

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037067.D
 Acq On : 17 Aug 2023 18:53
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 18 06:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	169647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	120722	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	1626	0.825	ug/l	95
3) Chloromethane	1.294	50	1535	0.890	ug/l	99
4) Vinyl Chloride	1.374	62	1792	0.955	ug/l	100
6) Chloroethane	1.685	64	1146	1.038	ug/l	94
7) Trichlorofluoromethane	1.886	101	3175	1.033	ug/l	96
8) Diethyl Ether	2.130	74	1174	0.987	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	1851	1.032	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1729	0.990	ug/l	89
14) Allyl chloride	2.660	41	2669	0.987	ug/l	95
15) Acrylonitrile	3.068	53	4904	4.789	ug/l	97
16) Acetone	2.380	43	5096	5.326	ug/l #	87
17) Carbon Disulfide	2.514	76	4896	1.102	ug/l	98
18) Methyl Acetate	2.709	43	3586	0.995	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	6238	0.942	ug/l	92
20) Methylene Chloride	2.788	84	2682	1.253	ug/l #	83
21) trans-1,2-Dichloroethene	3.099	96	1921	0.968	ug/l #	78
22) Diisopropyl ether	3.770	45	5248	0.946	ug/l #	94
23) Vinyl Acetate	3.727	43	18722	4.405	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	3297	0.948	ug/l	98
25) 2-Butanone	4.574	43	6767	4.697	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	2929	0.943	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	2194	0.937	ug/l	90
28) Bromochloromethane	4.897	49	1494	0.961	ug/l #	68
29) Tetrahydrofuran	5.019	42	4332	4.715	ug/l #	87
30) Chloroform	5.092	83	3934	1.008	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	3298	0.943	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	2834	1.037	ug/l	96
37) Ethyl Acetate	4.727	43	2880	1.032	ug/l #	94
38) Carbon Tetrachloride	5.684	117	2893	0.974	ug/l #	80
39) Methylcyclohexane	7.379	83	3038	1.058	ug/l #	81
40) Benzene	6.044	78	7367	0.940	ug/l	99
41) Methacrylonitrile	4.940	41	1344m	0.926	ug/l	
42) 1,2-Dichloroethane	6.092	62	2927	0.952	ug/l	99
43) Isopropyl Acetate	6.348	43	3879	0.875	ug/l #	92
44) Trichloroethene	7.129	130	2271	1.022	ug/l	82
45) 1,2-Dichloropropane	7.434	63	1770	0.916	ug/l	94

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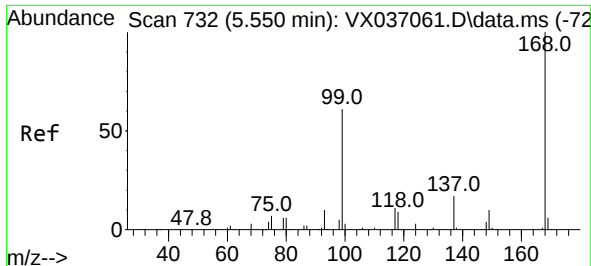
Quant Time: Aug 18 06:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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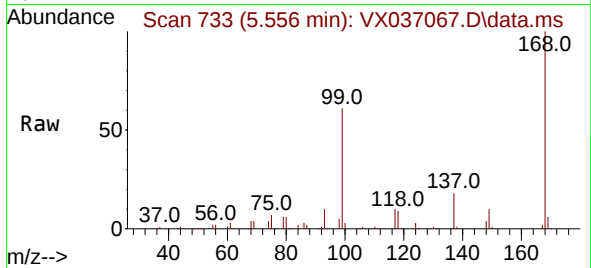
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1387	0.911	ug/l	95
47) Bromodichloromethane	7.824	83	2580	0.885	ug/l	98
48) Methyl methacrylate	7.702	41	1995	0.923	ug/l	87
49) 1,4-Dioxane	7.665	88	1033	17.745	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	12726	4.728	ug/l	92
52) Toluene	8.720	92	5027	0.971	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	2403	0.774	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	2971	0.885	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	1976	0.937	ug/l	92
56) Ethyl methacrylate	9.122	69	2948	0.892	ug/l	88
57) 1,3-Dichloropropane	9.311	76	3472	0.977	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	7211	4.549	ug/l	92
59) 2-Hexanone	9.433	43	9206	4.486	ug/l	91
60) Dibromochloromethane	9.525	129	1841	0.820	ug/l	99
61) 1,2-Dibromoethane	9.610	107	2166	0.938	ug/l	96
64) Tetrachloroethene	9.275	164	2058	1.083	ug/l	90
65) Chlorobenzene	10.079	112	5595	1.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1796	0.884	ug/l #	63
67) Ethyl Benzene	10.195	91	9806	1.012	ug/l	94
68) m/p-Xylenes	10.305	106	7658	2.047	ug/l	96
69) o-Xylene	10.640	106	3636	0.985	ug/l	96
70) Styrene	10.659	104	5619	0.924	ug/l	96
71) Bromoform	10.799	173	1250	0.822	ug/l #	94
73) Isopropylbenzene	10.963	105	9365	1.067	ug/l	98
74) N-amyl acetate	10.848	43	3159	0.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	3119	1.055	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	2769m	1.077	ug/l	
77) Bromobenzene	11.201	156	2186	1.020	ug/l	94
78) n-propylbenzene	11.305	91	10161	1.040	ug/l	96
79) 2-Chlorotoluene	11.366	91	6723	1.077	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	7302	0.998	ug/l	100
82) 4-Chlorotoluene	11.457	91	7478	1.038	ug/l	100
83) tert-Butylbenzene	11.713	119	7369	1.056	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	7517	1.016	ug/l	98
85) sec-Butylbenzene	11.890	105	8240	1.011	ug/l	95
86) p-Isopropyltoluene	12.006	119	7127	1.015	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	4133	1.030	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	4550m	1.116	ug/l	
89) n-Butylbenzene	12.335	91	5887	1.012	ug/l	98
90) Hexachloroethane	12.536	117	1034	0.883	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	3818	0.972	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	568	0.827	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	2290	0.996	ug/l	97
94) Hexachlorobutadiene	13.725	225	941	1.060	ug/l	93
95) Naphthalene	13.774	128	12521	1.243	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2116	0.926	ug/l	95

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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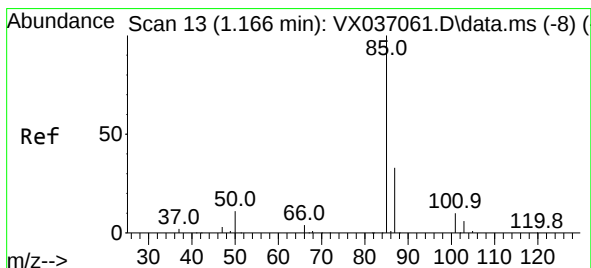
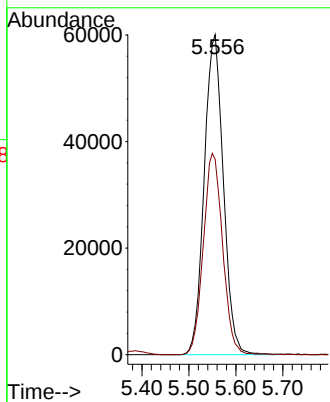
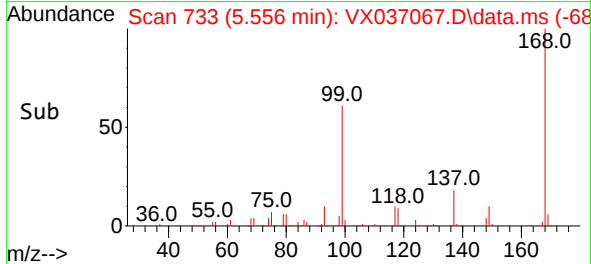
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 16964
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0

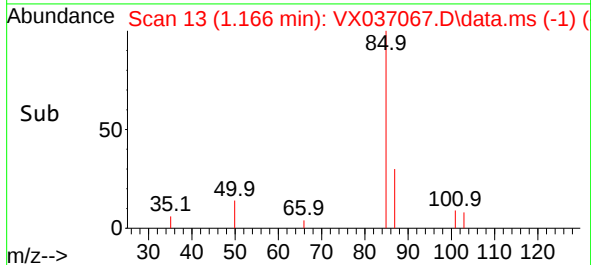
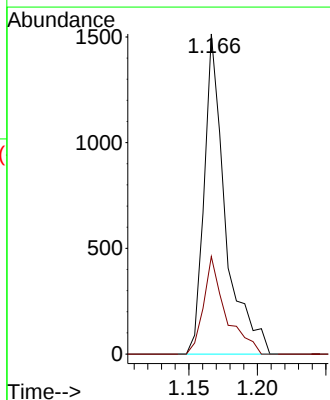
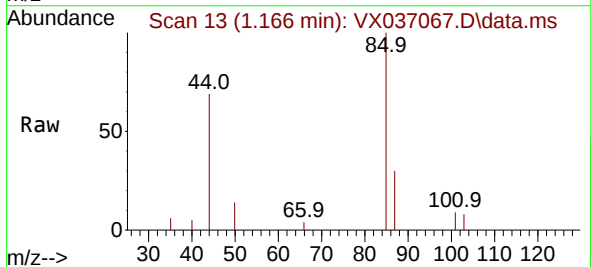
Manual Integrations
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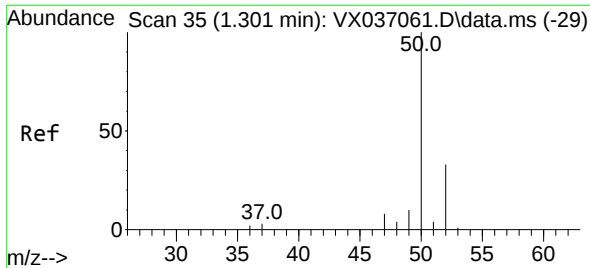
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 0.825 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 85 Resp: 1626
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





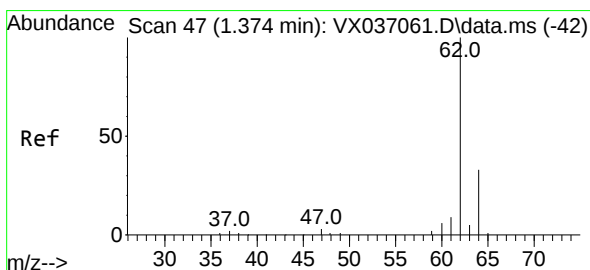
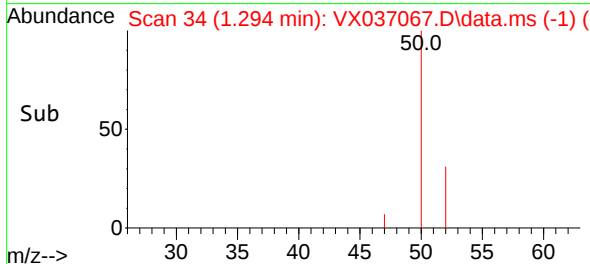
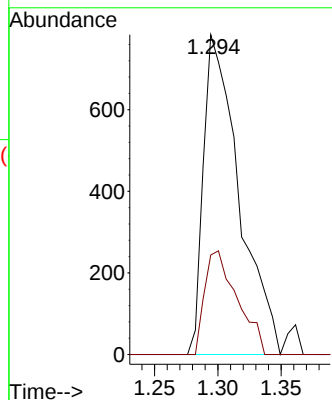
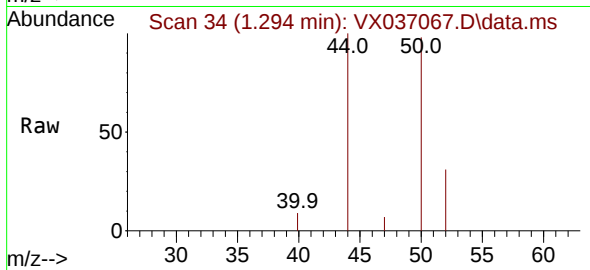
#3
Chloromethane
Concen: 0.890 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 153
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3

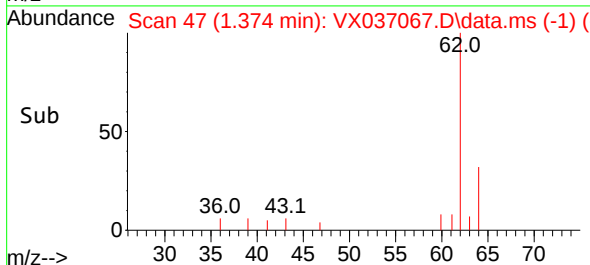
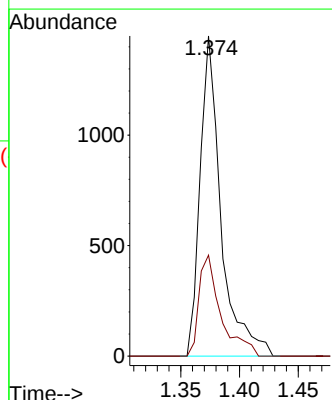
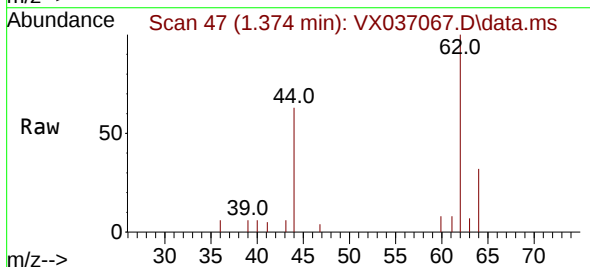
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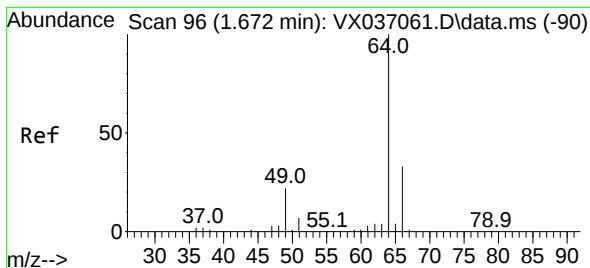
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 0.955 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

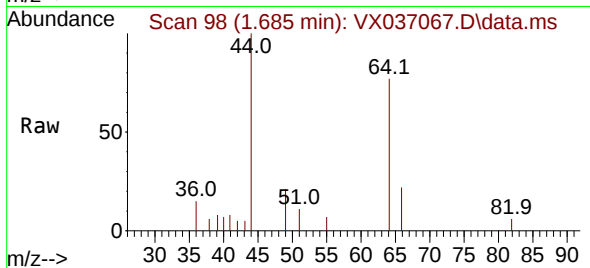
Tgt Ion: 62 Resp: 1792
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#6
Chloroethane
Concen: 1.038 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

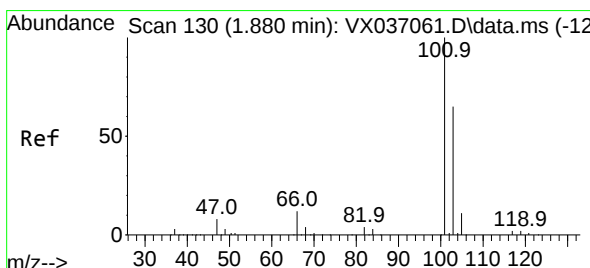
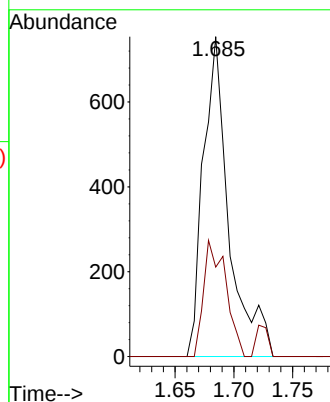
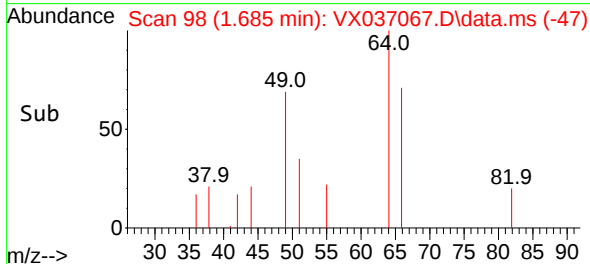
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



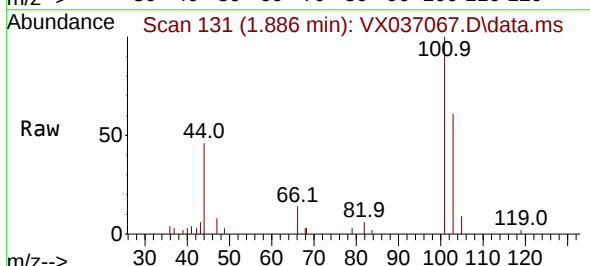
Tgt Ion: 64 Resp: 1140
Ion Ratio Lower Upper
64 100
66 28.0 25.1 37.7

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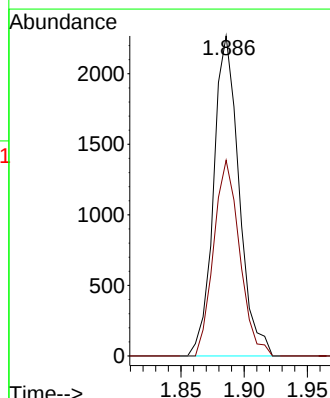
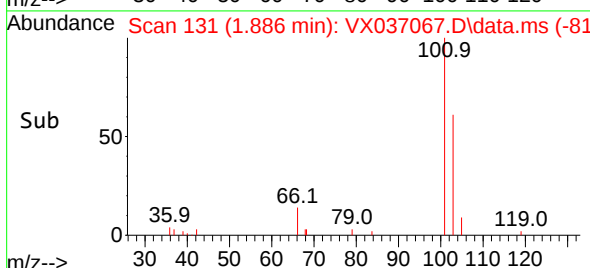
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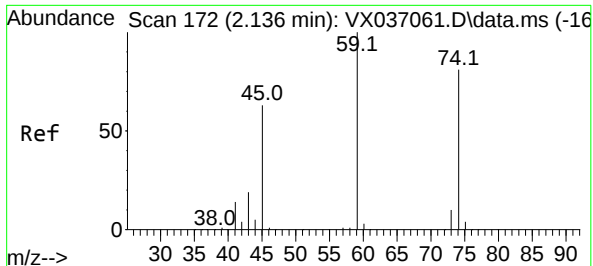


#7
Trichlorofluoromethane
Concen: 1.033 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



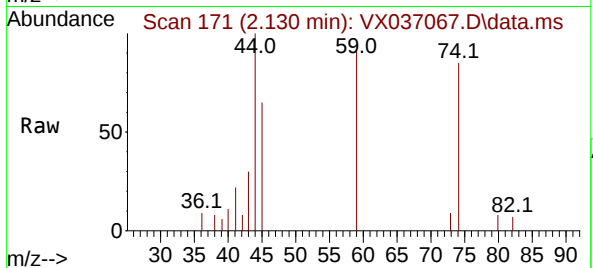
Tgt Ion:101 Resp: 3175
Ion Ratio Lower Upper
101 100
103 61.2 51.4 77.2





#8
Diethyl Ether
Concen: 0.987 ug/l
RT: 2.130 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

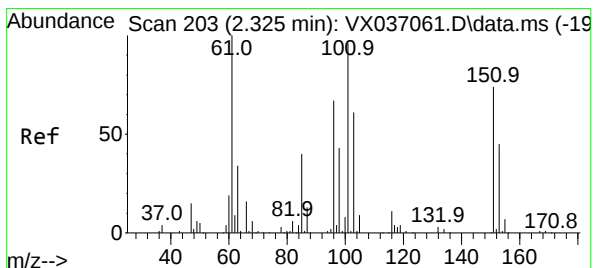
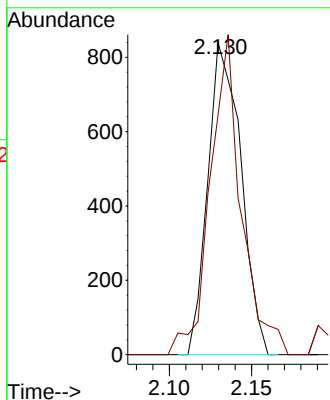
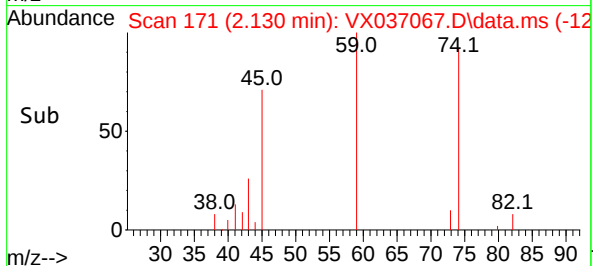
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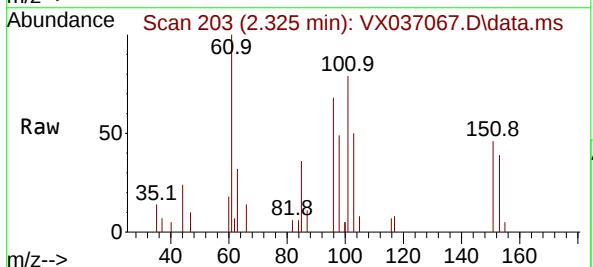
Tgt Ion: 74 Resp: 1174
Ion Ratio Lower Upper
74 100
45 96.1 53.3 159.8

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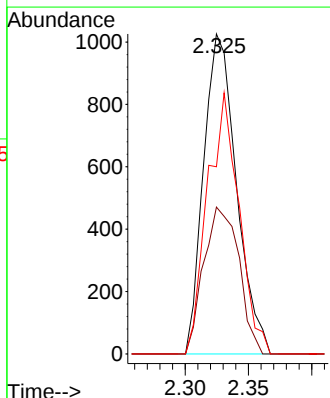
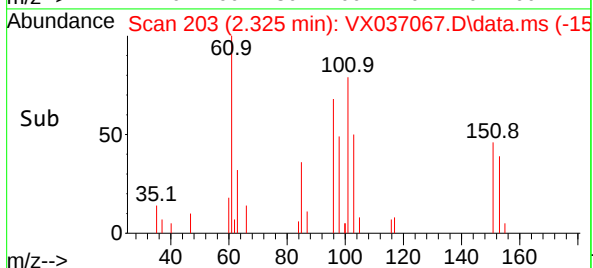
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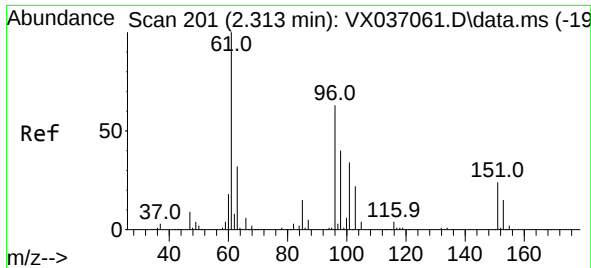


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.032 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



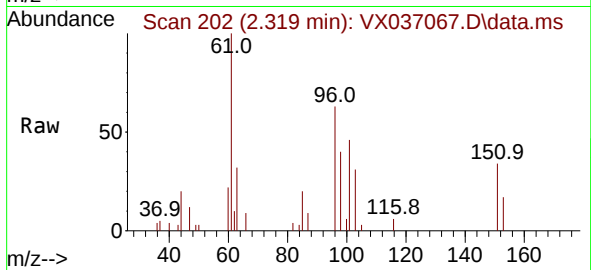
Tgt Ion:101 Resp: 1851
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 78.2 58.6 87.8





#12
1,1-Dichloroethene
Concen: 0.990 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

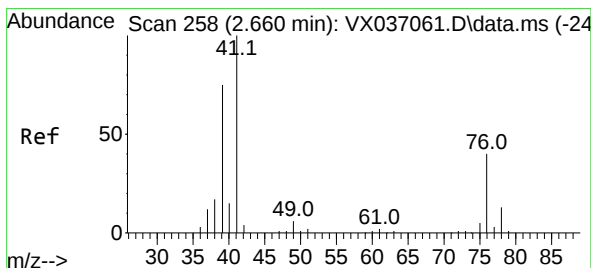
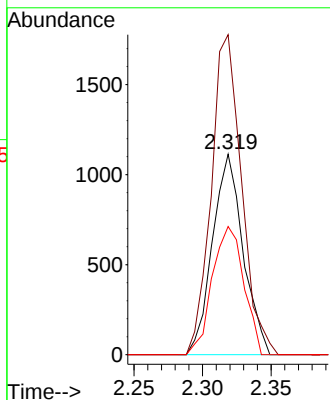
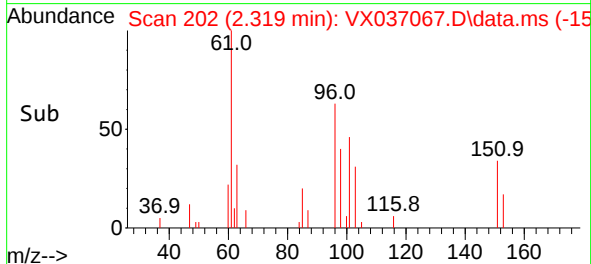
Instrument :
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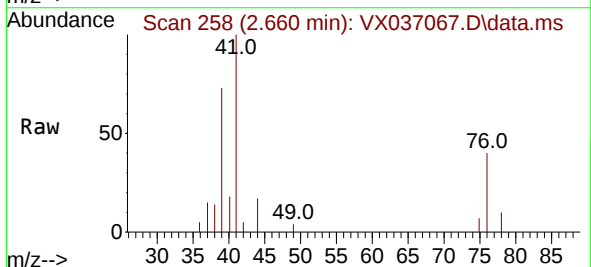
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Ion Ratio Lower Upper
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61 159.7 144.6 216.8
98 64.0 50.4 75.6

Manual Integrations
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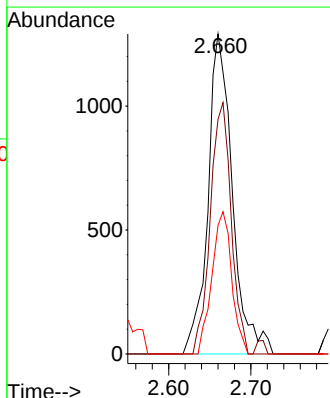
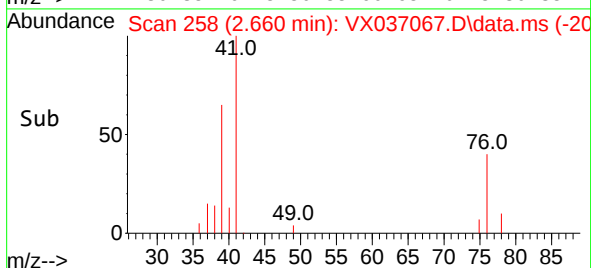
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

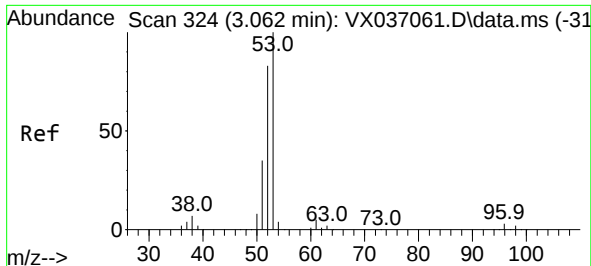


#14
Allyl chloride
Concen: 0.987 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



Tgt Ion: 41 Resp: 2669
Ion Ratio Lower Upper
41 100
39 67.1 55.8 83.6
76 36.2 24.3 36.5





#15

Acrylonitrile

Concen: 4.789 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

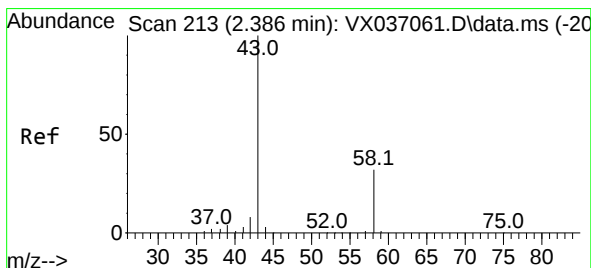
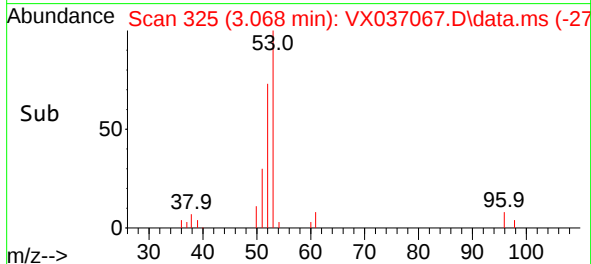
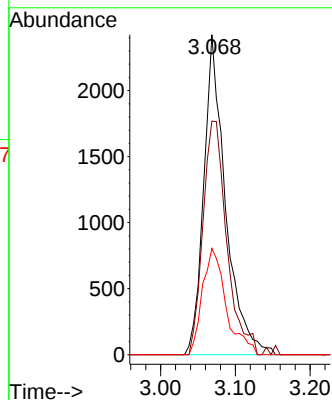
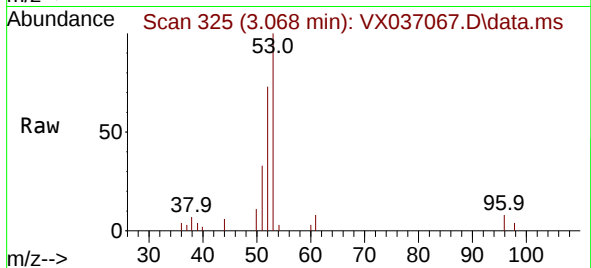
Tgt Ion: 53	Resp: 4904
Ion Ratio	Lower Upper
53 100	
52 79.4	66.0 99.0
51 36.2	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#16

Acetone

Concen: 5.326 ug/l

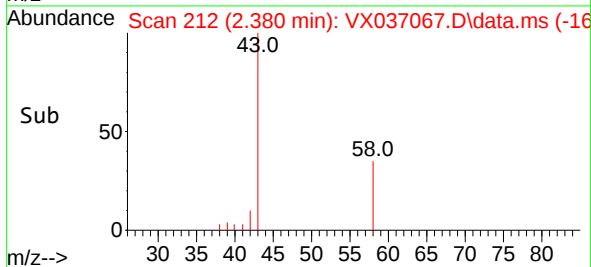
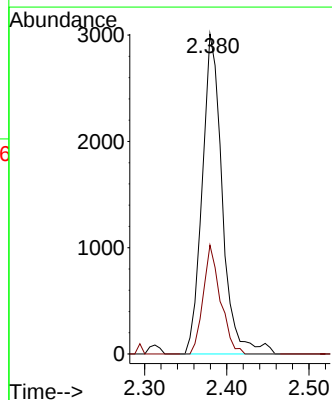
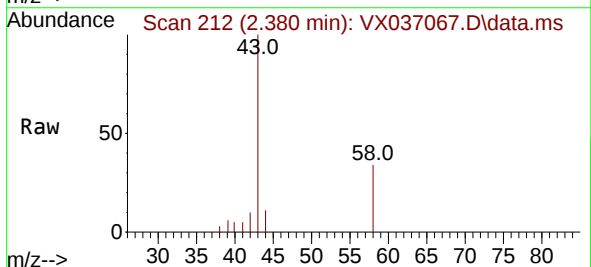
RT: 2.380 min Scan# 212

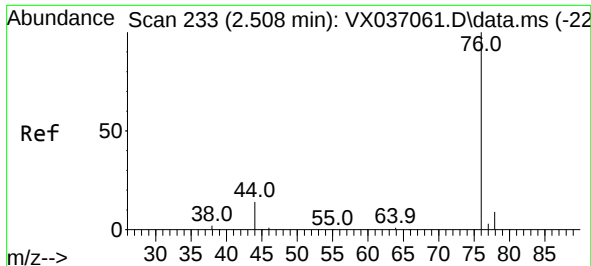
Delta R.T. -0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Tgt Ion: 43	Resp: 5096
Ion Ratio	Lower Upper
43 100	
58 34.0	21.9 32.9#





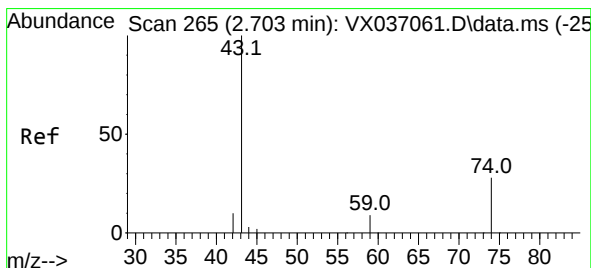
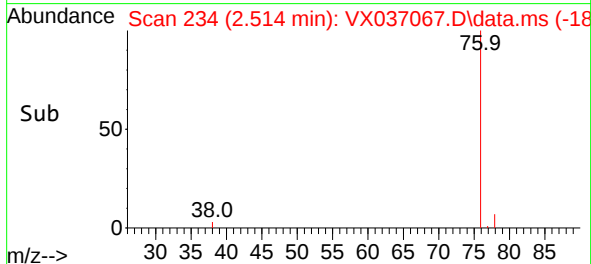
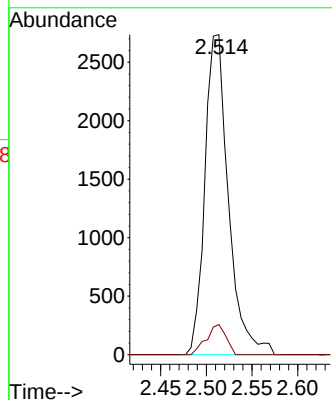
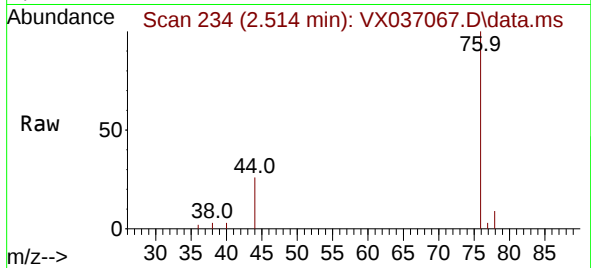
#17
Carbon Disulfide
Concen: 1.102 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 4890
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

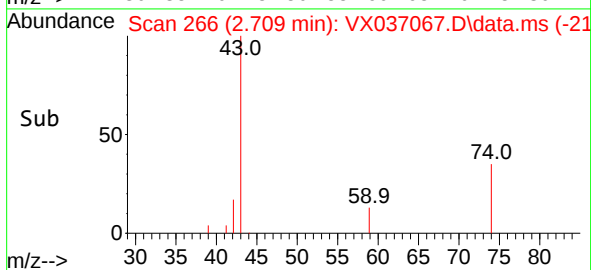
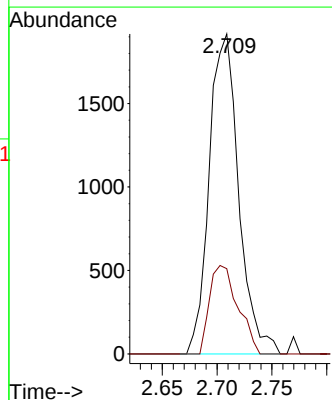
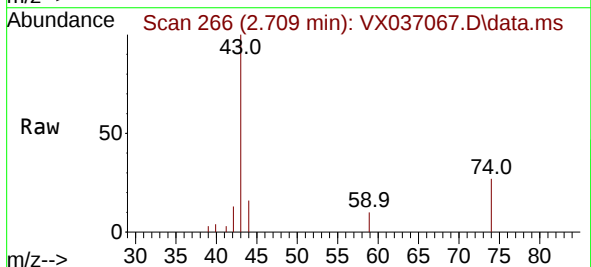
Manual Integrations
APPROVED

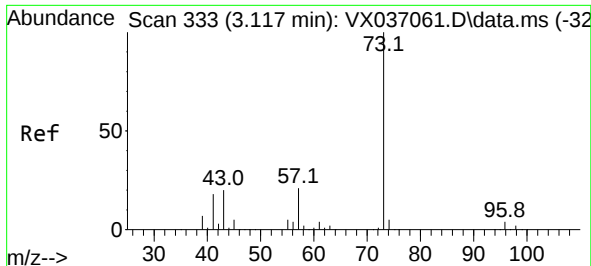
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#18
Methyl Acetate
Concen: 0.995 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
74 26.5 17.8 26.8





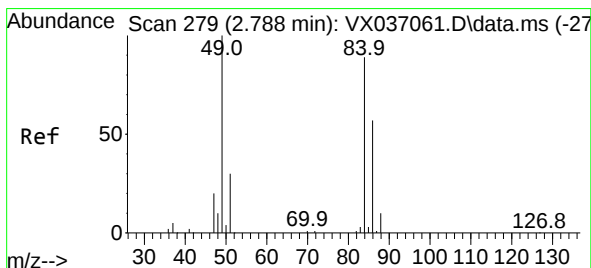
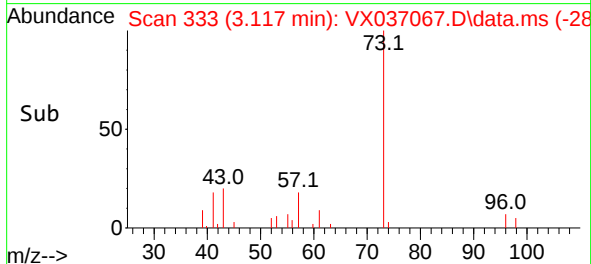
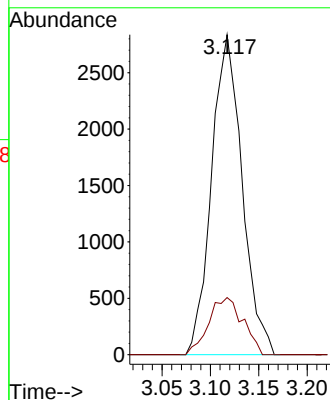
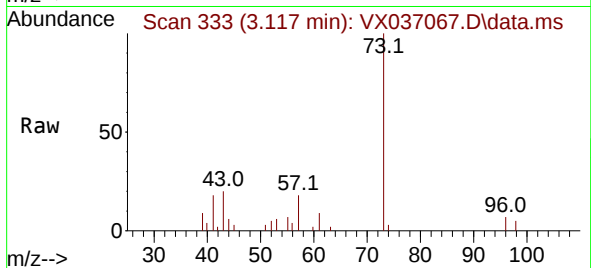
#19
Methyl tert-butyl Ether
Concen: 0.942 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 6238
Ion Ratio Lower Upper
73 100
57 17.9 17.3 25.9

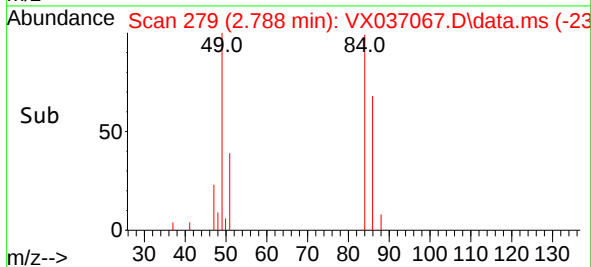
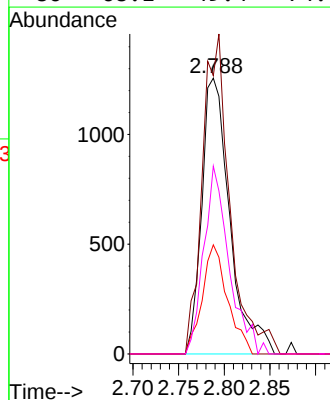
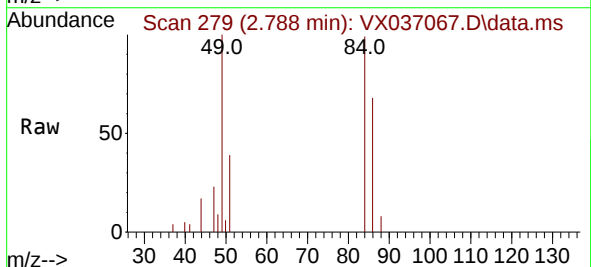
Manual Integrations
APPROVED

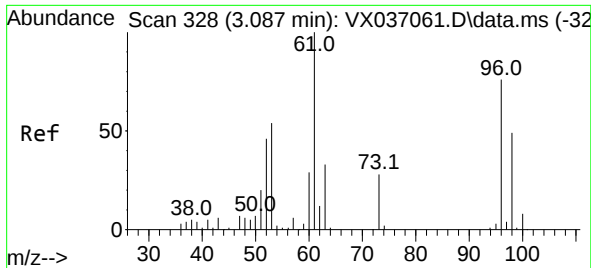
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#20
Methylene Chloride
Concen: 1.253 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

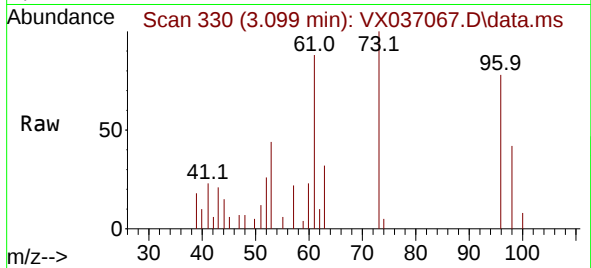
Tgt Ion: 84 Resp: 2682
Ion Ratio Lower Upper
84 100
49 100.9 103.6 155.4#
51 39.5 33.8 50.6
86 68.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.968 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

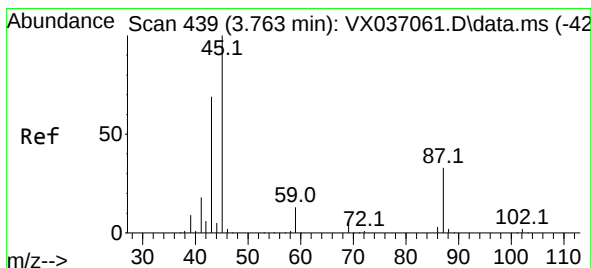
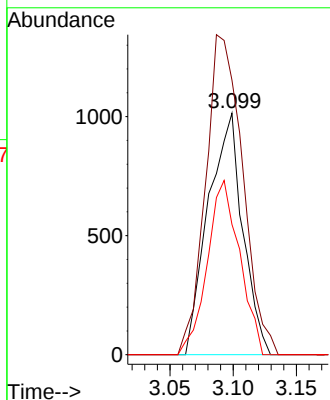
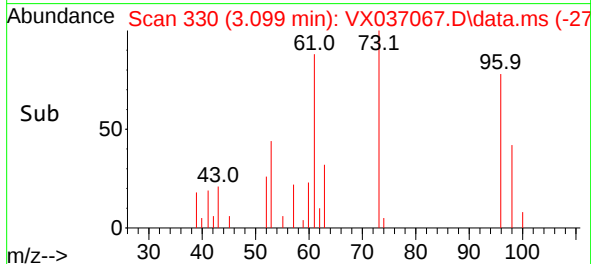
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



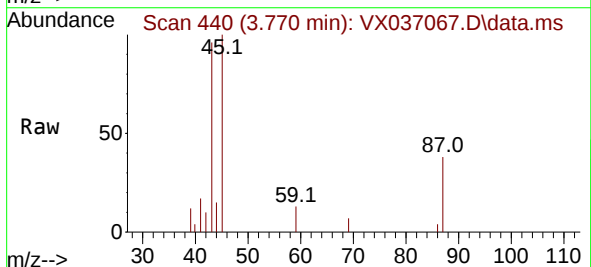
Tgt Ion: 96 Resp: 192
Ion Ratio Lower Upper
96 100
61 113.7 119.2 178.8
98 53.9 48.7 73.1

Manual Integrations
APPROVED

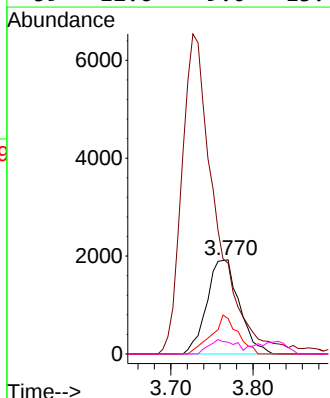
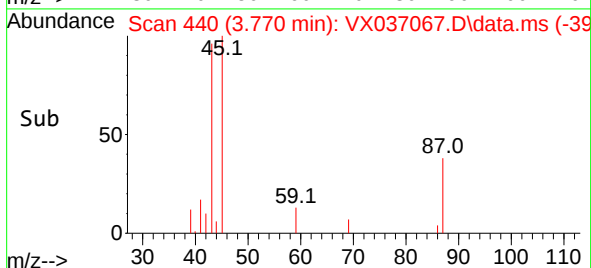
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

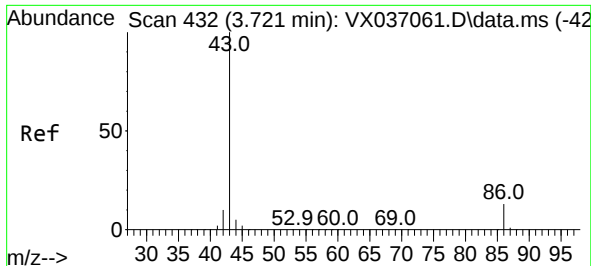


#22
Diisopropyl ether
Concen: 0.946 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



Tgt Ion: 45 Resp: 5248
Ion Ratio Lower Upper
45 100
43 85.7 69.7 104.5
87 37.6 20.8 31.2
59 12.6 9.0 13.4





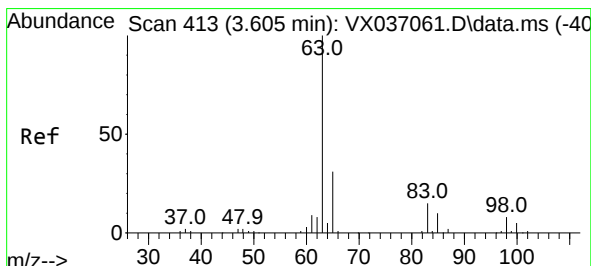
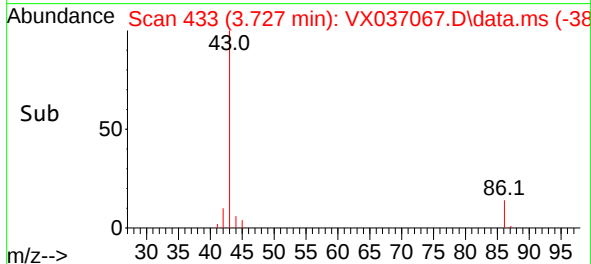
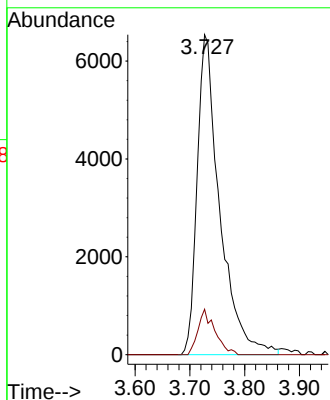
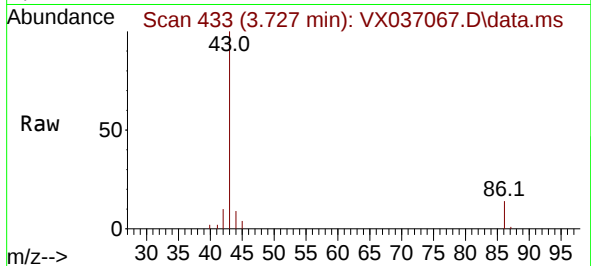
#23
 Vinyl Acetate
 Concen: 4.405 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 1872
 Ion Ratio Lower Upper
 43 100
 86 14.2 7.8 11.8

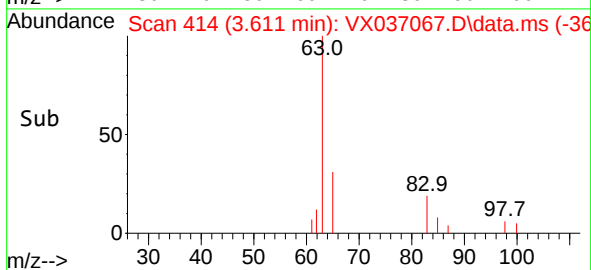
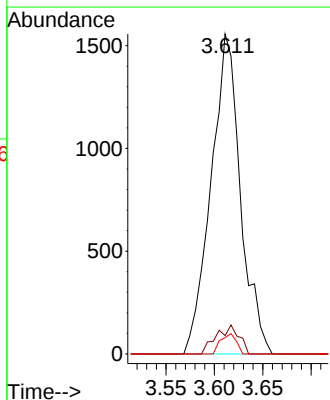
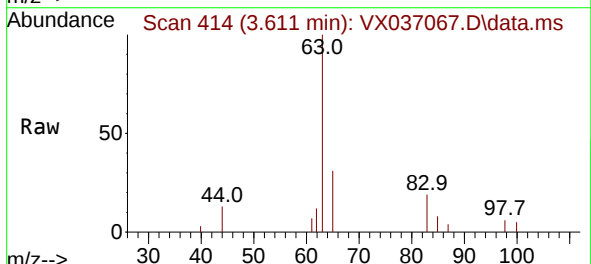
Manual Integrations
 APPROVED

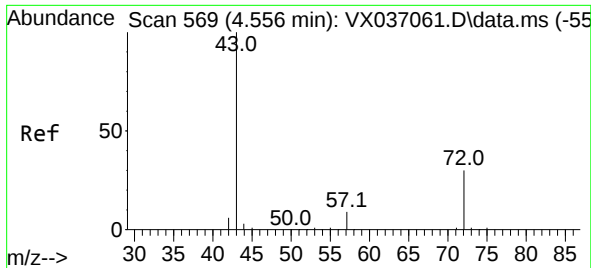
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#24
 1,1-Dichloroethane
 Concen: 0.948 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53

Tgt Ion: 63 Resp: 3297
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 5.1 2.1 6.5





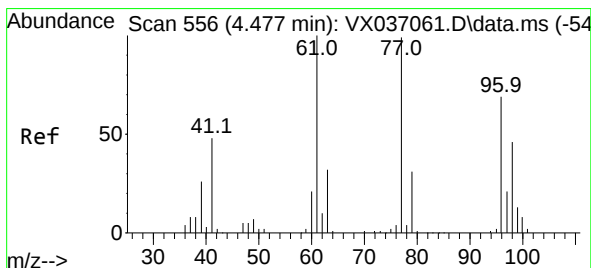
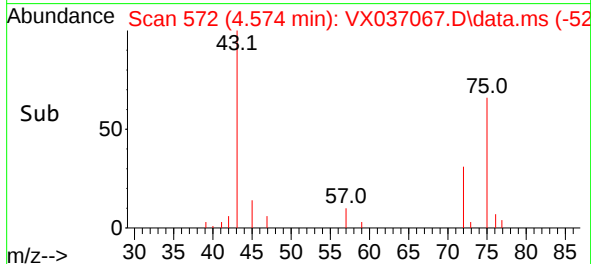
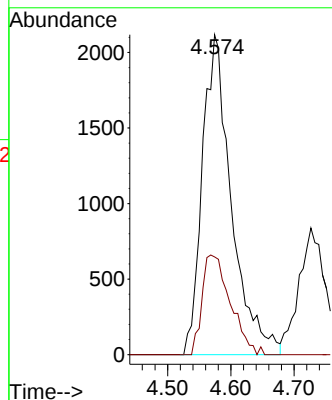
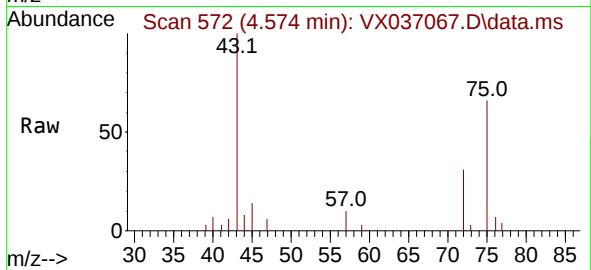
#25
2-Butanone
Concen: 4.697 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
72 30.5 19.4 29.2

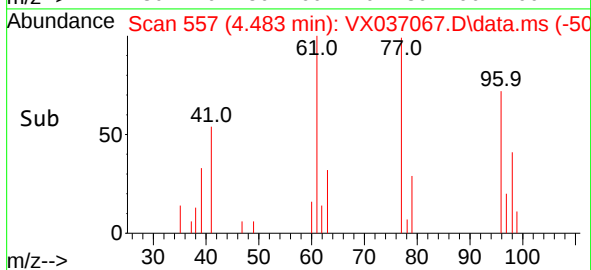
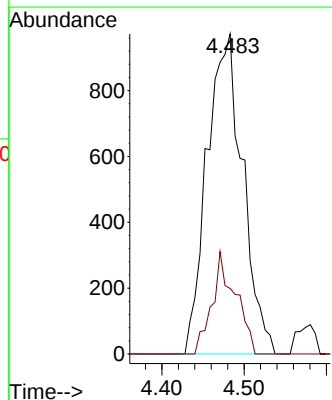
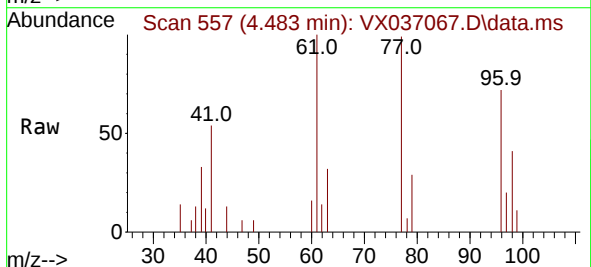
Manual Integrations
APPROVED

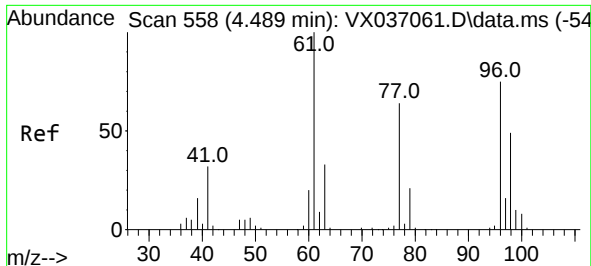
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#26
2,2-Dichloropropane
Concen: 0.943 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 77 Resp: 2929
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.937 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

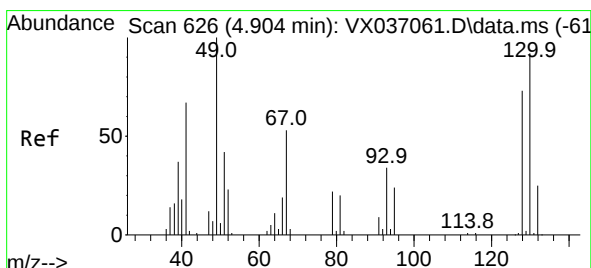
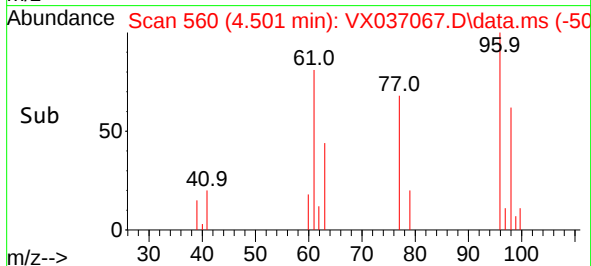
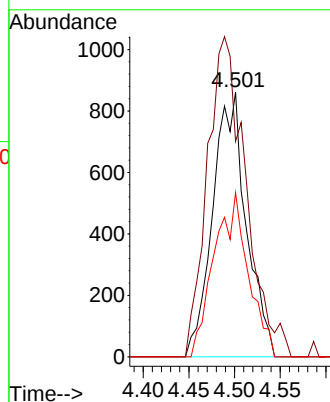
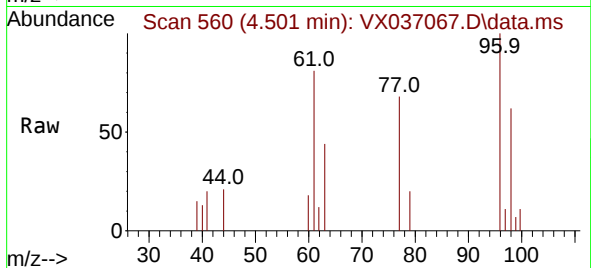
Tgt Ion:	96	Resp:	2194
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	312.2
98	63.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#28

Bromochloromethane

Concen: 0.961 ug/l

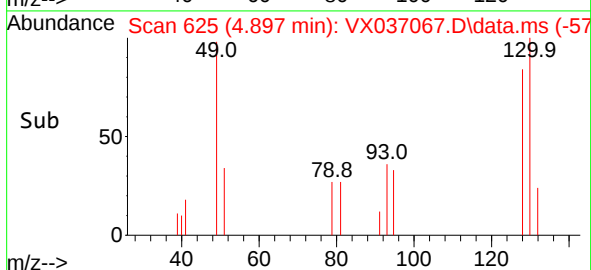
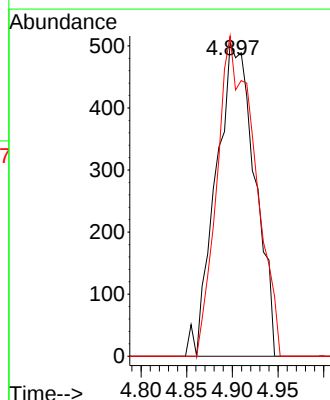
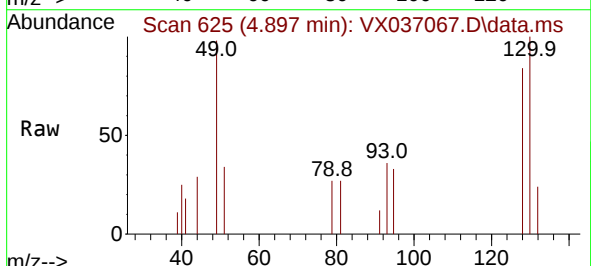
RT: 4.897 min Scan# 625

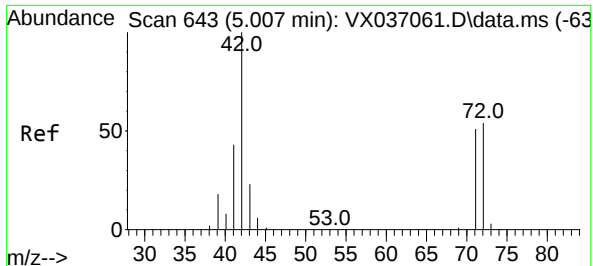
Delta R.T. -0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Tgt Ion:	49	Resp:	1494
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	99.3	57.5	86.3#





#29

Tetrahydrofuran

Concen: 4.715 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

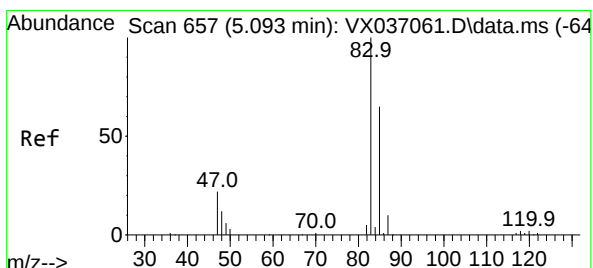
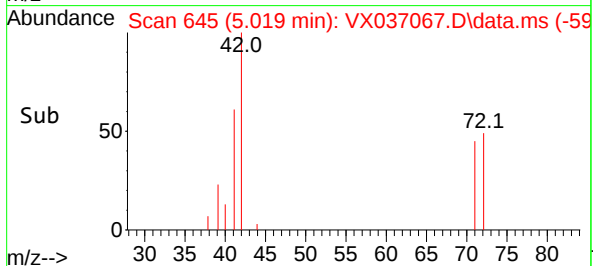
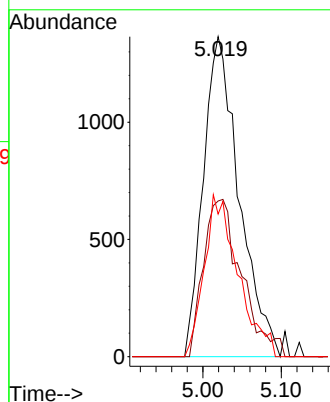
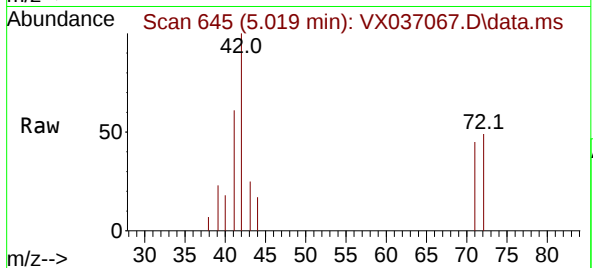
Tgt Ion: 42	Resp: 433
Ion Ratio	Lower Upper
42	100
72	52.2 34.2 51.4
71	47.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#30

Chloroform

Concen: 1.008 ug/l

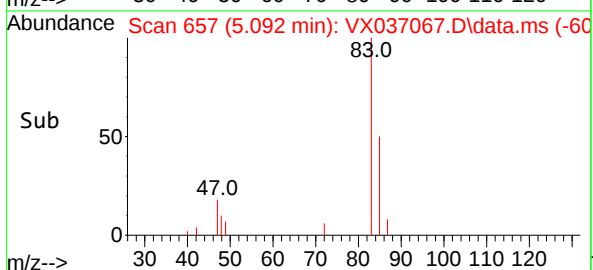
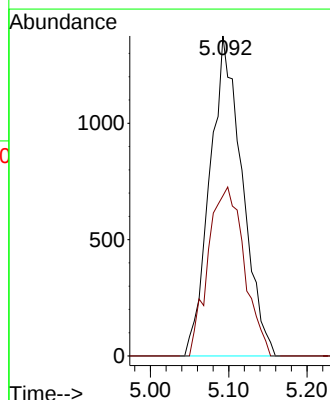
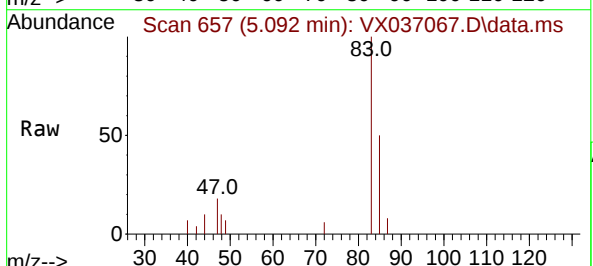
RT: 5.092 min Scan# 657

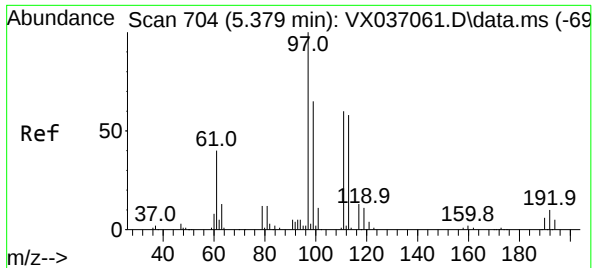
Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Tgt Ion: 83	Resp: 3934
Ion Ratio	Lower Upper
83	100
85	50.0 50.3 75.5





#32

1,1,1-Trichloroethane

Concen: 0.943 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 3298

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7

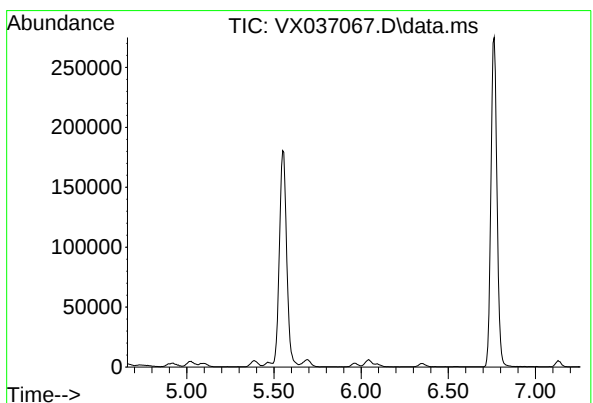
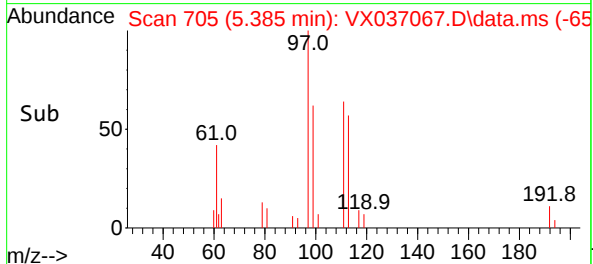
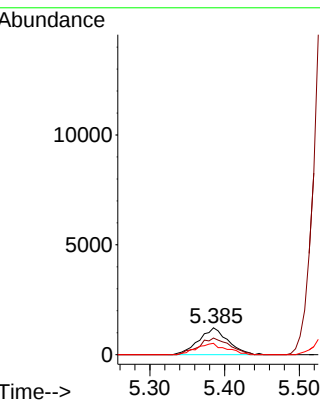
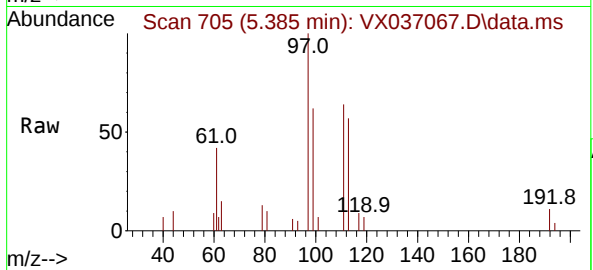
61 42.7 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.96 min

Lab File: VX037067.D

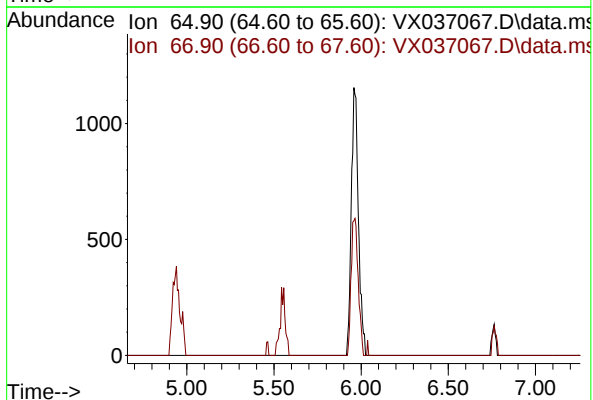
Acq: 17 Aug 2023 18:53

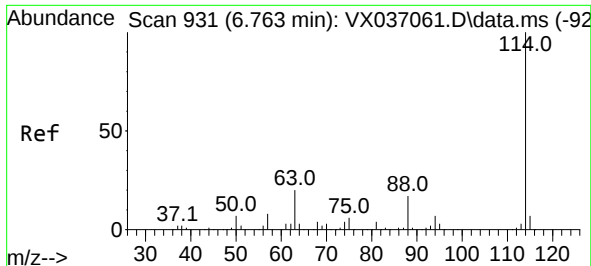
Tgt Ion: 65

Sig Exp Ratio

65 100

67 50.1





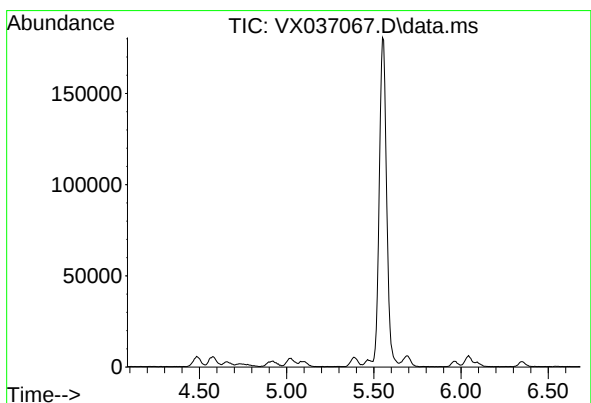
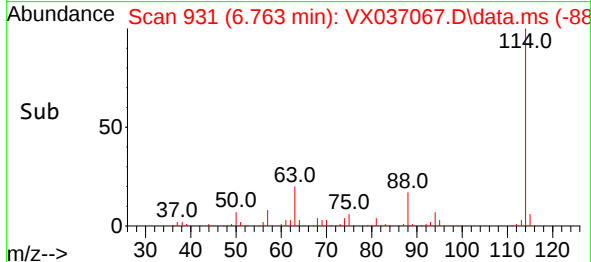
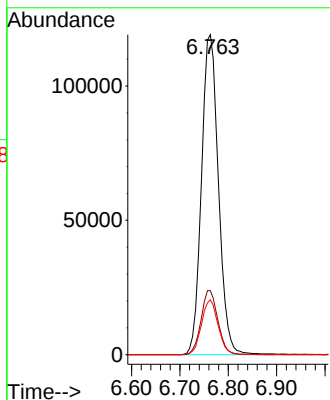
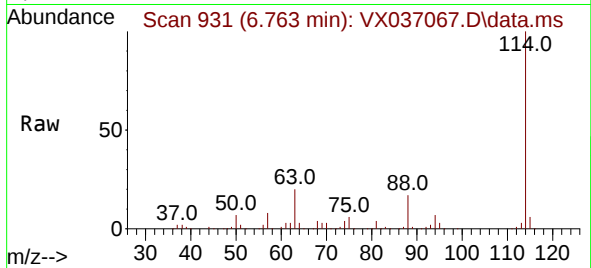
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 290464
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 17.2 0.0 36.6

Manual Integrations
APPROVED

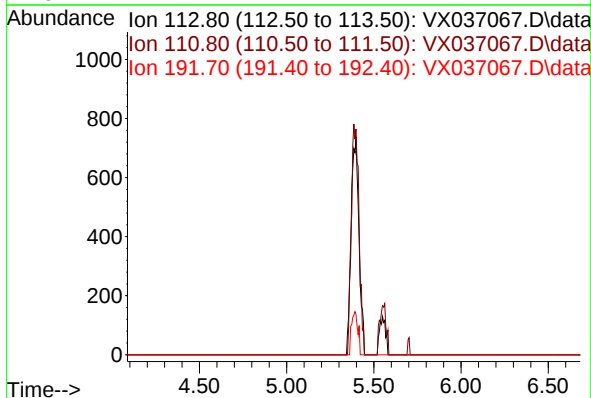
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

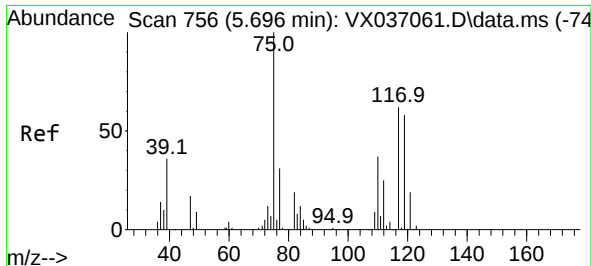


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.39 min

Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

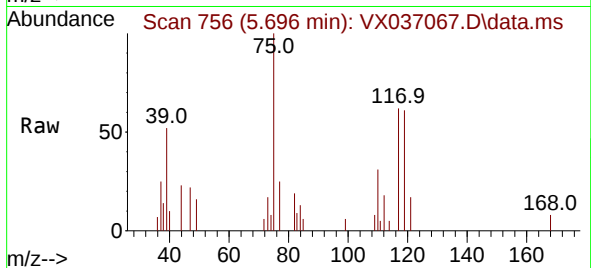
Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.6
192 16.6





#36
1,1-Dichloropropene
Concen: 1.037 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

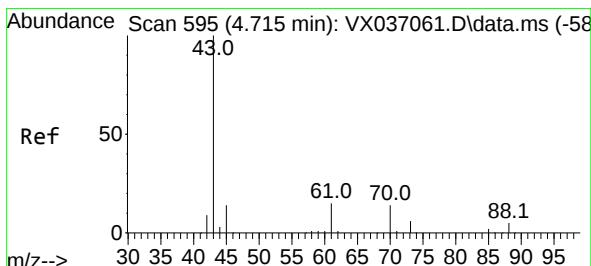
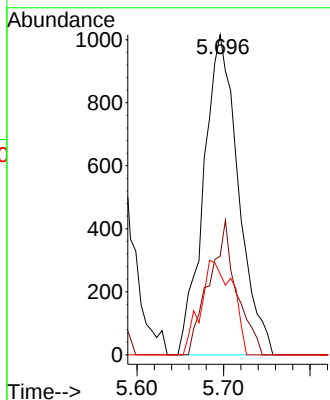
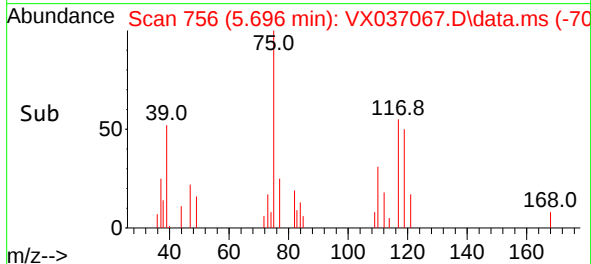
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
110 33.2 17.0 50.9
77 27.3 24.7 37.1

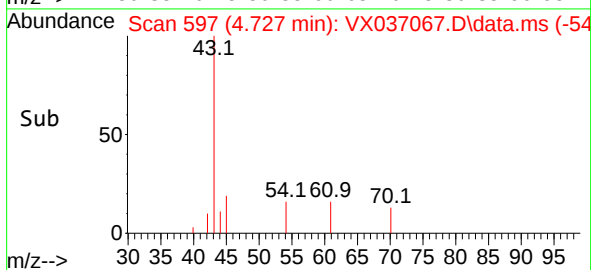
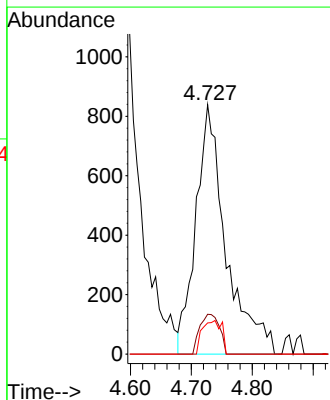
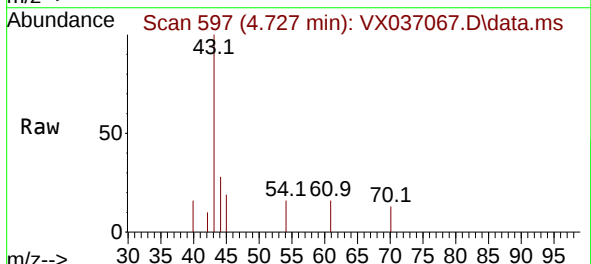
Manual Integrations
APPROVED

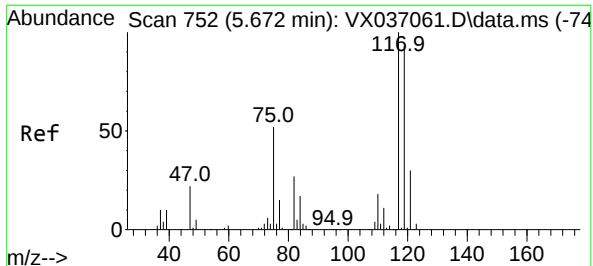
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#37
Ethyl Acetate
Concen: 1.032 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

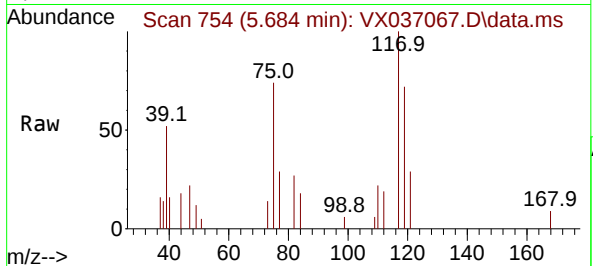
Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
61 10.5 10.6 16.0#
70 8.7 8.3 12.5





#38
Carbon Tetrachloride
Concen: 0.974 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

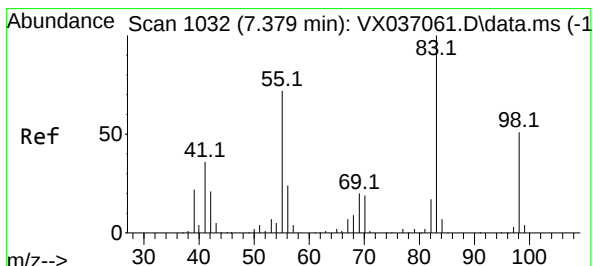
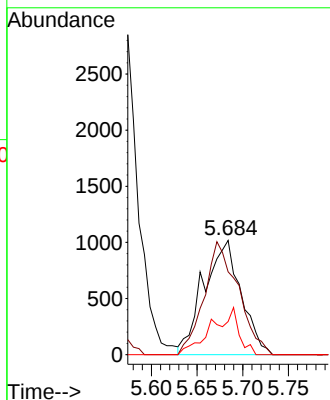
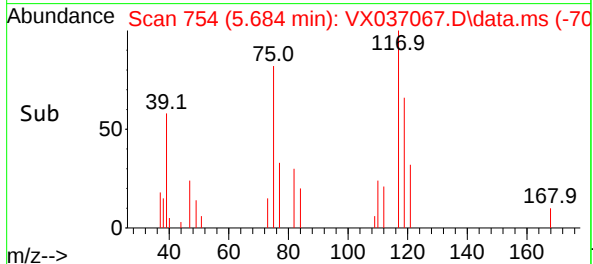
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 289
Ion Ratio Lower Upper
117 100
119 72.5 78.2 117.2
121 29.0 24.4 36.6

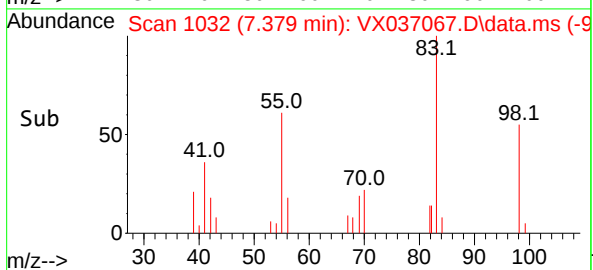
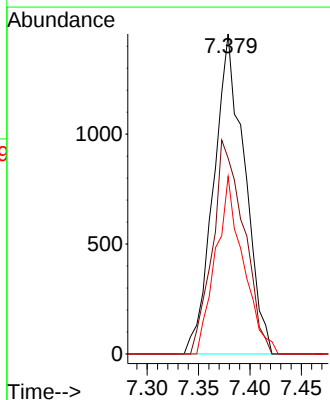
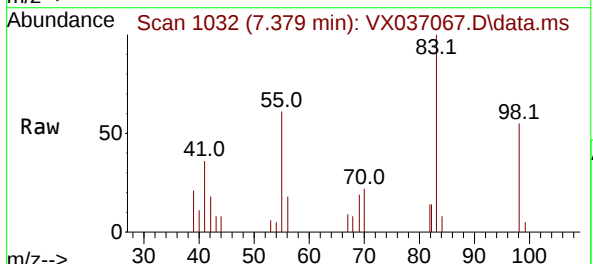
Manual Integrations
APPROVED

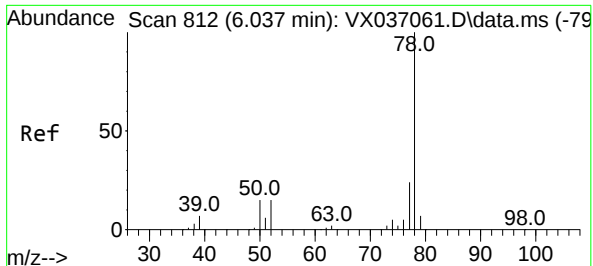
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#39
Methylcyclohexane
Concen: 1.058 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 83 Resp: 3038
Ion Ratio Lower Upper
83 100
55 61.2 64.6 97.0#
98 55.4 36.7 55.1#





#40

Benzene

Concen: 0.940 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 736

Ion Ratio Lower Upper

78 100

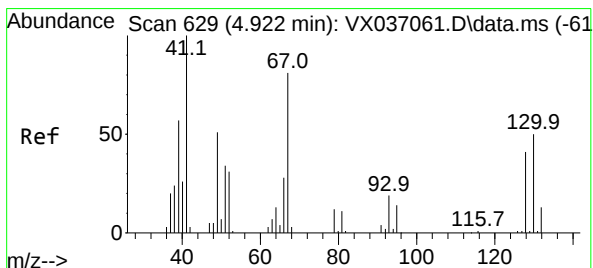
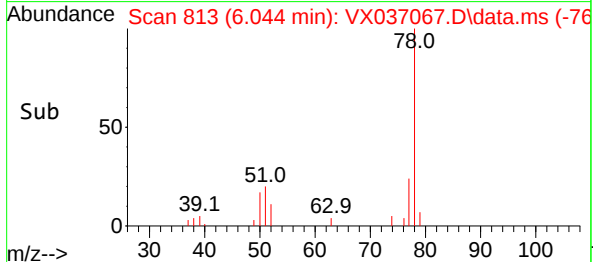
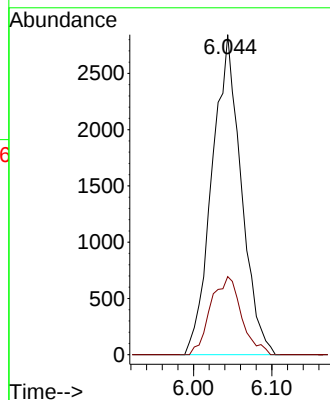
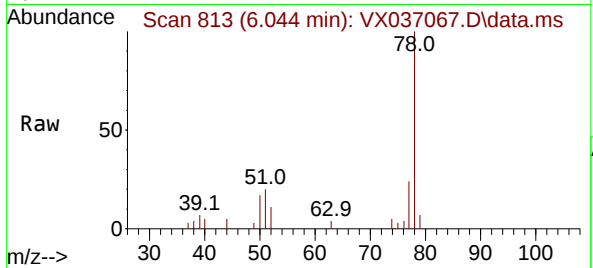
77 24.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#41

Methacrylonitrile

Concen: 0.926 ug/l m

RT: 4.940 min Scan# 632

Delta R.T. 0.018 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Tgt Ion: 41 Resp: 1344

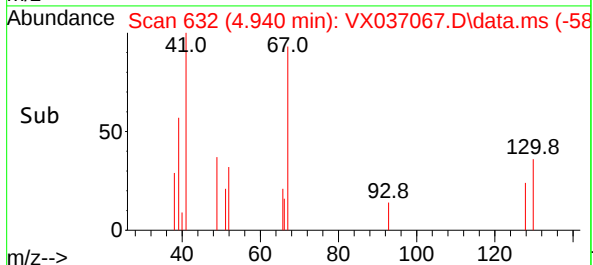
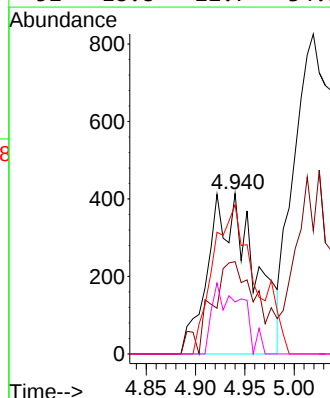
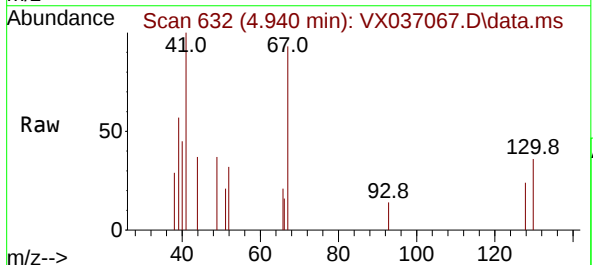
Ion Ratio Lower Upper

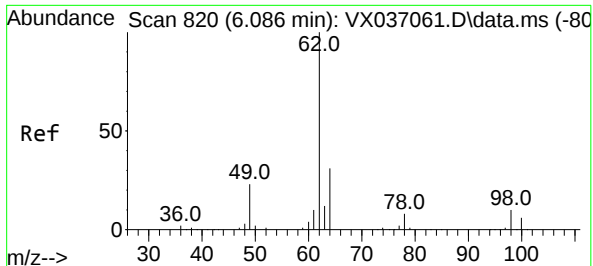
41 100

39 58.6 45.2 67.8

67 85.6 52.6 78.8#

52 18.8 22.7 34.1#





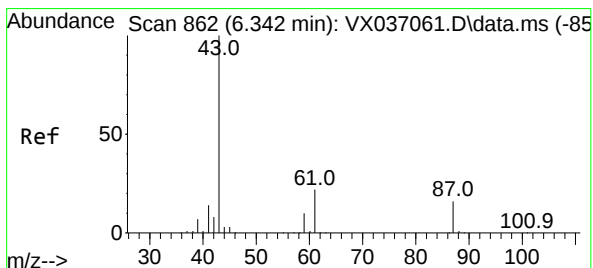
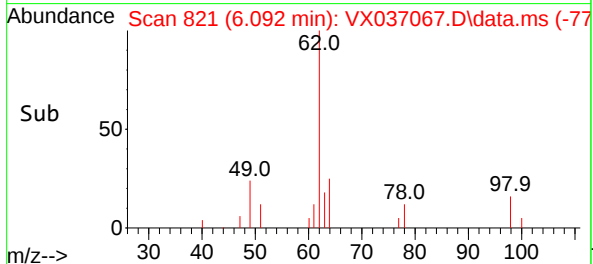
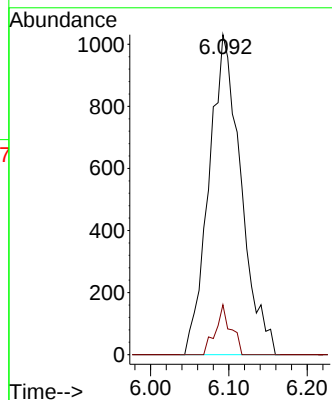
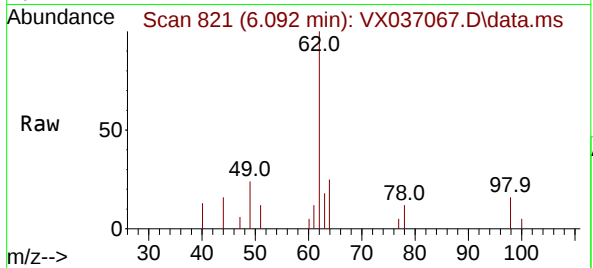
#42
1,2-Dichloroethane
Concen: 0.952 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 292
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0

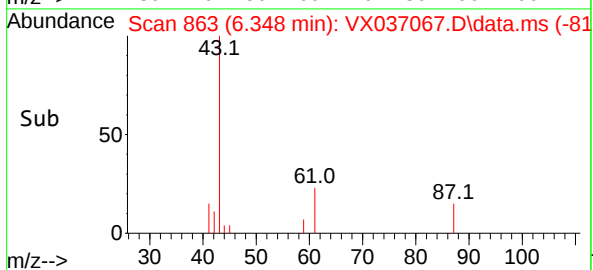
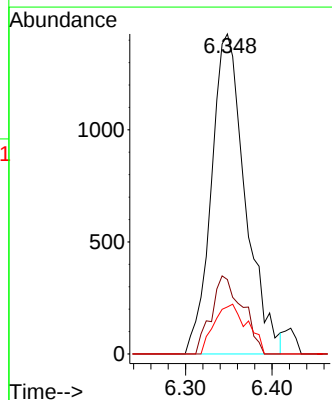
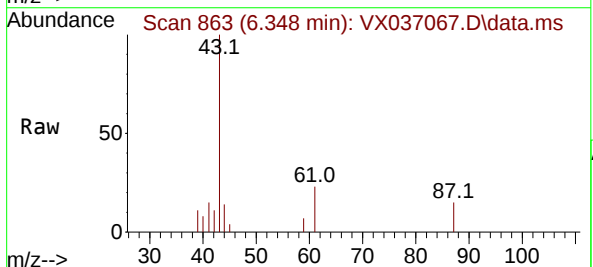
Manual Integrations
APPROVED

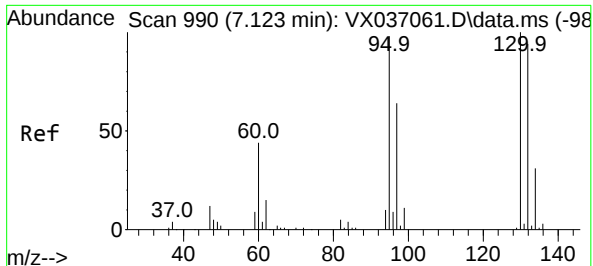
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#43
Isopropyl Acetate
Concen: 0.875 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

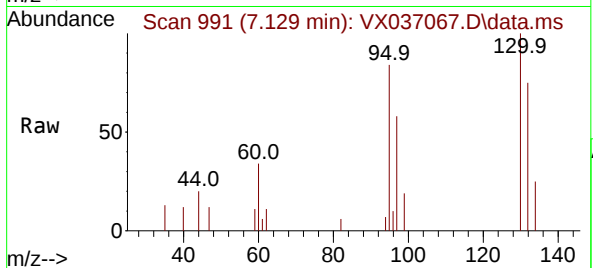
Tgt Ion: 43 Resp: 3879
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 15.1 9.8 14.6#





#44
Trichloroethene
Concen: 1.022 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

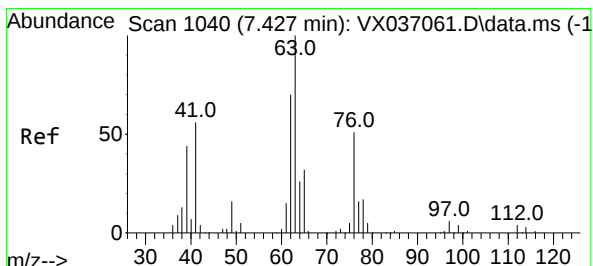
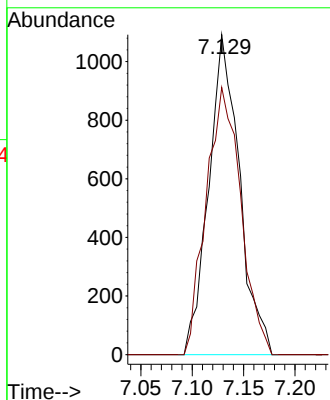
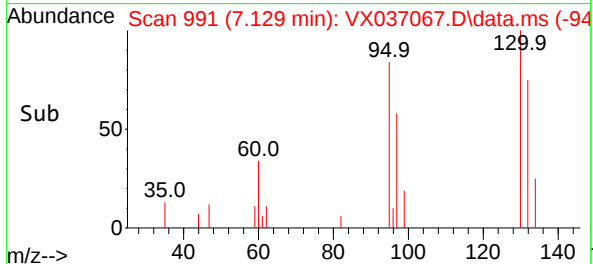
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



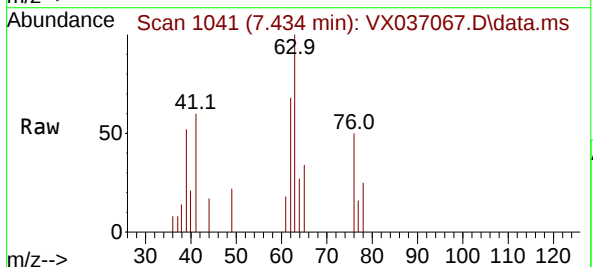
Tgt Ion:130 Resp: 227
Ion Ratio Lower Upper
130 100
95 83.5 0.0 204.4

Manual Integrations
APPROVED

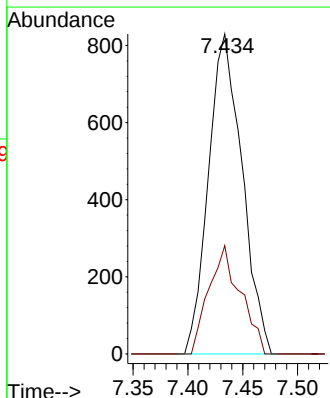
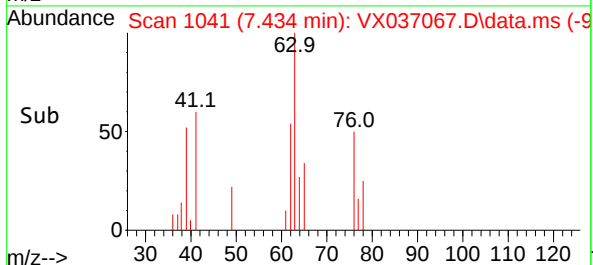
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

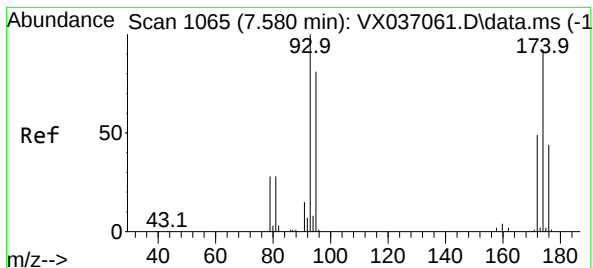


#45
1,2-Dichloropropane
Concen: 0.916 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



Tgt Ion: 63 Resp: 1770
Ion Ratio Lower Upper
63 100
65 33.9 24.3 36.5





#46

Dibromomethane

Concen: 0.911 ug/l

RT: 7.586 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 93 Resp: 138

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

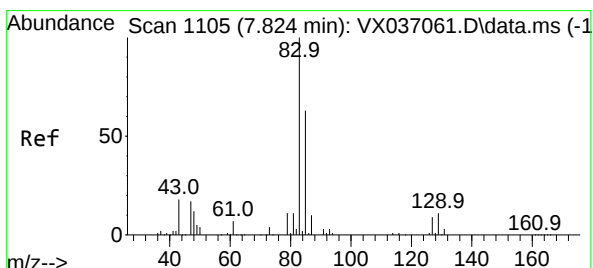
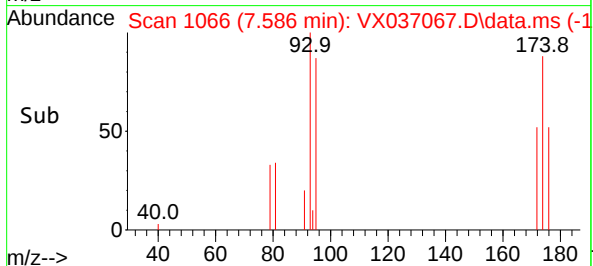
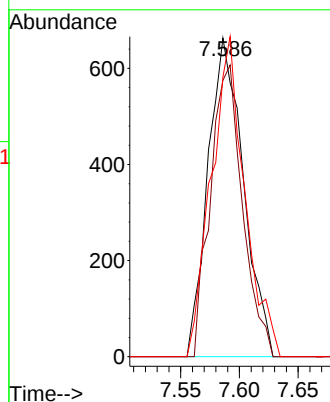
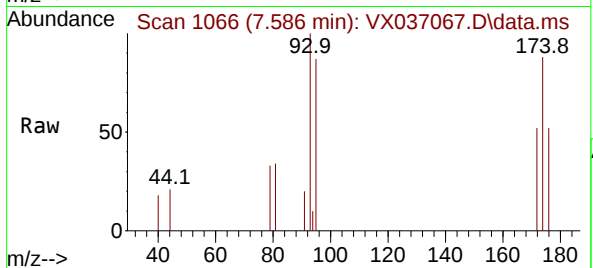
174 95.2 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#47

Bromodichloromethane

Concen: 0.885 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

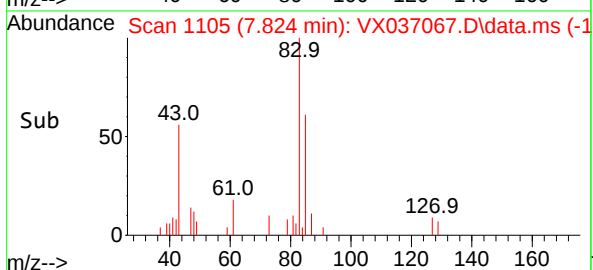
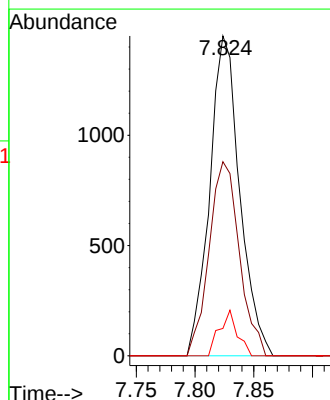
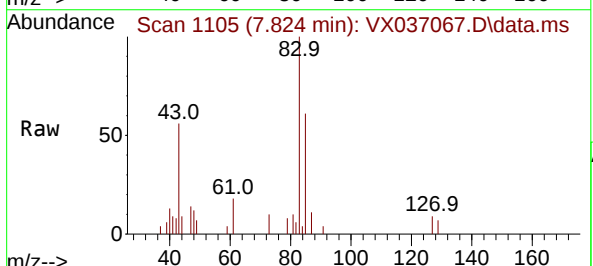
Tgt Ion: 83 Resp: 2580

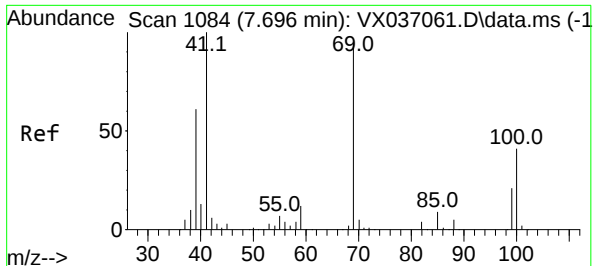
Ion Ratio Lower Upper

83 100

85 60.7 49.8 74.6

127 8.6 7.1 10.7





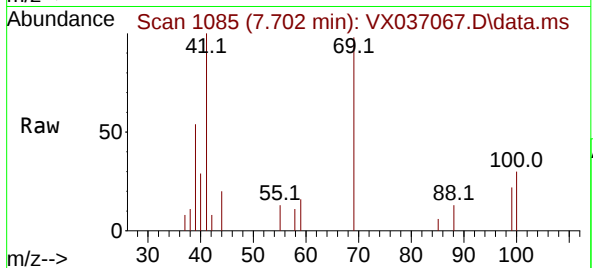
#48
Methyl methacrylate
Concen: 0.923 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

Client Sample Id :

VSTDICC001



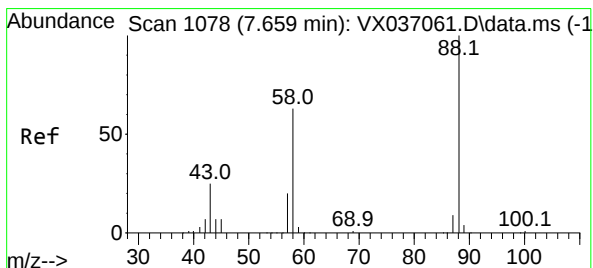
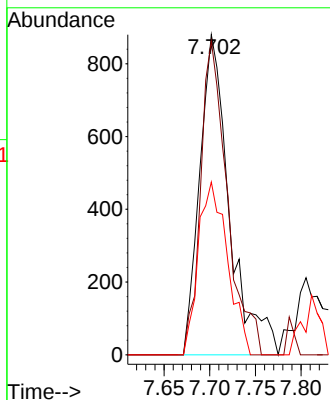
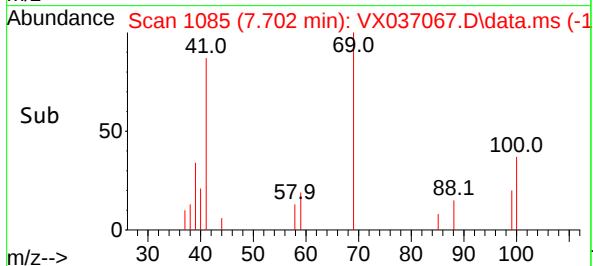
Tgt Ion: 41 Resp: 199
Ion Ratio Lower Upper
41 100
69 87.6 59.2 88.8
39 52.7 47.7 71.5

Manual Integrations

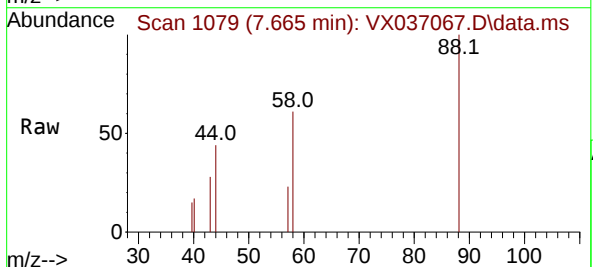
APPROVED

Reviewed By :John Carlone 08/18/2023

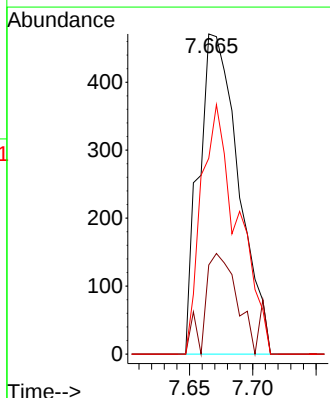
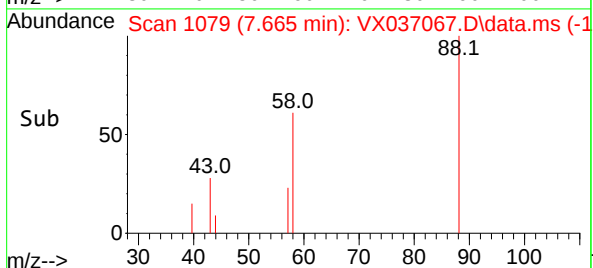
Supervised By :Semsettin Yesilyurt 08/18/2023

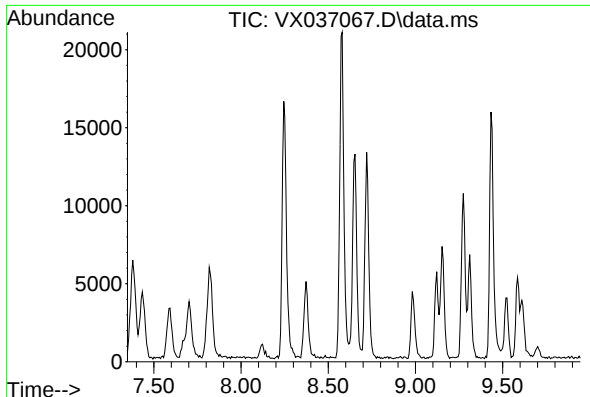


#49
1,4-Dioxane
Concen: 17.745 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



Tgt Ion: 88 Resp: 1033
Ion Ratio Lower Upper
88 100
43 25.2 0.0 0.0#
58 71.7 60.1 90.1





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

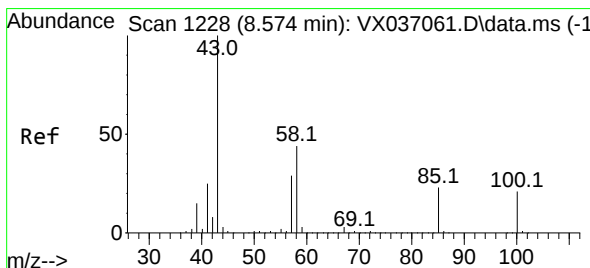
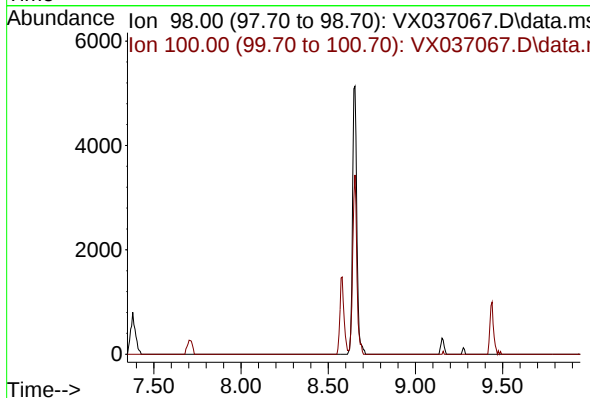
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.4

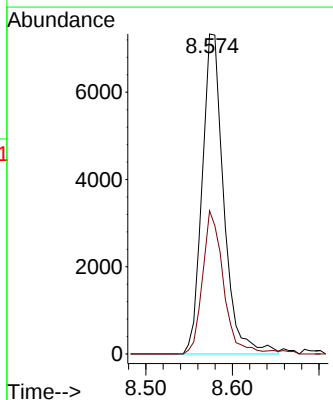
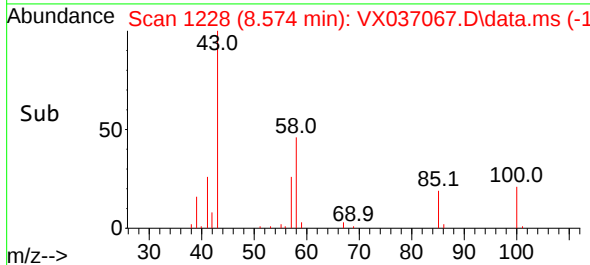
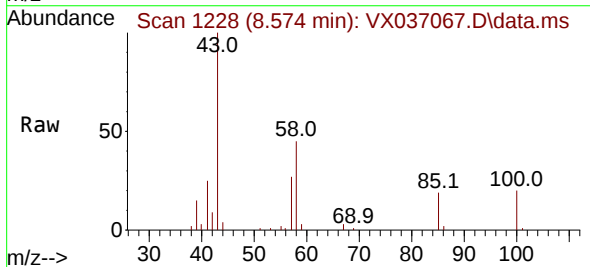
Manual Integrations APPROVED

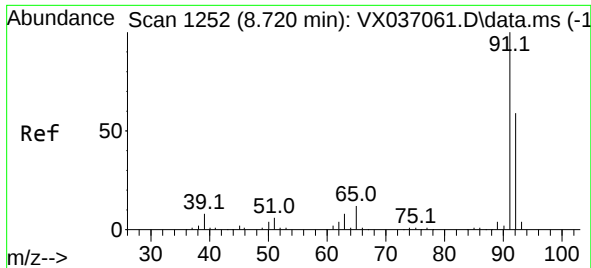
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#51
4-Methyl-2-Pentanone
Concen: 4.728 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

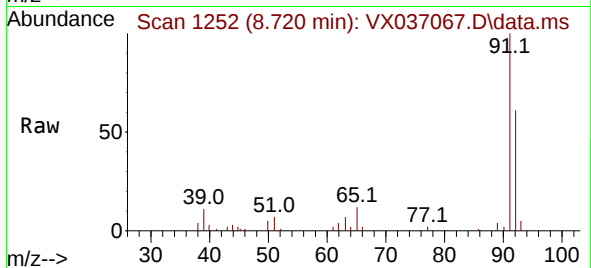
Tgt Ion: 43 Resp: 12726
Ion Ratio Lower Upper
43 100
58 43.1 30.4 45.6





#52
Toluene
Concen: 0.971 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

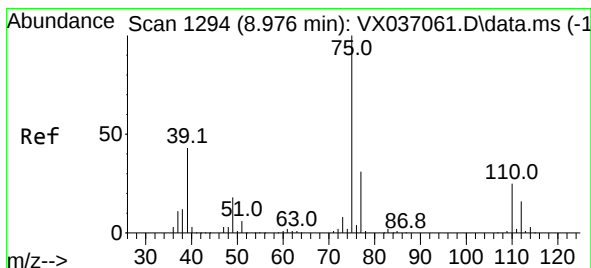
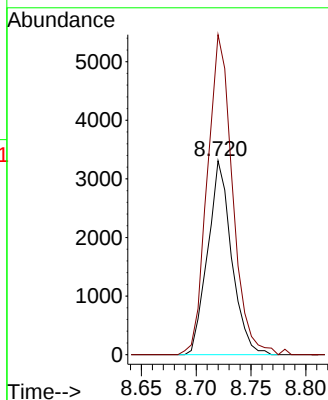
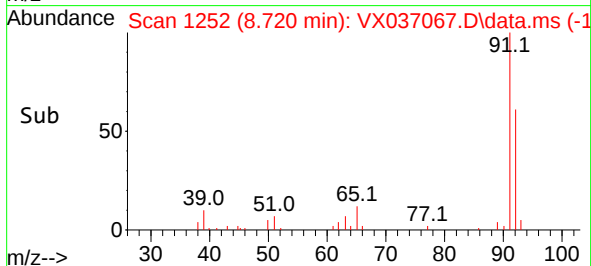
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



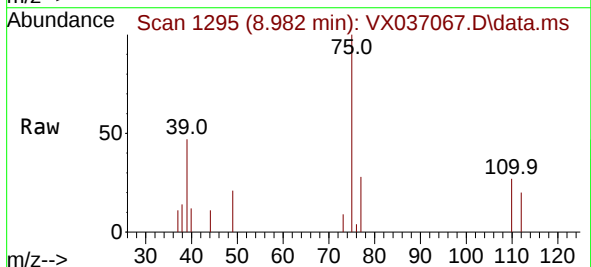
Tgt Ion: 92 Resp: 502
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2

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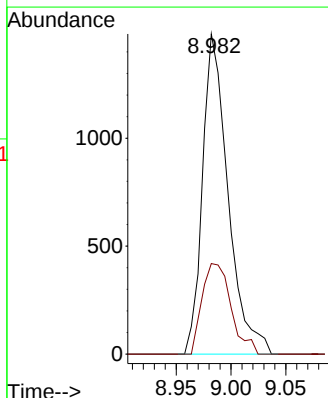
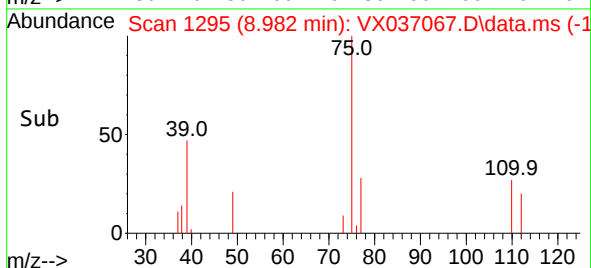
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

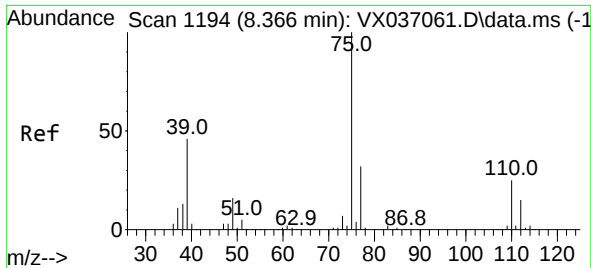


#53
t-1,3-Dichloropropene
Concen: 0.774 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



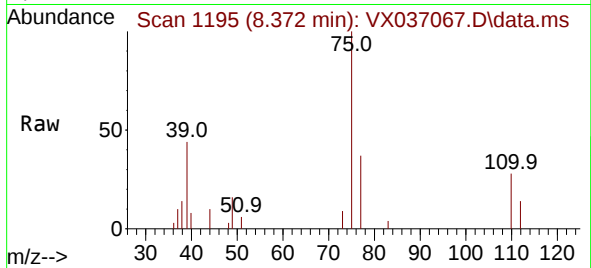
Tgt Ion: 75 Resp: 2403
Ion Ratio Lower Upper
75 100
77 28.3 25.7 38.5





#54
cis-1,3-Dichloropropene
Concen: 0.885 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

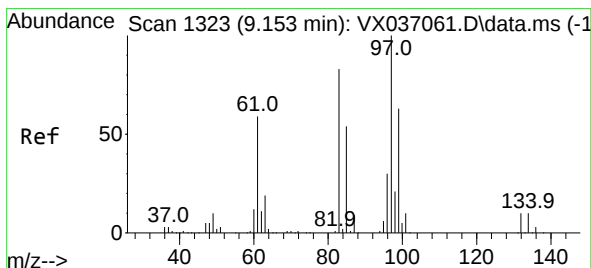
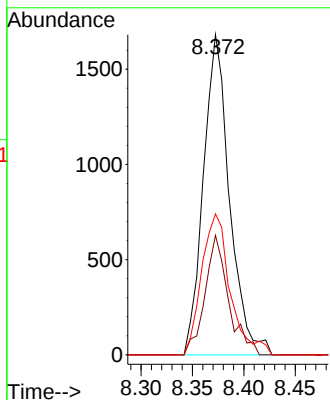
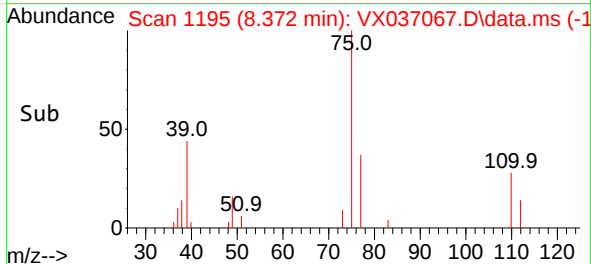
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
77 37.3 25.3 37.9
39 44.0 46.7 70.1

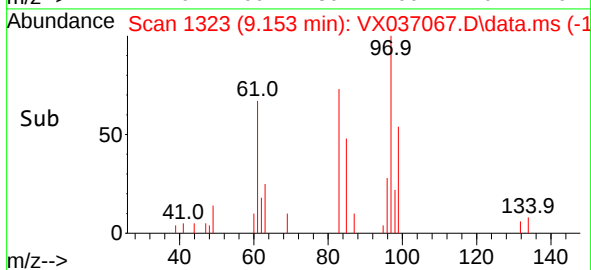
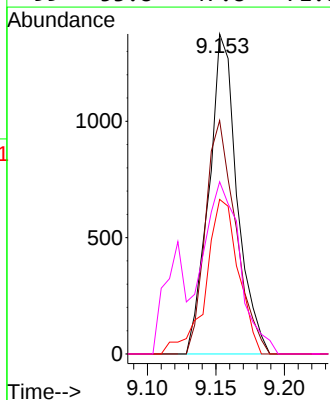
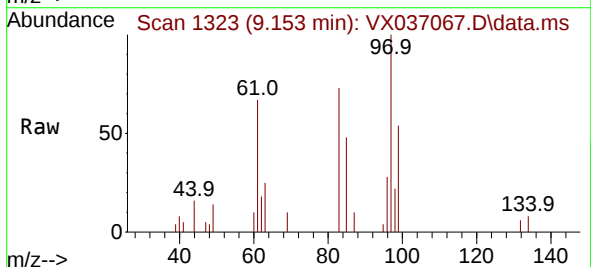
Manual Integrations
APPROVED

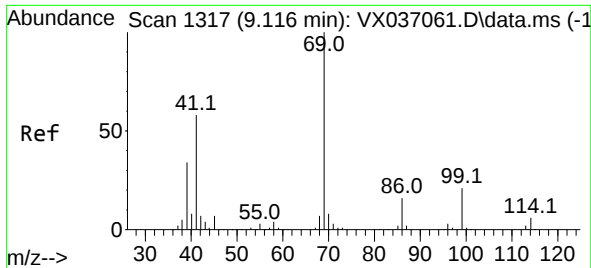
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#55
1,1,2-Trichloroethane
Concen: 0.937 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 97 Resp: 1976
Ion Ratio Lower Upper
97 100
83 72.9 65.8 98.8
85 48.3 41.6 62.4
99 53.8 47.8 71.8





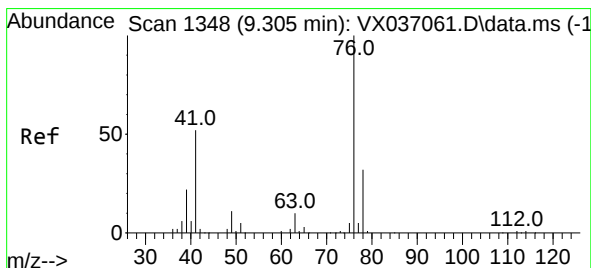
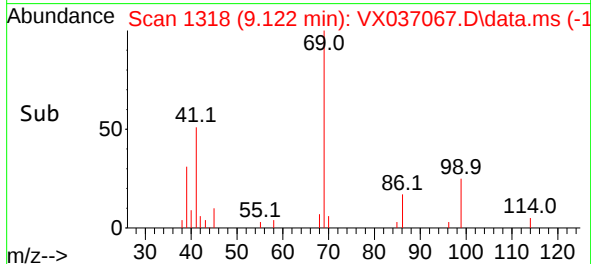
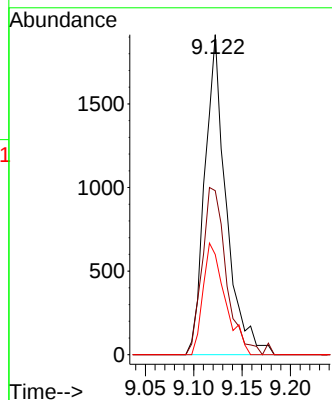
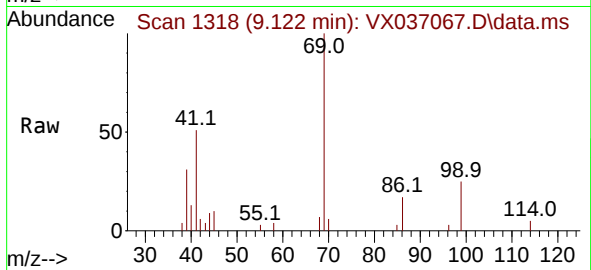
#56
Ethyl methacrylate
Concen: 0.892 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 2948
Ion Ratio Lower Upper
69 100
41 58.6 56.8 85.2
39 36.0 32.0 48.0

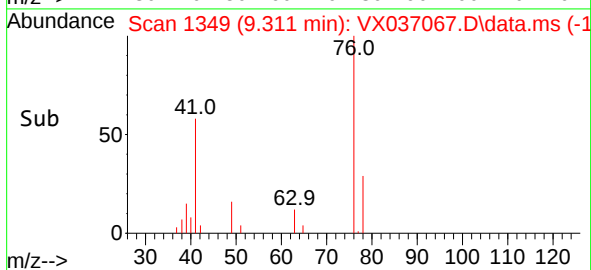
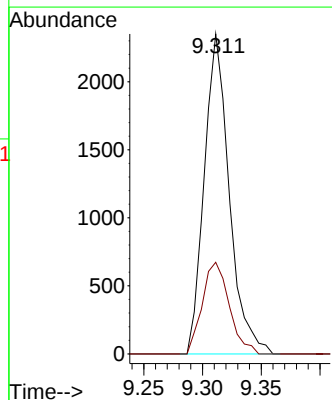
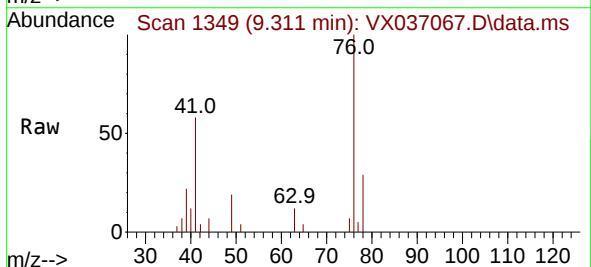
Manual Integrations
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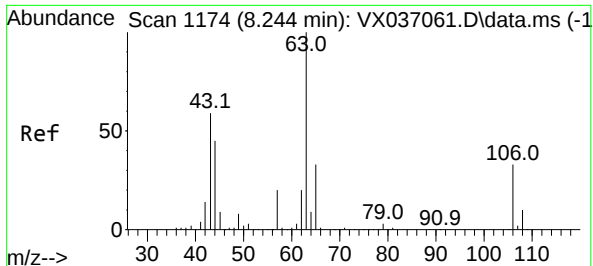
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#57
1,3-Dichloropropane
Concen: 0.977 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 76 Resp: 3472
Ion Ratio Lower Upper
76 100
78 30.9 26.1 39.1





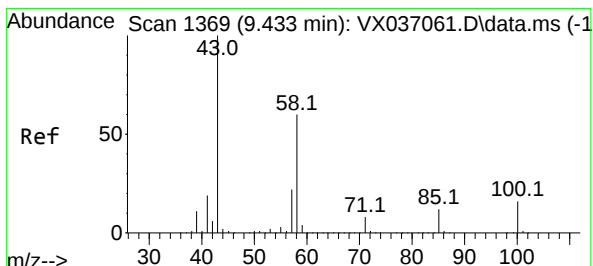
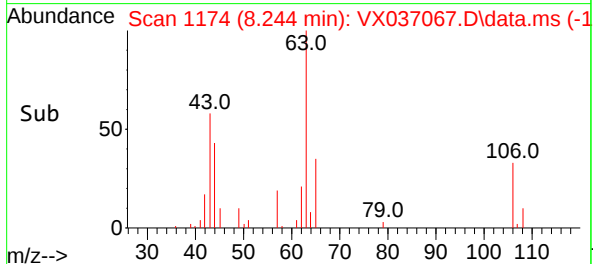
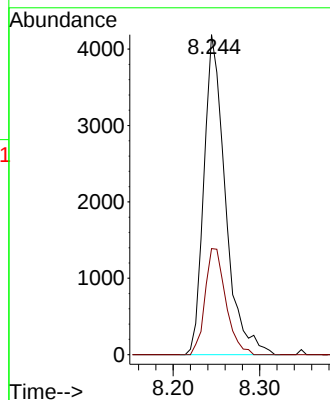
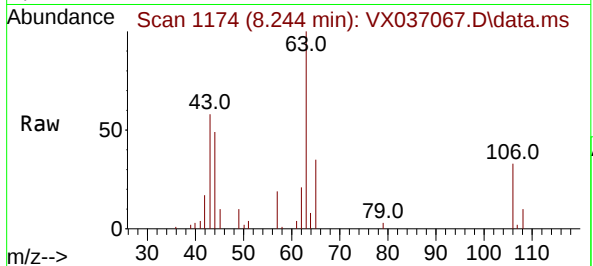
#58
2-Chloroethyl Vinyl ether
Concen: 4.549 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 721
Ion Ratio Lower Upper
63 100
106 32.1 22.5 33.7

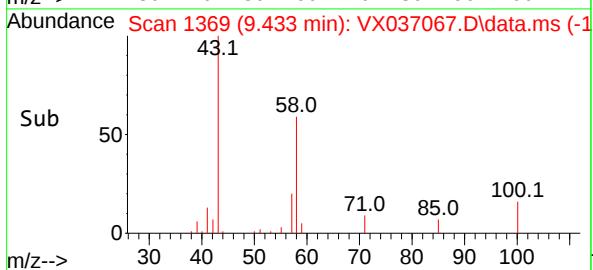
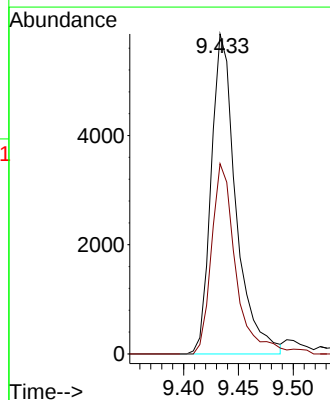
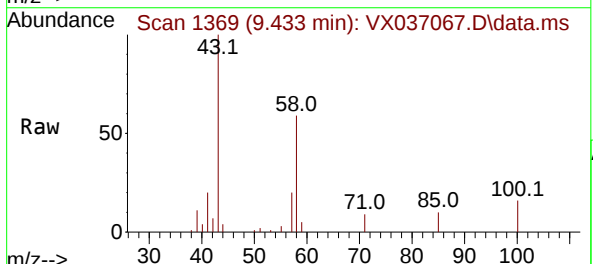
Manual Integrations
APPROVED

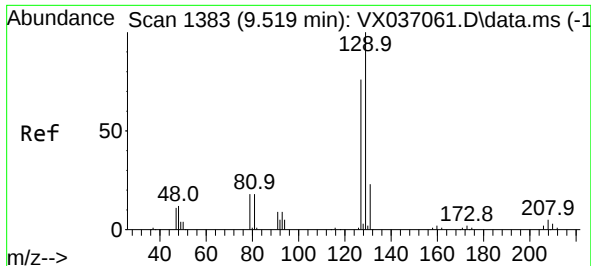
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#59
2-Hexanone
Concen: 4.486 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 43 Resp: 9206
Ion Ratio Lower Upper
43 100
58 58.7 26.2 78.5





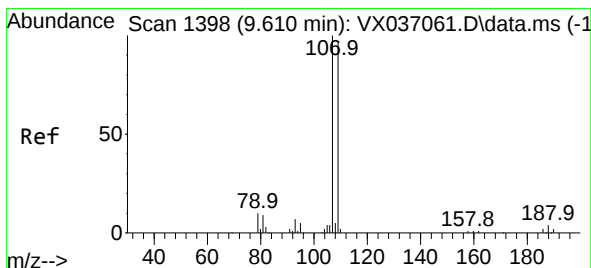
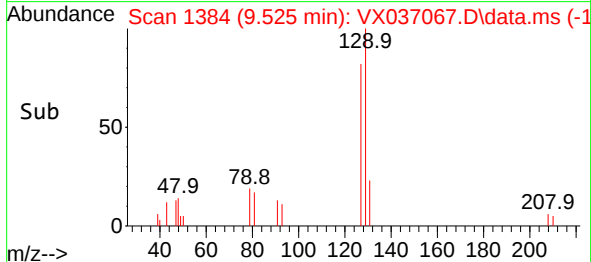
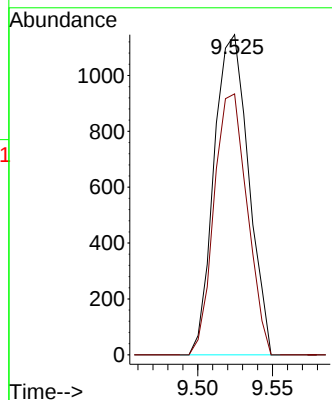
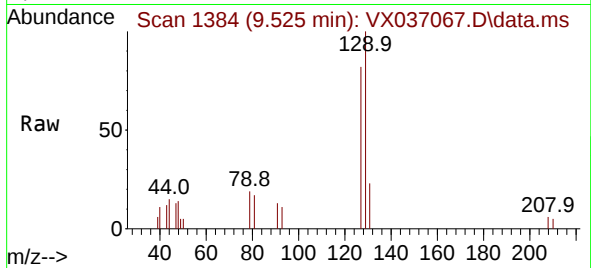
#60
Dibromochloromethane
Concen: 0.820 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 184
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

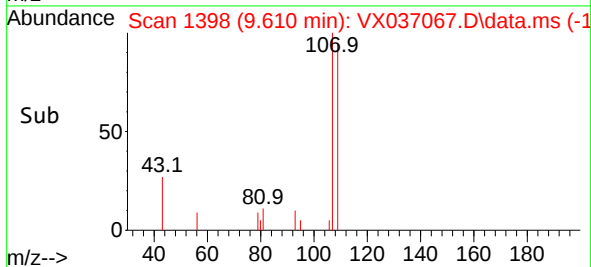
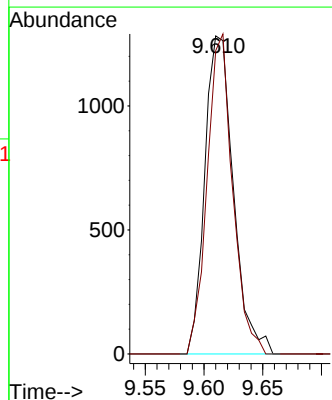
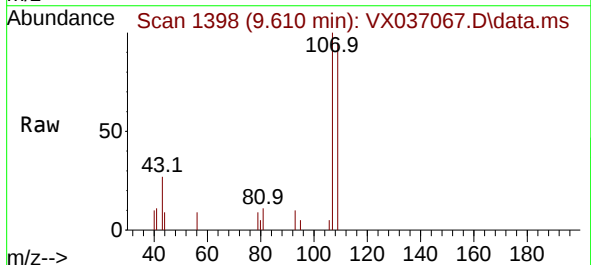
Manual Integrations
APPROVED

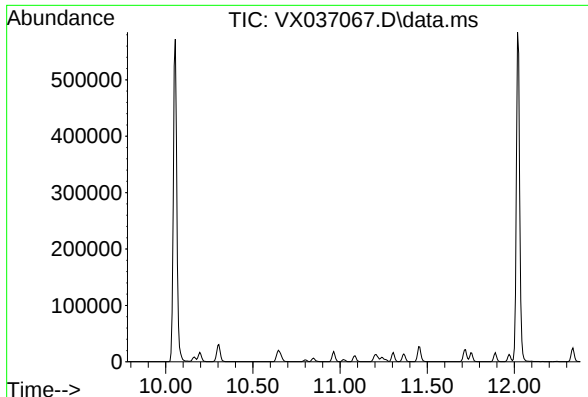
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#61
1,2-Dibromoethane
Concen: 0.938 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion:107 Resp: 2166
Ion Ratio Lower Upper
107 100
109 89.9 75.2 112.8





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

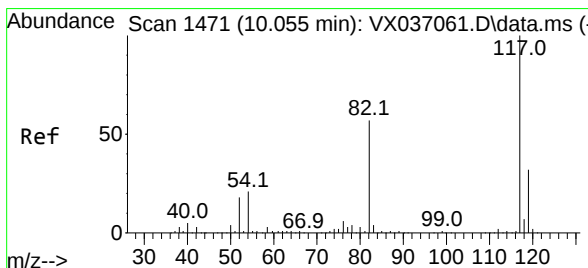
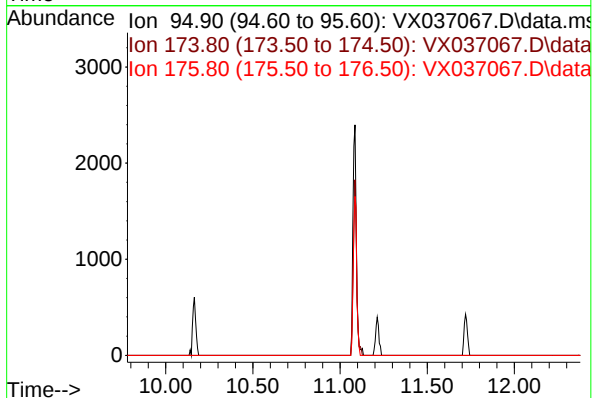
Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

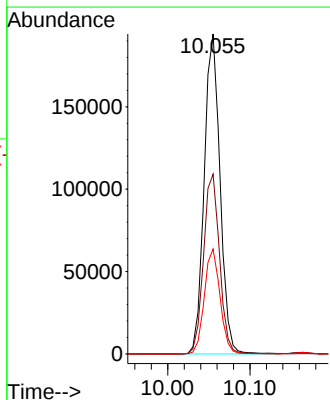
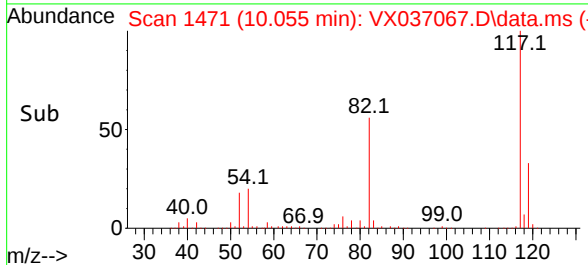
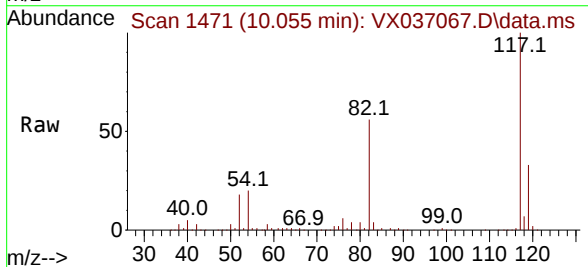
Supervised By :Semsettin Yesilyurt 08/18/2023

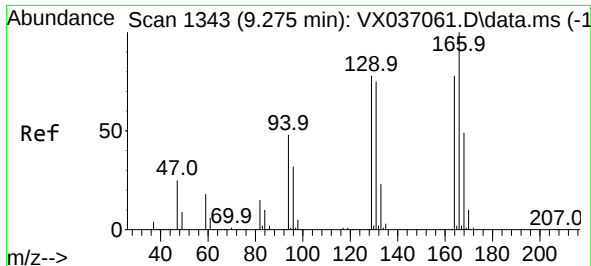
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 67.8
 176 65.5



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53

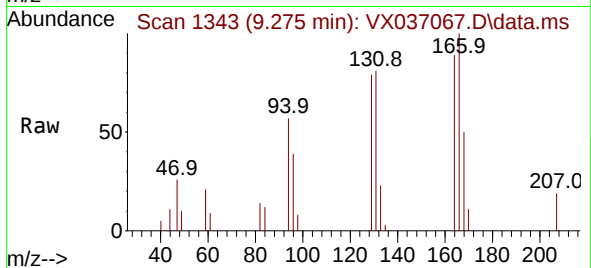
Tgt Ion:117 Resp: 260516
 Ion Ratio Lower Upper
 117 100
 82 56.2 46.2 69.4
 119 32.8 25.5 38.3





#64
Tetrachloroethene
Concen: 1.083 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

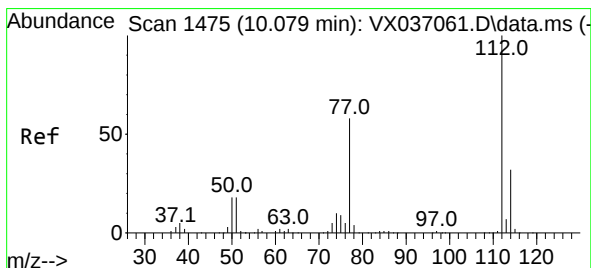
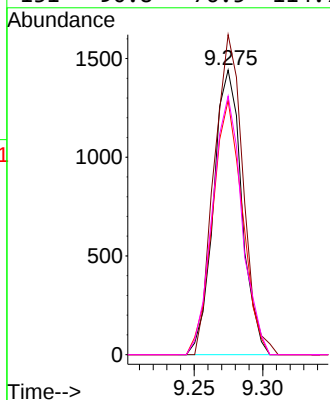
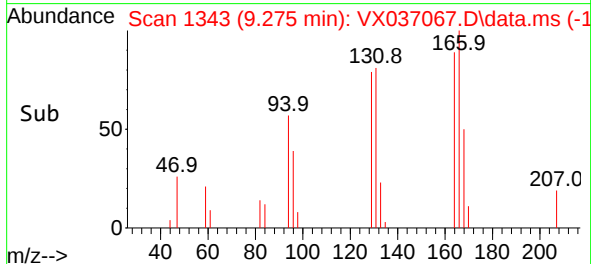


Tgt Ion:164 Resp: 2058

Ion	Ratio	Lower	Upper
164	100		
166	112.4	102.7	154.1
129	89.3	80.4	120.6
131	90.8	76.5	114.7

Manual Integrations
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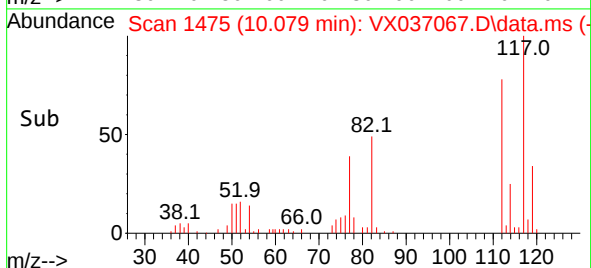
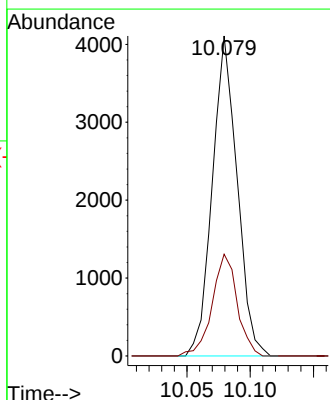
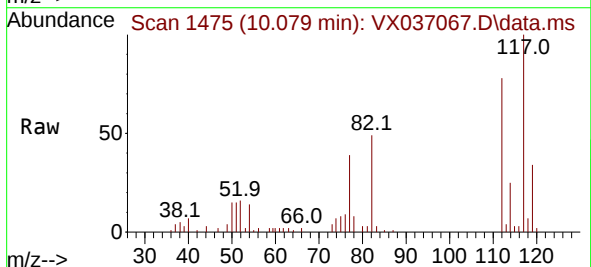
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

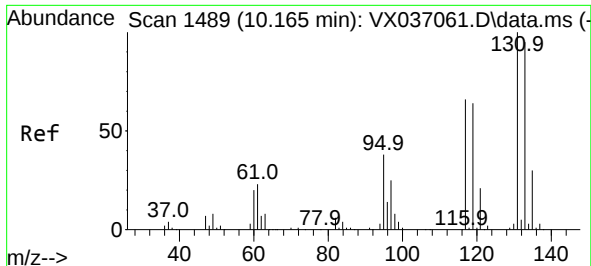


#65
Chlorobenzene
Concen: 1.016 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion:112 Resp: 5595

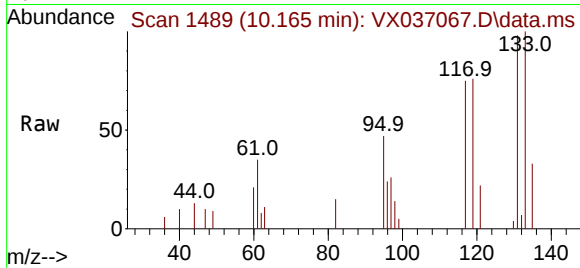
Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.884 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

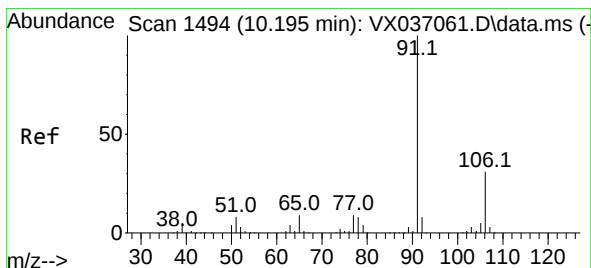
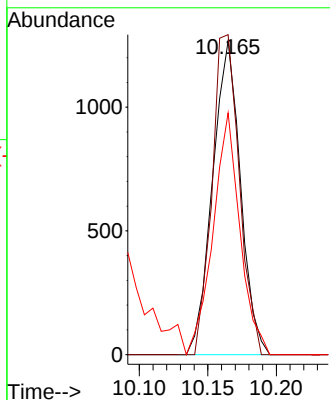
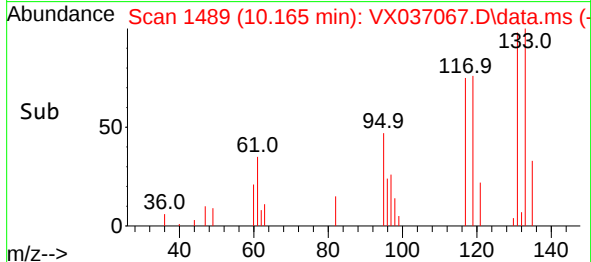
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



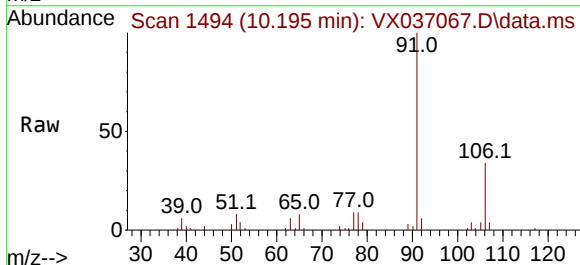
Tgt Ion:131 Resp: 1790
Ion Ratio Lower Upper
131 100
133 99.6 47.1 141.4
119 0.0 32.2 96.6

Manual Integrations
APPROVED

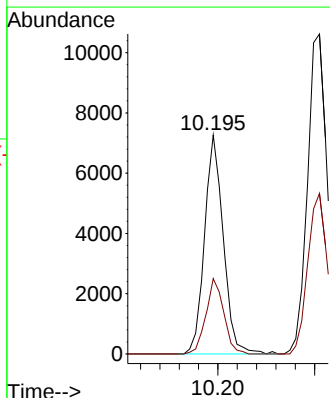
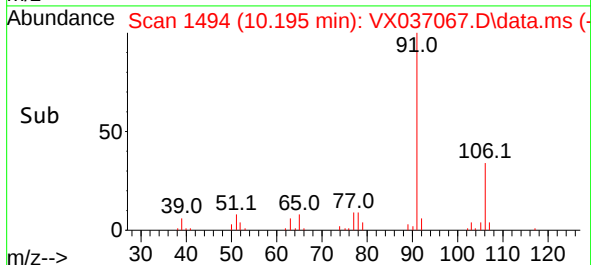
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

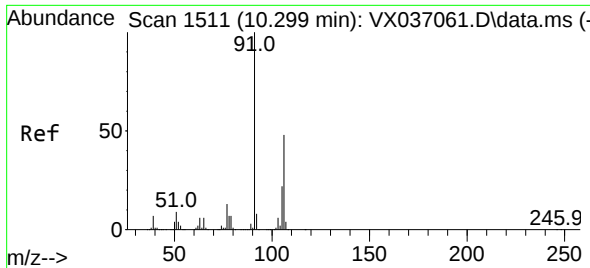


#67
Ethyl Benzene
Concen: 1.012 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



Tgt Ion: 91 Resp: 9806
Ion Ratio Lower Upper
91 100
106 34.5 24.9 37.3





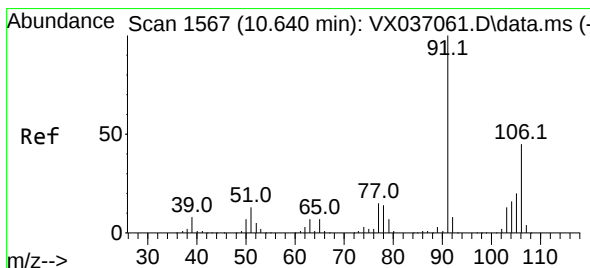
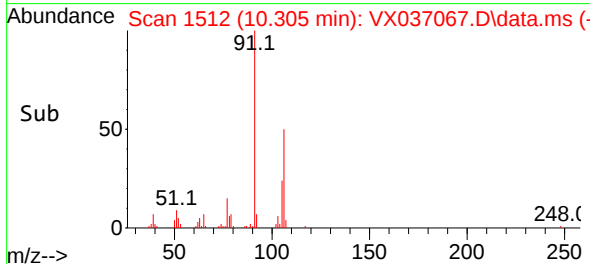
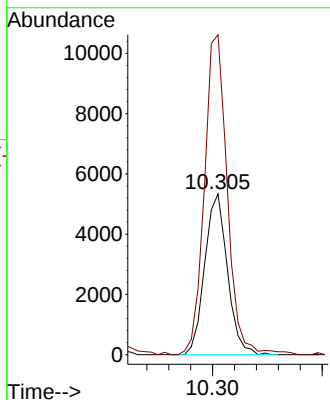
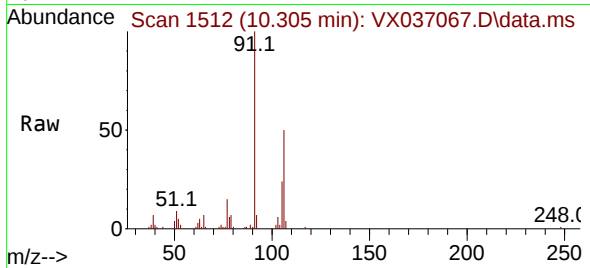
#68
m/p-Xylenes
Concen: 2.047 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 7658
Ion Ratio Lower Upper
106 100
91 201.1 165.5 248.3

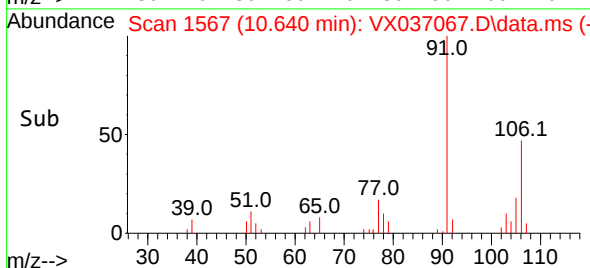
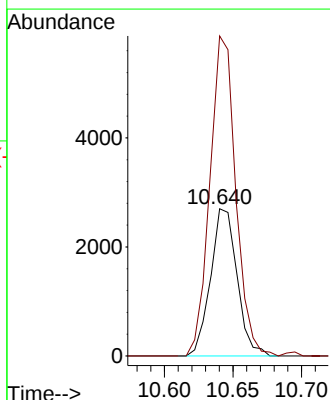
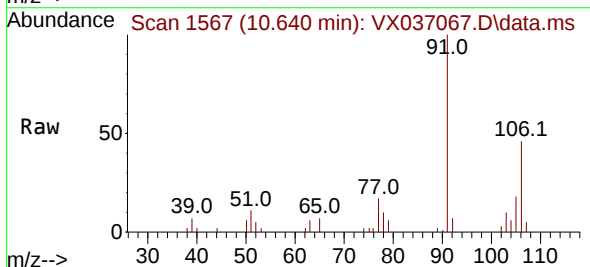
Manual Integrations
APPROVED

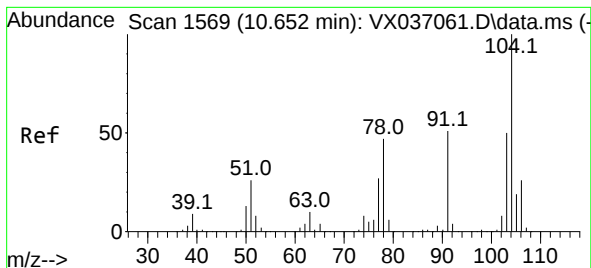
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#69
o-Xylene
Concen: 0.985 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion:106 Resp: 3636
Ion Ratio Lower Upper
106 100
91 211.9 108.9 326.8





#70

Styrene

Concen: 0.924 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.007 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

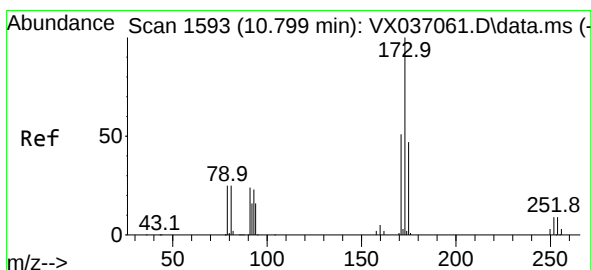
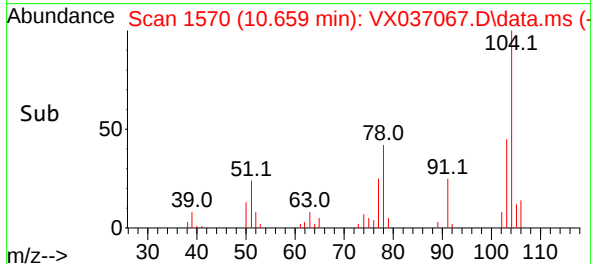
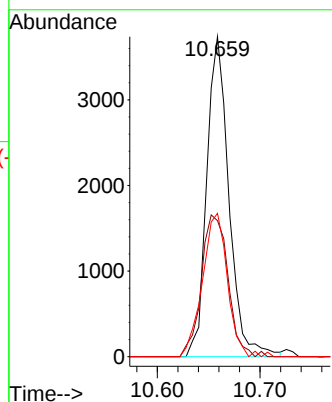
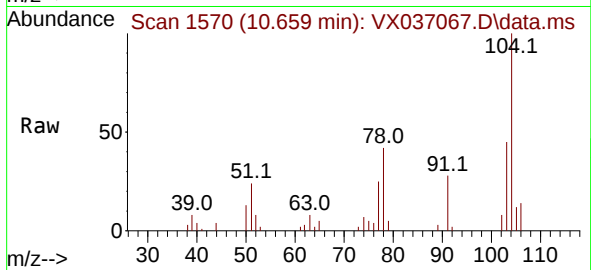
Tgt Ion:	104	Resp:	5619
Ion Ratio	Lower	Upper	
104	100		
78	53.2	43.6	65.4
103	50.6	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#71

Bromoform

Concen: 0.822 ug/l

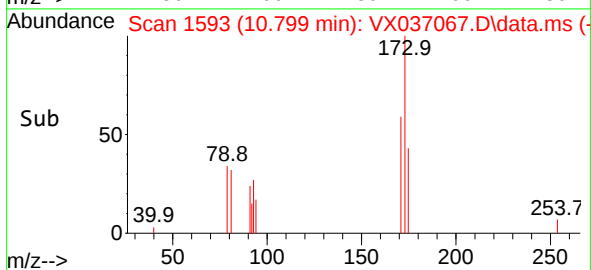
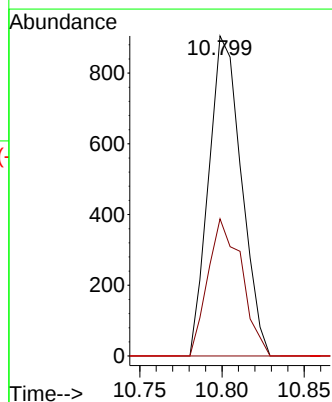
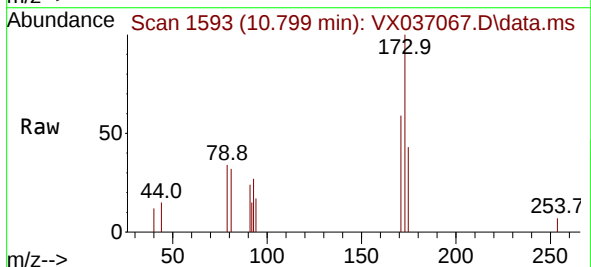
RT: 10.799 min Scan# 1593

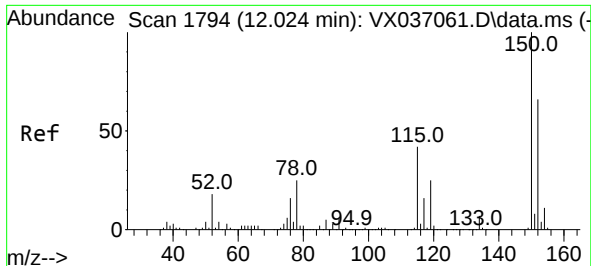
Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

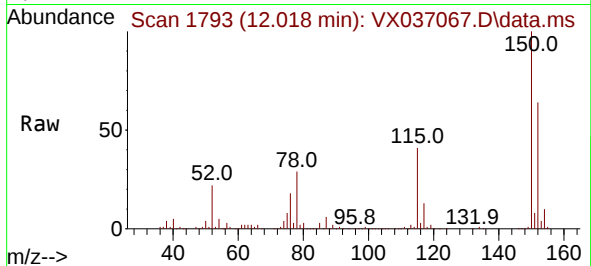
Tgt Ion:	173	Resp:	1250
Ion Ratio	Lower	Upper	
173	100		
175	44.4	24.1	72.4
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

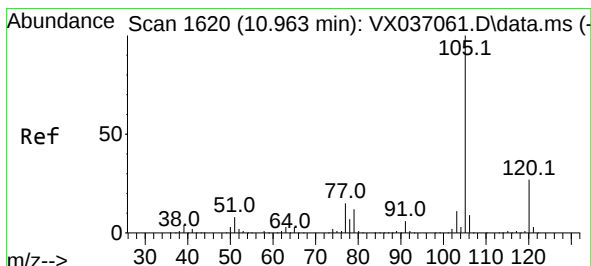
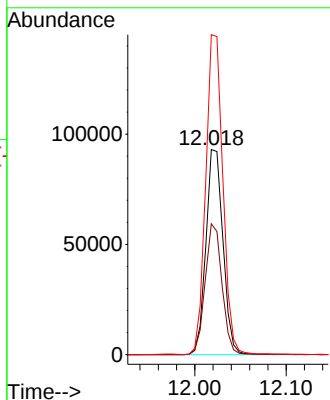
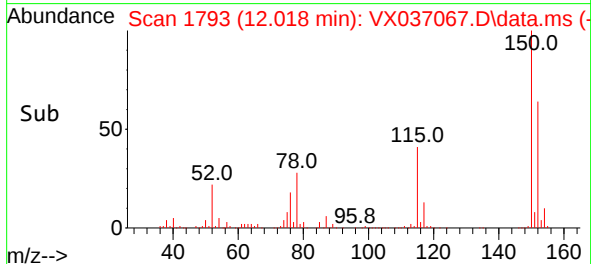
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



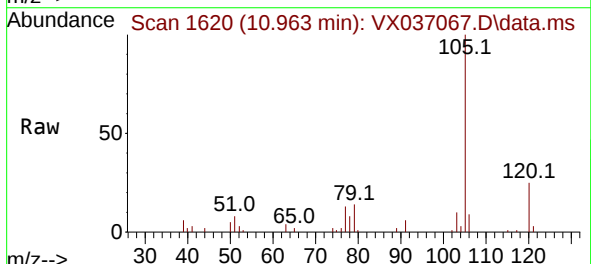
Tgt Ion:152 Resp: 12072
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 156.2 0.0 345.0

Manual Integrations
APPROVED

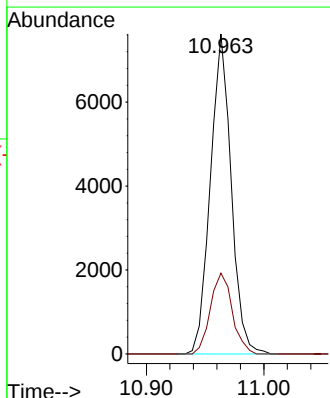
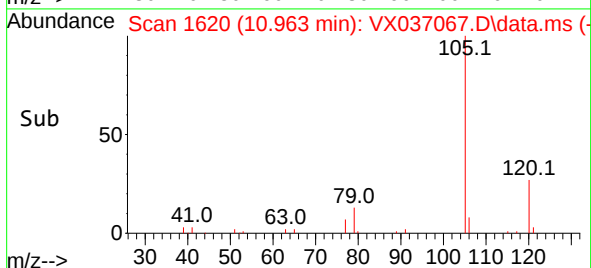
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

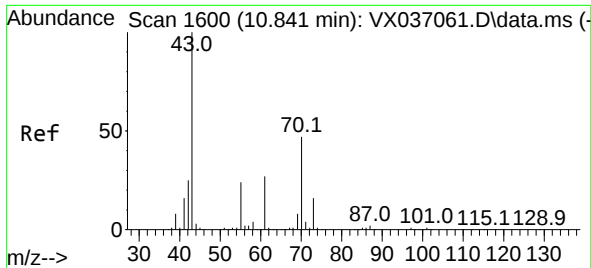


#73
Isopropylbenzene
Concen: 1.067 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



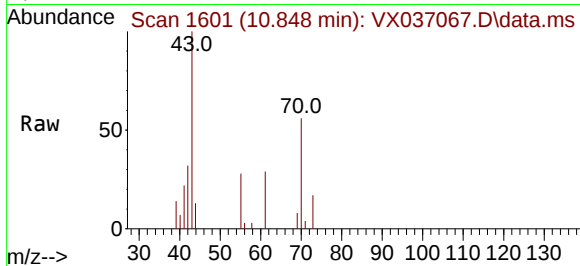
Tgt Ion:105 Resp: 9365
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6





#74
N-amy1 acetate
Concen: 0.927 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

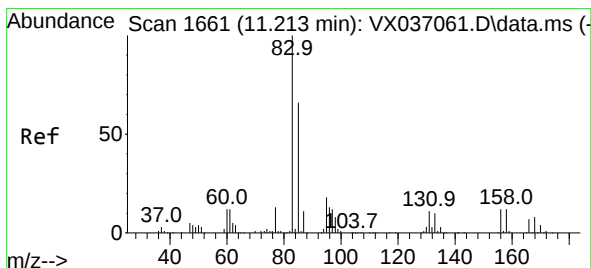
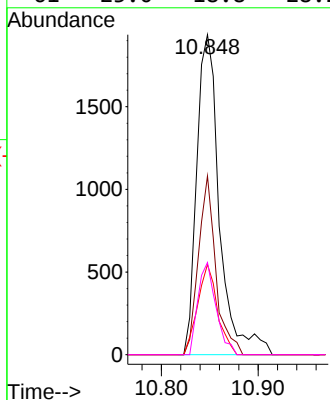
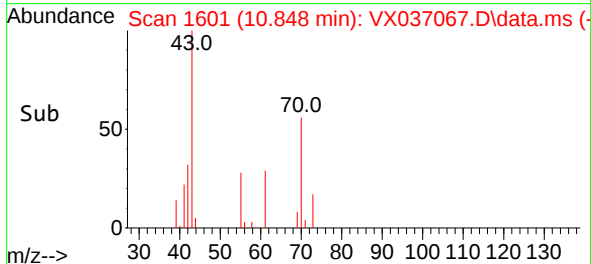
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	32.9	49.3
55	24.6	19.3	28.9
61	23.0	18.8	28.2

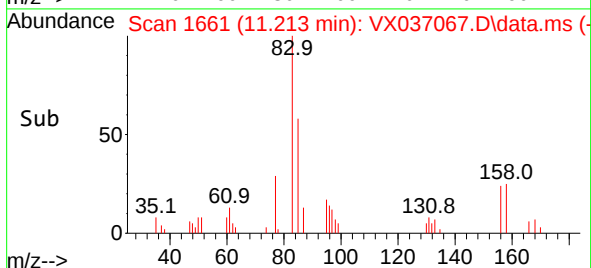
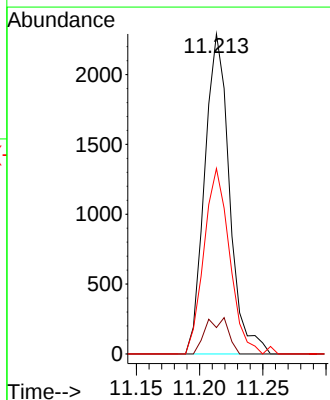
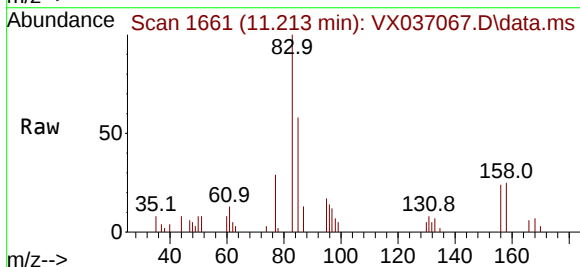
Manual Integrations
APPROVED

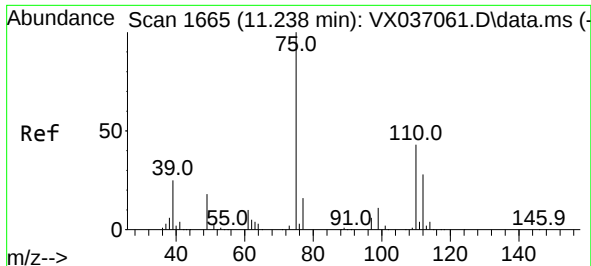
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.055 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	60.6	32.0	96.2





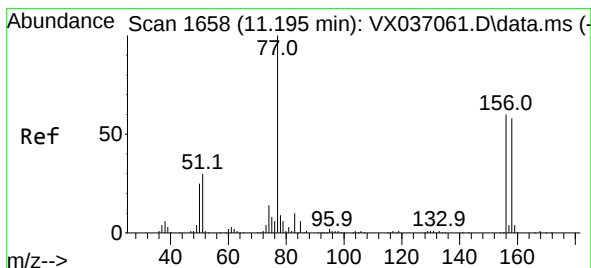
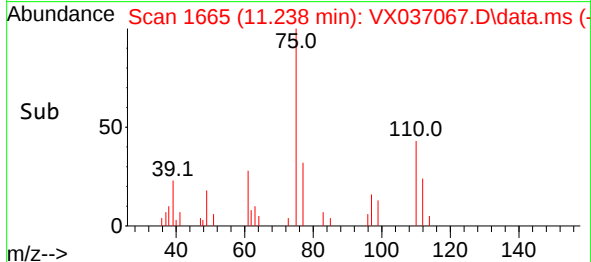
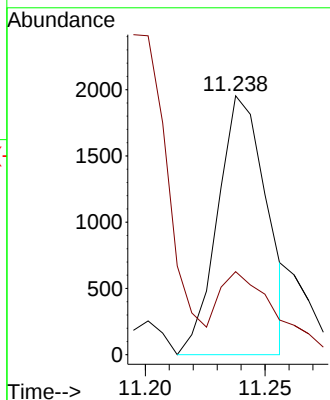
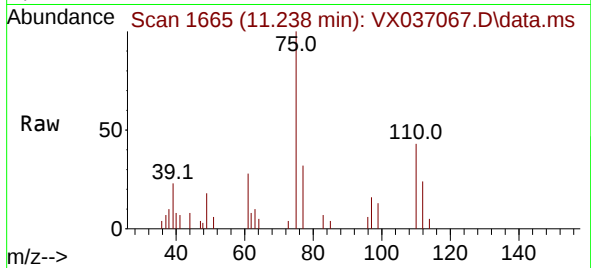
#76
1,2,3-Trichloropropane
Concen: 1.077 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 2769
Ion Ratio Lower Upper
75 100
77 37.3 19.1 57.5

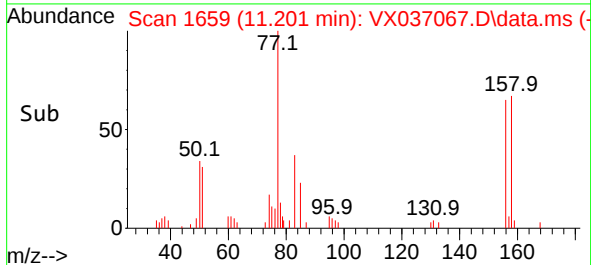
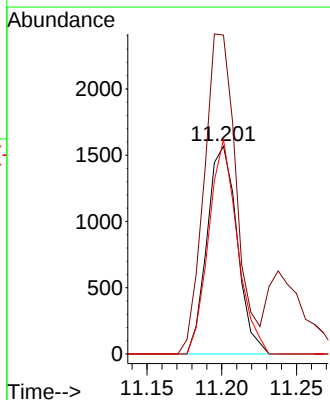
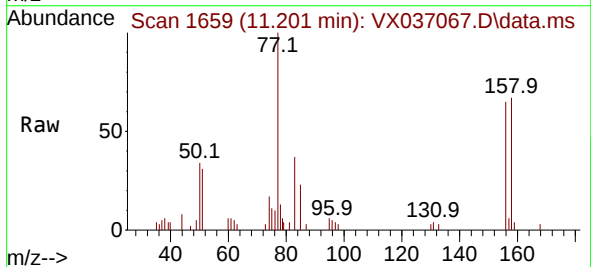
Manual Integrations
APPROVED

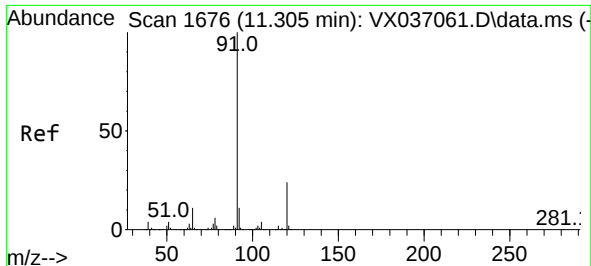
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#77
Bromobenzene
Concen: 1.020 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion:156 Resp: 2186
Ion Ratio Lower Upper
156 100
77 165.4 88.4 265.3
158 98.9 48.0 144.0





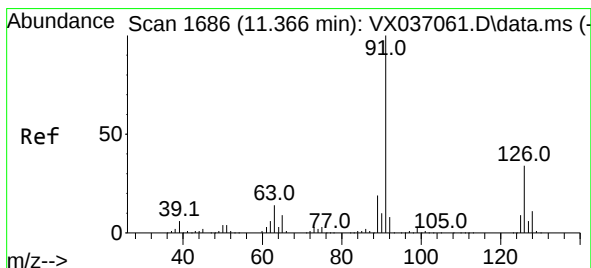
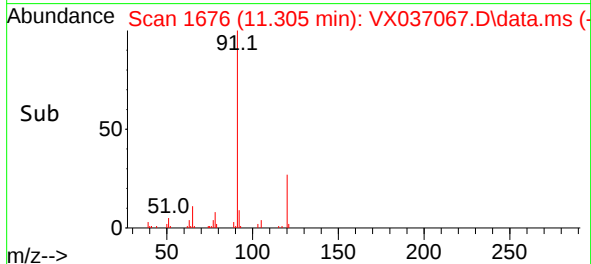
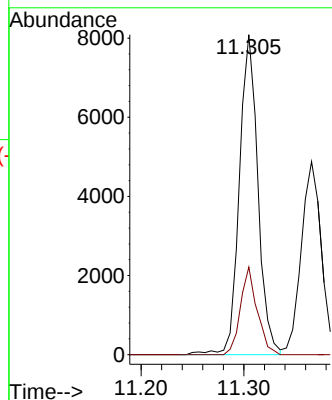
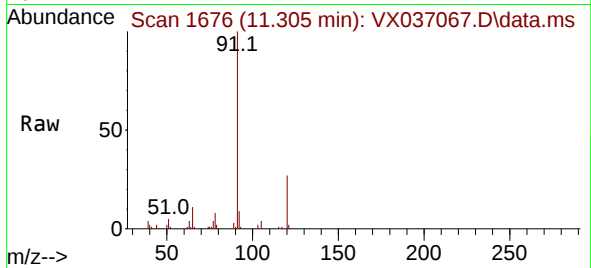
#78
n-propylbenzene
Concen: 1.040 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1016
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4

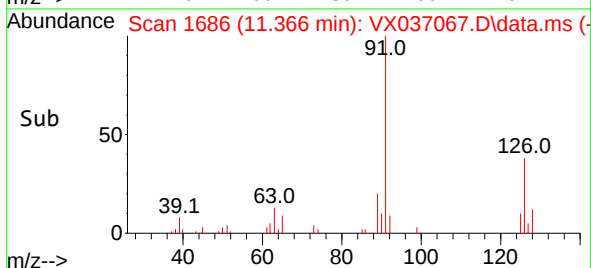
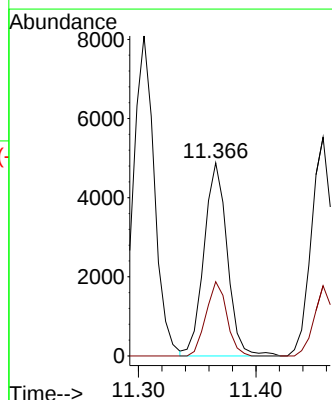
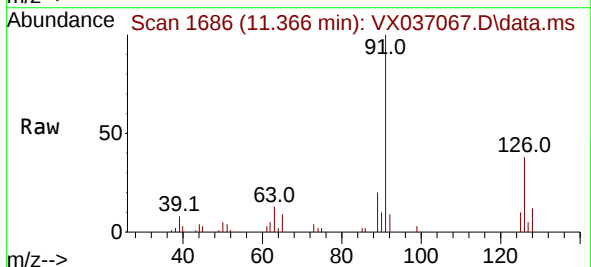
Manual Integrations
APPROVED

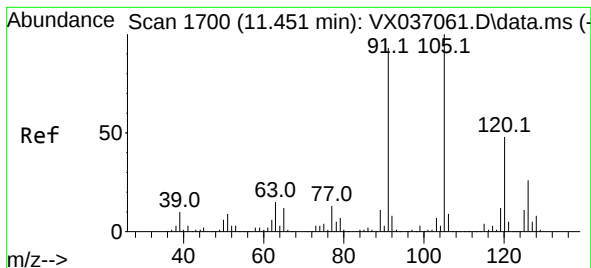
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#79
2-Chlorotoluene
Concen: 1.077 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

Tgt Ion: 91 Resp: 6723
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.998 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 7302

Ion Ratio Lower Upper

105 100

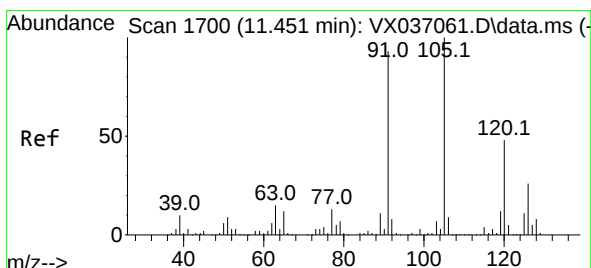
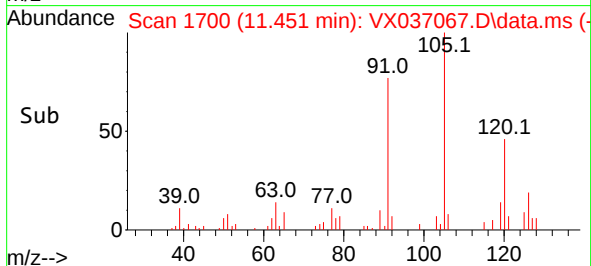
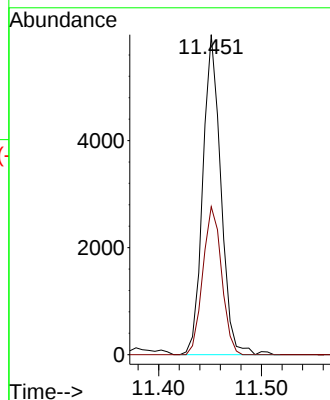
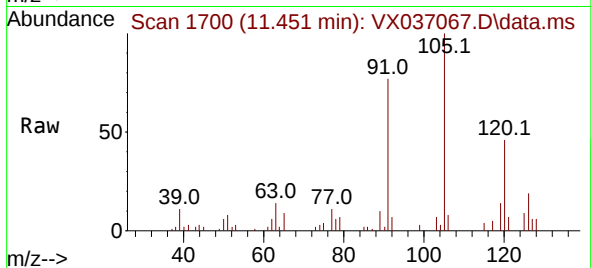
120 48.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#82

4-Chlorotoluene

Concen: 1.038 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX037067.D

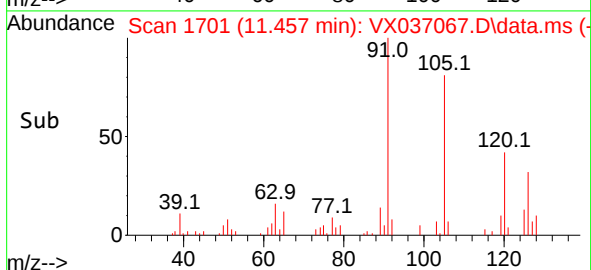
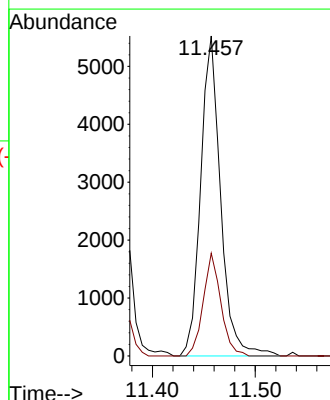
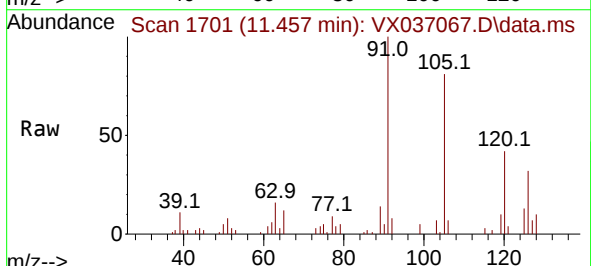
Acq: 17 Aug 2023 18:53

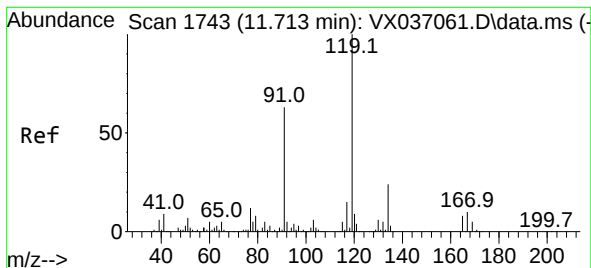
Tgt Ion: 91 Resp: 7478

Ion Ratio Lower Upper

91 100

126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 1.056 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

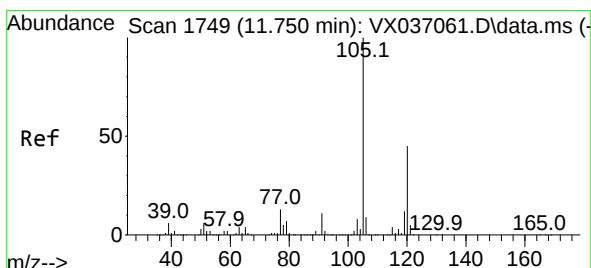
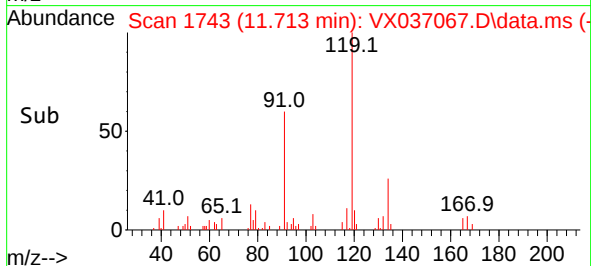
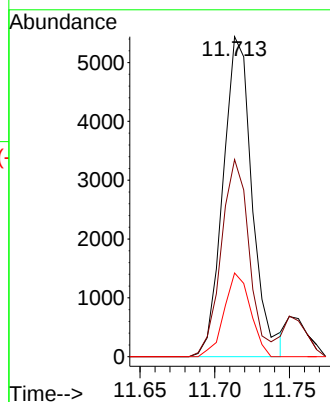
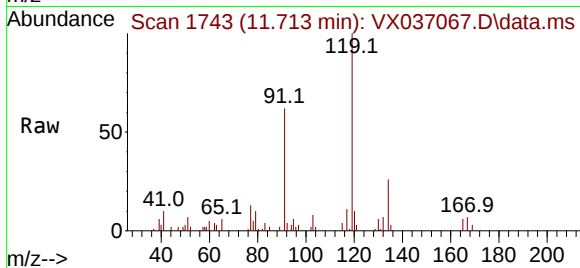
Tgt Ion:	119	Resp:	7369
Ion Ratio	Lower	Upper	
119	100		
91	59.5	31.2	93.6
134	23.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 1.016 ug/l

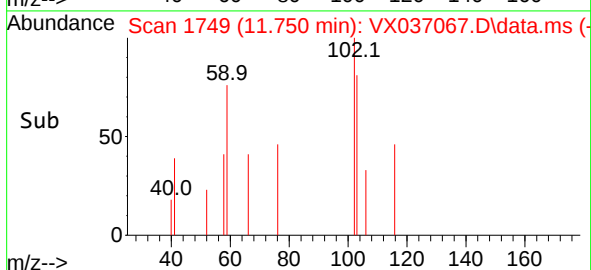
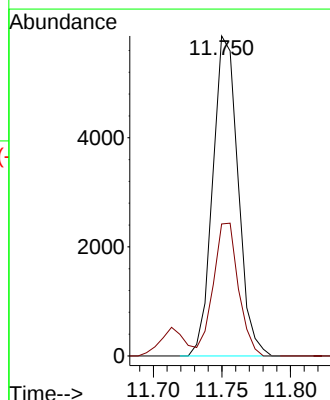
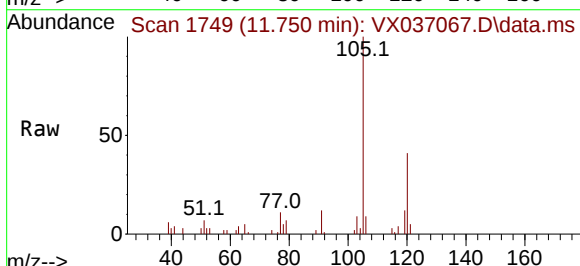
RT: 11.750 min Scan# 1749

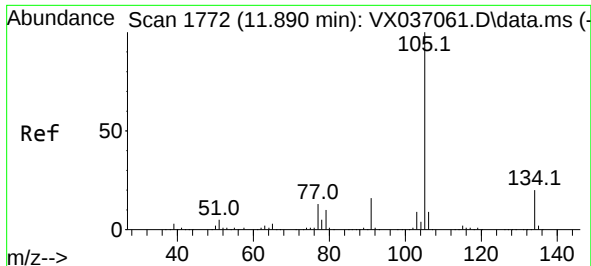
Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

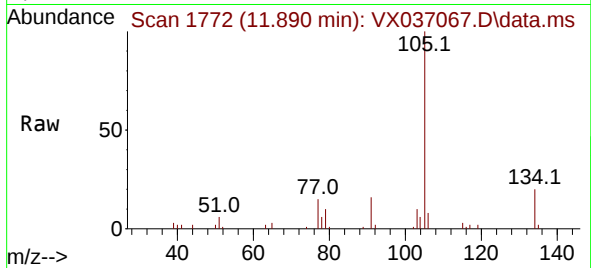
Tgt Ion:	105	Resp:	7517
Ion Ratio	Lower	Upper	
105	100		
120	41.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 1.011 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53

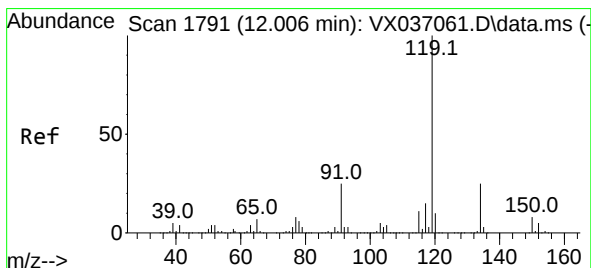
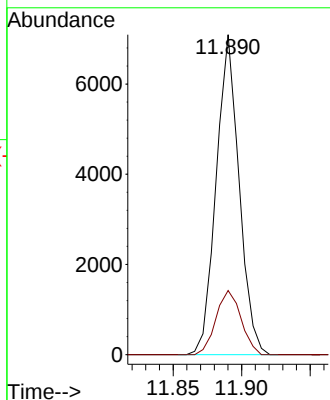
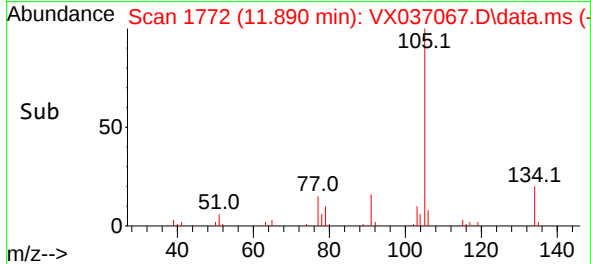
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



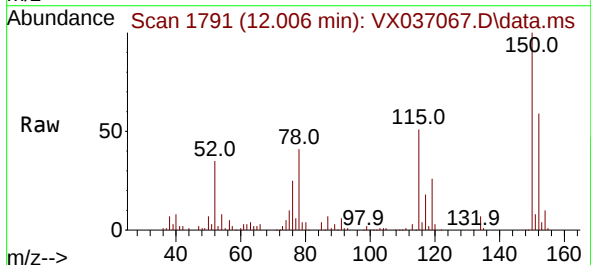
Tgt Ion:105 Resp: 8240
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.4

Manual Integrations
 APPROVED

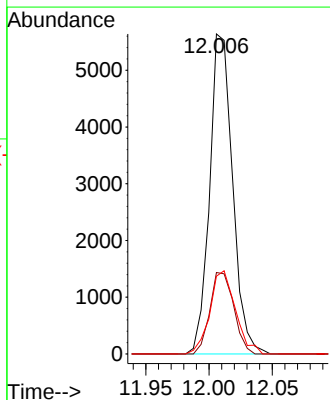
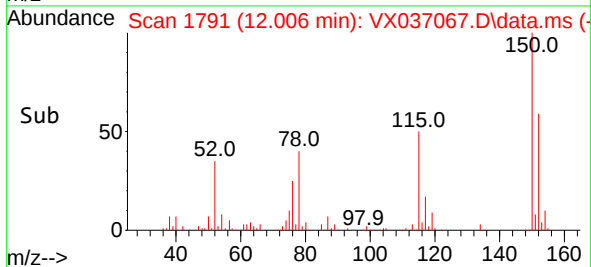
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

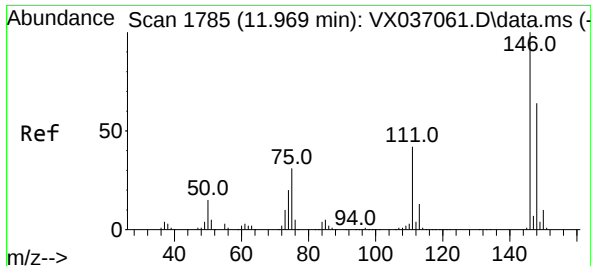


#86
 p-Isopropyltoluene
 Concen: 1.015 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53



Tgt Ion:119 Resp: 7127
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 28.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.030 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 4138

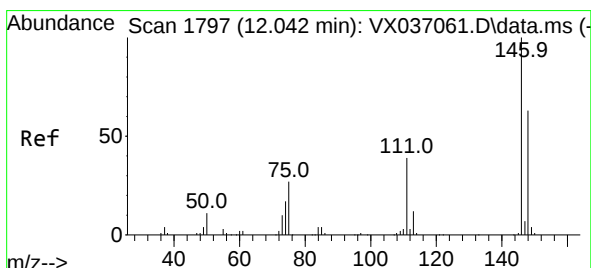
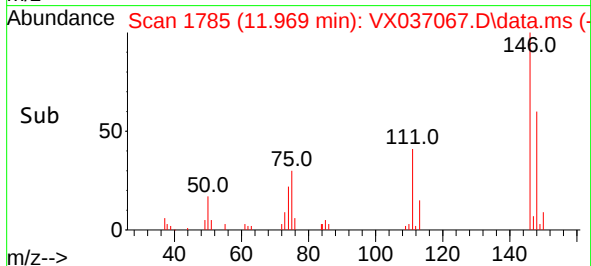
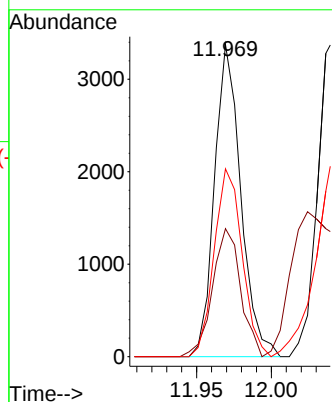
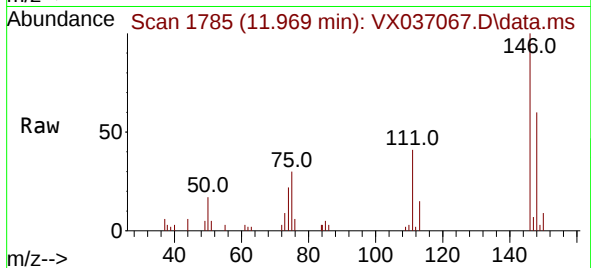
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#88

1,4-Dichlorobenzene

Concen: 1.116 ug/l m

RT: 12.042 min Scan# 1797

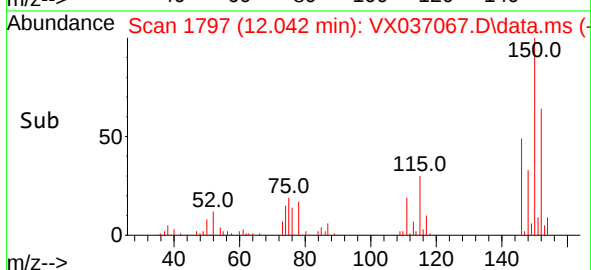
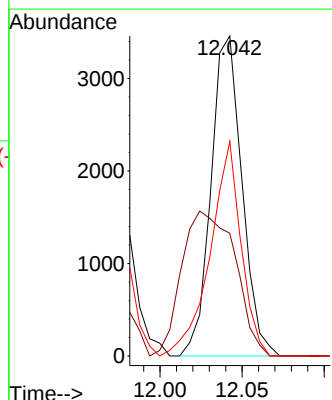
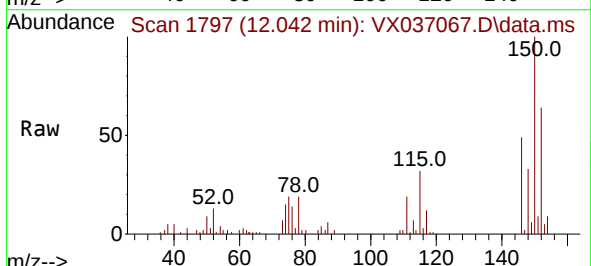
Delta R.T. -0.000 min

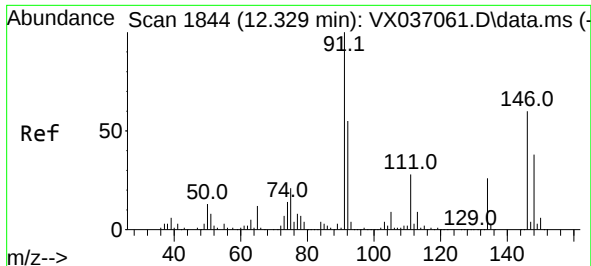
Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Tgt Ion:146 Resp: 4550

Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.3	63.7
148	57.9	31.8	95.4





#89

n-Butylbenzene

Concen: 1.012 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

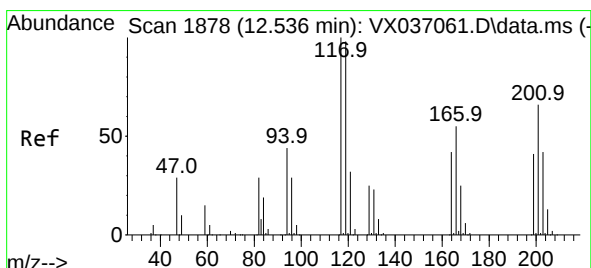
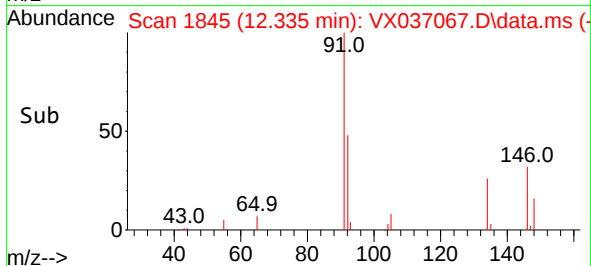
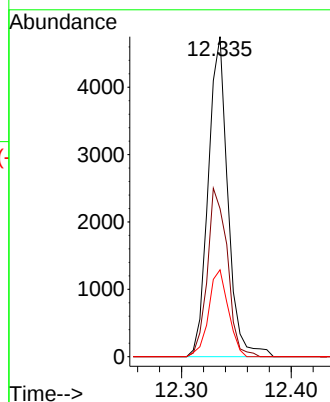
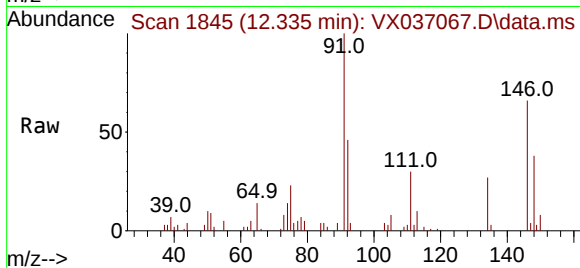
Tgt Ion: 91	Resp: 588
Ion Ratio	Lower Upper
91	100
92	53.5 27.4 82.0
134	27.3 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#90

Hexachloroethane

Concen: 0.883 ug/l

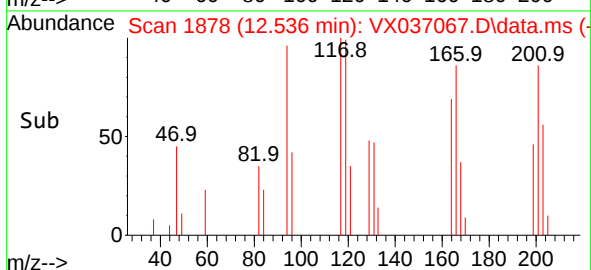
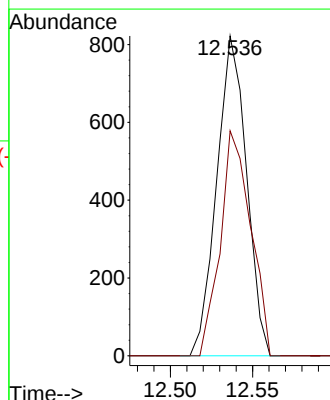
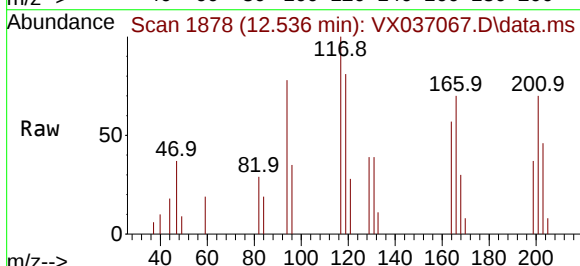
RT: 12.536 min Scan# 1878

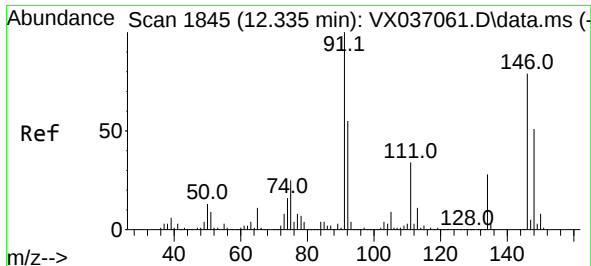
Delta R.T. -0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:53

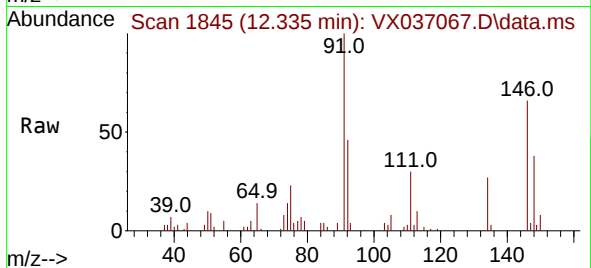
Tgt Ion: 117	Resp: 1034
Ion Ratio	Lower Upper
117	100
201	71.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.972 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

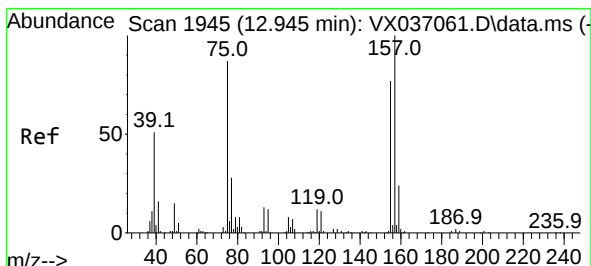
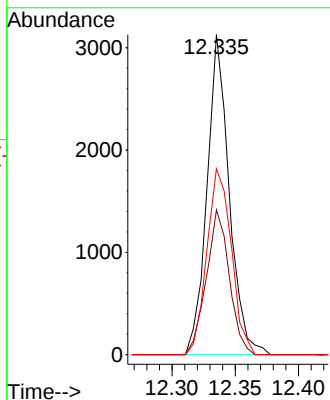
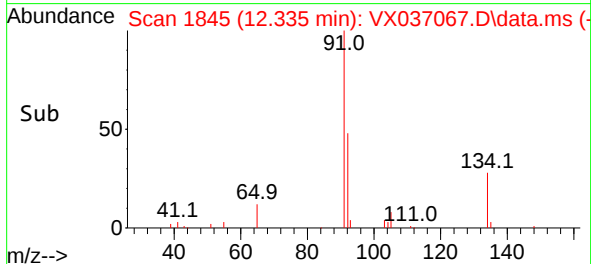
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



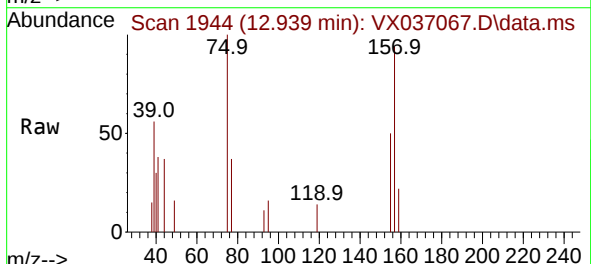
Tgt Ion:146 Resp: 3818
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
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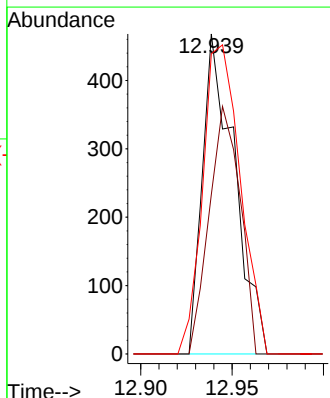
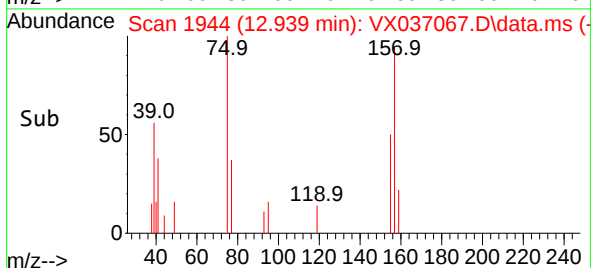
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

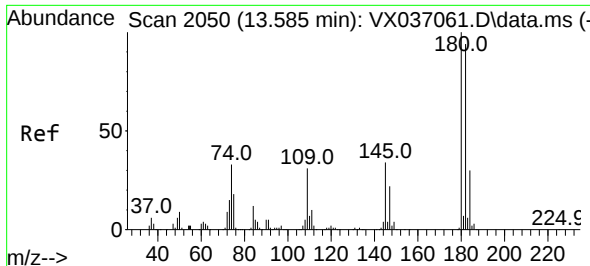


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.827 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



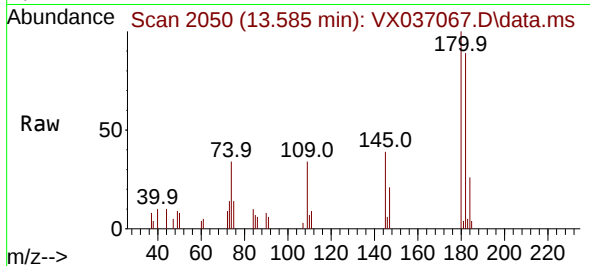
Tgt Ion: 75 Resp: 568
Ion Ratio Lower Upper
75 100
155 75.4 36.1 108.5
157 114.3 44.9 134.7





#93
 1,2,4-Trichlorobenzene
 Concen: 0.996 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53

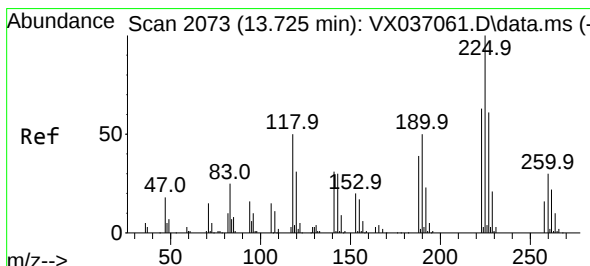
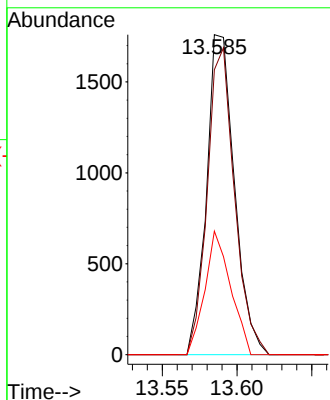
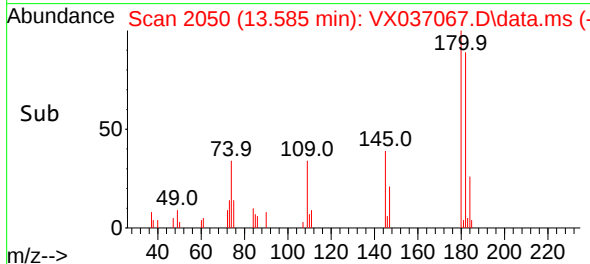
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



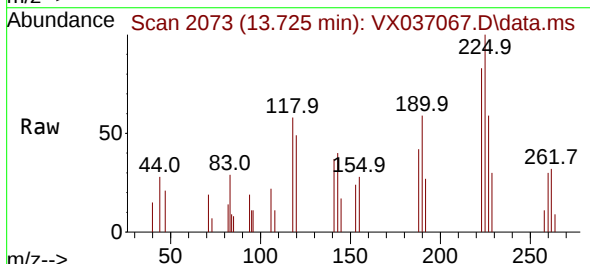
Tgt Ion:180 Resp: 2290
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.3 144.8
 145 35.5 18.0 54.0

Manual Integrations
 APPROVED

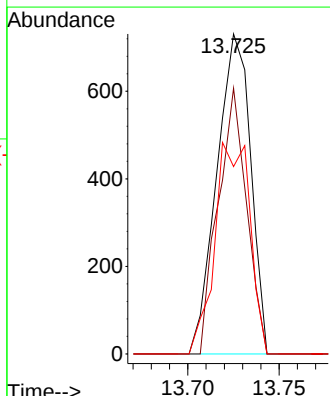
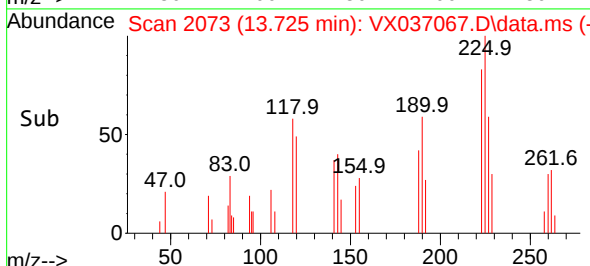
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

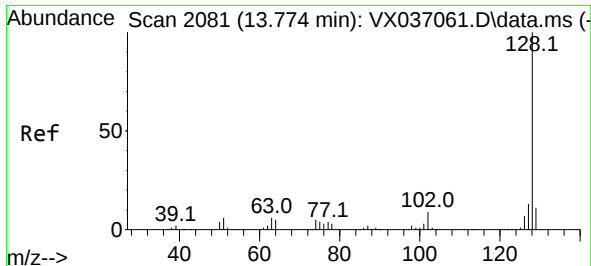


#94
 Hexachlorobutadiene
 Concen: 1.060 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:53



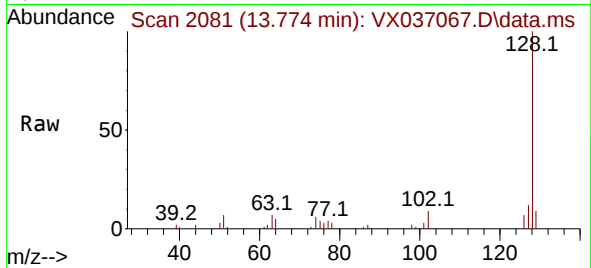
Tgt Ion:225 Resp: 941
 Ion Ratio Lower Upper
 225 100
 223 69.9 31.1 93.2
 227 68.5 32.5 97.5





#95
Naphthalene
Concen: 1.243 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53

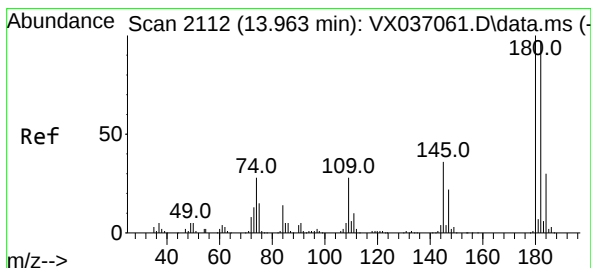
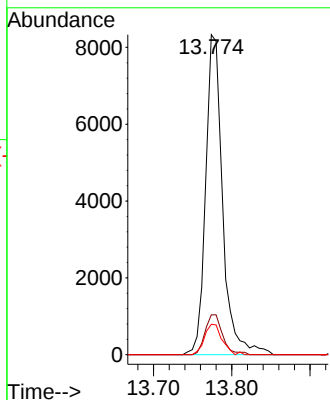
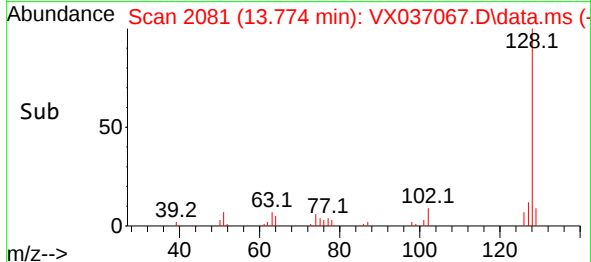
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



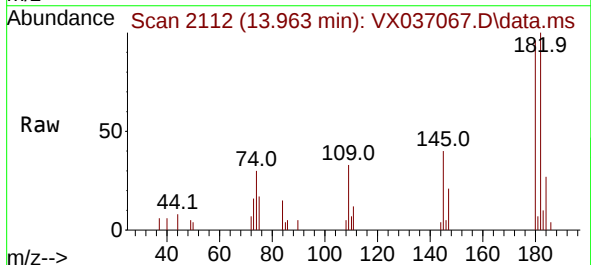
Tgt Ion:128 Resp: 1252
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 9.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.926 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:53



Tgt Ion:180 Resp: 2116
Ion Ratio Lower Upper
180 100
182 98.6 46.9 140.6
145 39.3 17.8 53.5

