

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039180.D
 Acq On : 13 Dec 2023 10:12
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Quant Time: Dec 14 01:17:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:16:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	216315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103860	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	1.167	85	1770	0.989	ug/l	85
3) Chloromethane	1.295	50	2010	1.013	ug/l #	83
4) Vinyl Chloride	1.374	62	1849	1.002	ug/l	95
6) Chloroethane	1.691	64	1361	1.224	ug/l	94
7) Trichlorofluoromethane	1.892	101	2728	1.010	ug/l	99
8) Diethyl Ether	2.130	74	914	0.977	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	1710	1.037	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1666	1.017	ug/l	84
14) Allyl chloride	2.666	41	3358	1.012	ug/l	95
15) Acrylonitrile	3.069	53	5953	5.076	ug/l	98
16) Acetone	2.374	43	10419	6.189	ug/l	95
17) Carbon Disulfide	2.514	76	5047	1.053	ug/l	99
18) Methyl Acetate	2.703	43	5029	0.997	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	6092	1.028	ug/l	92
20) Methylene Chloride	2.788	84	2123	1.092	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	1870	1.049	ug/l	88
22) Diisopropyl ether	3.764	45	6031	0.999	ug/l #	97
23) Vinyl Acetate	3.733	43	20322	4.520	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3455	1.012	ug/l	97
25) 2-Butanone	4.568	43	11291	5.608	ug/l	93
26) 2,2-Dichloropropane	4.477	77	2908	0.976	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	1721m	0.875	ug/l	
28) Bromochloromethane	4.891	49	1430	0.858	ug/l #	100
29) Tetrahydrofuran	5.013	42	5525	4.969	ug/l	95
30) Chloroform	5.087	83	3447	1.010	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	2815	0.950	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	2554	0.993	ug/l #	77
37) Ethyl Acetate	4.727	43	3086	0.971	ug/l #	91
38) Carbon Tetrachloride	5.672	117	2336	0.952	ug/l	93
39) Methylcyclohexane	7.373	83	3117	1.009	ug/l	96
40) Benzene	6.044	78	7059	0.970	ug/l	99
41) Methacrylonitrile	4.928	41	1610	0.950	ug/l #	54
42) 1,2-Dichloroethane	6.092	62	2827	0.960	ug/l	84
43) Isopropyl Acetate	6.336	43	4865	0.942	ug/l	97
44) Trichloroethene	7.123	130	1926	1.049	ug/l	80
45) 1,2-Dichloropropane	7.434	63	1854	0.950	ug/l	96

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Manual Integrations
 APPROVED

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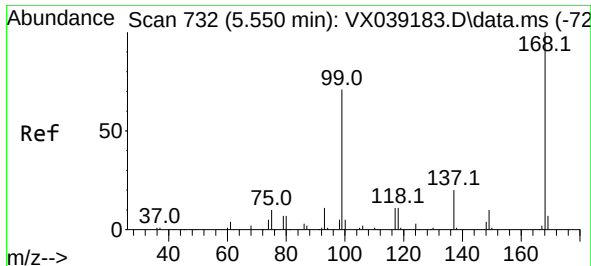
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1383	1.008	ug/l	91
47) Bromodichloromethane	7.824	83	2289	0.872	ug/l #	95
48) Methyl methacrylate	7.702	41	2615	0.866	ug/l	95
49) 1,4-Dioxane	7.671	88	710	17.440	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	15622	4.746	ug/l	95
52) Toluene	8.714	92	4281	0.975	ug/l	89
53) t-1,3-Dichloropropene	8.982	75	2456	0.850	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	2926	0.941	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	1810	0.988	ug/l	92
56) Ethyl methacrylate	9.122	69	1743	0.779	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	3086	0.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	4894	3.725	ug/l	91
59) 2-Hexanone	9.433	43	13637	4.801	ug/l	96
60) Dibromochloromethane	9.525	129	1681	0.907	ug/l	91
61) 1,2-Dibromoethane	9.610	107	1850	0.946	ug/l	97
64) Tetrachloroethene	9.275	164	1489	1.053	ug/l #	87
65) Chlorobenzene	10.080	112	5040	1.067	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	1582	0.949	ug/l #	65
67) Ethyl Benzene	10.195	91	8568	0.975	ug/l	90
68) m/p-Xylenes	10.299	106	6232	1.978	ug/l	93
69) o-Xylene	10.640	106	2965	0.973	ug/l	95
70) Styrene	10.659	104	3800	0.853	ug/l	91
71) Bromoform	10.805	173	948	0.765	ug/l #	95
73) Isopropylbenzene	10.957	105	7747	0.967	ug/l	98
74) N-amyl acetate	10.842	43	3337	0.823	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	2820	0.946	ug/l	92
76) 1,2,3-Trichloropropane	11.238	75	2708m	1.008	ug/l	
77) Bromobenzene	11.201	156	1660	0.937	ug/l	85
78) n-propylbenzene	11.305	91	9503	0.963	ug/l	98
79) 2-Chlorotoluene	11.366	91	6122	1.025	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	6094	0.893	ug/l	93
82) 4-Chlorotoluene	11.457	91	6787	0.968	ug/l	98
83) tert-Butylbenzene	11.713	119	6017	0.926	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	6555	0.936	ug/l	99
85) sec-Butylbenzene	11.890	105	7914	0.957	ug/l	97
86) p-Isopropyltoluene	12.012	119	6725	0.969	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	3532	1.015	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	4114m	1.135	ug/l	
89) n-Butylbenzene	12.335	91	6037	0.885	ug/l	92
90) Hexachloroethane	12.543	117	1167	0.931	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	3346	1.005	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	620	0.790	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	2200	1.009	ug/l	95
94) Hexachlorobutadiene	13.725	225	806	0.981	ug/l	99
95) Naphthalene	13.774	128	6551	0.862	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	2017	0.958	ug/l	90

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

Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

Abundance

TIC: VX039180.D\data.ms



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

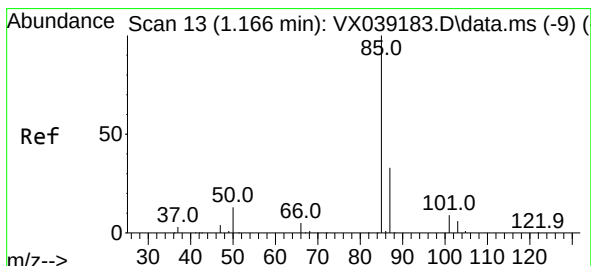
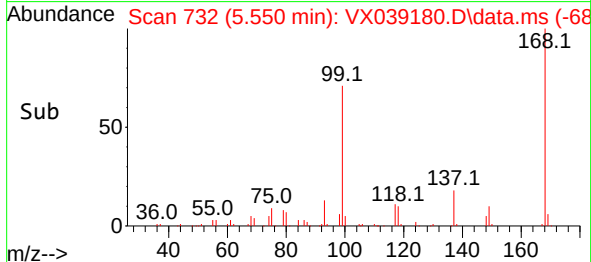
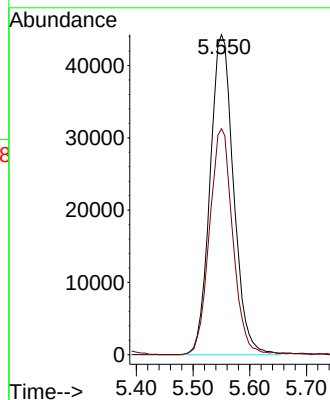
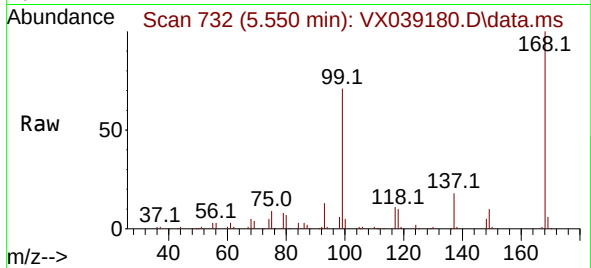
VSTDIC001

Tgt Ion:168 Resp: 12735
Ion Ratio Lower Upper
168 100
99 70.6 56.6 85.0

Manual Integrations

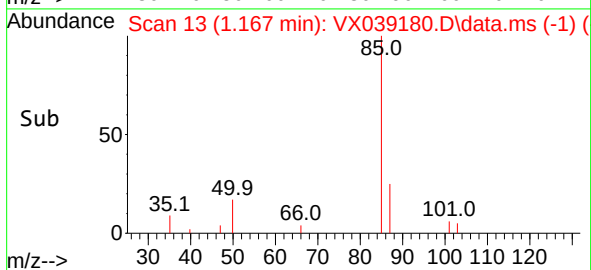
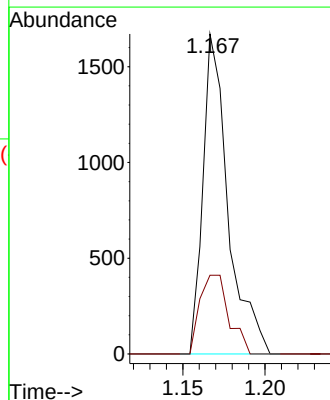
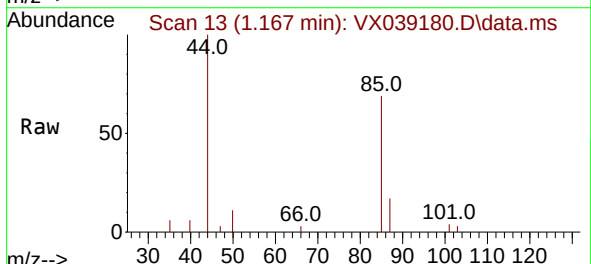
APPROVED

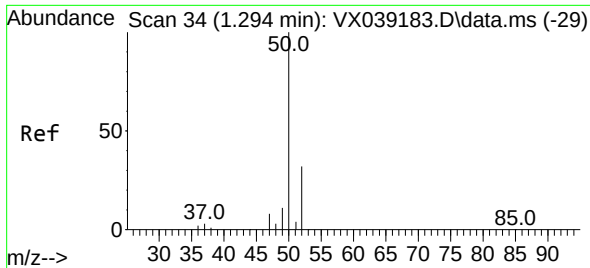
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#2
Dichlorodifluoromethane
Concen: 0.989 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

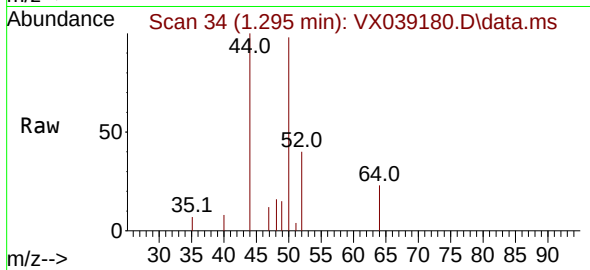
Tgt Ion: 85 Resp: 1770
Ion Ratio Lower Upper
85 100
87 24.6 16.7 50.1





#3
Chloromethane
Concen: 1.013 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

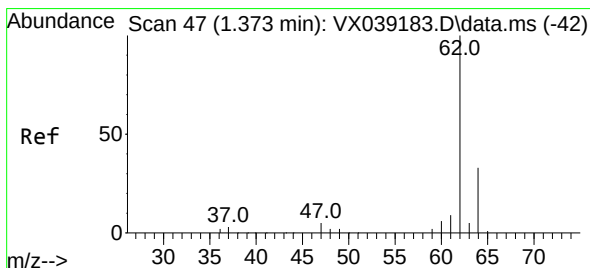
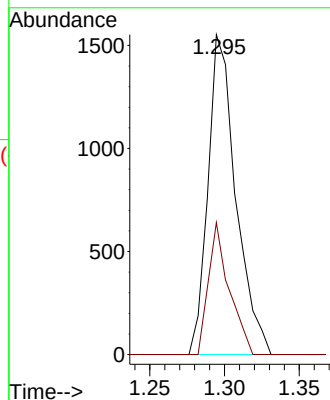
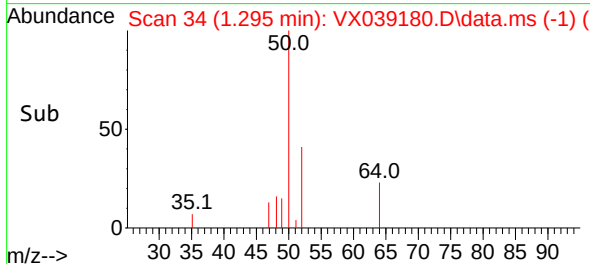
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 2010
Ion Ratio Lower Upper
50 100
52 41.3 25.5 38.3

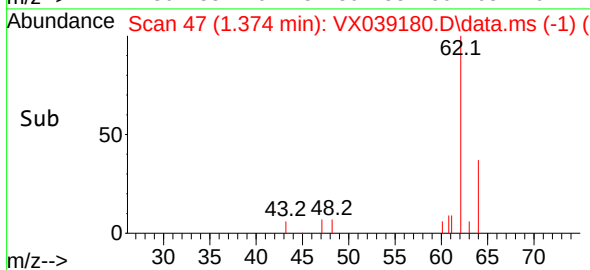
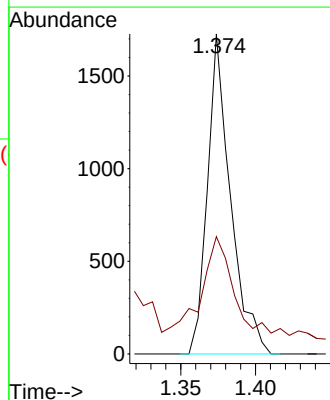
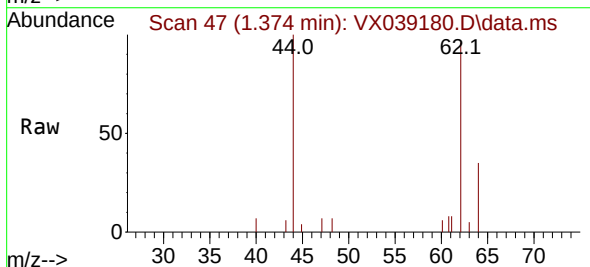
Manual Integrations
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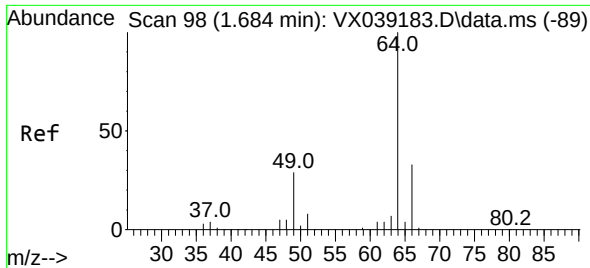
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#4
Vinyl Chloride
Concen: 1.002 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

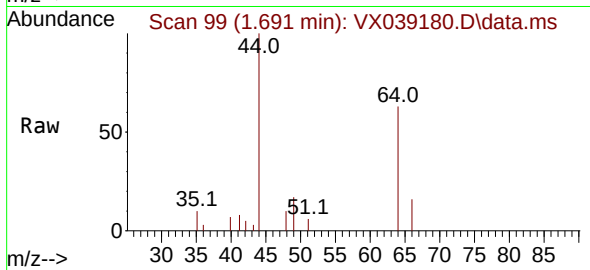
Tgt Ion: 62 Resp: 1849
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.0





#6
Chloroethane
Concen: 1.224 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

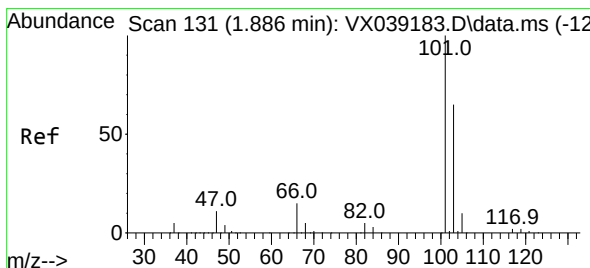
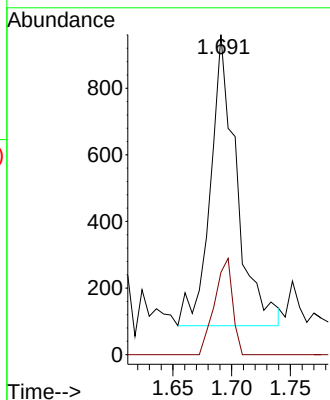
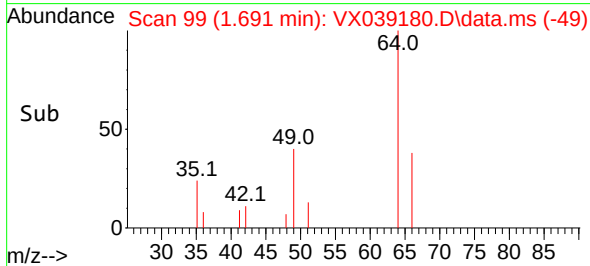
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC001



Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 28.3 25.1 37.7

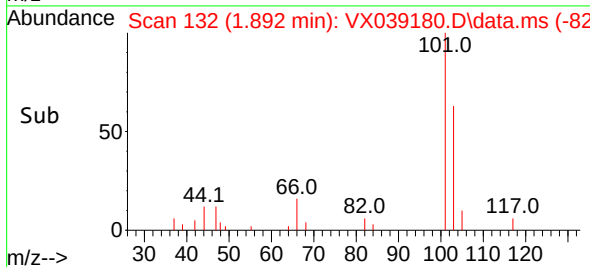
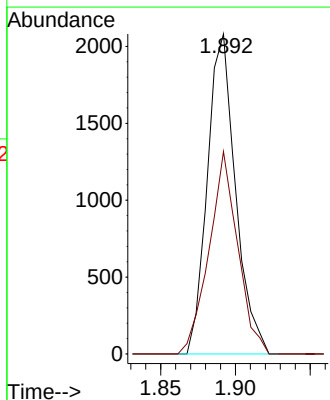
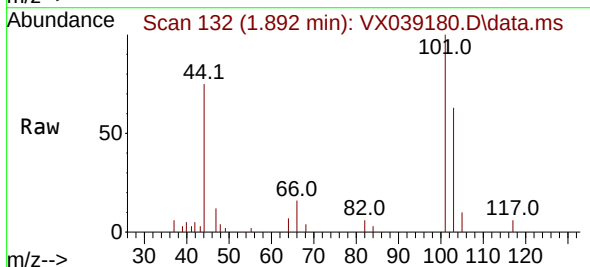
Manual Integrations
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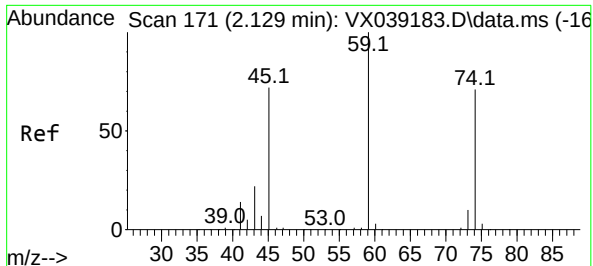
Reviewed By : John Carlone 12/14/2023
Supervised By : Mahesh Dadoda 12/14/2023



#7
Trichlorofluoromethane
Concen: 1.010 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

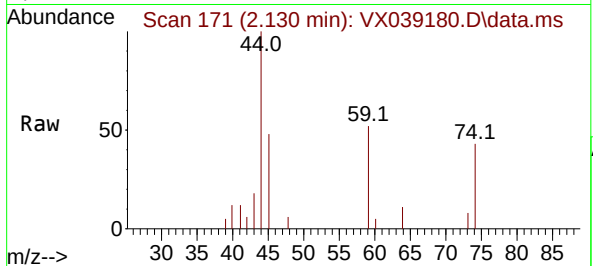
Tgt Ion: 101 Resp: 2728
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2





#8
Diethyl Ether
Concen: 0.977 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

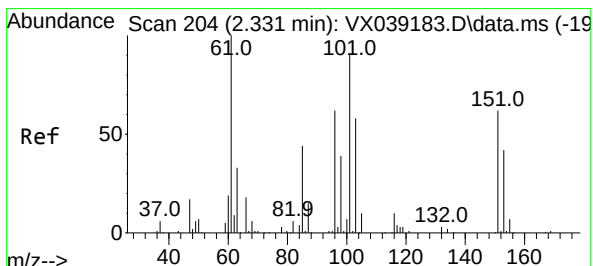
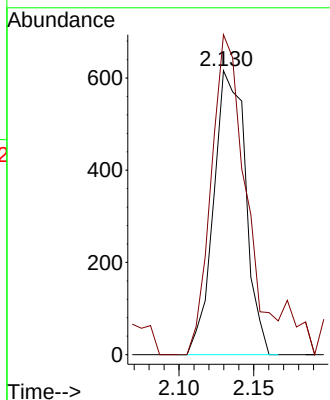
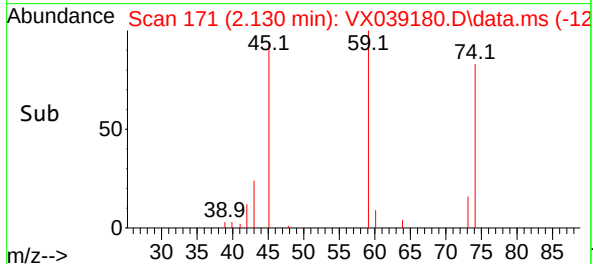
Instrument :
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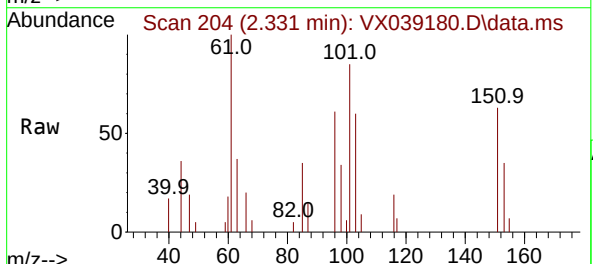
Tgt Ion: 74 Resp: 914
Ion Ratio Lower Upper
74 100
45 122.2 53.3 159.8

Manual Integrations
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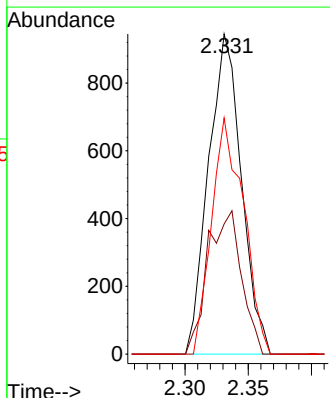
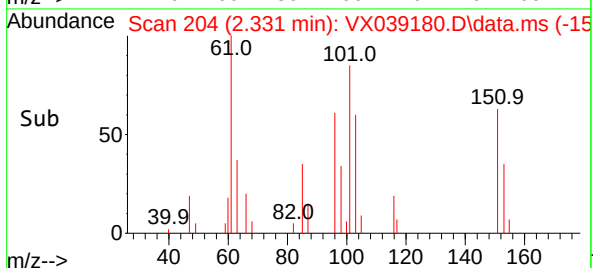
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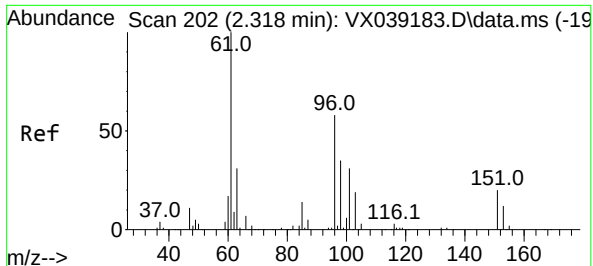


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.037 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



Tgt Ion:101 Resp: 1710
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 71.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.017 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

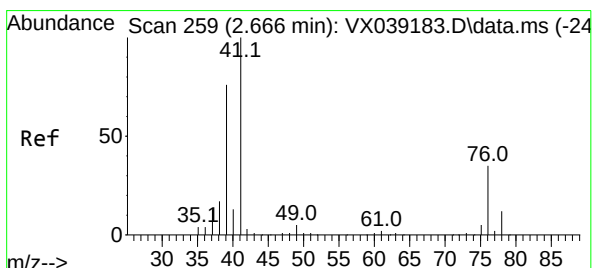
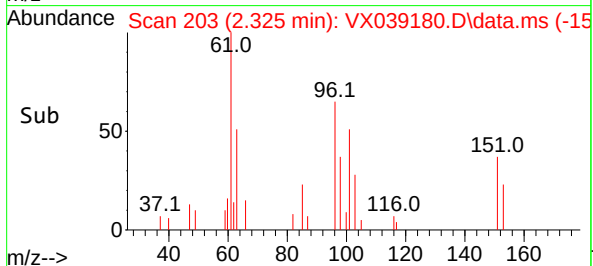
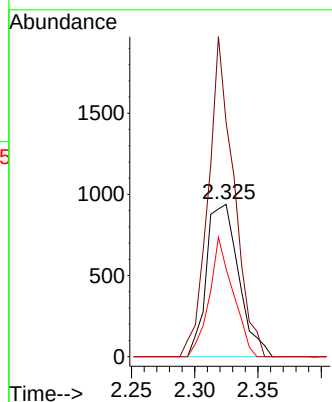
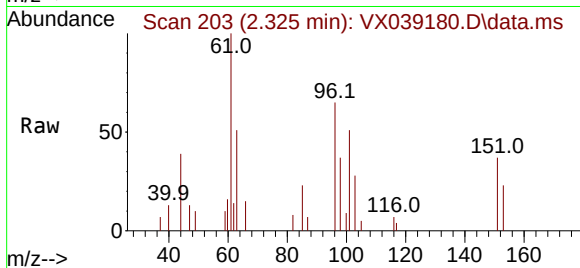
Tgt Ion:	96	Resp:	166
Ion	Ratio	Lower	Upper
96	100		
61	153.7	144.6	216.8
98	57.6	50.4	75.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/14/2023



#14

Allyl chloride

Concen: 1.012 ug/l

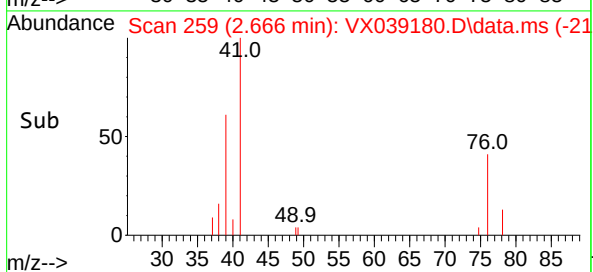
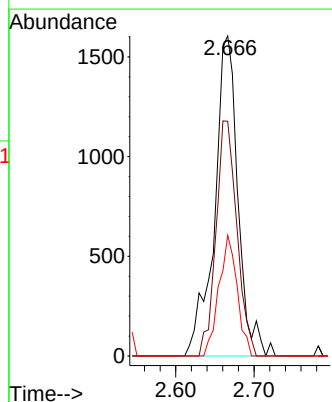
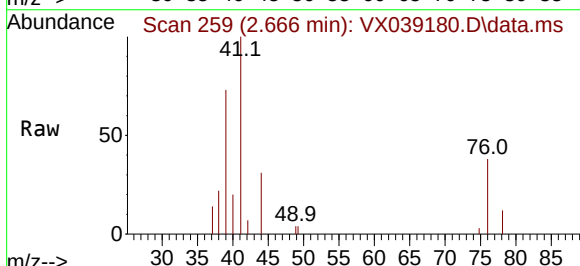
RT: 2.666 min Scan# 259

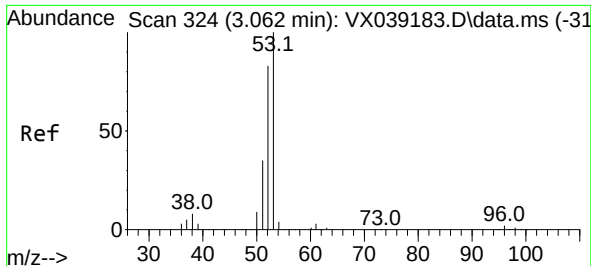
Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

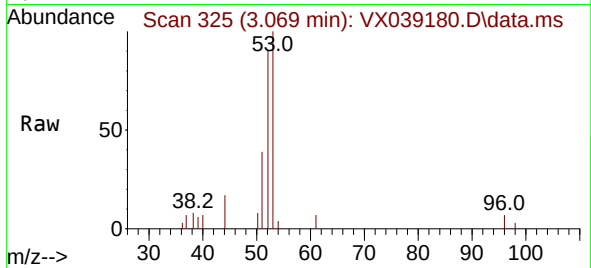
Tgt Ion:	41	Resp:	3358
Ion	Ratio	Lower	Upper
41	100		
39	65.1	55.8	83.6
76	29.2	24.3	36.5





#15
Acrylonitrile
Concen: 5.076 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

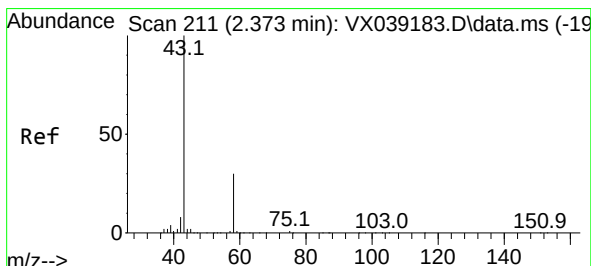
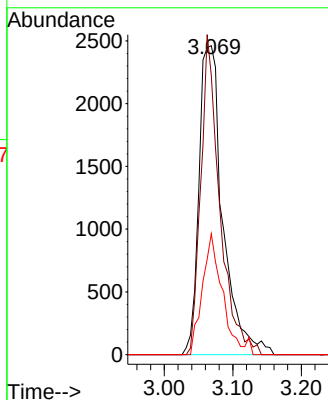
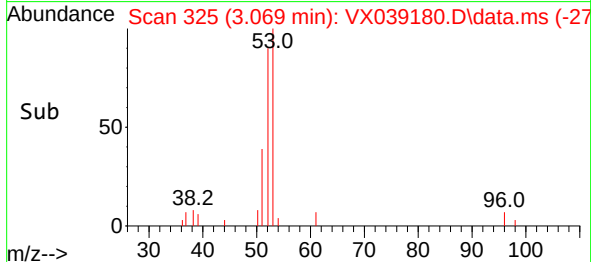
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 595
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 33.3 29.8 44.6

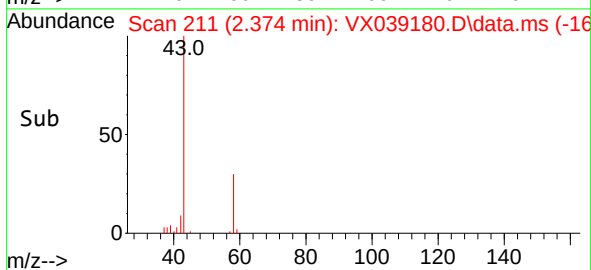
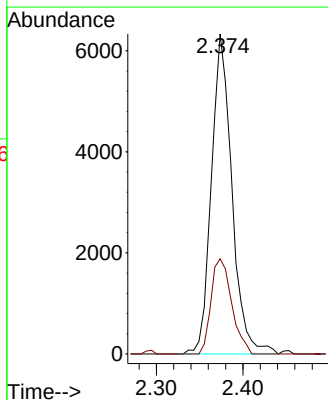
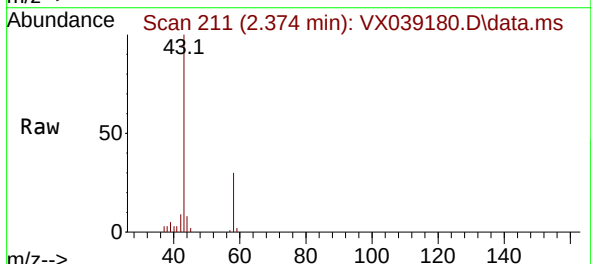
Manual Integrations
APPROVED

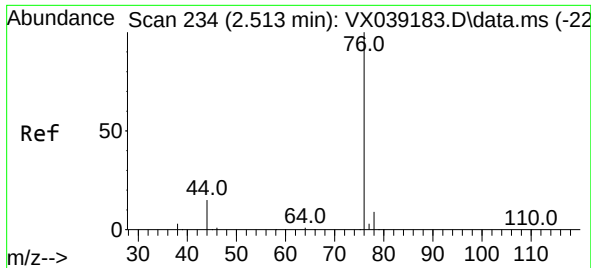
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 6.189 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 43 Resp: 10419
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9





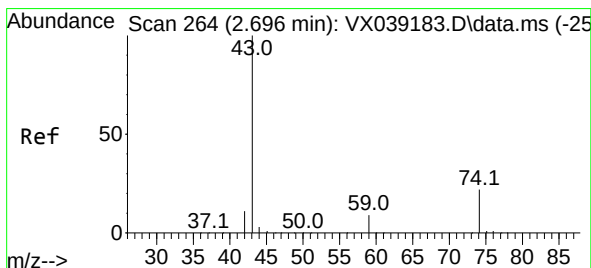
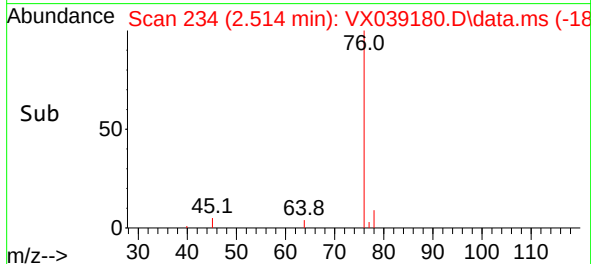
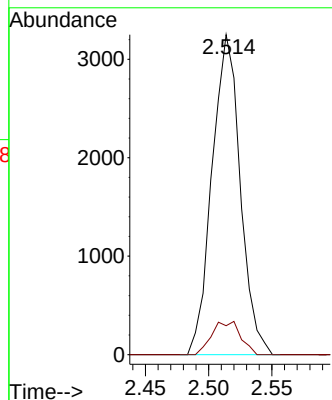
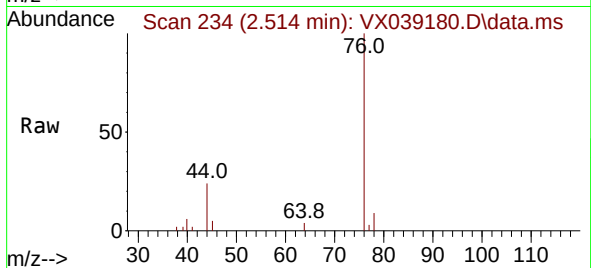
#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 504
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

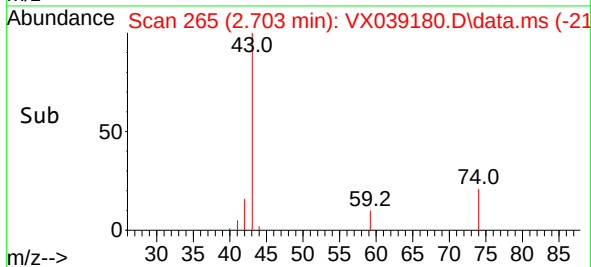
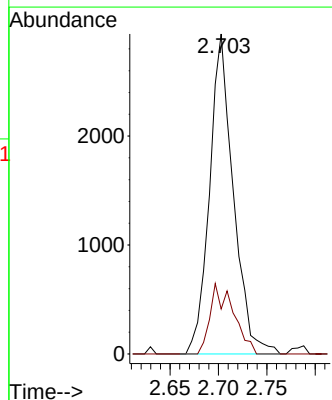
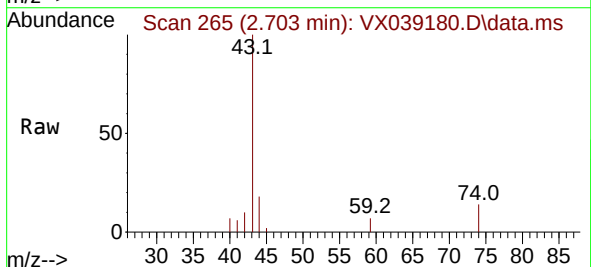
Manual Integrations
APPROVED

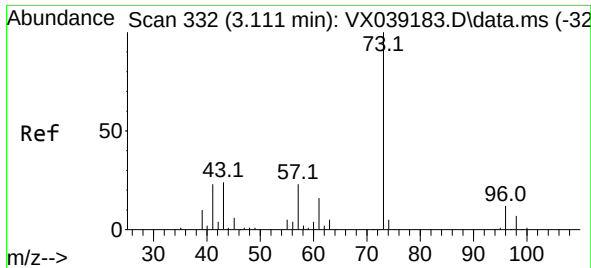
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 0.997 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 43 Resp: 5029
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8





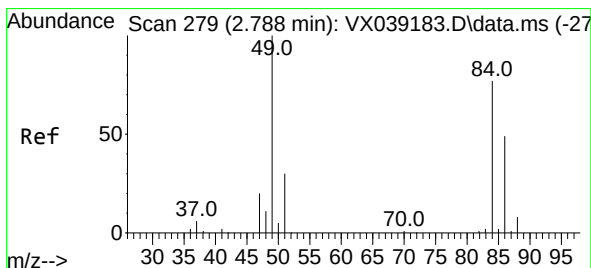
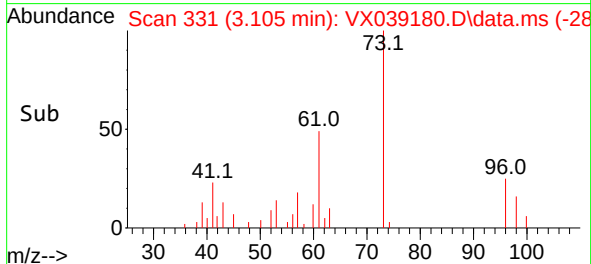
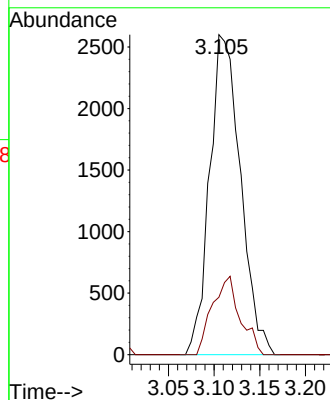
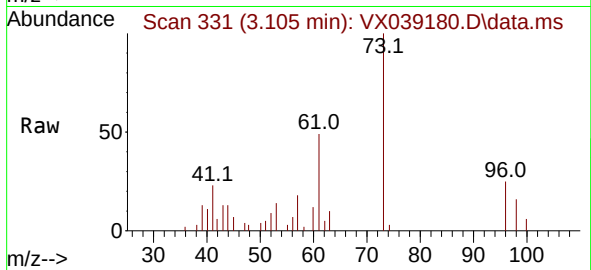
#19
Methyl tert-butyl Ether
Concen: 1.028 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 6092
Ion Ratio Lower Upper
73 100
57 18.0 17.3 25.9

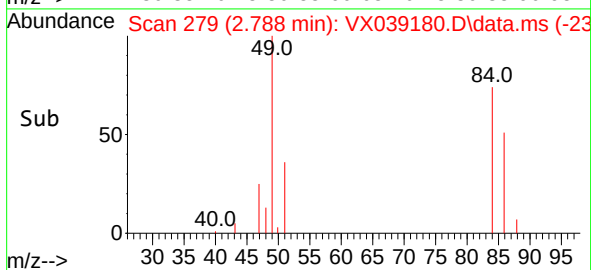
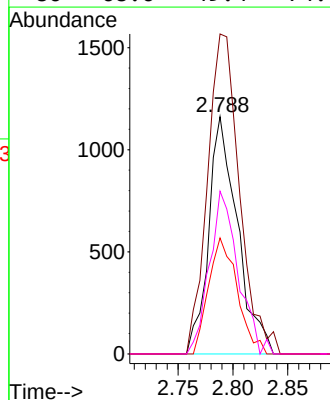
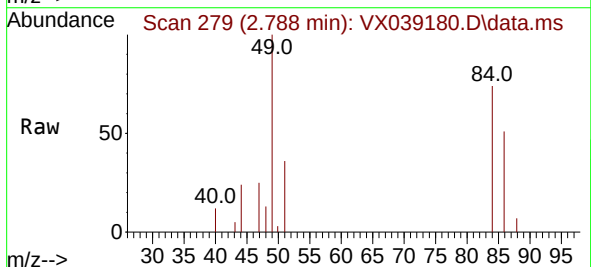
Manual Integrations
APPROVED

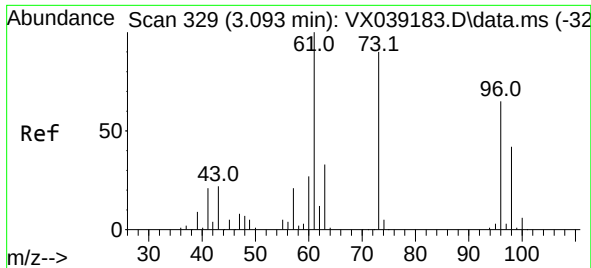
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 1.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

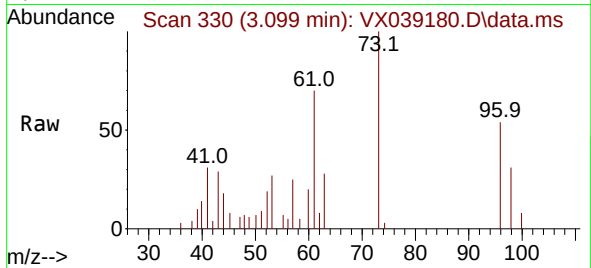
Tgt Ion: 84 Resp: 2123
Ion Ratio Lower Upper
84 100
49 134.9 103.6 155.4
51 48.9 33.8 50.6
86 68.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 1.049 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

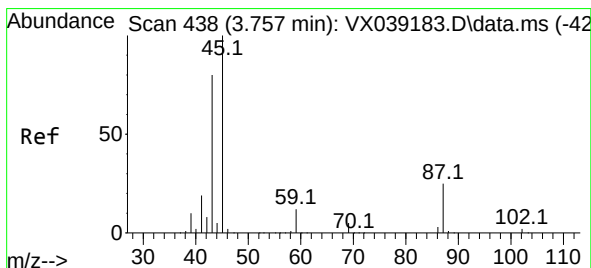
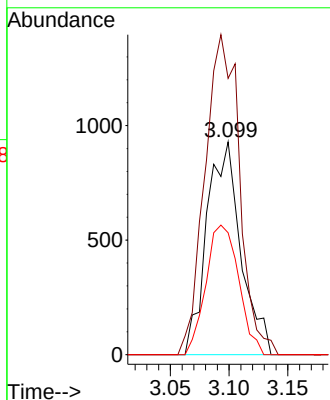
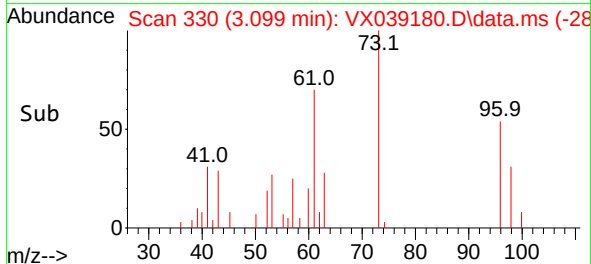
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



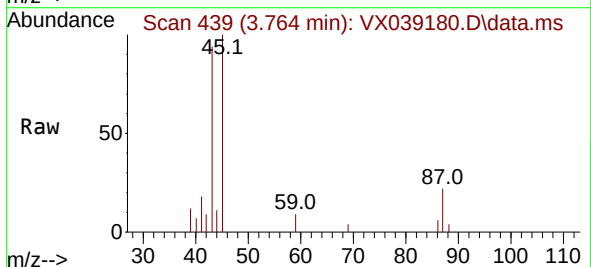
Tgt Ion: 96 Resp: 1870
Ion Ratio Lower Upper
96 100
61 129.8 119.2 178.8
98 57.3 48.7 73.1

Manual Integrations
APPROVED

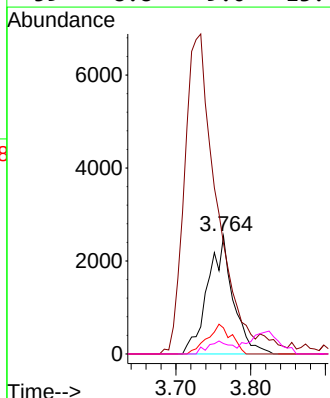
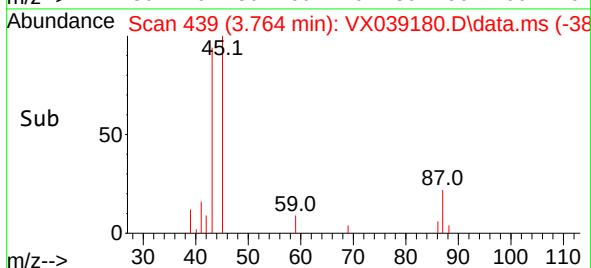
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

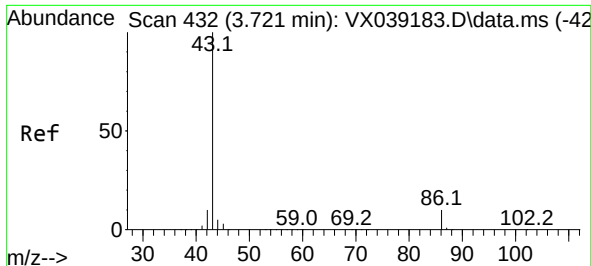


#22
Diisopropyl ether
Concen: 0.999 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



Tgt Ion: 45 Resp: 6031
Ion Ratio Lower Upper
45 100
43 86.2 69.7 104.5
87 22.1 20.8 31.2
59 8.8 9.0 13.4





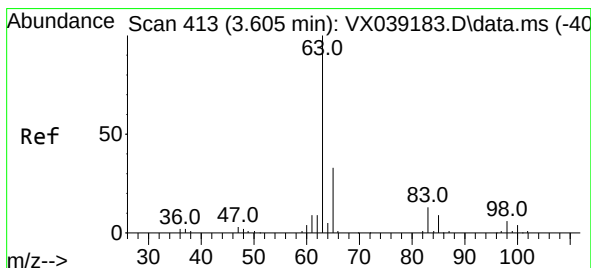
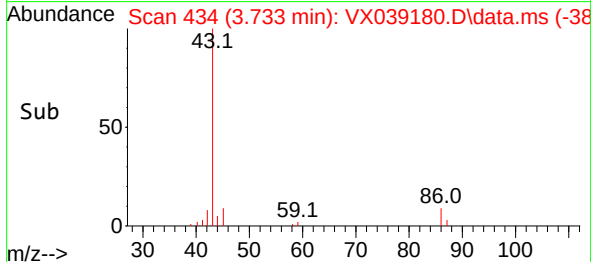
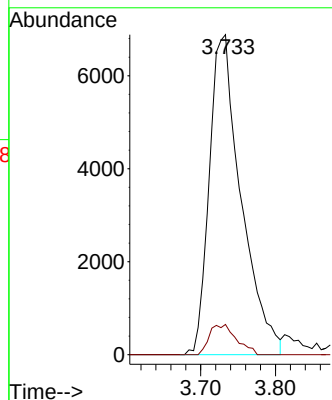
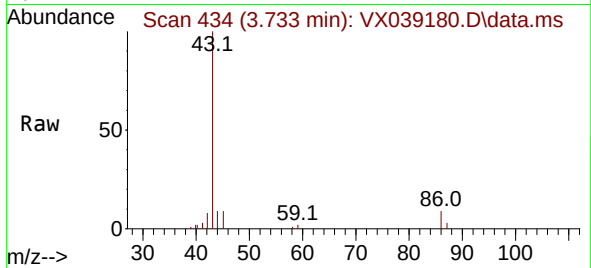
#23
 Vinyl Acetate
 Concen: 4.520 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 2032
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

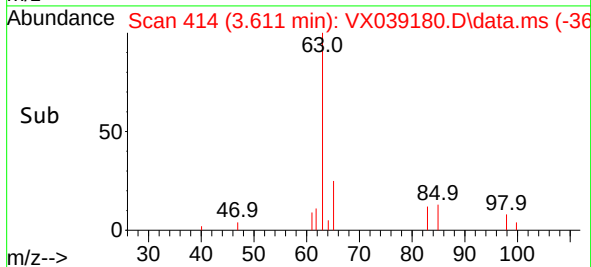
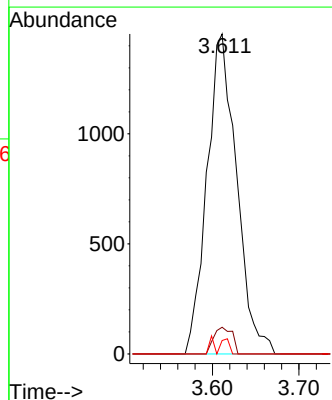
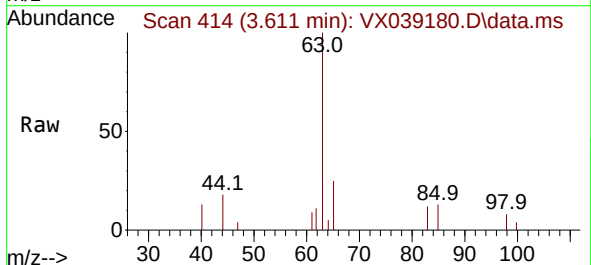
Manual Integrations
 APPROVED

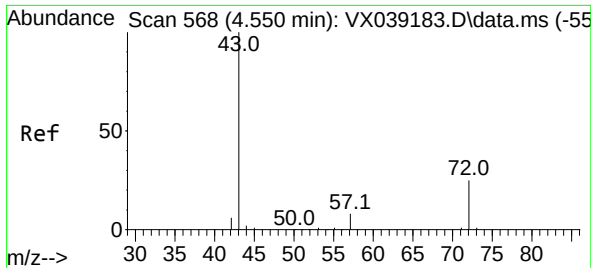
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 1.012 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

Tgt Ion: 63 Resp: 3455
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.3 9.8
 100 4.2 2.1 6.5





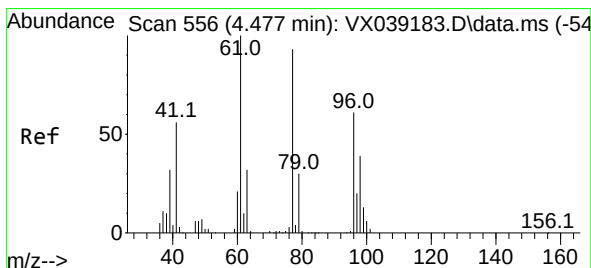
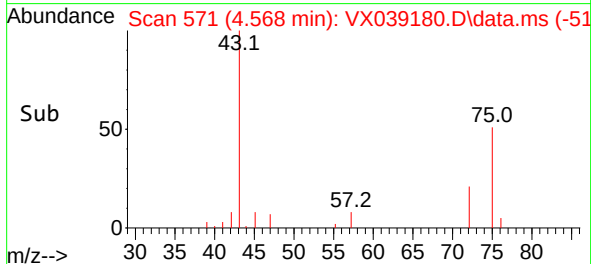
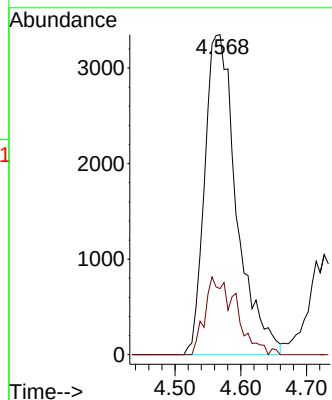
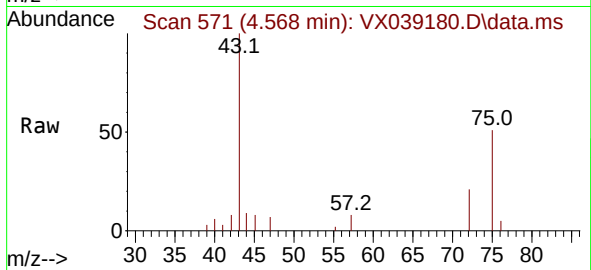
#25
2-Butanone
Concen: 5.608 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
72 20.7 19.4 29.2

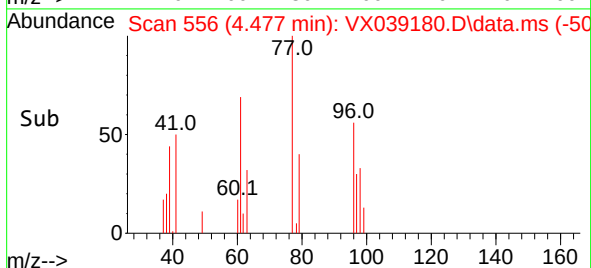
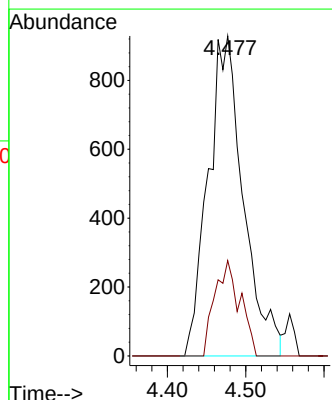
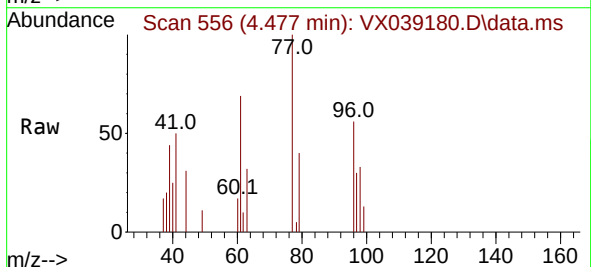
Manual Integrations
APPROVED

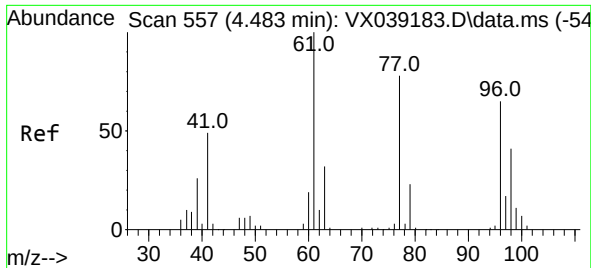
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 0.976 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

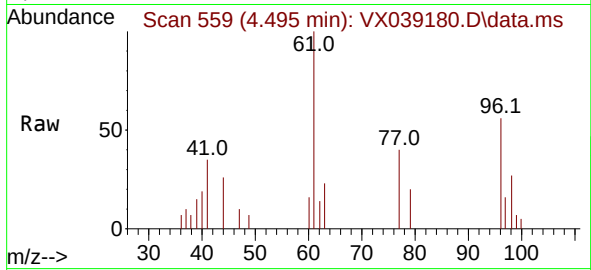
Tgt Ion: 77 Resp: 2908
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 0.875 ug/l m
RT: 4.495 min Scan# 511
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

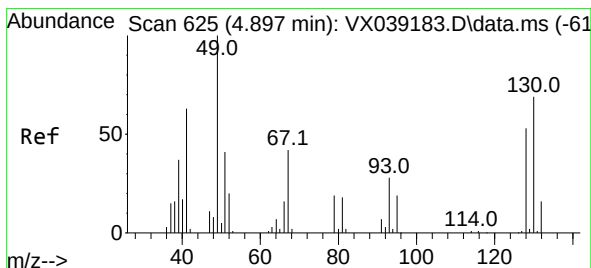
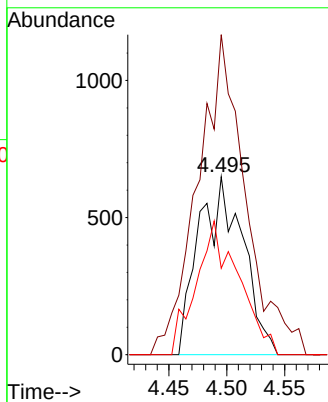
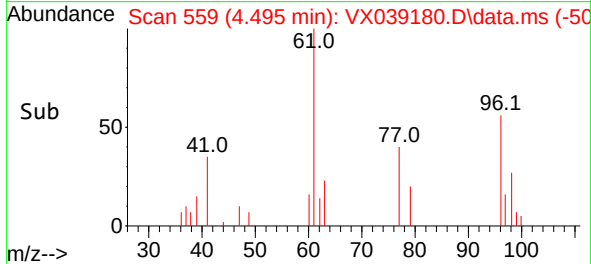
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 172
Ion Ratio Lower Upper
96 100
61 194.4 0.0 312.2
98 72.5 0.0 129.0

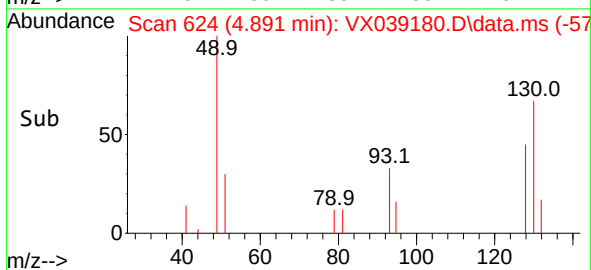
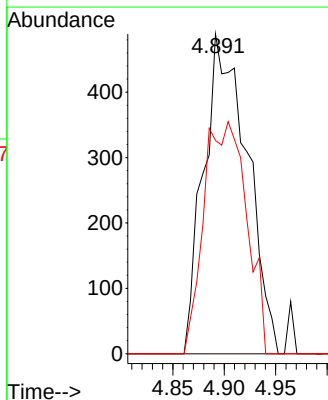
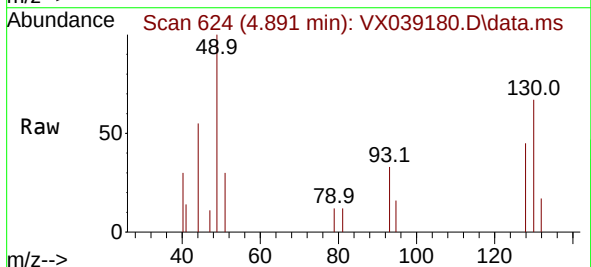
Manual Integrations
APPROVED

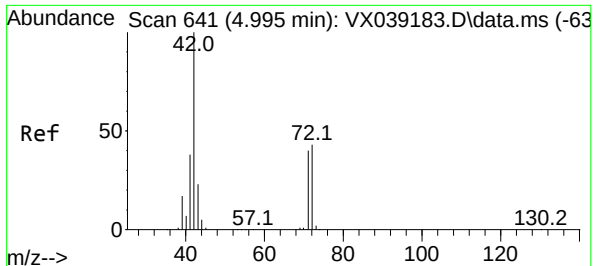
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#28
Bromochloromethane
Concen: 0.858 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 49 Resp: 1430
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 72.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 4.969 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.019 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 42 Resp: 552

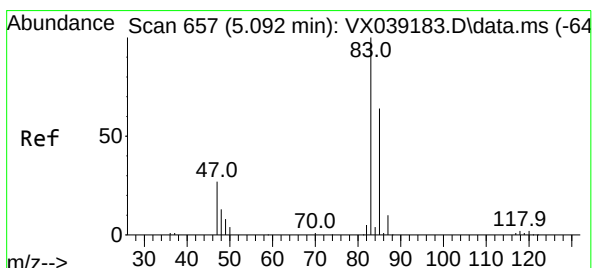
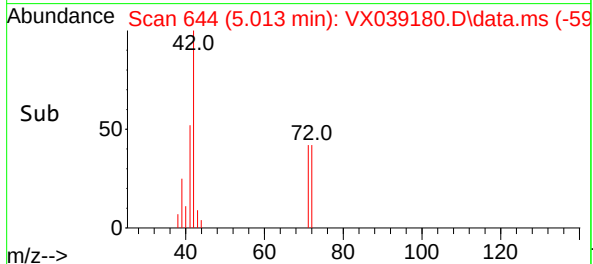
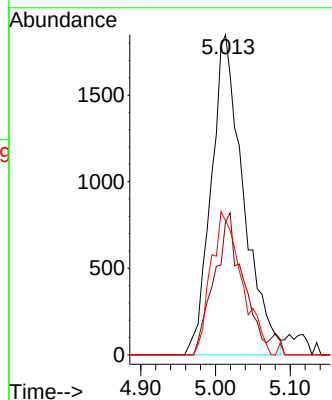
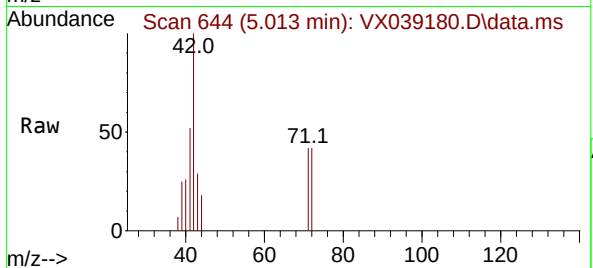
Ion	Ratio	Lower	Upper
42	100		
72	39.7	34.2	51.4
71	43.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 1.010 ug/l

RT: 5.087 min Scan# 656

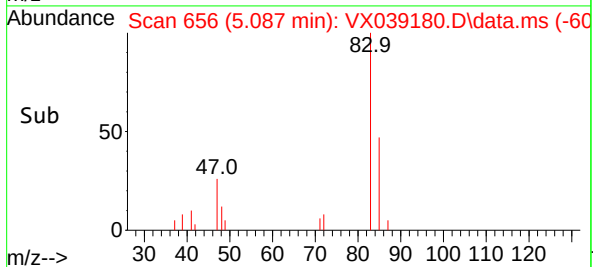
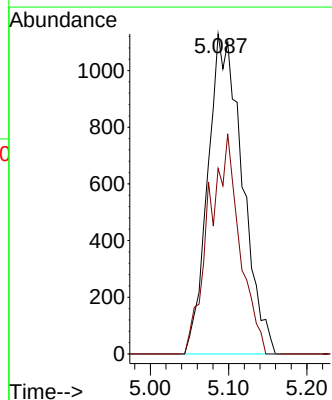
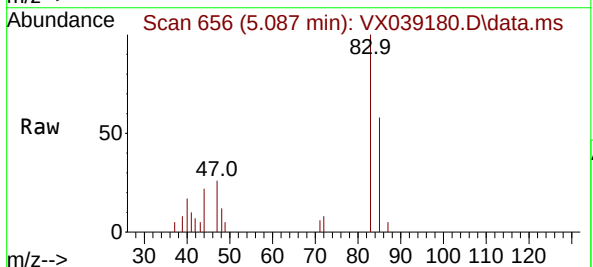
Delta R.T. -0.006 min

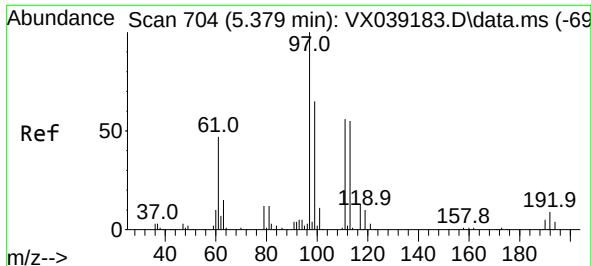
Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion: 83 Resp: 3447

Ion	Ratio	Lower	Upper
83	100		
85	57.9	50.3	75.5





#32

1,1,1-Trichloroethane

Concen: 0.950 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.013 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 281

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7

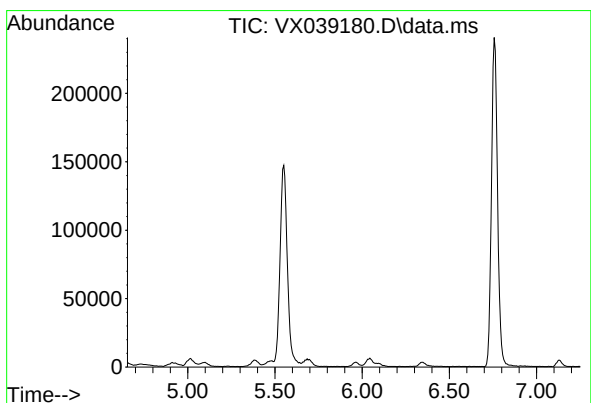
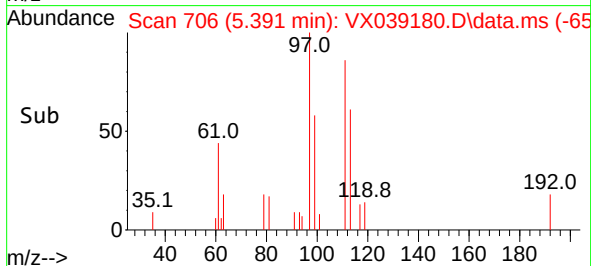
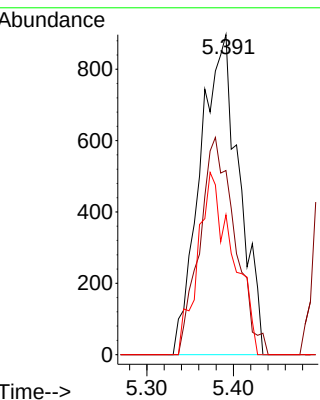
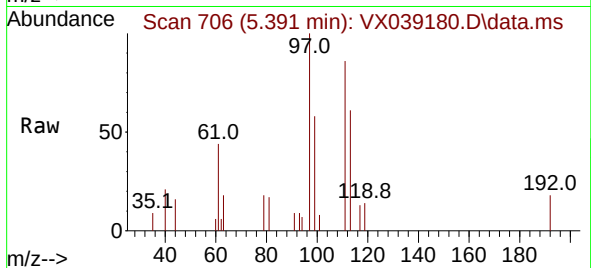
61 50.7 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.95 min

Lab File: VX039180.D

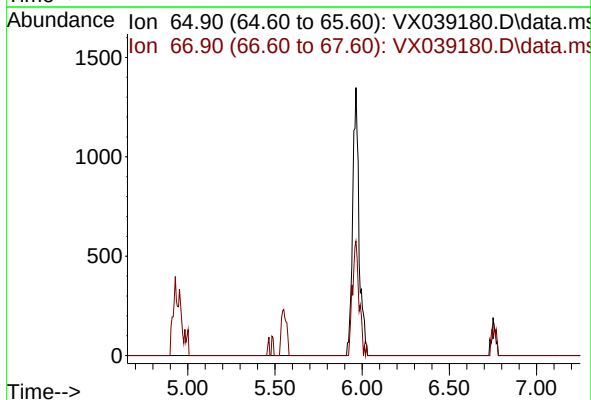
Acq: 13 Dec 2023 10:12

Tgt Ion: 65

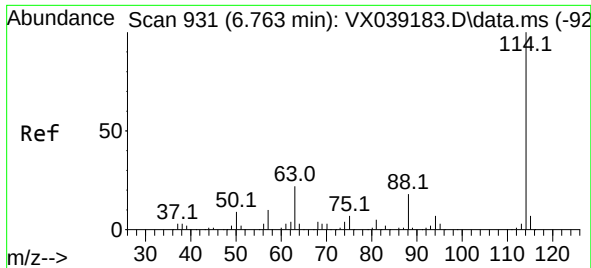
Sig Exp Ratio

65 100

67 50.1



Ion 66.90 (66.60 to 67.60): VX039180.D\data.ms



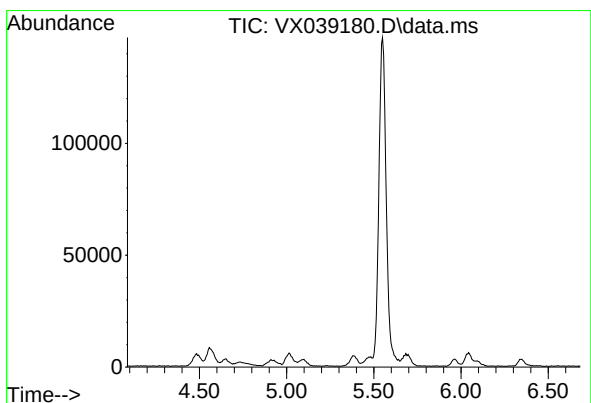
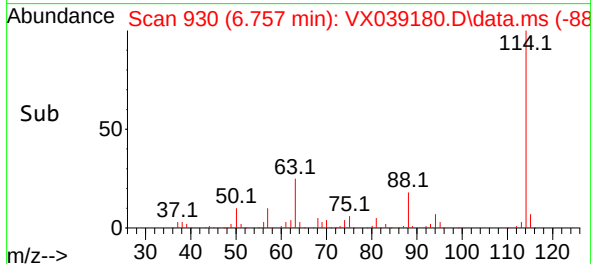
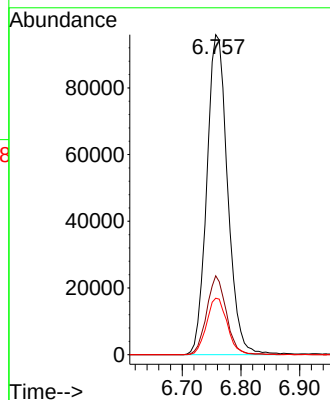
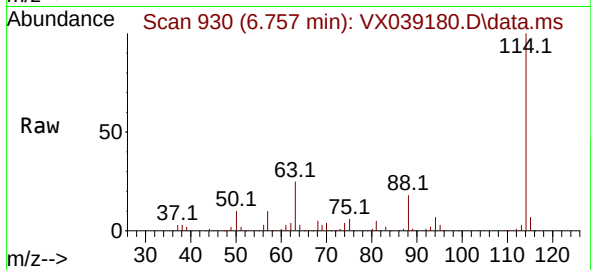
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:114 Resp: 235869
Ion Ratio Lower Upper
114 100
63 24.6 0.0 45.0
88 17.6 0.0 36.6

Manual Integrations
APPROVED

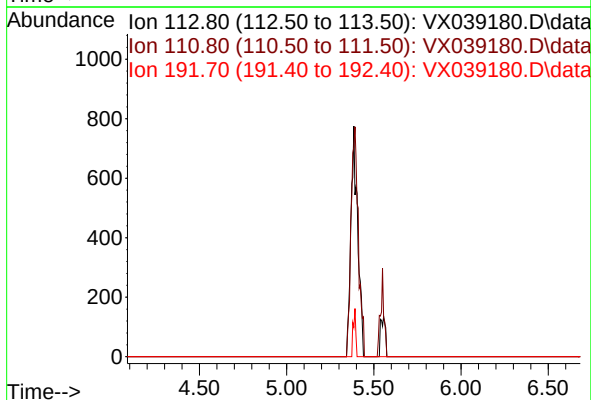
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

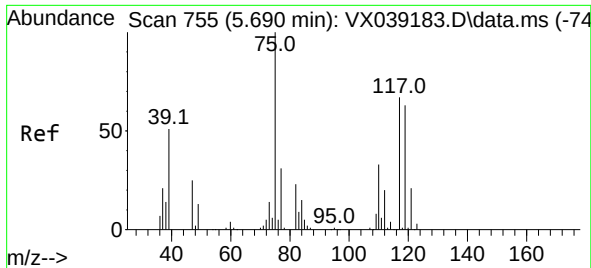


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

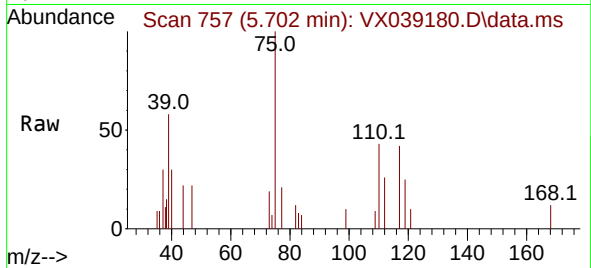
Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.6
192 16.6





#36
1,1-Dichloropropene
Concen: 0.993 ug/l
RT: 5.702 min Scan# 755
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

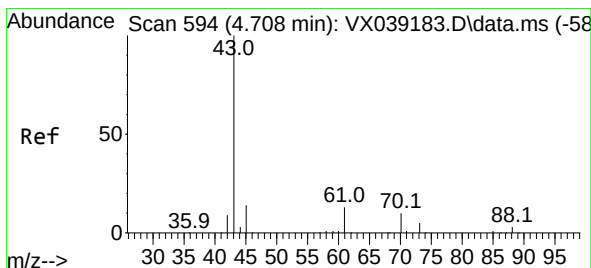
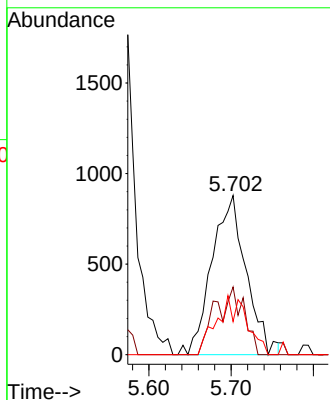
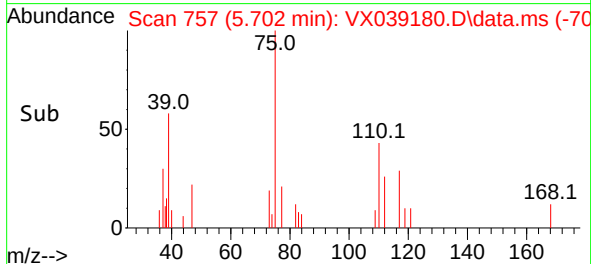
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



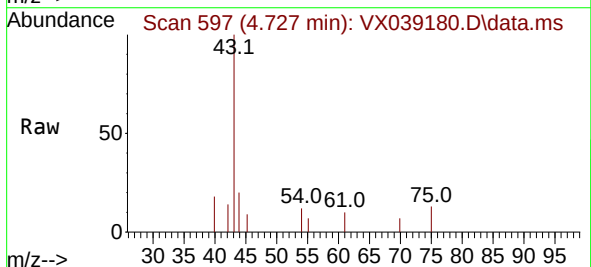
Tgt Ion: 75 Resp: 2554
Ion Ratio Lower Upper
75 100
110 20.9 17.0 50.9
77 18.2 24.7 37.1

Manual Integrations
APPROVED

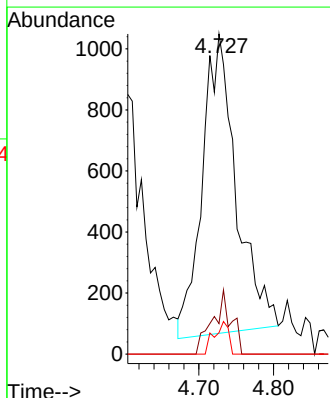
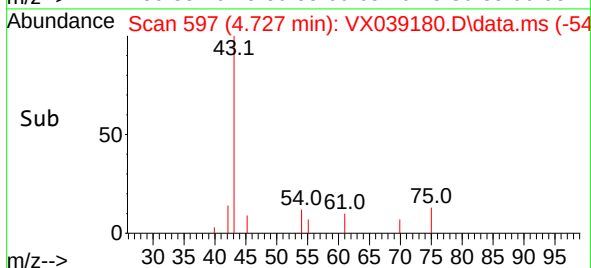
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

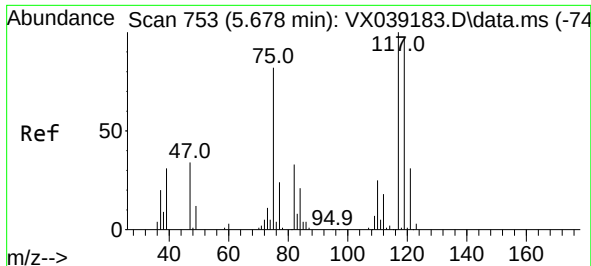


#37
Ethyl Acetate
Concen: 0.971 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.019 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



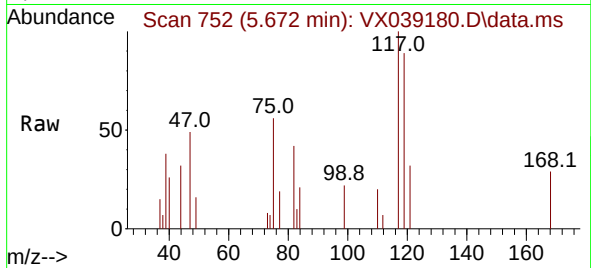
Tgt Ion: 43 Resp: 3086
Ion Ratio Lower Upper
43 100
61 11.8 10.6 16.0
70 4.6 8.3 12.5





#38
Carbon Tetrachloride
Concen: 0.952 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

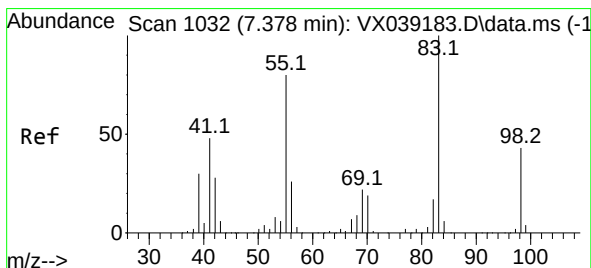
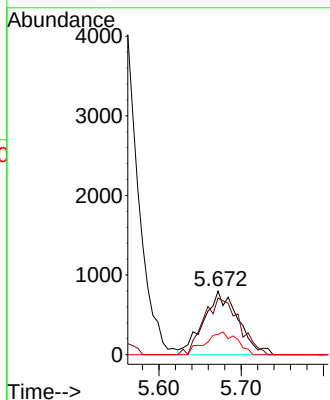
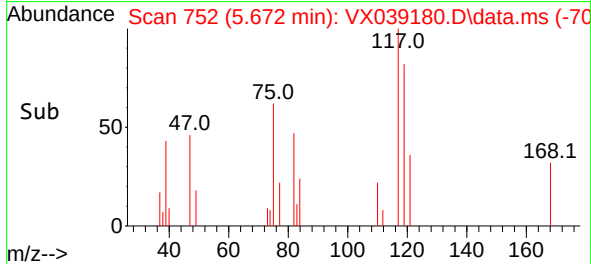
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 2330
Ion Ratio Lower Upper
117 100
119 89.2 78.2 117.2
121 31.8 24.4 36.6

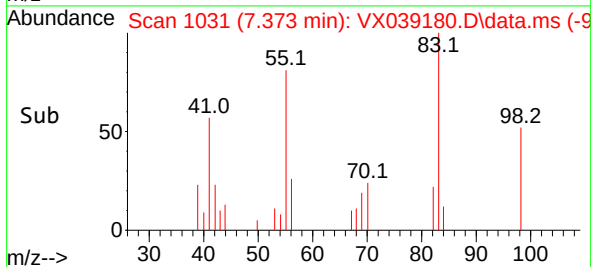
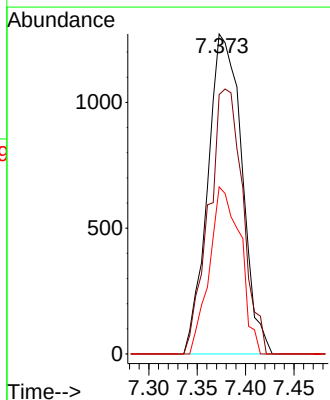
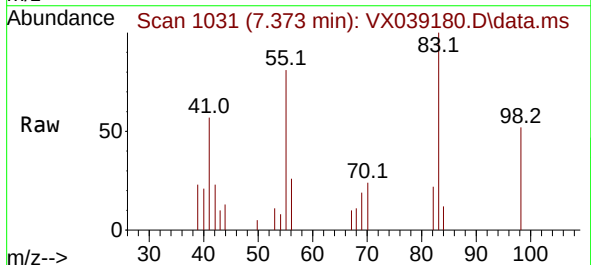
Manual Integrations
APPROVED

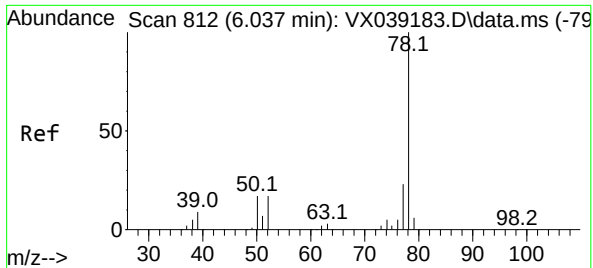
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#39
Methylcyclohexane
Concen: 1.009 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 83 Resp: 3117
Ion Ratio Lower Upper
83 100
55 81.1 64.6 97.0
98 52.2 36.7 55.1





#40

Benzene

Concen: 0.970 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 7059

Ion Ratio Lower Upper

78 100

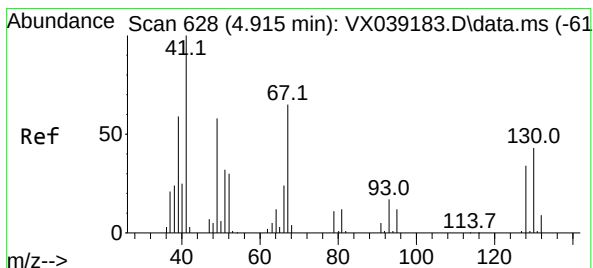
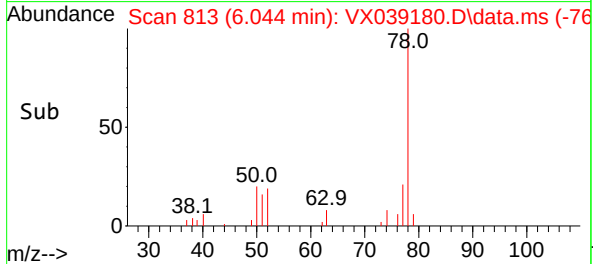
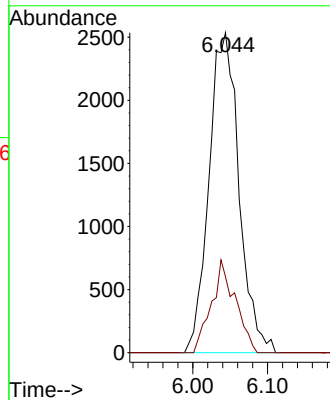
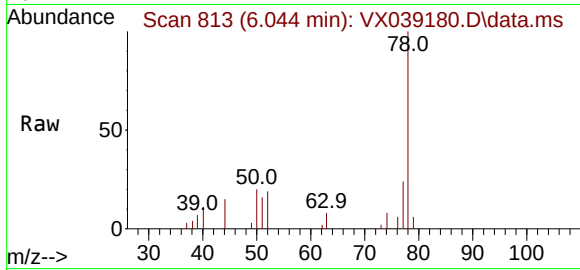
77 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#41

Methacrylonitrile

Concen: 0.950 ug/l

RT: 4.928 min Scan# 630

Delta R.T. 0.013 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion: 41 Resp: 1610

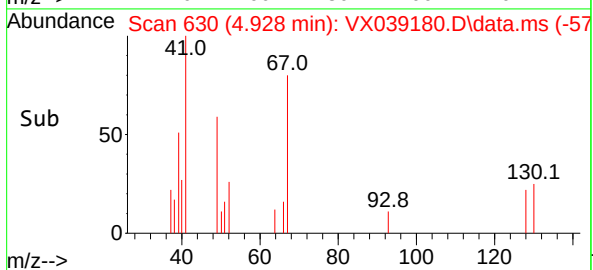
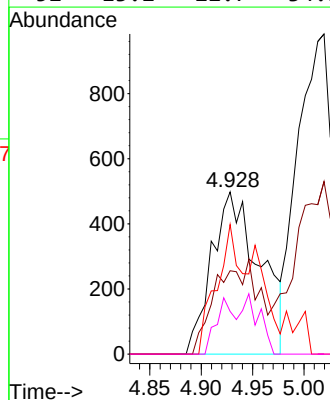
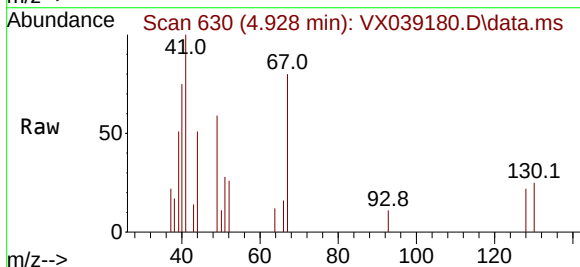
Ion Ratio Lower Upper

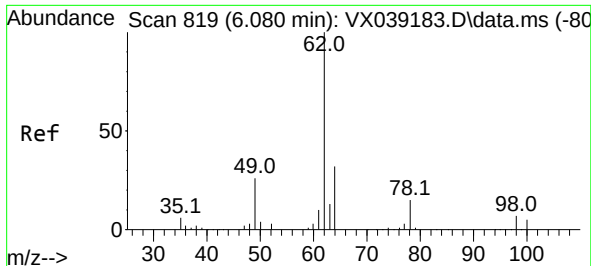
41 100

39 0.0 45.2 67.8#

67 44.7 52.6 78.8#

52 13.2 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.960 ug/l

RT: 6.092 min Scan# 819

Delta R.T. 0.013 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 282

Ion Ratio Lower Upper

62 100

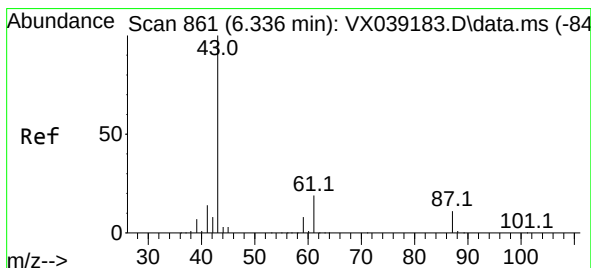
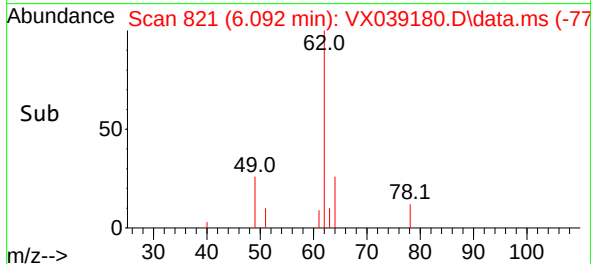
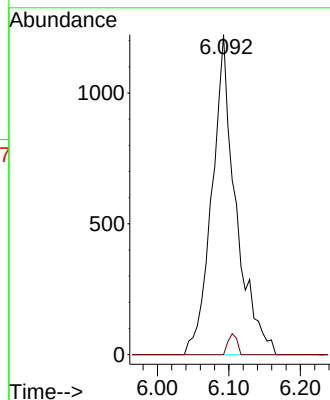
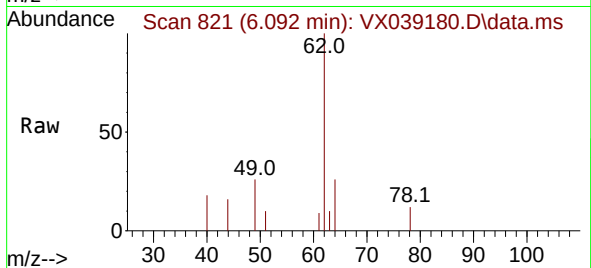
98 2.5 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#43

Isopropyl Acetate

Concen: 0.942 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

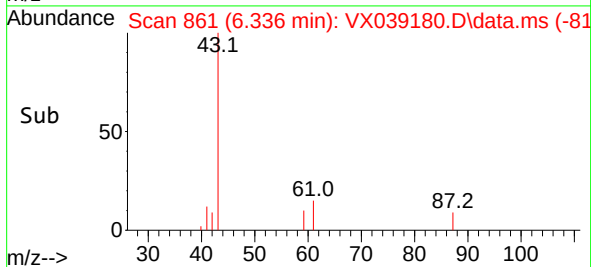
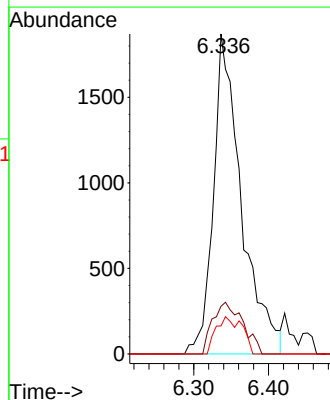
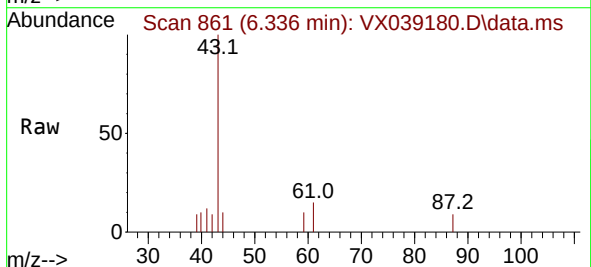
Tgt Ion: 43 Resp: 4865

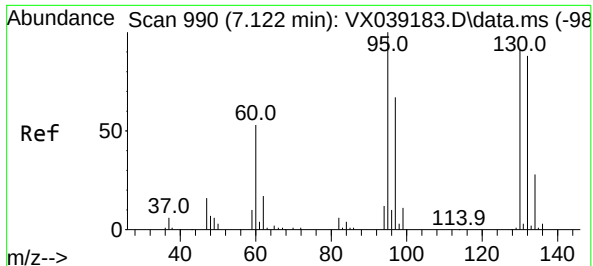
Ion Ratio Lower Upper

43 100

61 17.4 15.2 22.8

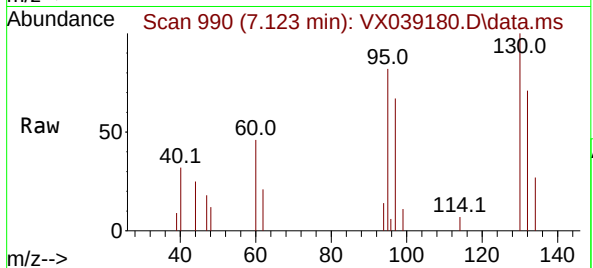
87 10.8 9.8 14.6





#44
Trichloroethene
Concen: 1.049 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

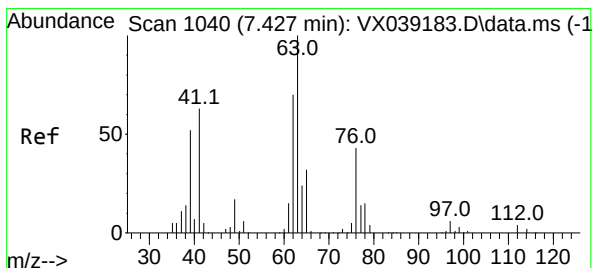
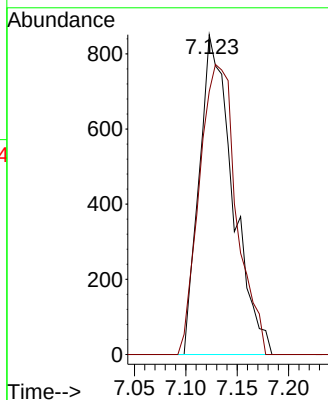
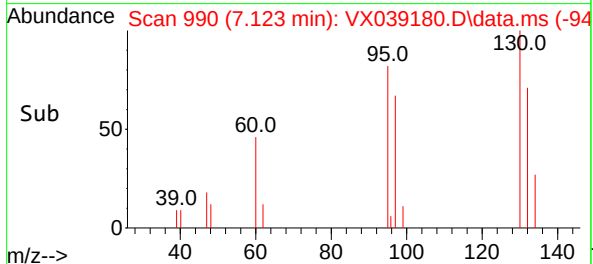
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



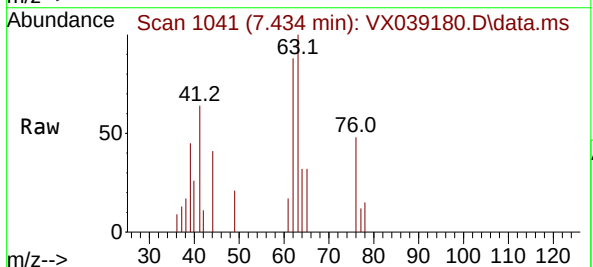
Tgt Ion:130 Resp: 1920
Ion Ratio Lower Upper
130 100
95 82.3 0.0 204.4

Manual Integrations
APPROVED

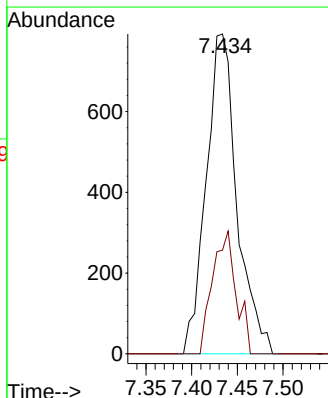
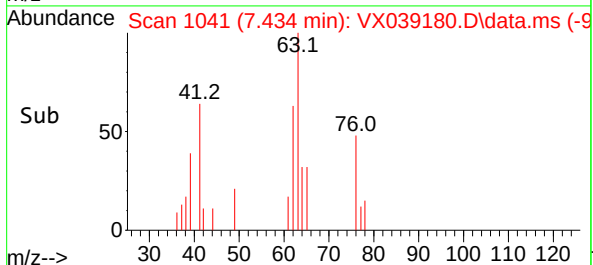
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

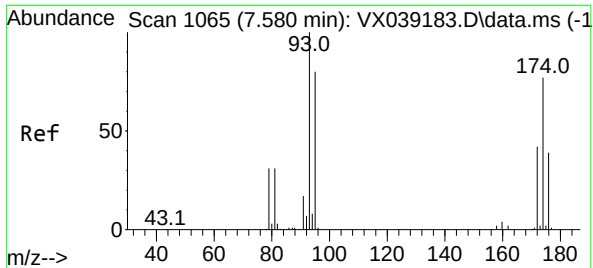


#45
1,2-Dichloropropane
Concen: 0.950 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



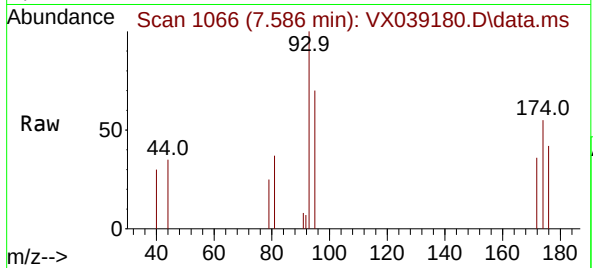
Tgt Ion: 63 Resp: 1854
Ion Ratio Lower Upper
63 100
65 32.4 24.3 36.5





#46
Dibromomethane
Concen: 1.008 ug/l
RT: 7.586 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

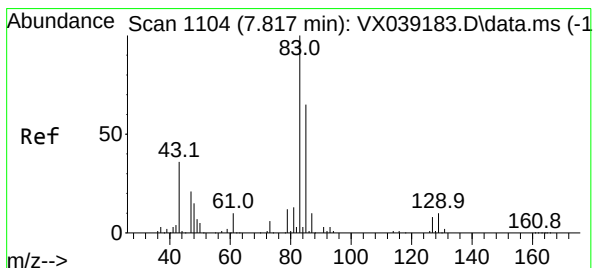
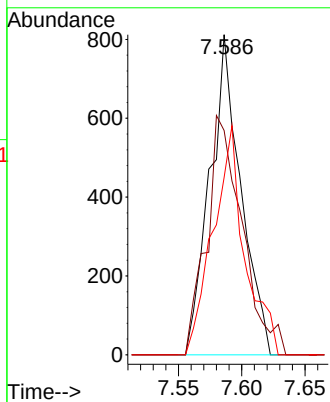
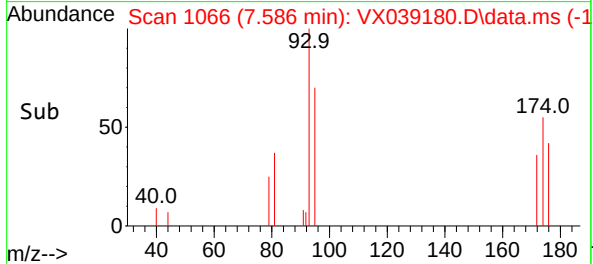
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



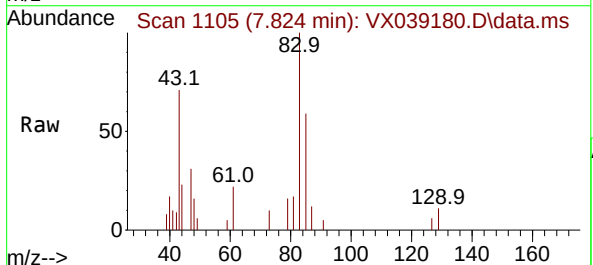
Tgt Ion: 93 Resp: 138
Ion Ratio Lower Upper
93 100
95 86.0 66.6 100.0
174 73.1 69.4 104.0

Manual Integrations
APPROVED

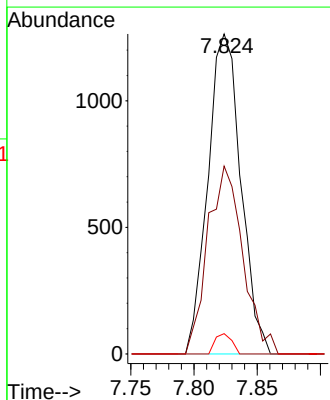
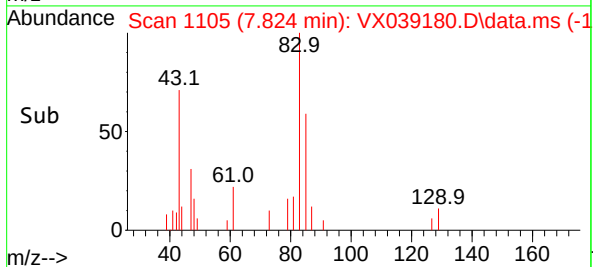
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

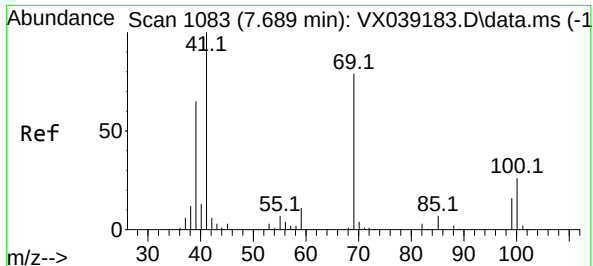


#47
Bromodichloromethane
Concen: 0.872 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



Tgt Ion: 83 Resp: 2289
Ion Ratio Lower Upper
83 100
85 58.7 49.8 74.6
127 6.3 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.866 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.013 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 261

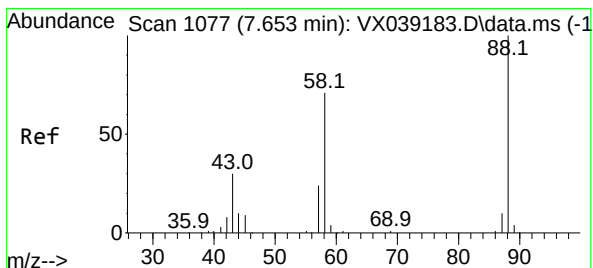
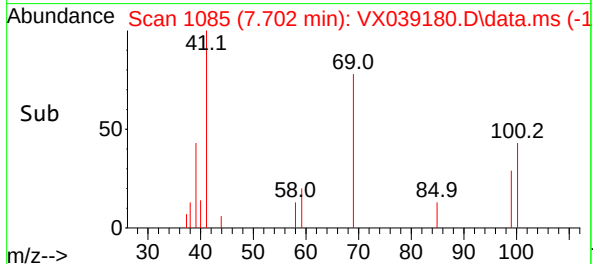
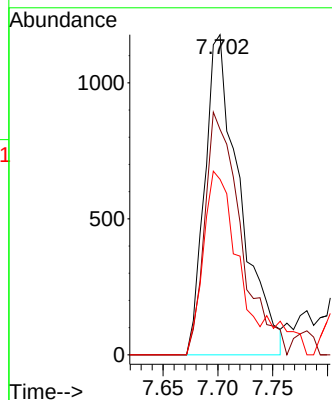
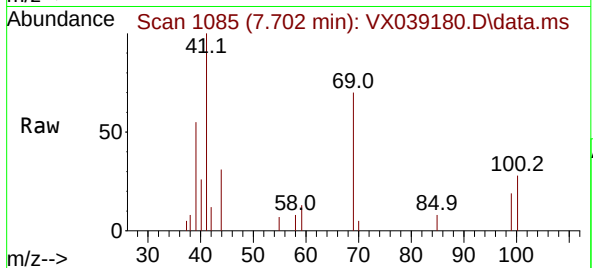
Ion	Ratio	Lower	Upper
41	100		
69	77.6	59.2	88.8
39	54.9	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#49

1,4-Dioxane

Concen: 17.440 ug/l

RT: 7.671 min Scan# 1080

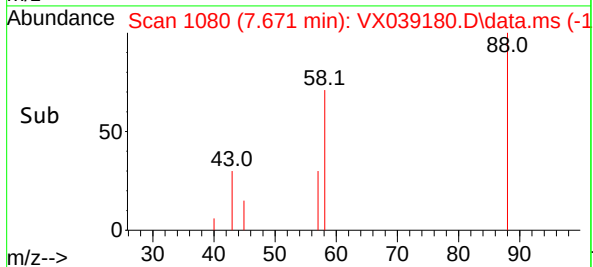
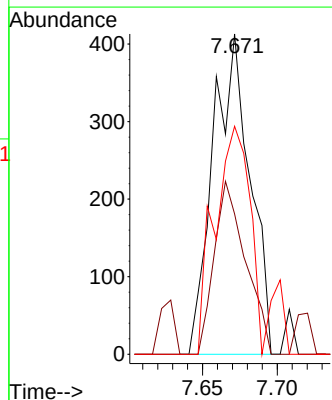
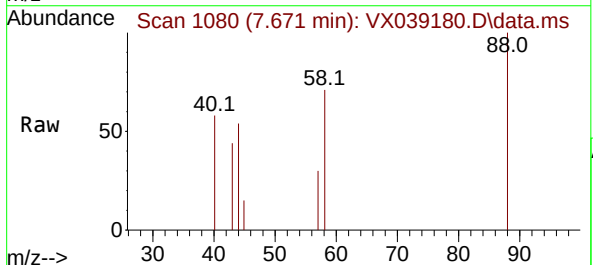
Delta R.T. 0.019 min

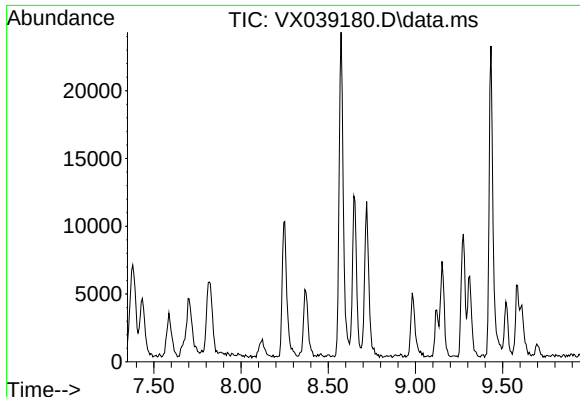
Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion: 88 Resp: 710

Ion	Ratio	Lower	Upper
88	100		
43	45.9	0.0	0.0#
58	76.2	60.1	90.1





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

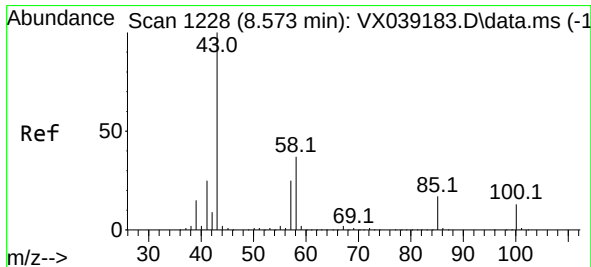
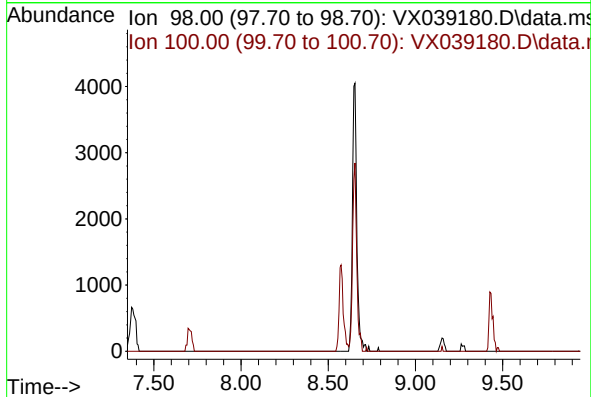
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.4

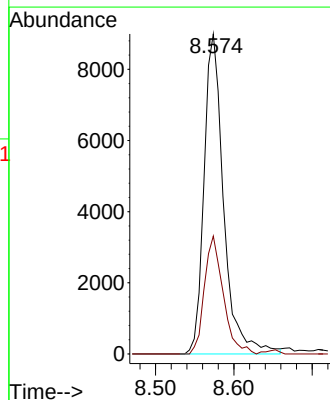
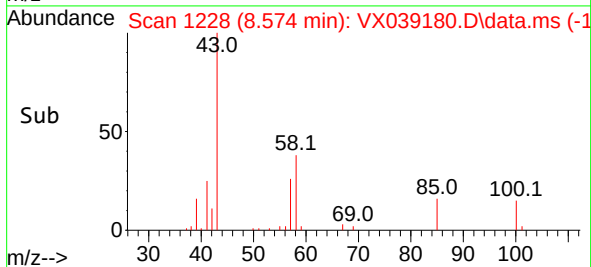
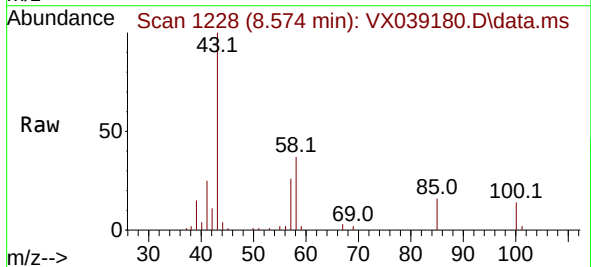
Manual Integrations APPROVED

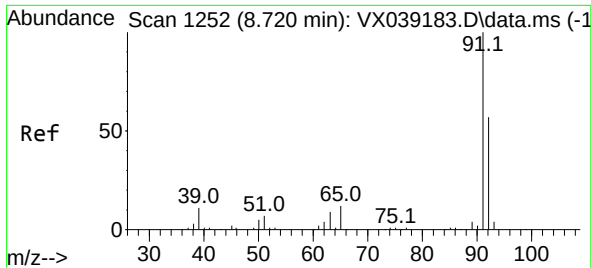
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#51
4-Methyl-2-Pentanone
Concen: 4.746 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

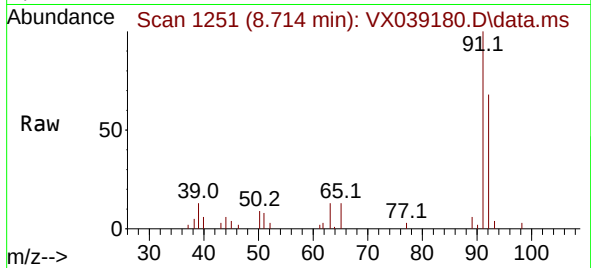
Tgt Ion: 43 Resp: 15622
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6





#52
Toluene
Concen: 0.975 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

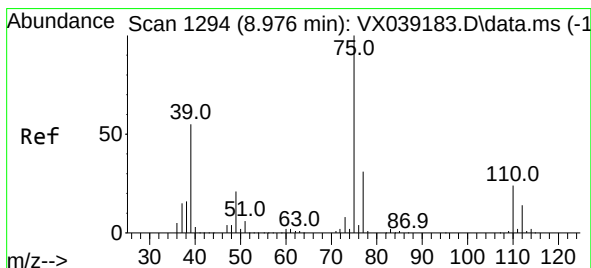
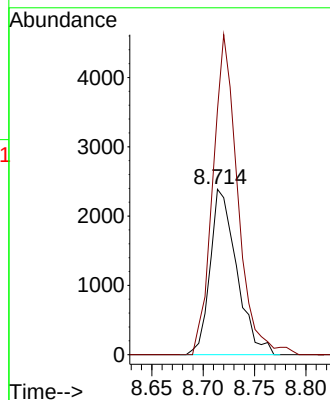
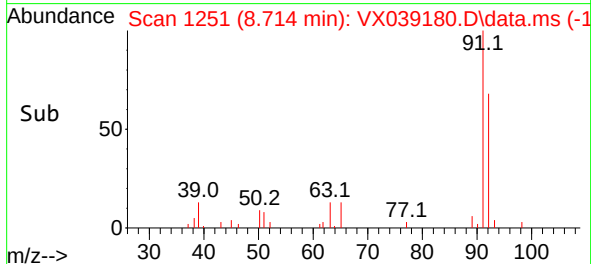
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



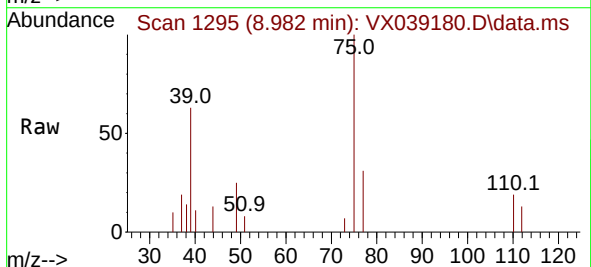
Tgt Ion: 92 Resp: 428
Ion Ratio Lower Upper
92 100
91 182.6 134.2 201.2

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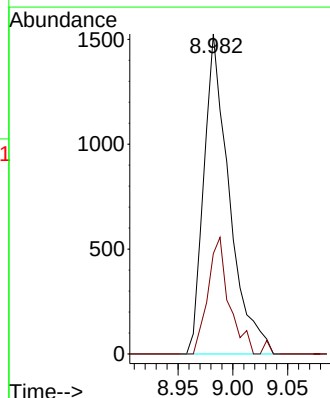
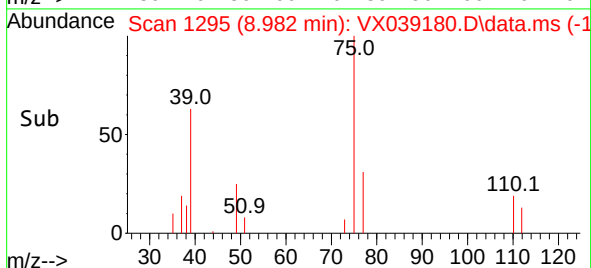
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

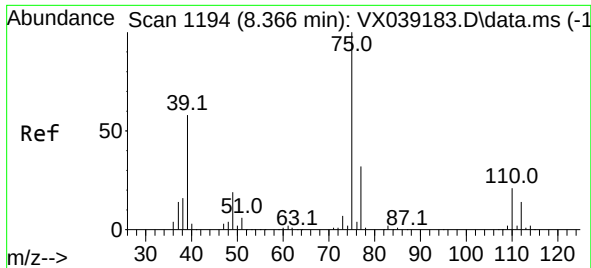


#53
t-1,3-Dichloropropene
Concen: 0.850 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



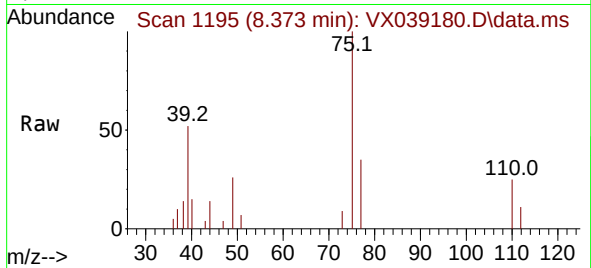
Tgt Ion: 75 Resp: 2456
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5





#54
cis-1,3-Dichloropropene
Concen: 0.941 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

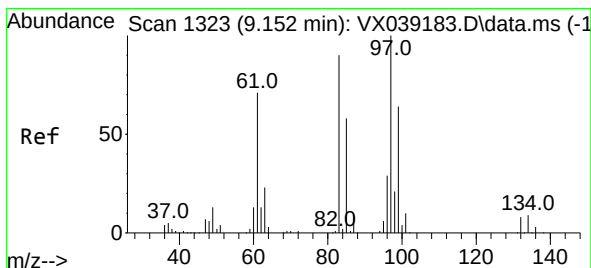
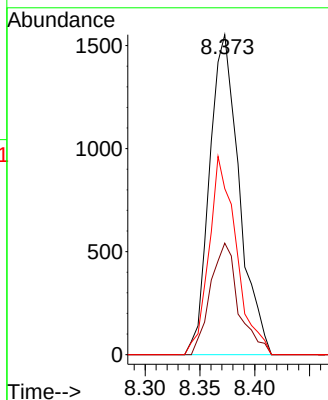
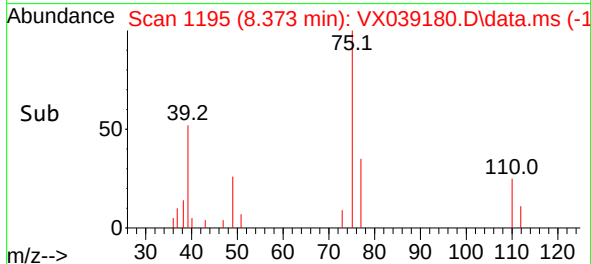
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 2920
Ion Ratio Lower Upper
75 100
77 34.8 25.3 37.9
39 51.9 46.7 70.1

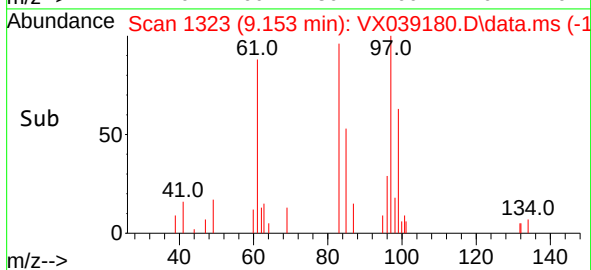
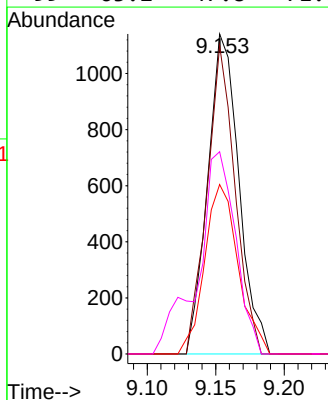
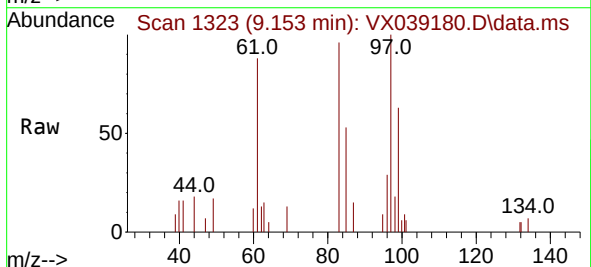
Manual Integrations
APPROVED

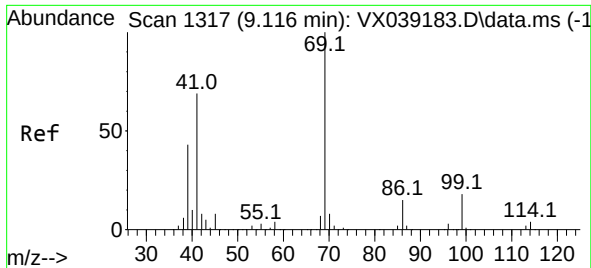
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#55
1,1,2-Trichloroethane
Concen: 0.988 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 97 Resp: 1810
Ion Ratio Lower Upper
97 100
83 96.4 65.8 98.8
85 52.9 41.6 62.4
99 63.2 47.8 71.8





#56
Ethyl methacrylate
Concen: 0.779 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

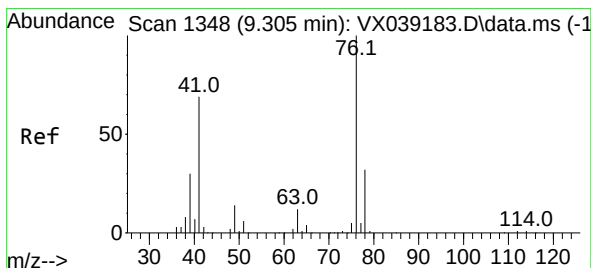
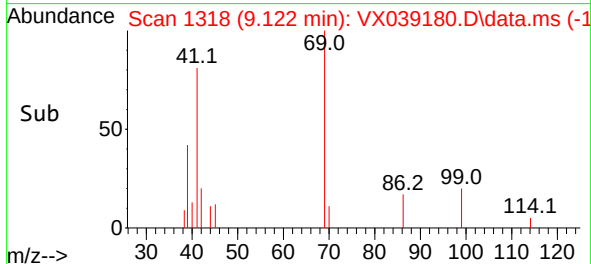
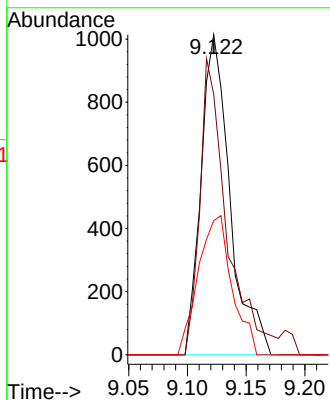
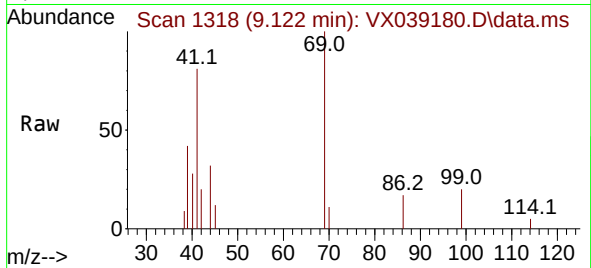
Tgt Ion: 69 Resp: 174
Ion Ratio Lower Upper
69 100
41 86.9 56.8 85.2
39 50.4 32.0 48.0

Manual Integrations

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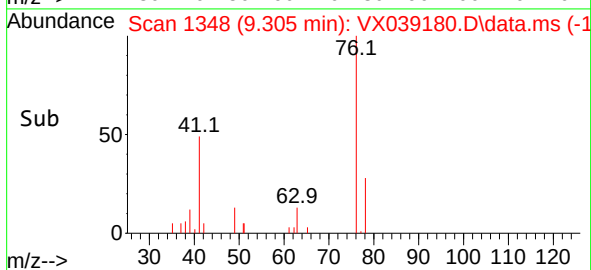
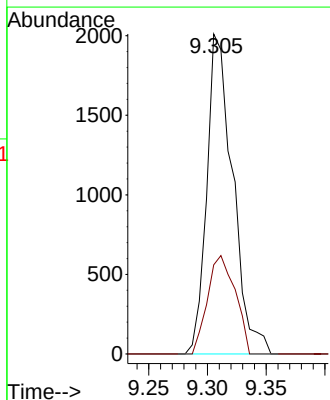
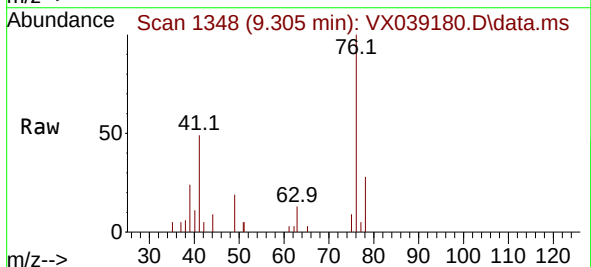
Reviewed By :John Carlone 12/14/2023

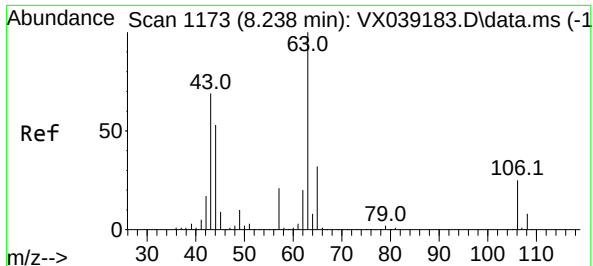
Supervised By :Mahesh Dadoda 12/14/2023



#57
1,3-Dichloropropane
Concen: 0.974 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 76 Resp: 3086
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1





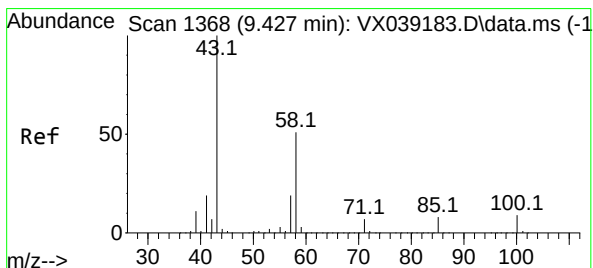
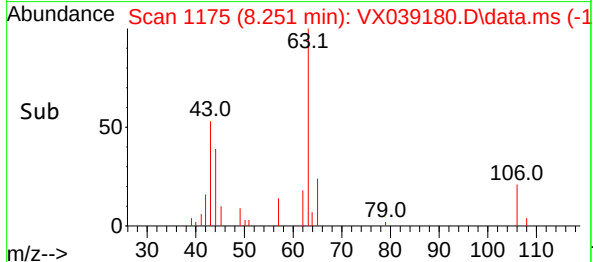
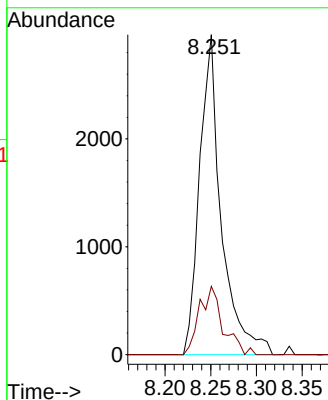
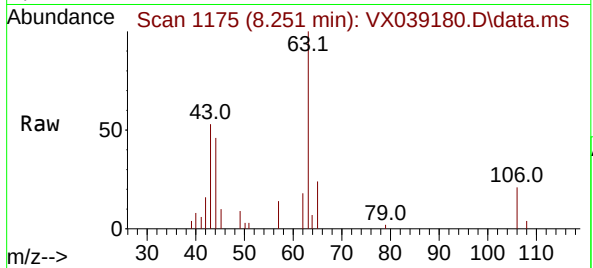
#58
2-Chloroethyl Vinyl ether
Concen: 3.725 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 4894
Ion Ratio Lower Upper
63 100
106 23.2 22.5 33.7

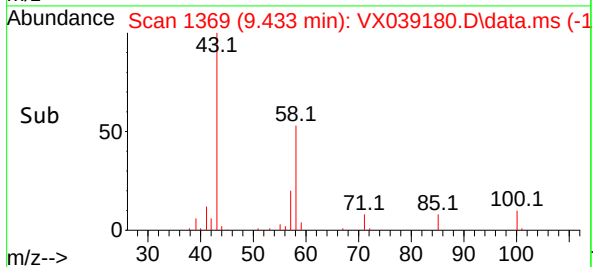
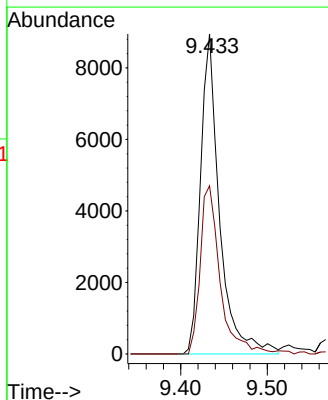
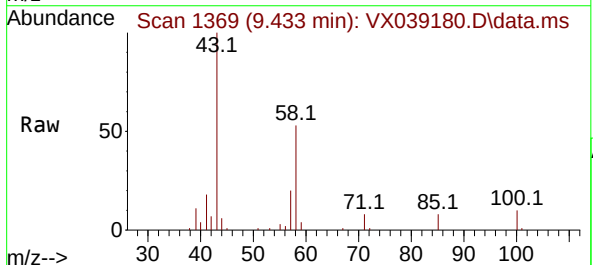
Manual Integrations
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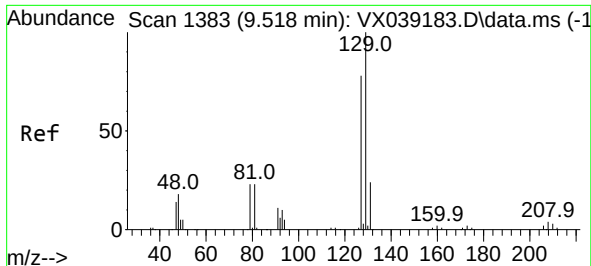
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#59
2-Hexanone
Concen: 4.801 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 43 Resp: 13637
Ion Ratio Lower Upper
43 100
58 54.9 26.2 78.5





#60

Dibromochloromethane

Concen: 0.907 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 168

Ion Ratio Lower Upper

129 100

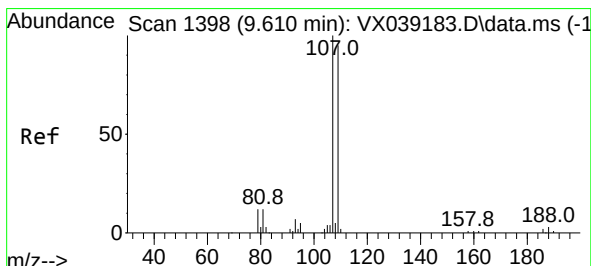
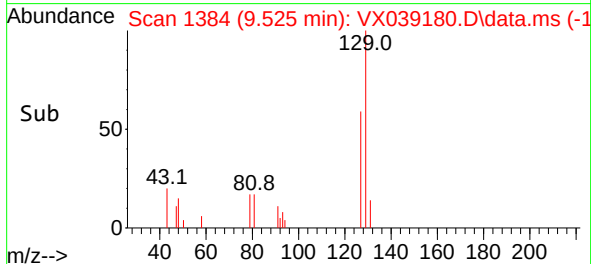
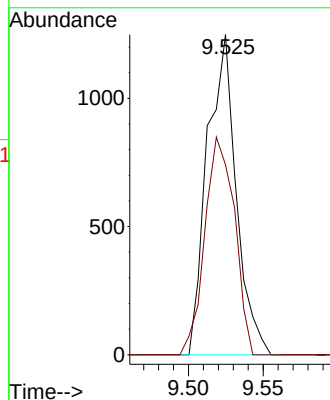
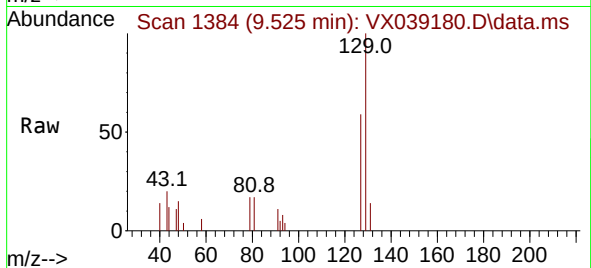
127 69.6 38.8 116.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#61

1,2-Dibromoethane

Concen: 0.946 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039180.D

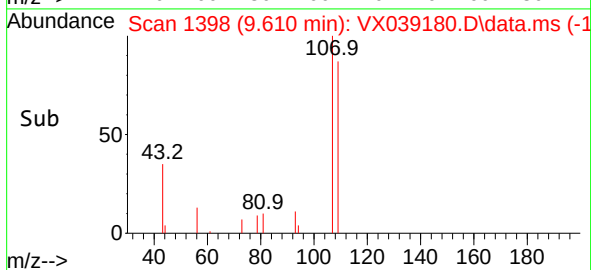
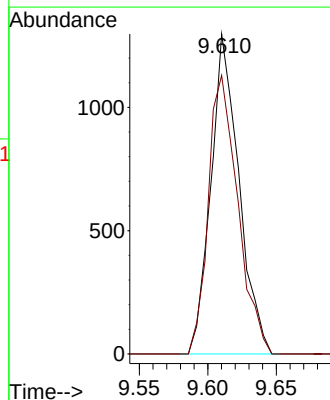
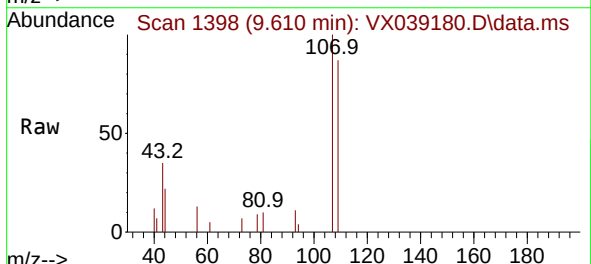
Acq: 13 Dec 2023 10:12

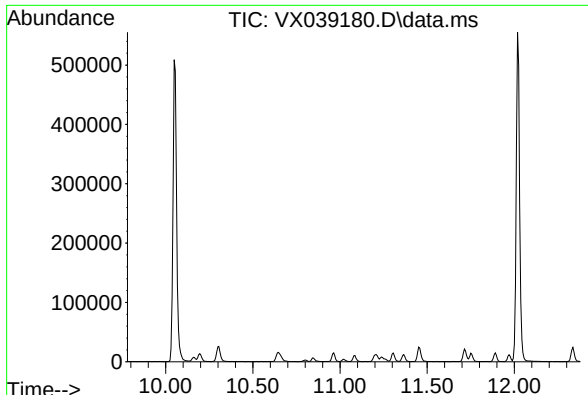
Tgt Ion:107 Resp: 1850

Ion Ratio Lower Upper

107 100

109 91.6 75.2 112.8





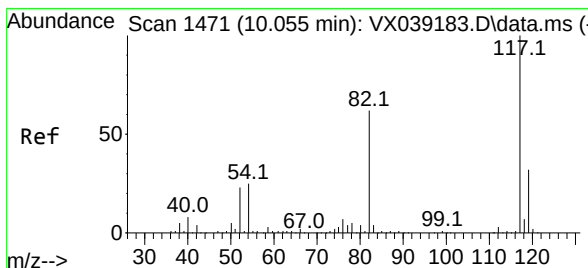
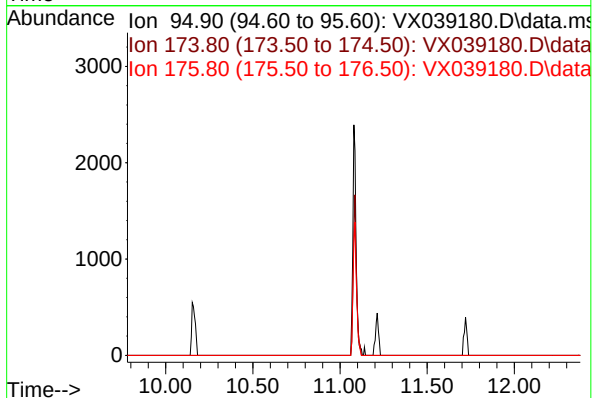
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

Instrument : MSVOA_X
 ClientSampleId : VSTDIC001

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

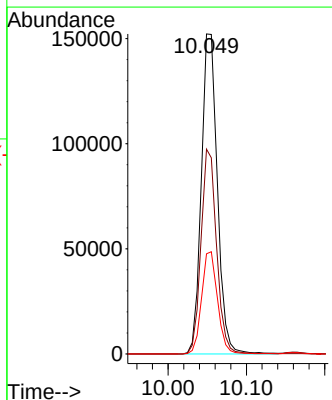
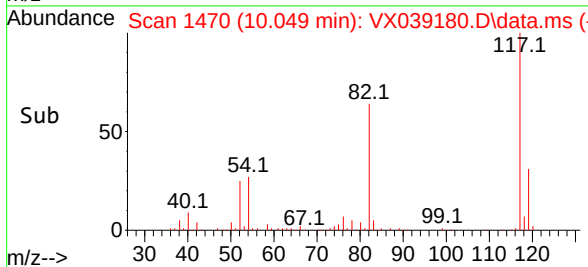
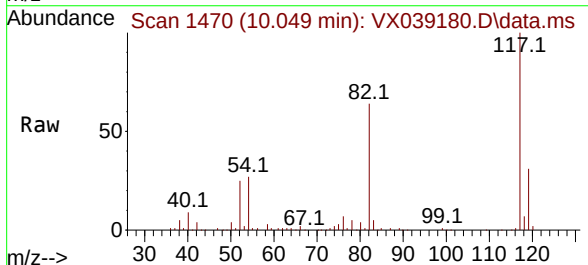
Manual Integrations
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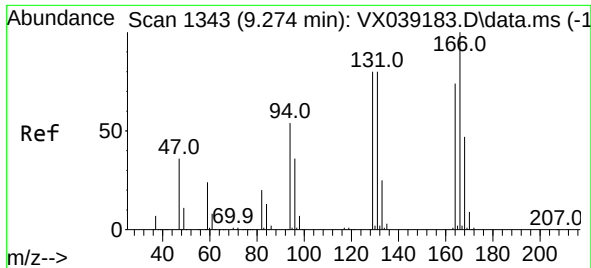
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. -0.006 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

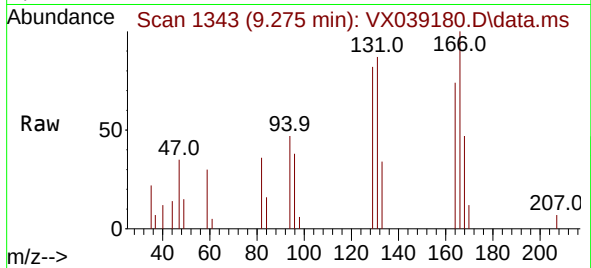
Tgt Ion:117 Resp: 216315
 Ion Ratio Lower Upper
 117 100
 82 64.0 46.2 69.4
 119 31.3 25.5 38.3





#64
Tetrachloroethene
Concen: 1.053 ug/l
RT: 9.275 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

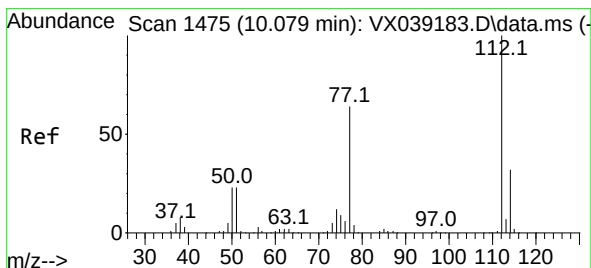
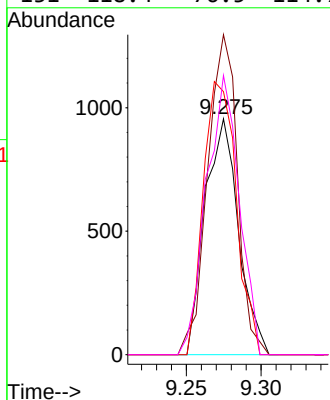
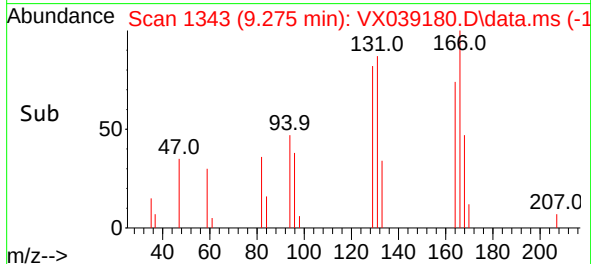
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1489
Ion Ratio Lower Upper
164 100
166 135.7 102.7 154.1
129 111.5 80.4 120.6
131 118.4 76.5 114.7#

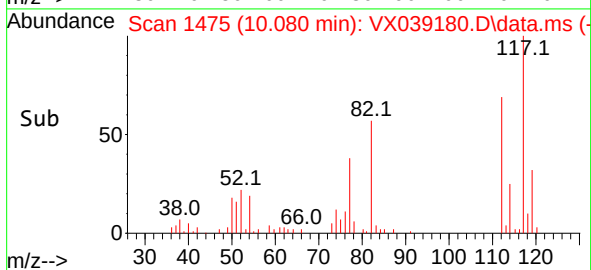
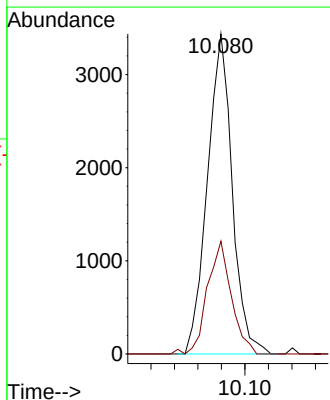
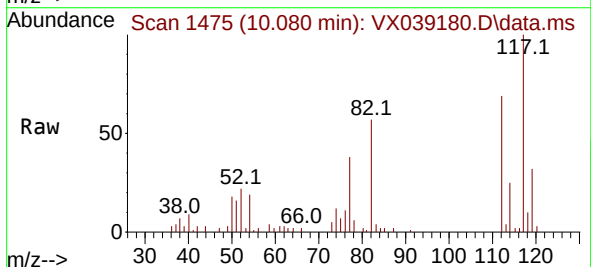
Manual Integrations
APPROVED

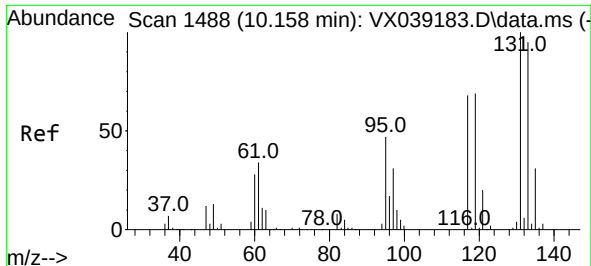
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#65
Chlorobenzene
Concen: 1.067 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:112 Resp: 5040
Ion Ratio Lower Upper
112 100
114 35.3 25.7 38.5





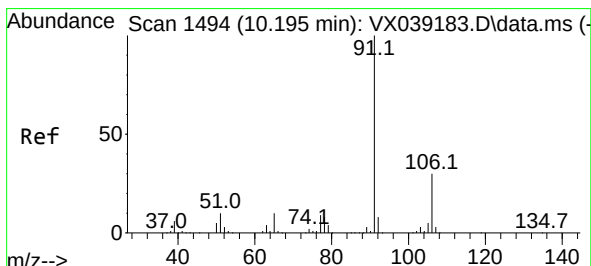
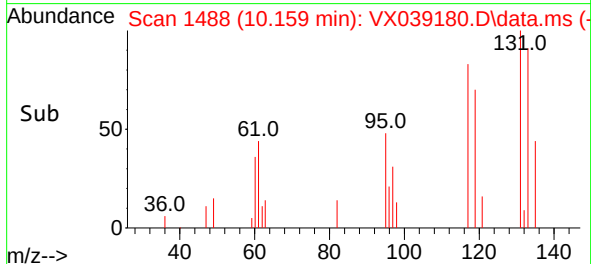
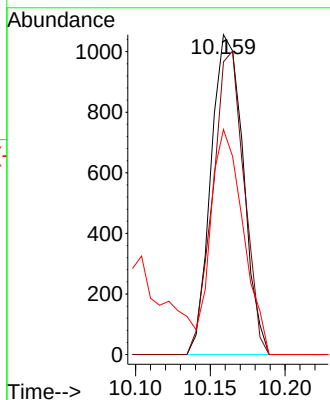
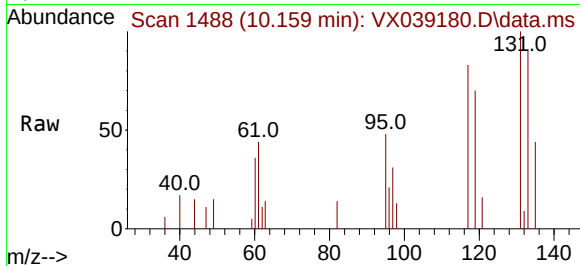
#66
1,1,1,2-Tetrachloroethane
Concen: 0.949 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 1582
Ion Ratio Lower Upper
131 100
133 92.1 47.1 141.4
119 0.0 32.2 96.6

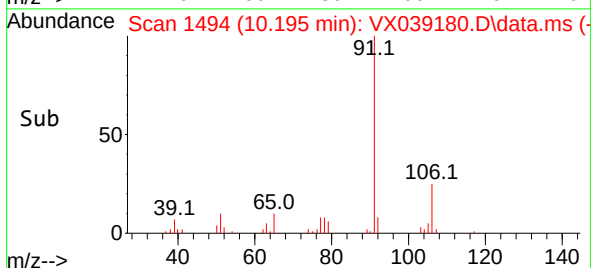
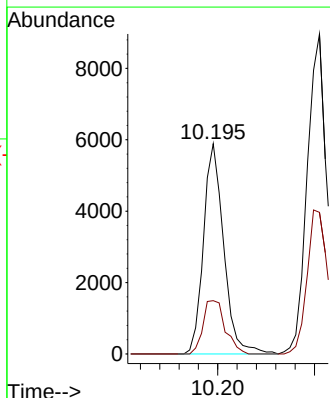
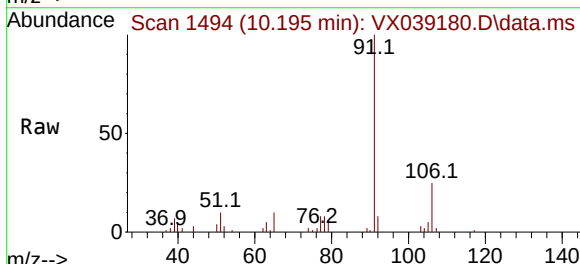
Manual Integrations
APPROVED

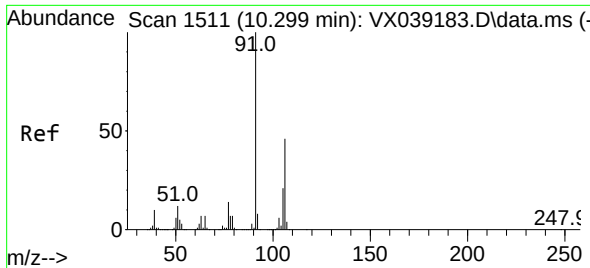
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#67
Ethyl Benzene
Concen: 0.975 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

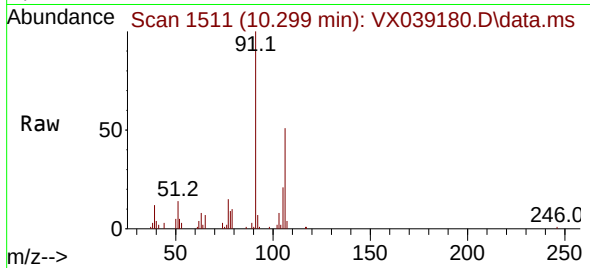
Tgt Ion: 91 Resp: 8568
Ion Ratio Lower Upper
91 100
106 25.3 24.9 37.3





#68
m/p-Xylenes
Concen: 1.978 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

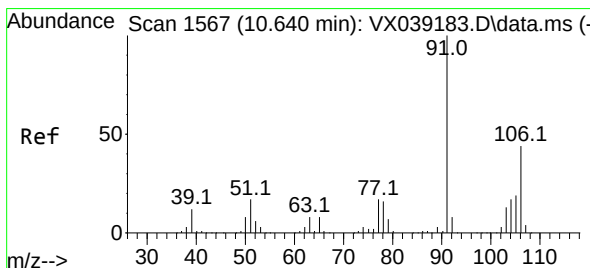
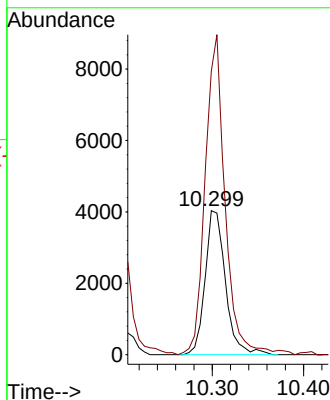
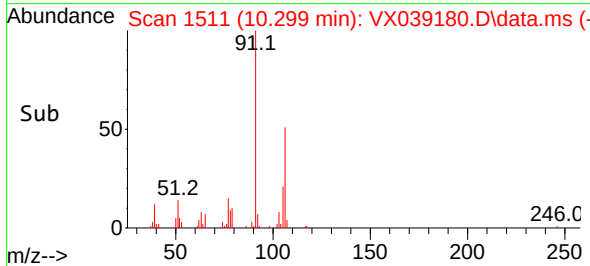
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:106 Resp: 623
Ion Ratio Lower Upper
106 100
91 217.1 165.5 248.3

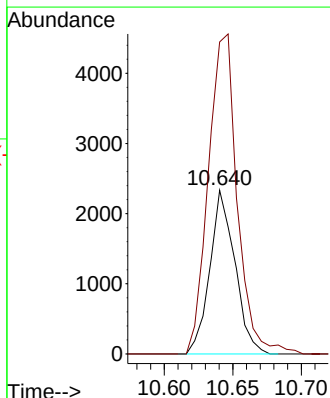
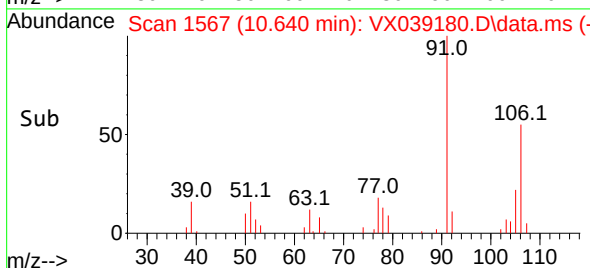
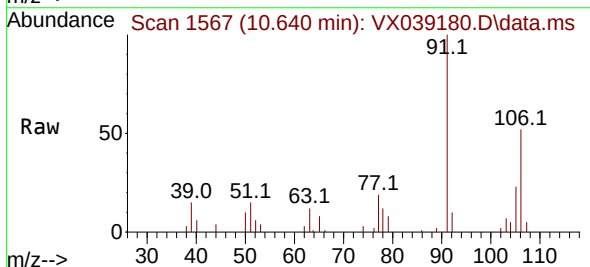
Manual Integrations
APPROVED

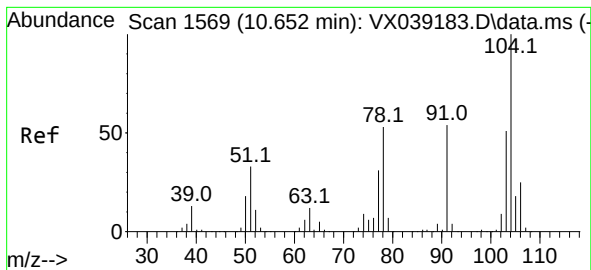
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#69
o-Xylene
Concen: 0.973 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:106 Resp: 2965
Ion Ratio Lower Upper
106 100
91 225.8 108.9 326.8





#70

Styrene

Concen: 0.853 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

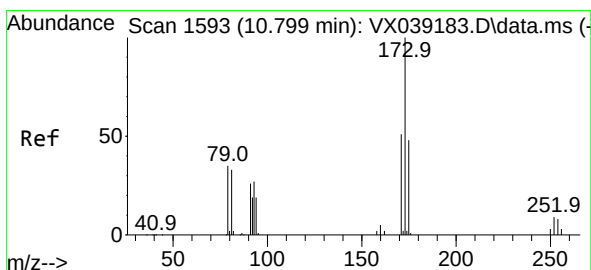
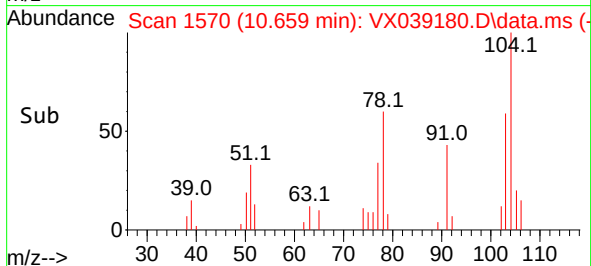
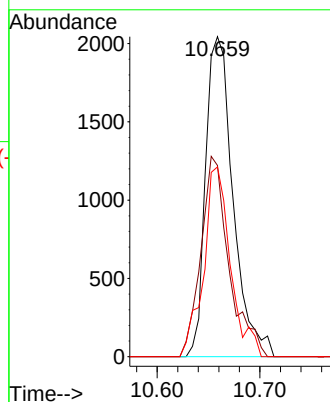
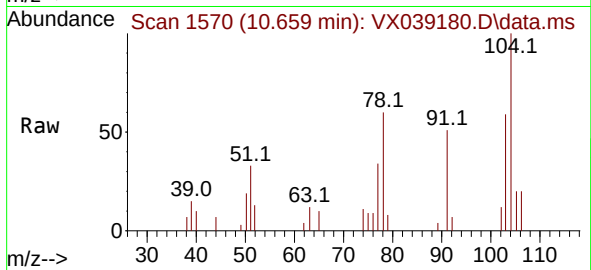
Tgt Ion:	104	Resp:	3800
Ion Ratio	Lower	Upper	
104	100		
78	64.0	43.6	65.4
103	57.9	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#71

Bromoform

Concen: 0.765 ug/l

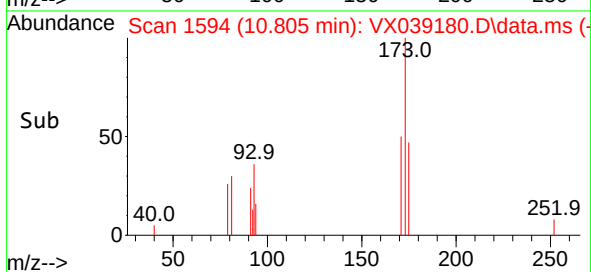
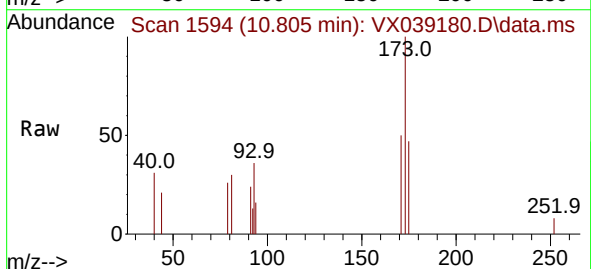
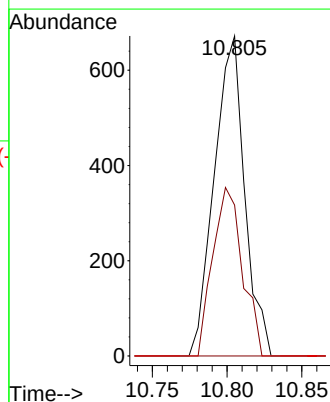
RT: 10.805 min Scan# 1594

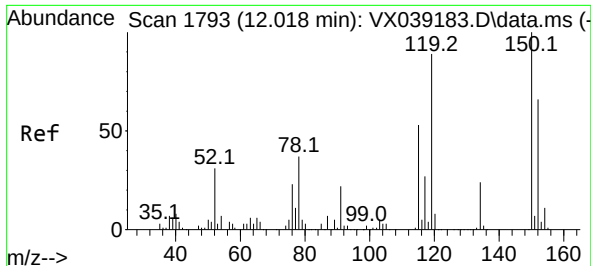
Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

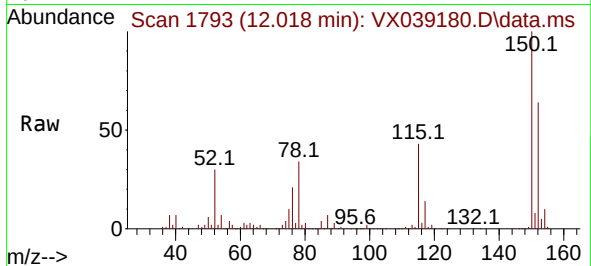
Tgt Ion:	173	Resp:	948
Ion Ratio	Lower	Upper	
173	100		
175	51.5	24.1	72.4
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

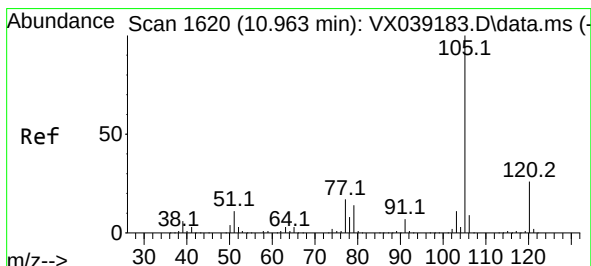
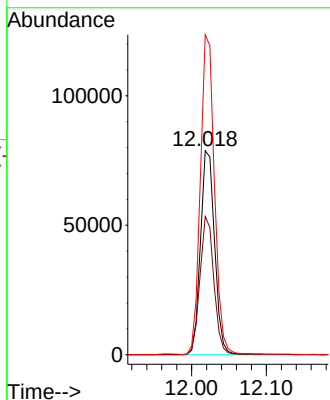
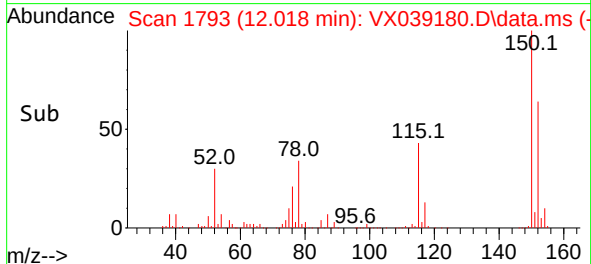
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



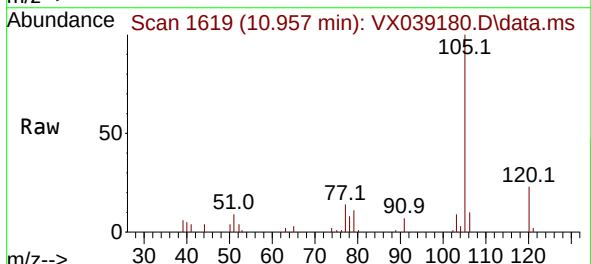
Tgt Ion:152 Resp: 103860
Ion Ratio Lower Upper
152 100
115 66.8 43.3 129.9
150 156.4 0.0 345.0

Manual Integrations
APPROVED

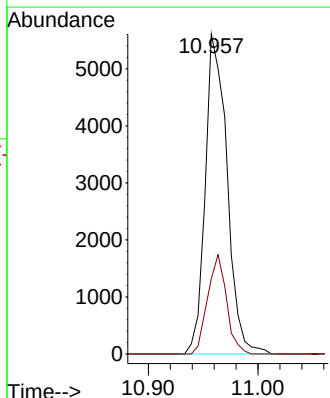
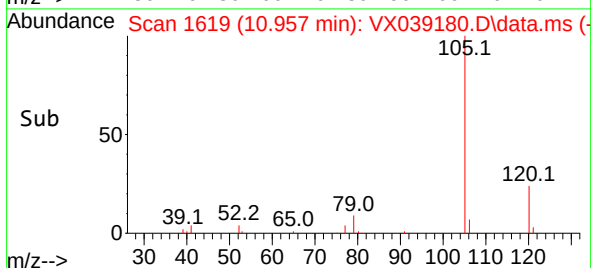
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

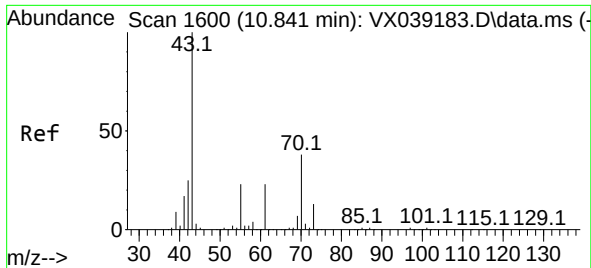


#73
Isopropylbenzene
Concen: 0.967 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



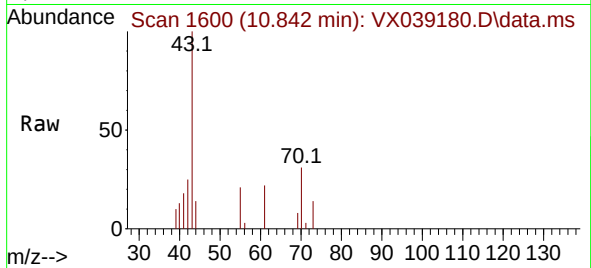
Tgt Ion:105 Resp: 7747
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6





#74
N-ethyl acetate
Concen: 0.823 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

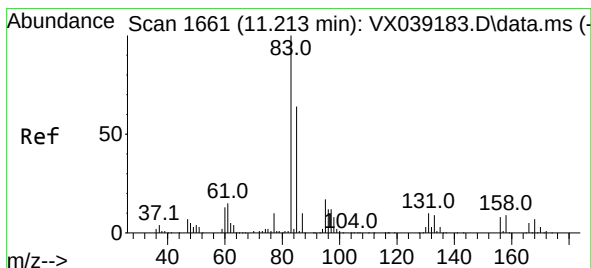
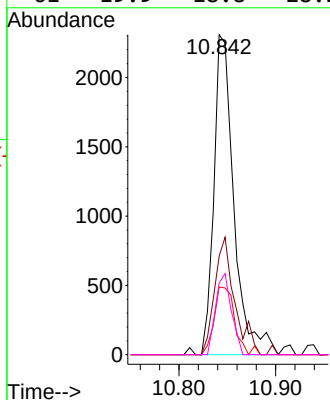
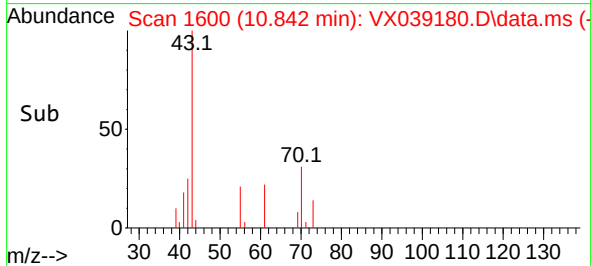
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.5	32.9	49.3
55	21.5	19.3	28.9
61	19.9	18.8	28.2

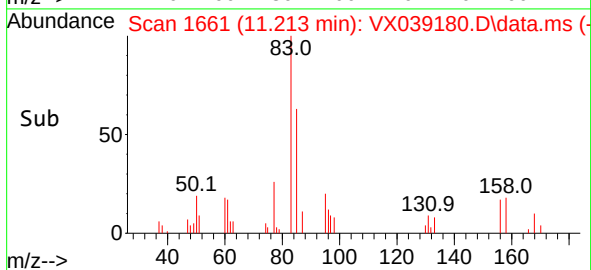
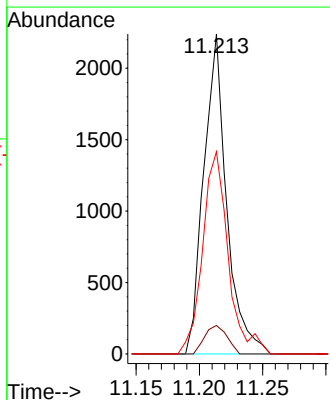
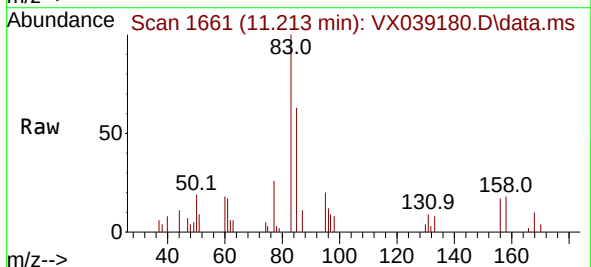
Manual Integrations
APPROVED

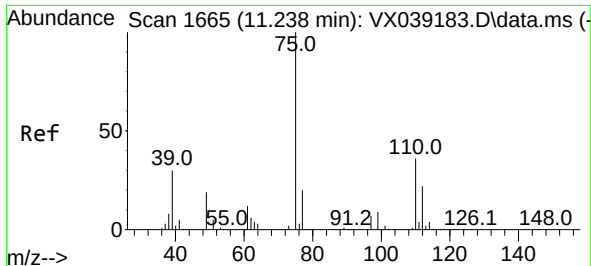
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 0.946 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

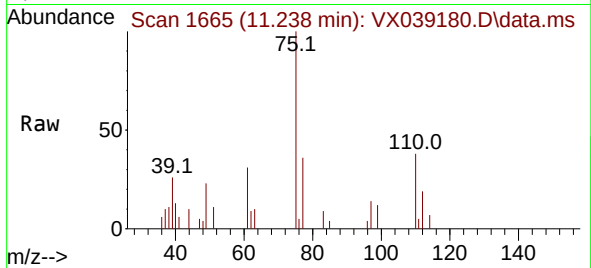
Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.7	5.3	15.8
85	70.7	32.0	96.2





#76
1,2,3-Trichloropropane
Concen: 1.008 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

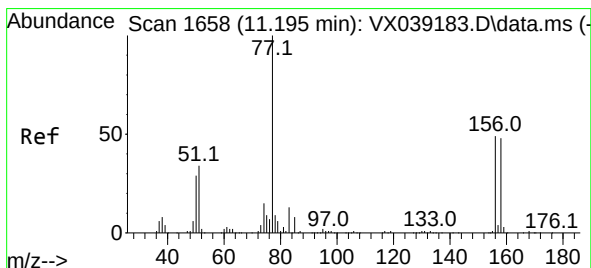
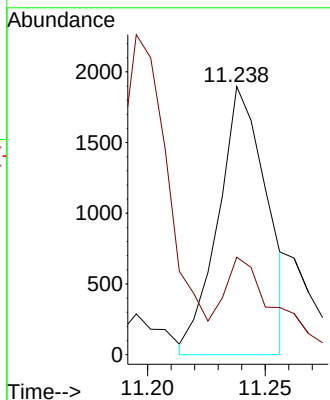
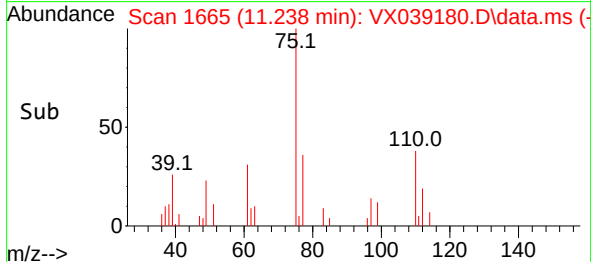
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
77 39.2 19.1 57.5

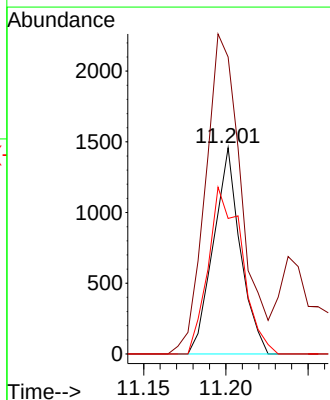
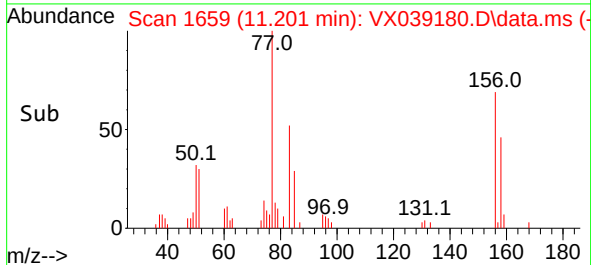
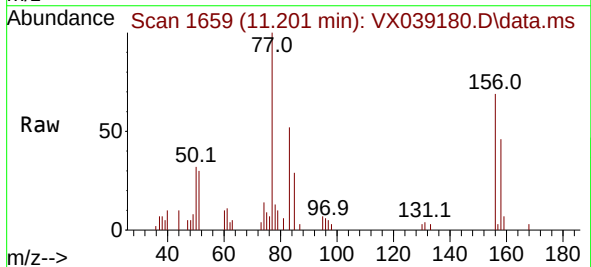
Manual Integrations
APPROVED

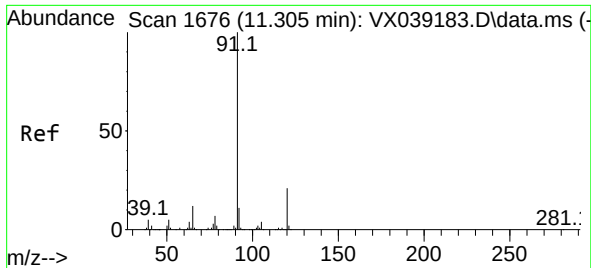
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#77
Bromobenzene
Concen: 0.937 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:156 Resp: 1660
Ion Ratio Lower Upper
156 100
77 205.9 88.4 265.3
158 101.3 48.0 144.0





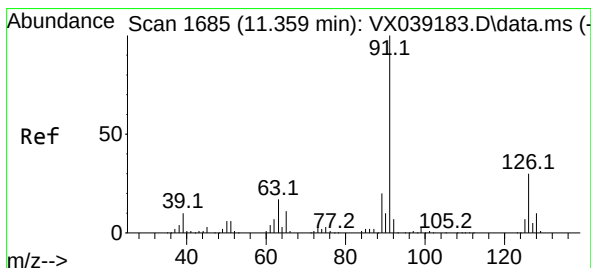
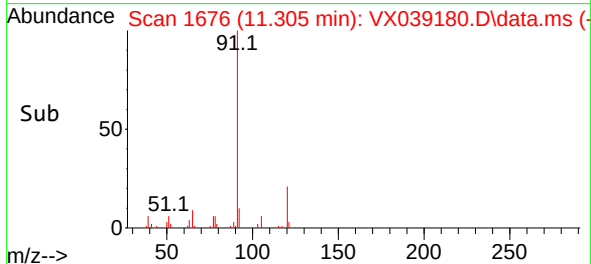
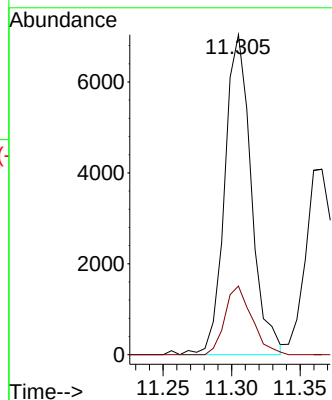
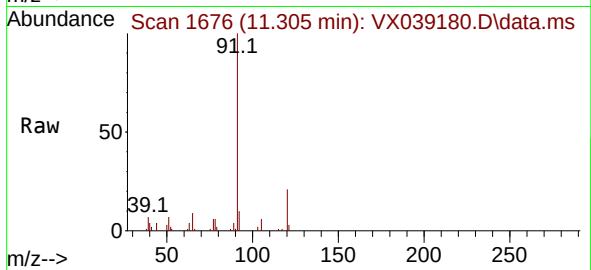
#78
n-propylbenzene
Concen: 0.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 950
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4

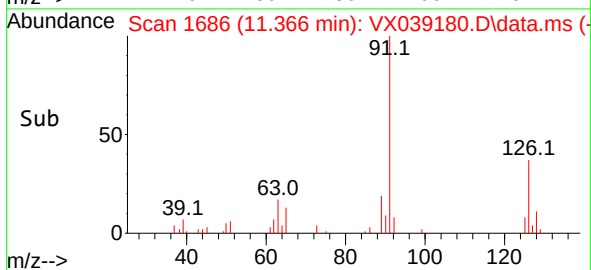
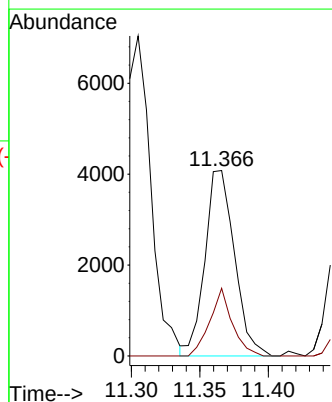
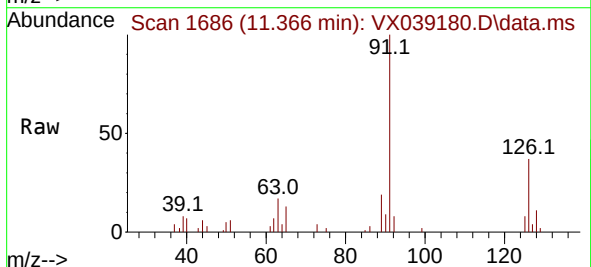
Manual Integrations
APPROVED

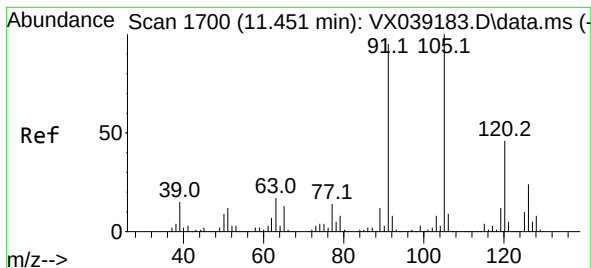
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#79
2-Chlorotoluene
Concen: 1.025 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 91 Resp: 6122
Ion Ratio Lower Upper
91 100
126 27.7 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.893 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 6094

Ion Ratio Lower Upper

105 100

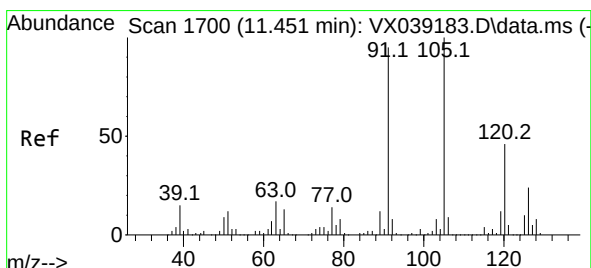
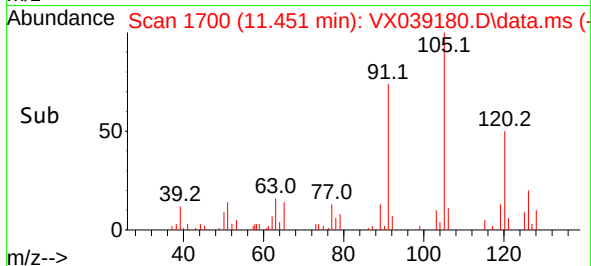
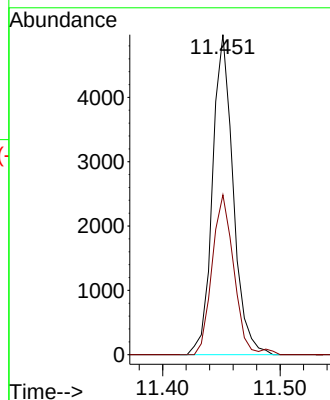
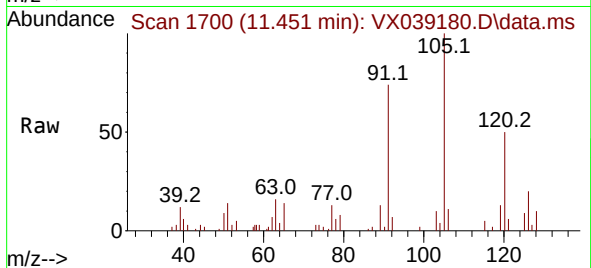
120 52.7 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#82

4-Chlorotoluene

Concen: 0.968 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX039180.D

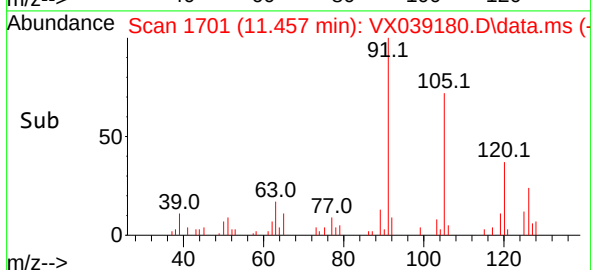
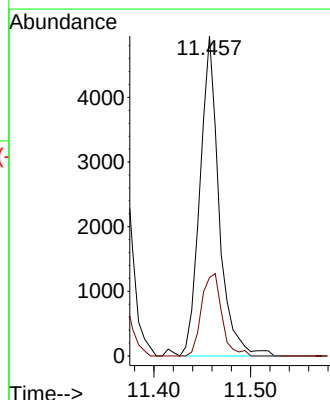
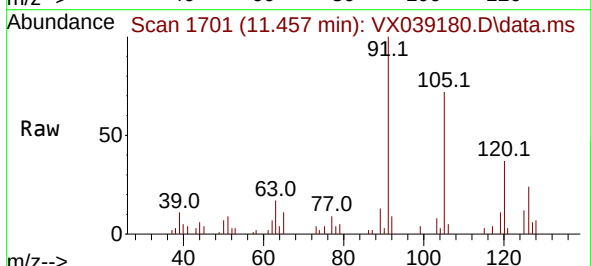
Acq: 13 Dec 2023 10:12

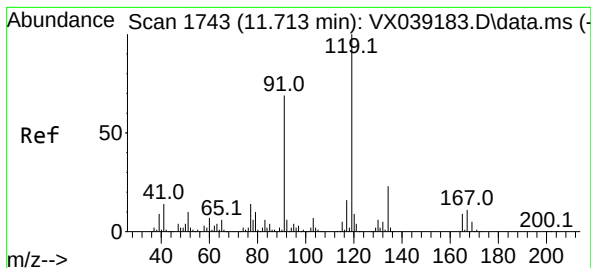
Tgt Ion: 91 Resp: 6787

Ion Ratio Lower Upper

91 100

126 27.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.926 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

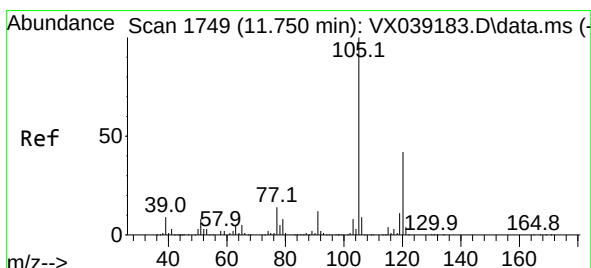
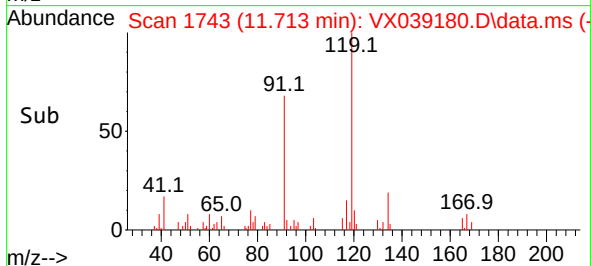
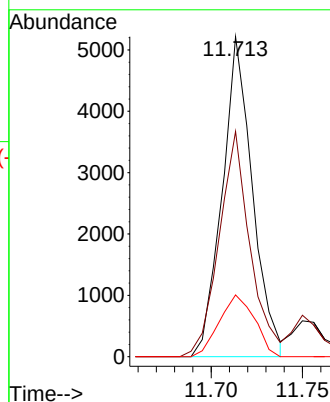
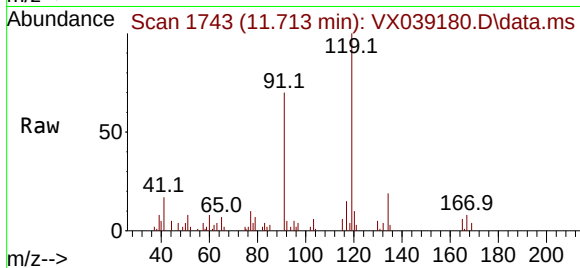
Tgt Ion:	119	Resp:	601
Ion Ratio	Lower	Upper	
119	100		
91	72.1	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.936 ug/l

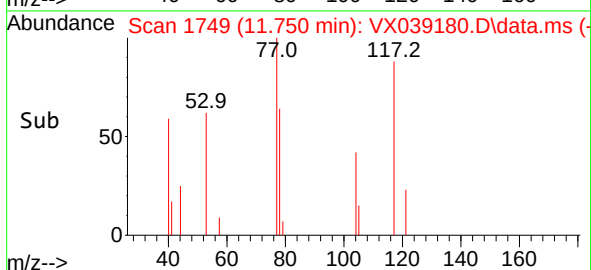
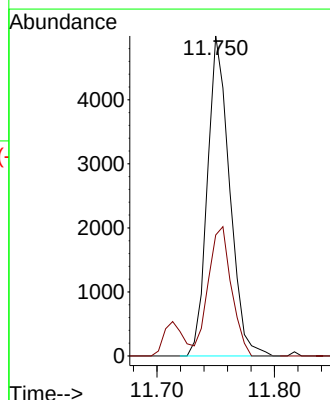
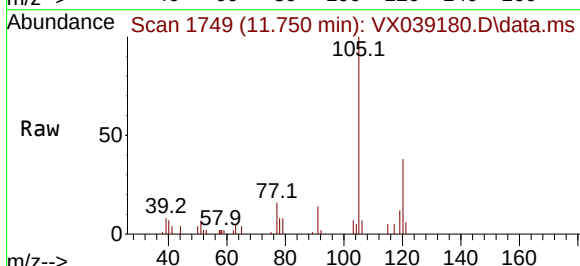
RT: 11.750 min Scan# 1749

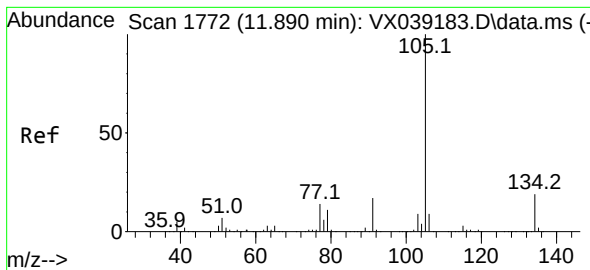
Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

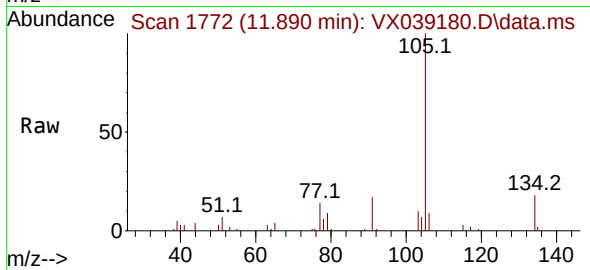
Tgt Ion:	105	Resp:	6555
Ion Ratio	Lower	Upper	
105	100		
120	41.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.957 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

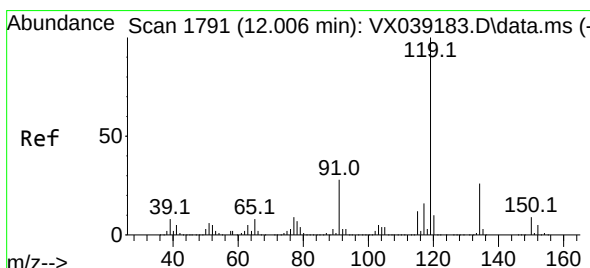
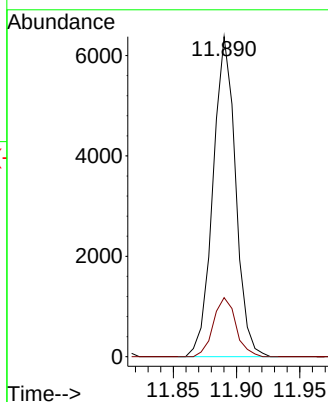
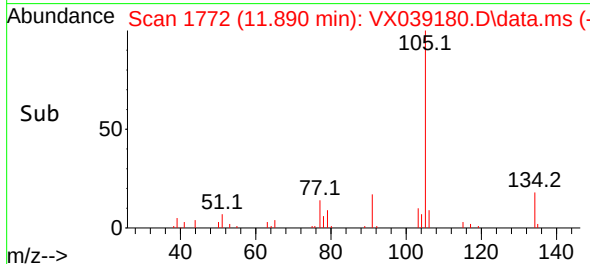
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



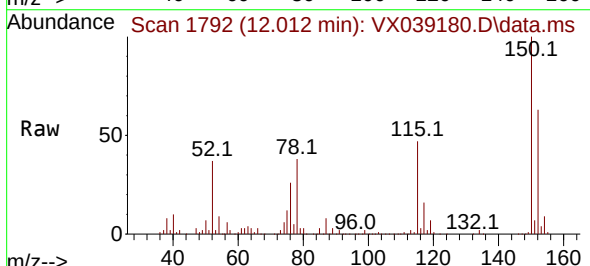
Tgt Ion:105 Resp: 7914
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4

Manual Integrations
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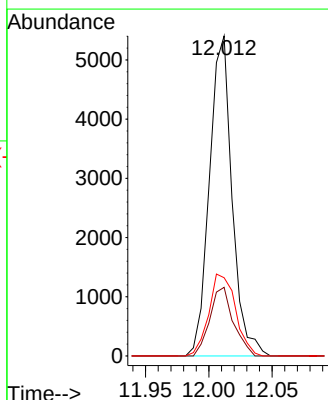
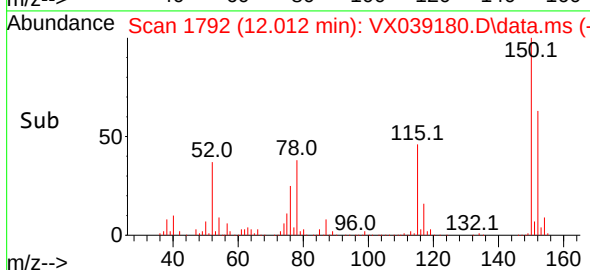
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

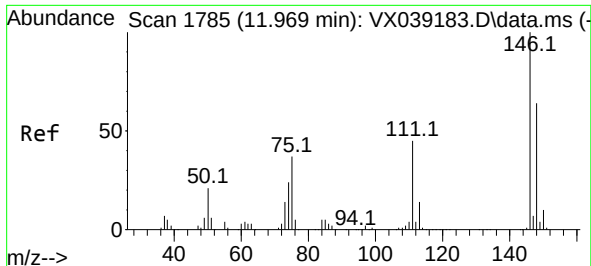


#86
 p-Isopropyltoluene
 Concen: 0.969 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12



Tgt Ion:119 Resp: 6725
 Ion Ratio Lower Upper
 119 100
 134 22.3 12.8 38.3
 91 30.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.015 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 353

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.1

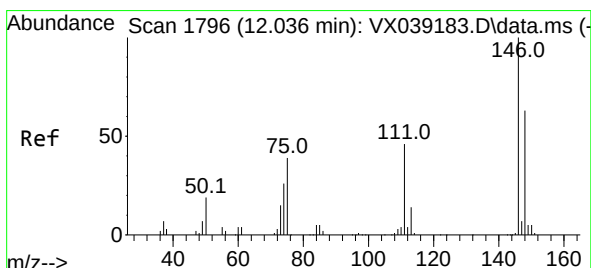
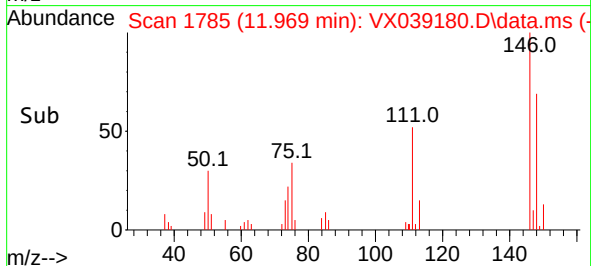
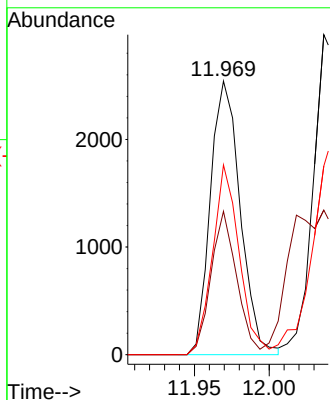
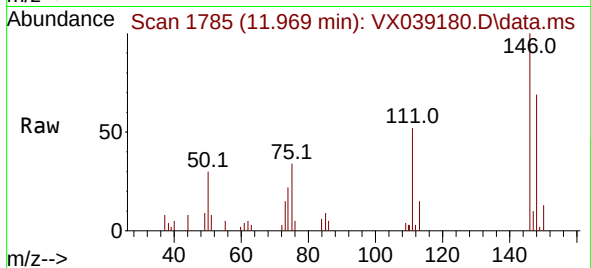
148 62.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 1.135 ug/l m

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

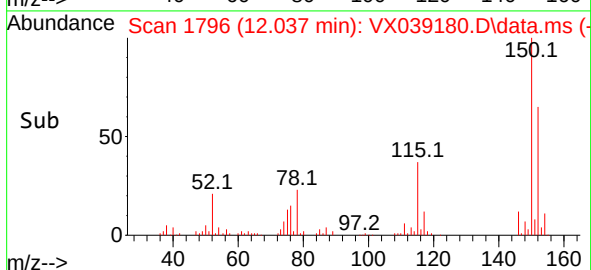
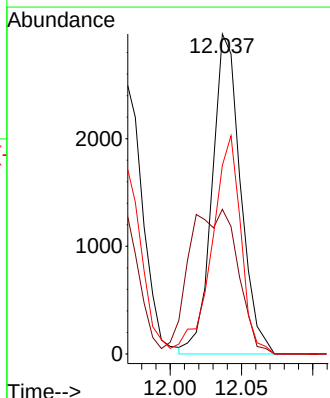
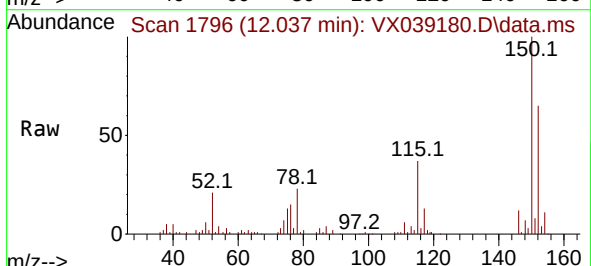
Tgt Ion:146 Resp: 4114

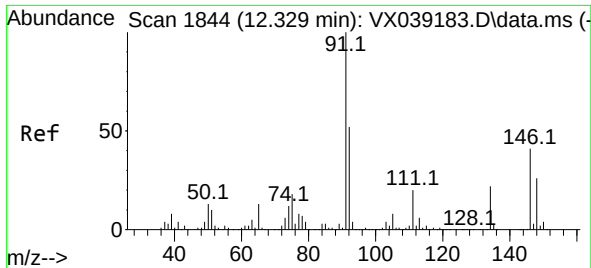
Ion Ratio Lower Upper

146 100

111 38.8 21.3 63.7

148 53.3 31.8 95.4





#89

n-Butylbenzene

Concen: 0.885 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 603

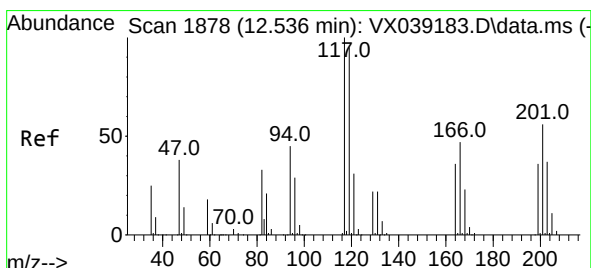
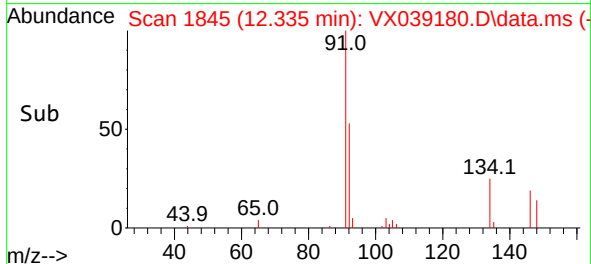
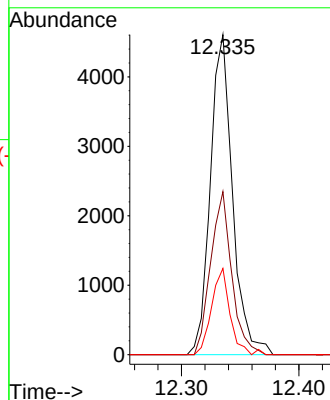
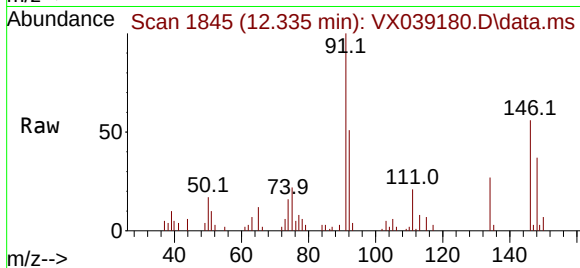
Ion	Ratio	Lower	Upper
91	100		
92	48.4	27.4	82.0
134	22.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#90

Hexachloroethane

Concen: 0.931 ug/l

RT: 12.543 min Scan# 1879

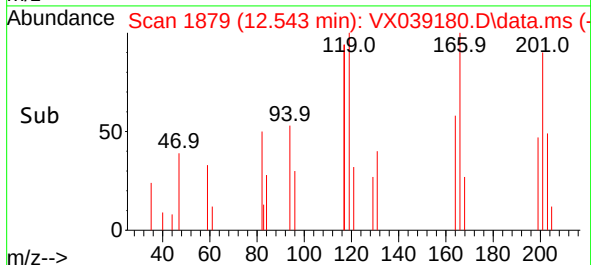
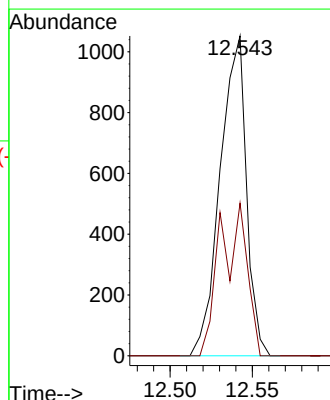
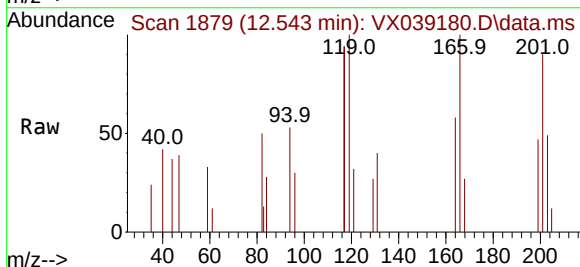
Delta R.T. 0.007 min

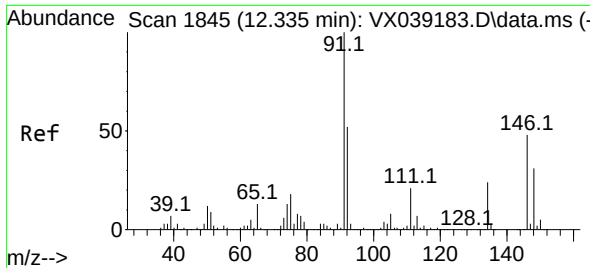
Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion:117 Resp: 1167

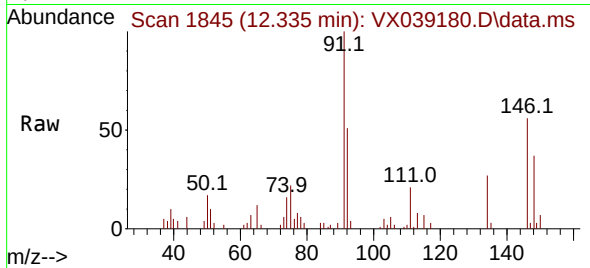
Ion	Ratio	Lower	Upper
117	100		
201	48.8	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 1.005 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

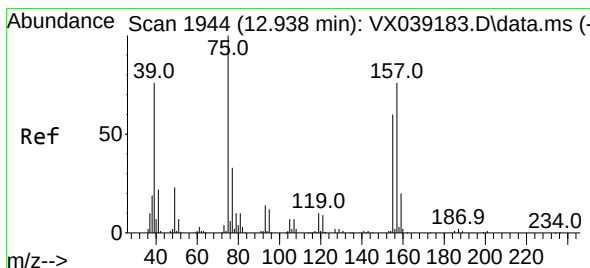
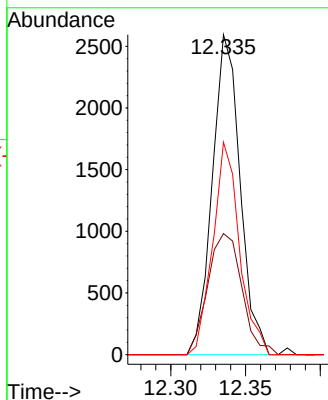
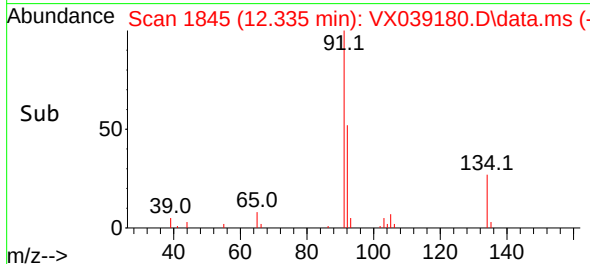
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



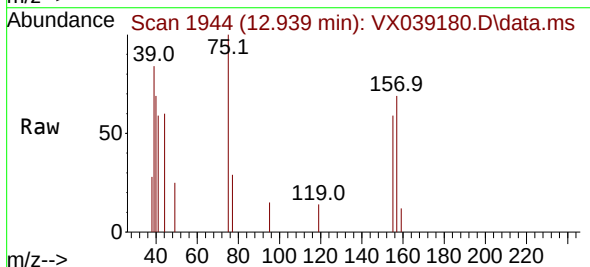
Tgt Ion:146 Resp: 3340
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
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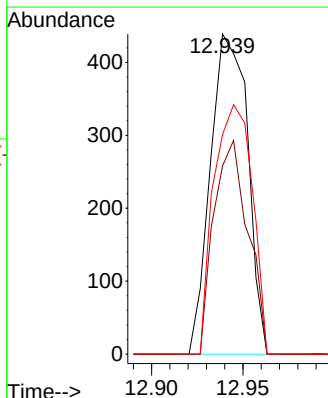
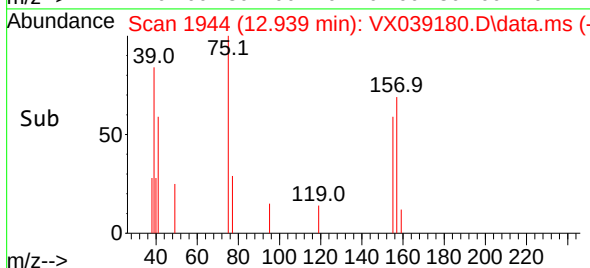
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

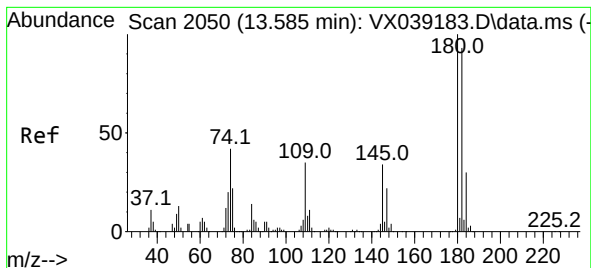


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.790 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
155 61.3 36.1 108.5
157 80.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 1.009 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

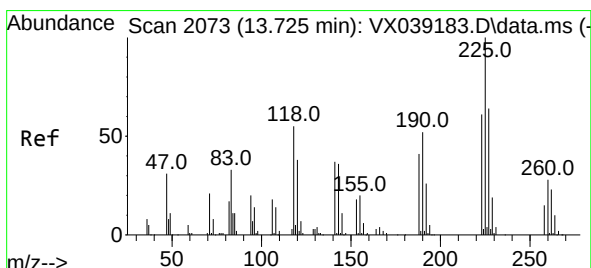
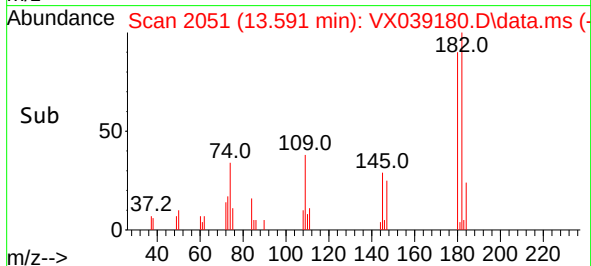
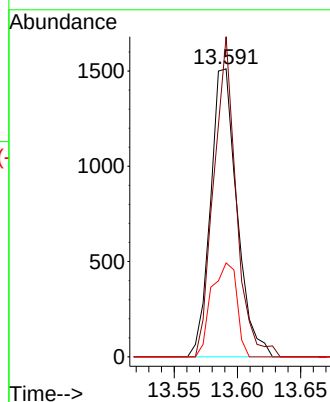
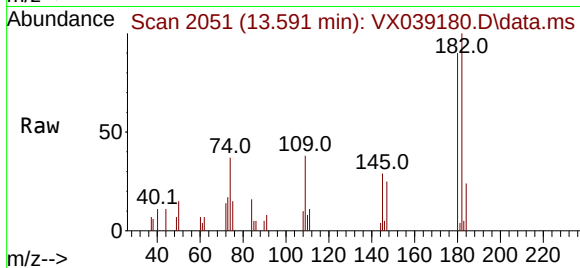
Tgt Ion:180	Resp:	2200
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.3 144.8
145	31.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 0.981 ug/l

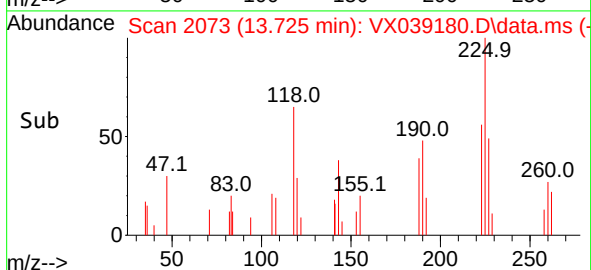
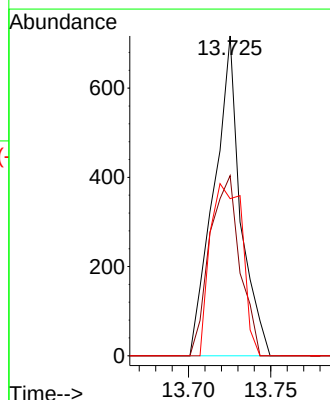
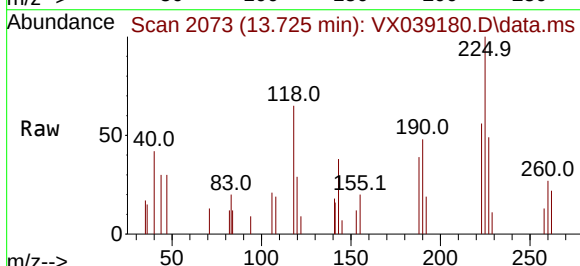
RT: 13.725 min Scan# 2073

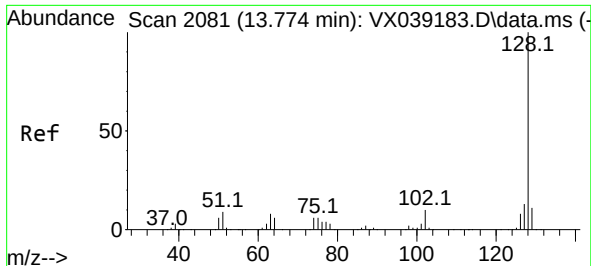
Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

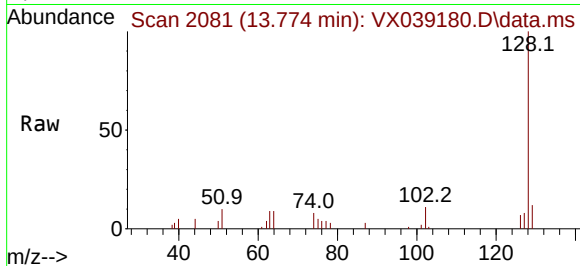
Tgt Ion:225	Resp:	806
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.1 93.2
227	64.9	32.5 97.5





#95
Naphthalene
Concen: 0.862 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

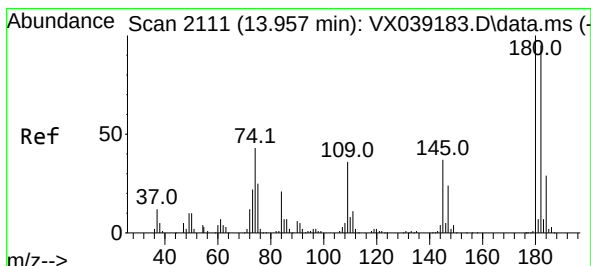
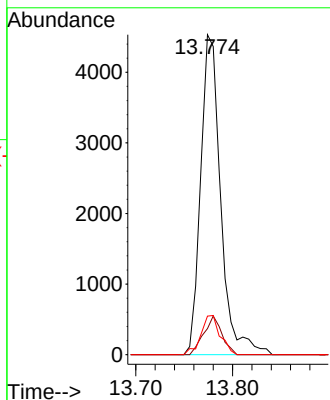
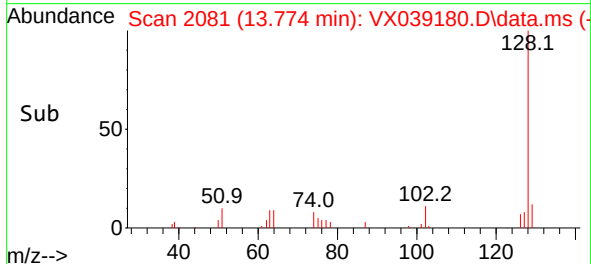
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



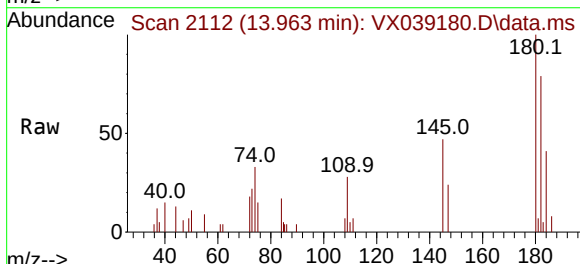
Tgt Ion:128 Resp: 655
Ion Ratio Lower Upper
128 100
127 10.9 10.3 15.5
129 11.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.958 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12



Tgt Ion:180 Resp: 2017
Ion Ratio Lower Upper
180 100
182 88.8 46.9 140.6
145 48.2 17.8 53.5

