

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036283.D
 Acq On : 23 Jun 2023 10:28
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 14:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 14:11:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	247870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	1981	0.867	ug/l	75
3) Chloromethane	1.294	50	4198	1.036	ug/l	98
4) Vinyl Chloride	1.374	62	3779	0.875	ug/l #	84
6) Chloroethane	1.691	64	2709	0.862	ug/l	94
7) Trichlorofluoromethane	1.892	101	5325	0.811	ug/l	95
8) Diethyl Ether	2.130	74	2124	0.838	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	2512	0.891	ug/l	99
10) Methyl Iodide	2.459	142	2369	0.688	ug/l	99
12) 1,1-Dichloroethene	2.325	96	2461	0.890	ug/l #	74
14) Allyl chloride	2.666	41	3908	0.872	ug/l	98
15) Acrylonitrile	3.075	53	7728	4.711	ug/l	95
16) Acetone	2.404	43	7867	5.354	ug/l	95
17) Carbon Disulfide	2.514	76	5547	0.859	ug/l	98
18) Methyl Acetate	2.709	43	6487	1.020	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	7719	0.859	ug/l #	90
20) Methylene Chloride	2.794	84	3502	1.094	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	2635	0.912	ug/l #	77
22) Diisopropyl ether	3.757	45	8264	0.905	ug/l	87
23) Vinyl Acetate	3.727	43	25397	3.896	ug/l	97
24) 1,1-Dichloroethane	3.605	63	5087	0.942	ug/l	99
25) 2-Butanone	4.586	43	10427	4.798	ug/l	94
26) 2,2-Dichloropropane	4.483	77	3111	0.828	ug/l	90
27) cis-1,2-Dichloroethene	4.501	96	3075	0.926	ug/l	87
28) Bromochloromethane	4.904	49	2667	1.000	ug/l #	97
29) Tetrahydrofuran	5.025	42	6682	4.788	ug/l	96
30) Chloroform	5.093	83	4952	0.919	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	3938	0.879	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	3748	0.927	ug/l	97
37) Ethyl Acetate	4.721	43	4177	0.972	ug/l #	89
38) Carbon Tetrachloride	5.684	117	3403	0.893	ug/l #	73
39) Methylcyclohexane	7.385	83	4345	0.887	ug/l #	87
40) Benzene	6.037	78	10693	0.924	ug/l #	87
41) Methacrylonitrile	4.934	41	2303	0.974	ug/l #	76
42) 1,2-Dichloroethane	6.086	62	4134	0.934	ug/l	93
43) Isopropyl Acetate	6.342	43	5820	0.863	ug/l	97
44) Trichloroethene	7.123	130	2958	0.937	ug/l	96

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 VSTDIC001

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Quant Time: Jun 23 14:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 14:11:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	7.434	63	3046	0.955	ug/l	99
46) Dibromomethane	7.580	93	1901	0.864	ug/l	88
47) Bromodichloromethane	7.818	83	3128	0.784	ug/l #	82
48) Methyl methacrylate	7.702	41	2897	0.860	ug/l	93
49) 1,4-Dioxane	7.720	88	463	34.477	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	19551	4.460	ug/l	99
52) Toluene	8.720	92	7038	0.949	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	2485	1.608	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	3348	1.590	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	2904	0.941	ug/l #	91
56) Ethyl methacrylate	9.116	69	3928	0.852	ug/l	95
57) 1,3-Dichloropropane	9.311	76	4607	0.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	9970	3.892	ug/l	97
59) 2-Hexanone	9.433	43	14727	4.581	ug/l	98
60) Dibromochloromethane	9.519	129	2242	0.766	ug/l	94
61) 1,2-Dibromoethane	9.610	107	2751	0.863	ug/l	94
64) Tetrachloroethene	9.269	164	2616	0.952	ug/l	89
65) Chlorobenzene	10.079	112	7539	0.923	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	2375	0.851	ug/l #	65
67) Ethyl Benzene	10.195	91	13309	0.914	ug/l	100
68) m/p-Xylenes	10.299	106	9441	1.682	ug/l	98
69) o-Xylene	10.640	106	4833	0.882	ug/l	98
70) Styrene	10.659	104	7345	0.826	ug/l	96
71) Bromoform	10.799	173	1504	1.944	ug/l #	96
73) Isopropylbenzene	10.963	105	11534	0.851	ug/l	99
74) N-amyl acetate	10.841	43	4369	0.806	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	4483	0.977	ug/l	93
76) 1,2,3-Trichloropropane	11.238	75	4400	1.139	ug/l	94
77) Bromobenzene	11.195	156	3046	0.923	ug/l	86
78) n-propylbenzene	11.305	91	13203	0.840	ug/l	97
79) 2-Chlorotoluene	11.366	91	8782	0.937	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	9043	0.796	ug/l	98
82) 4-Chlorotoluene	11.457	91	9443	0.870	ug/l	98
83) tert-Butylbenzene	11.713	119	8891	0.817	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	9487	0.843	ug/l	95
85) sec-Butylbenzene	11.890	105	11174	0.814	ug/l	99
86) p-Isopropyltoluene	12.006	119	9136	0.795	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	5343	0.889	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	5844m	0.948	ug/l	
89) n-Butylbenzene	12.335	91	7949	0.775	ug/l	96
90) Hexachloroethane	12.536	117	1227	3.282	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	5292	0.891	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	675	0.774	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	3234	0.889	ug/l	90
94) Hexachlorobutadiene	13.725	225	1361	0.930	ug/l	97
95) Naphthalene	13.774	128	10057	0.833	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2720	0.776	ug/l	92

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

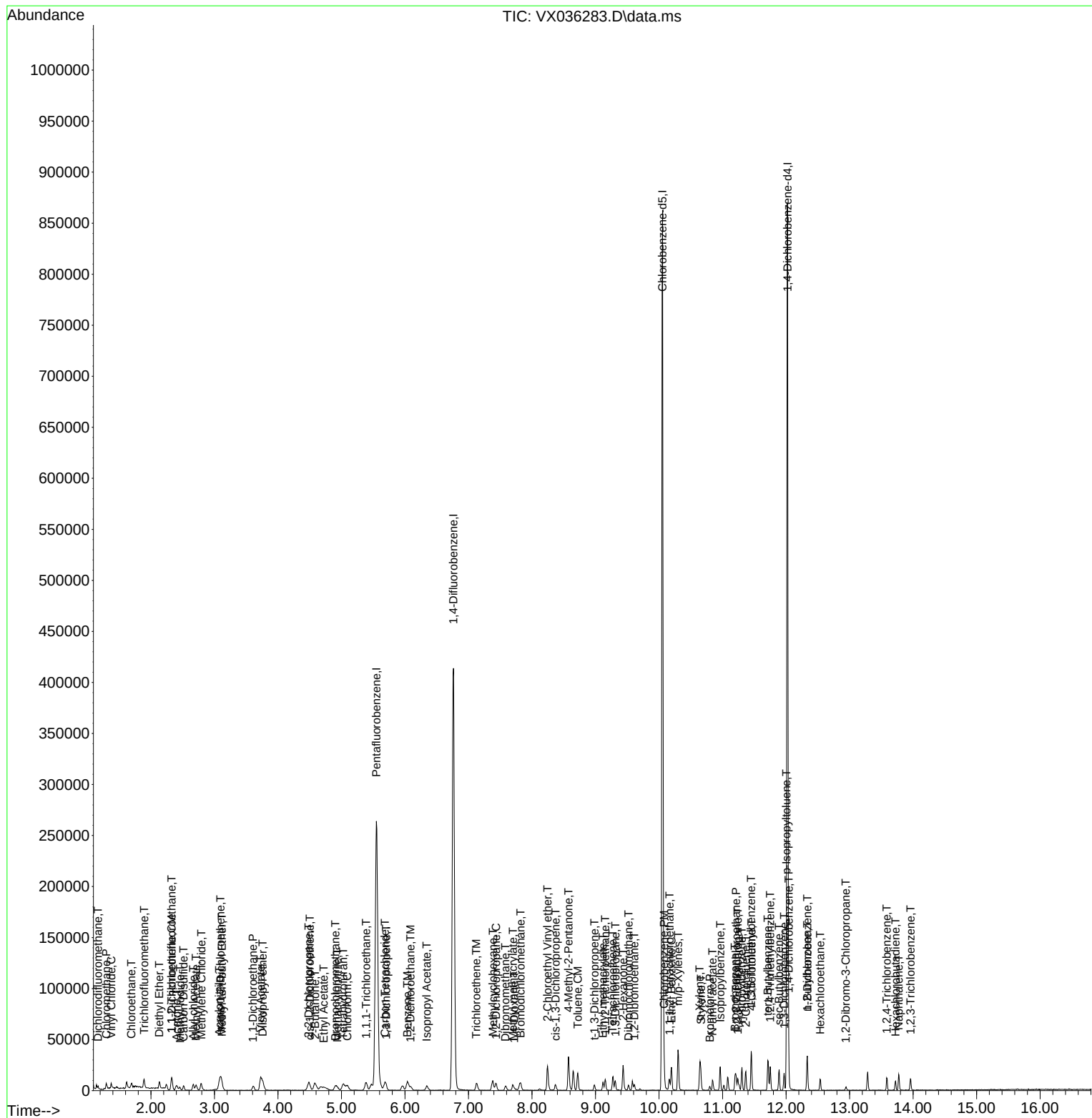
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
Data File : VX036283.D
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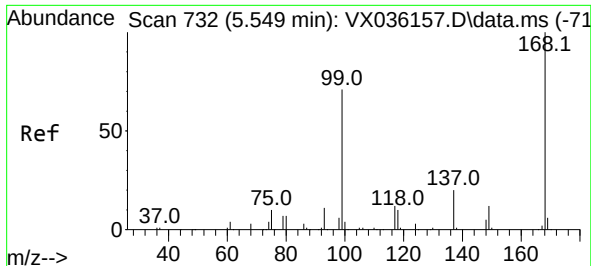
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 23 14:11:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 14:11:06 2023
Response via : Initial Calibration

Manual Integrations
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Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

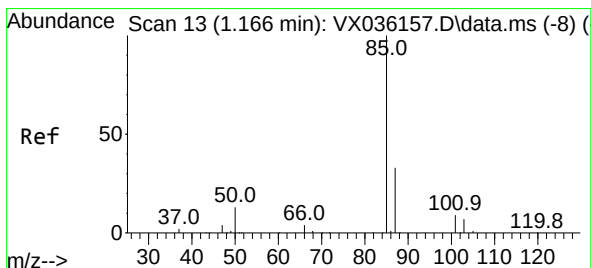
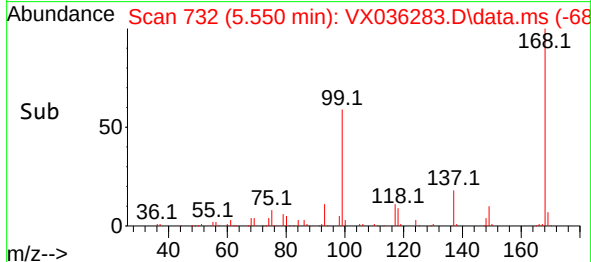
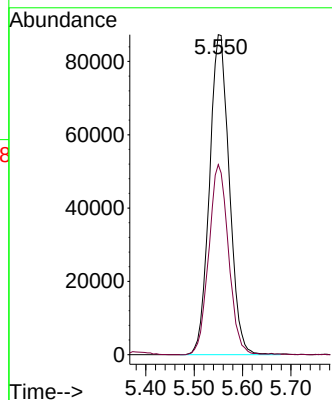
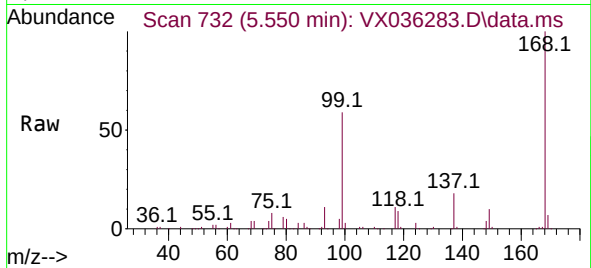
VSTDIC001

Tgt Ion:168 Resp: 247870
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0

Manual Integrations

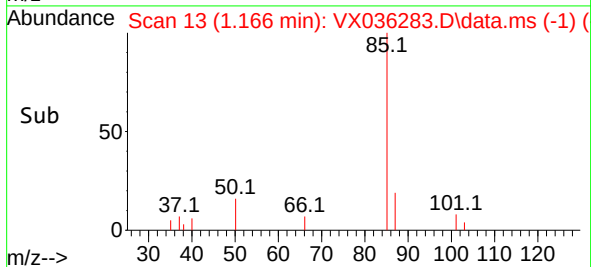
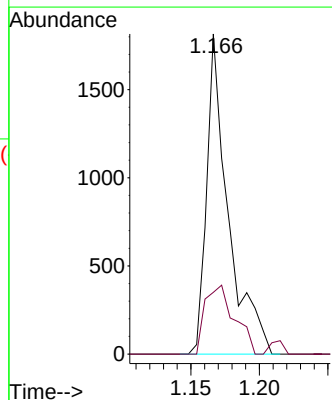
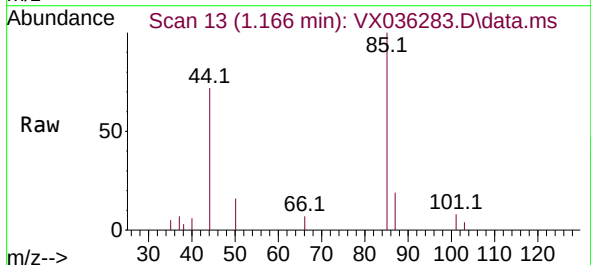
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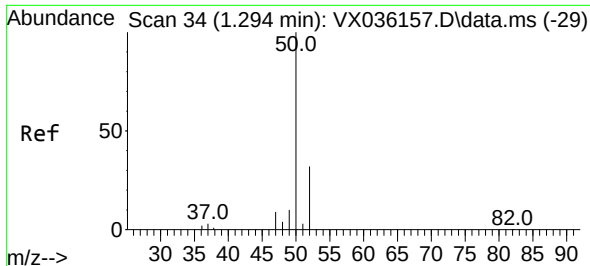
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 0.867 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

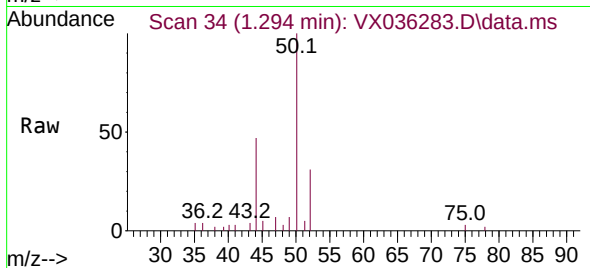
Tgt Ion: 85 Resp: 1981
Ion Ratio Lower Upper
85 100
87 19.3 16.7 50.1





#3
Chloromethane
Concen: 1.036 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

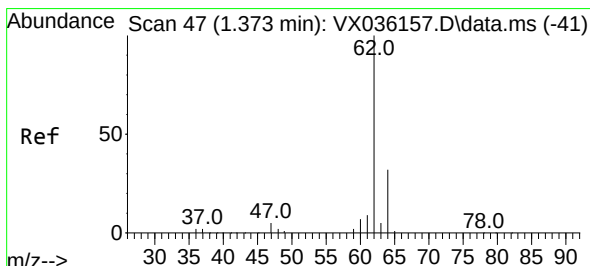
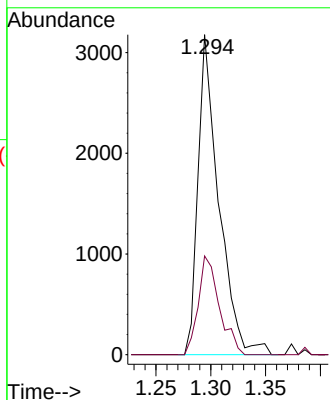
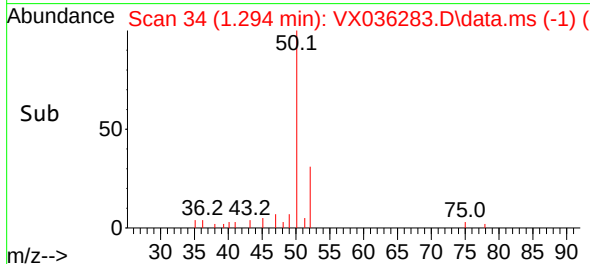
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



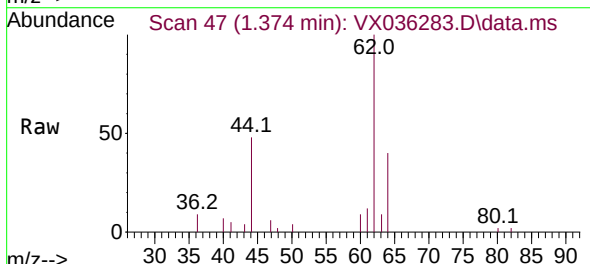
Tgt Ion: 50 Resp: 4198
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

Manual Integrations
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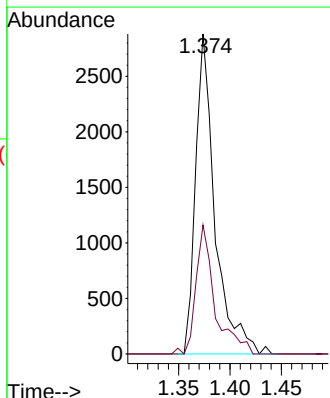
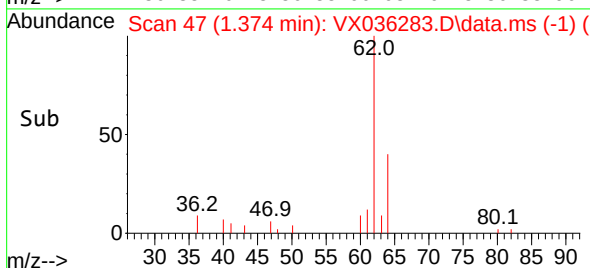
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

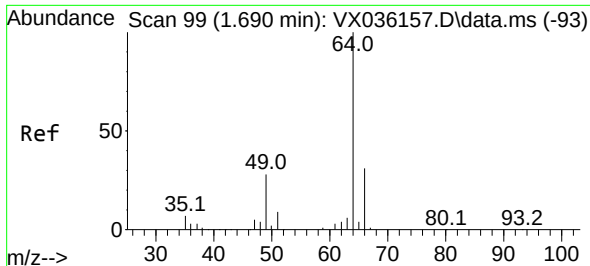


#4
Vinyl Chloride
Concen: 0.875 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



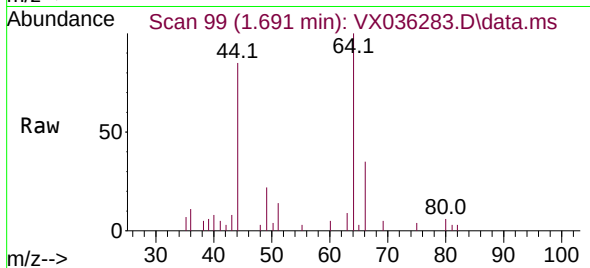
Tgt Ion: 62 Resp: 3779
Ion Ratio Lower Upper
62 100
64 40.3 25.4 38.0#





#6
Chloroethane
Concen: 0.862 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

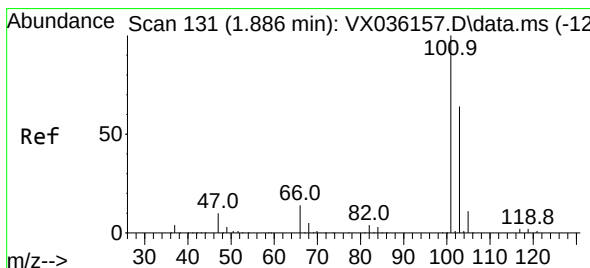
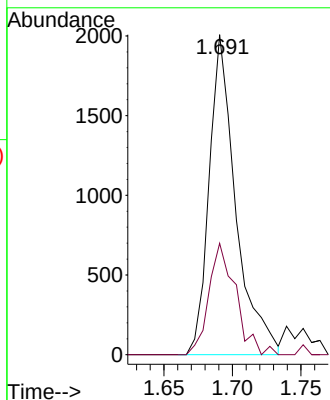
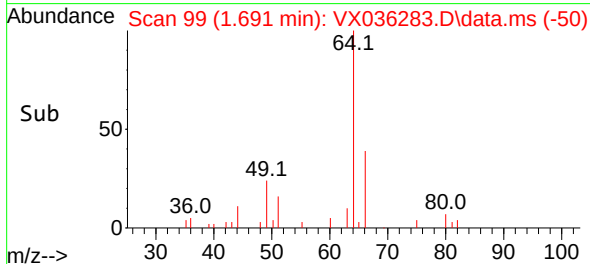
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 2709
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7

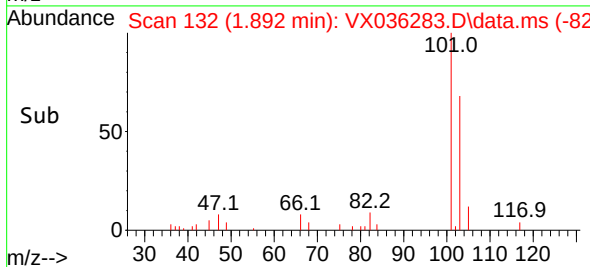
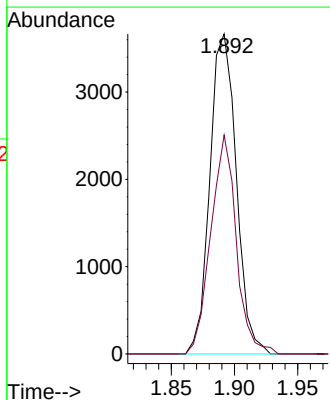
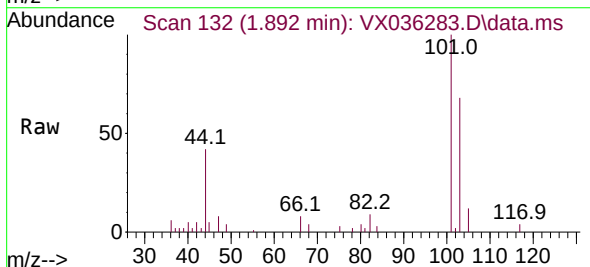
Manual Integrations
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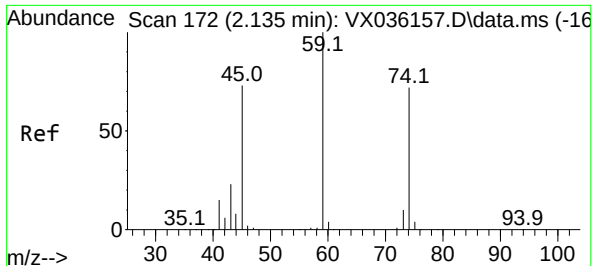
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#7
Trichlorofluoromethane
Concen: 0.811 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

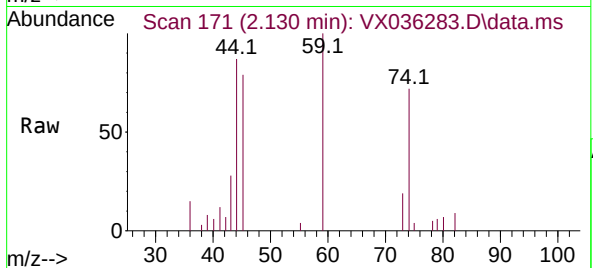
Tgt Ion:101 Resp: 5325
Ion Ratio Lower Upper
101 100
103 68.4 51.4 77.2





#8
Diethyl Ether
Concen: 0.838 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

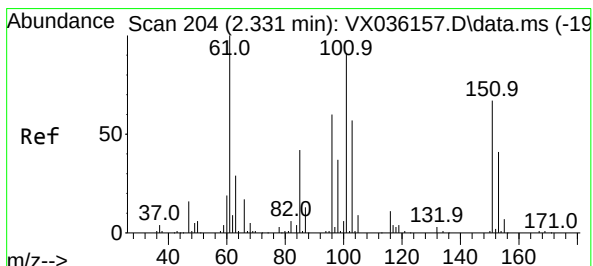
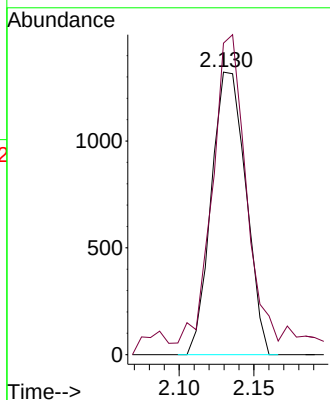
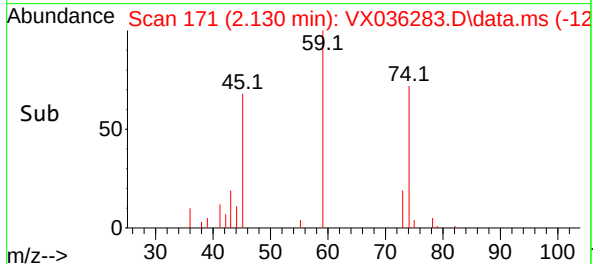
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MSVOA_X
ClientSampleId :
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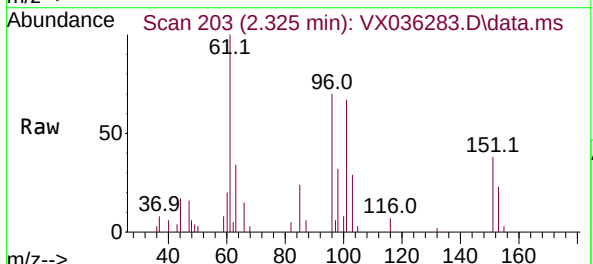
Tgt Ion: 74 Resp: 2124
Ion Ratio Lower Upper
74 100
45 122.5 53.3 159.8

Manual Integrations
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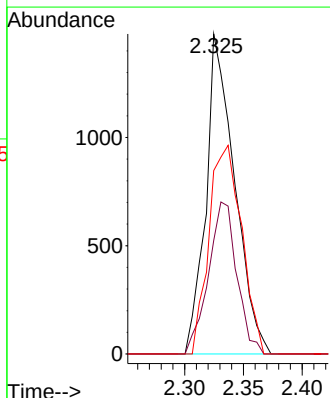
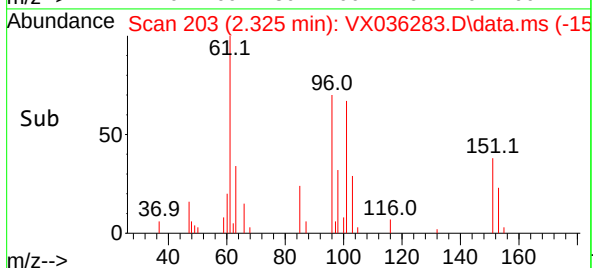
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

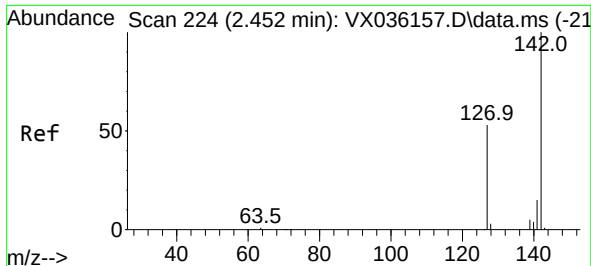


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.891 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



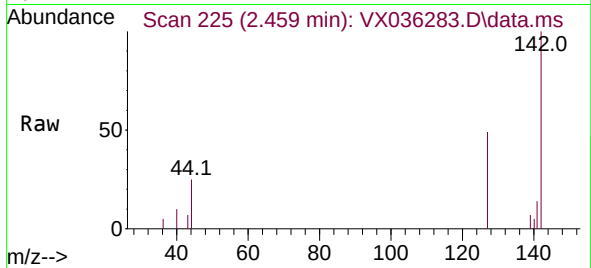
Tgt Ion:101 Resp: 2512
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 73.9 58.6 87.8





#10
Methyl Iodide
Concen: 0.688 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

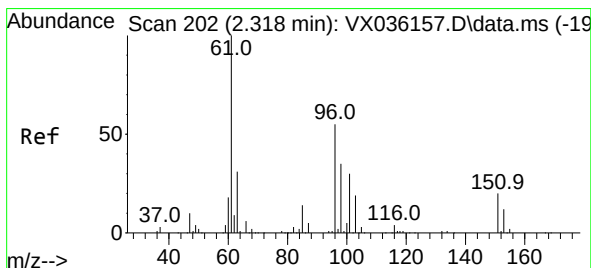
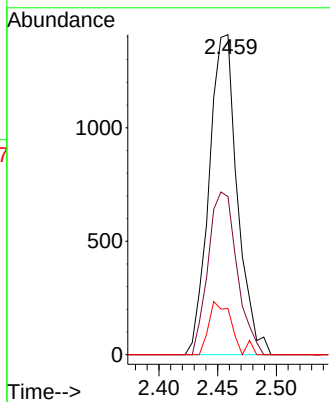
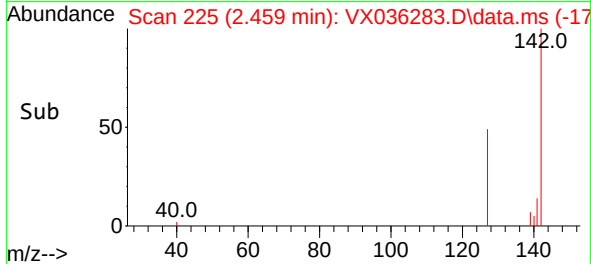
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:142 Resp: 2369
Ion Ratio Lower Upper
142 100
127 51.9 41.6 62.4
141 13.5 11.6 17.4

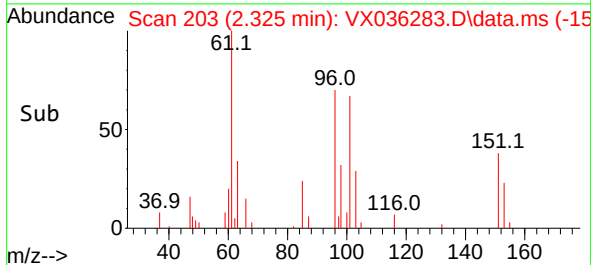
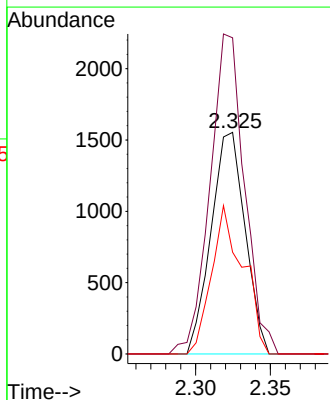
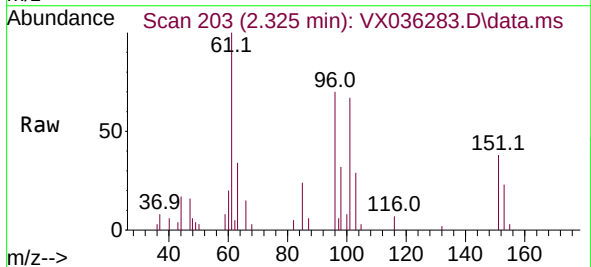
Manual Integrations
APPROVED

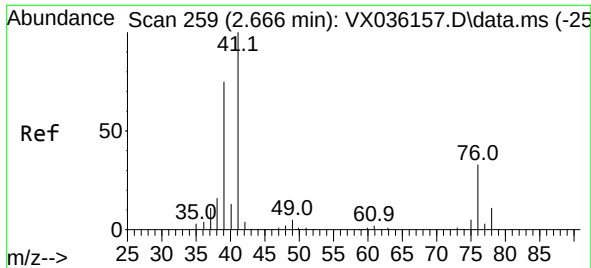
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
1,1-Dichloroethene
Concen: 0.890 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 96 Resp: 2461
Ion Ratio Lower Upper
96 100
61 142.7 144.6 216.8#
98 45.9 50.4 75.6#





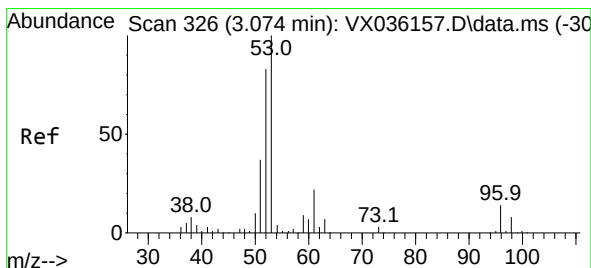
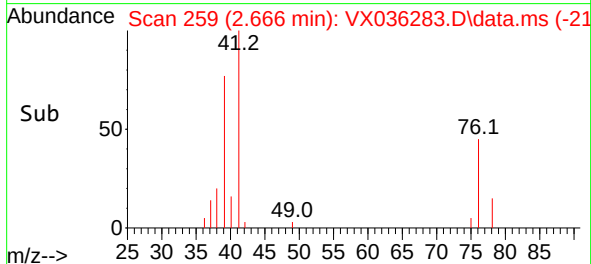
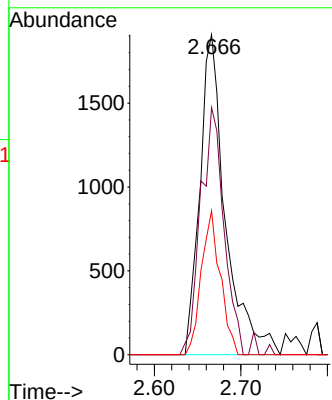
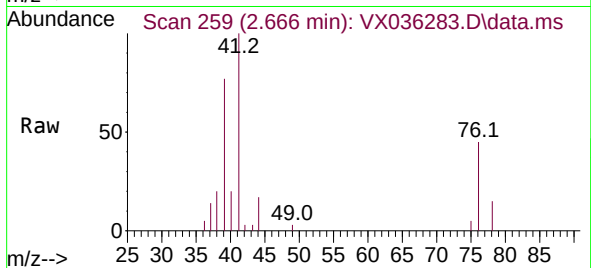
#14
 Allyl chloride
 Concen: 0.872 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41	Resp: 3908
Ion Ratio	Lower Upper
41 100	
39 70.1	55.8 83.6
76 33.5	24.3 36.5

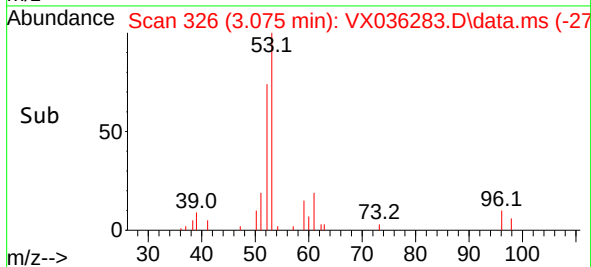
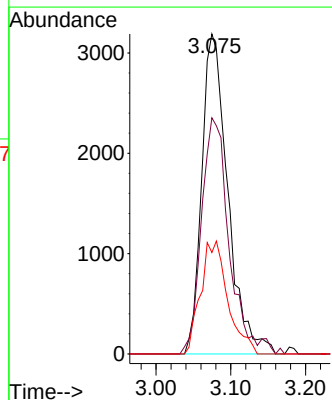
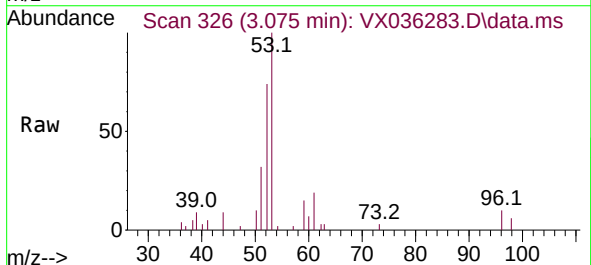
Manual Integrations
 APPROVED

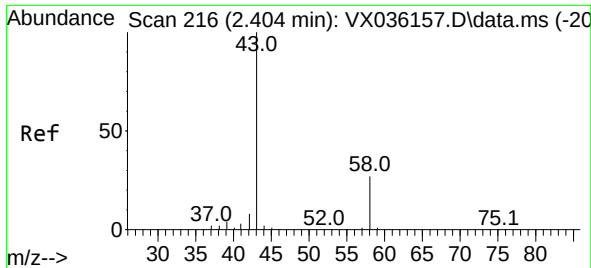
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#15
 Acrylonitrile
 Concen: 4.711 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.001 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Tgt Ion: 53	Resp: 7728
Ion Ratio	Lower Upper
53 100	
52 76.1	66.0 99.0
51 36.7	29.8 44.6





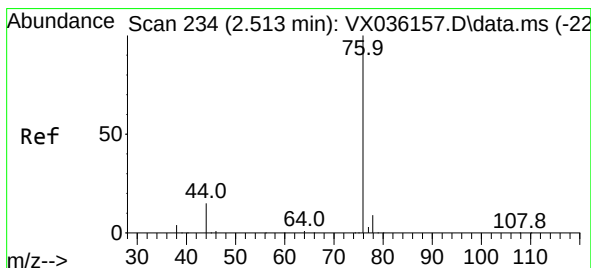
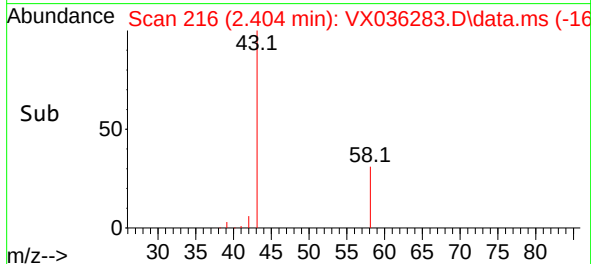
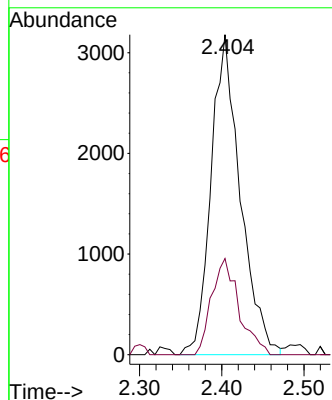
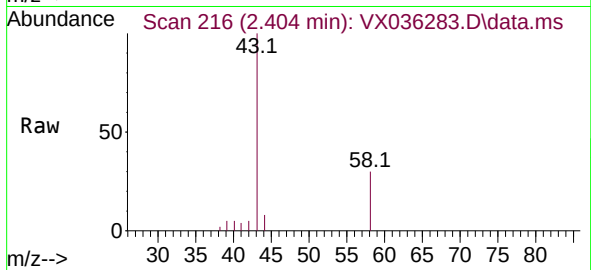
#16
Acetone
Concen: 5.354 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

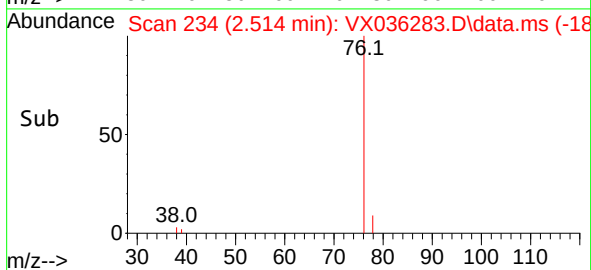
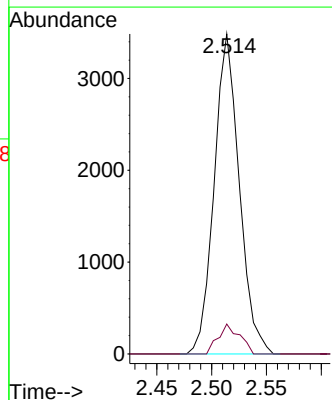
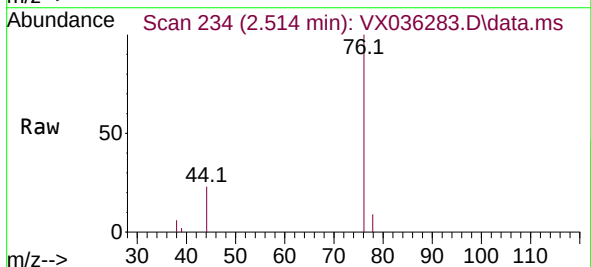
Manual Integrations
APPROVED

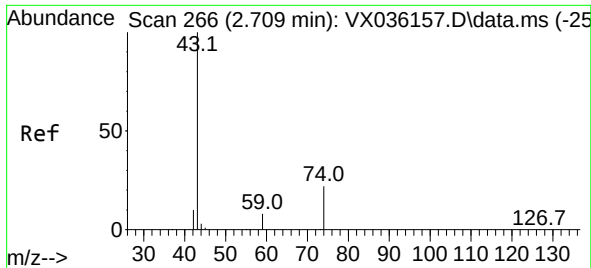
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#17
Carbon Disulfide
Concen: 0.859 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 76 Resp: 5547
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6





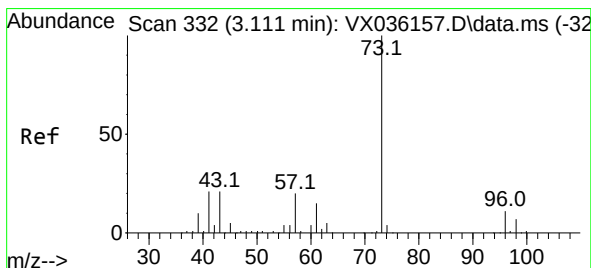
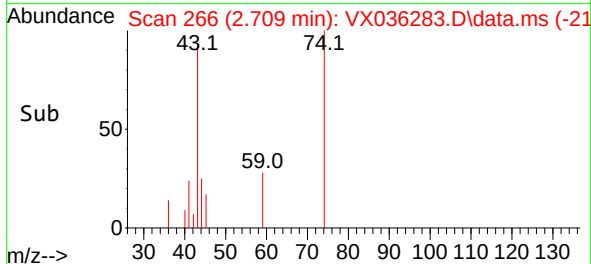
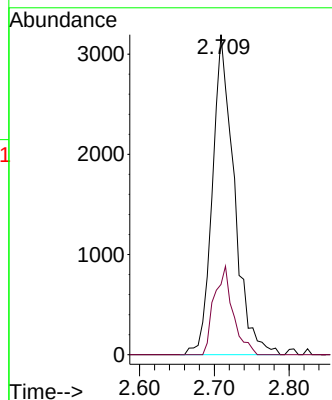
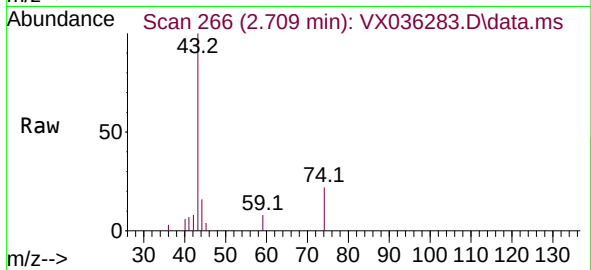
#18
Methyl Acetate
Concen: 1.020 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8

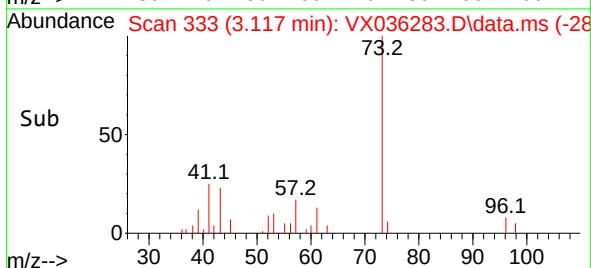
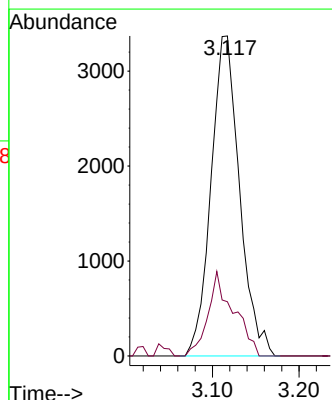
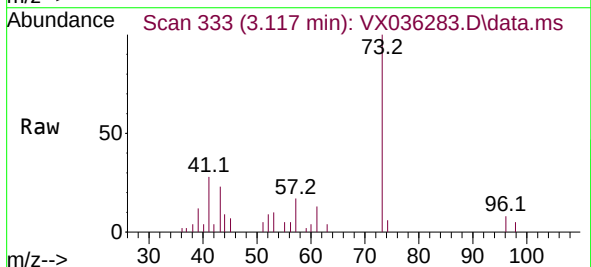
Manual Integrations
APPROVED

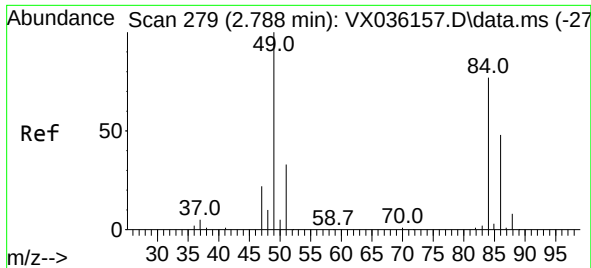
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#19
Methyl tert-butyl Ether
Concen: 0.859 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 73 Resp: 7719
Ion Ratio Lower Upper
73 100
57 17.0 17.3 25.9#





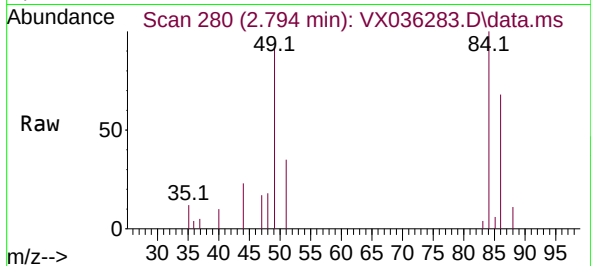
#20
Methylene Chloride
Concen: 1.094 ug/l
RT: 2.794 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

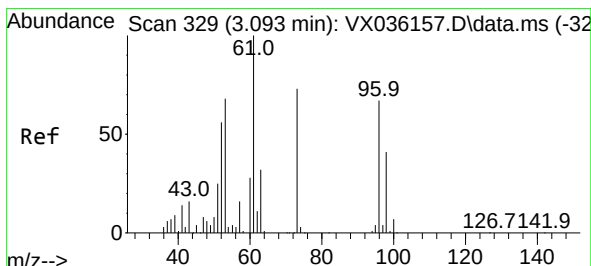
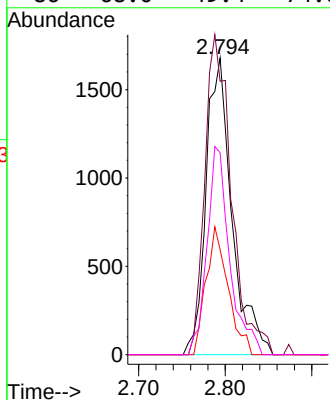
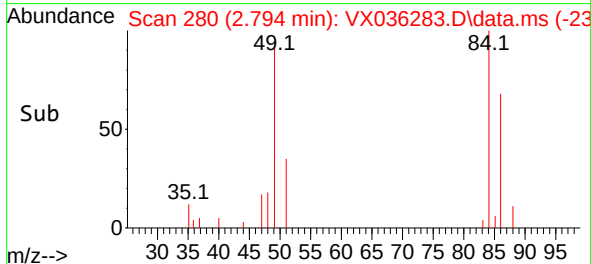


Tgt Ion: 84 Resp: 3502
Ion Ratio Lower Upper
84 100
49 92.1 103.6 155.4
51 35.4 33.8 50.6
86 68.0 49.4 74.0

Manual Integrations

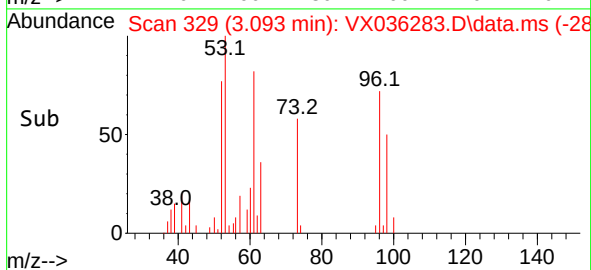
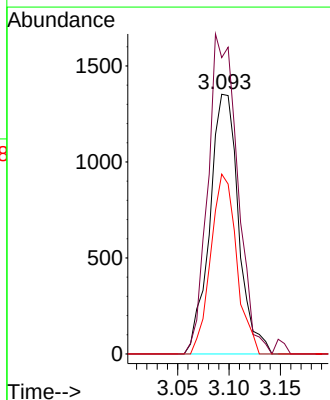
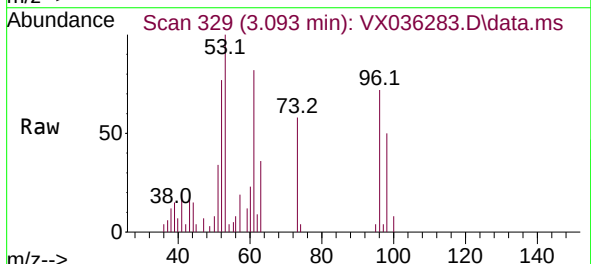
APPROVED

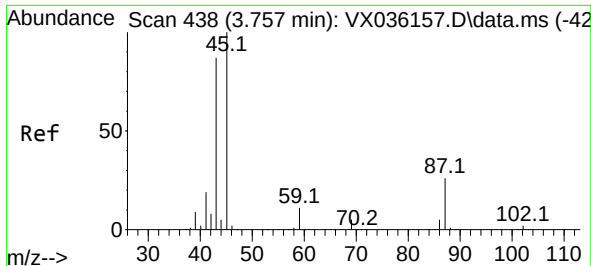
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#21
trans-1,2-Dichloroethene
Concen: 0.912 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

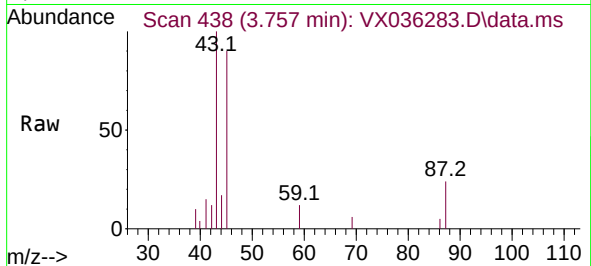
Tgt Ion: 96 Resp: 2635
Ion Ratio Lower Upper
96 100
61 114.1 119.2 178.8
98 69.3 48.7 73.1





#22
Diisopropyl ether
Concen: 0.905 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

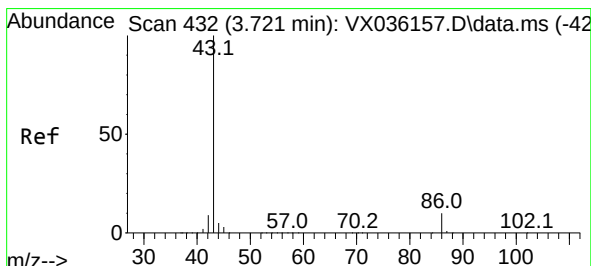
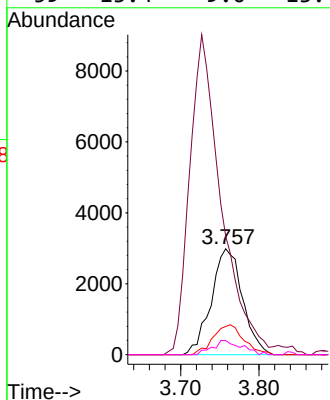
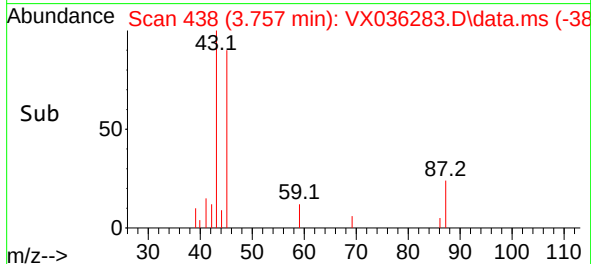
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



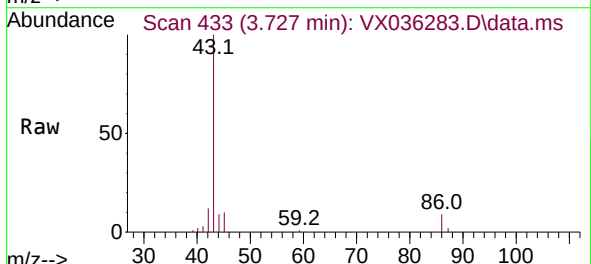
Tgt Ion: 45 Resp: 8264
Ion Ratio Lower Upper
45 100
43 102.9 69.7 104.5
87 26.6 20.8 31.2
59 13.4 9.0 13.4

Manual Integrations
APPROVED

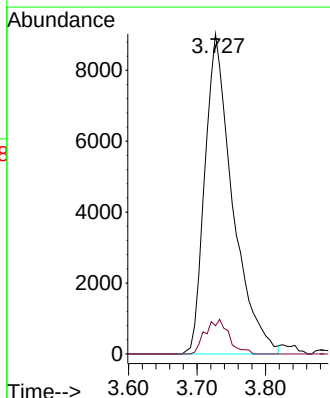
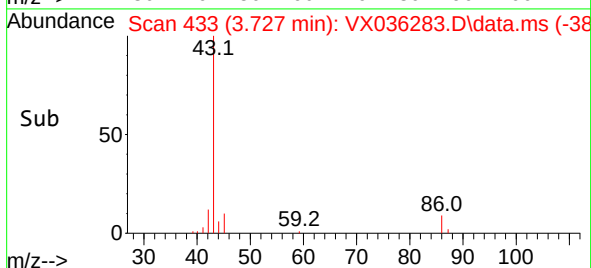
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

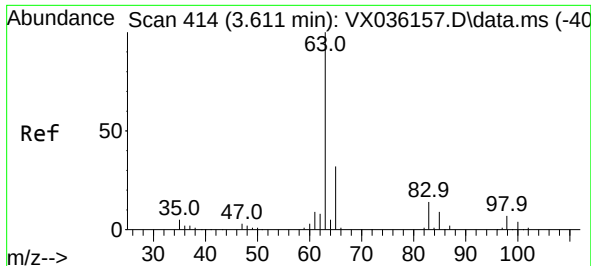


#23
Vinyl Acetate
Concen: 3.896 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



Tgt Ion: 43 Resp: 25397
Ion Ratio Lower Upper
43 100
86 8.8 7.8 11.8





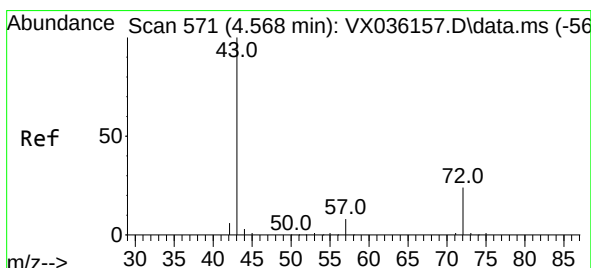
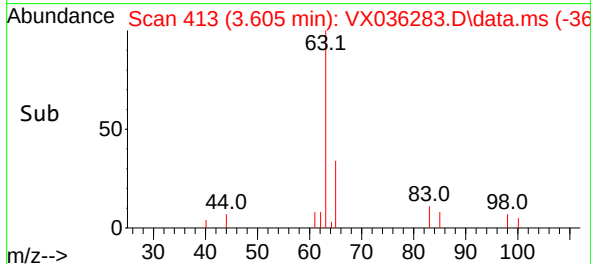
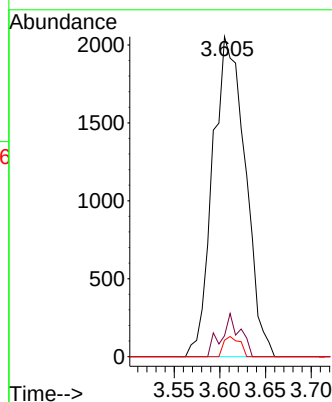
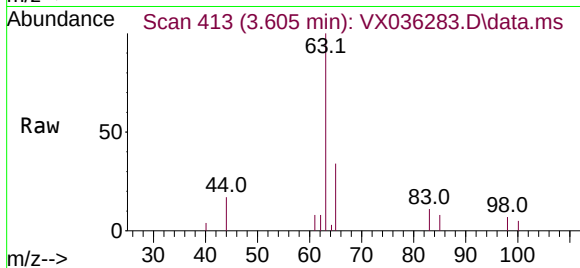
#24
1,1-Dichloroethane
Concen: 0.942 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 508
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.8
100 5.1 2.1 6.5

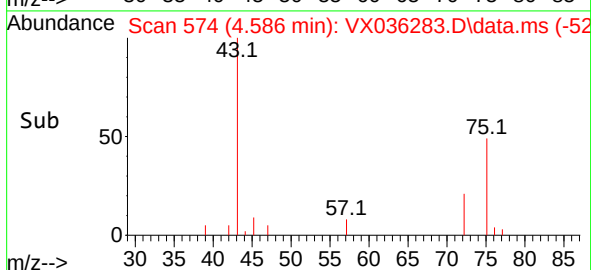
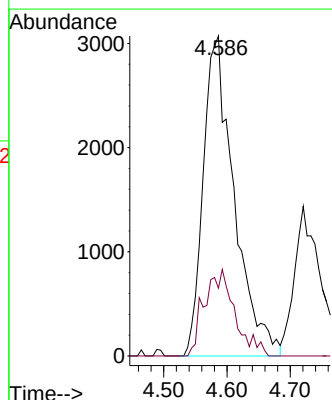
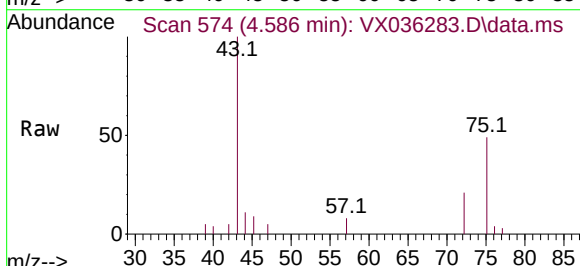
Manual Integrations
APPROVED

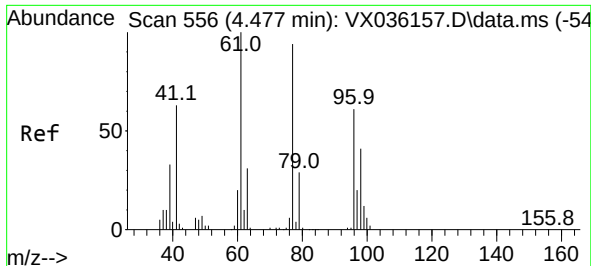
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#25
2-Butanone
Concen: 4.798 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 43 Resp: 10427
Ion Ratio Lower Upper
43 100
72 21.2 19.4 29.2





#26

2,2-Dichloropropane

Concen: 0.828 ug/l

RT: 4.483 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 77 Resp: 311

Ion Ratio Lower Upper

77 100

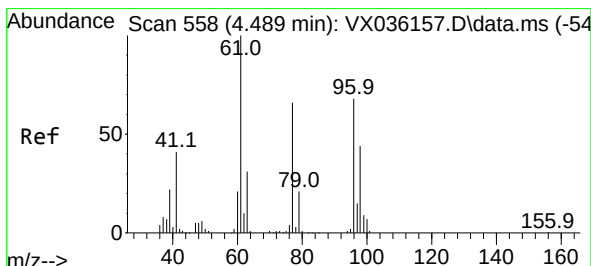
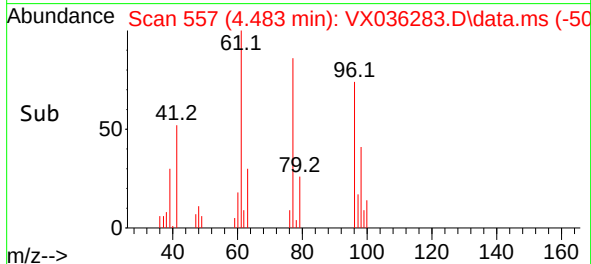
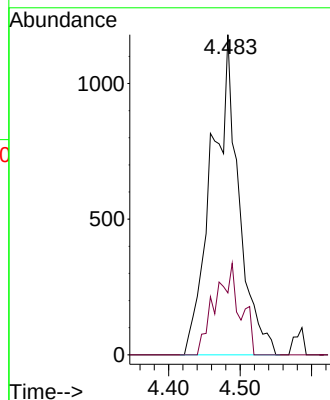
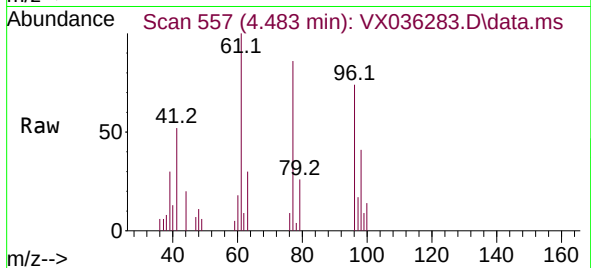
97 26.3 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#27

cis-1,2-Dichloroethene

Concen: 0.926 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

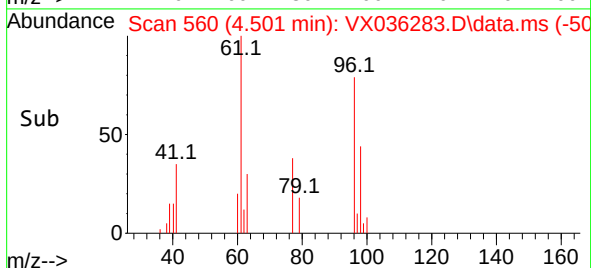
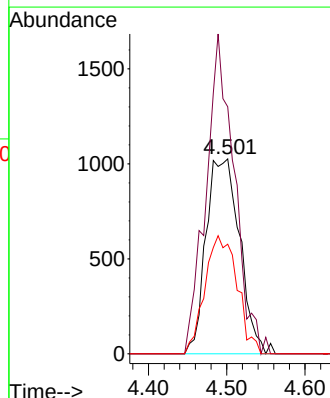
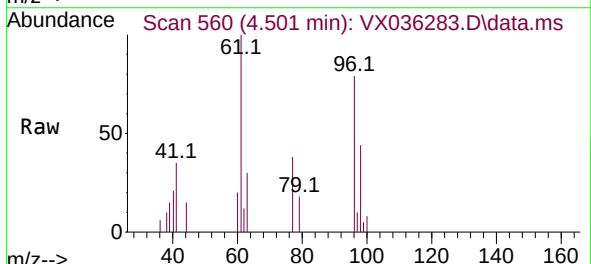
Tgt Ion: 96 Resp: 3075

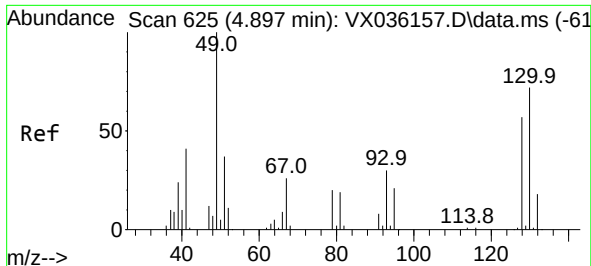
Ion Ratio Lower Upper

96 100

61 137.5 0.0 312.2

98 58.1 0.0 129.0





#28

Bromochloromethane

Concen: 1.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

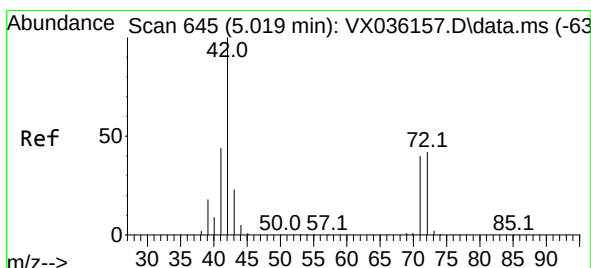
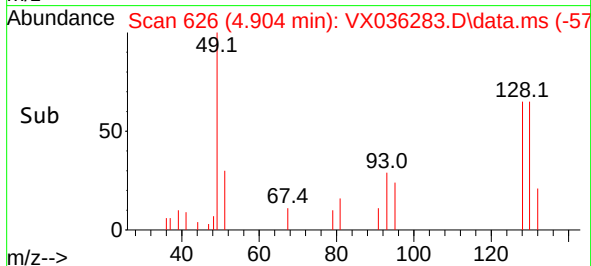
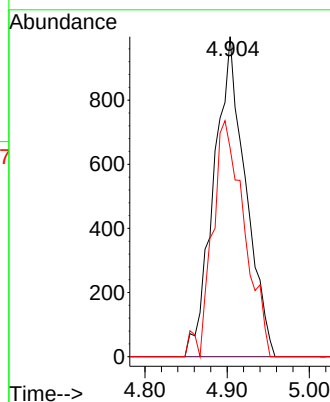
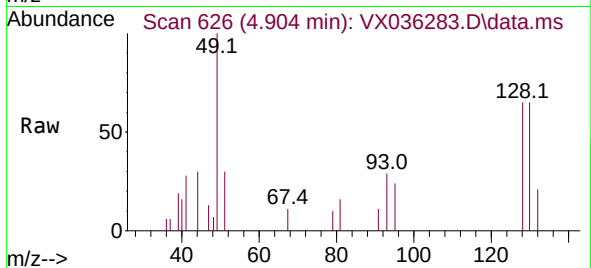
Tgt Ion: 49	Resp: 266
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 74.7	57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#29

Tetrahydrofuran

Concen: 4.788 ug/l

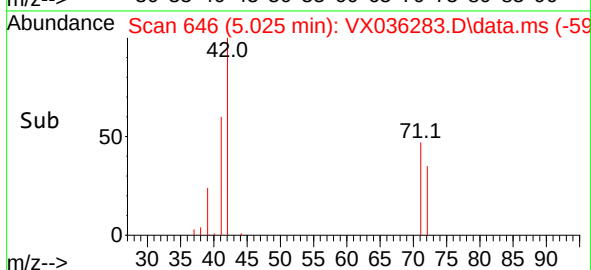
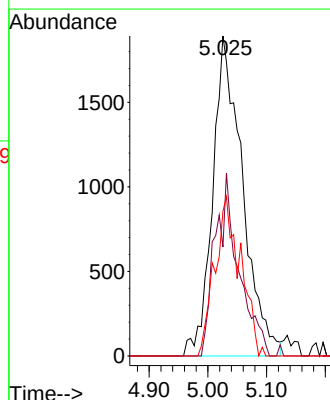
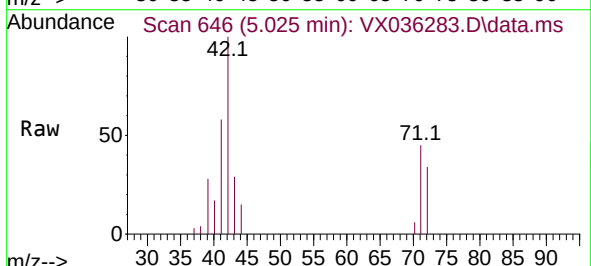
RT: 5.025 min Scan# 646

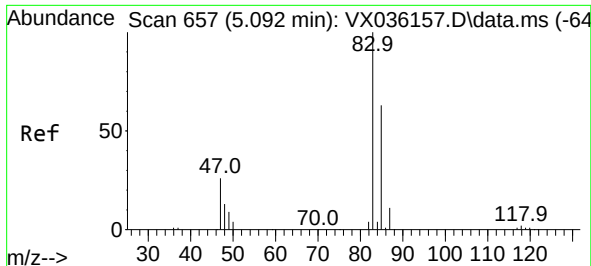
Delta R.T. 0.006 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion: 42	Resp: 6682
Ion Ratio	Lower Upper
42 100	
72 45.4	34.2 51.4
71 42.8	32.2 48.2





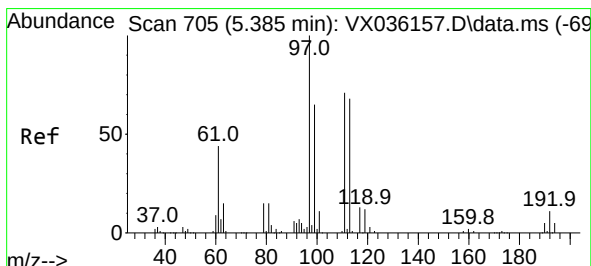
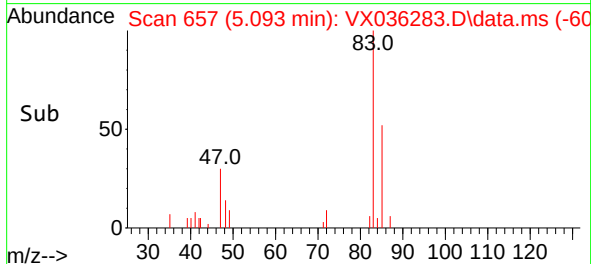
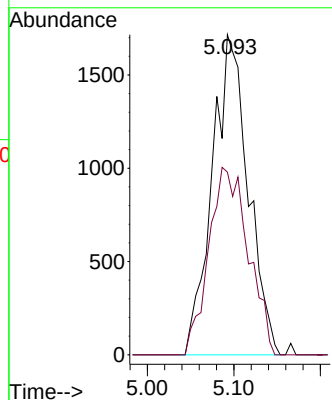
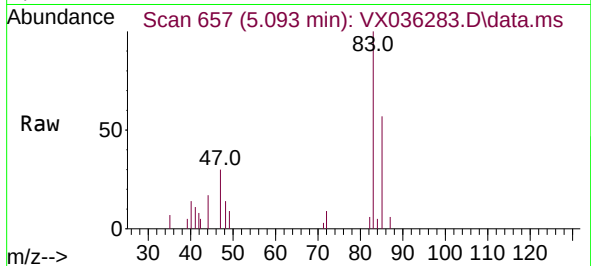
#30
Chloroform
Concen: 0.919 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
85 57.1 50.3 75.5

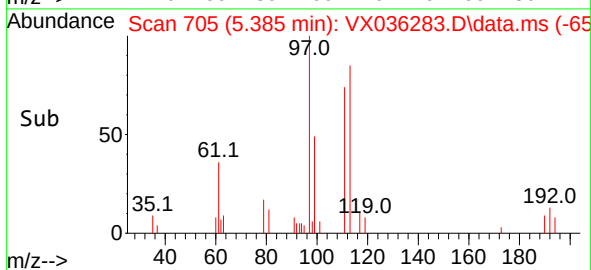
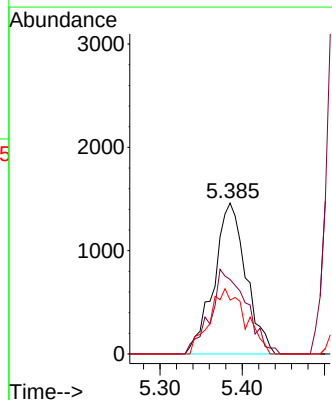
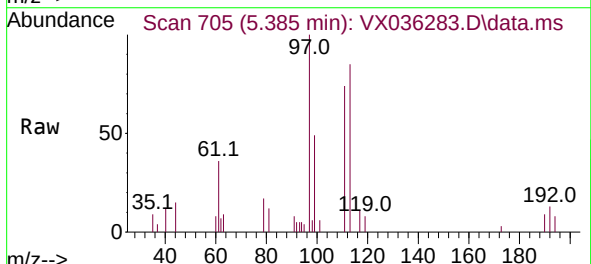
Manual Integrations
APPROVED

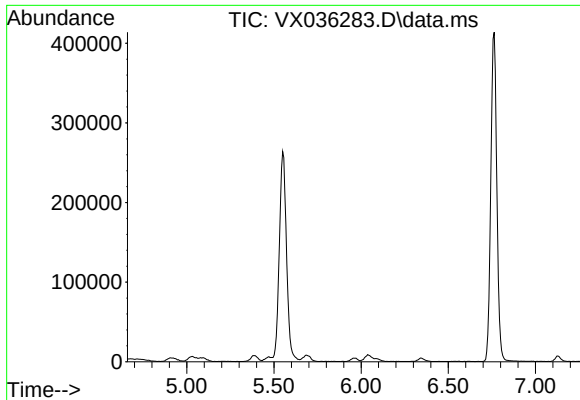
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 0.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 97 Resp: 3938
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 48.9 36.4 54.6





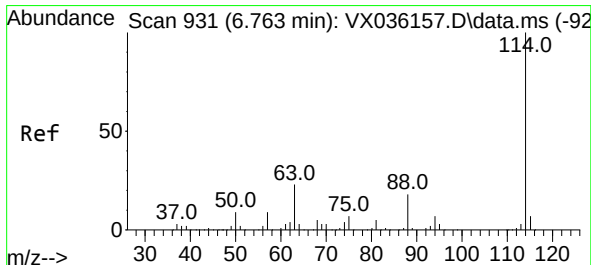
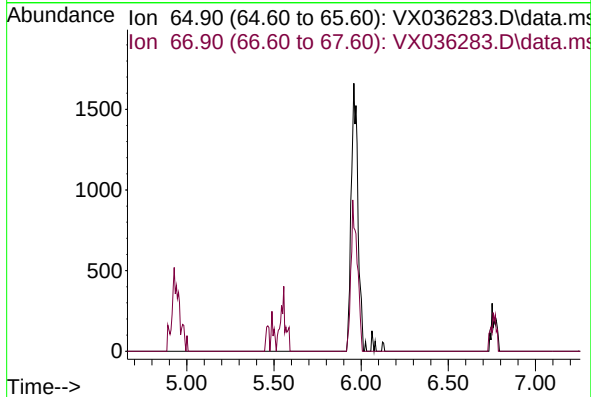
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.96 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 50.1

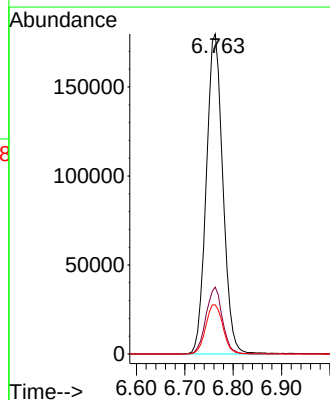
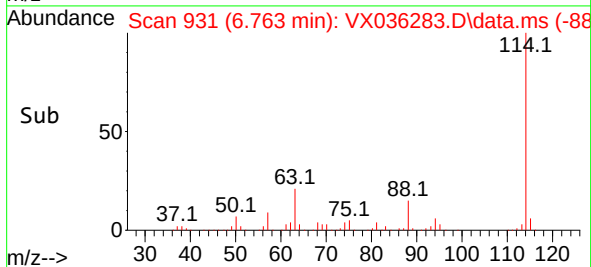
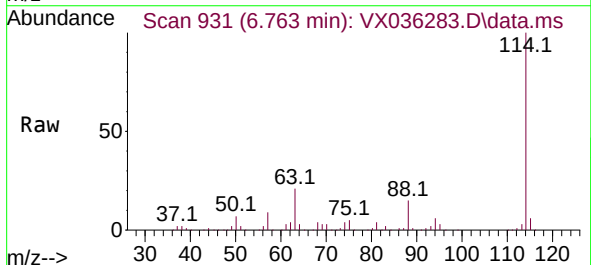
Manual Integrations
 APPROVED

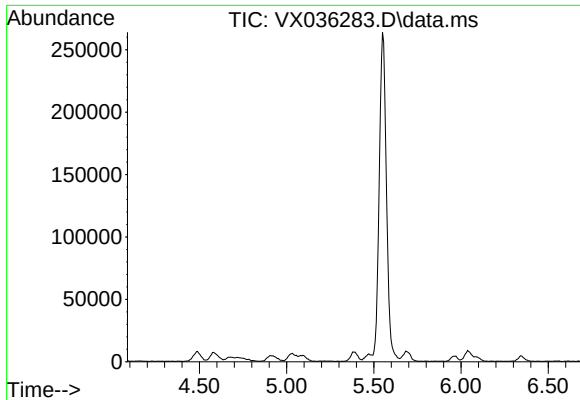
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Tgt Ion:114 Resp: 428202
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 15.3 0.0 36.6





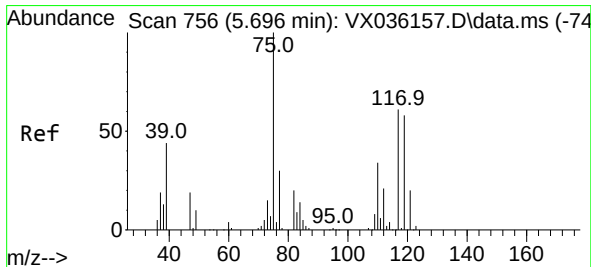
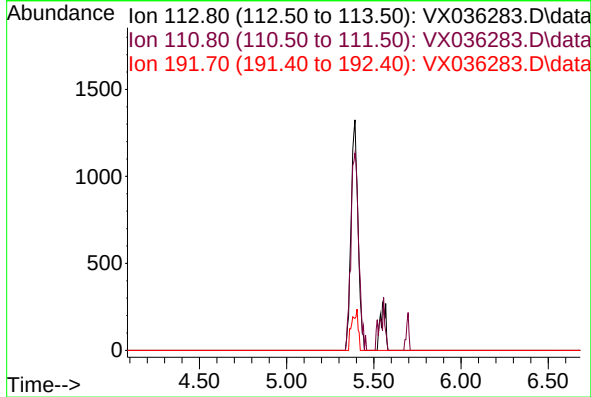
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.38 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

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

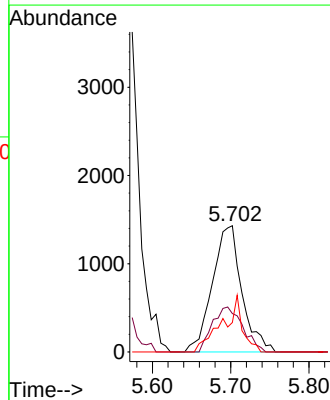
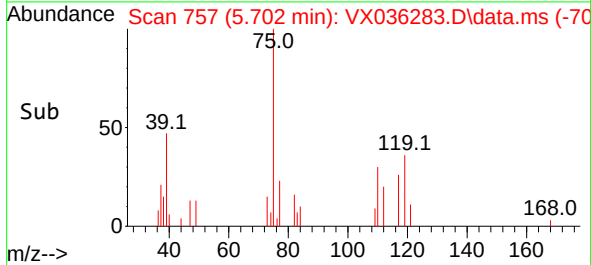
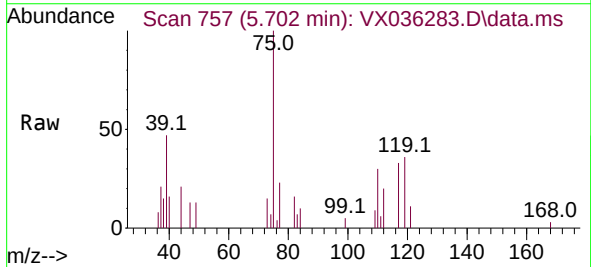
Manual Integrations
 APPROVED

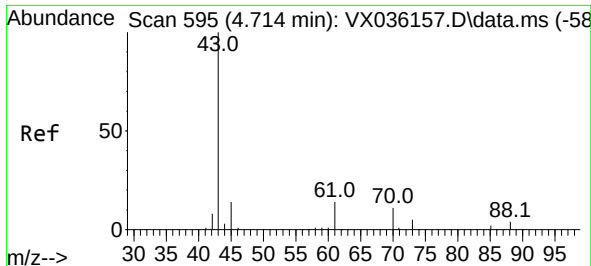
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#36
 1,1-Dichloropropene
 Concen: 0.927 ug/l
 RT: 5.702 min Scan# 757
 Delta R.T. 0.006 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Tgt Ion: 75 Resp: 3748
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.0 50.9
 77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 0.972 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.007 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

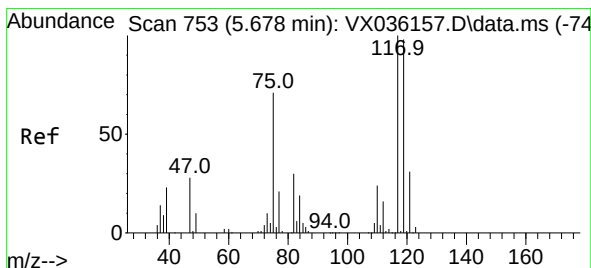
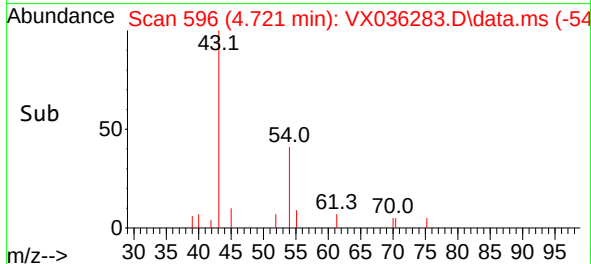
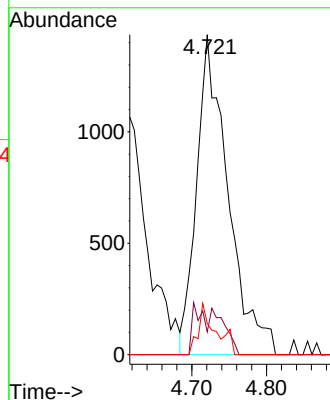
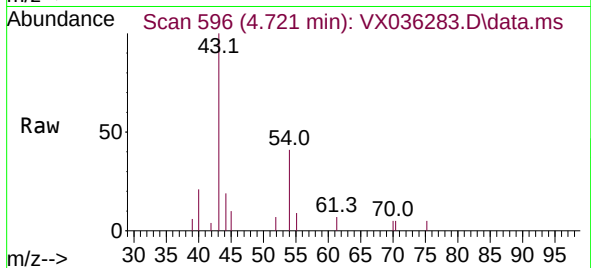
Tgt Ion: 43	Resp: 417
Ion Ratio	Lower Upper
43 100	
61 7.1	10.6 16.0
70 8.8	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#38

Carbon Tetrachloride

Concen: 0.893 ug/l

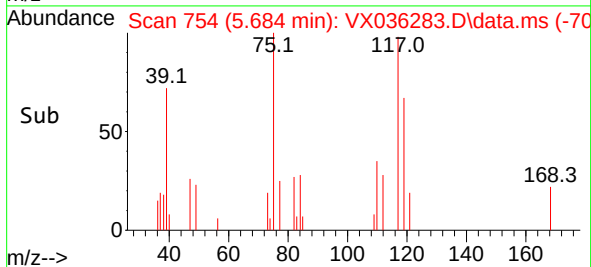
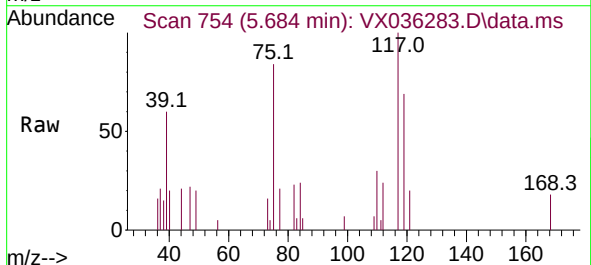
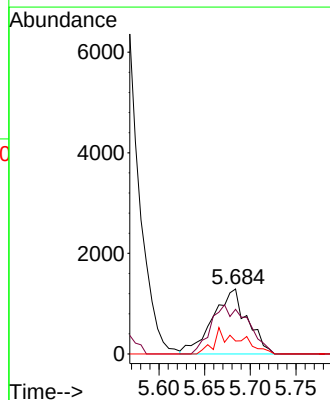
RT: 5.684 min Scan# 754

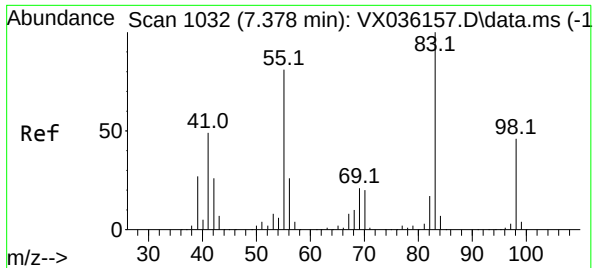
Delta R.T. 0.006 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion: 117	Resp: 3403
Ion Ratio	Lower Upper
117 100	
119 68.9	78.2 117.2
121 20.1	24.4 36.6





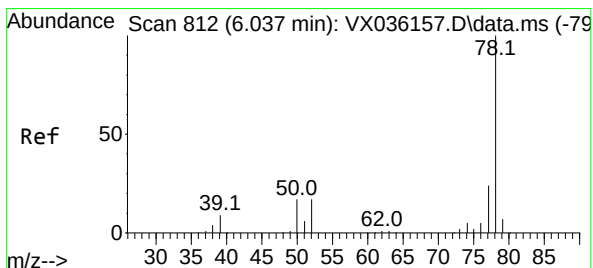
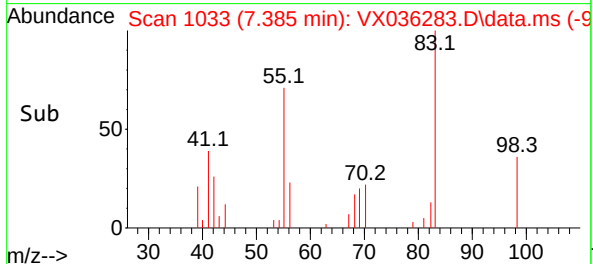
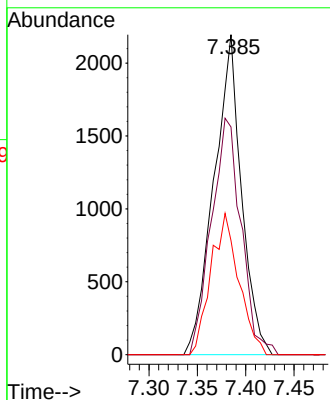
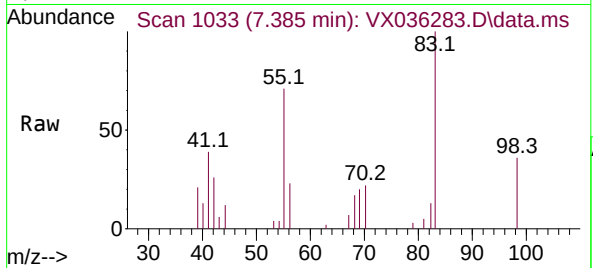
#39
Methylcyclohexane
Concen: 0.887 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 434
Ion Ratio Lower Upper
83 100
55 71.2 64.6 97.0
98 35.7 36.7 55.1

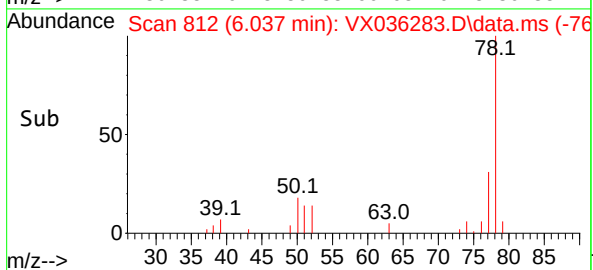
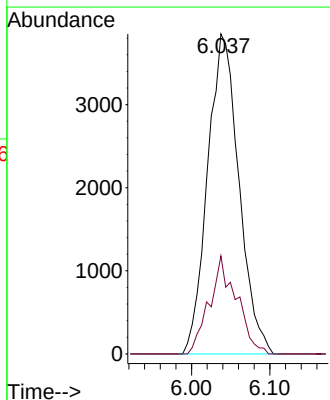
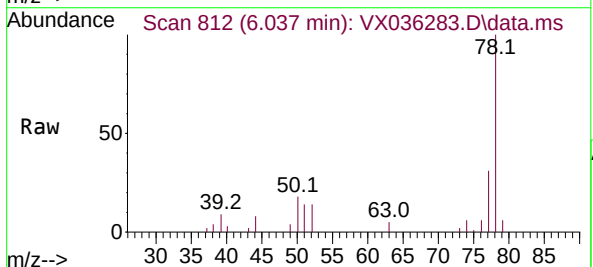
Manual Integrations
APPROVED

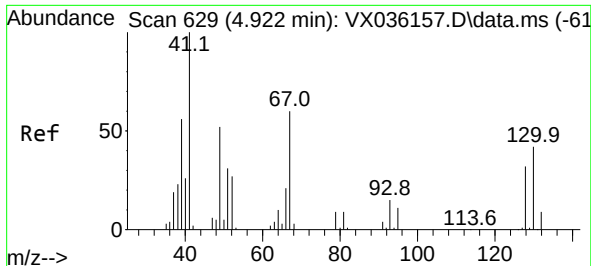
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#40
Benzene
Concen: 0.924 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

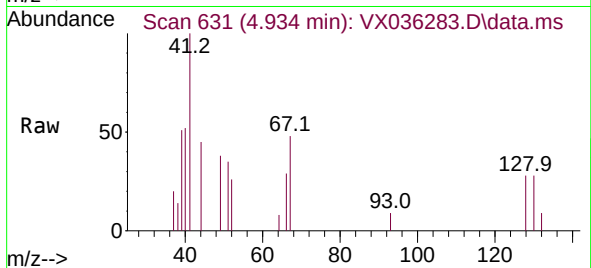
Tgt Ion: 78 Resp: 10693
Ion Ratio Lower Upper
78 100
77 30.6 19.3 28.9





#41
Methacrylonitrile
Concen: 0.974 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

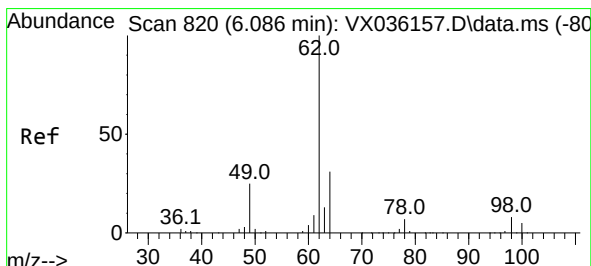
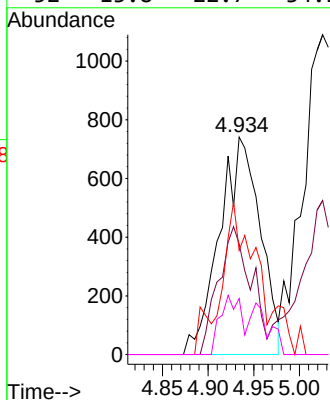
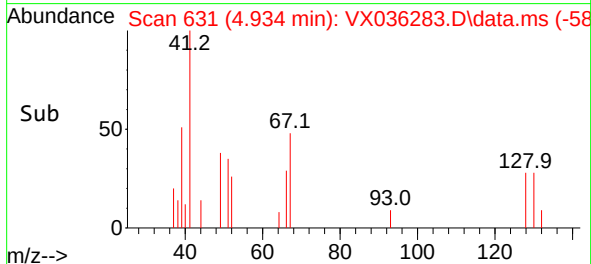
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 41 Resp: 230
Ion Ratio Lower Upper
41 100
39 47.0 45.2 67.8
67 39.5 52.6 78.8
52 13.8 22.7 34.1#

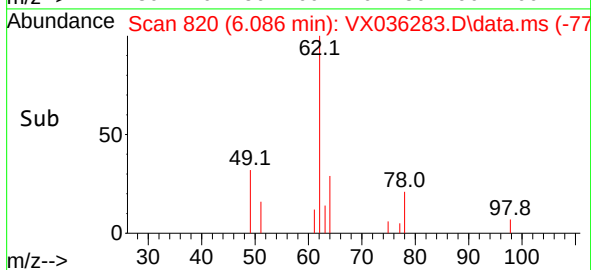
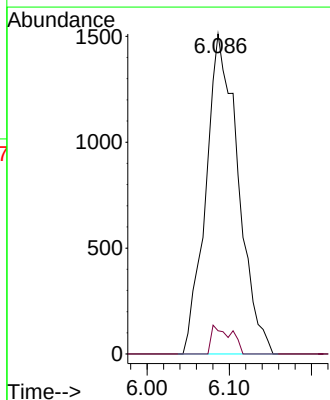
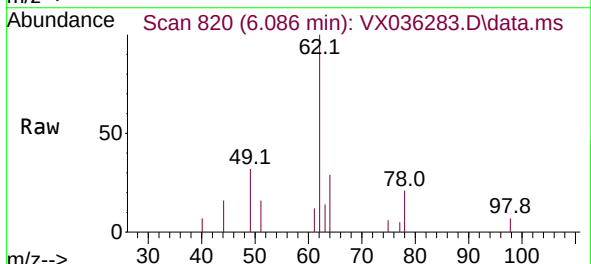
Manual Integrations
APPROVED

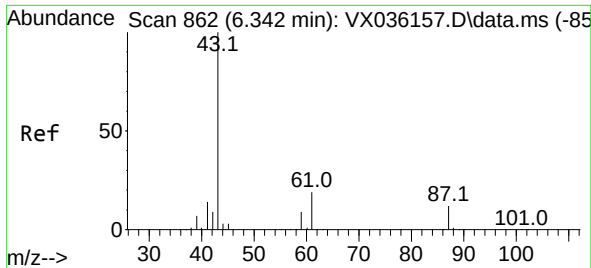
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
1,2-Dichloroethane
Concen: 0.934 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 62 Resp: 4134
Ion Ratio Lower Upper
62 100
98 5.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.863 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

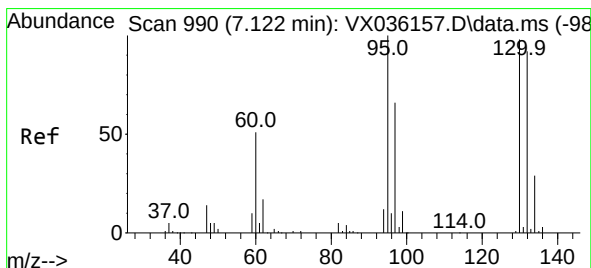
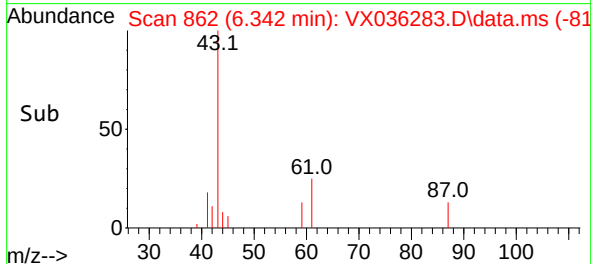
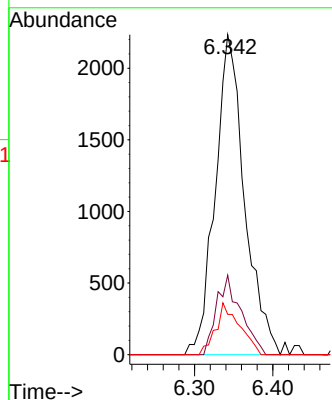
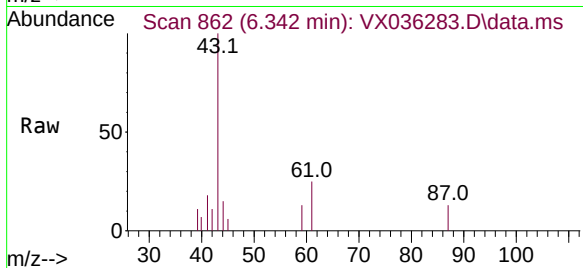
Tgt Ion: 43	Resp: 5820
Ion Ratio	Lower Upper
43 100	
61 20.6	15.2 22.8
87 13.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#44

Trichloroethene

Concen: 0.937 ug/l

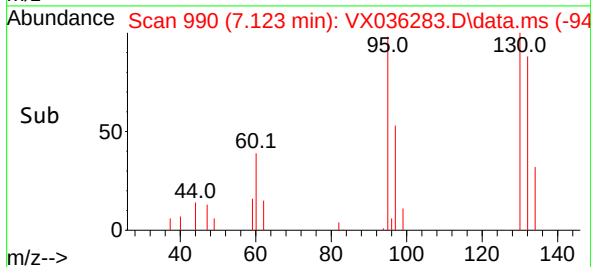
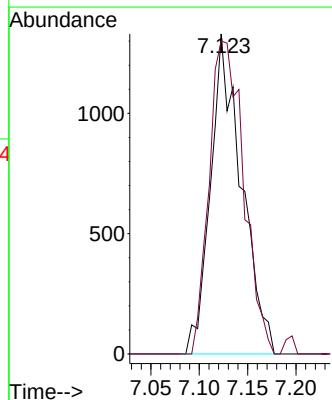
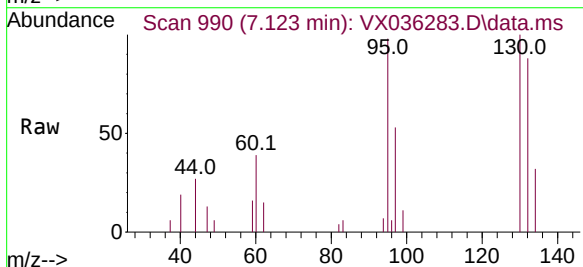
RT: 7.123 min Scan# 990

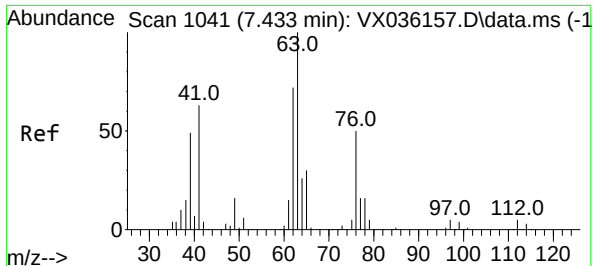
Delta R.T. 0.001 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion:130	Resp: 2958
Ion Ratio	Lower Upper
130 100	
95 97.8	0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.955 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 304

Ion Ratio Lower Upper

63 100

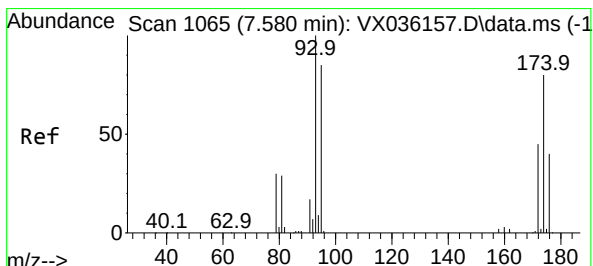
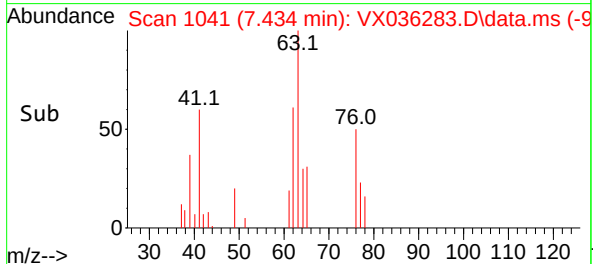
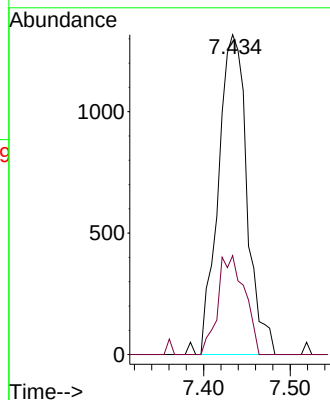
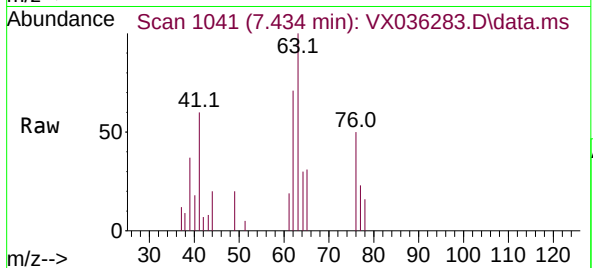
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#46

Dibromomethane

Concen: 0.864 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

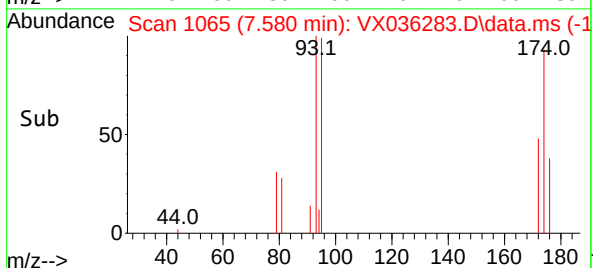
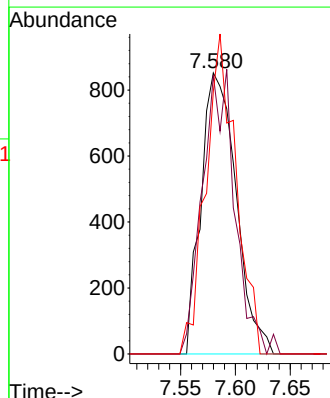
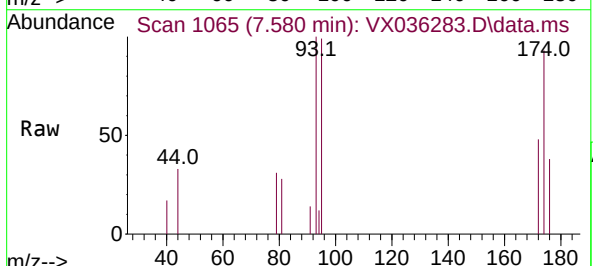
Tgt Ion: 93 Resp: 1901

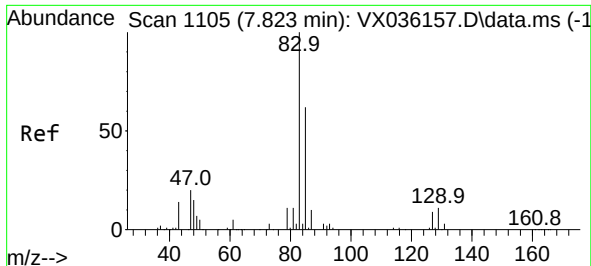
Ion Ratio Lower Upper

93 100

95 93.6 66.6 100.0

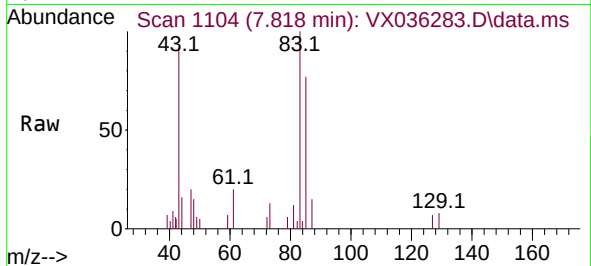
174 97.9 69.4 104.0





#47
Bromodichloromethane
Concen: 0.784 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

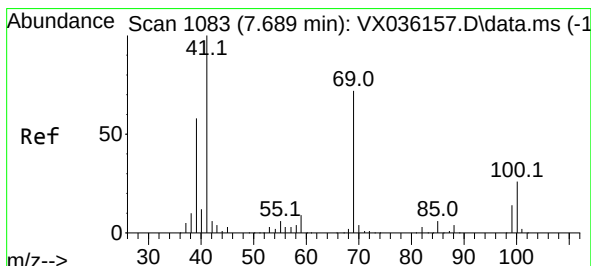
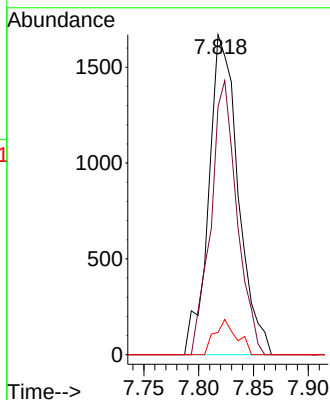
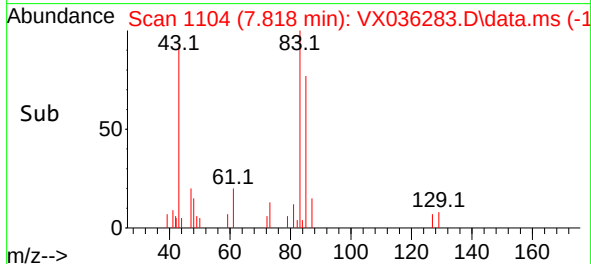
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 83 Resp: 3128
Ion Ratio Lower Upper
83 100
85 77.5 49.8 74.6
127 6.9 7.1 10.7

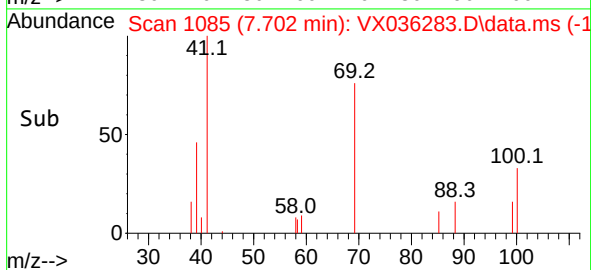
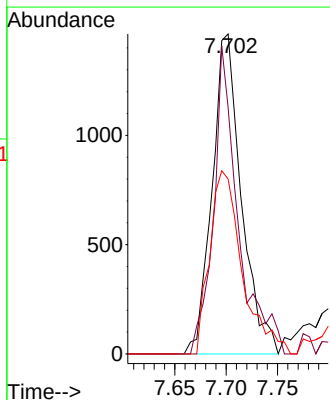
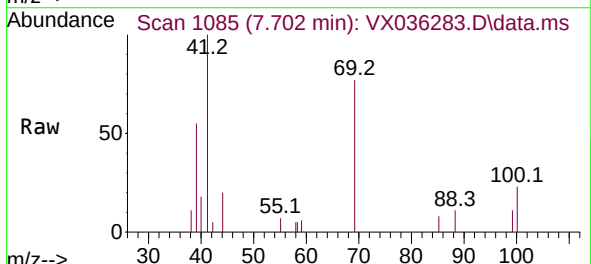
Manual Integrations
APPROVED

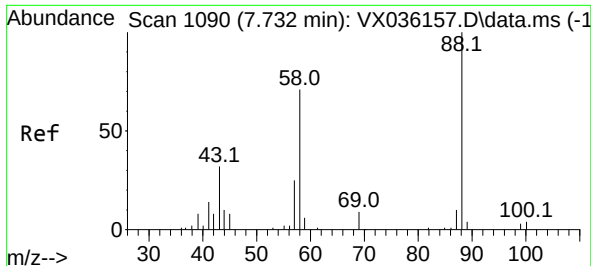
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
Methyl methacrylate
Concen: 0.860 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.013 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 41 Resp: 2897
Ion Ratio Lower Upper
41 100
69 81.1 59.2 88.8
39 63.6 47.7 71.5





#49

1,4-Dioxane

Concen: 34.477 ug/l

RT: 7.720 min Scan# 1090

Delta R.T. -0.012 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

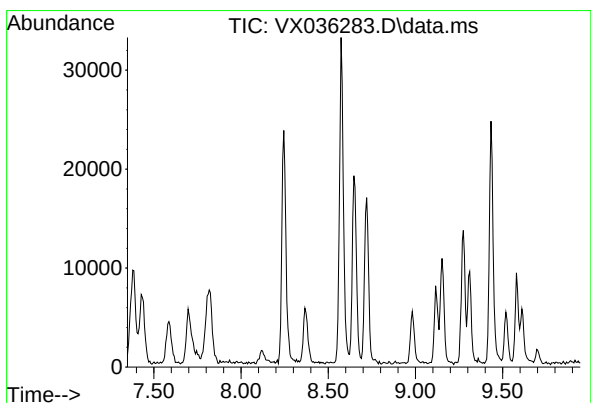
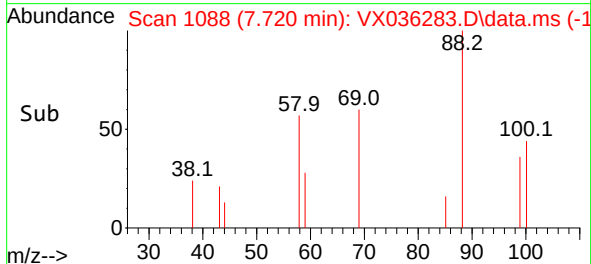
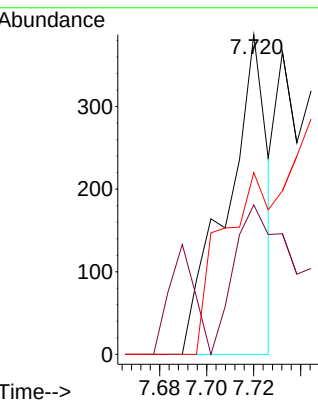
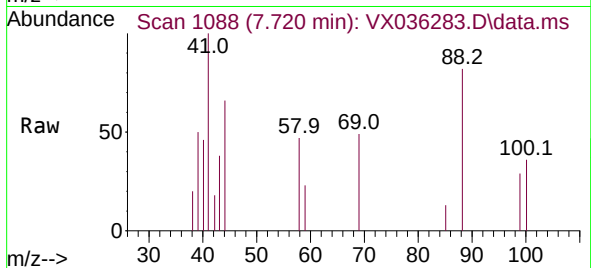
Tgt Ion: 88 Resp: 461
 Ion Ratio Lower Upper
 88 100
 43 60.9 0.0 0.0
 58 0.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 8.65 min

Lab File: VX036283.D

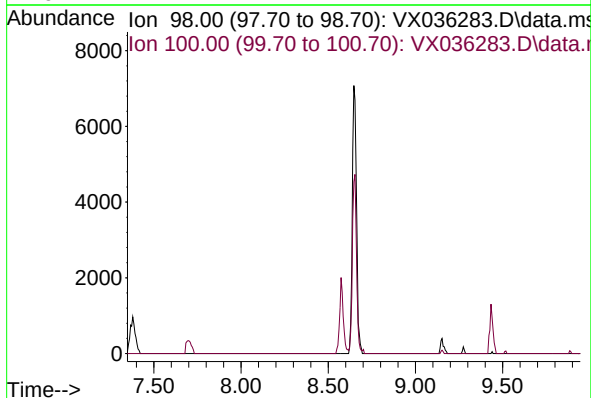
Acq: 23 Jun 2023 10:28

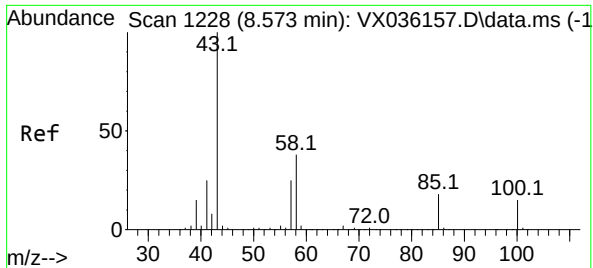
Tgt Ion: 98

Sig Exp Ratio

98 100

100 66.4





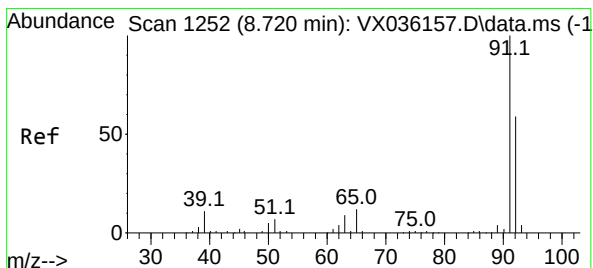
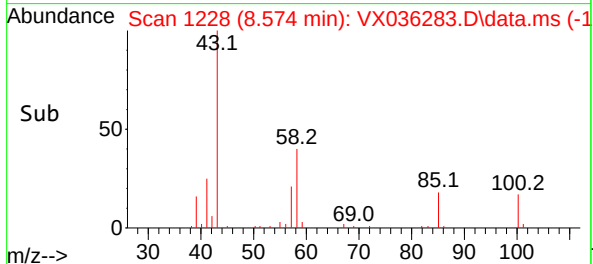
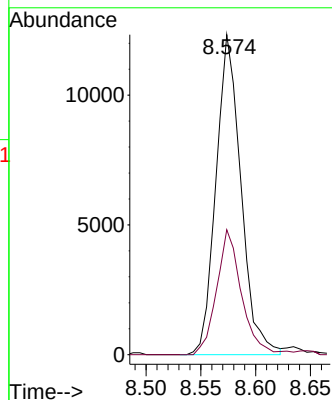
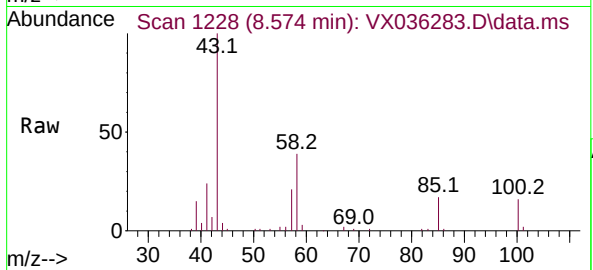
#51
4-Methyl-2-Pentanone
Concen: 4.460 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

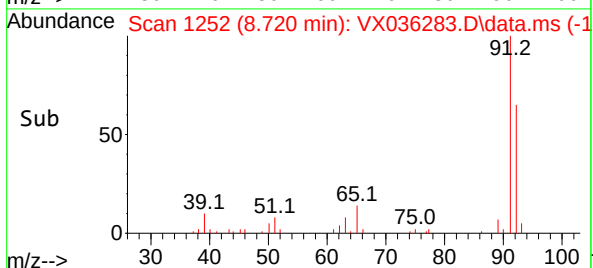
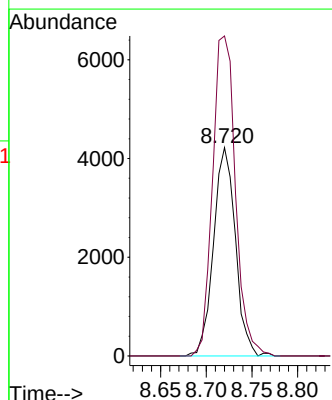
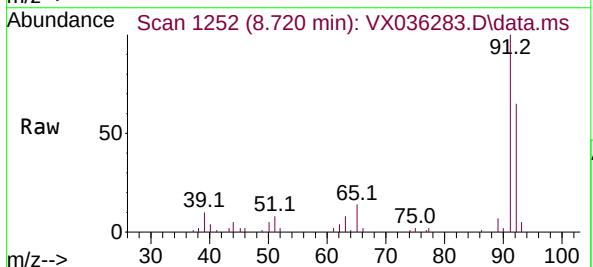
Manual Integrations
APPROVED

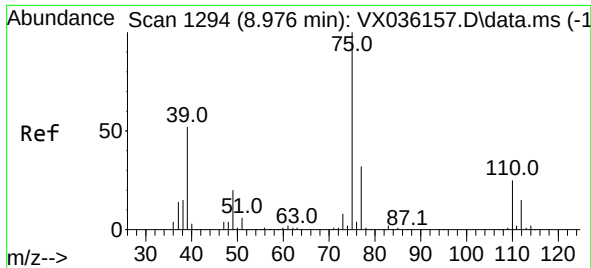
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
Toluene
Concen: 0.949 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 92 Resp: 7038
Ion Ratio Lower Upper
92 100
91 160.5 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 1.608 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

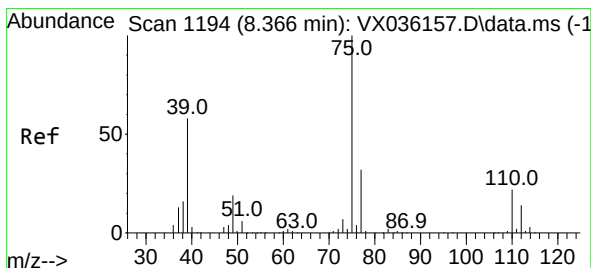
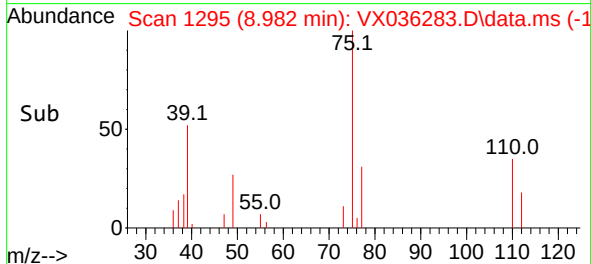
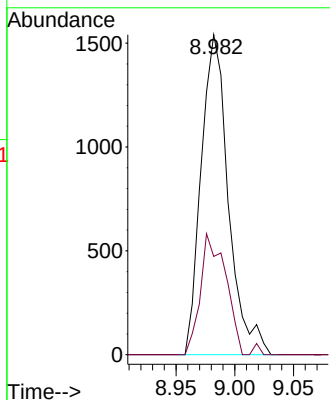
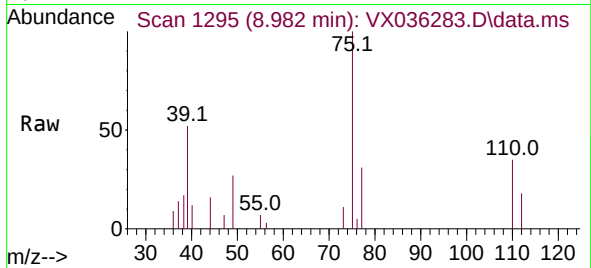
VSTDIC001

Tgt Ion: 75 Resp: 248
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5

Manual Integrations

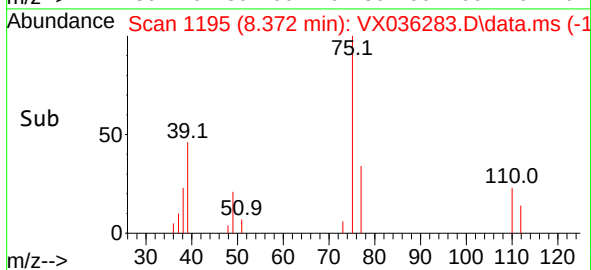
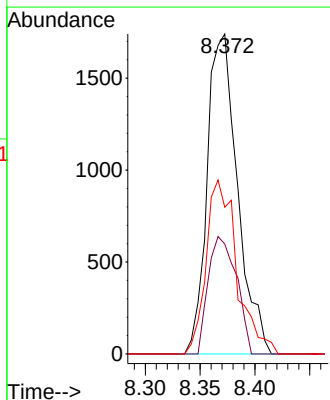
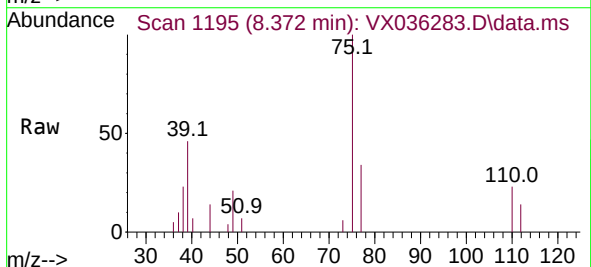
APPROVED

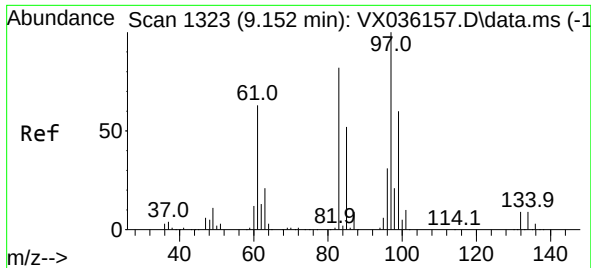
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 1.590 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

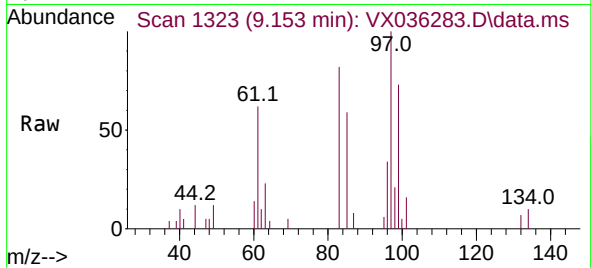
Tgt Ion: 75 Resp: 3348
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9
 39 45.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 0.941 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

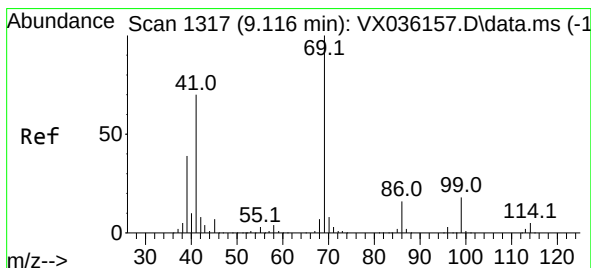
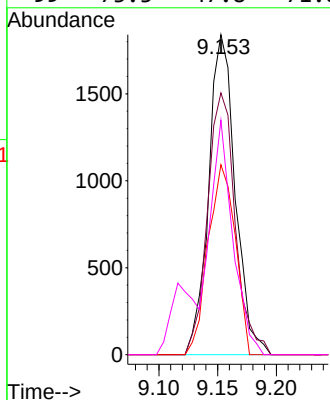
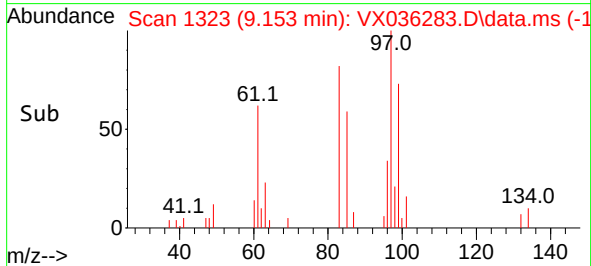
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



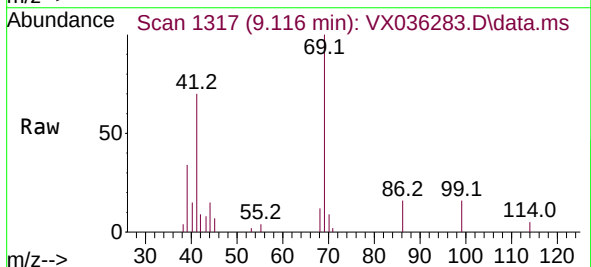
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.8	98.8
85	59.3	41.6	62.4
99	73.3	47.8	71.8

Manual Integrations
APPROVED

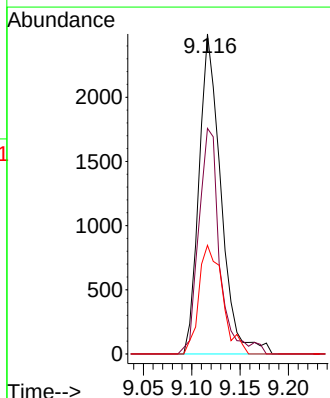
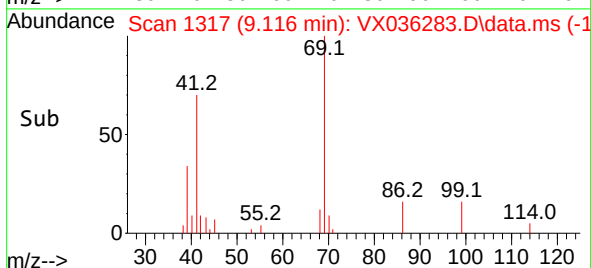
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

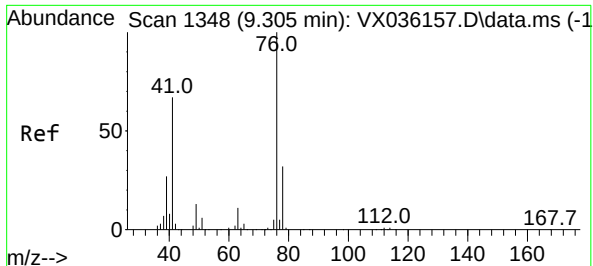


#56
Ethyl methacrylate
Concen: 0.852 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



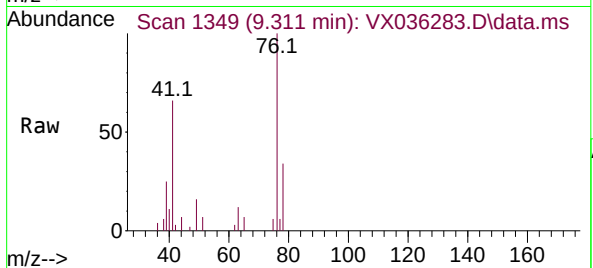
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.8	85.2
39	36.7	32.0	48.0





#57
1,3-Dichloropropane
Concen: 0.885 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

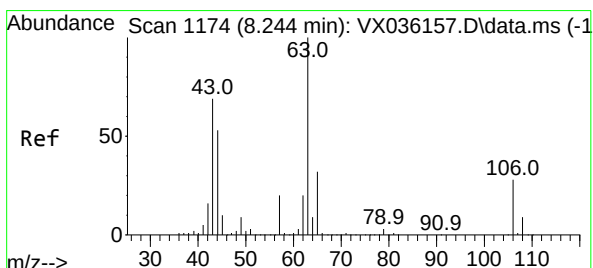
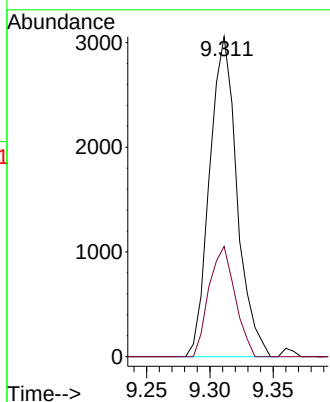
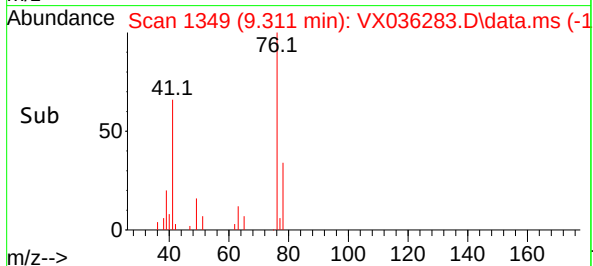
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



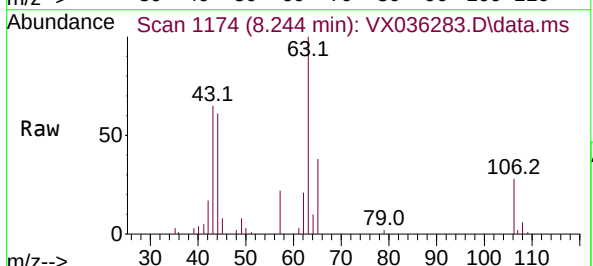
Tgt Ion: 76 Resp: 460
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
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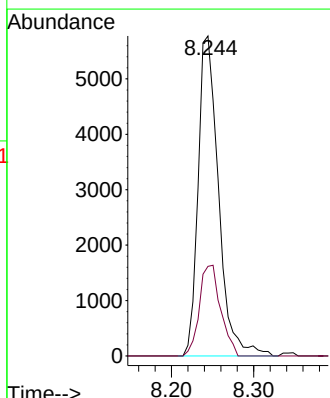
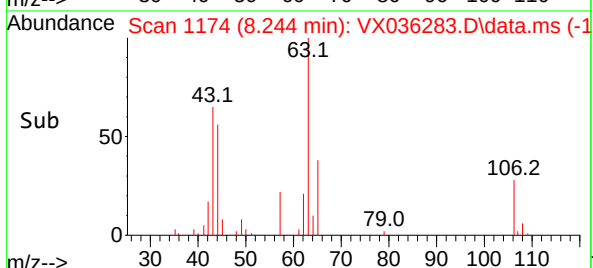
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

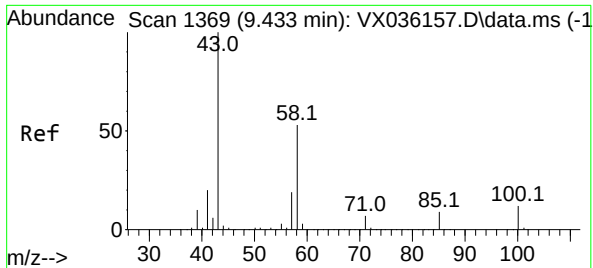


#58
2-Chloroethyl Vinyl ether
Concen: 3.892 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



Tgt Ion: 63 Resp: 9970
Ion Ratio Lower Upper
63 100
106 29.5 22.5 33.7





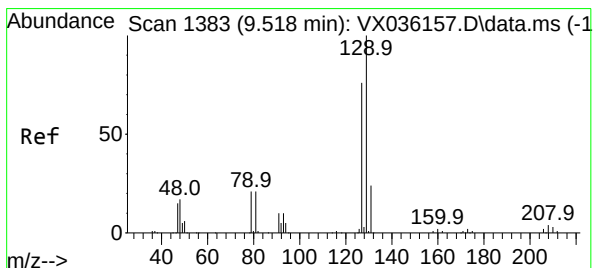
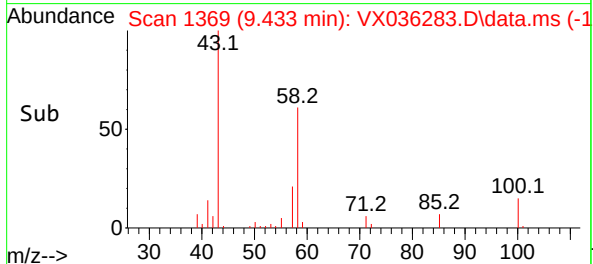
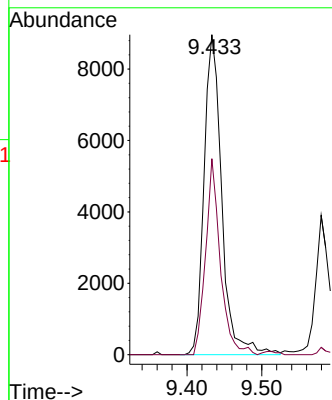
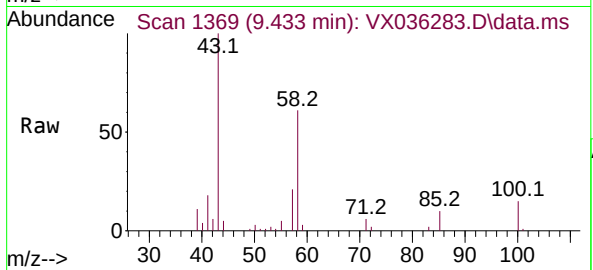
#59
2-Hexanone
Concen: 4.581 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 50.9 26.2 78.5

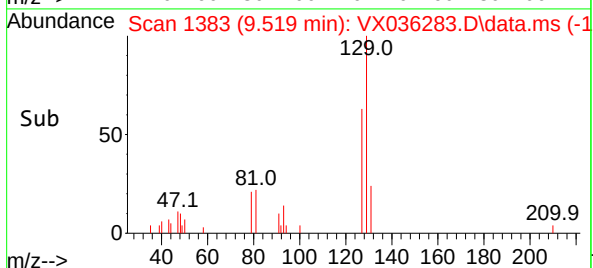
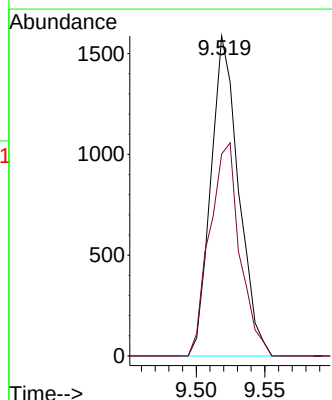
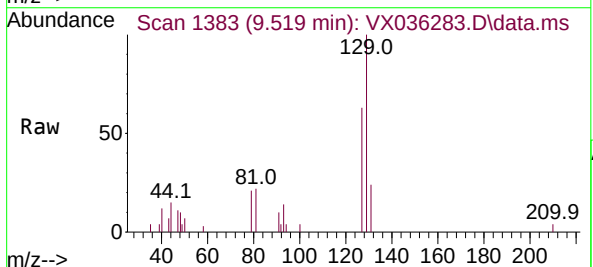
Manual Integrations
APPROVED

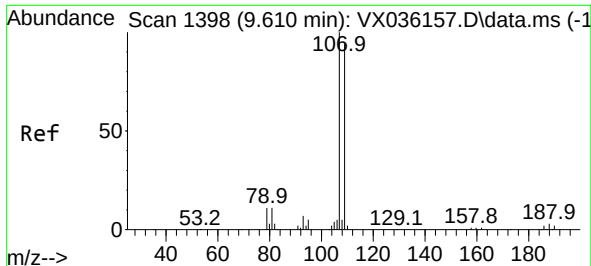
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
Dibromochloromethane
Concen: 0.766 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion:129 Resp: 2242
Ion Ratio Lower Upper
129 100
127 72.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.863 ug/l

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:107 Resp: 275

Ion Ratio Lower Upper

107 100

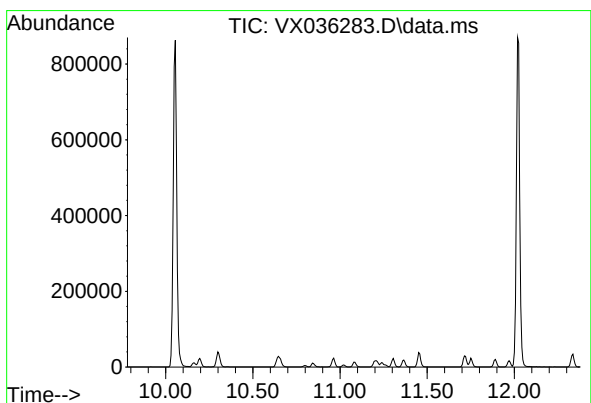
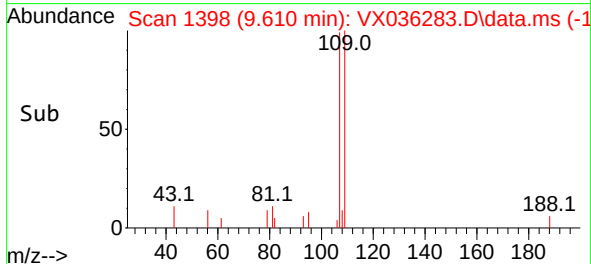
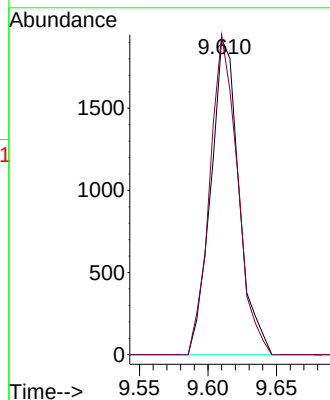
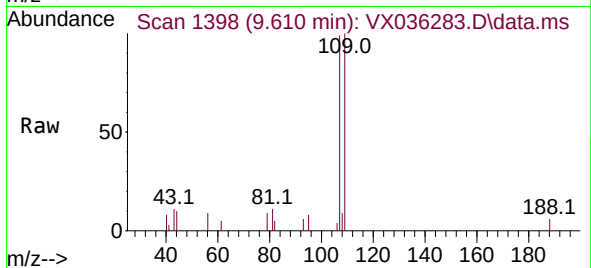
109 99.8 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.08 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

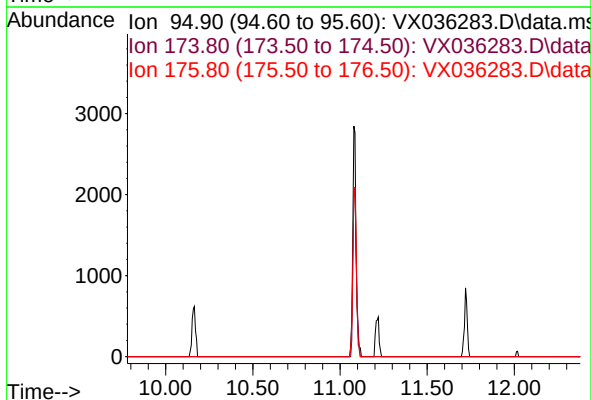
Tgt Ion: 95

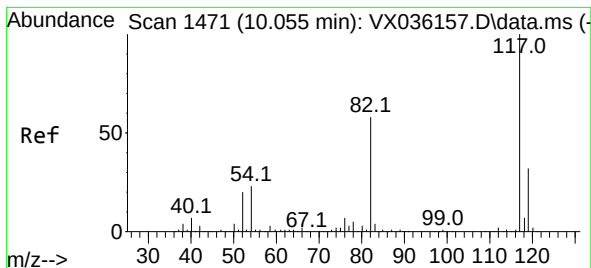
Sig Exp Ratio

95 100

174 67.8

176 65.5





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 394864

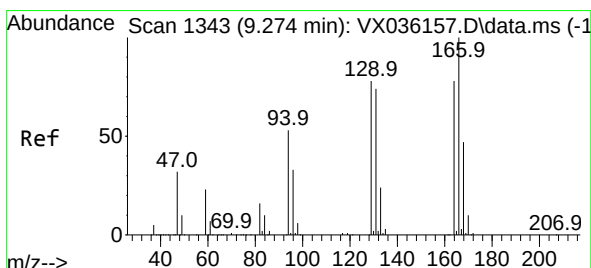
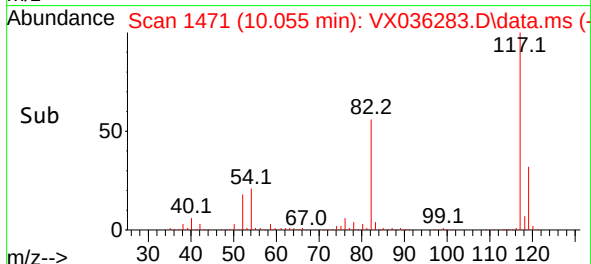
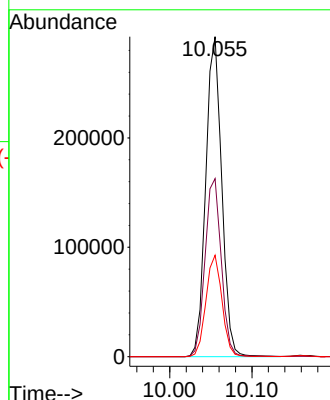
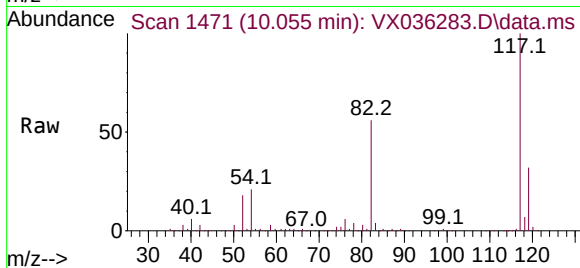
Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.2	69.4
119	31.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#64

Tetrachloroethene

Concen: 0.952 ug/l

RT: 9.269 min Scan# 1342

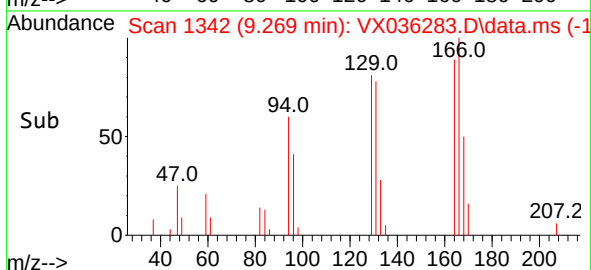
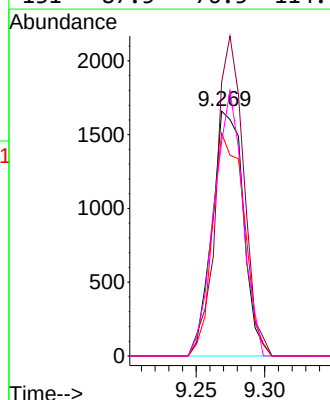
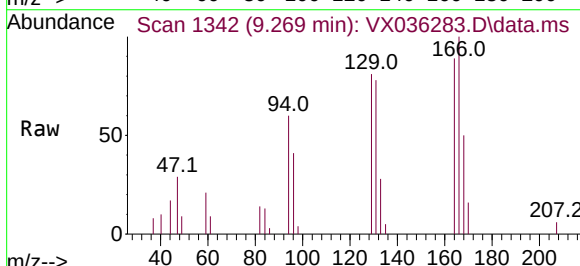
Delta R.T. -0.005 min

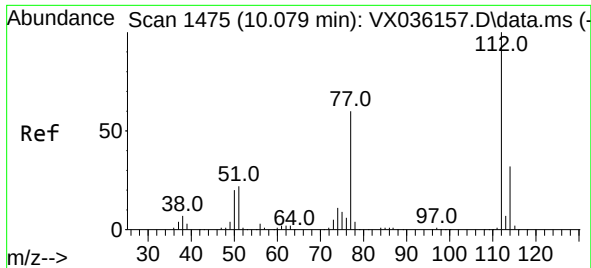
Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion:164 Resp: 2616

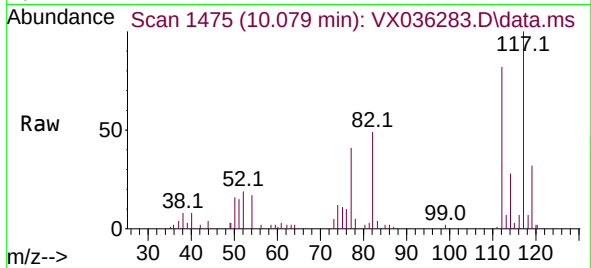
Ion	Ratio	Lower	Upper
164	100		
166	111.9	102.7	154.1
129	91.0	80.4	120.6
131	87.5	76.5	114.7





#65
Chlorobenzene
Concen: 0.923 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

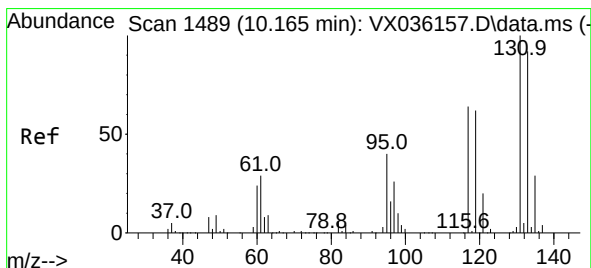
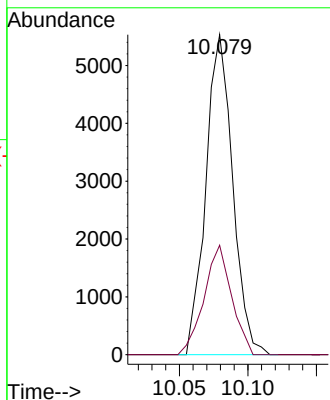
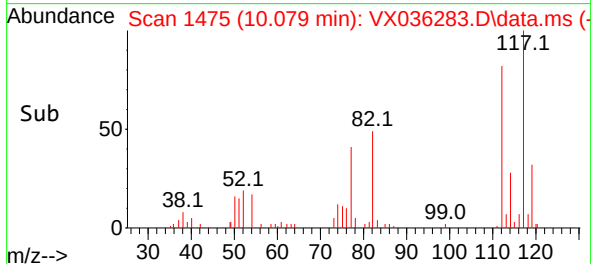
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



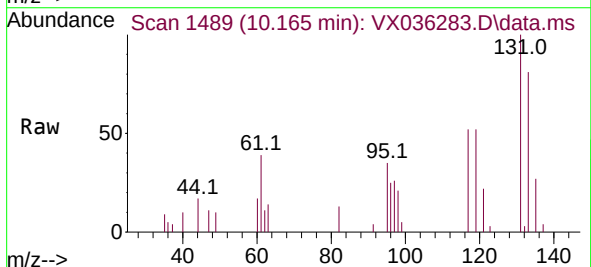
Tgt Ion:112 Resp: 7539
Ion Ratio Lower Upper
112 100
114 34.2 25.7 38.5

Manual Integrations
APPROVED

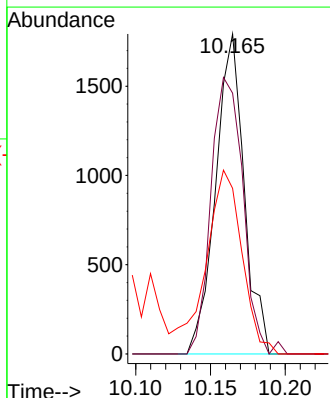
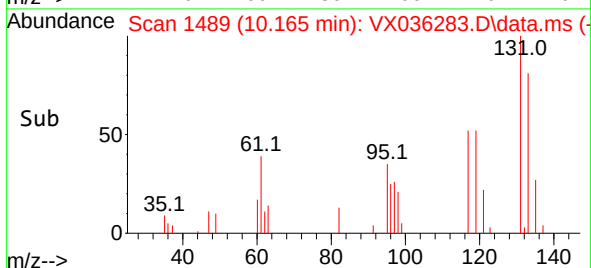
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

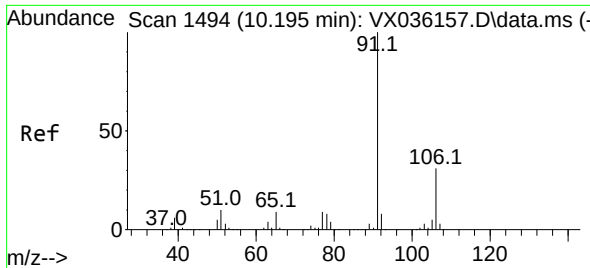


#66
1,1,1,2-Tetrachloroethane
Concen: 0.851 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



Tgt Ion:131 Resp: 2375
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 0.0 32.2 96.6#





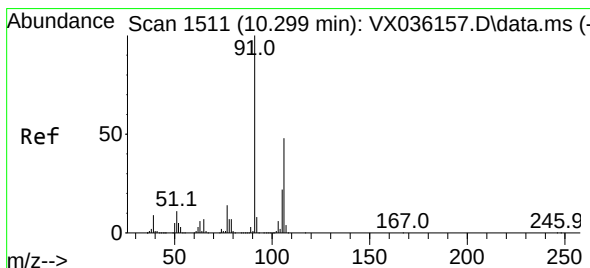
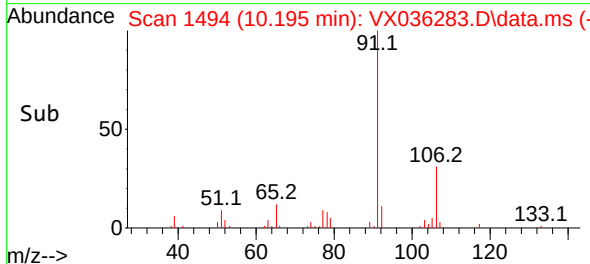
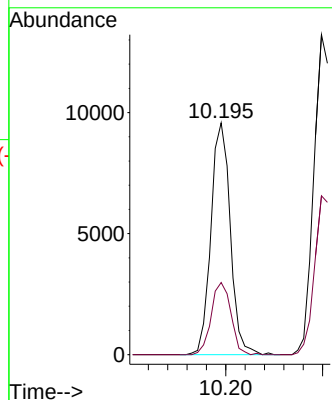
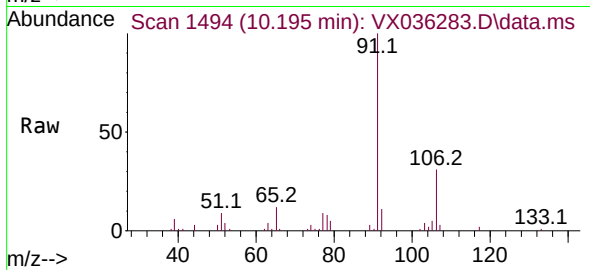
#67
Ethyl Benzene
Concen: 0.914 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 13309
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

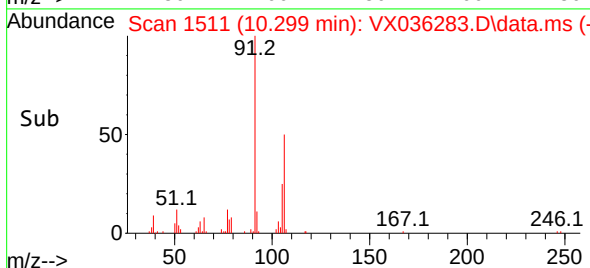
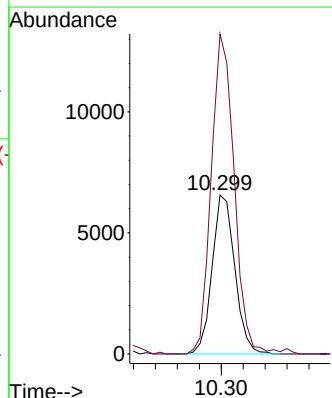
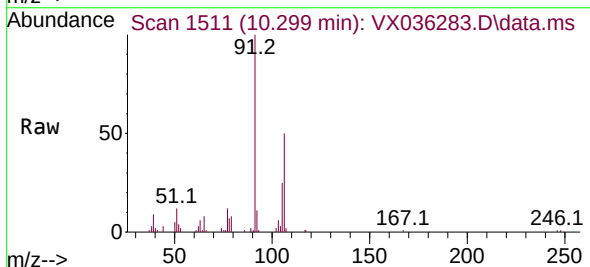
Manual Integrations
APPROVED

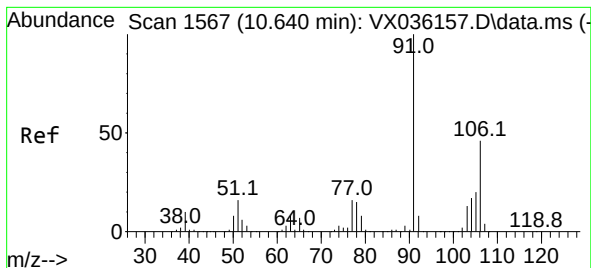
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
m/p-Xylenes
Concen: 1.682 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion:106 Resp: 9441
Ion Ratio Lower Upper
106 100
91 204.4 165.5 248.3





#69

o-Xylene

Concen: 0.882 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:106 Resp: 483

Ion Ratio Lower Upper

106 100

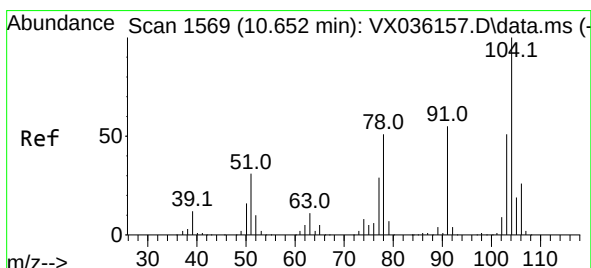
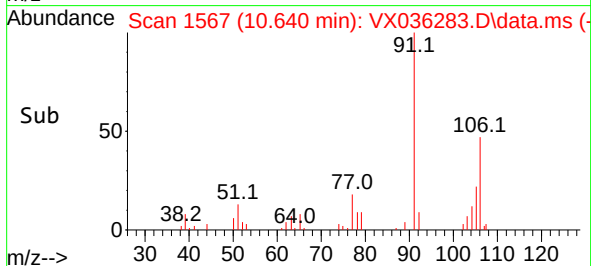
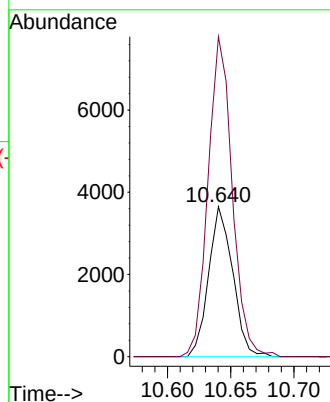
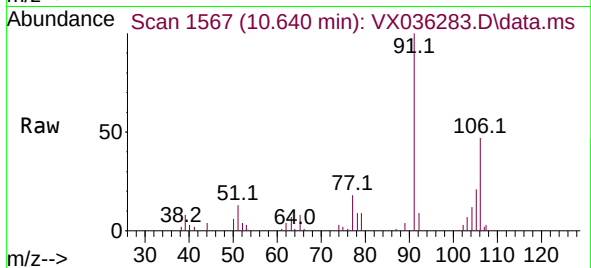
91 214.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#70

Styrene

Concen: 0.826 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.007 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

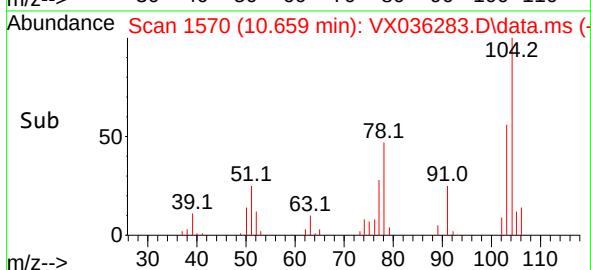
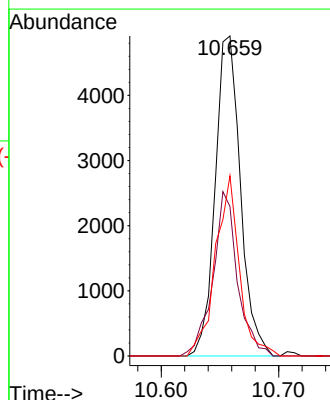
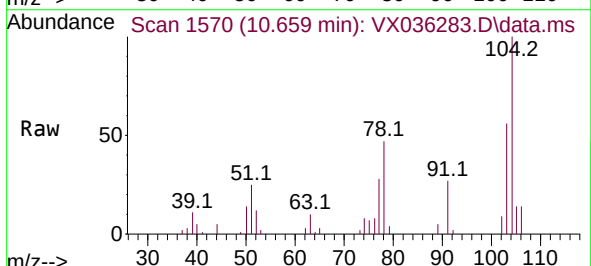
Tgt Ion:104 Resp: 7345

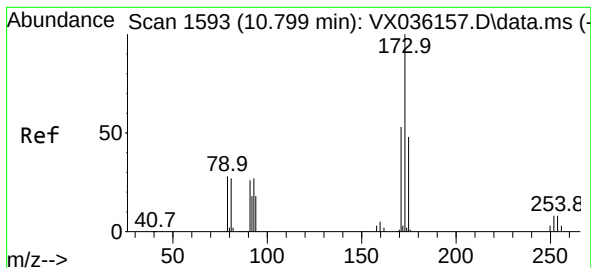
Ion Ratio Lower Upper

104 100

78 50.1 43.6 65.4

103 53.4 43.6 65.4





#71

Bromoform

Concen: 1.944 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

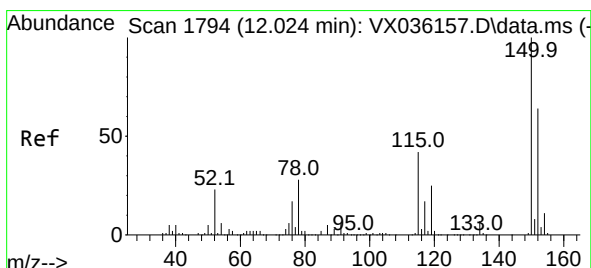
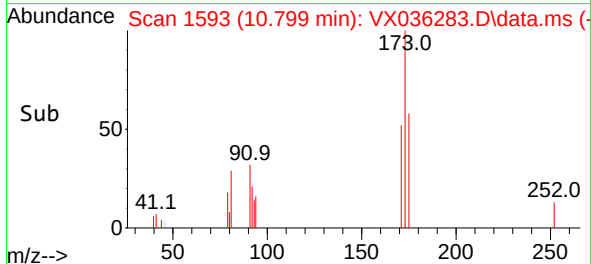
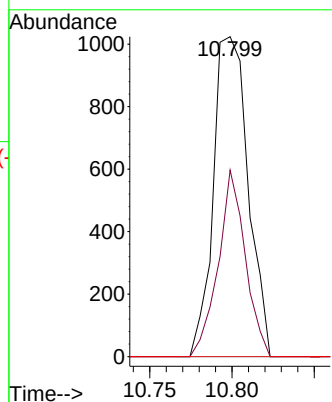
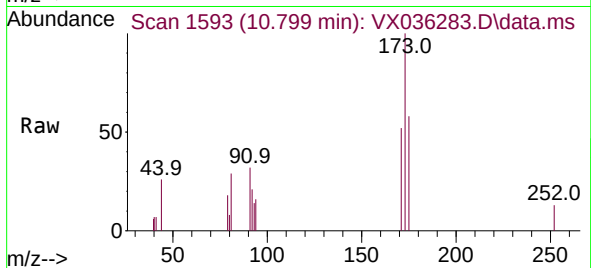
Tgt Ion:	173	Resp:	1504
Ion Ratio	Lower	Upper	
173	100		
175	45.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

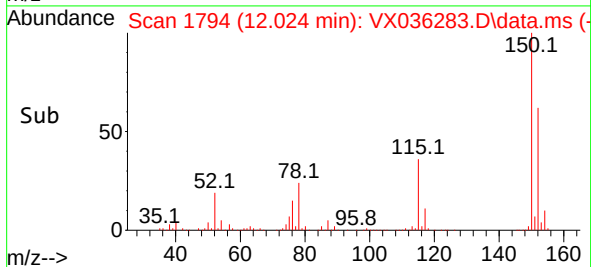
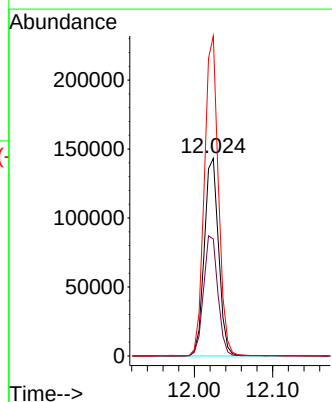
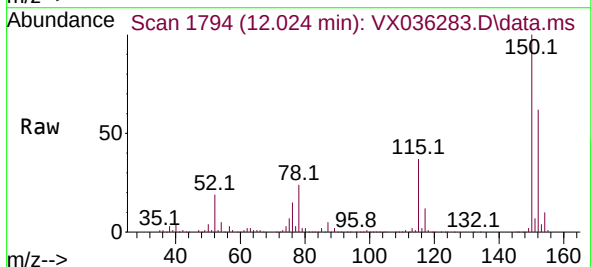
RT: 12.024 min Scan# 1794

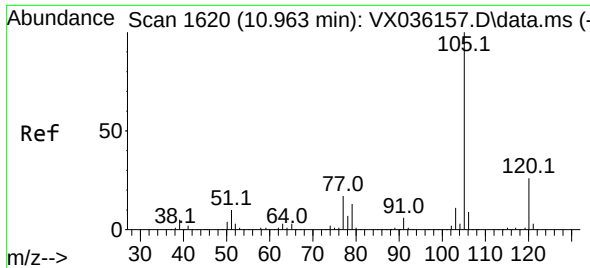
Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion:	152	Resp:	181138
Ion Ratio	Lower	Upper	
152	100		
115	61.1	43.3	129.9
150	158.6	0.0	345.0





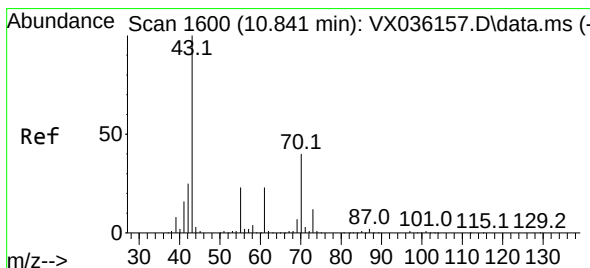
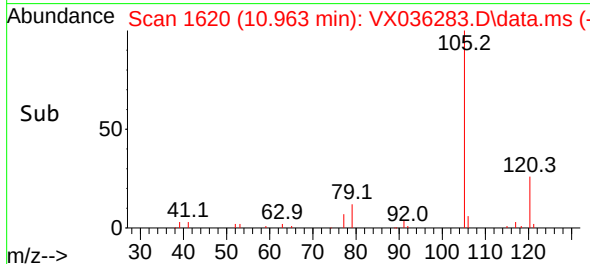
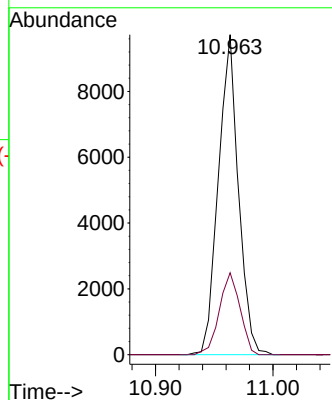
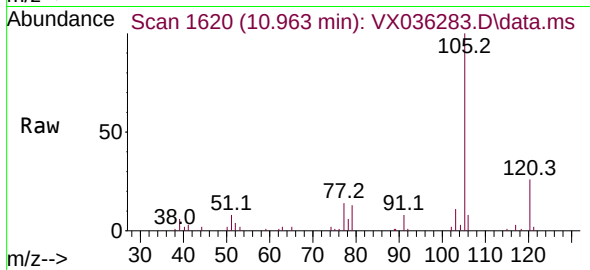
#73
Isopropylbenzene
Concen: 0.851 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 105 Resp: 11534
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

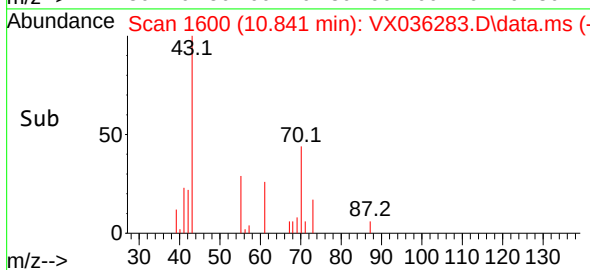
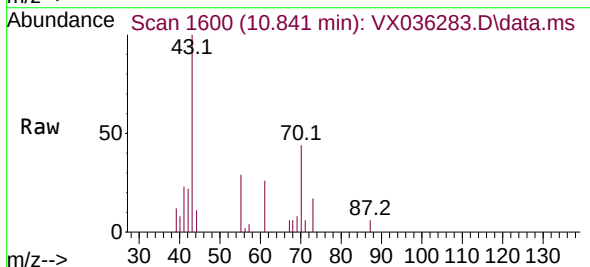
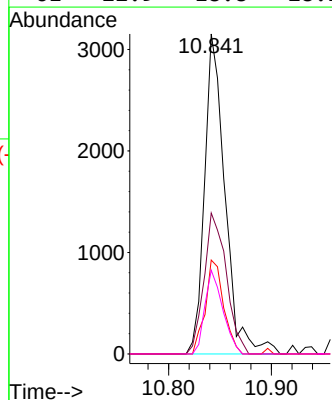
Manual Integrations
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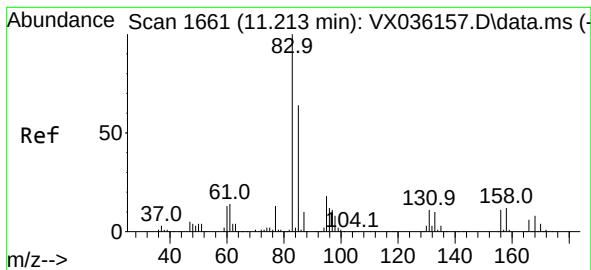
Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023



#74
N-ethyl acetate
Concen: 0.806 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
70 47.8 32.9 49.3
55 26.4 19.3 28.9
61 22.9 18.8 28.2





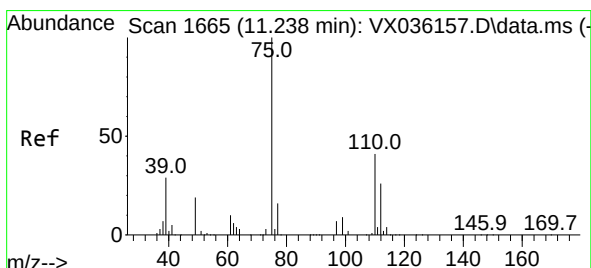
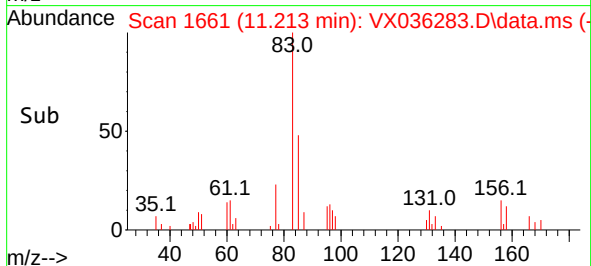
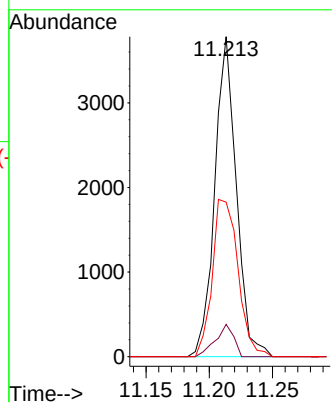
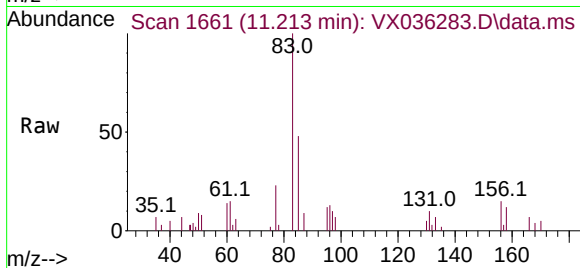
#75
1,1,2,2-Tetrachloroethane
Concen: 0.977 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 448
Ion Ratio Lower Upper
83 100
131 8.5 5.3 15.8
85 58.5 32.0 96.2

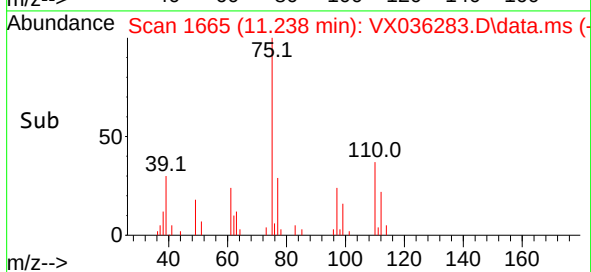
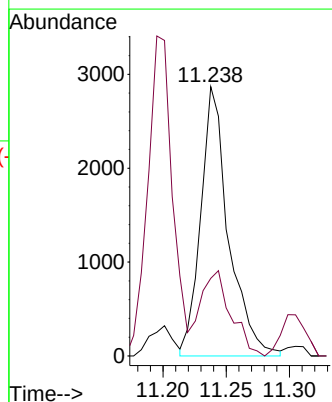
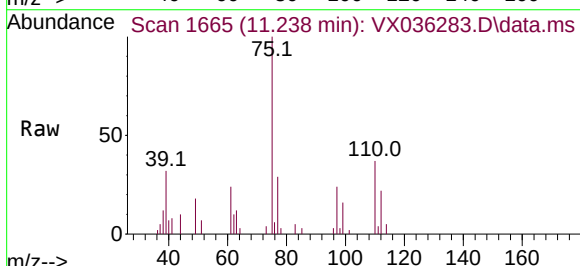
Manual Integrations
APPROVED

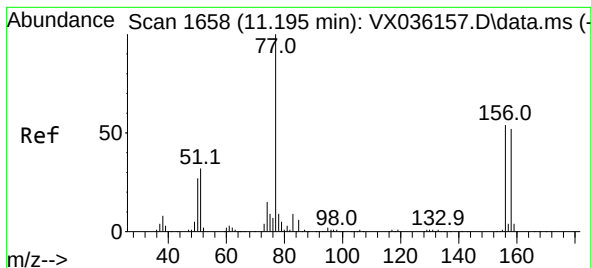
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,2,3-Trichloropropane
Concen: 1.139 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion: 75 Resp: 4400
Ion Ratio Lower Upper
75 100
77 34.6 19.1 57.5





#77

Bromobenzene

Concen: 0.923 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

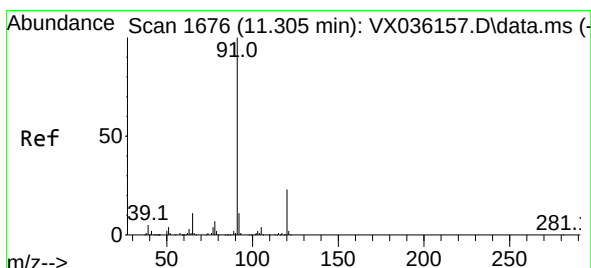
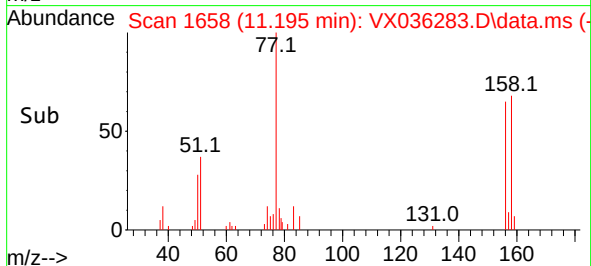
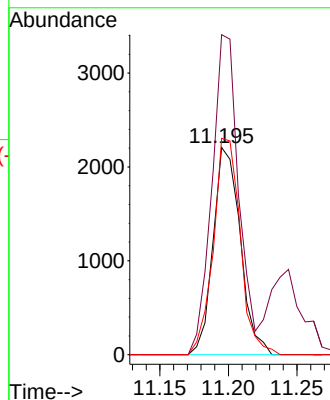
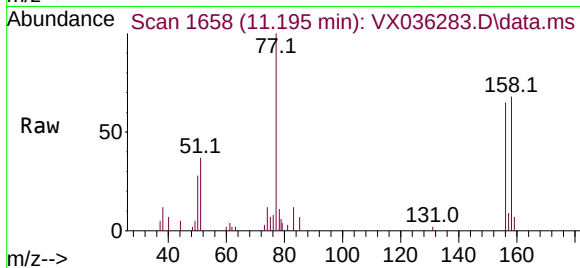
Tgt Ion:	156	Resp:	3040
Ion Ratio	Lower	Upper	
156	100		
77	152.0	88.4	265.3
158	103.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#78

n-propylbenzene

Concen: 0.840 ug/l

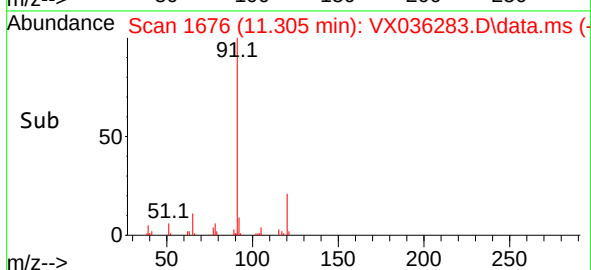
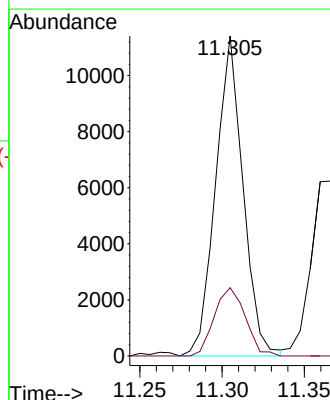
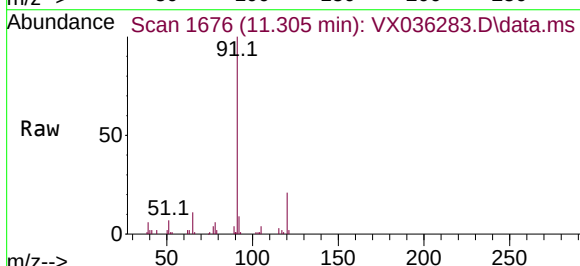
RT: 11.305 min Scan# 1676

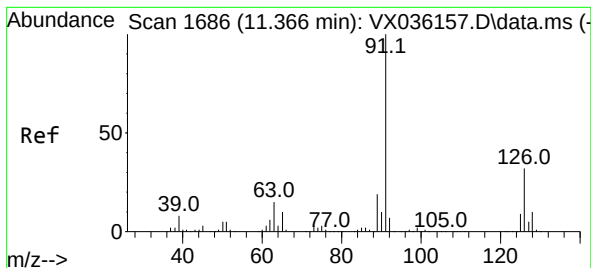
Delta R.T. -0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion:	91	Resp:	13203
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.5	34.4





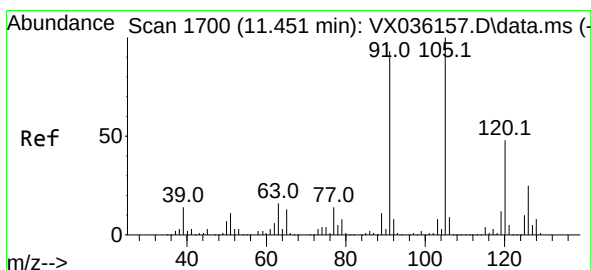
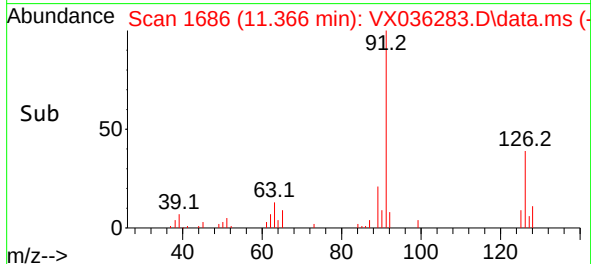
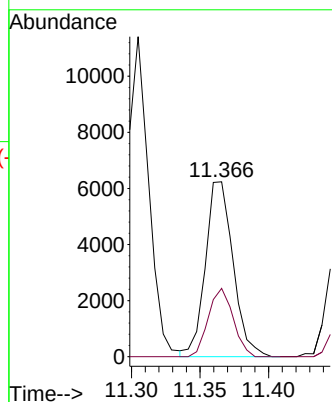
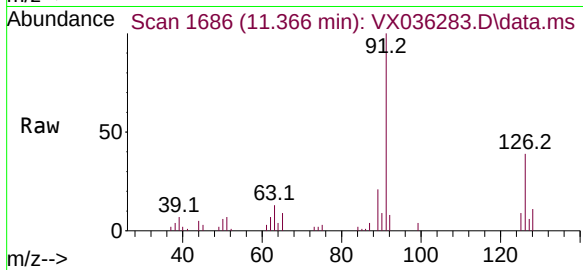
#79
2-Chlorotoluene
Concen: 0.937 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 878
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

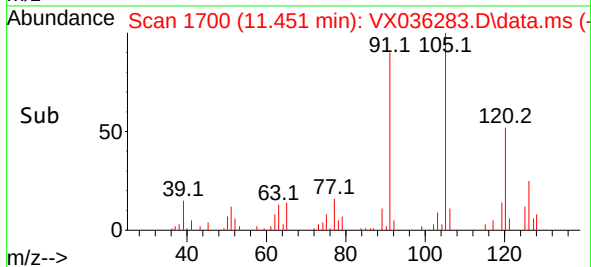
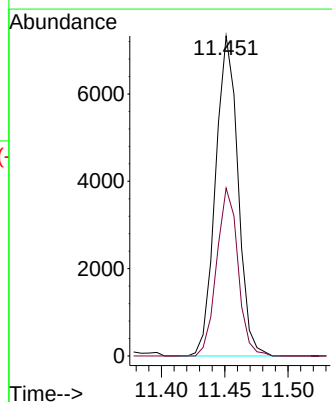
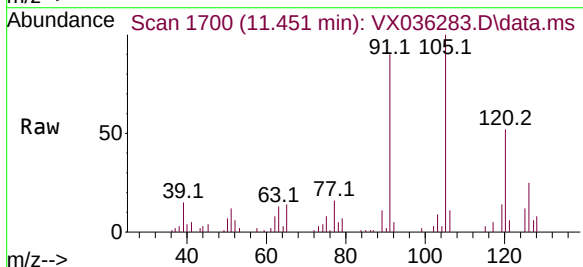
Manual Integrations
APPROVED

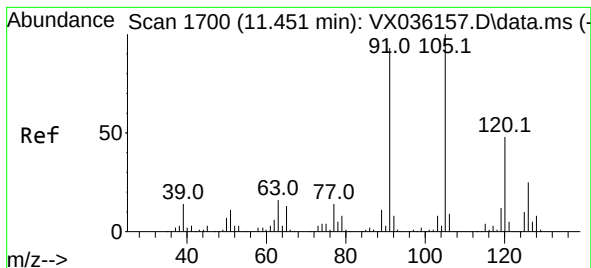
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Tgt Ion:105 Resp: 9043
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3





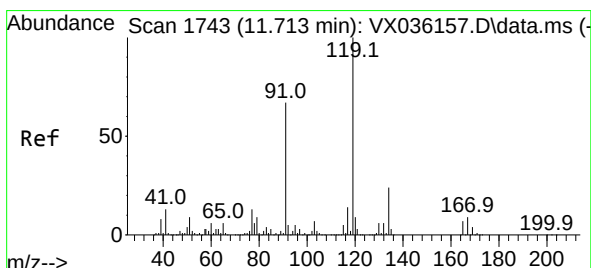
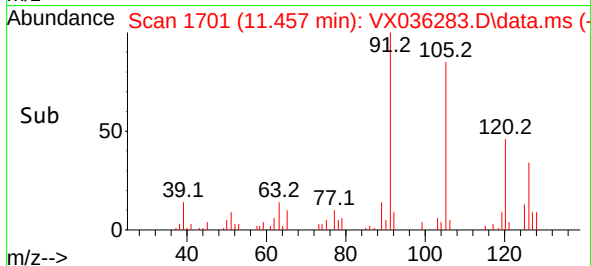
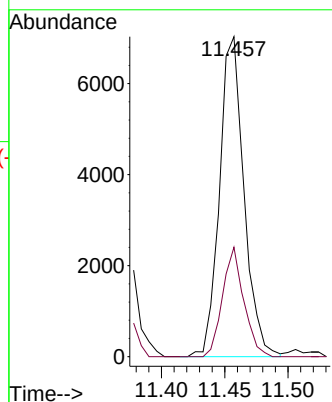
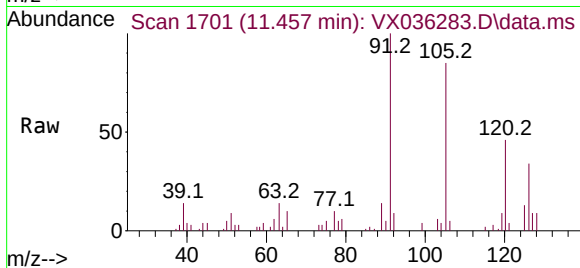
#82
4-Chlorotoluene
Concen: 0.870 ug/l
RT: 11.457 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 944
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6

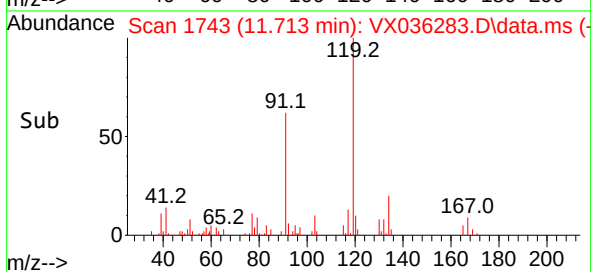
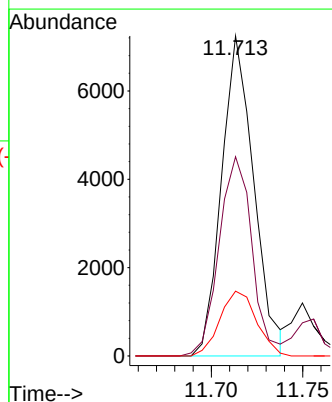
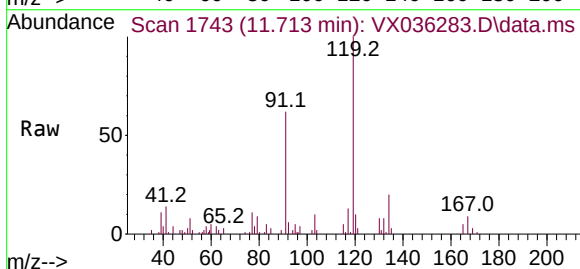
Manual Integrations
APPROVED

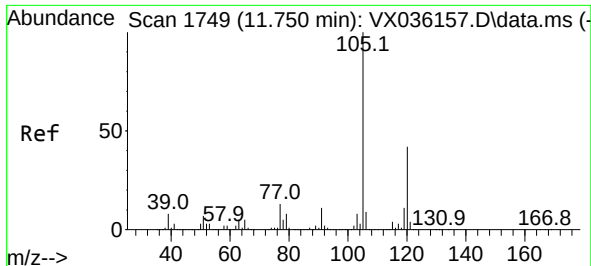
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#83
tert-Butylbenzene
Concen: 0.817 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

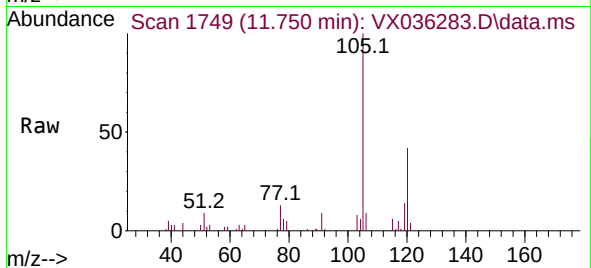
Tgt Ion:119 Resp: 8891
Ion Ratio Lower Upper
119 100
91 63.8 31.2 93.6
134 23.0 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 0.843 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

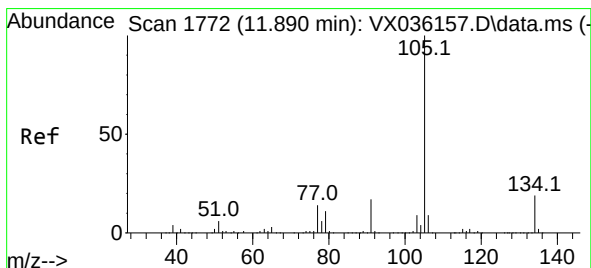
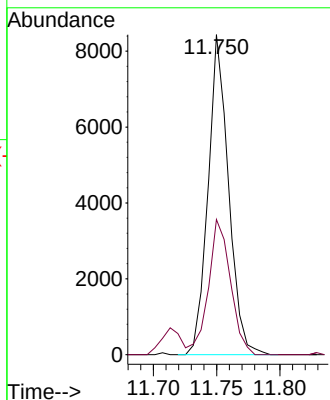
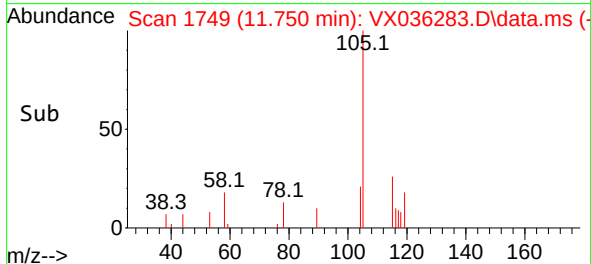
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



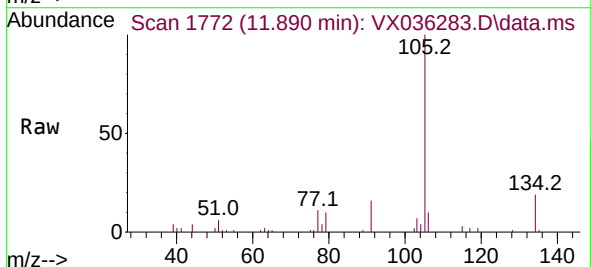
Tgt Ion:105 Resp: 948
Ion Ratio Lower Upper
105 100
120 45.5 21.2 63.6

Manual Integrations
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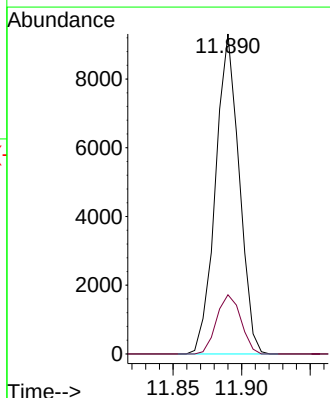
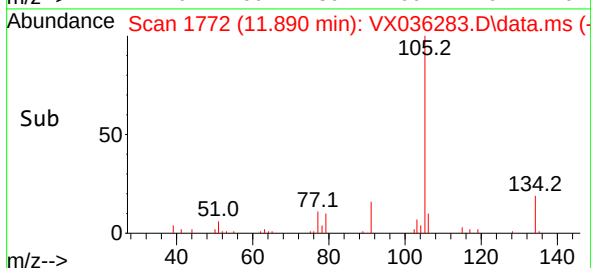
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

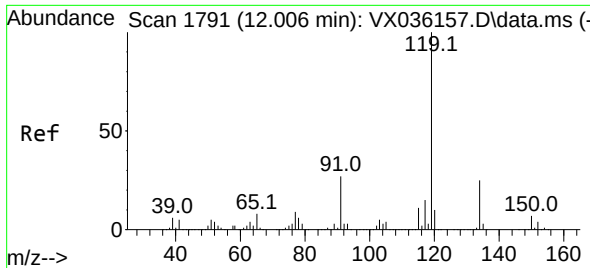


#85
sec-Butylbenzene
Concen: 0.814 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



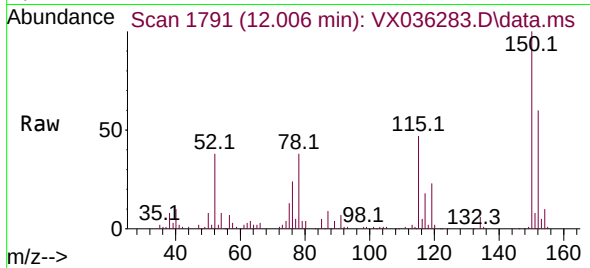
Tgt Ion:105 Resp: 11174
Ion Ratio Lower Upper
105 100
134 18.9 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.795 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

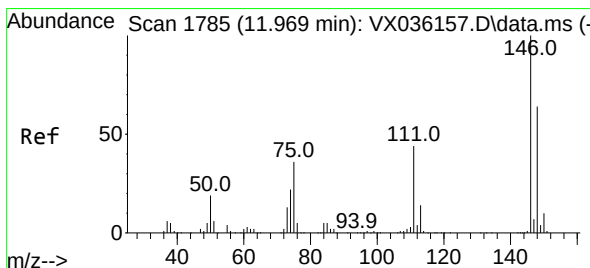
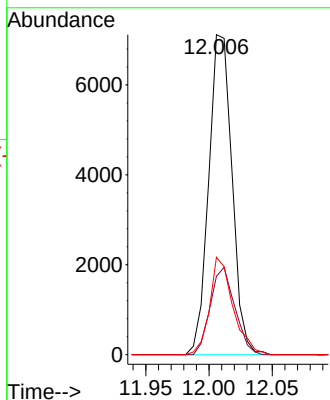
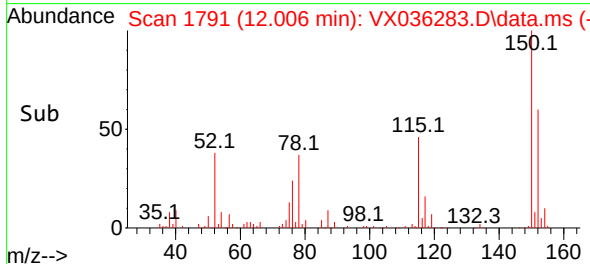
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



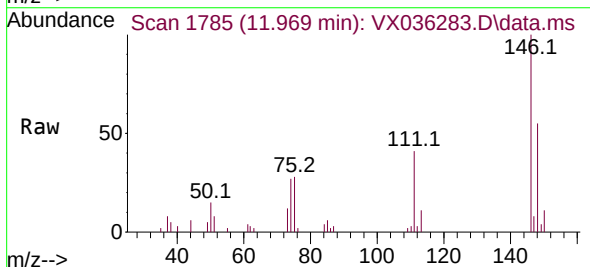
Tgt Ion:119 Resp: 9130
Ion Ratio Lower Upper
119 100
134 28.6 12.8 38.3
91 30.5 13.1 39.3

Manual Integrations
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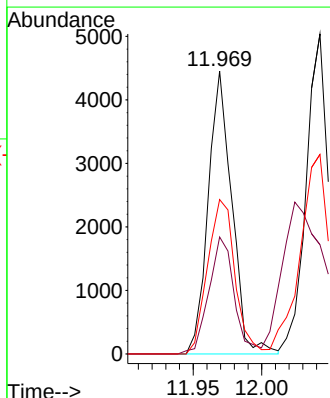
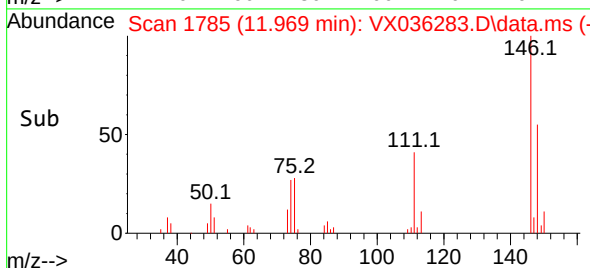
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

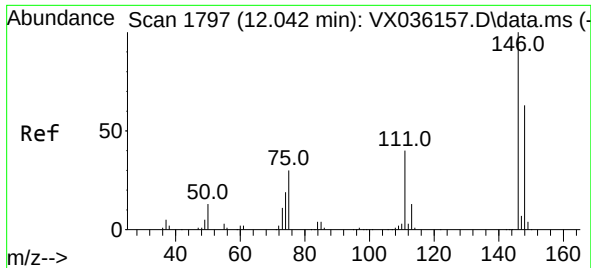


#87
1,3-Dichlorobenzene
Concen: 0.889 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



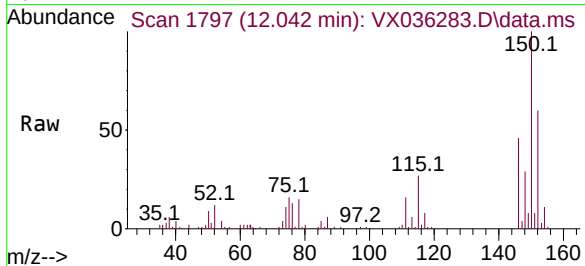
Tgt Ion:146 Resp: 5343
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.1
148 63.1 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.948 ug/l m
RT: 12.042 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

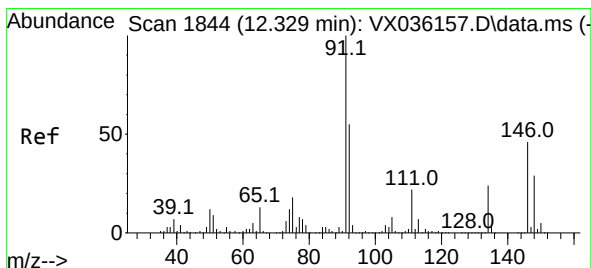
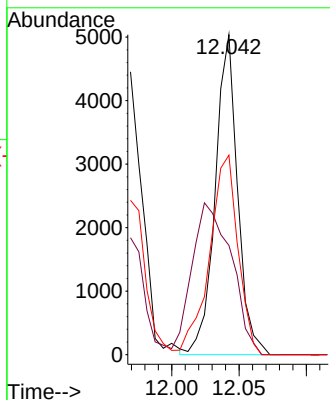
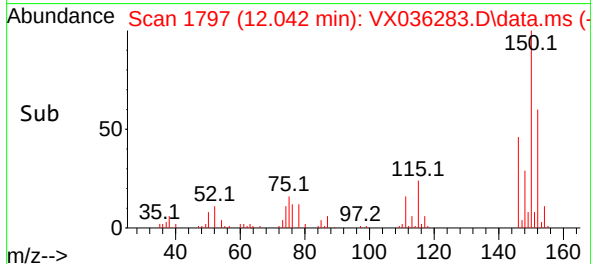
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



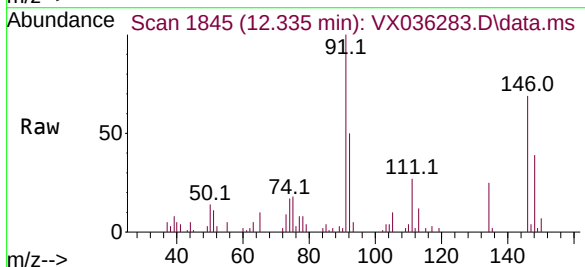
Tgt Ion:146 Resp: 584
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.7
148 57.7 31.8 95.4

Manual Integrations
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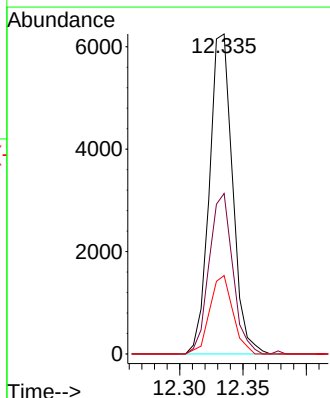
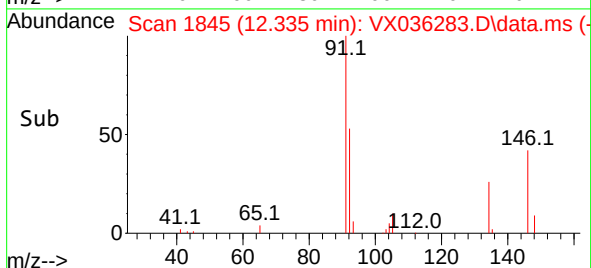
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

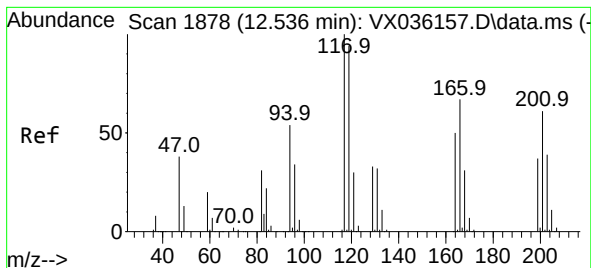


#89
n-Butylbenzene
Concen: 0.775 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28



Tgt Ion: 91 Resp: 7949
Ion Ratio Lower Upper
91 100
92 51.3 27.4 82.0
134 24.5 12.6 37.8





#90

Hexachloroethane

Concen: 3.282 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 122

Ion Ratio Lower Upper

117 100

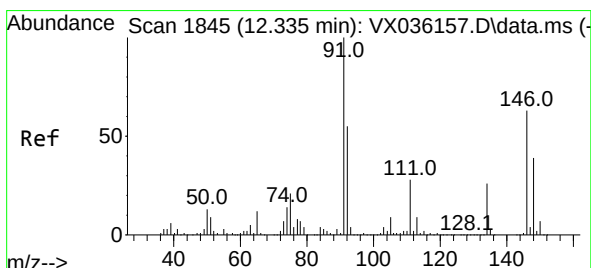
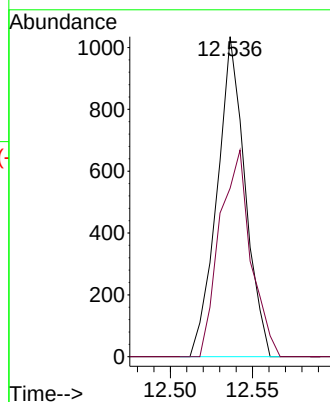
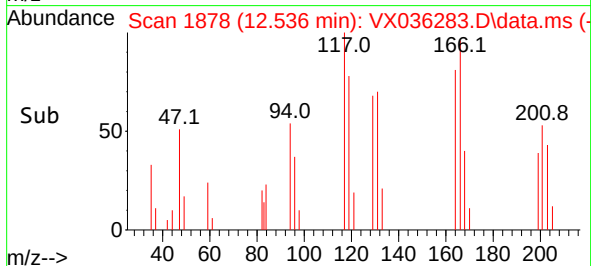
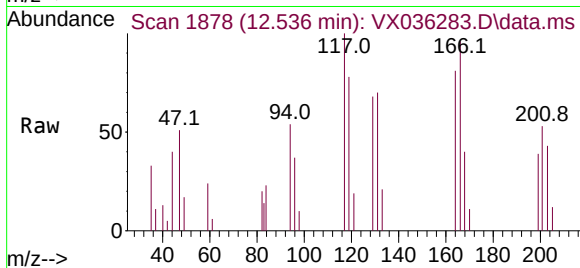
201 71.8 32.9 98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#91

1,2-Dichlorobenzene

Concen: 0.891 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

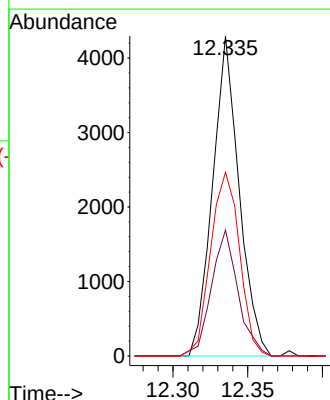
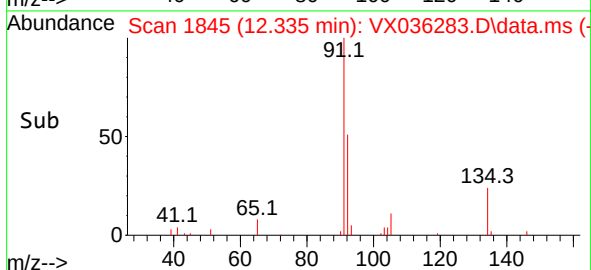
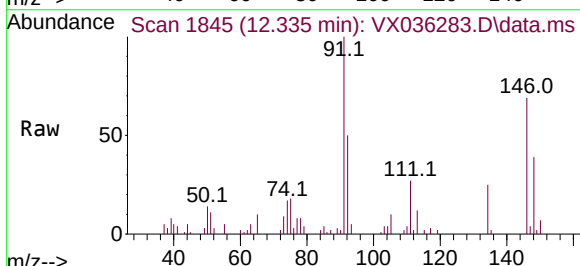
Tgt Ion:146 Resp: 5292

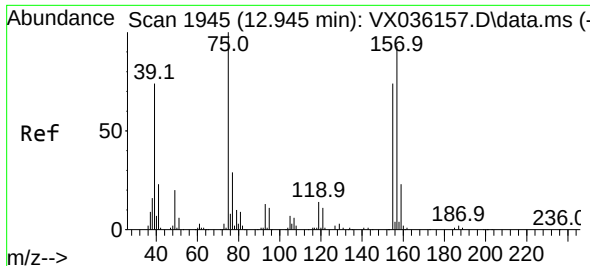
Ion Ratio Lower Upper

146 100

111 39.6 22.4 67.0

148 62.6 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.774 ug/l

RT: 12.939 min Scan# 1945

Delta R.T. -0.006 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

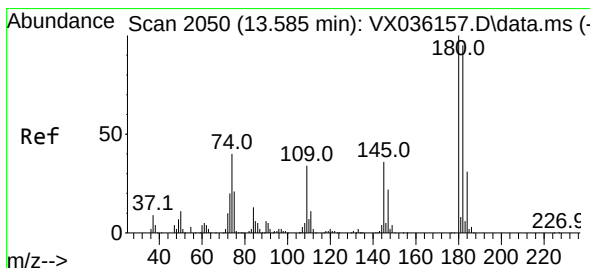
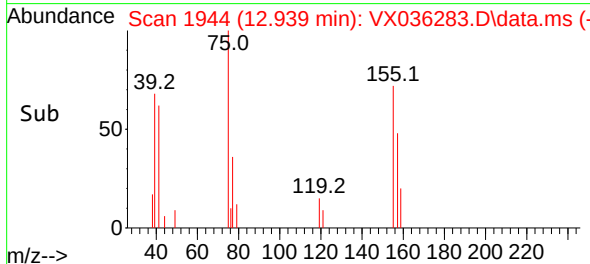
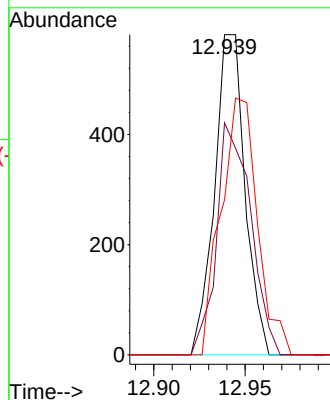
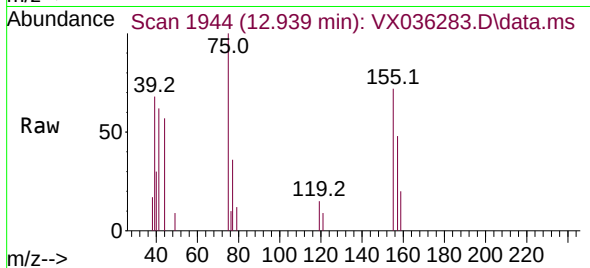
Tgt Ion: 75	Resp: 67
Ion Ratio	Lower Upper
75 100	
155 81.2	36.1 108.5
157 96.1	44.9 134.7

Manual Integrations

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Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#93

1,2,4-Trichlorobenzene

Concen: 0.889 ug/l

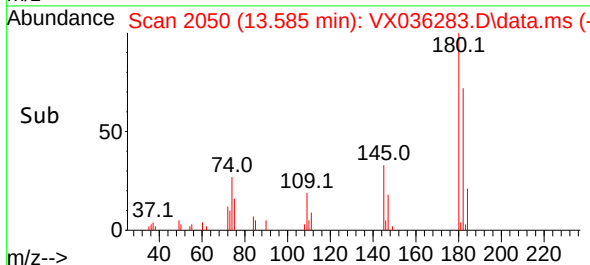
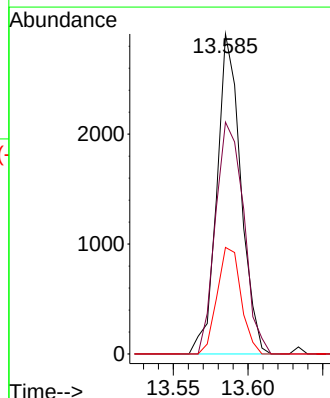
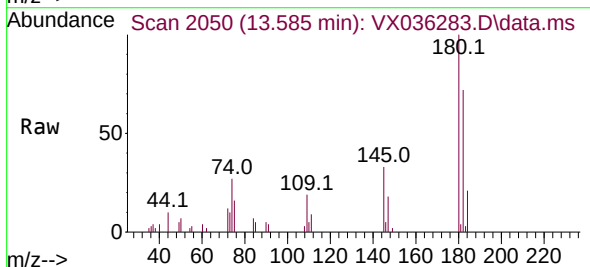
RT: 13.585 min Scan# 2050

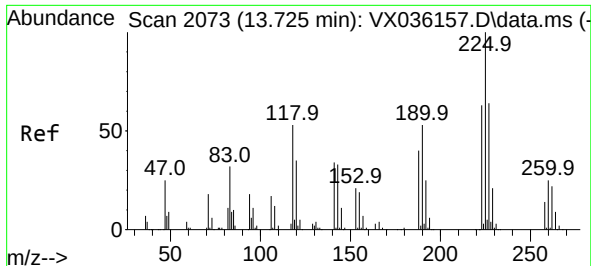
Delta R.T. -0.000 min

Lab File: VX036283.D

Acq: 23 Jun 2023 10:28

Tgt Ion:180	Resp:	3234	
Ion	Ratio	Lower	Upper
180	100		
182	85.3	48.3	144.8
145	33.4	18.0	54.0





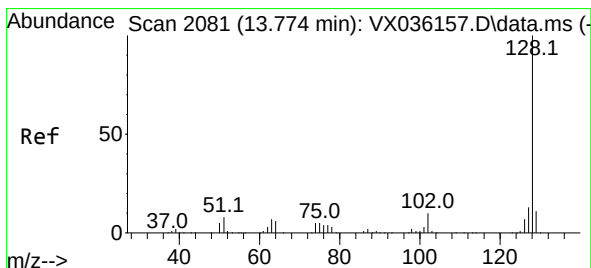
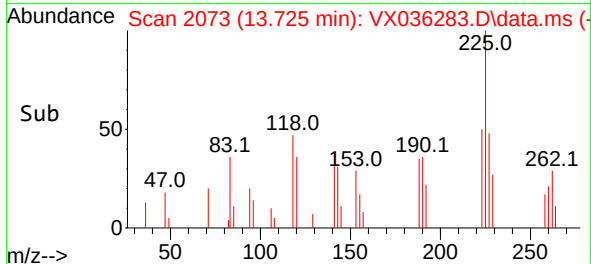
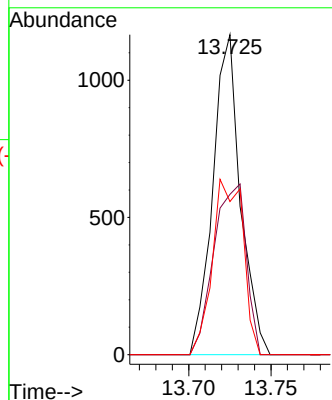
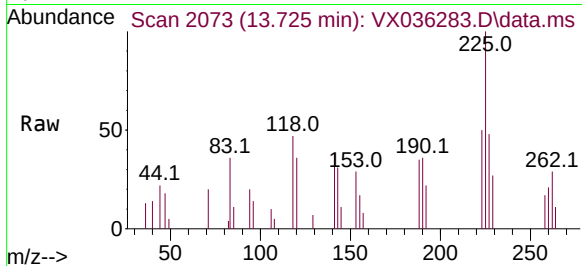
#94
Hexachlorobutadiene
Concen: 0.930 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:225 Resp: 136
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.2
227 60.5 32.5 97.5

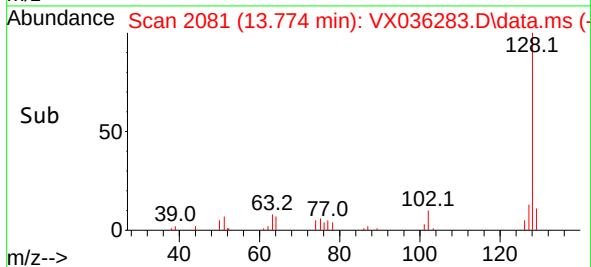
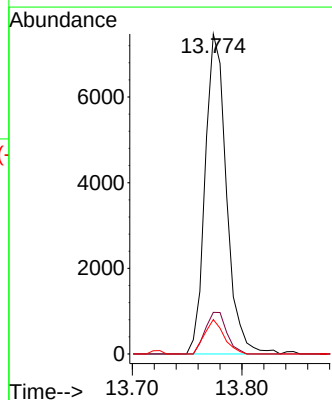
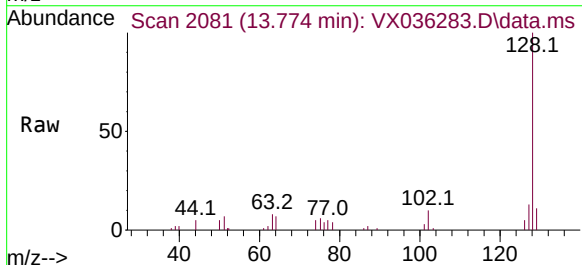
Manual Integrations
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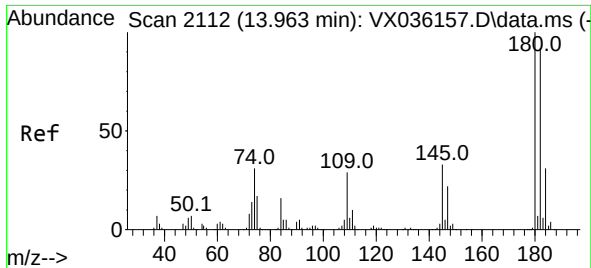
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#95
Naphthalene
Concen: 0.833 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036283.D
Acq: 23 Jun 2023 10:28

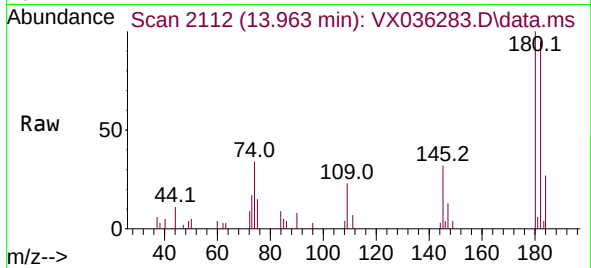
Tgt Ion:128 Resp: 10057
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 9.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.776 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX036283.D
 Acq: 23 Jun 2023 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 2720
 Ion Ratio Lower Upper
 180 100
 182 103.2 46.9 140.6
 145 37.4 17.8 53.5

Manual Integrations
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Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023

