

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036155.D
 Acq On : 14 Jun 2023 14:50
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 15 01:32:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	156935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	33277	5.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.560%#		
35) Dibromofluoromethane	5.391	113	23669	5.687	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.380%#		
50) Toluene-d8	8.647	98	78106	4.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.700%#		
62) 4-Bromofluorobenzene	11.079	95	26367	6.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	12.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	10559	4.535	ug/l	94
3) Chloromethane	1.295	50	12167	4.851	ug/l	95
4) Vinyl Chloride	1.374	62	10534	4.460	ug/l	100
5) Bromomethane	1.618	94	6909	4.543	ug/l	86
6) Chloroethane	1.691	64	7495	5.031	ug/l	94
7) Trichlorofluoromethane	1.886	101	14565	4.316	ug/l	100
8) Diethyl Ether	2.136	74	7192	5.114	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	9188	4.480	ug/l	97
10) Methyl Iodide	2.453	142	9382	4.099	ug/l	98
11) Tert butyl alcohol	3.038	59	13986m	23.528	ug/l	
12) 1,1-Dichloroethene	2.319	96	9371	4.596	ug/l	96
13) Acrolein	2.246	56	17921	25.932	ug/l	100
14) Allyl chloride	2.666	41	18258	4.402	ug/l	96
15) Acrylonitrile	3.075	53	34076	24.064	ug/l	99
16) Acetone	2.404	43	33395	24.093	ug/l	99
17) Carbon Disulfide	2.514	76	20875	4.023	ug/l #	94
18) Methyl Acetate	2.709	43	28315	4.860	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	38927	4.812	ug/l	98
20) Methylene Chloride	2.794	84	12753	4.970	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	10831	4.658	ug/l	95
22) Diisopropyl ether	3.764	45	40028	4.904	ug/l	97
23) Vinyl Acetate	3.727	43	138674	23.240	ug/l	99
24) 1,1-Dichloroethane	3.611	63	20981	4.659	ug/l	98
25) 2-Butanone	4.581	43	47888	23.648	ug/l	99
26) 2,2-Dichloropropane	4.477	77	16106	4.469	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	12919	4.815	ug/l	97
28) Bromochloromethane	4.898	49	12652	5.428	ug/l	96
29) Tetrahydrofuran	5.032	42	30610	23.498	ug/l	98
30) Chloroform	5.093	83	23256	4.932	ug/l	93
31) Cyclohexane	5.471	56	16118	4.478	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	18157	4.555	ug/l	98
36) 1,1-Dichloropropene	5.696	75	15332	4.406	ug/l	99
37) Ethyl Acetate	4.721	43	18694	4.374	ug/l	99
38) Carbon Tetrachloride	5.678	117	13618	4.054	ug/l	90
39) Methylcyclohexane	7.379	83	15543	4.205	ug/l	94
40) Benzene	6.038	78	46416	4.648	ug/l	95

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 15 01:32:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	10784	4.525	ug/l	97
42) 1,2-Dichloroethane	6.092	62	20586	4.778	ug/l	100
43) Isopropyl Acetate	6.342	43	29465	4.445	ug/l	99
44) Trichloroethene	7.123	130	11525	4.498	ug/l	96
45) 1,2-Dichloropropane	7.428	63	11935	4.565	ug/l	98
46) Dibromomethane	7.586	93	8731	4.573	ug/l	97
47) Bromodichloromethane	7.824	83	14717	4.134	ug/l	90
48) Methyl methacrylate	7.696	41	15096	4.575	ug/l	99
49) 1,4-Dioxane	7.739	88	6126	94.890	ug/l #	44
51) 4-Methyl-2-Pentanone	8.574	43	93565	23.415	ug/l	99
52) Toluene	8.720	92	28131	4.480	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	14469	3.844	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	16432	4.021	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	12332	4.680	ug/l	98
56) Ethyl methacrylate	9.116	69	18055	4.433	ug/l	95
57) 1,3-Dichloropropane	9.311	76	21150	4.648	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	48517	22.564	ug/l	99
59) 2-Hexanone	9.433	43	68665	23.164	ug/l	99
60) Dibromochloromethane	9.519	129	9829	3.919	ug/l	99
61) 1,2-Dibromoethane	9.610	107	11883	4.300	ug/l	99
64) Tetrachloroethene	9.275	164	8886	4.473	ug/l	91
65) Chlorobenzene	10.080	112	30740	4.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	9942	4.271	ug/l	95
67) Ethyl Benzene	10.195	91	52877	4.524	ug/l	95
68) m/p-Xylenes	10.299	106	40047	8.985	ug/l	97
69) o-Xylene	10.640	106	20151	4.580	ug/l	98
70) Styrene	10.653	104	32573	4.512	ug/l	98
71) Bromoform	10.799	173	6219	6.272	ug/l #	97
73) Isopropylbenzene	10.964	105	49276	4.621	ug/l	100
74) N-amyl acetate	10.842	43	22260	4.589	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	17765	4.876	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	17224m	4.907	ug/l	
77) Bromobenzene	11.195	156	12404	4.956	ug/l	96
78) n-propylbenzene	11.305	91	56132	4.522	ug/l	99
79) 2-Chlorotoluene	11.360	91	38132	4.851	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	41570	4.619	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3420	6.702	ug/l #	69
82) 4-Chlorotoluene	11.451	91	43376	4.843	ug/l	97
83) tert-Butylbenzene	11.713	119	38319	4.490	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	41086	4.545	ug/l	99
85) sec-Butylbenzene	11.890	105	45972	4.430	ug/l	99
86) p-Isopropyltoluene	12.006	119	39809	4.532	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22721	4.759	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	22798	4.628	ug/l	89
89) n-Butylbenzene	12.329	91	31362	4.155	ug/l	98
90) Hexachloroethane	12.536	117	5299	6.101	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	22023	4.710	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3203	3.840	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	11607	4.367	ug/l	95
94) Hexachlorobutadiene	13.725	225	4123	4.023	ug/l	89
95) Naphthalene	13.774	128	39202	4.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	11161	4.230	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

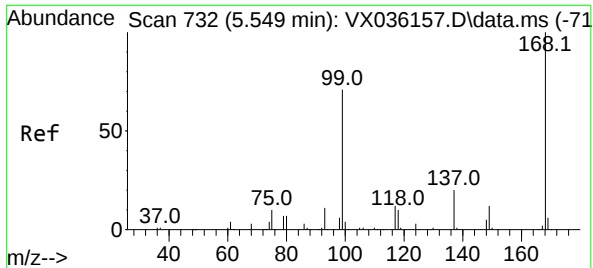
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:32:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 15 01:28:15 2023
Response via : Initial Calibration

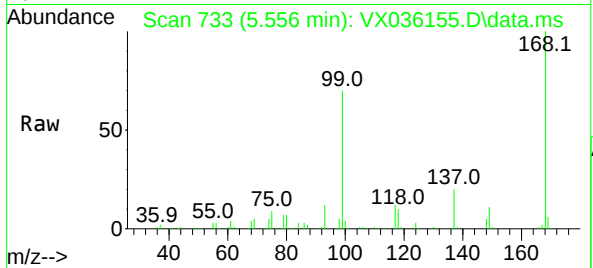
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

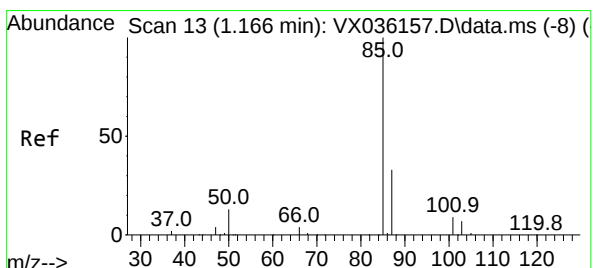
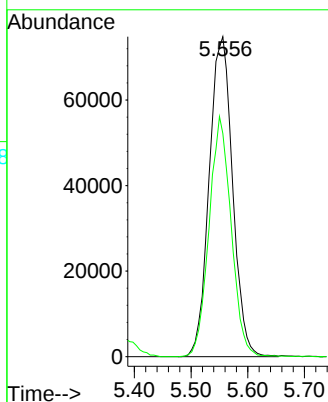
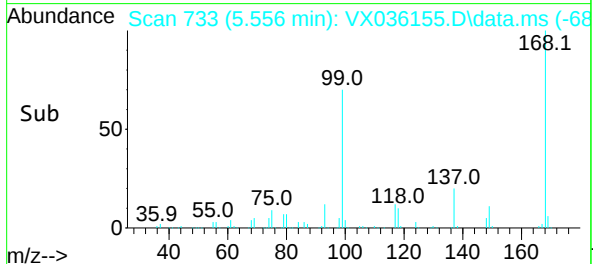
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 214190
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0

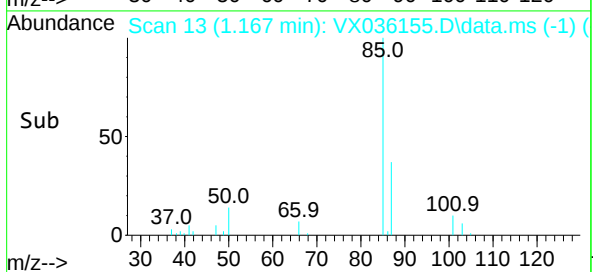
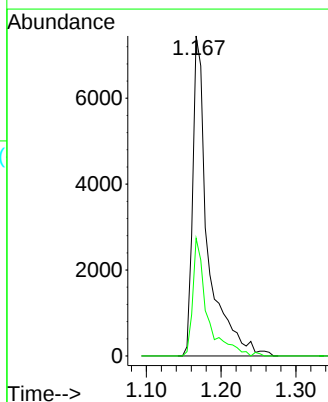
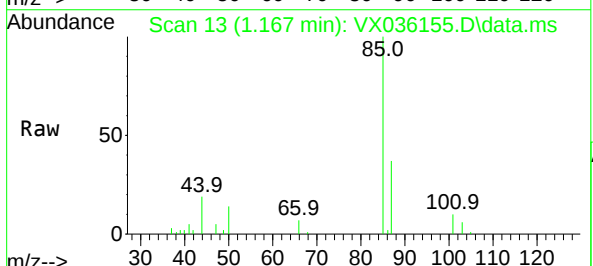
Manual Integrations
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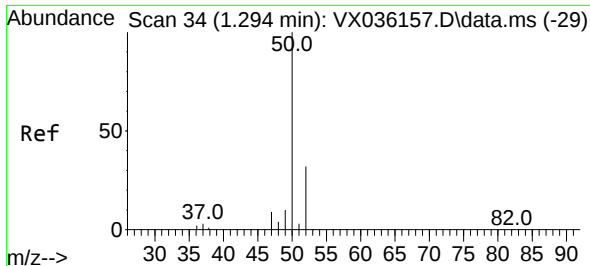
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#2
Dichlorodifluoromethane
Concen: 4.535 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 85 Resp: 10559
Ion Ratio Lower Upper
85 100
87 36.7 16.7 50.1





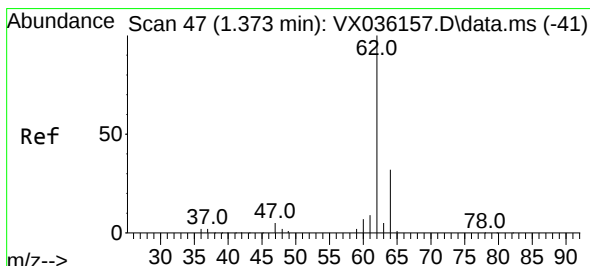
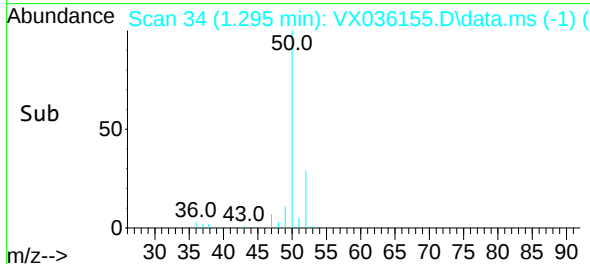
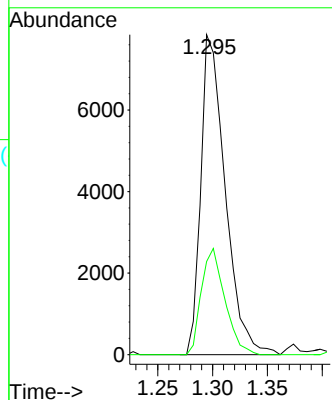
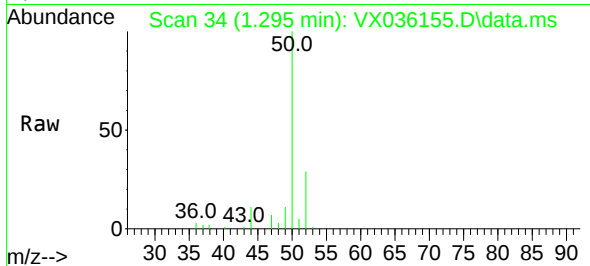
#3
Chloromethane
Concen: 4.851 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1216
Ion Ratio Lower Upper
50 100
52 29.1 25.5 38.3

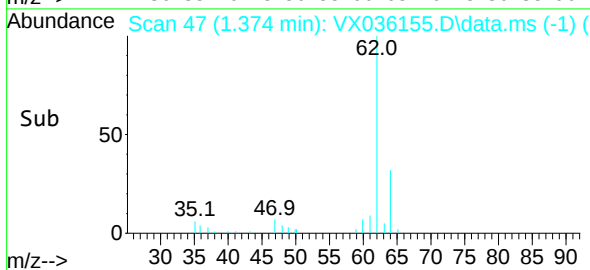
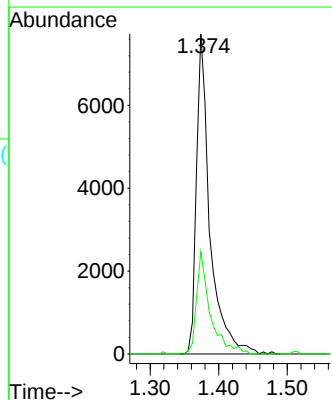
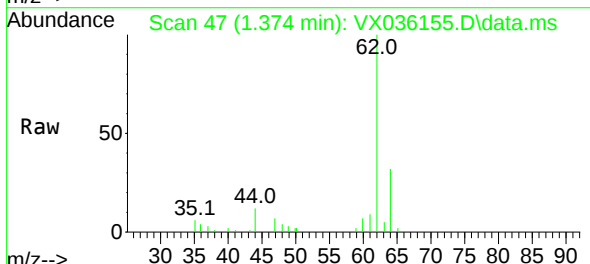
Manual Integrations
APPROVED

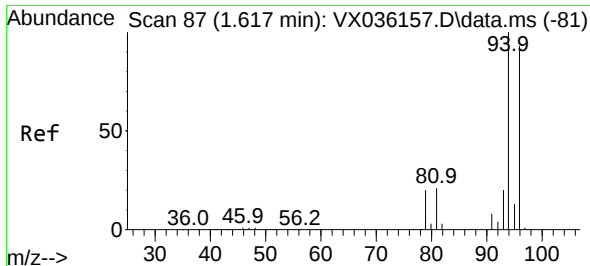
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#4
Vinyl Chloride
Concen: 4.460 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

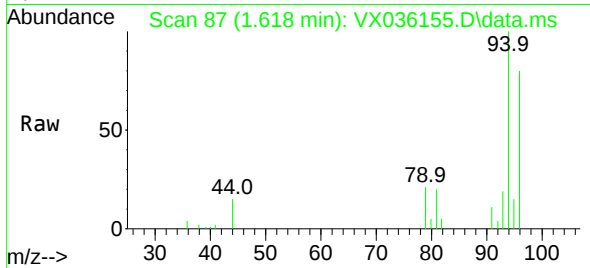
Tgt Ion: 62 Resp: 10534
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 4.543 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

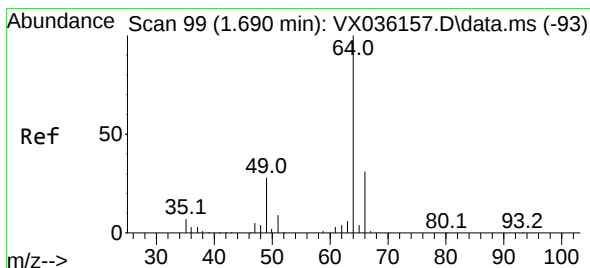
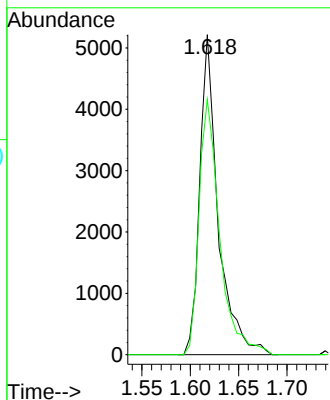
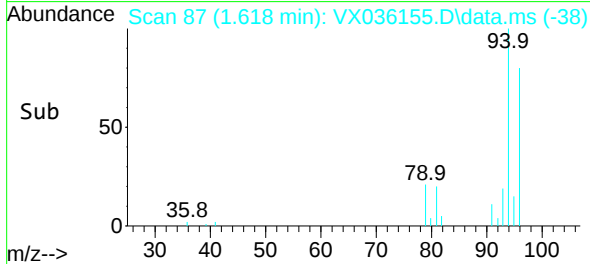
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 6909
Ion Ratio Lower Upper
94 100
96 79.7 74.6 111.8

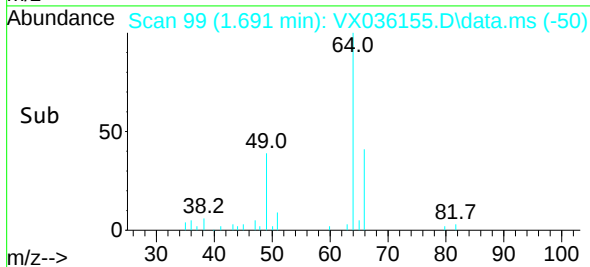
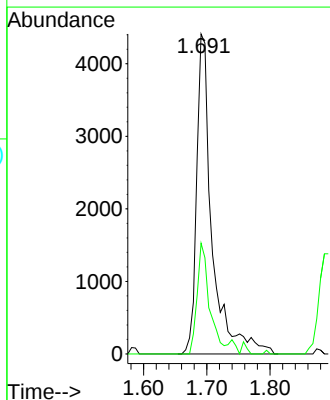
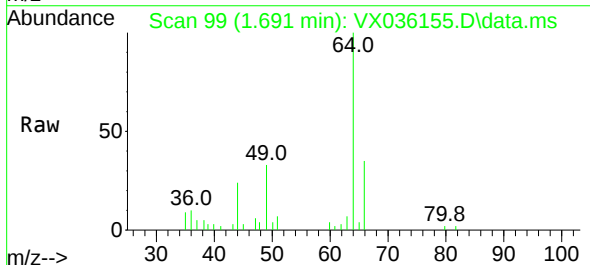
Manual Integrations
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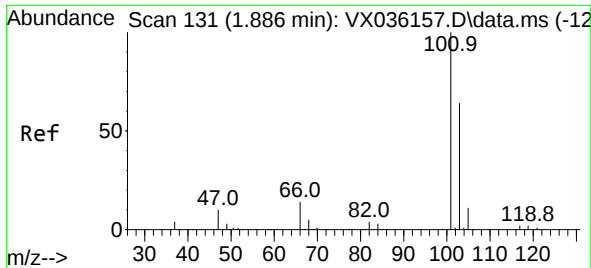
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#6
Chloroethane
Concen: 5.031 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

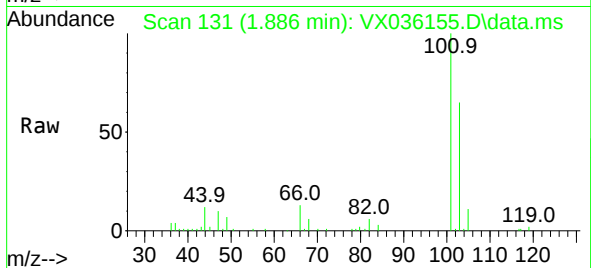
Tgt Ion: 64 Resp: 7495
Ion Ratio Lower Upper
64 100
66 34.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 4.316 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

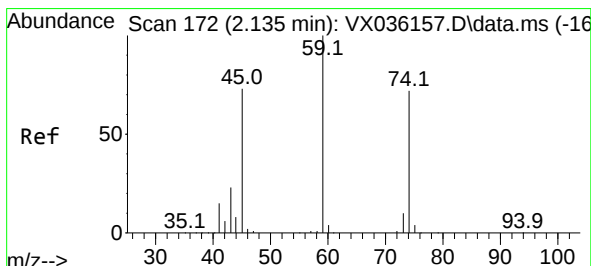
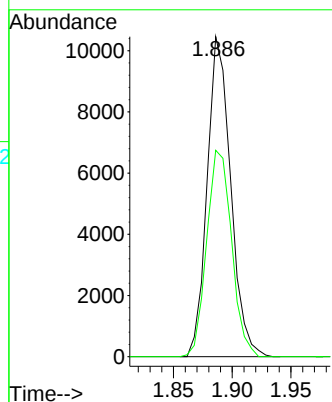
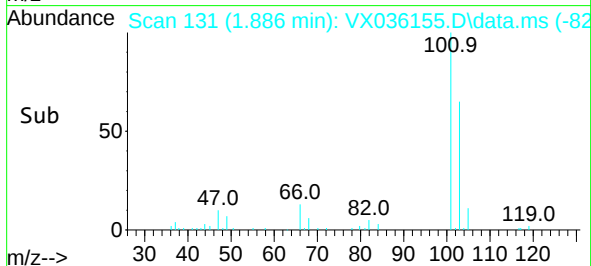
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



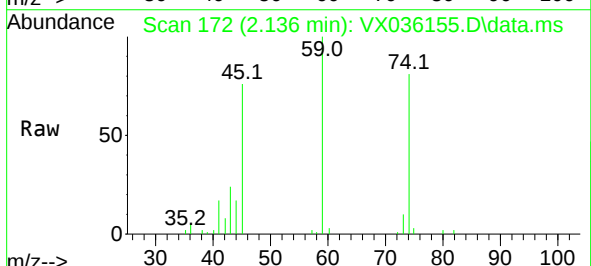
Tgt Ion:101 Resp: 1456
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

Manual Integrations
APPROVED

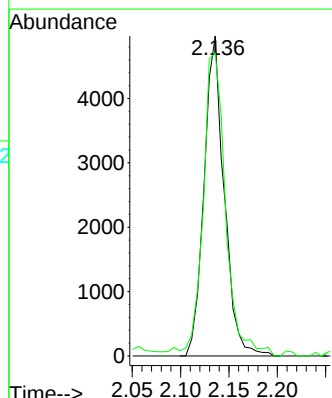
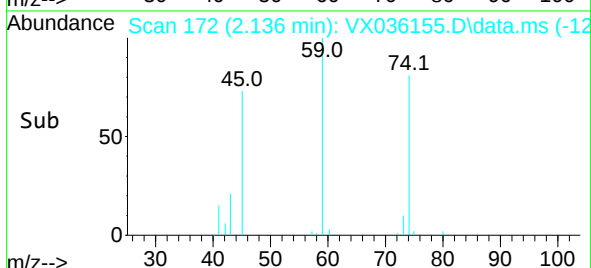
Reviewed By :John Carlone 06/15/2023
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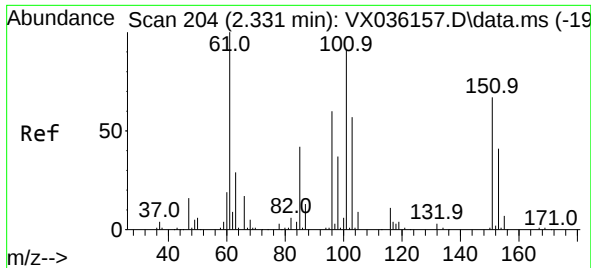


#8
Diethyl Ether
Concen: 5.114 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion: 74 Resp: 7192
Ion Ratio Lower Upper
74 100
45 106.9 53.3 159.8





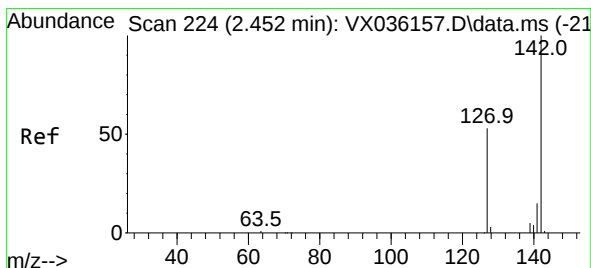
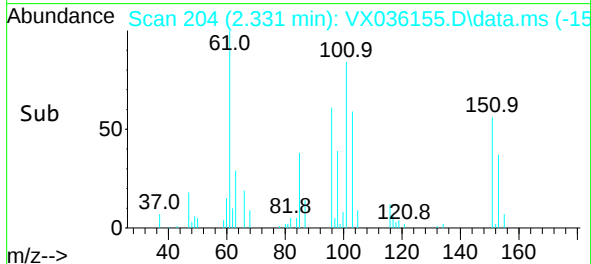
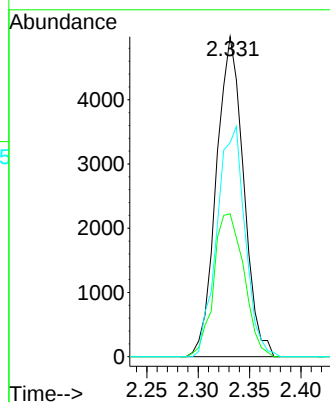
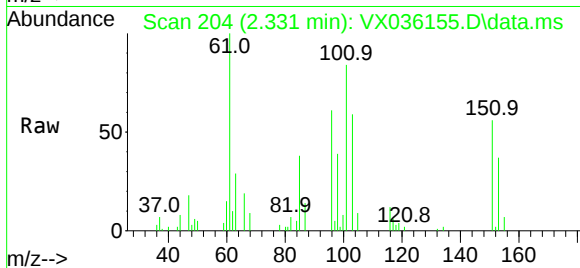
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.480 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 9188
Ion Ratio Lower Upper
101 100
85 49.6 37.0 55.6
151 74.1 58.6 87.8

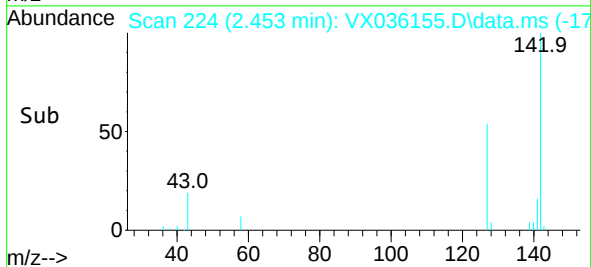
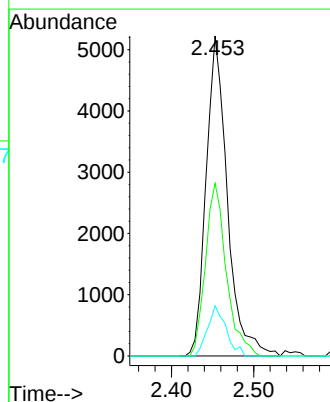
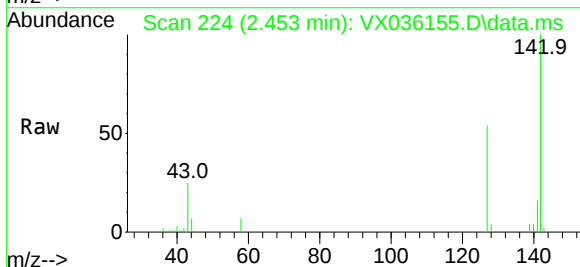
Manual Integrations
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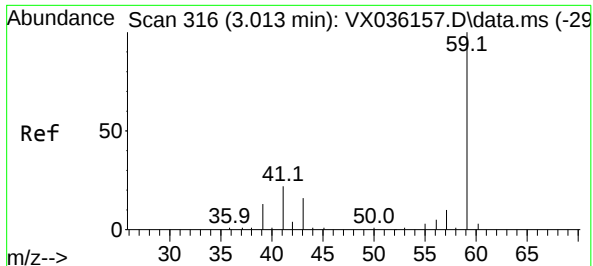
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#10
Methyl Iodide
Concen: 4.099 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion:142 Resp: 9382
Ion Ratio Lower Upper
142 100
127 53.0 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 23.528 ug/l m

RT: 3.038 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 1398

Ion Ratio Lower Upper

59 100

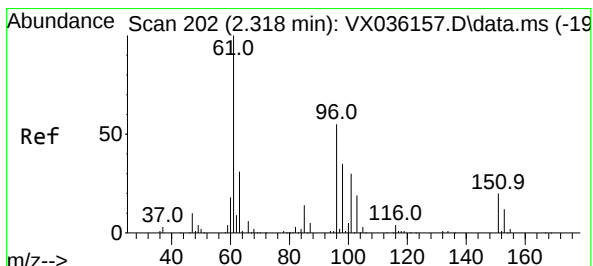
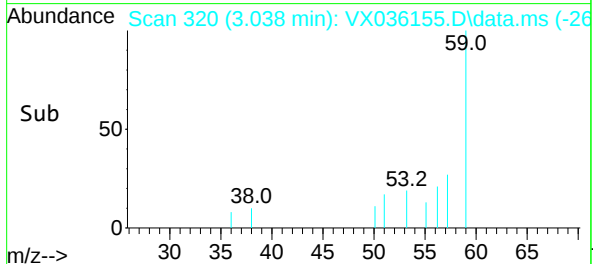
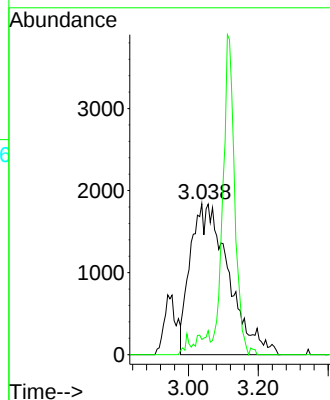
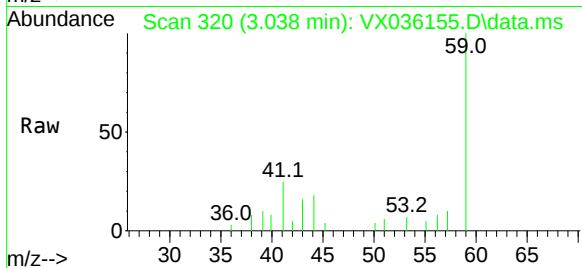
57 2.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#12

1,1-Dichloroethene

Concen: 4.596 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

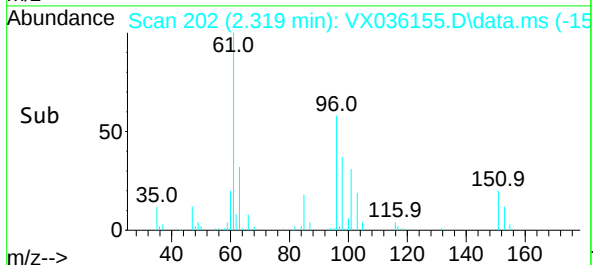
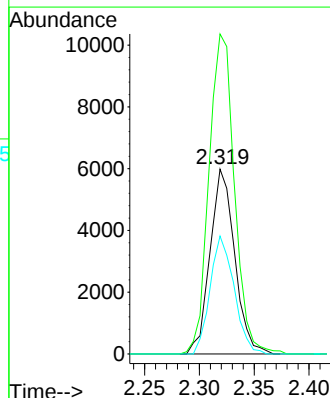
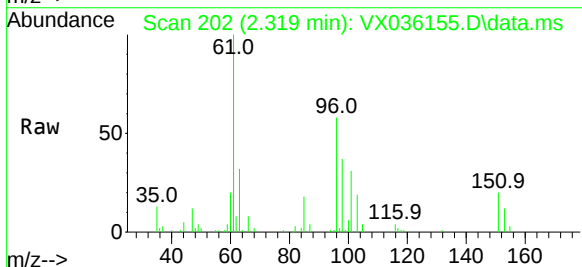
Tgt Ion: 96 Resp: 9371

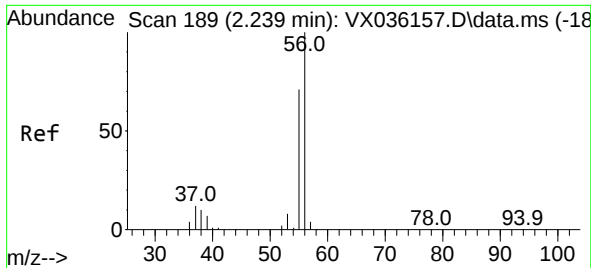
Ion Ratio Lower Upper

96 100

61 173.1 144.6 216.8

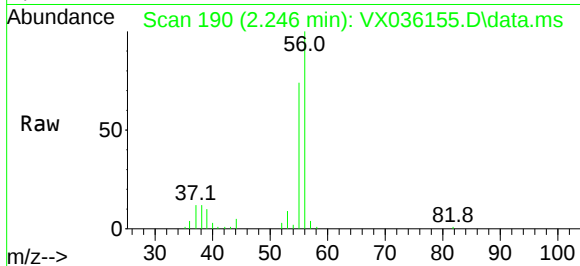
98 63.8 50.4 75.6





#13
Acrolein
Concen: 25.932 ug/l
RT: 2.246 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

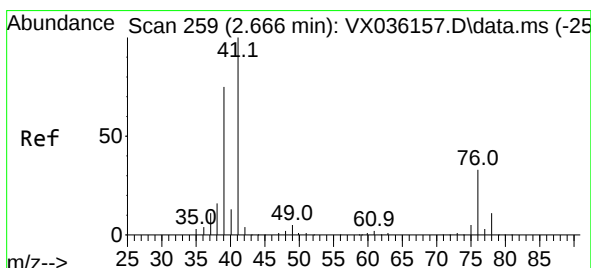
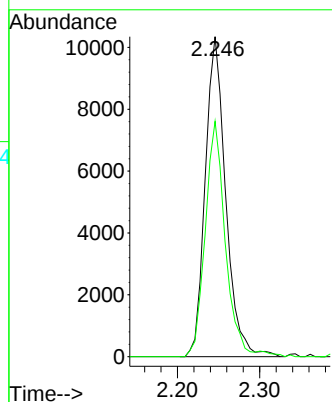
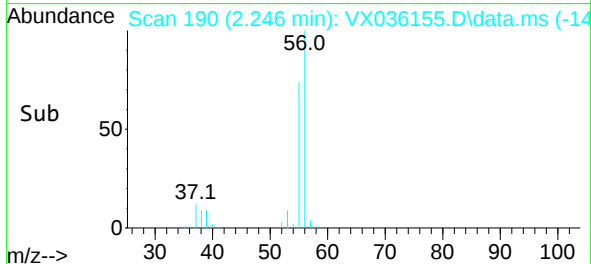
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



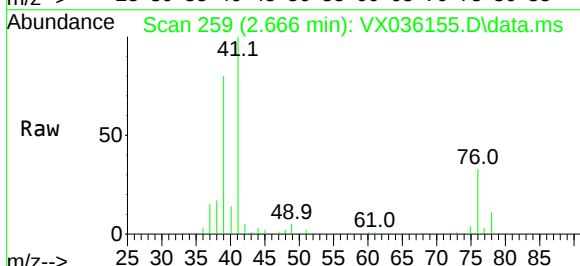
Tgt Ion: 56 Resp: 1792
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

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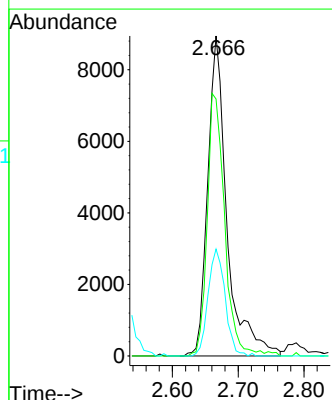
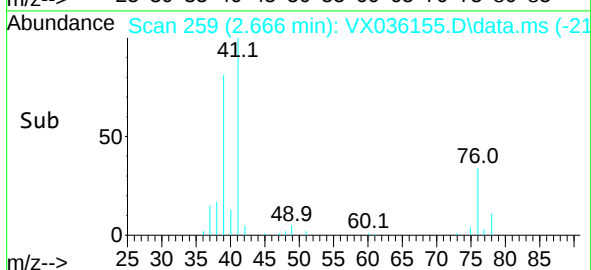
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

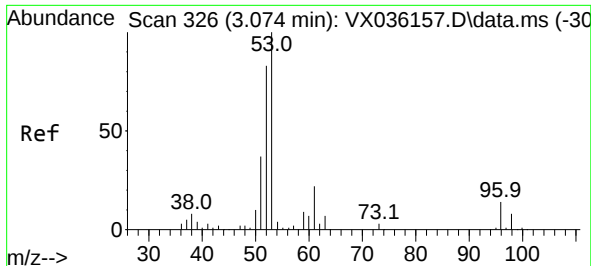


#14
Allyl chloride
Concen: 4.402 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



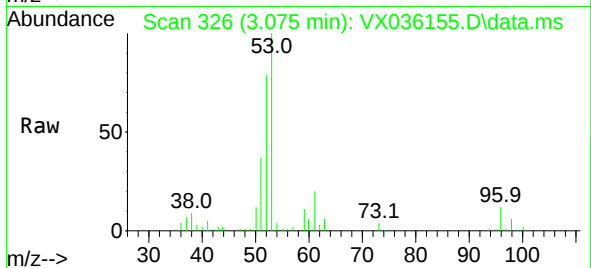
Tgt Ion: 41 Resp: 18258
Ion Ratio Lower Upper
41 100
39 74.4 55.8 83.6
76 29.5 24.3 36.5





#15
Acrylonitrile
Concen: 24.064 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

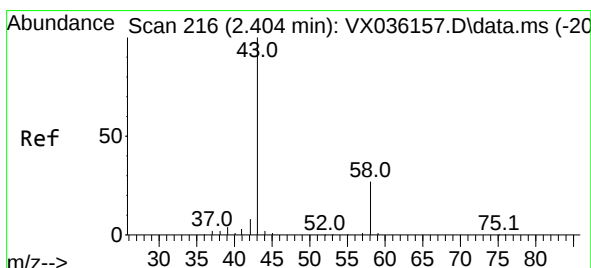
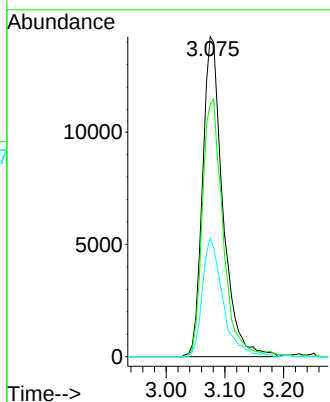
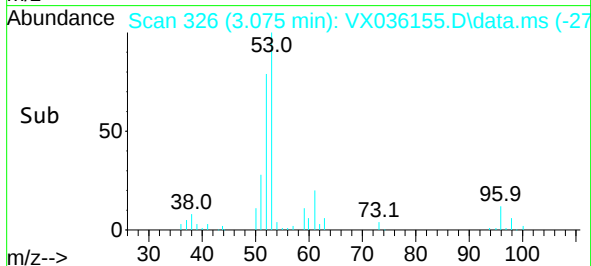
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



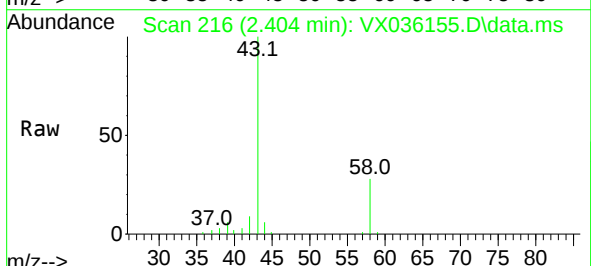
Tgt Ion: 53 Resp: 34070
Ion Ratio Lower Upper
53 100
52 81.2 66.0 99.0
51 37.6 29.8 44.6

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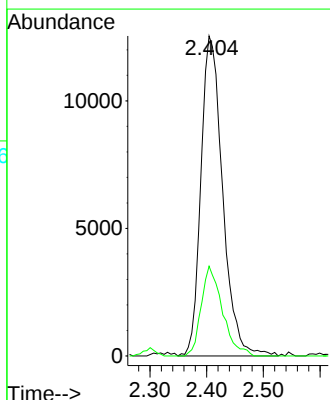
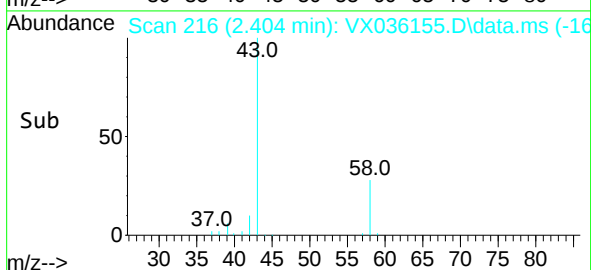
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

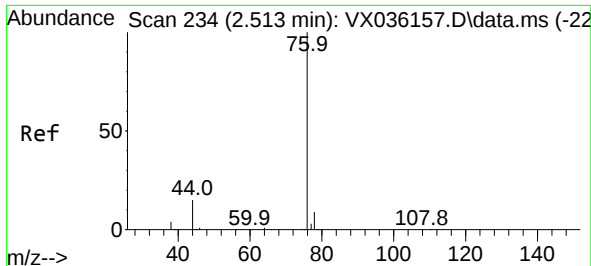


#16
Acetone
Concen: 24.093 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion: 43 Resp: 33395
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9





#17

Carbon Disulfide

Concen: 4.023 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 20875

Ion Ratio Lower Upper

76 100

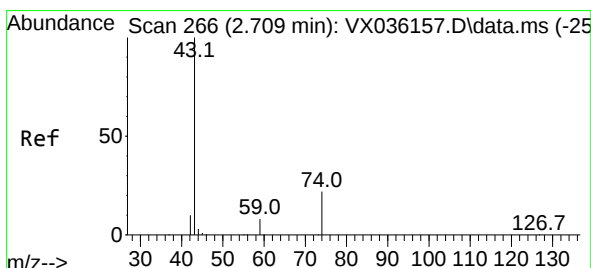
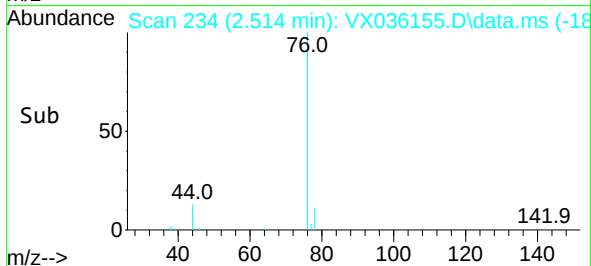
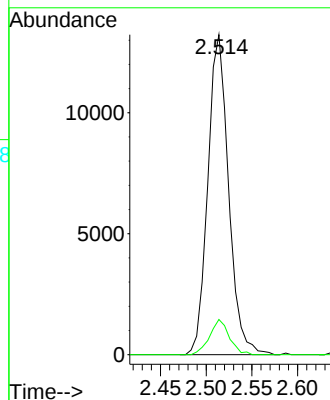
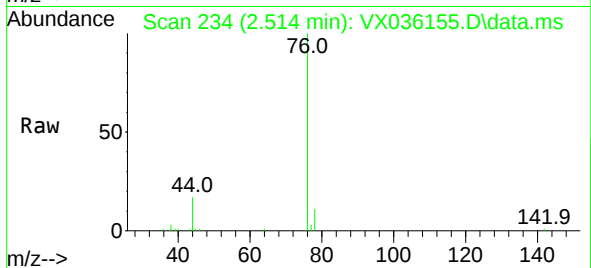
78 11.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#18

Methyl Acetate

Concen: 4.860 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036155.D

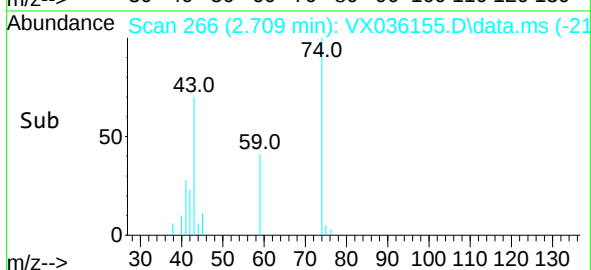
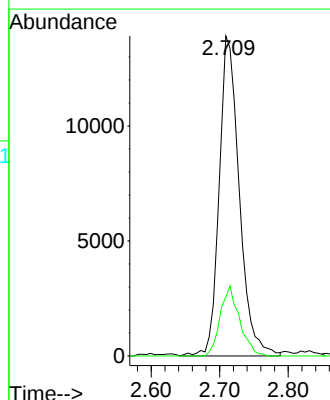
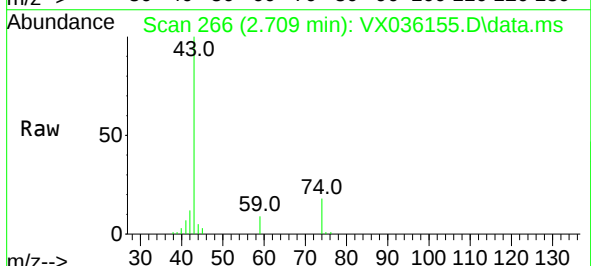
Acq: 14 Jun 2023 14:50

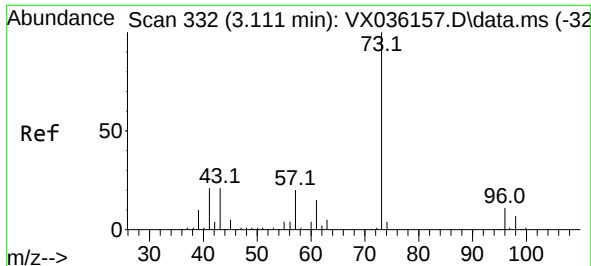
Tgt Ion: 43 Resp: 28315

Ion Ratio Lower Upper

43 100

74 21.0 17.8 26.8





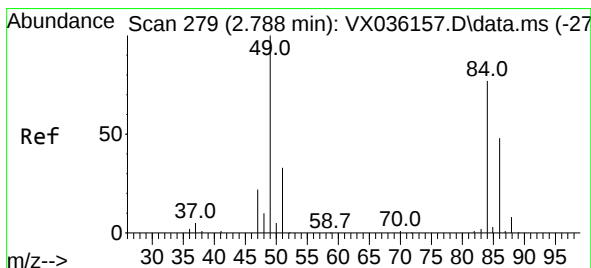
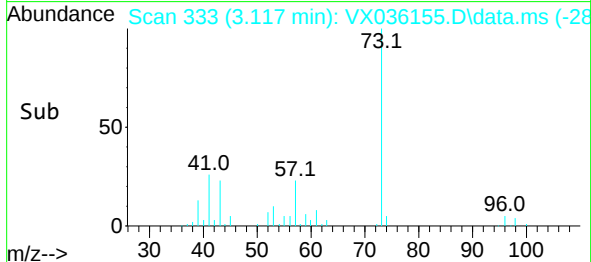
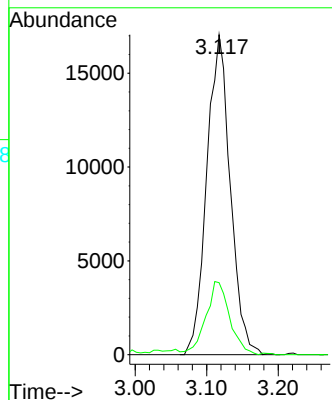
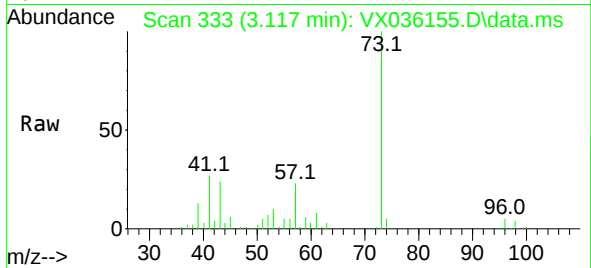
#19
Methyl tert-butyl Ether
Concen: 4.812 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3892
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

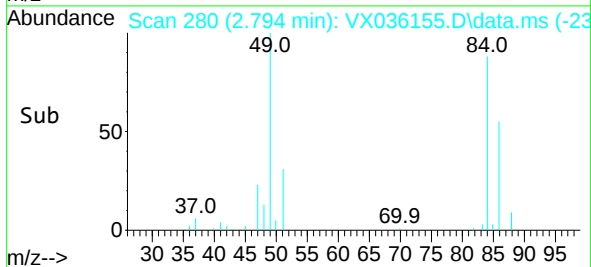
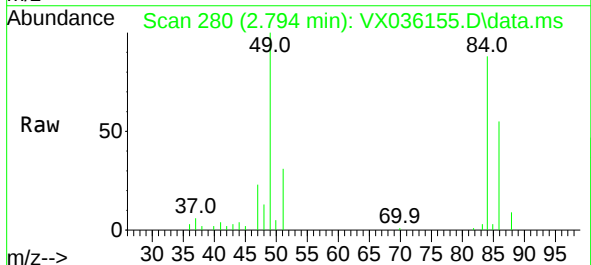
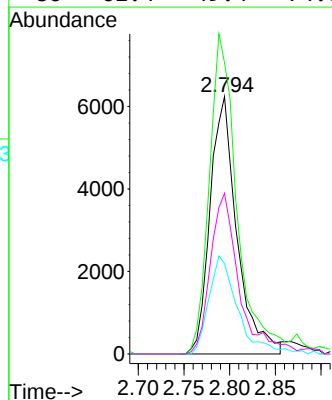
Manual Integrations
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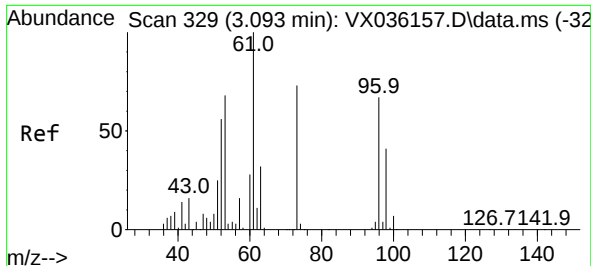
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#20
Methylene Chloride
Concen: 4.970 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

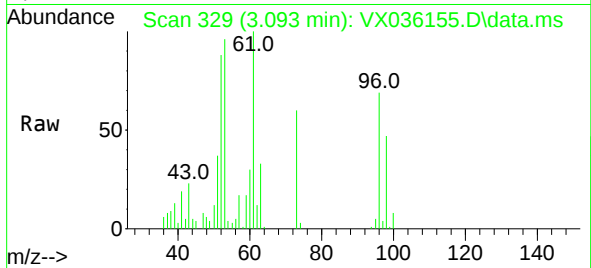
Tgt Ion: 84 Resp: 12753
Ion Ratio Lower Upper
84 100
49 113.1 103.6 155.4
51 35.0 33.8 50.6
86 62.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.658 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

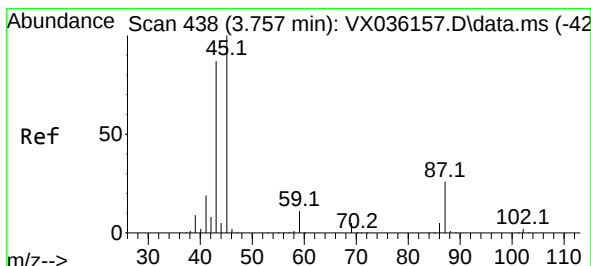
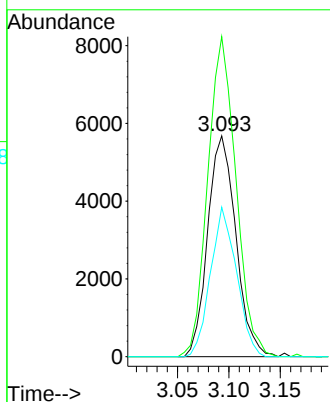
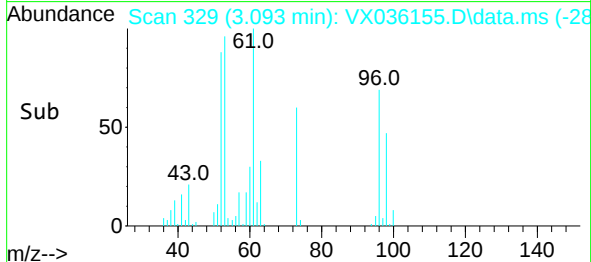
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



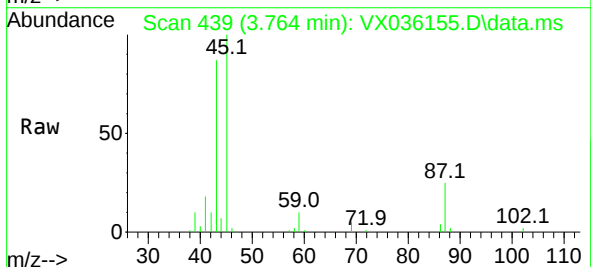
Tgt Ion: 96 Resp: 1083
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 67.7 48.7 73.1

Manual Integrations
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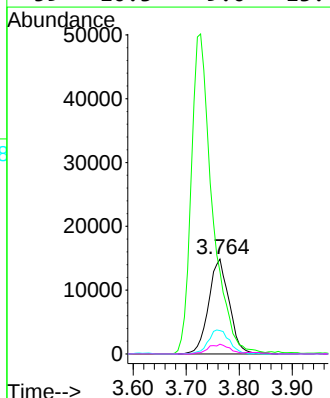
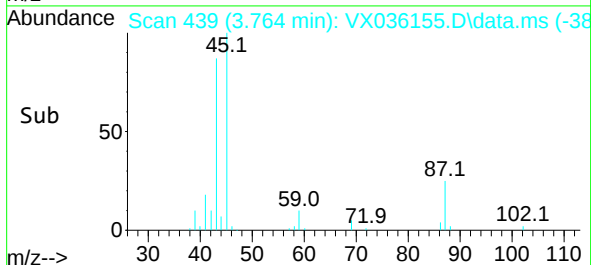
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

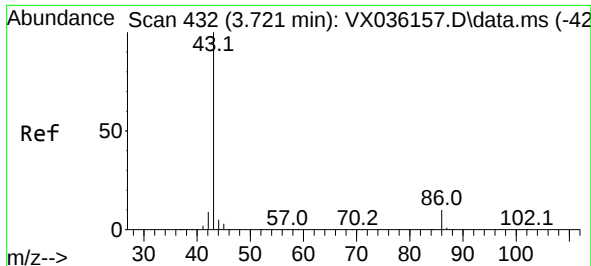


#22
Diisopropyl ether
Concen: 4.904 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion: 45 Resp: 40028
Ion Ratio Lower Upper
45 100
43 84.4 69.7 104.5
87 24.7 20.8 31.2
59 10.3 9.0 13.4





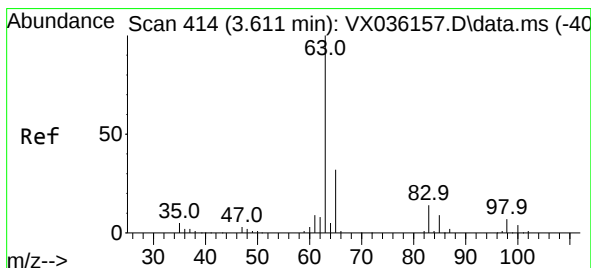
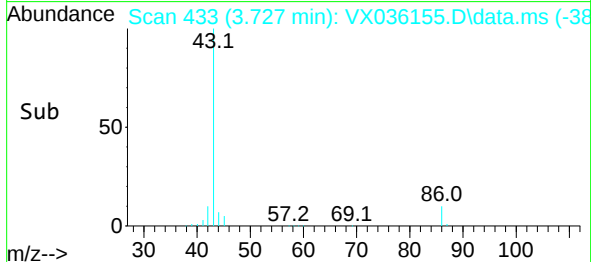
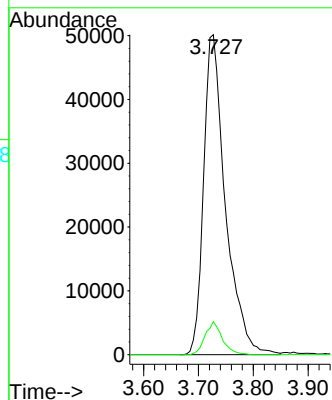
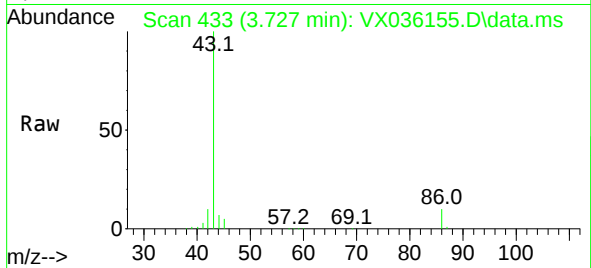
#23
Vinyl Acetate
Concen: 23.240 ug/l
RT: 3.727 min Scan# 41
Delta R.T. 0.007 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 138674
Ion Ratio Lower Upper
43 100
86 10.3 7.8 11.8

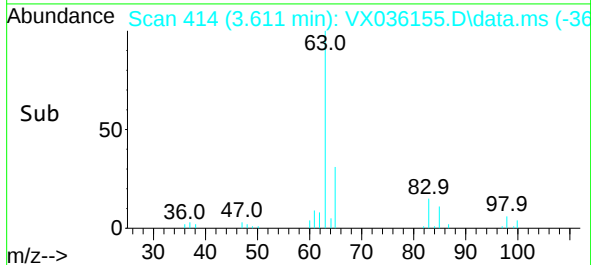
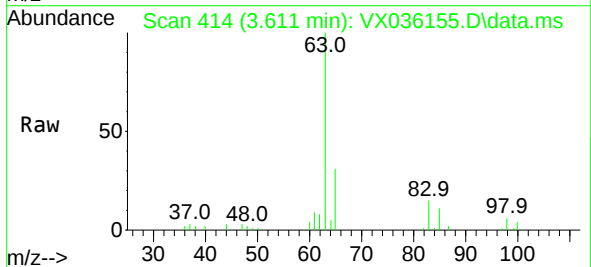
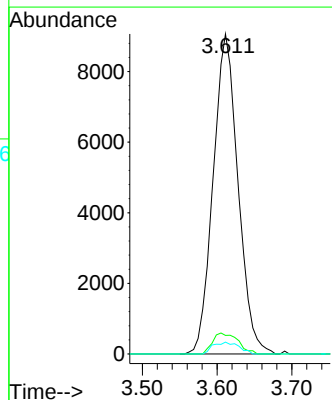
Manual Integrations
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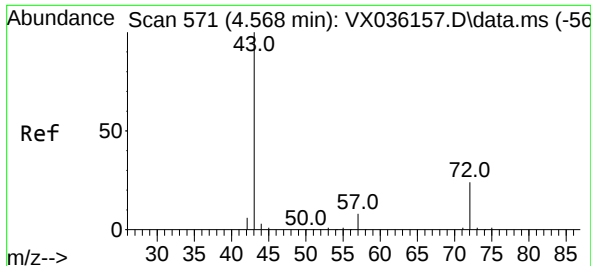
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#24
1,1-Dichloroethane
Concen: 4.659 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

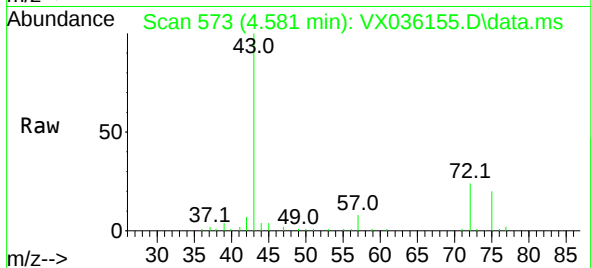
Tgt Ion: 63 Resp: 20981
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.8
100 3.7 2.1 6.5





#25
2-Butanone
Concen: 23.648 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

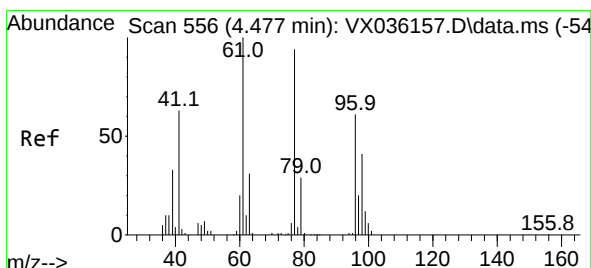
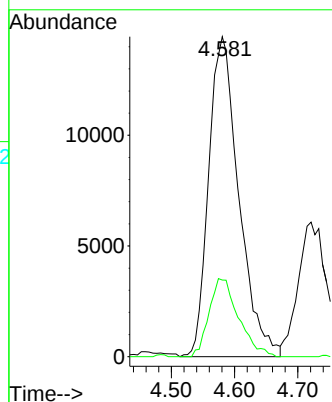
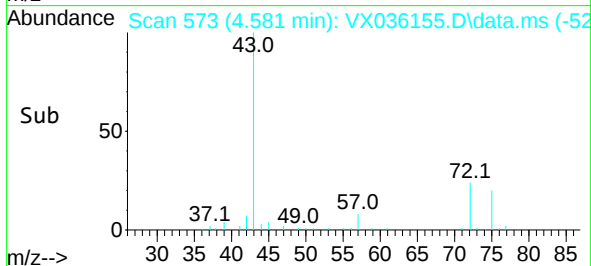
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 4788
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

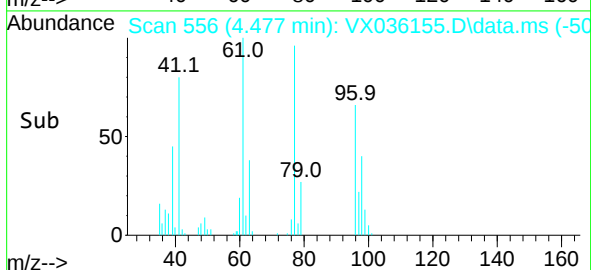
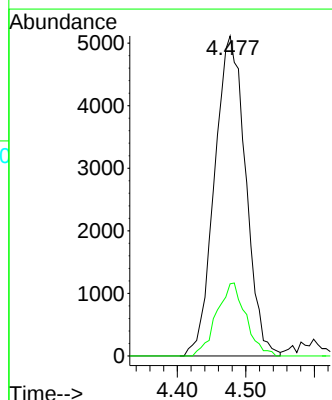
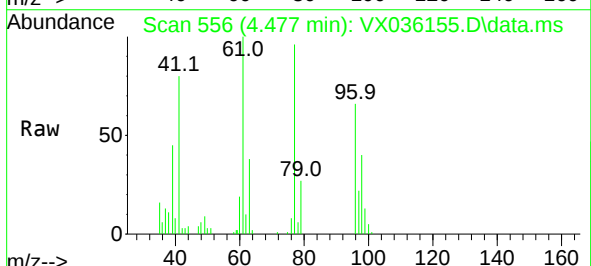
Manual Integrations
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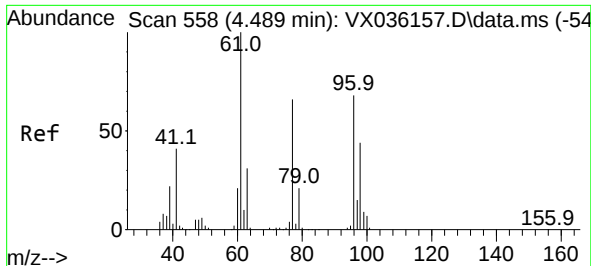
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#26
2,2-Dichloropropane
Concen: 4.469 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 77 Resp: 16106
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.815 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 12919

Ion Ratio Lower Upper

96 100

61 153.1 0.0 312.2

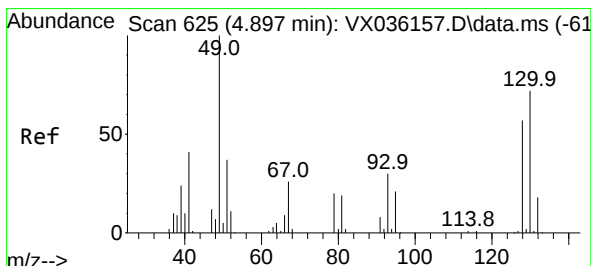
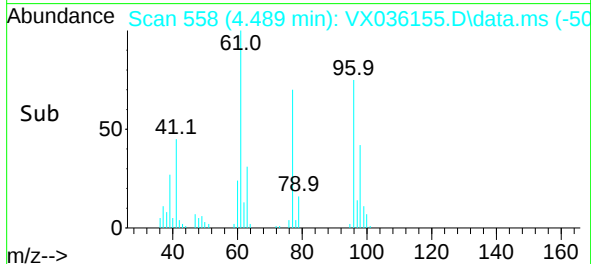
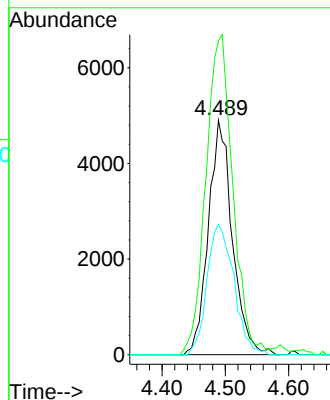
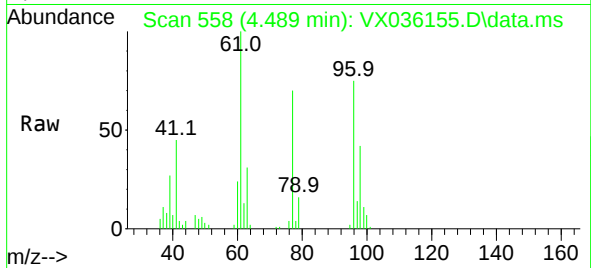
98 62.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#28

Bromochloromethane

Concen: 5.428 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

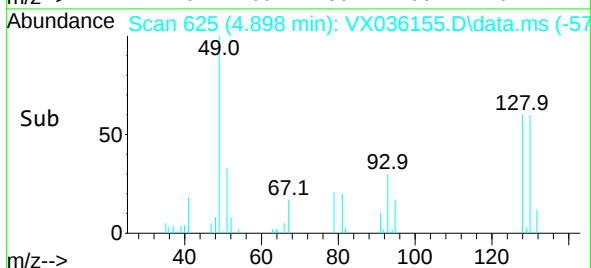
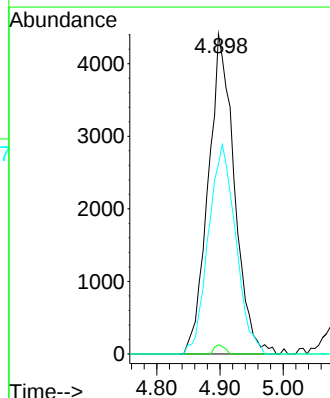
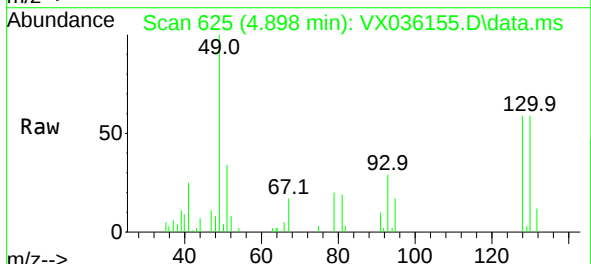
Tgt Ion: 49 Resp: 12652

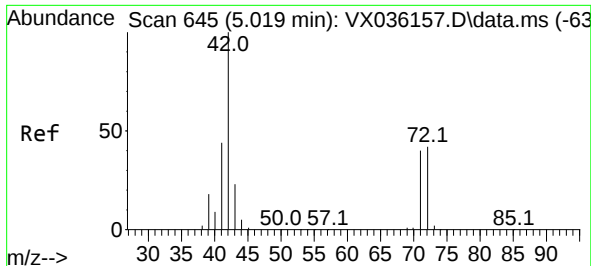
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 68.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 23.498 ug/l

RT: 5.032 min Scan# 645

Delta R.T. 0.013 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 30610

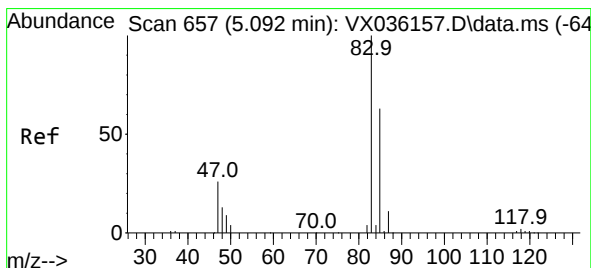
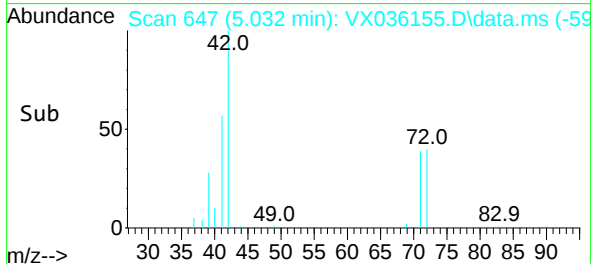
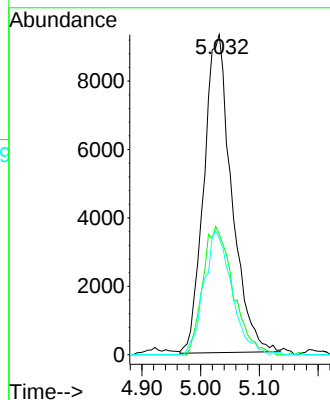
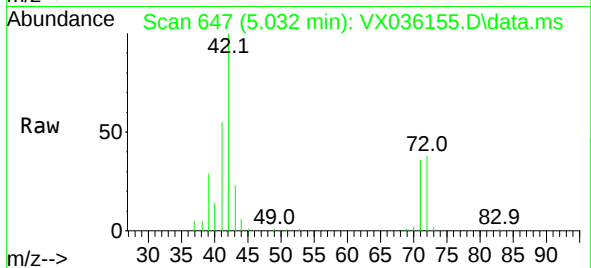
Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.4
71	39.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#30

Chloroform

Concen: 4.932 ug/l

RT: 5.093 min Scan# 657

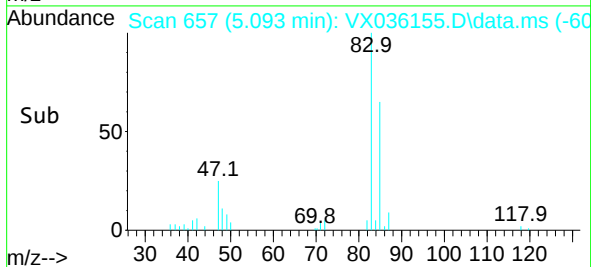
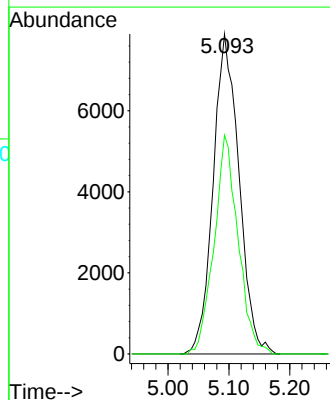
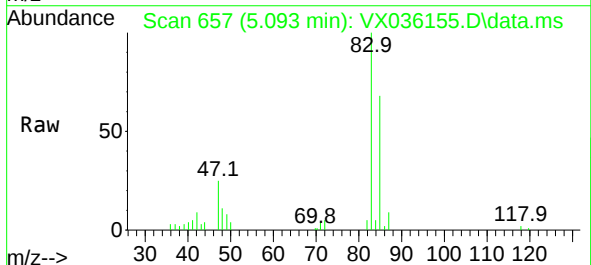
Delta R.T. 0.000 min

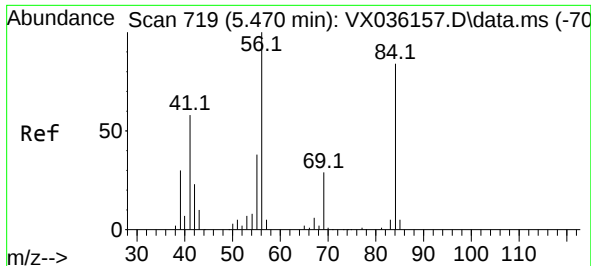
Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Tgt Ion: 83 Resp: 23256

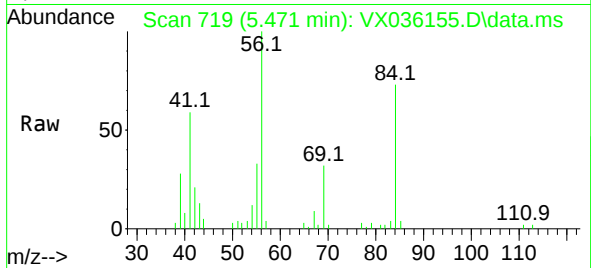
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.3	75.5





#31
Cyclohexane
Concen: 4.478 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

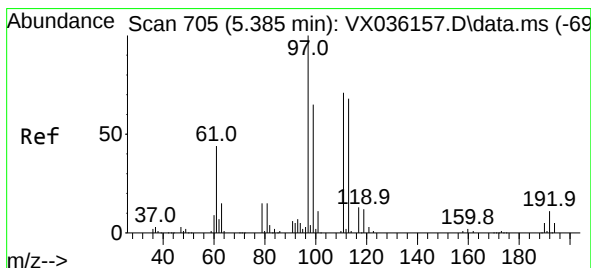
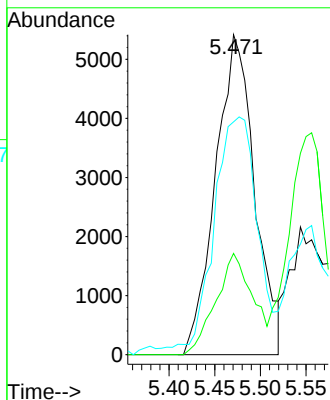
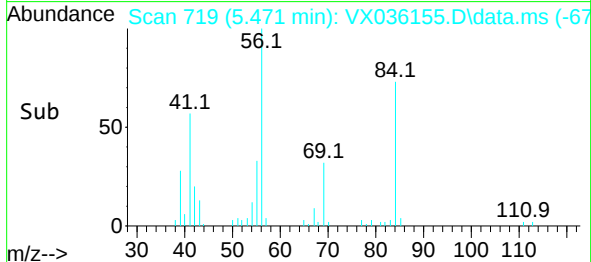
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 16118
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 69.5 65.9 98.9

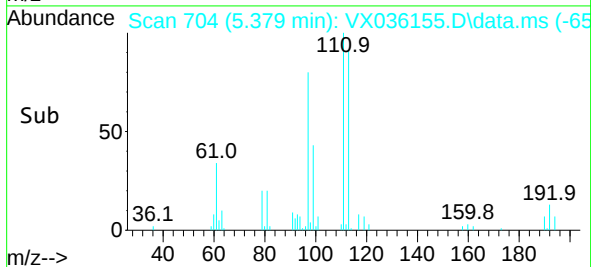
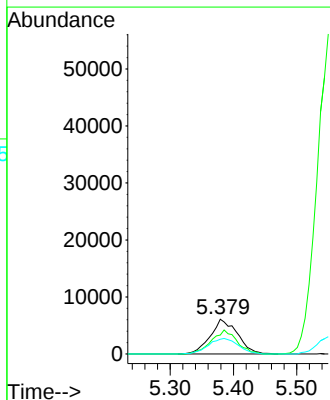
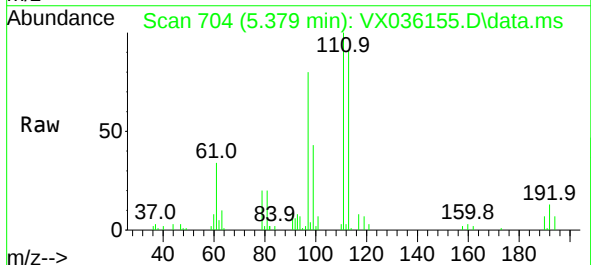
Manual Integrations
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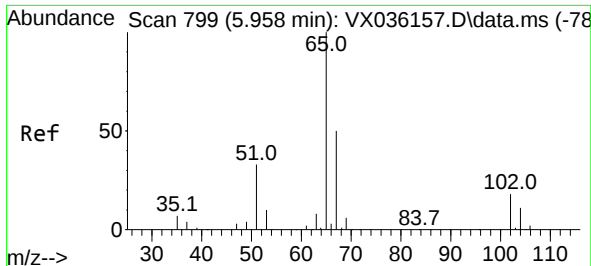
Reviewed By :John Carbone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#32
1,1,1-Trichloroethane
Concen: 4.555 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 97 Resp: 18157
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 48.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.281 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 3327

Ion Ratio Lower Upper

65 100

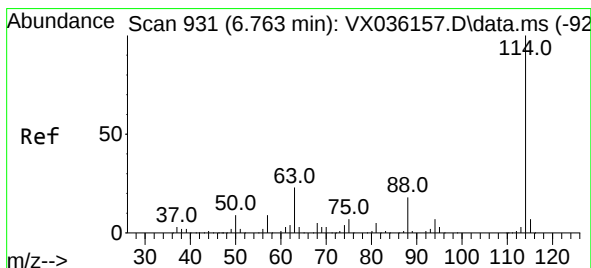
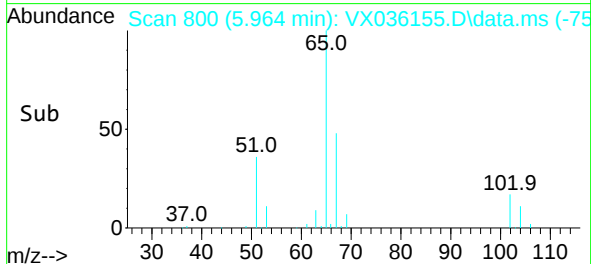
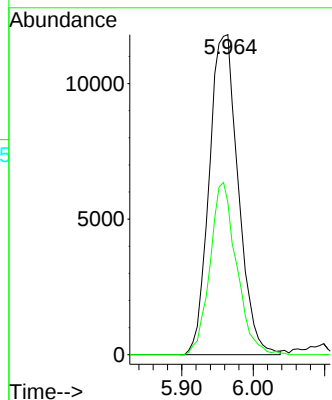
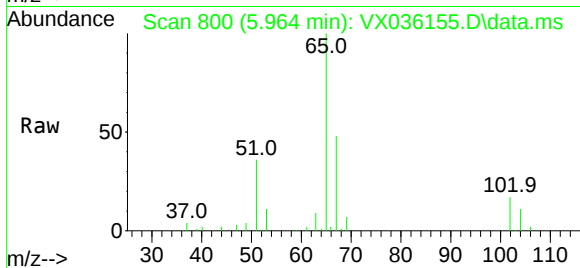
67 49.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

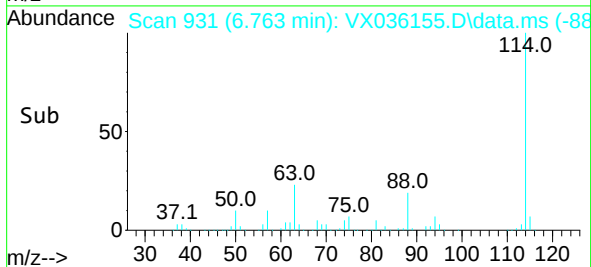
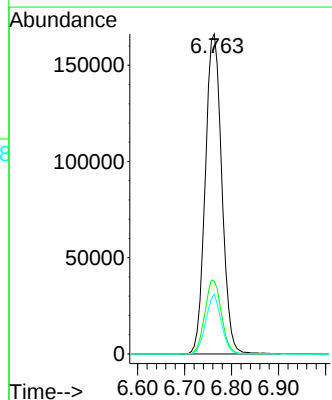
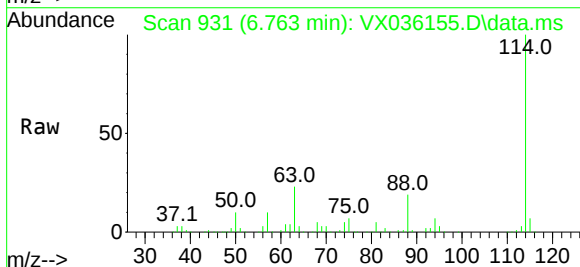
Tgt Ion:114 Resp: 404470

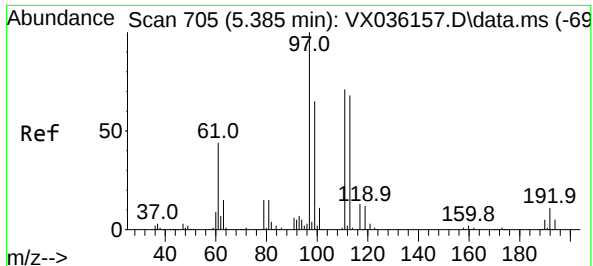
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

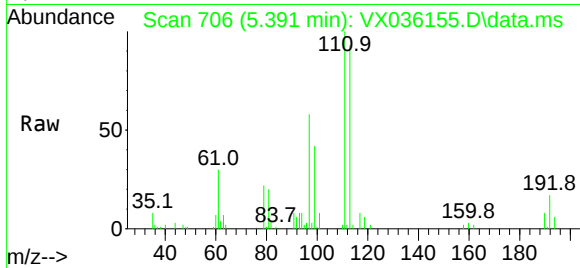
88 18.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.687 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

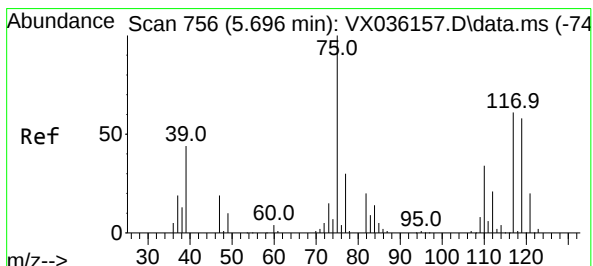
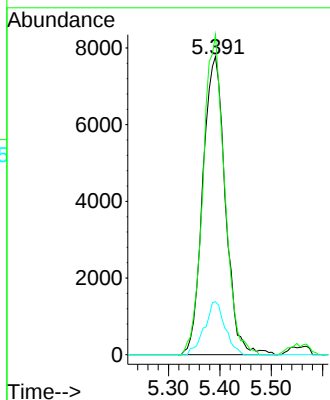
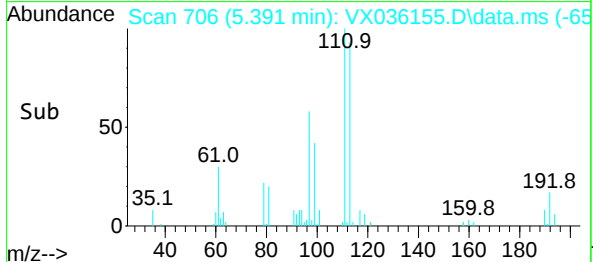
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 23669
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.1 13.3 19.9

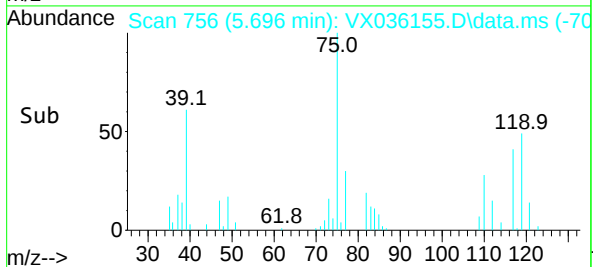
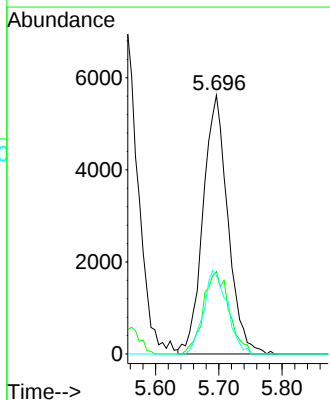
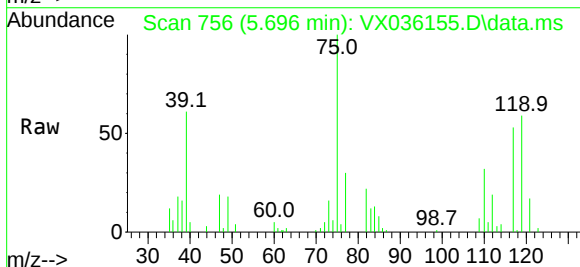
Manual Integrations
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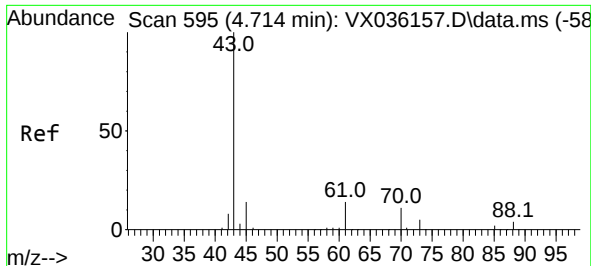
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#36
1,1-Dichloropropene
Concen: 4.406 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 75 Resp: 15332
Ion Ratio Lower Upper
75 100
110 33.0 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 4.374 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 18694

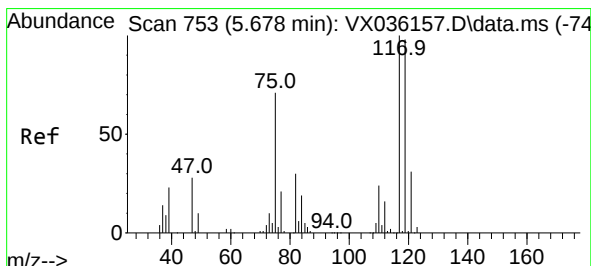
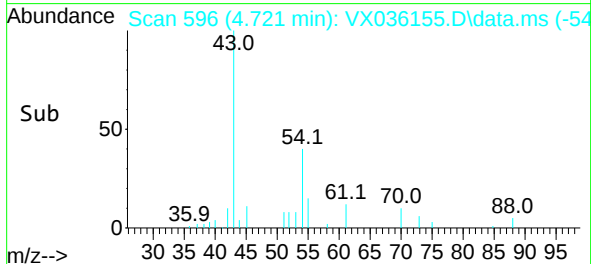
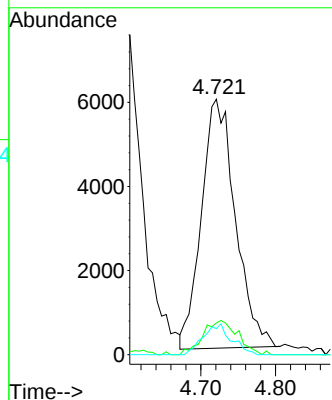
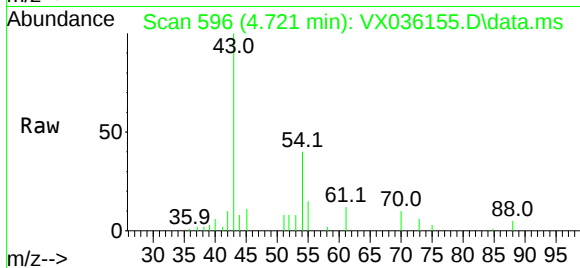
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	10.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#38

Carbon Tetrachloride

Concen: 4.054 ug/l

RT: 5.678 min Scan# 753

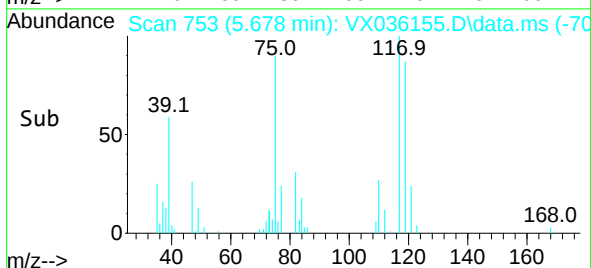
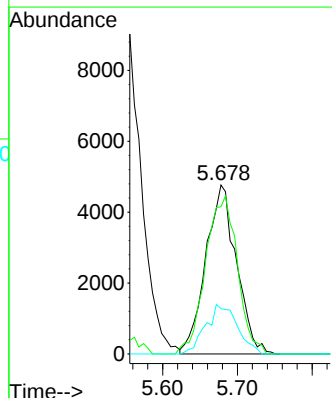
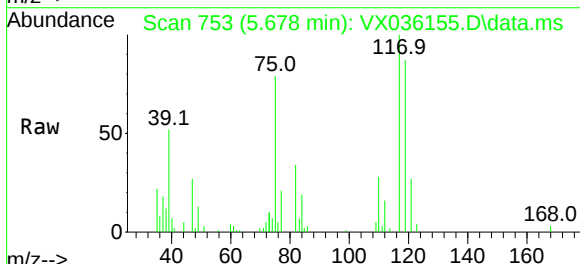
Delta R.T. 0.000 min

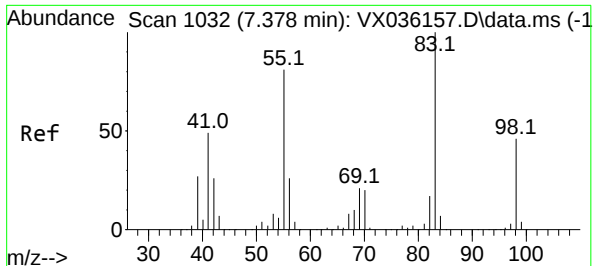
Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Tgt Ion:117 Resp: 13618

Ion	Ratio	Lower	Upper
117	100		
119	87.2	78.2	117.2
121	26.8	24.4	36.6





#39

Methylcyclohexane

Concen: 4.205 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

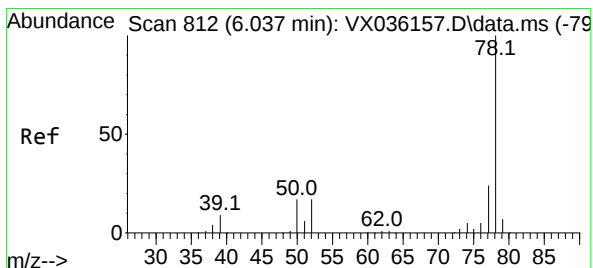
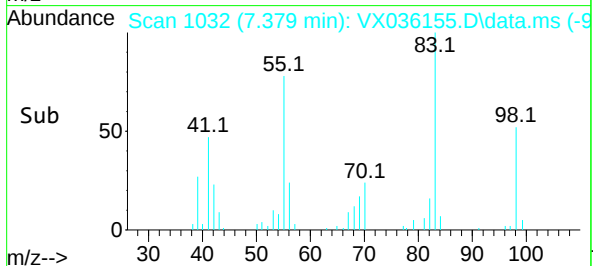
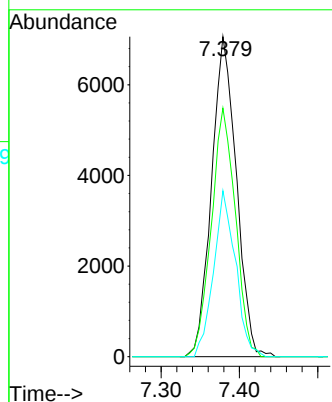
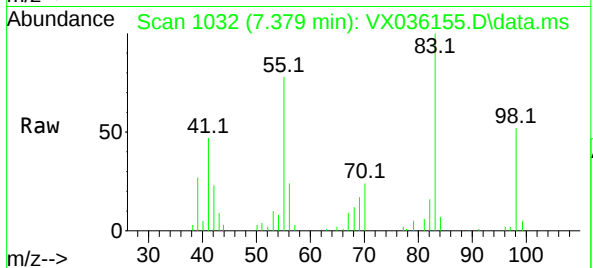
Tgt Ion: 83	Resp: 1554
Ion Ratio	Lower Upper
83 100	
55 77.7	64.6 97.0
98 51.8	36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#40

Benzene

Concen: 4.648 ug/l

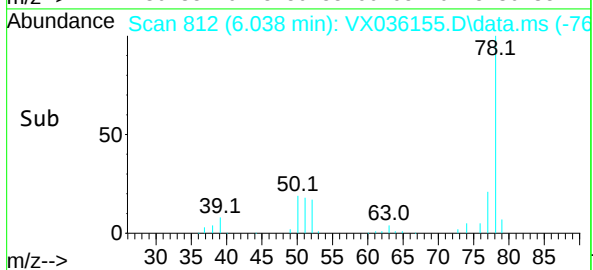
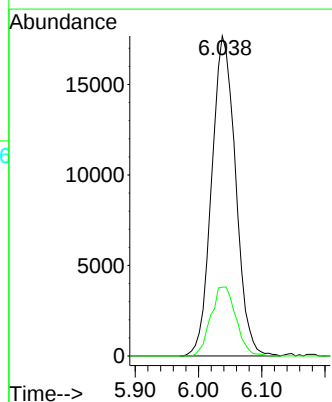
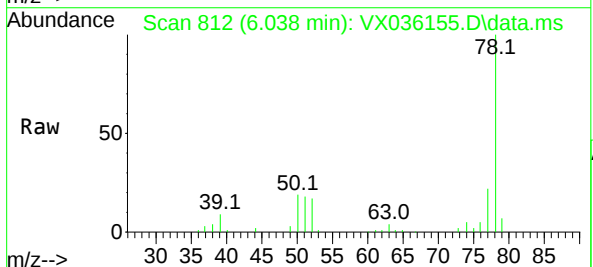
RT: 6.038 min Scan# 812

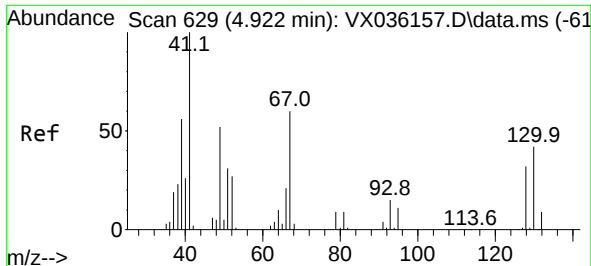
Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Tgt Ion: 78	Resp: 46416
Ion Ratio	Lower Upper
78 100	
77 21.5	19.3 28.9





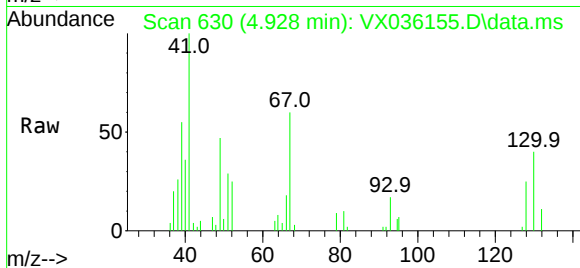
#41
Methacrylonitrile
Concen: 4.525 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



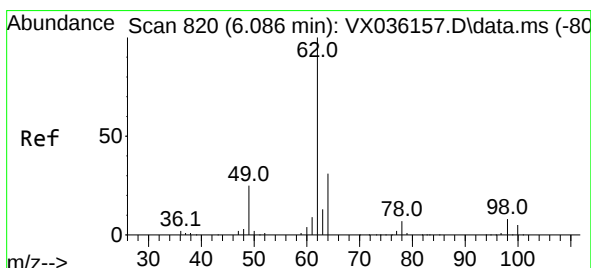
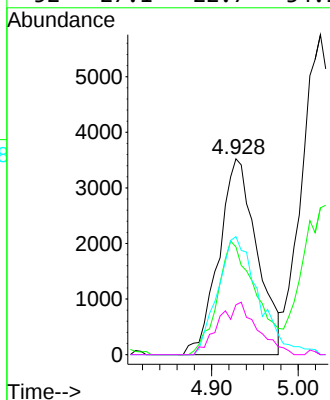
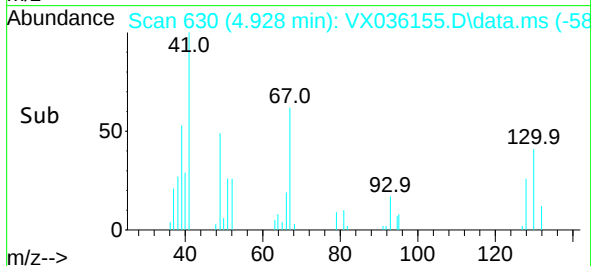
Tgt Ion: 41 Resp: 10784
Ion Ratio Lower Upper
41 100
39 59.4 45.2 67.8
67 64.5 52.6 78.8
52 27.1 22.7 34.1

Manual Integrations

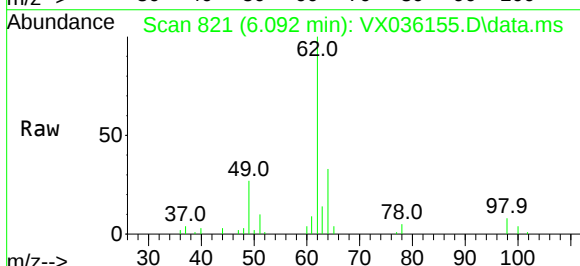
APPROVED

Reviewed By :John Carlone 06/15/2023

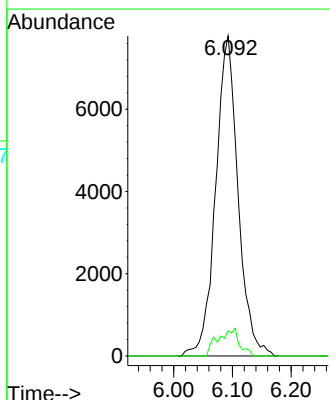
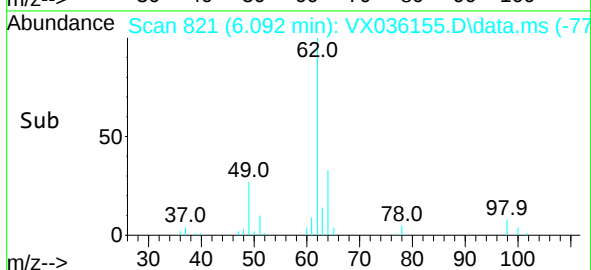
Supervised By :Mahesh Dadoda 06/15/2023

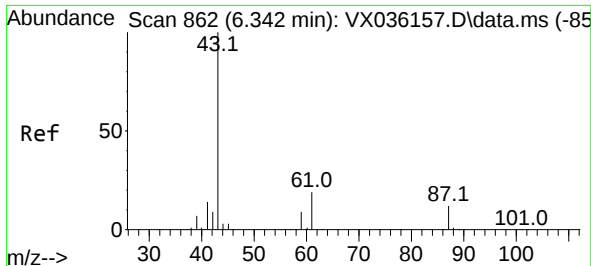


#42
1,2-Dichloroethane
Concen: 4.778 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion: 62 Resp: 20586
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.445 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

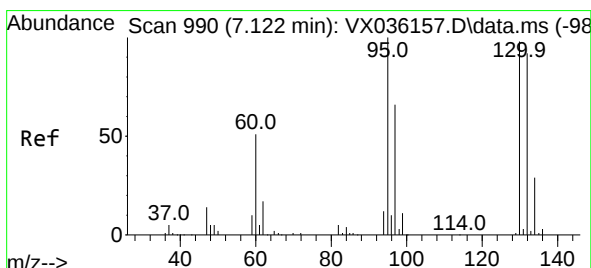
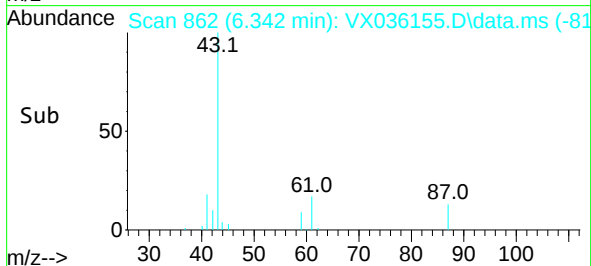
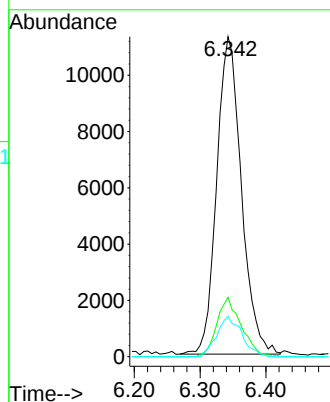
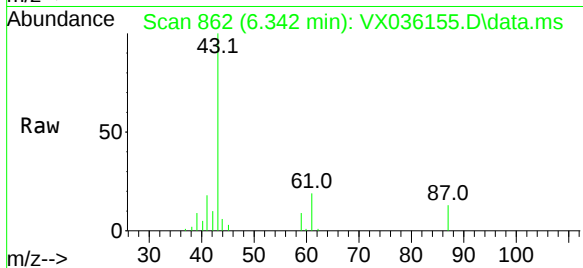
Tgt Ion: 43	Resp: 2946
Ion Ratio	Lower Upper
43 100	
61 18.5	15.2 22.8
87 12.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#44

Trichloroethene

Concen: 4.498 ug/l

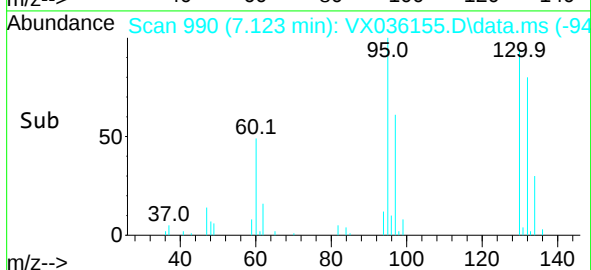
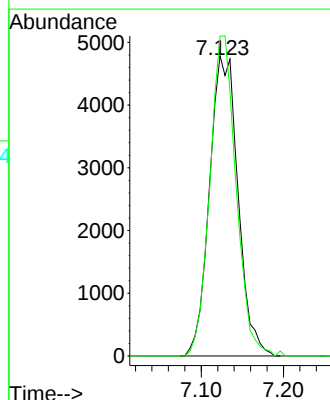
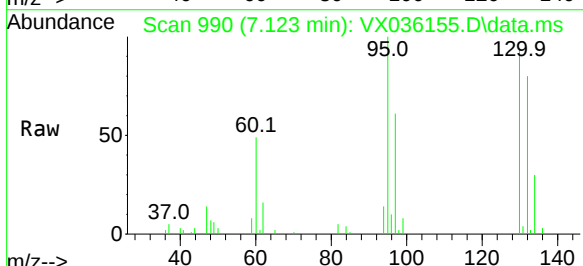
RT: 7.123 min Scan# 990

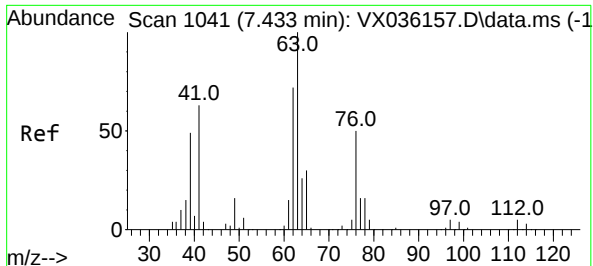
Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Tgt Ion:130	Resp: 11525
Ion Ratio	Lower Upper
130 100	
95 106.6	0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.565 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1193

Ion Ratio Lower Upper

63 100

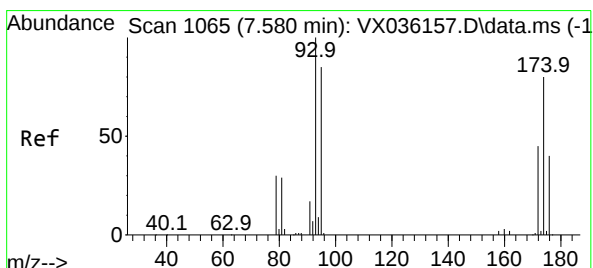
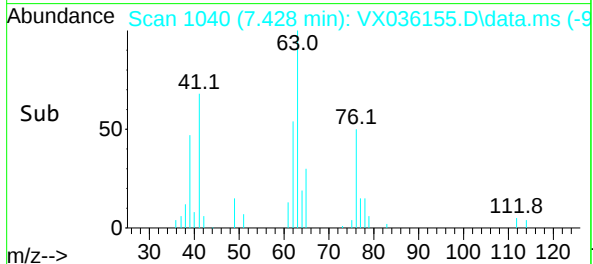
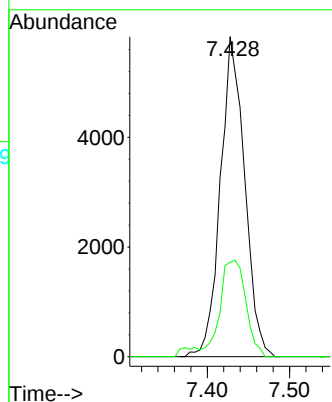
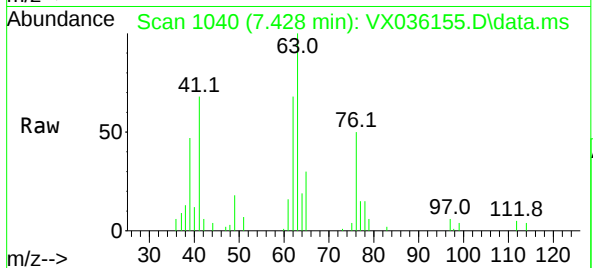
65 29.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#46

Dibromomethane

Concen: 4.573 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

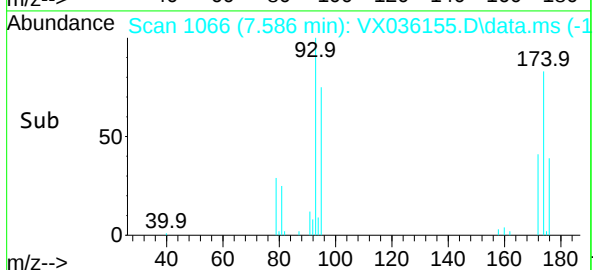
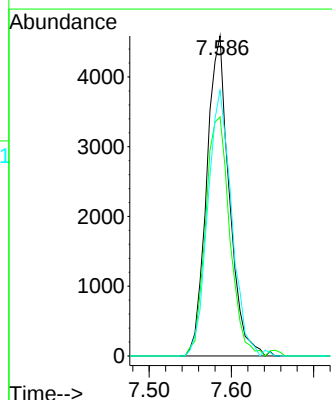
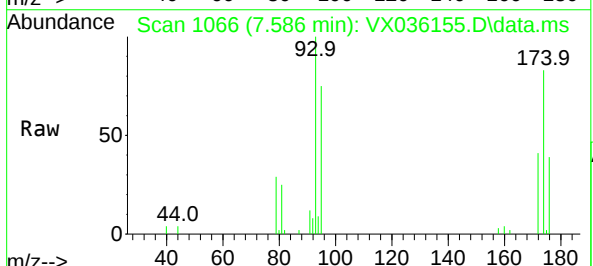
Tgt Ion: 93 Resp: 8731

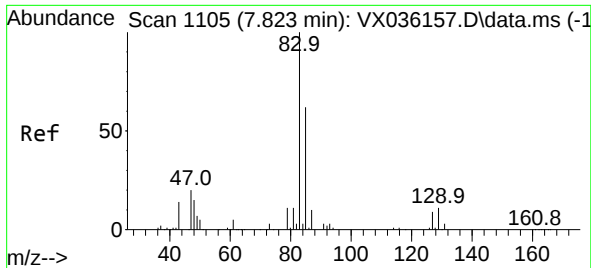
Ion Ratio Lower Upper

93 100

95 80.0 66.6 100.0

174 88.2 69.4 104.0





#47
Bromodichloromethane
Concen: 4.134 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

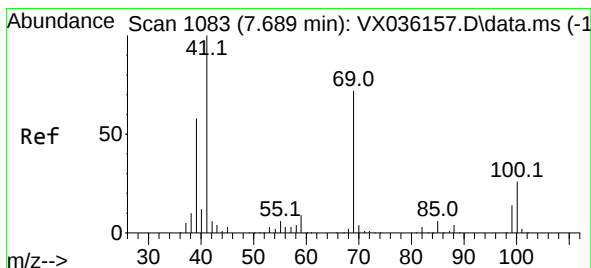
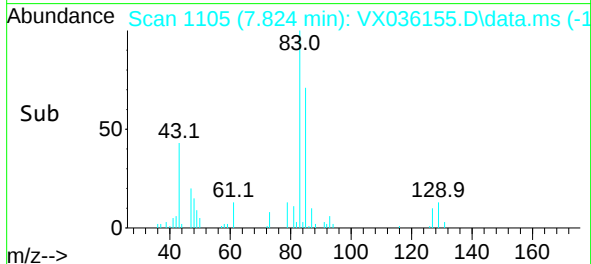
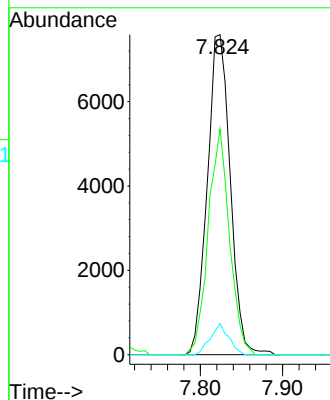
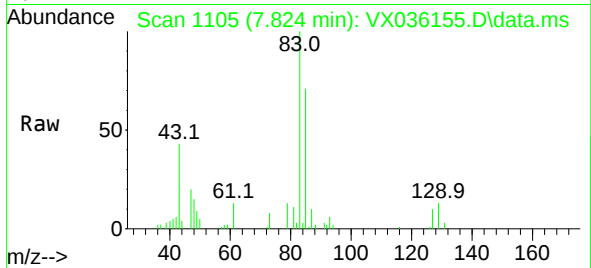
VSTDICC005

Tgt Ion: 83 Resp: 1471
Ion Ratio Lower Upper
83 100
85 70.5 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations

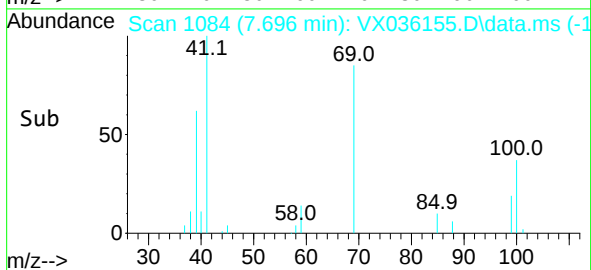
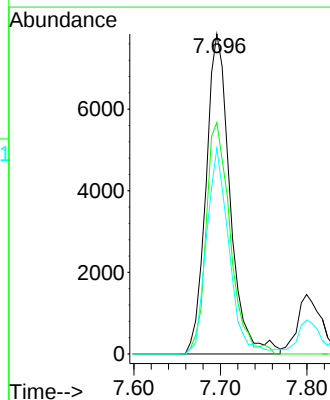
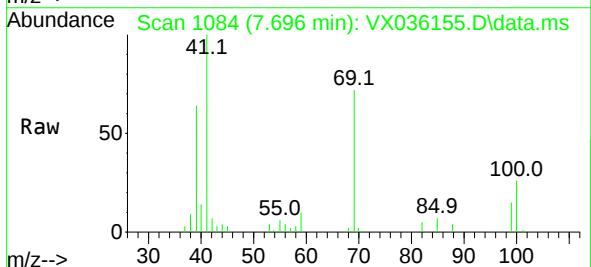
APPROVED

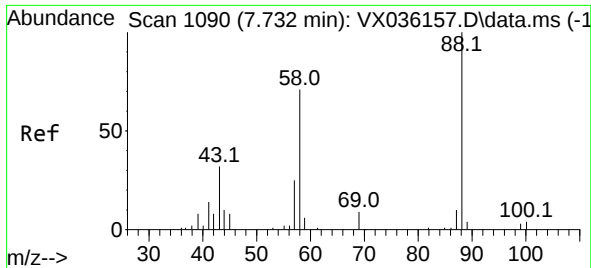
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#48
Methyl methacrylate
Concen: 4.575 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 41 Resp: 15096
Ion Ratio Lower Upper
41 100
69 72.5 59.2 88.8
39 60.0 47.7 71.5





#49
1,4-Dioxane
Concen: 94.890 ug/l
RT: 7.739 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

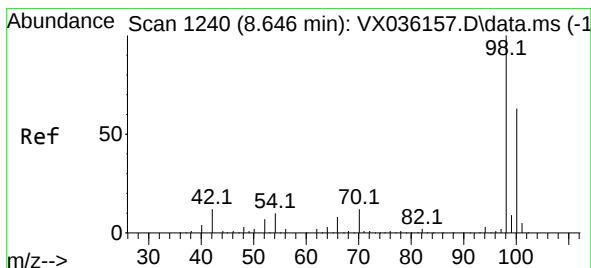
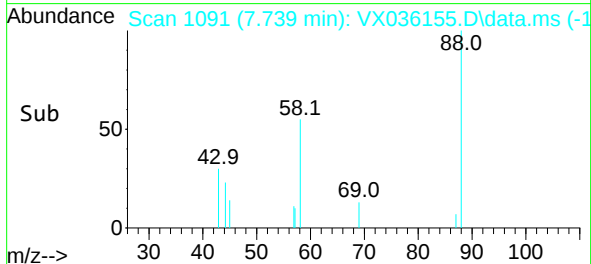
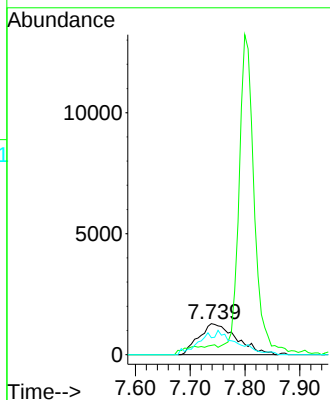
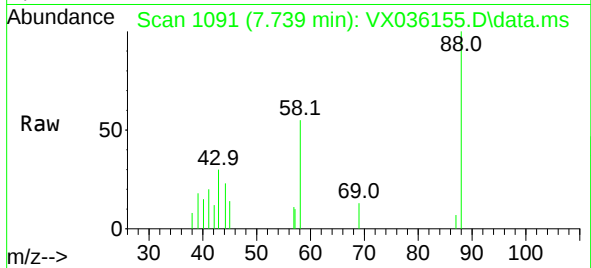
Tgt Ion: 88 Resp: 6120
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 27.7 60.1 90.1

Manual Integrations

APPROVED

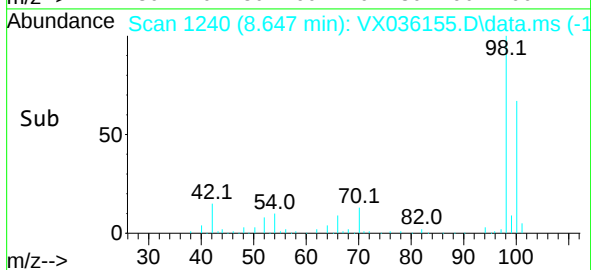
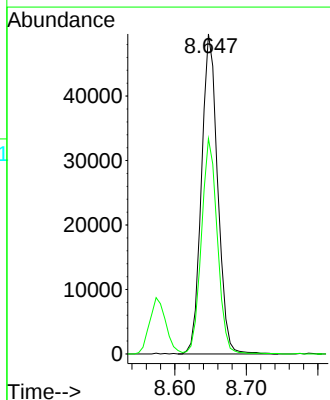
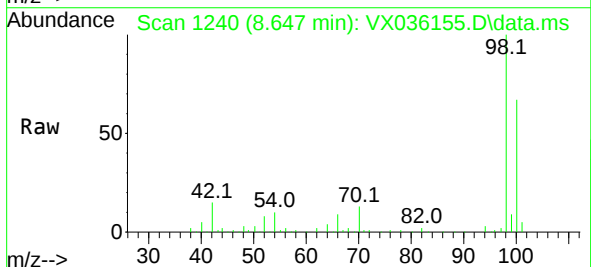
Reviewed By :John Carlone 06/15/2023

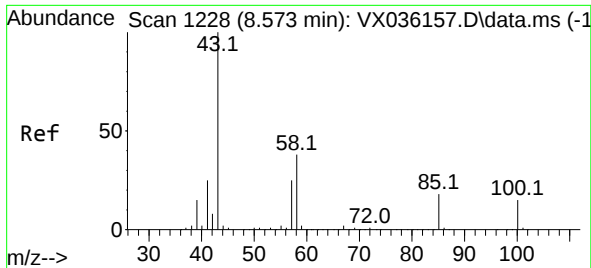
Supervised By :Mahesh Dadoda 06/15/2023



#50
Toluene-d8
Concen: 4.852 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 98 Resp: 78106
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





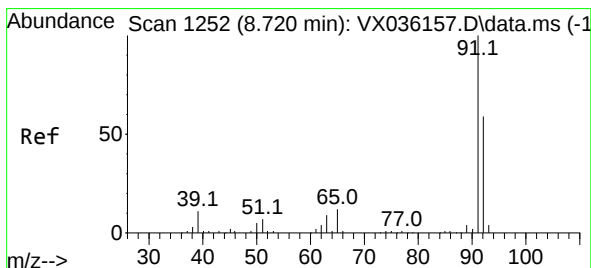
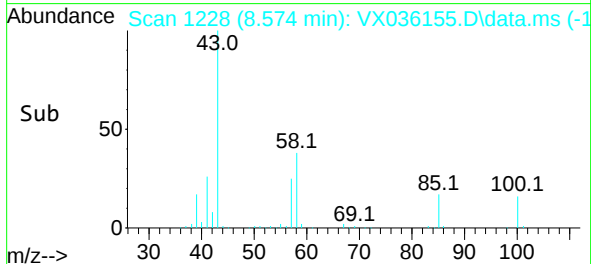
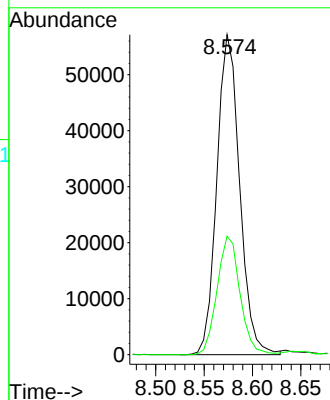
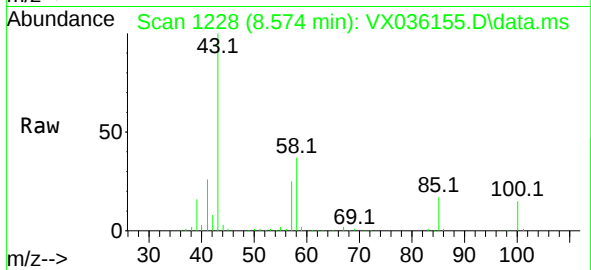
#51
4-Methyl-2-Pentanone
Concen: 23.415 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 9356
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

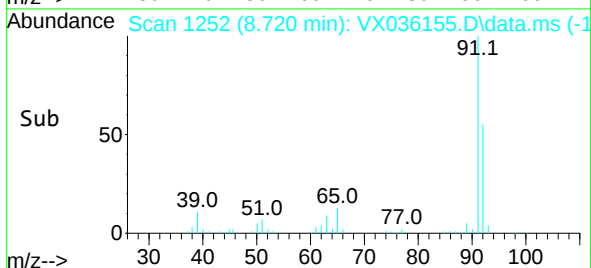
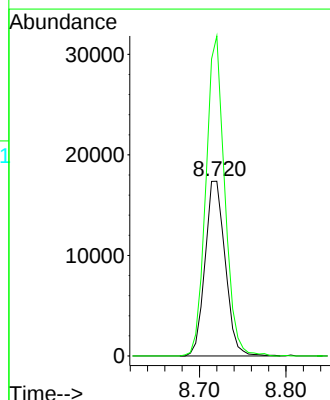
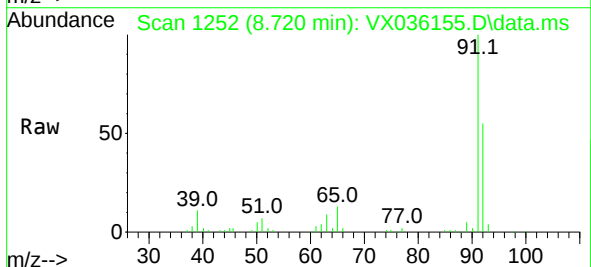
Manual Integrations
APPROVED

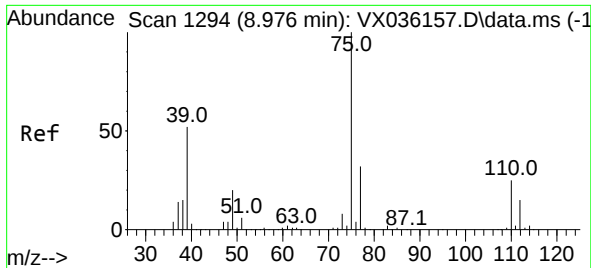
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#52
Toluene
Concen: 4.480 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 92 Resp: 28131
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 3.844 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX036155.D
 Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

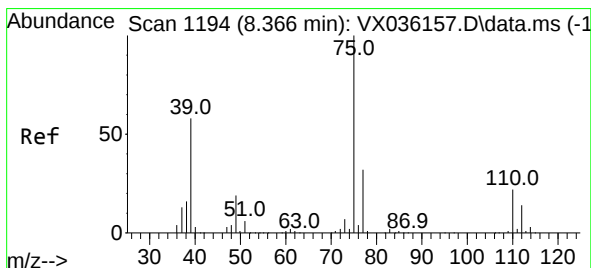
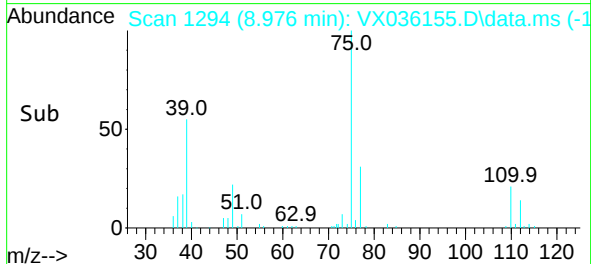
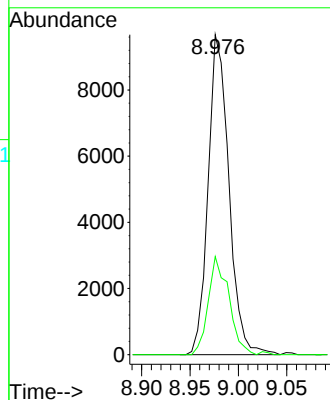
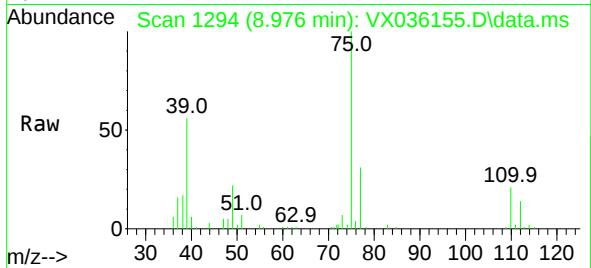
VSTDIC005

Tgt Ion: 75 Resp: 14469
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5

Manual Integrations

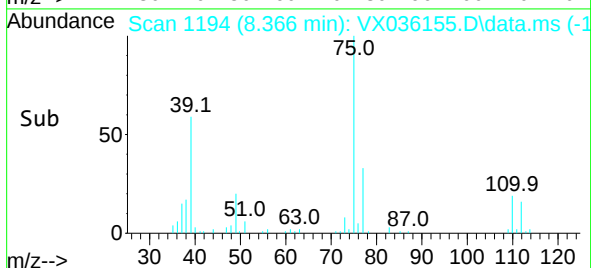
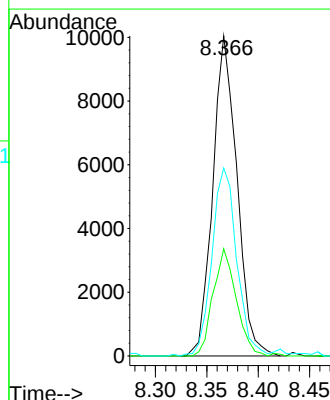
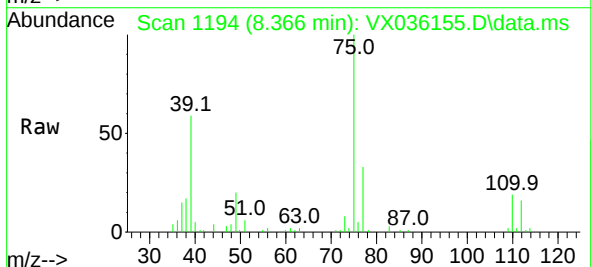
APPROVED

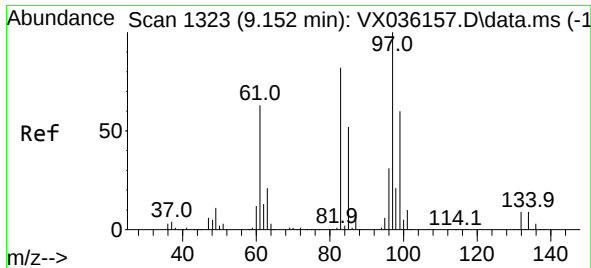
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.021 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036155.D
 Acq: 14 Jun 2023 14:50

Tgt Ion: 75 Resp: 16432
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 58.8 46.7 70.1





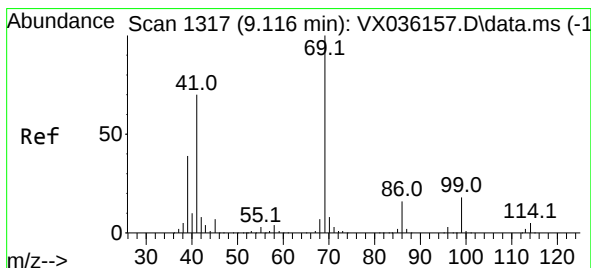
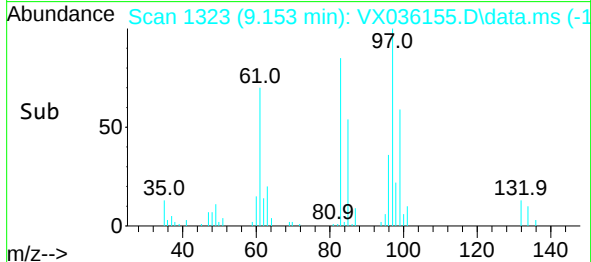
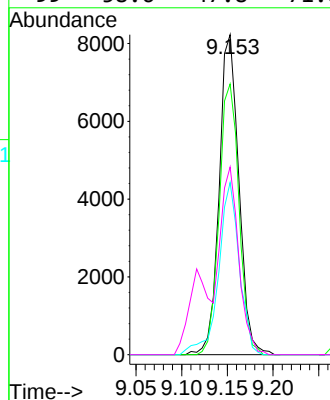
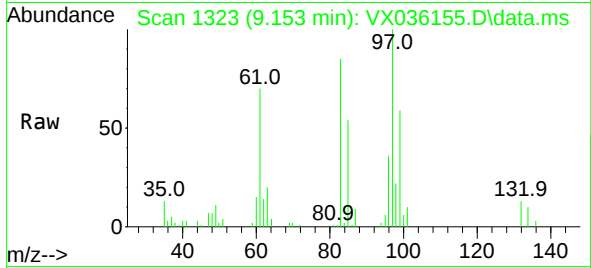
#55
1,1,2-Trichloroethane
Concen: 4.680 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.8	98.8
85	53.8	41.6	62.4
99	58.6	47.8	71.8

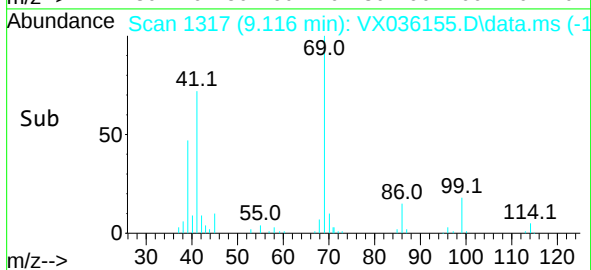
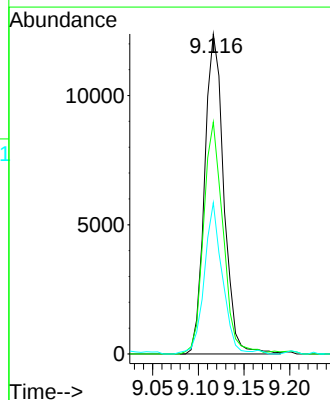
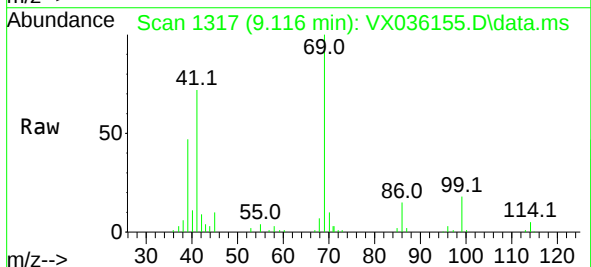
Manual Integrations
APPROVED

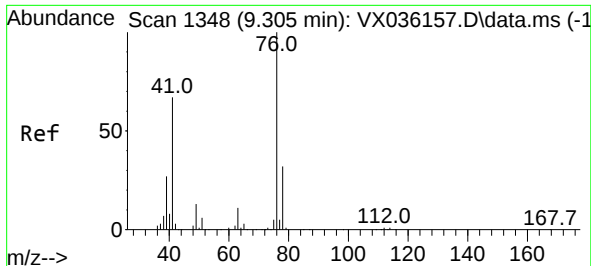
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#56
Ethyl methacrylate
Concen: 4.433 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.7	56.8	85.2
39	44.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 4.648 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 21150

Ion Ratio Lower Upper

76 100

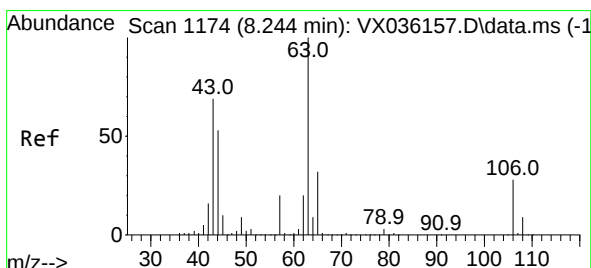
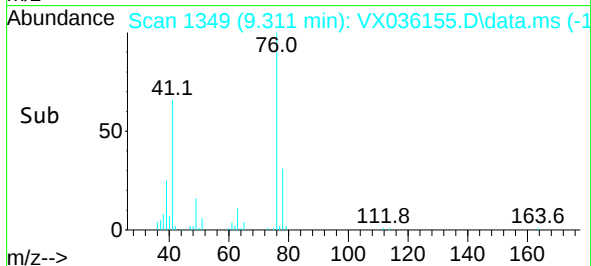
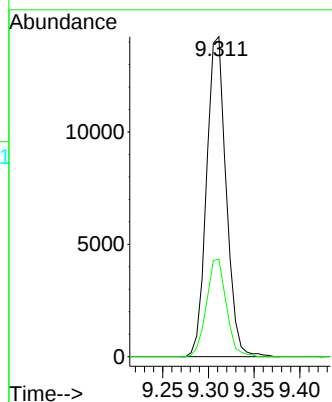
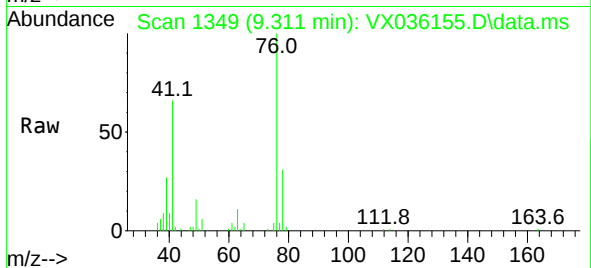
78 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 22.564 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036155.D

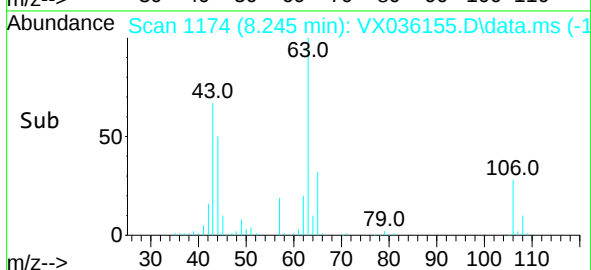
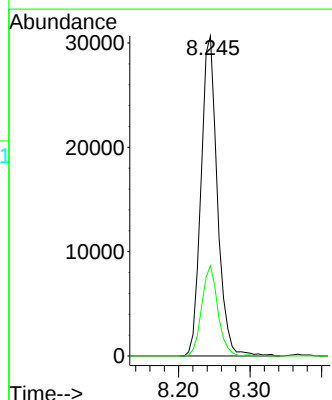
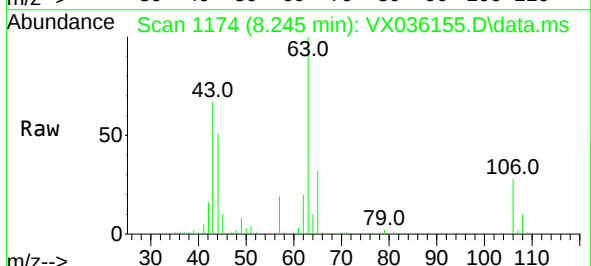
Acq: 14 Jun 2023 14:50

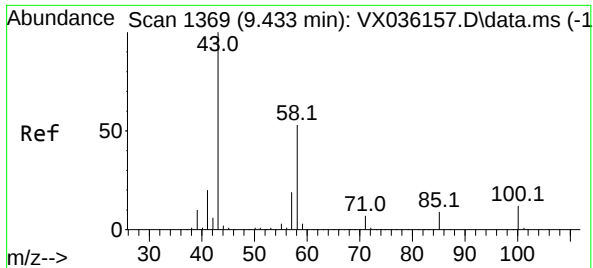
Tgt Ion: 63 Resp: 48517

Ion Ratio Lower Upper

63 100

106 27.7 22.5 33.7





#59

2-Hexanone

Concen: 23.164 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 6866

Ion Ratio Lower Upper

43 100

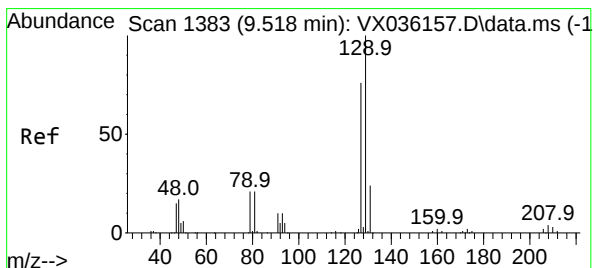
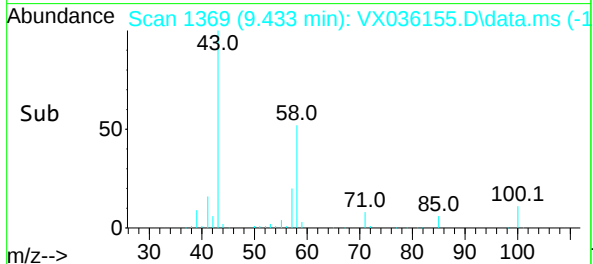
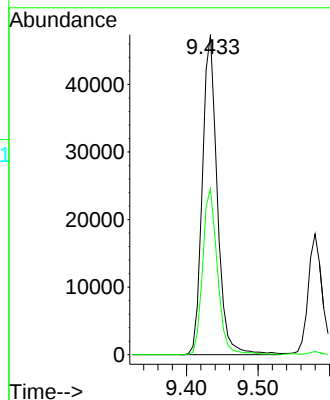
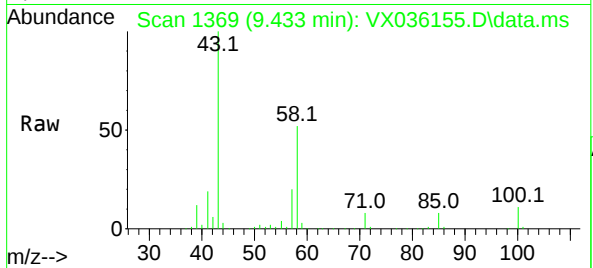
58 51.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#60

Dibromochloromethane

Concen: 3.919 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036155.D

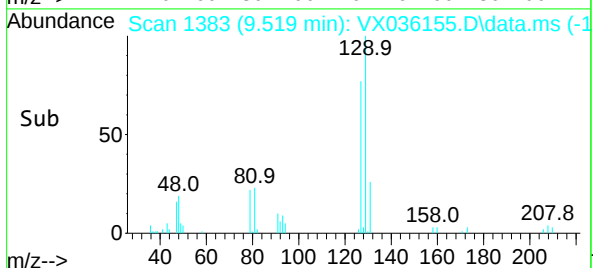
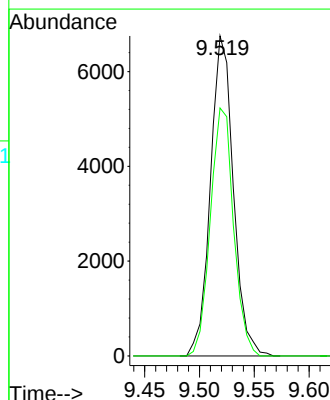
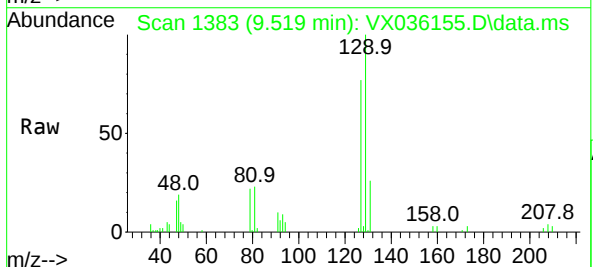
Acq: 14 Jun 2023 14:50

Tgt Ion:129 Resp: 9829

Ion Ratio Lower Upper

129 100

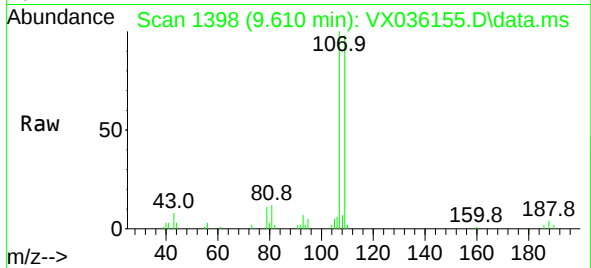
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.300 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

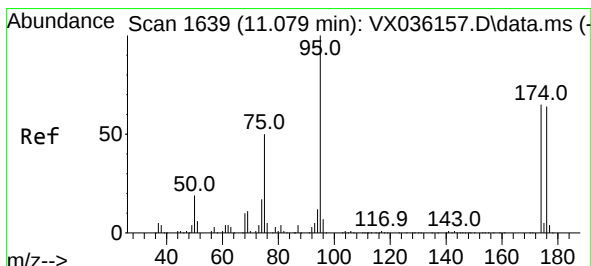
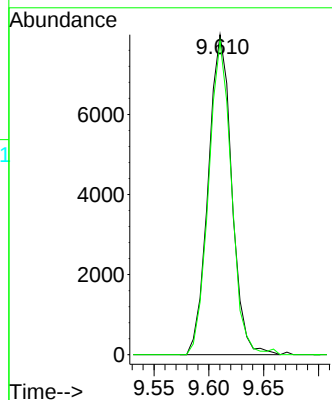
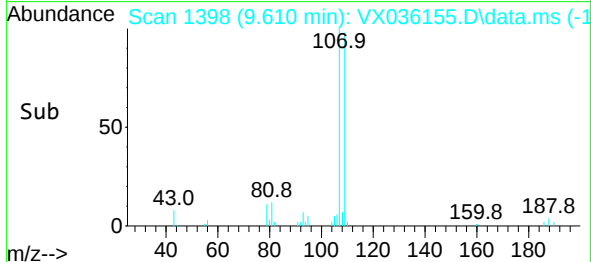
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



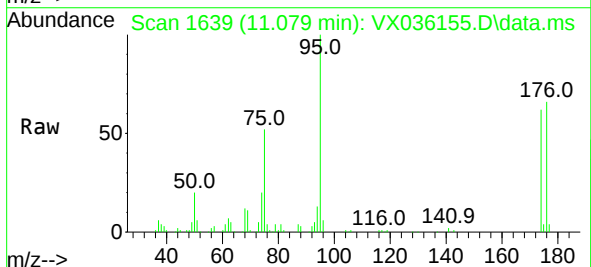
Tgt Ion:107 Resp: 1188
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations
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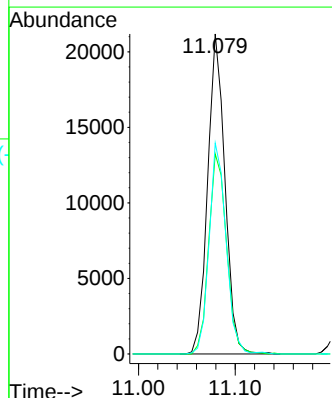
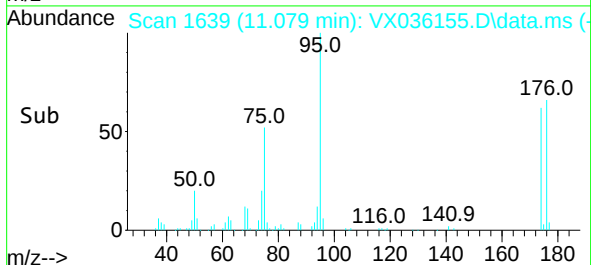
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

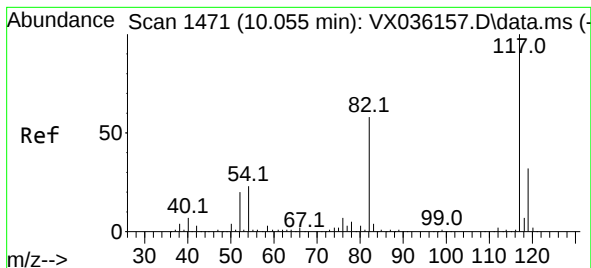


#62
4-Bromofluorobenzene
Concen: 6.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



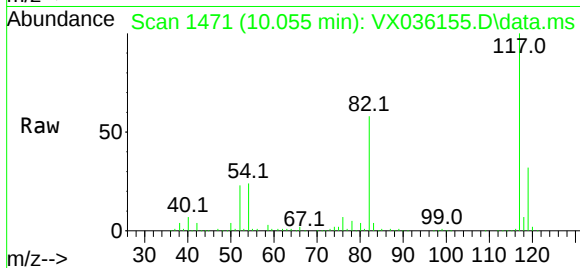
Tgt Ion: 95 Resp: 26367
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.6
176 64.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

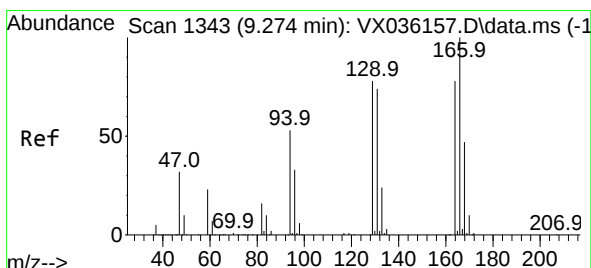
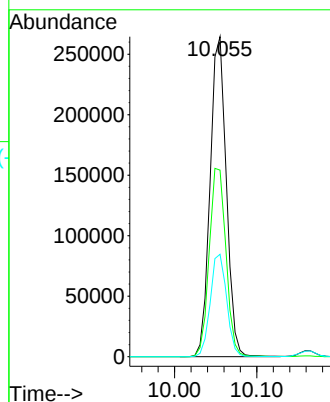
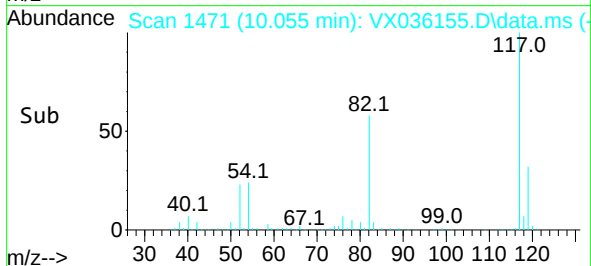
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 36259
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.0 25.5 38.3

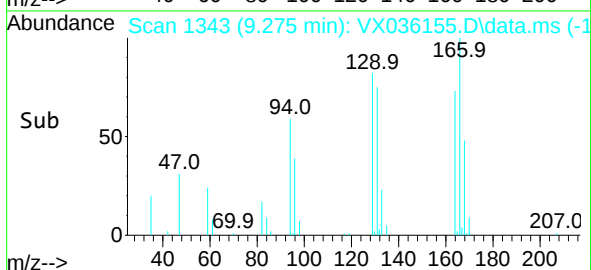
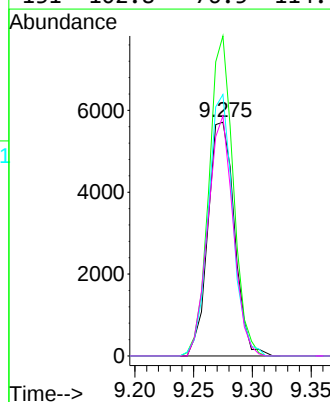
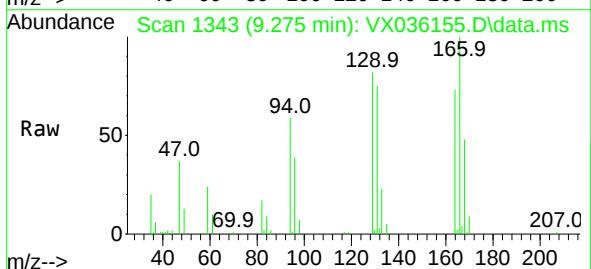
Manual Integrations
APPROVED

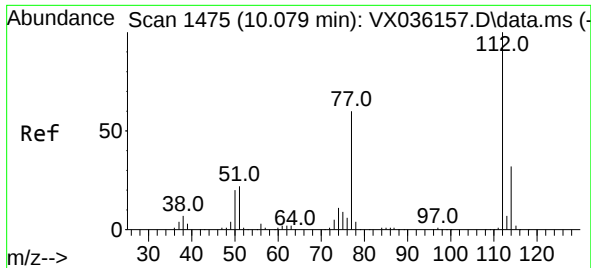
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#64
Tetrachloroethene
Concen: 4.473 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion:164 Resp: 8886
Ion Ratio Lower Upper
164 100
166 136.9 102.7 154.1
129 111.8 80.4 120.6
131 102.8 76.5 114.7





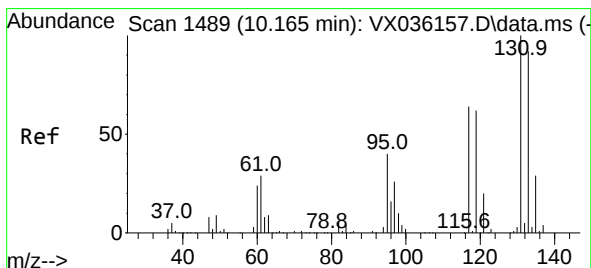
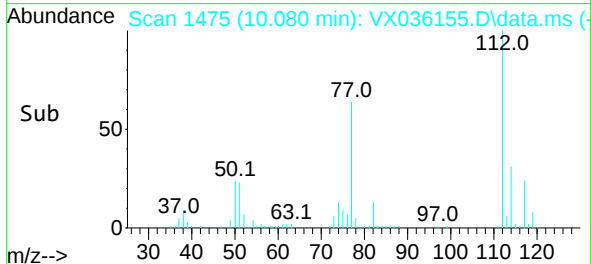
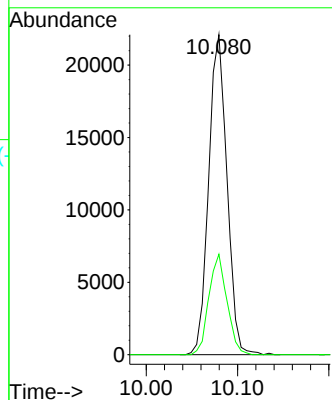
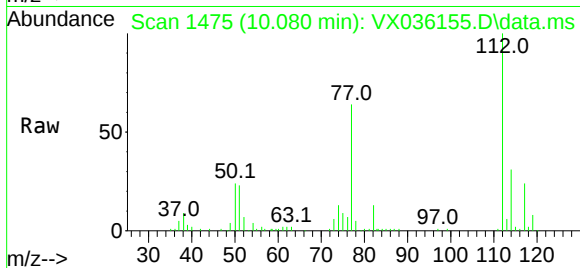
#65
Chlorobenzene
Concen: 4.646 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 30740
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

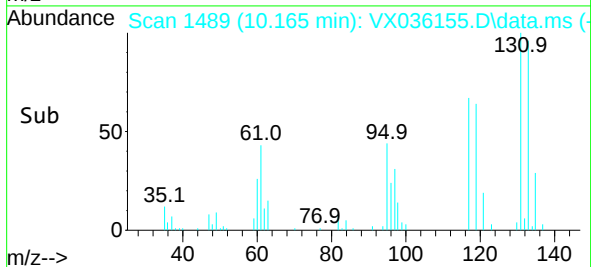
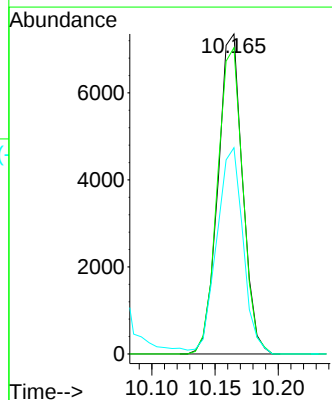
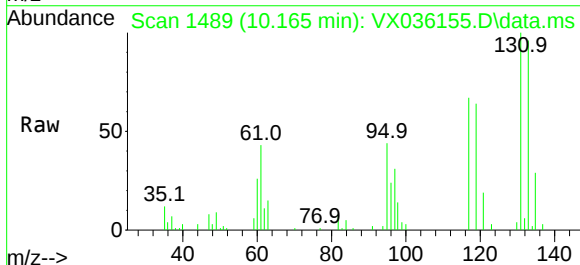
Manual Integrations
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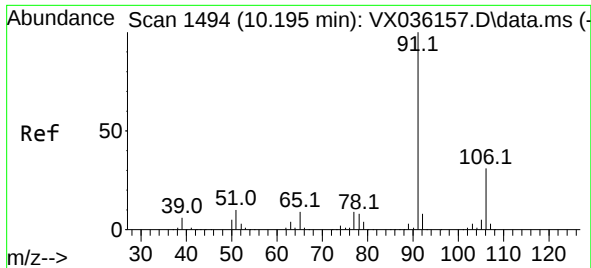
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.271 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion:131 Resp: 9942
Ion Ratio Lower Upper
131 100
133 98.4 47.1 141.4
119 68.9 32.2 96.6





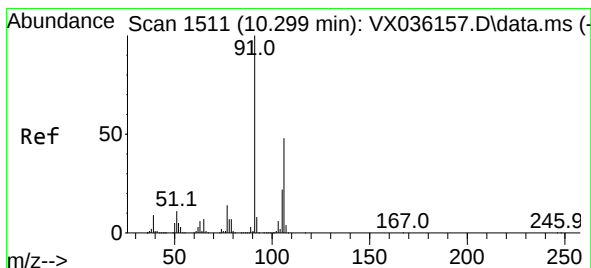
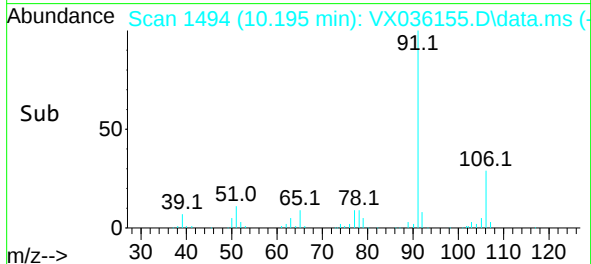
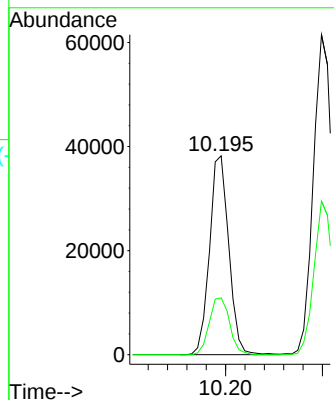
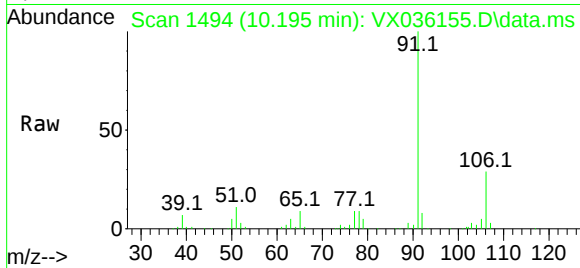
#67
Ethyl Benzene
Concen: 4.524 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5287
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3

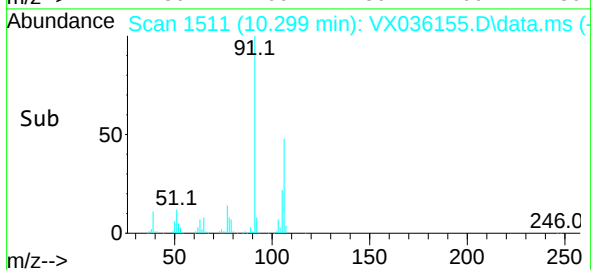
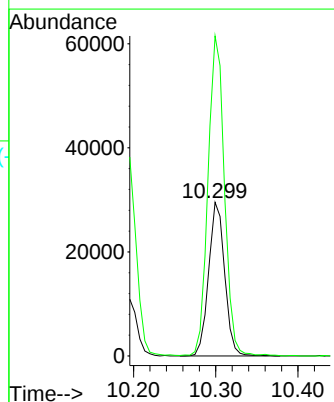
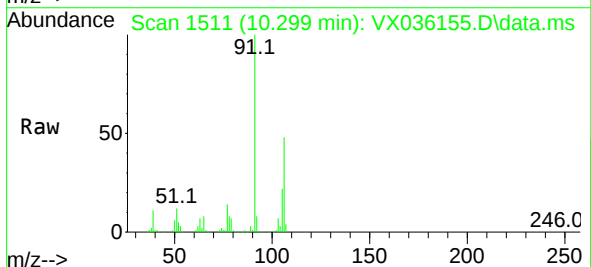
Manual Integrations
APPROVED

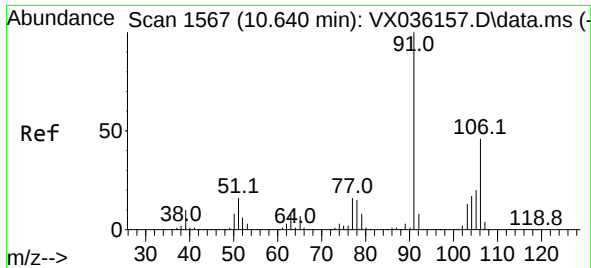
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#68
m/p-Xylenes
Concen: 8.985 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion:106 Resp: 40047
Ion Ratio Lower Upper
106 100
91 211.3 165.5 248.3





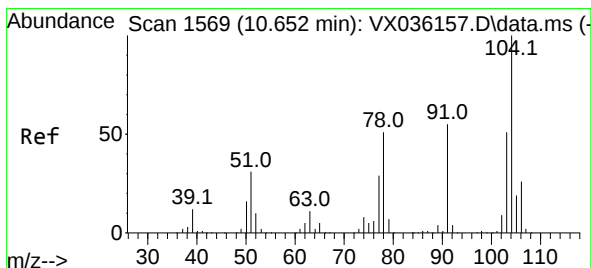
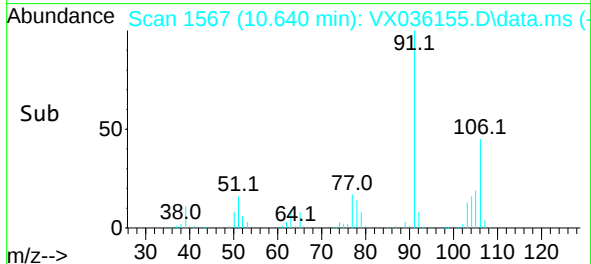
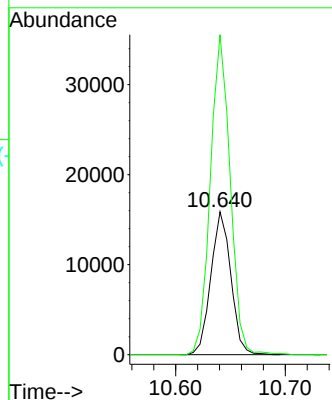
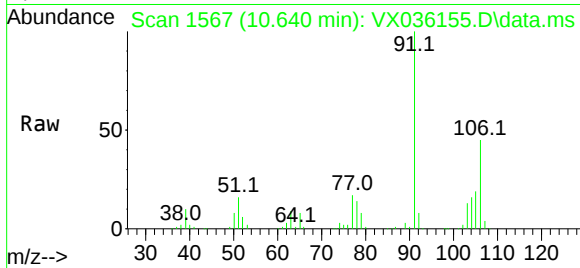
#69
o-Xylene
Concen: 4.580 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 2015
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.8

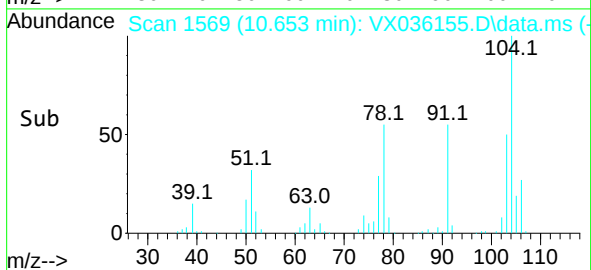
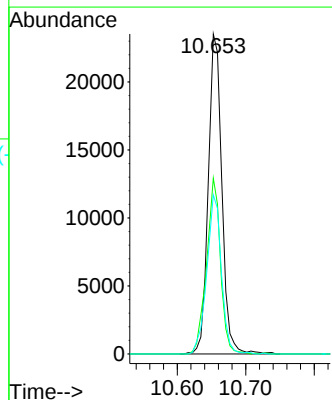
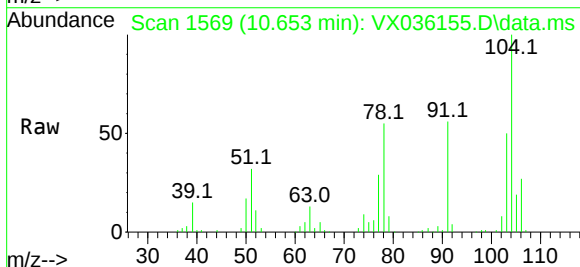
Manual Integrations
APPROVED

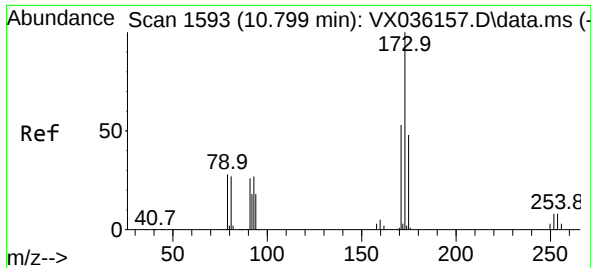
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#70
Styrene
Concen: 4.512 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

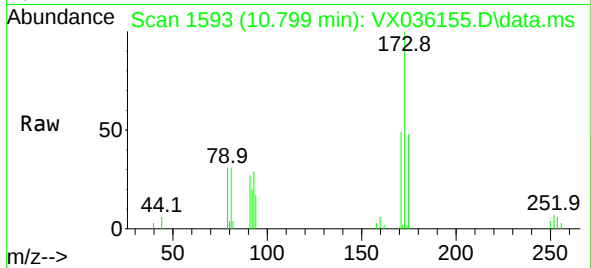
Tgt Ion:104 Resp: 32573
Ion Ratio Lower Upper
104 100
78 56.3 43.6 65.4
103 53.3 43.6 65.4





#71
Bromoform
Concen: 6.272 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

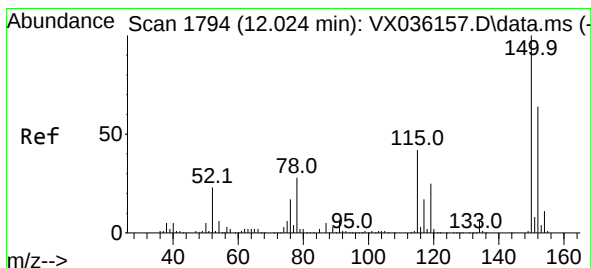
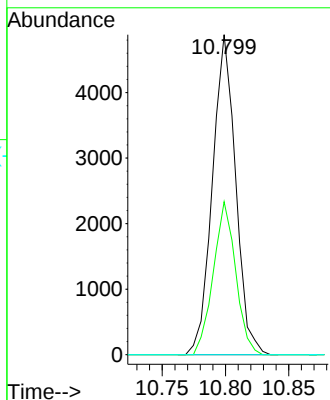
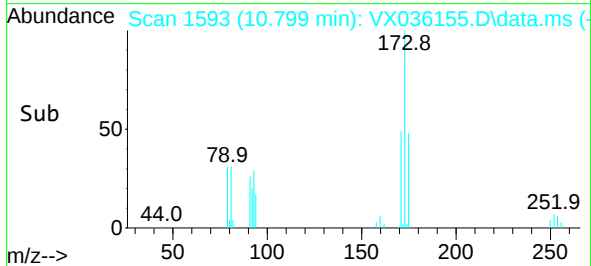
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



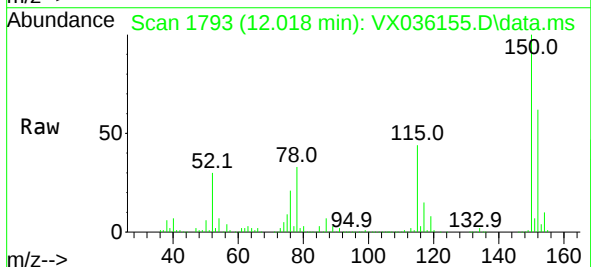
Tgt Ion:173 Resp: 6219
Ion Ratio Lower Upper
173 100
175 46.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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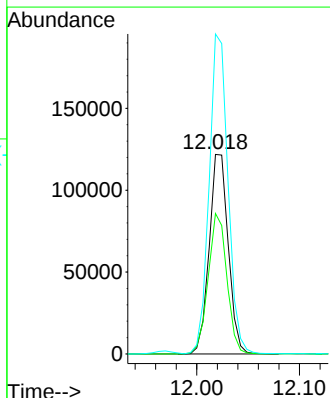
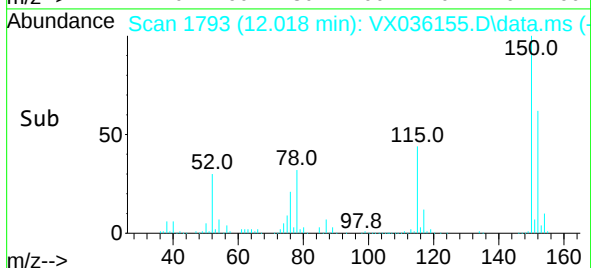
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

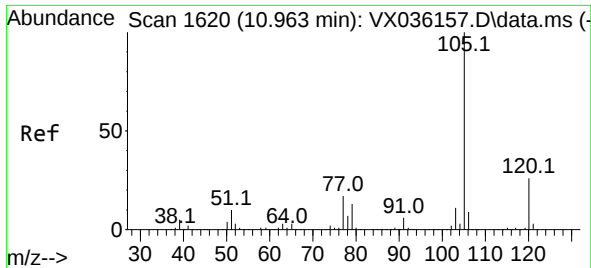


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion:152 Resp: 156935
Ion Ratio Lower Upper
152 100
115 69.2 43.3 129.9
150 158.2 0.0 345.0





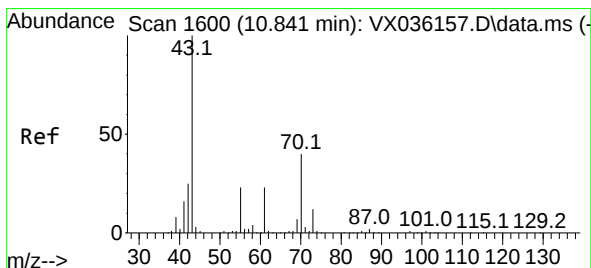
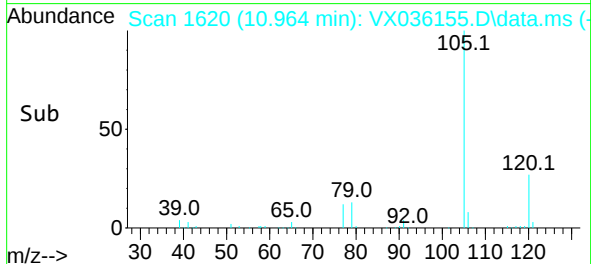
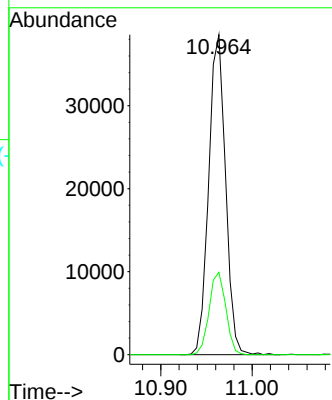
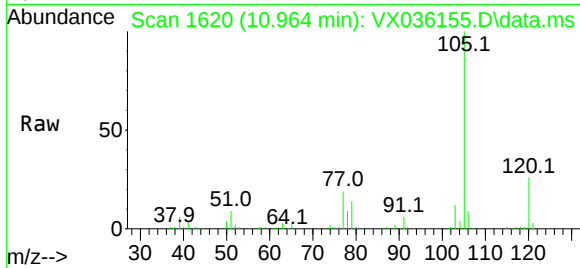
#73
Isopropylbenzene
Concen: 4.621 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 49270
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

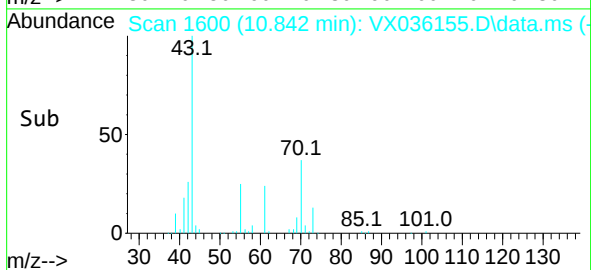
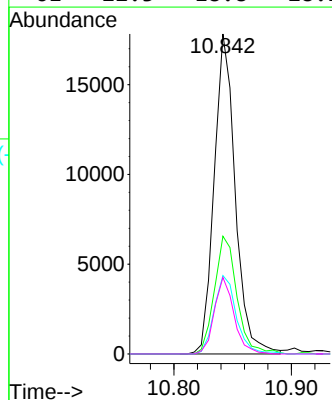
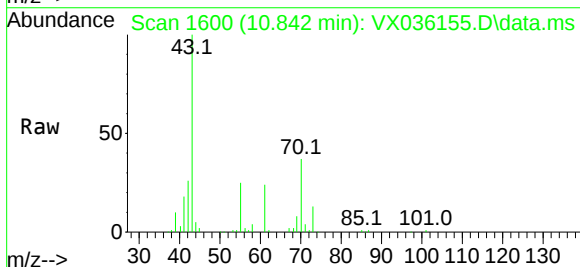
Manual Integrations
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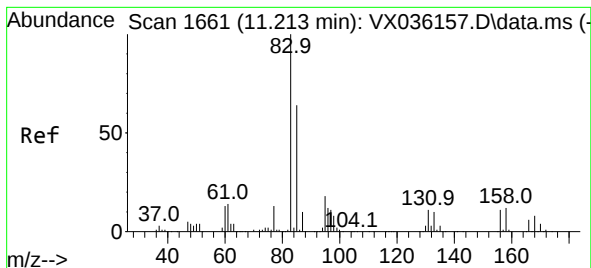
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#74
N-ethyl acetate
Concen: 4.589 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 43 Resp: 22260
Ion Ratio Lower Upper
43 100
70 39.3 32.9 49.3
55 25.7 19.3 28.9
61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.876 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1776

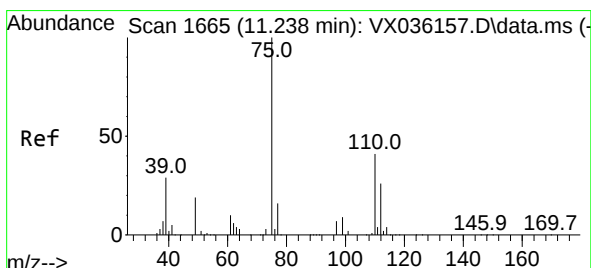
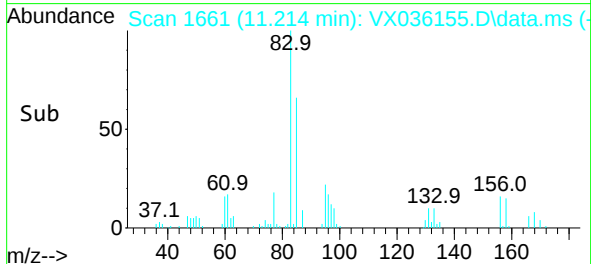
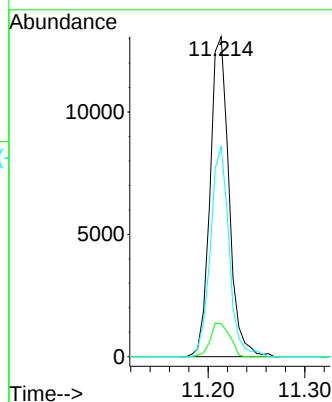
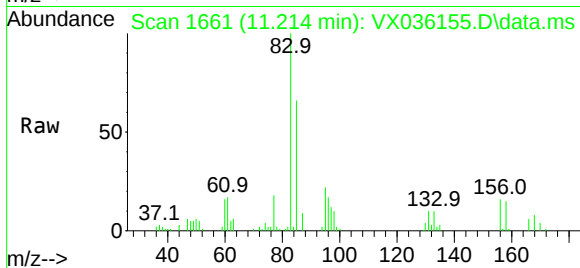
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	15.8
85	65.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#76

1,2,3-Trichloropropane

Concen: 4.907 ug/l m

RT: 11.238 min Scan# 1665

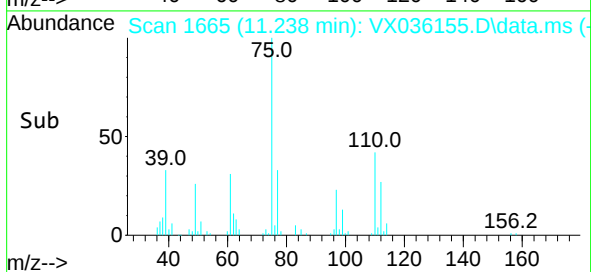
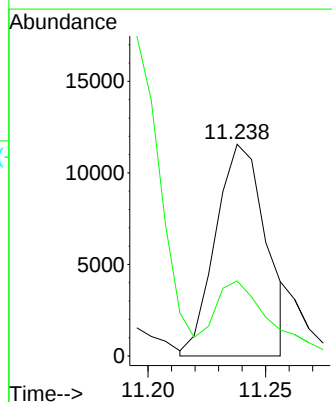
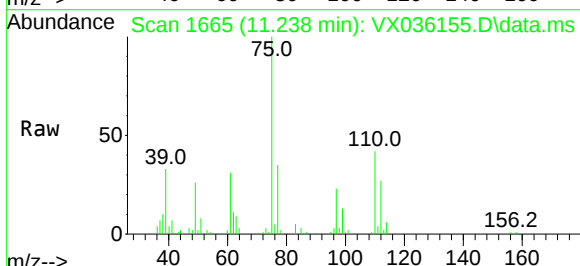
Delta R.T. 0.000 min

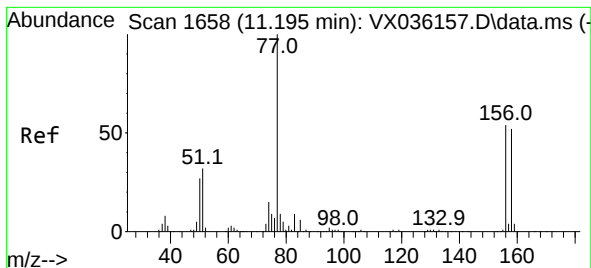
Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Tgt Ion: 75 Resp: 17224

Ion	Ratio	Lower	Upper
75	100		
77	39.4	19.1	57.5





#77

Bromobenzene

Concen: 4.956 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

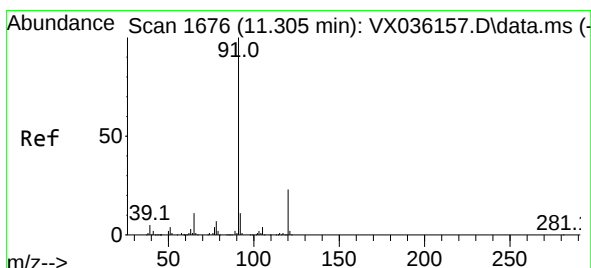
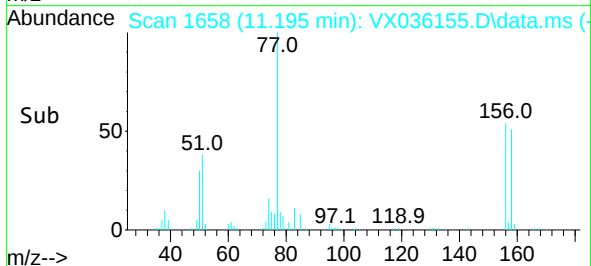
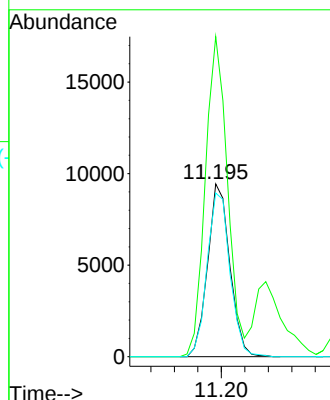
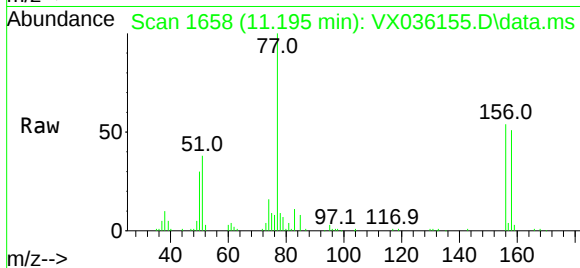
Tgt Ion:	156	Resp:	12404
Ion Ratio	Lower	Upper	
156	100		
77	184.2	88.4	265.3
158	97.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#78

n-propylbenzene

Concen: 4.522 ug/l

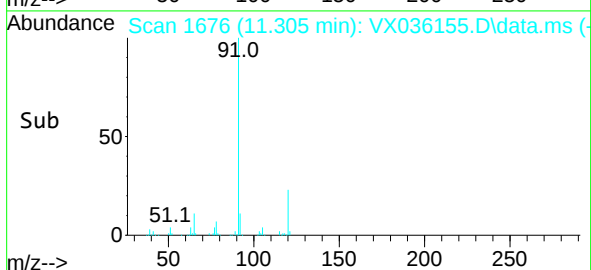
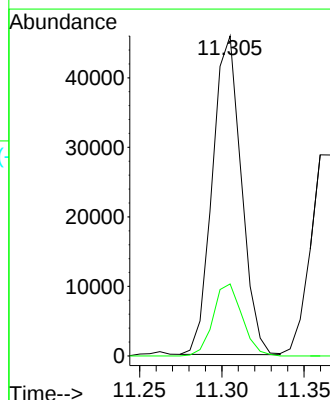
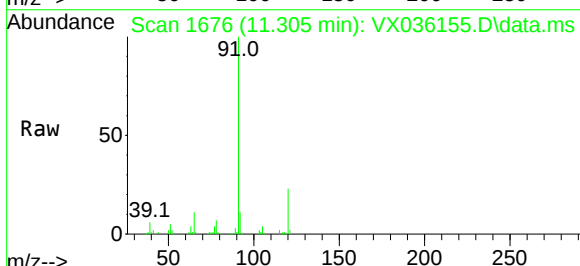
RT: 11.305 min Scan# 1676

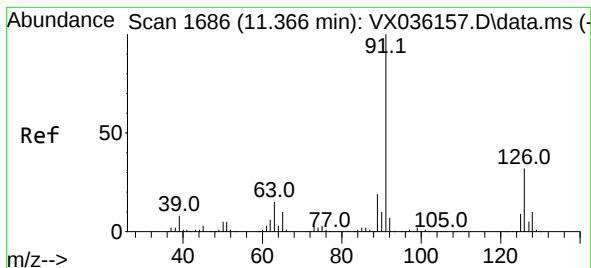
Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

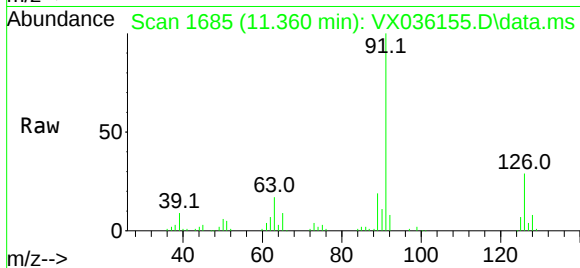
Tgt Ion:	91	Resp:	56132
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 4.851 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

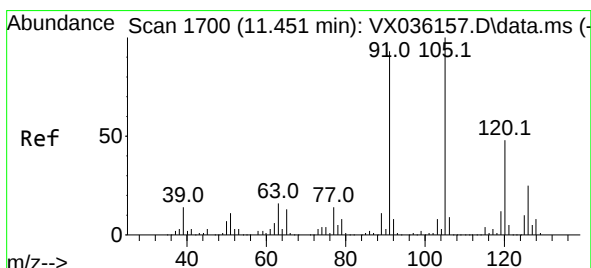
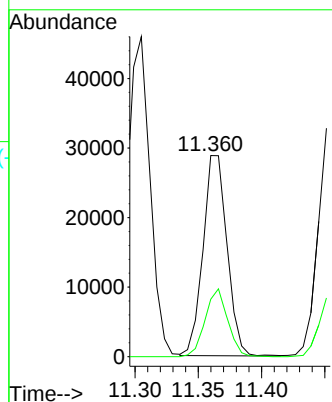
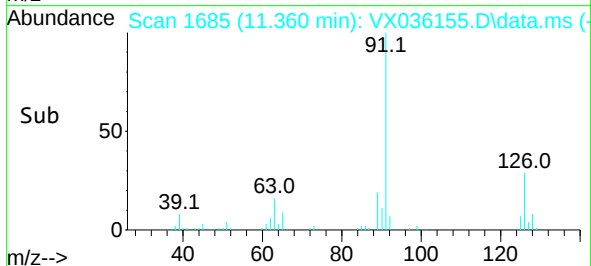
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



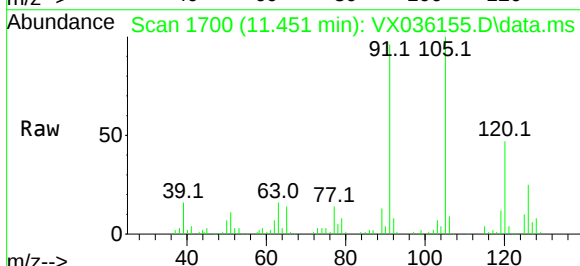
Tgt Ion: 91 Resp: 3813
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

Manual Integrations
APPROVED

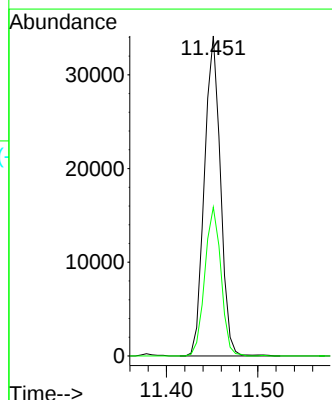
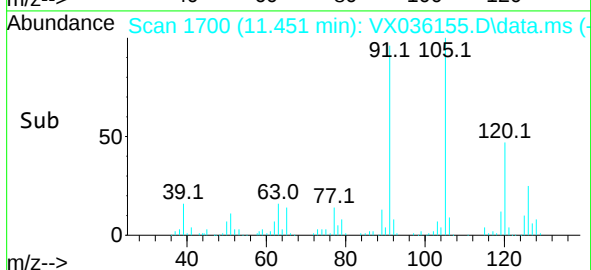
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

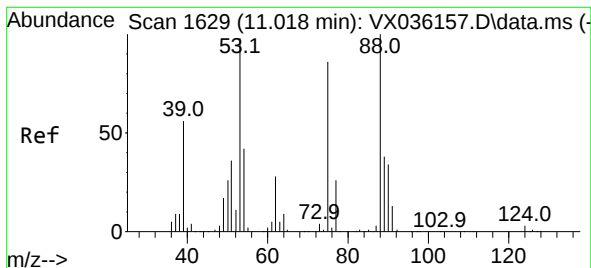


#80
1,3,5-Trimethylbenzene
Concen: 4.619 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion:105 Resp: 41570
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





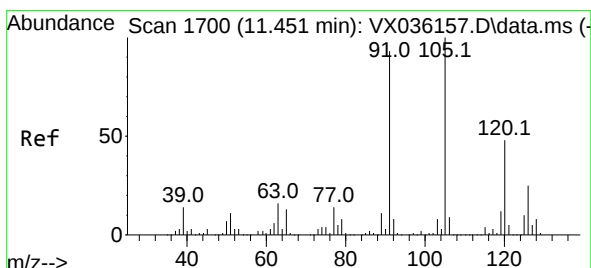
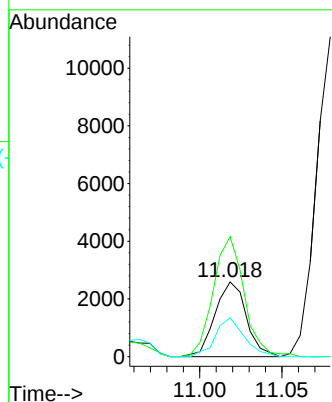
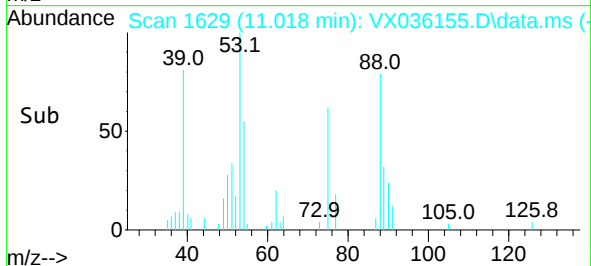
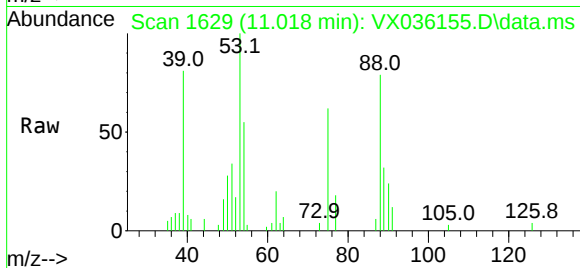
#81
trans-1,4-Dichloro-2-butene
Concen: 6.702 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3420
Ion Ratio Lower Upper
75 100
53 159.1 90.5 135.7
89 48.2 36.9 55.3

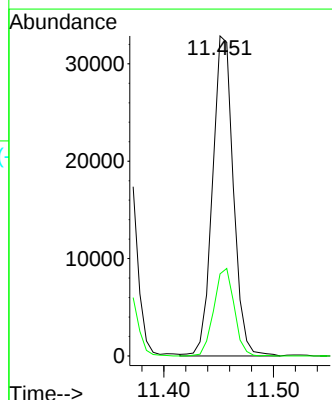
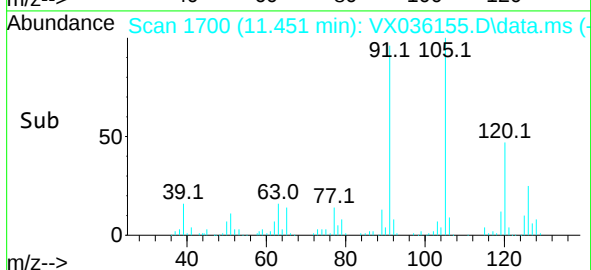
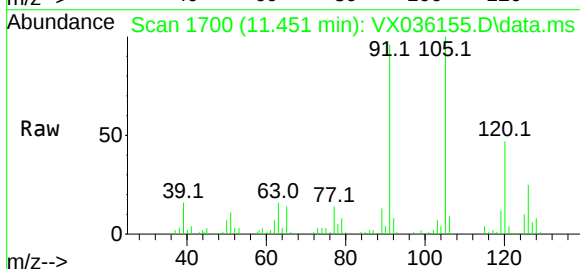
Manual Integrations
APPROVED

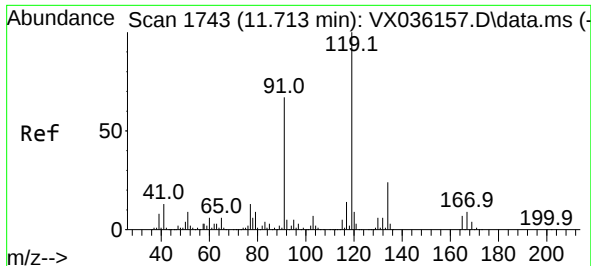
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#82
4-Chlorotoluene
Concen: 4.843 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

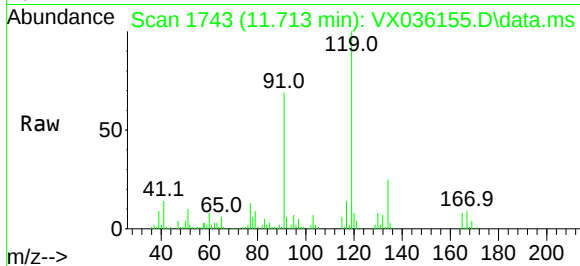
Tgt Ion: 91 Resp: 43376
Ion Ratio Lower Upper
91 100
126 26.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.490 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

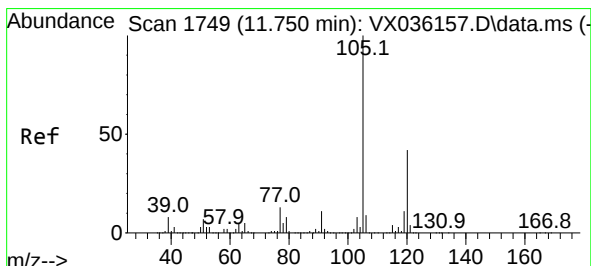
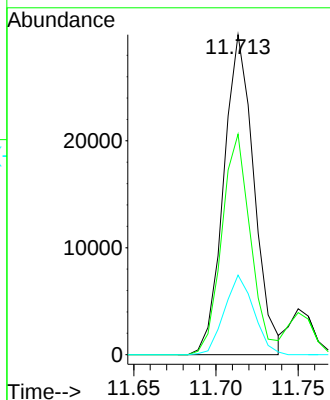
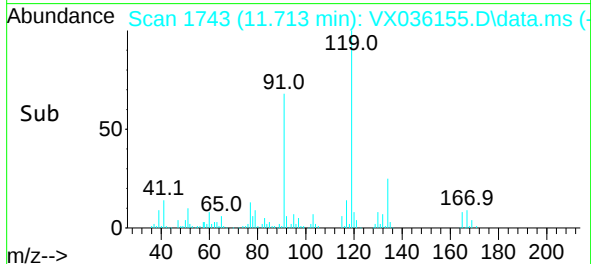
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



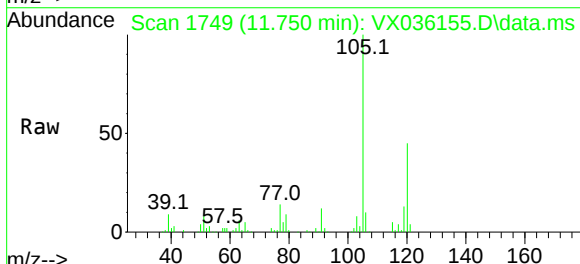
Tgt Ion:119 Resp: 38319
Ion Ratio Lower Upper
119 100
91 65.9 31.2 93.6
134 24.1 11.7 35.0

Manual Integrations
APPROVED

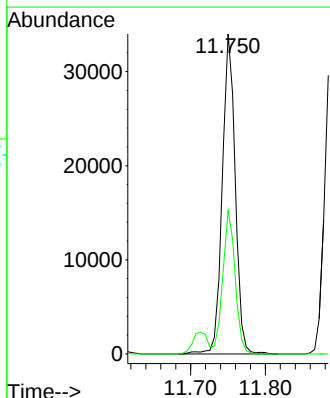
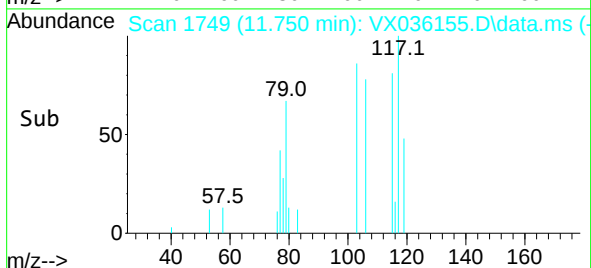
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

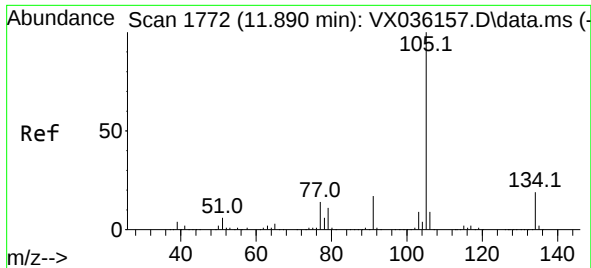


#84
1,2,4-Trimethylbenzene
Concen: 4.545 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



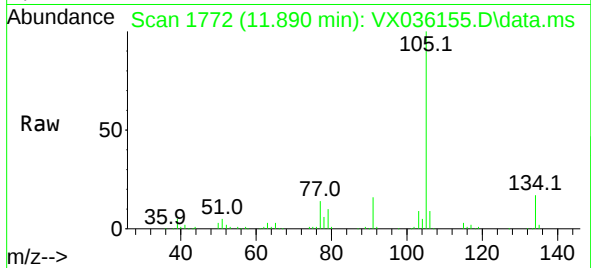
Tgt Ion:105 Resp: 41086
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 4.430 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036155.D
 Acq: 14 Jun 2023 14:50

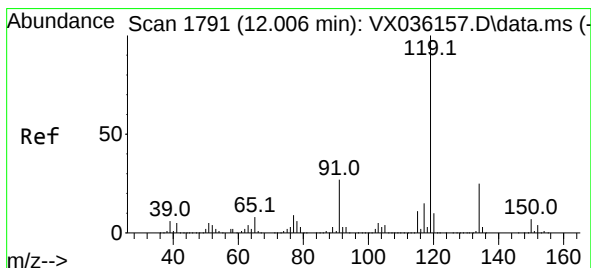
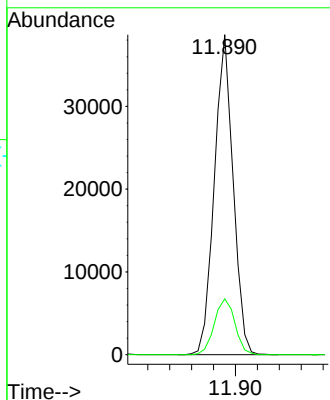
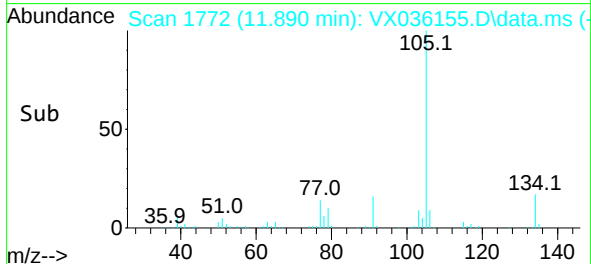
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



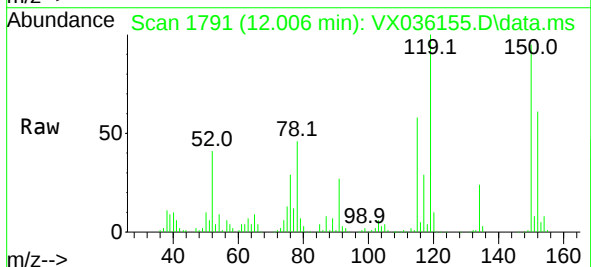
Tgt Ion:105 Resp: 45972
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

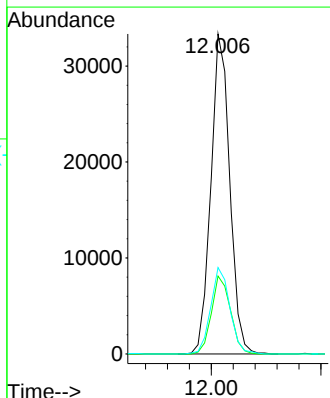
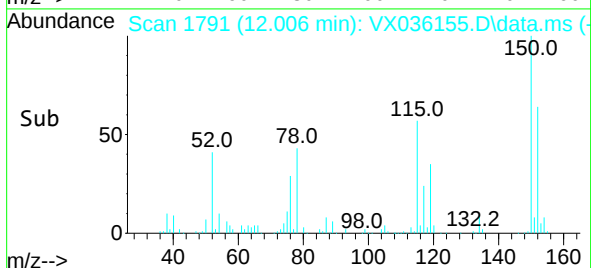
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

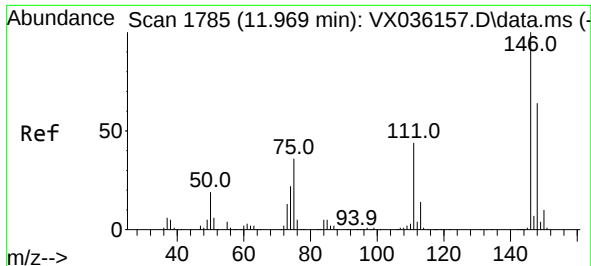


#86
 p-Isopropyltoluene
 Concen: 4.532 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036155.D
 Acq: 14 Jun 2023 14:50



Tgt Ion:119 Resp: 39809
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.759 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 2272

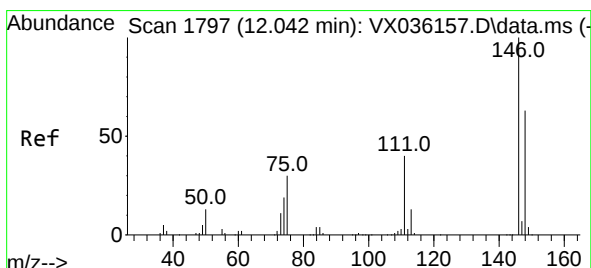
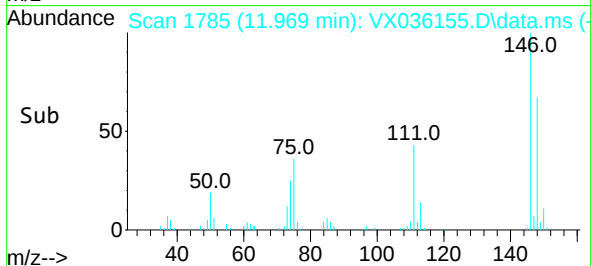
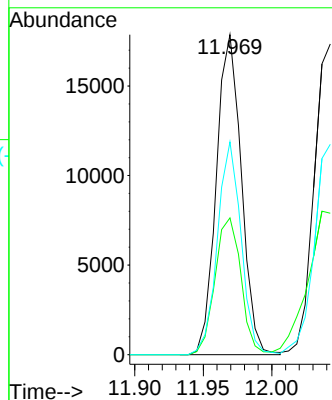
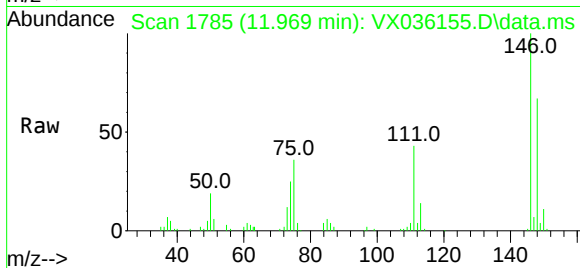
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.1	66.1
148	62.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#88

1,4-Dichlorobenzene

Concen: 4.628 ug/l

RT: 12.043 min Scan# 1797

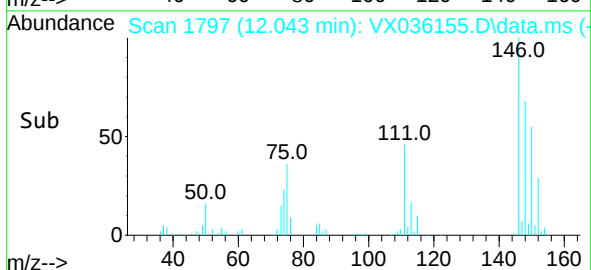
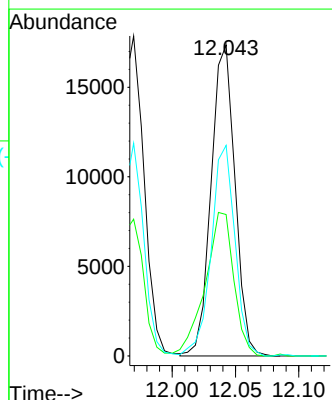
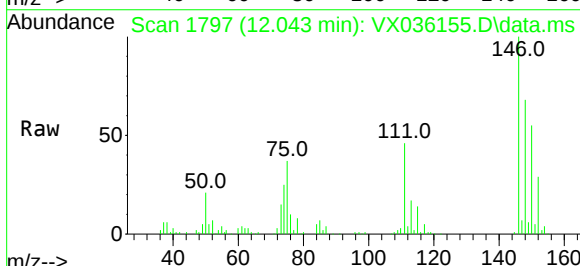
Delta R.T. 0.000 min

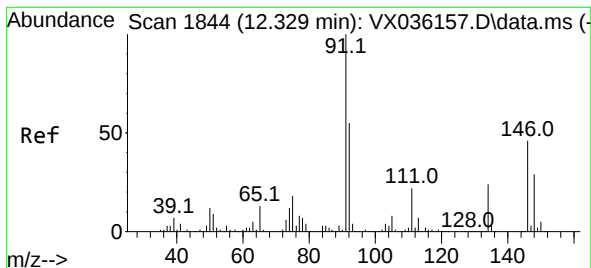
Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Tgt Ion:146 Resp: 22798

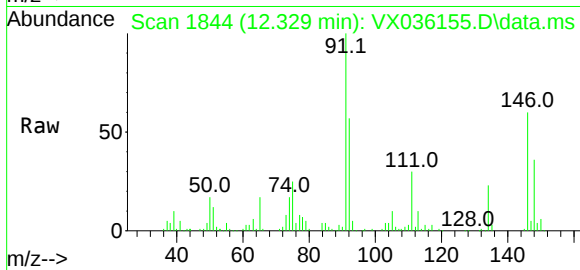
Ion	Ratio	Lower	Upper
146	100		
111	55.3	21.3	63.7
148	67.6	31.8	95.4





#89
n-Butylbenzene
Concen: 4.155 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

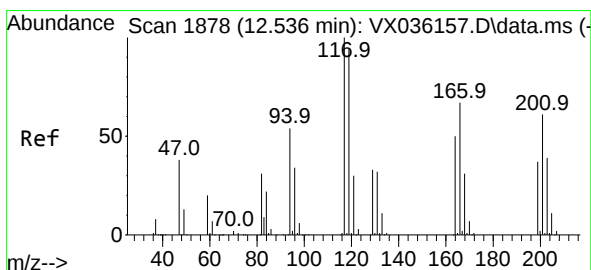
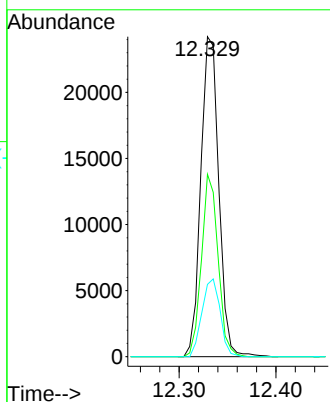
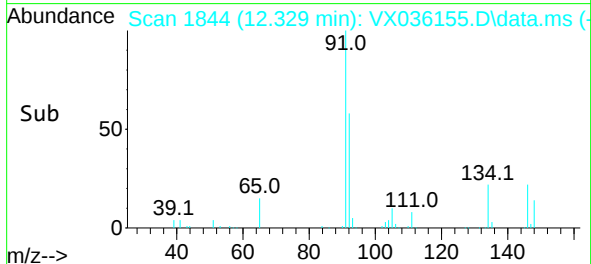
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 3136
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 24.6 12.6 37.8

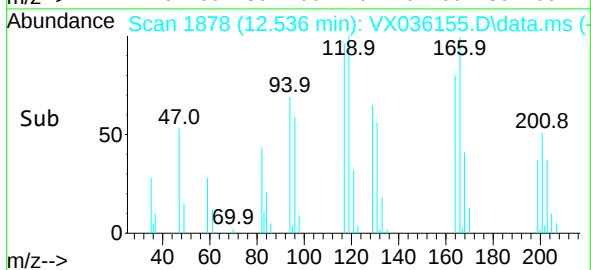
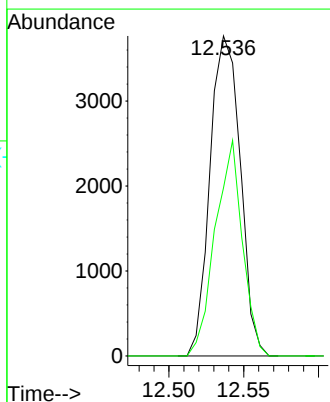
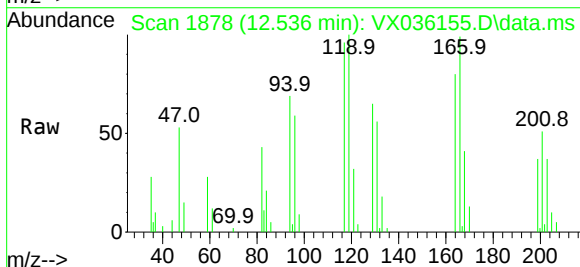
Manual Integrations
APPROVED

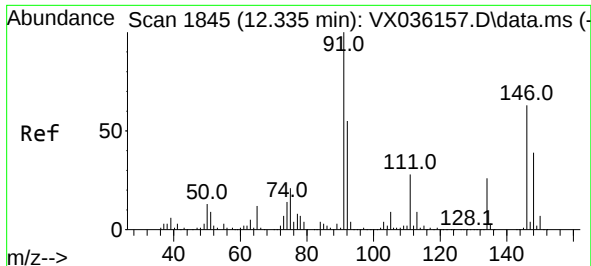
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#90
Hexachloroethane
Concen: 6.101 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion:117 Resp: 5299
Ion Ratio Lower Upper
117 100
201 60.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.710 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

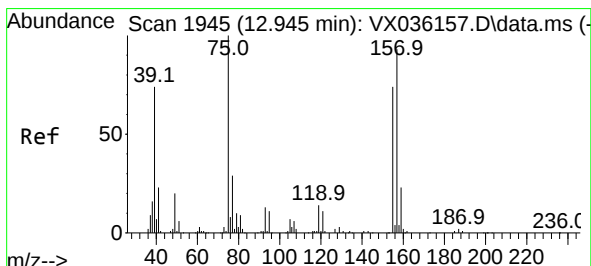
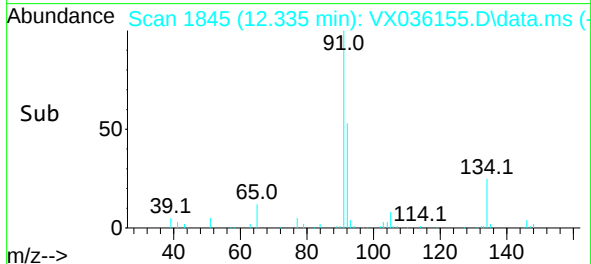
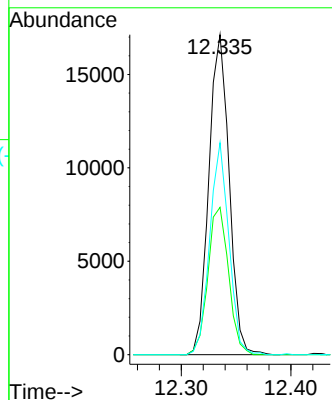
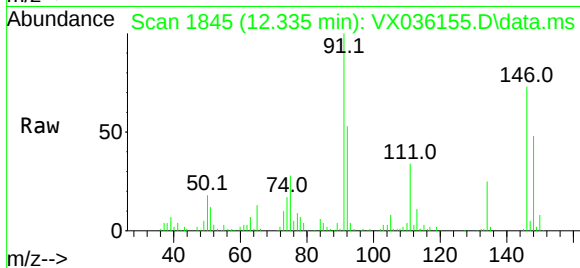
VSTDIC005

Tgt Ion:146 Resp: 2202
Ion Ratio Lower Upper
146 100
111 47.0 22.4 67.0
148 62.5 31.6 95.0

Manual Integrations

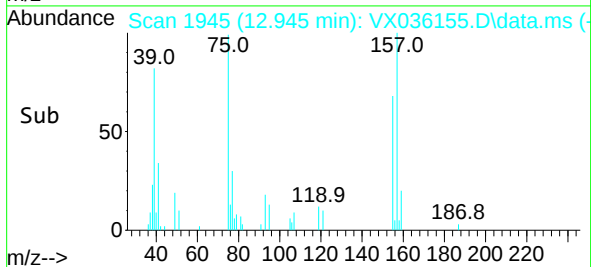
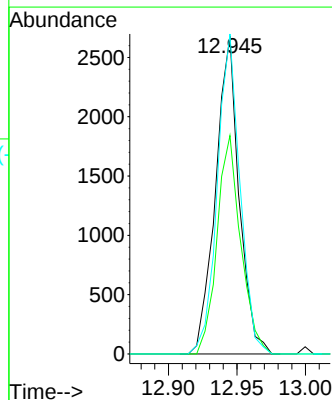
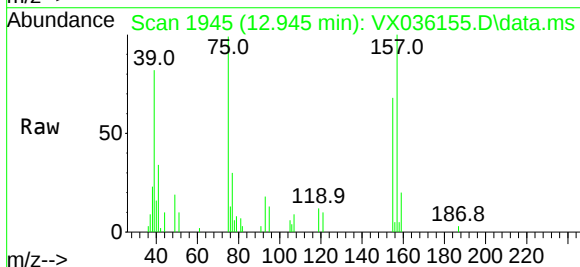
APPROVED

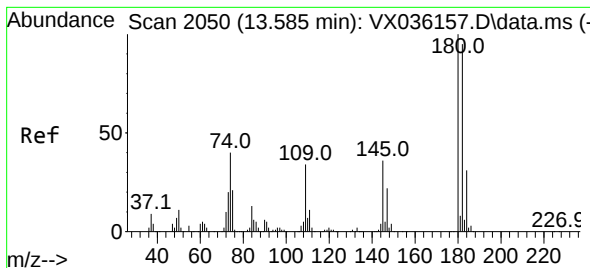
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.840 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

Tgt Ion: 75 Resp: 3203
Ion Ratio Lower Upper
75 100
155 68.9 36.1 108.5
157 96.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.367 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

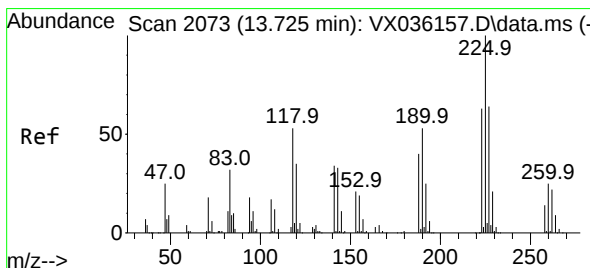
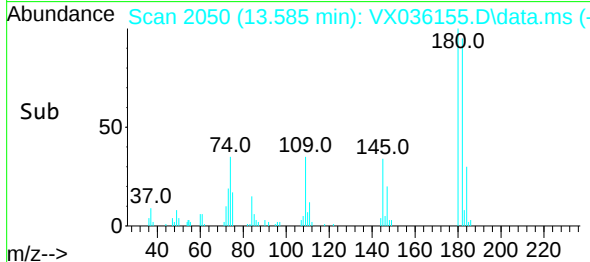
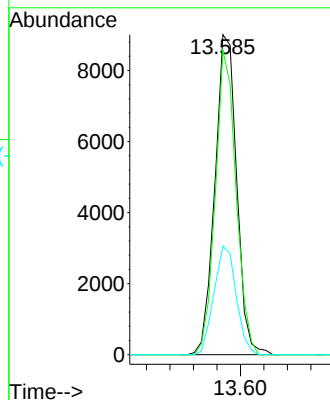
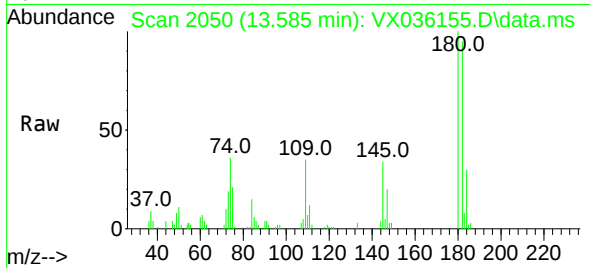
Tgt Ion:180	Resp:	1160
Ion Ratio	Lower	Upper
180	100	
182	90.3	48.3 144.8
145	34.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#94

Hexachlorobutadiene

Concen: 4.023 ug/l

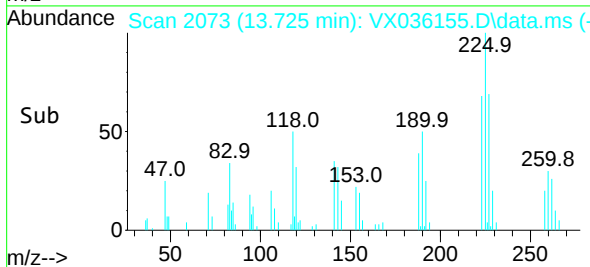
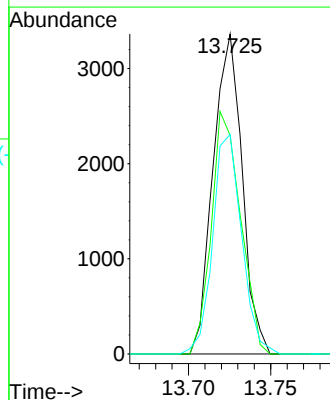
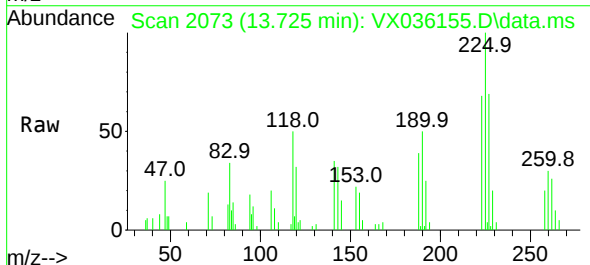
RT: 13.725 min Scan# 2073

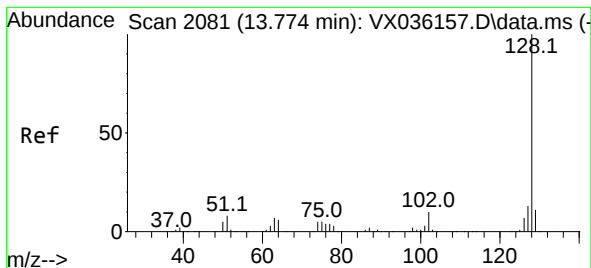
Delta R.T. 0.000 min

Lab File: VX036155.D

Acq: 14 Jun 2023 14:50

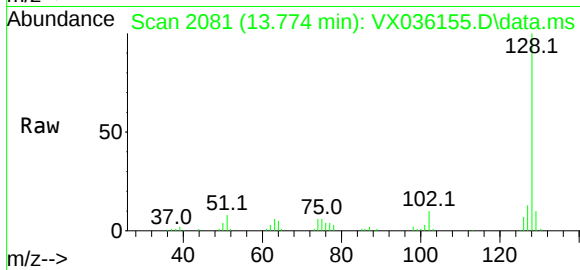
Tgt Ion:225	Resp:	4123
Ion Ratio	Lower	Upper
225	100	
223	76.5	31.1 93.2
227	68.5	32.5 97.5





#95
Naphthalene
Concen: 4.179 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50

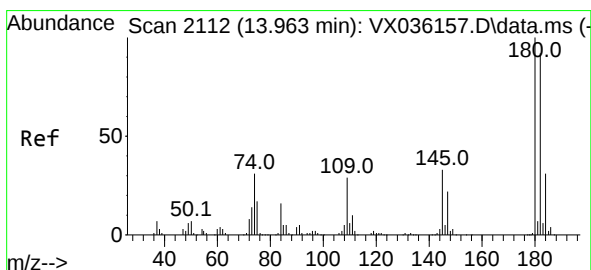
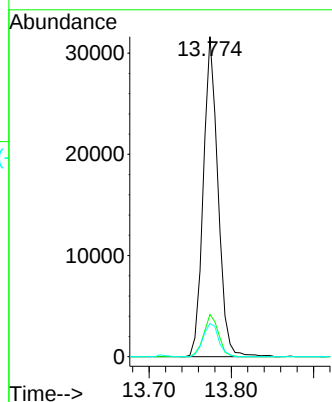
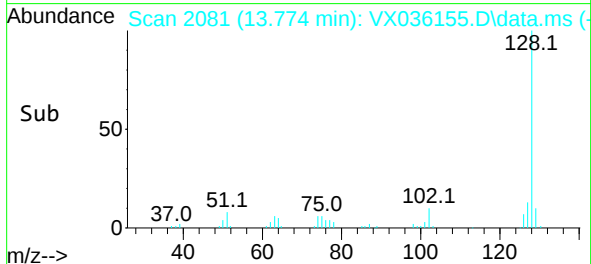
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



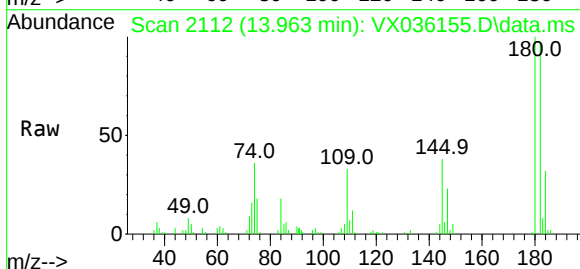
Tgt Ion:128 Resp: 3920
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.230 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036155.D
Acq: 14 Jun 2023 14:50



Tgt Ion:180 Resp: 11161
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 38.0 17.8 53.5

