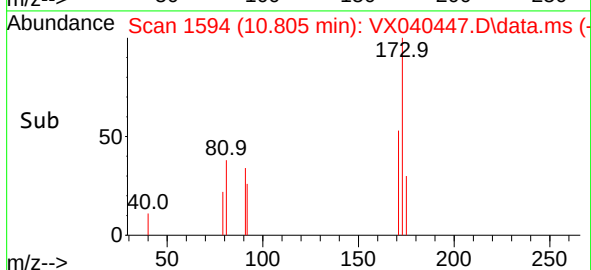
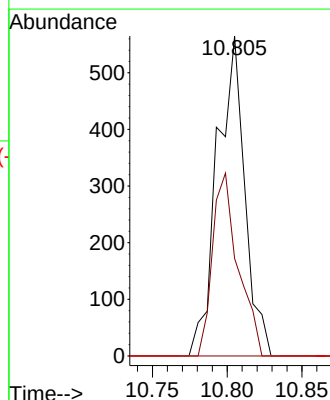
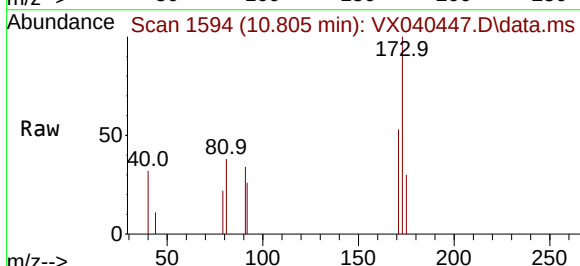
RT: 10.805 min Scan# 1594

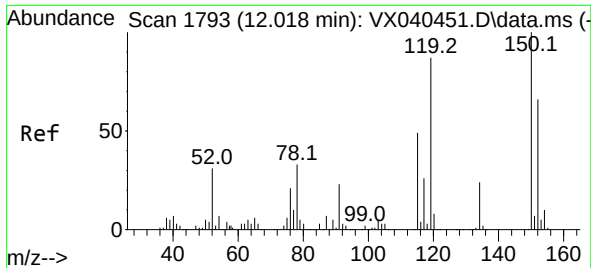
Delta R.T. 0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

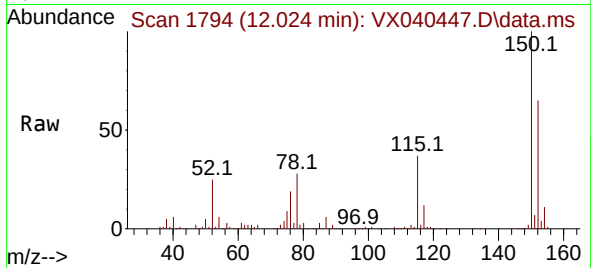
Tgt Ion:173	Resp:	726
Ion Ratio	Lower	Upper
173	100	
175	52.9	24.1 72.4
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

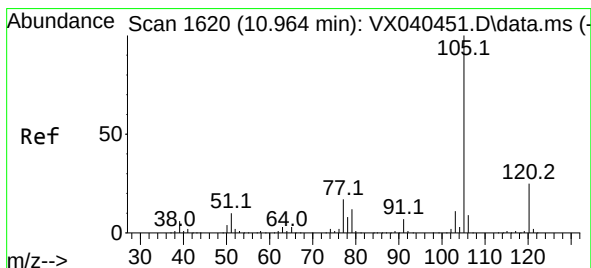
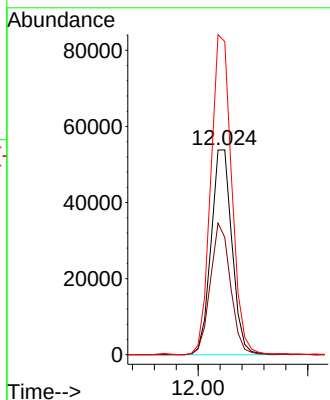
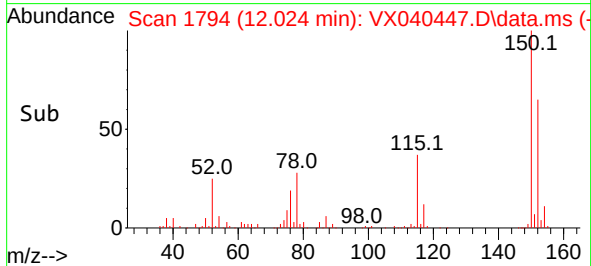
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



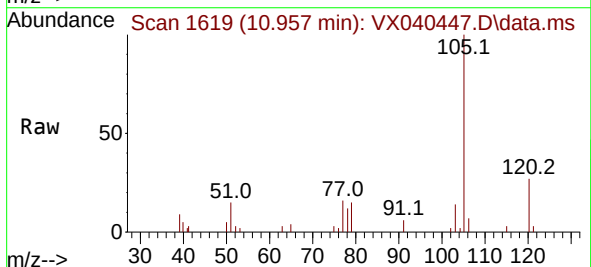
Tgt Ion:152 Resp: 71480
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 156.4 0.0 345.0

Manual Integrations
APPROVED

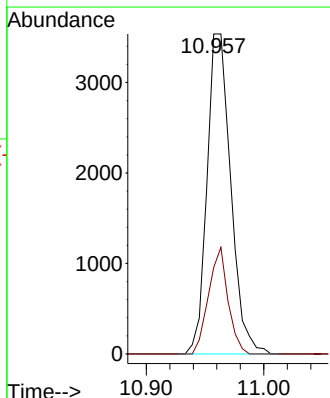
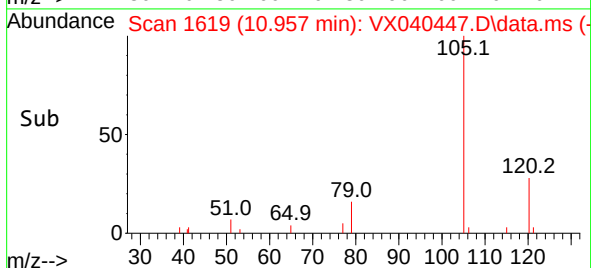
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

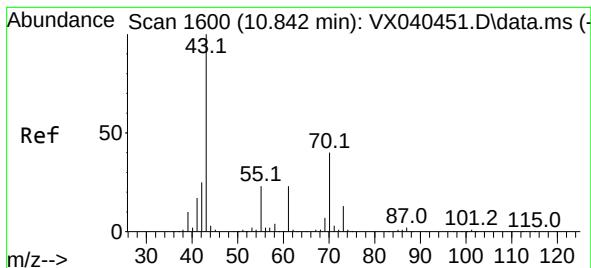


#73
Isopropylbenzene
Concen: 0.945 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



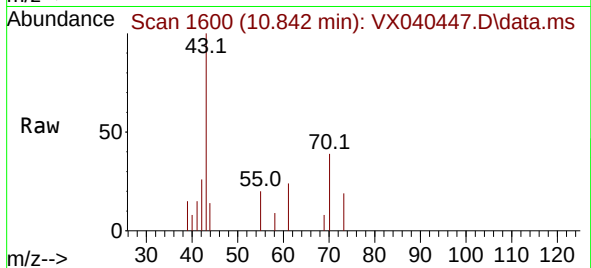
Tgt Ion:105 Resp: 4974
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6





#74
N-amy1 acetate
Concen: 0.852 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

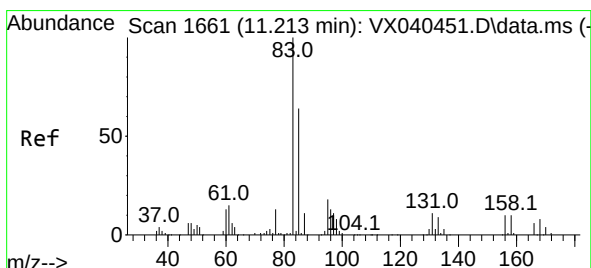
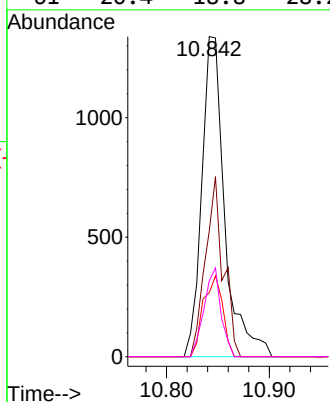
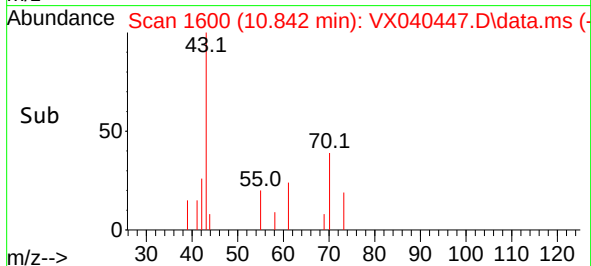
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



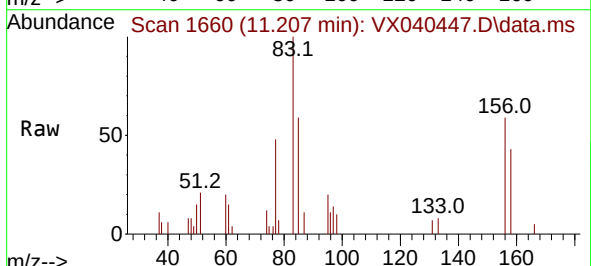
Tgt Ion:	43	Resp:	2084
Ion	Ratio	Lower	Upper
43	100		
70	43.8	32.9	49.3
55	21.3	19.3	28.9
61	20.4	18.8	28.2

Manual Integrations
APPROVED

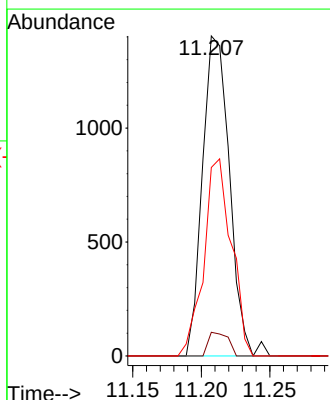
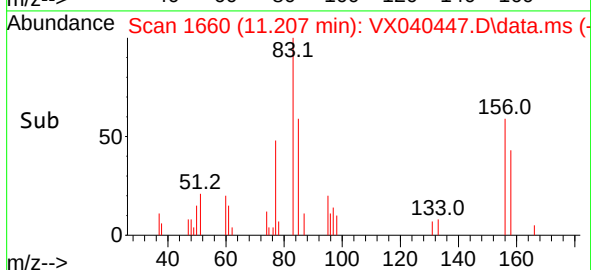
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

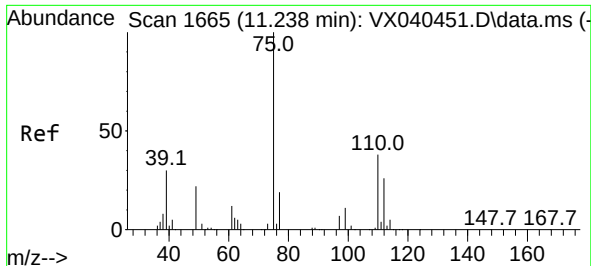


#75
1,1,2,2-Tetrachloroethane
Concen: 1.014 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



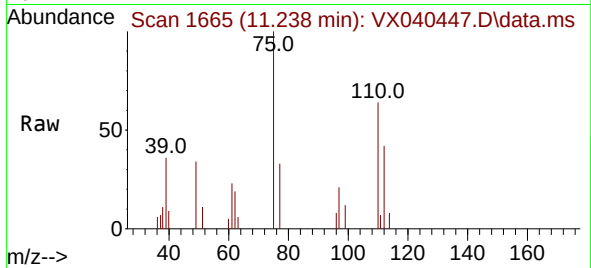
Tgt Ion:	83	Resp:	1930
Ion	Ratio	Lower	Upper
83	100		
131	5.4	5.3	15.8
85	62.7	32.0	96.2





#76
1,2,3-Trichloropropane
Concen: 1.040 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

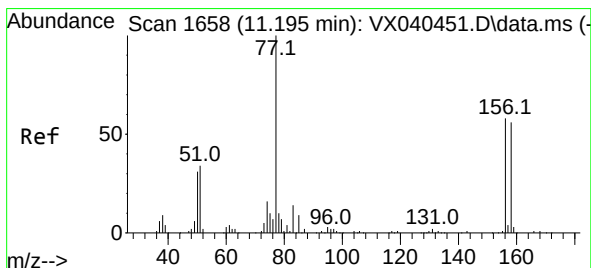
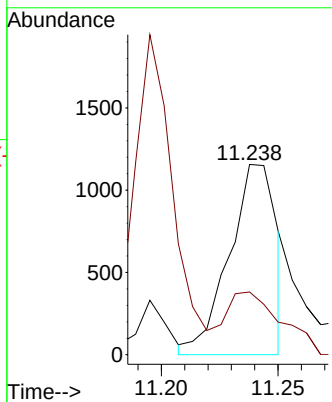
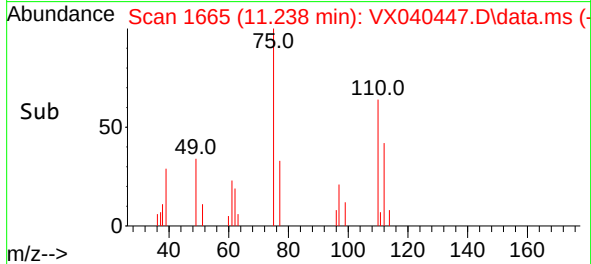
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



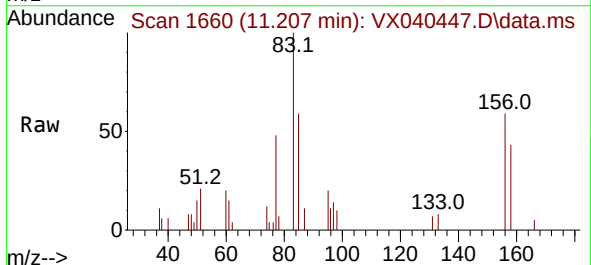
Tgt Ion: 75 Resp: 1630
Ion Ratio Lower Upper
75 100
77 39.2 19.1 57.5

Manual Integrations
APPROVED

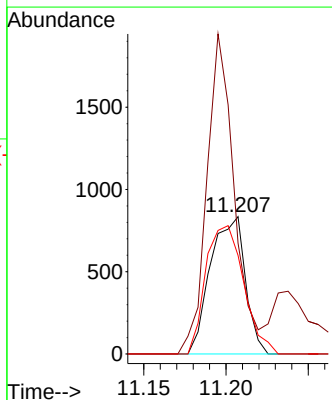
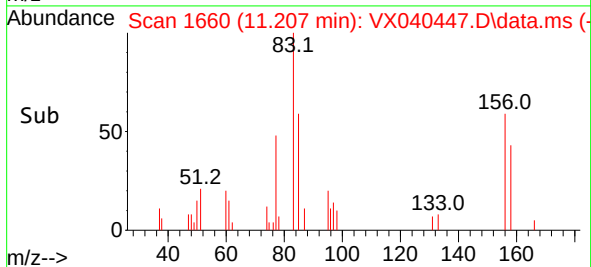
Reviewed By :John Carbone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

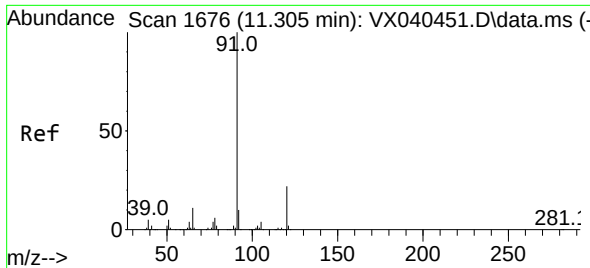


#77
Bromobenzene
Concen: 0.985 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



Tgt Ion:156 Resp: 1226
Ion Ratio Lower Upper
156 100
77 183.0 88.4 265.3
158 102.1 48.0 144.0





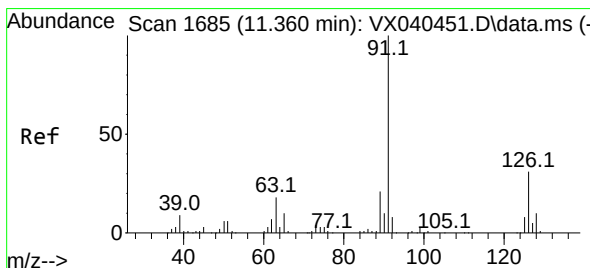
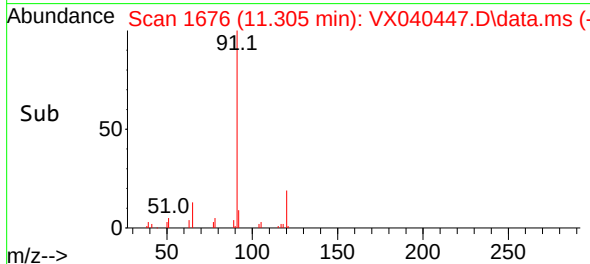
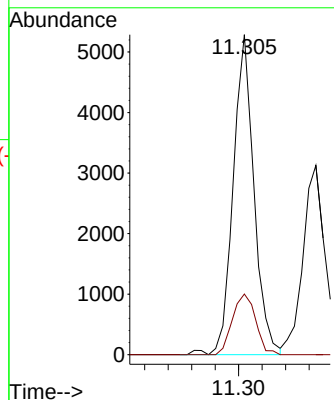
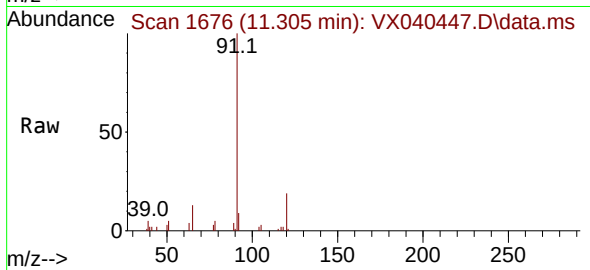
#78
n-propylbenzene
Concen: 0.995 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 649
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4

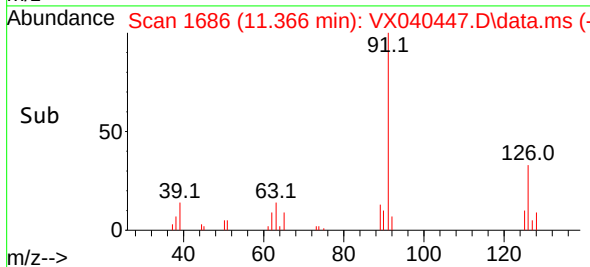
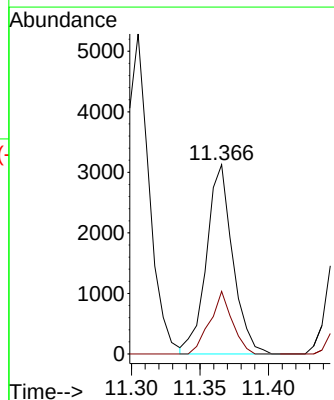
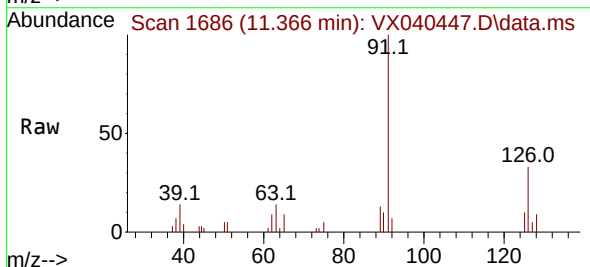
Manual Integrations
APPROVED

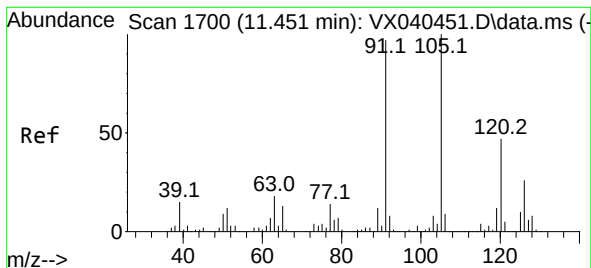
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#79
2-Chlorotoluene
Concen: 1.060 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion: 91 Resp: 4167
Ion Ratio Lower Upper
91 100
126 28.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.918 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 410

Ion Ratio Lower Upper

105 100

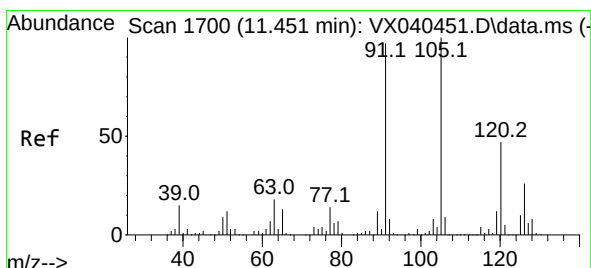
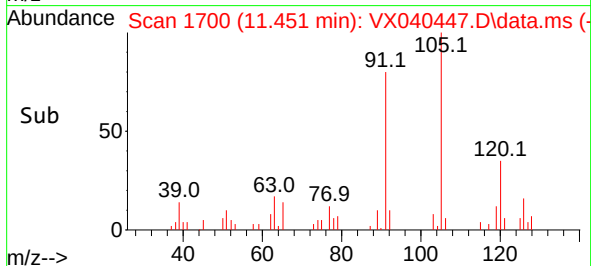
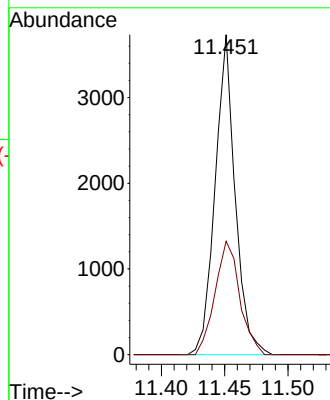
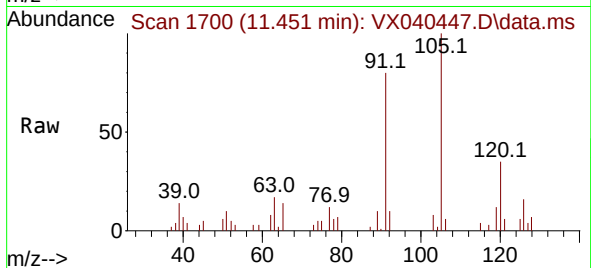
120 43.7 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#82

4-Chlorotoluene

Concen: 0.992 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX040447.D

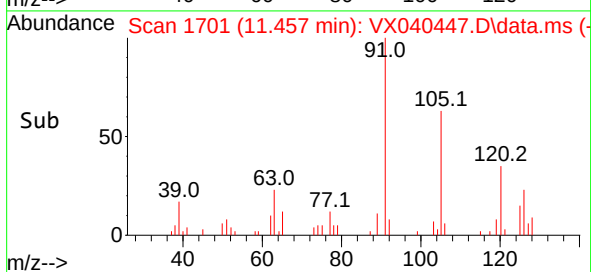
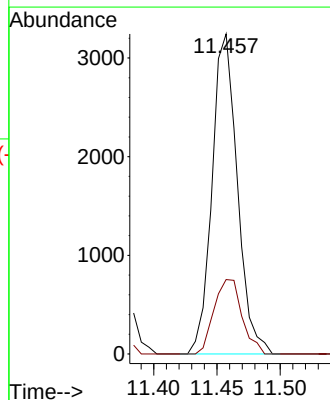
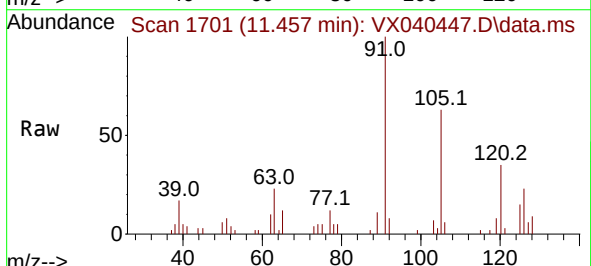
Acq: 26 Feb 2024 09:22

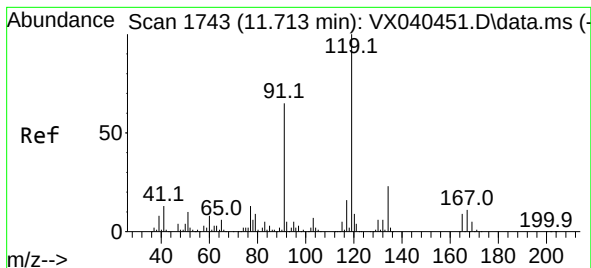
Tgt Ion: 91 Resp: 4510

Ion Ratio Lower Upper

91 100

126 25.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.912 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:119 Resp: 3850

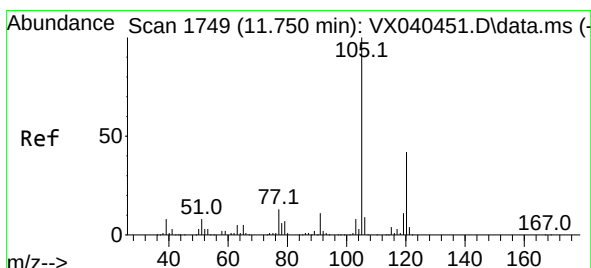
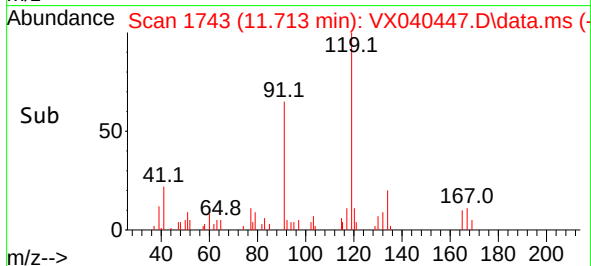
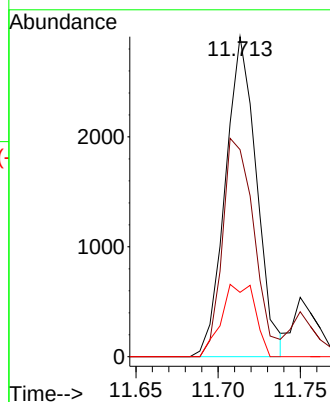
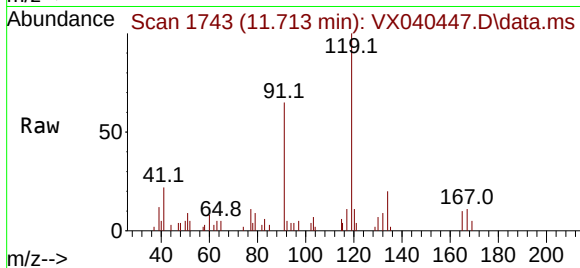
Ion	Ratio	Lower	Upper
119	100		
91	69.4	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.910 ug/l

RT: 11.750 min Scan# 1749

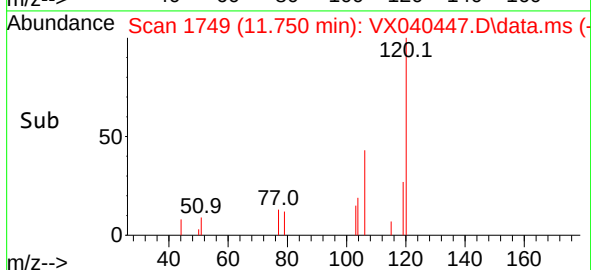
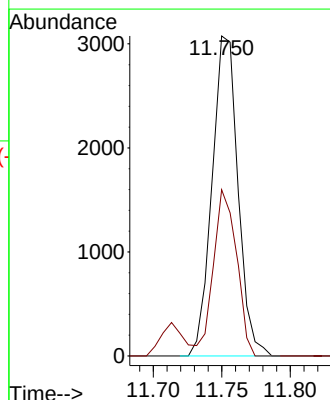
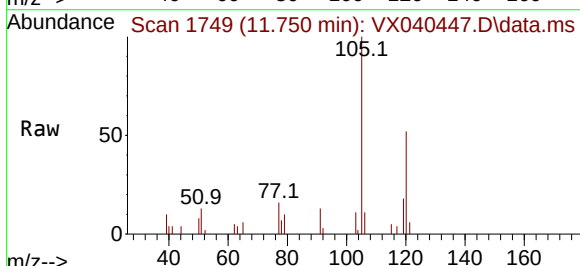
Delta R.T. -0.000 min

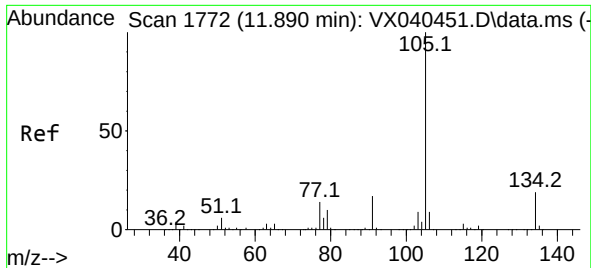
Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Tgt Ion:105 Resp: 4043

Ion	Ratio	Lower	Upper
105	100		
120	46.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.901 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

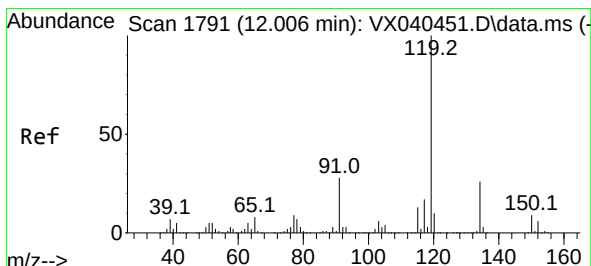
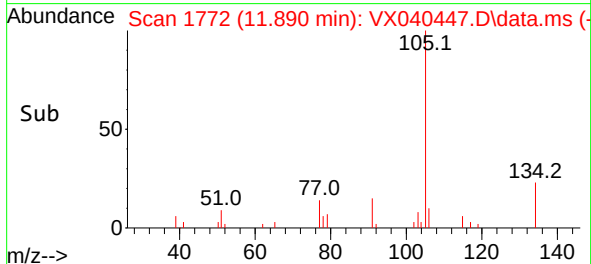
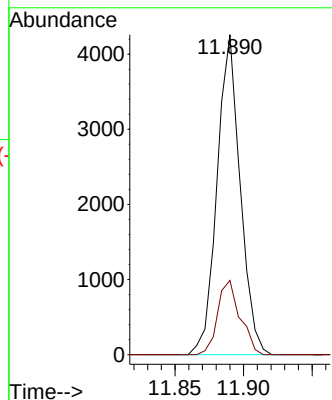
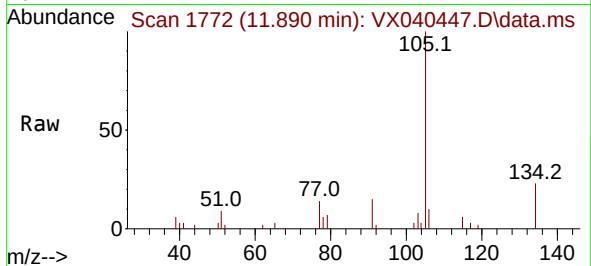
VSTDIC001

Tgt Ion:105 Resp: 4990
 Ion Ratio Lower Upper
 105 100
 134 22.5 9.8 29.4

Manual Integrations

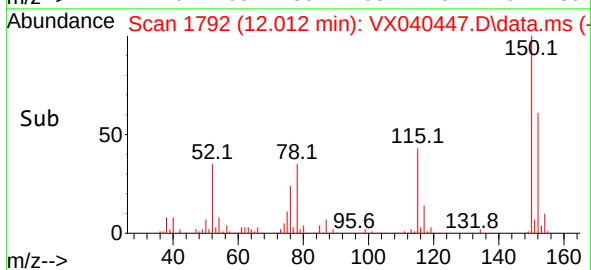
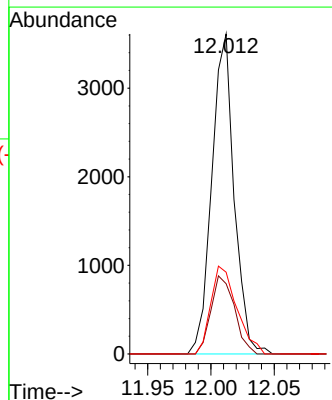
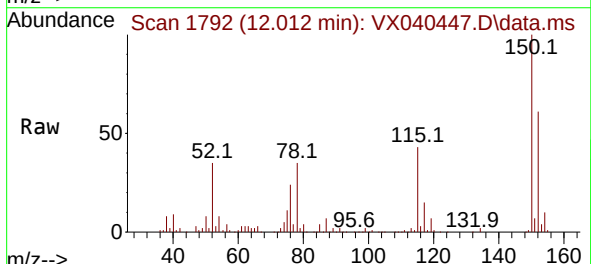
APPROVED

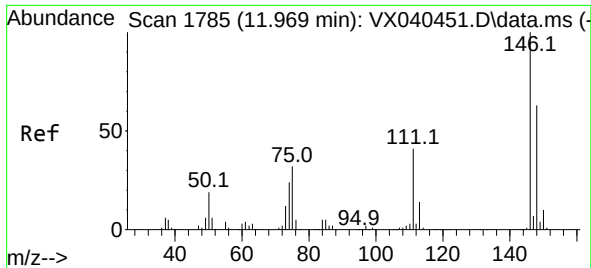
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024



#86
 p-Isopropyltoluene
 Concen: 0.970 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040447.D
 Acq: 26 Feb 2024 09:22

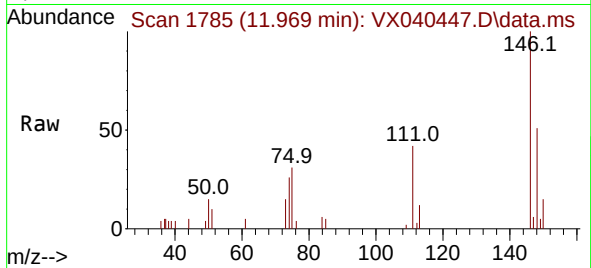
Tgt Ion:119 Resp: 4435
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 32.1 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 1.089 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

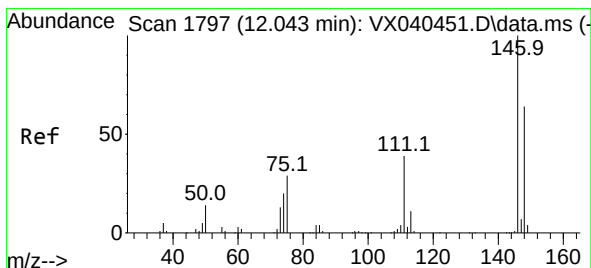
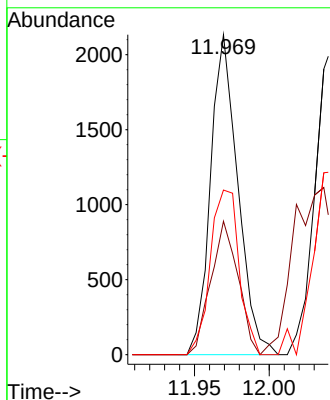
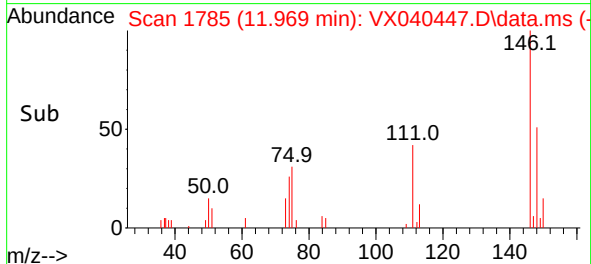
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:146 Resp: 2700
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.1
148 54.6 31.8 95.3

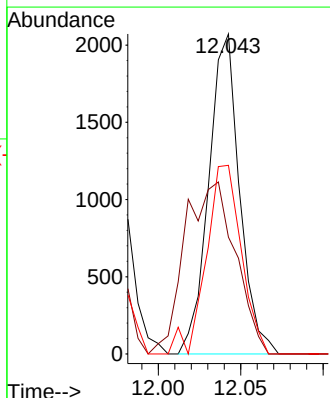
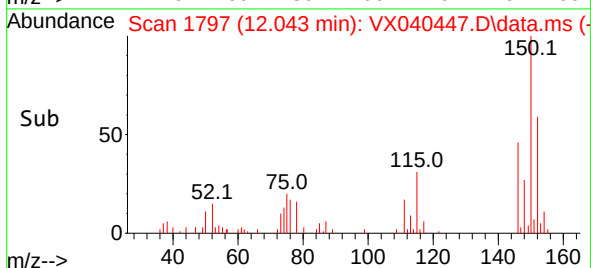
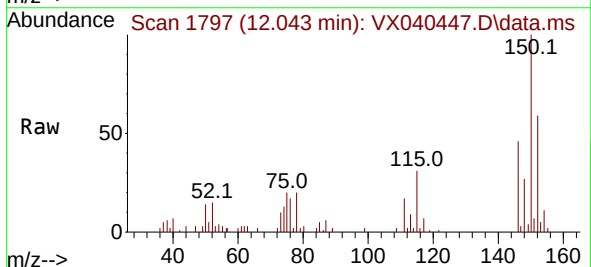
Manual Integrations
APPROVED

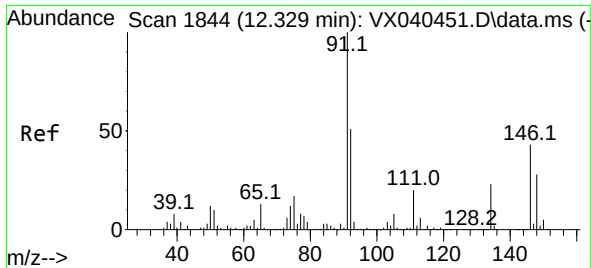
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#88
1,4-Dichlorobenzene
Concen: 1.069 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

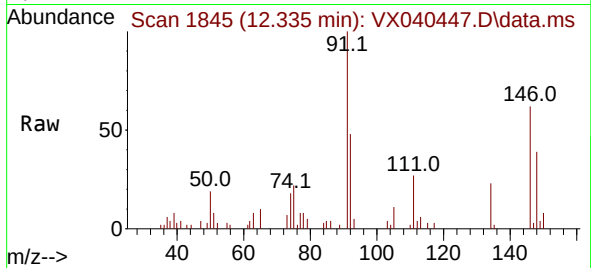
Tgt Ion:146 Resp: 2699
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 54.6 31.8 95.4





#89
n-Butylbenzene
Concen: 0.956 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

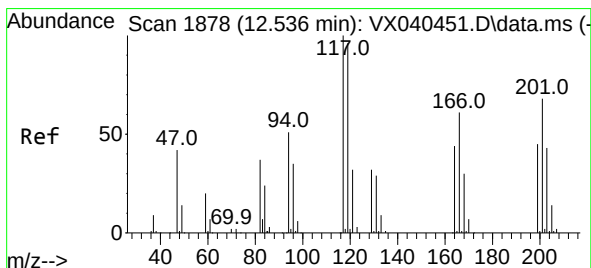
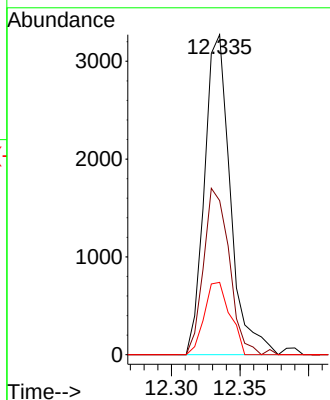
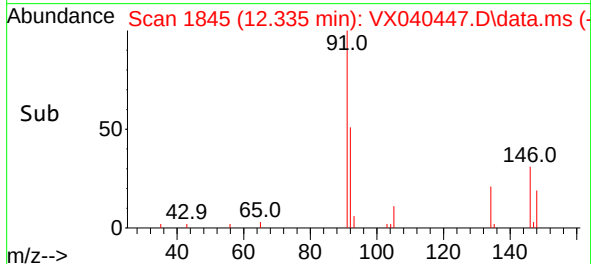
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 4299
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 22.4 12.6 37.8

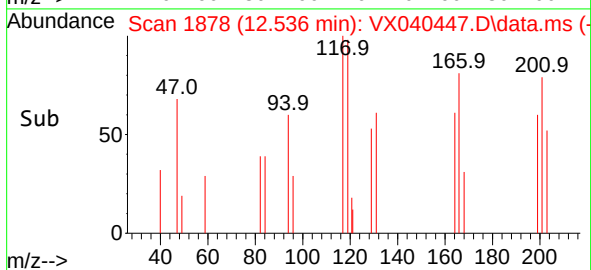
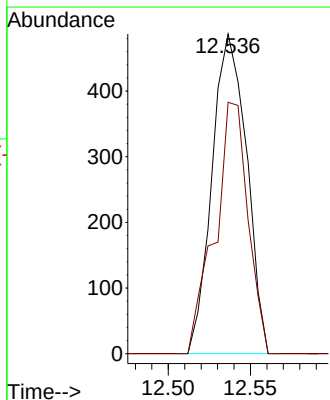
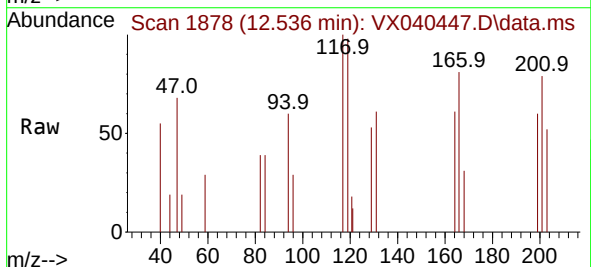
Manual Integrations
APPROVED

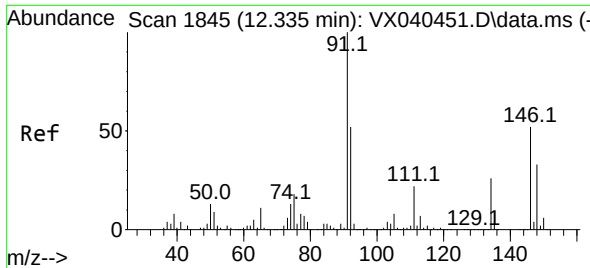
Reviewed By :John Carbone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#90
Hexachloroethane
Concen: 0.935 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

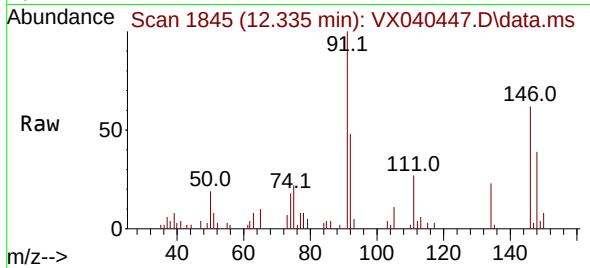
Tgt Ion:117 Resp: 711
Ion Ratio Lower Upper
117 100
201 75.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 1.074 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

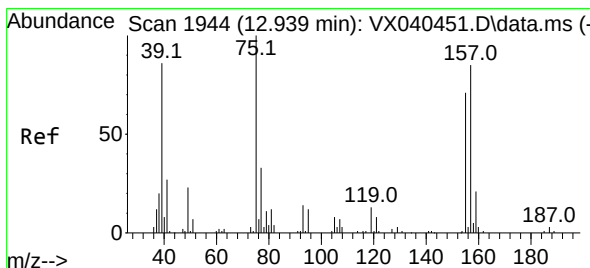
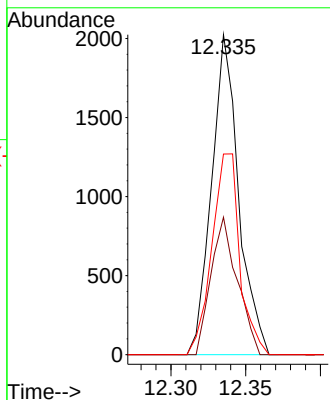
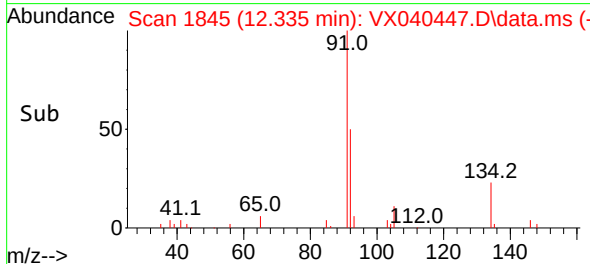
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



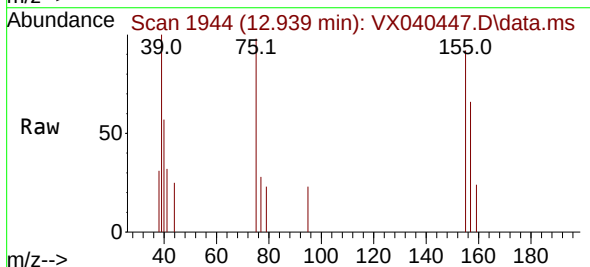
Tgt Ion:146 Resp: 2540
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations
APPROVED

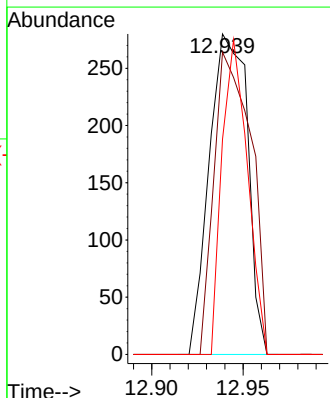
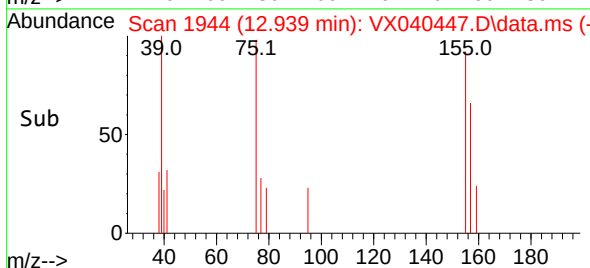
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

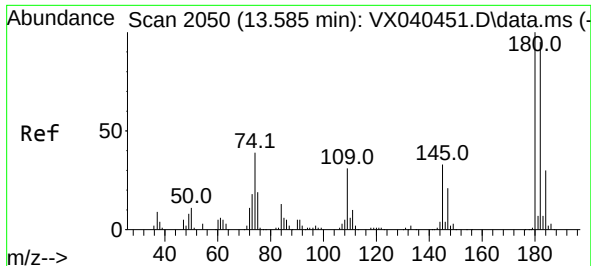


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.915 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22



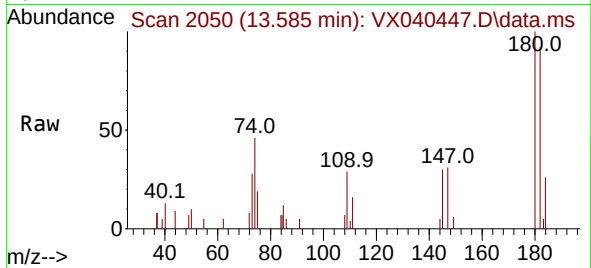
Tgt Ion: 75 Resp: 406
Ion Ratio Lower Upper
75 100
155 91.4 36.1 108.5
157 66.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 1.076 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

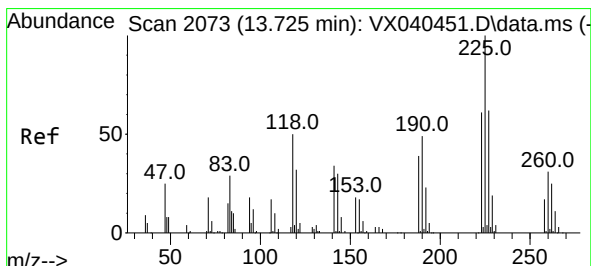
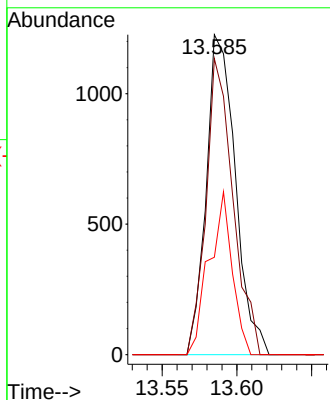
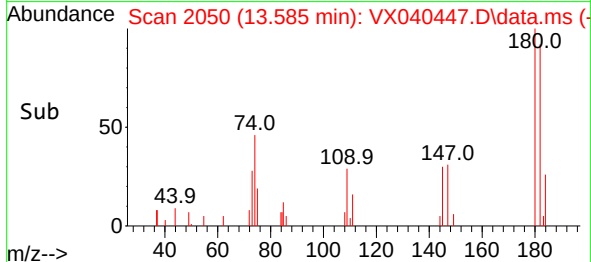
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:180 Resp: 1660
Ion Ratio Lower Upper
180 100
182 85.7 48.3 144.8
145 40.3 18.0 54.0

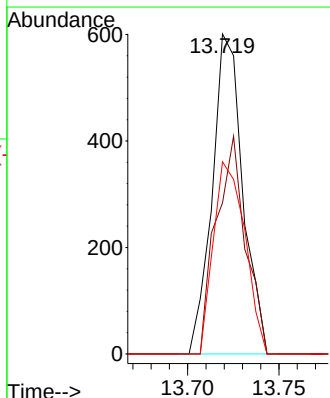
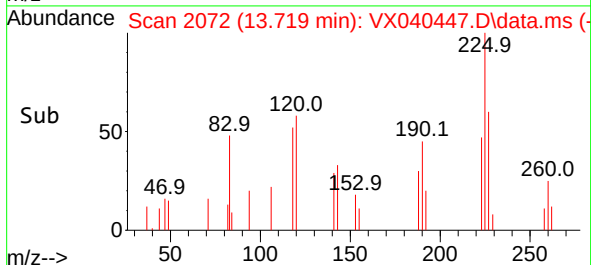
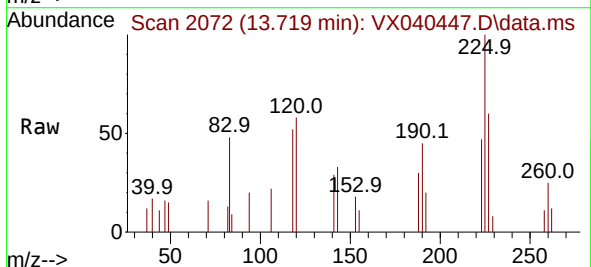
Manual Integrations
APPROVED

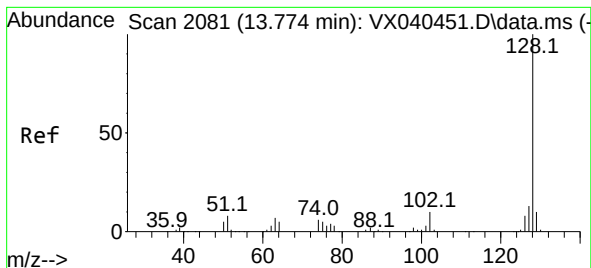
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#94
Hexachlorobutadiene
Concen: 1.108 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040447.D
Acq: 26 Feb 2024 09:22

Tgt Ion:225 Resp: 699
Ion Ratio Lower Upper
225 100
223 65.5 31.1 93.2
227 62.1 32.5 97.5





#95

Naphthalene

Concen: 0.899 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

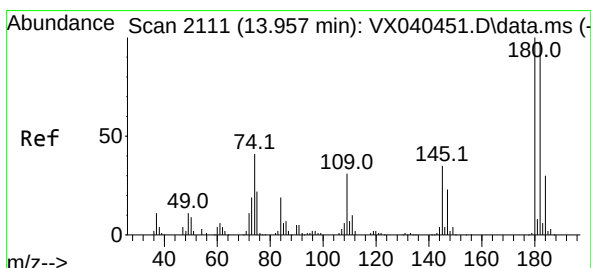
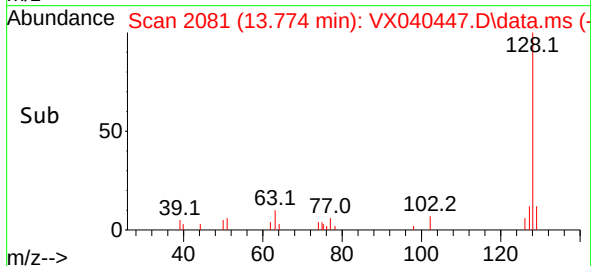
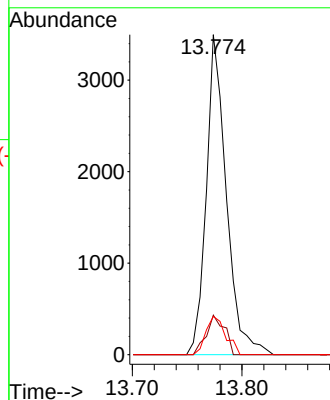
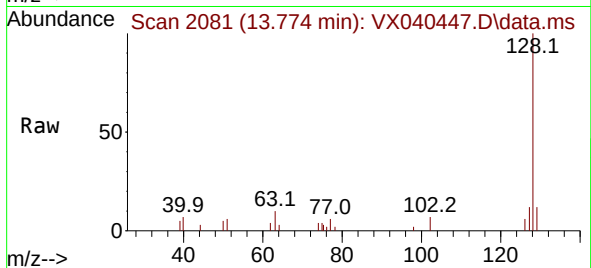
Tgt Ion:128	Resp:	443
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.3 15.5
129	11.8	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.969 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040447.D

Acq: 26 Feb 2024 09:22

Tgt Ion:180	Resp:	1422
Ion Ratio	Lower	Upper
180	100	
182	107.9	46.9 140.6
145	37.1	17.8 53.5

