

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035829.D
 Acq On : 24 May 2023 12:27
 Operator : JC/MD
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 05:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	199572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	334199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	147481	42.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 84.720%			
35) Dibromofluoromethane	5.379	113	114904	50.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.646	98	418975	50.320	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	156656	46.728	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48237	18.546	ug/l	95
3) Chloromethane	1.294	50	50000	15.841	ug/l	97
4) Vinyl Chloride	1.373	62	51694	19.298	ug/l	94
5) Bromomethane	1.617	94	31087	21.428	ug/l	99
6) Chloroethane	1.690	64	30332	18.665	ug/l	98
7) Trichlorofluoromethane	1.892	101	82676	20.991	ug/l	99
8) Diethyl Ether	2.129	74	29699	19.584	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	49022	20.963	ug/l	98
10) Methyl Iodide	2.452	142	47540	22.731	ug/l	97
11) Tert butyl alcohol	3.080	59	49252m	80.183	ug/l	
12) 1,1-Dichloroethene	2.318	96	44927	20.215	ug/l	96
13) Acrolein	2.245	56	77457	106.246	ug/l	99
14) Allyl chloride	2.666	41	83948	17.631	ug/l	97
15) Acrylonitrile	3.074	53	132102	97.666	ug/l	98
16) Acetone	2.404	43	116636	77.945	ug/l	99
17) Carbon Disulfide	2.513	76	93760	17.480	ug/l	97
18) Methyl Acetate	2.709	43	109427	19.829	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	163812	18.522	ug/l	99
20) Methylene Chloride	2.788	84	54641	20.148	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	48531	19.928	ug/l	97
22) Diisopropyl ether	3.757	45	178353	19.132	ug/l	100
23) Vinyl Acetate	3.721	43	610635	92.573	ug/l	98
24) 1,1-Dichloroethane	3.611	63	94629	18.980	ug/l	98
25) 2-Butanone	4.568	43	190675	92.049	ug/l	100
26) 2,2-Dichloropropane	4.470	77	75278	17.830	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	58732	20.062	ug/l	99
28) Bromochloromethane	4.897	49	41098	18.326	ug/l	99
29) Tetrahydrofuran	5.019	42	122341	93.965	ug/l	97
30) Chloroform	5.092	83	96410	18.871	ug/l	98
31) Cyclohexane	5.470	56	82759	18.814	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	79136	17.802	ug/l	99
36) 1,1-Dichloropropene	5.690	75	70501	19.817	ug/l	99
37) Ethyl Acetate	4.714	43	72594	19.564	ug/l	99
38) Carbon Tetrachloride	5.671	117	64590	19.166	ug/l	98
39) Methylcyclohexane	7.378	83	88546	21.144	ug/l	98
40) Benzene	6.037	78	210926	21.194	ug/l	99

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Quant Time: May 25 05:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41919	19.027	ug/l	97
42) 1,2-Dichloroethane	6.086	62	79334	18.531	ug/l	99
43) Isopropyl Acetate	6.336	43	124175	19.191	ug/l	99
44) Trichloroethene	7.122	130	53210	21.085	ug/l	100
45) 1,2-Dichloropropane	7.427	63	56050	21.264	ug/l	98
46) Dibromomethane	7.580	93	37079	20.551	ug/l	97
47) Bromodichloromethane	7.817	83	67470	19.347	ug/l	97
48) Methyl methacrylate	7.689	41	58468	18.310	ug/l	99
49) 1,4-Dioxane	7.750	88	23255	339.916	ug/l #	79
51) 4-Methyl-2-Pentanone	8.573	43	372455	99.914	ug/l	99
52) Toluene	8.720	92	130369	20.752	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	72438	19.119	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81931	20.183	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	52022	21.083	ug/l	98
56) Ethyl methacrylate	9.116	69	78795	19.719	ug/l	99
57) 1,3-Dichloropropane	9.305	76	92131	20.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	185020	91.019	ug/l	100
59) 2-Hexanone	9.433	43	283445	100.965	ug/l	99
60) Dibromochloromethane	9.518	129	47695	20.278	ug/l	100
61) 1,2-Dibromoethane	9.610	107	53918	20.740	ug/l	100
64) Tetrachloroethene	9.274	164	44412	22.278	ug/l	97
65) Chlorobenzene	10.079	112	139341	21.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46865	20.505	ug/l	97
67) Ethyl Benzene	10.195	91	256535	21.102	ug/l	99
68) m/p-Xylenes	10.299	106	195021	43.400	ug/l	99
69) o-Xylene	10.640	106	95957	21.520	ug/l	99
70) Styrene	10.652	104	154061	21.438	ug/l	99
71) Bromoform	10.799	173	28742	19.113	ug/l #	99
73) Isopropylbenzene	10.963	105	249589	20.405	ug/l	100
74) N-amyl acetate	10.841	43	103295	18.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79411	20.013	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64356m	18.125	ug/l	
77) Bromobenzene	11.195	156	58121	20.935	ug/l	98
78) n-propylbenzene	11.305	91	301290	20.954	ug/l	99
79) 2-Chlorotoluene	11.366	91	176734	19.632	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	214511	20.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18365	16.670	ug/l	89
82) 4-Chlorotoluene	11.451	91	203207	19.600	ug/l	99
83) tert-Butylbenzene	11.713	119	205677	20.353	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	212745	20.380	ug/l	100
85) sec-Butylbenzene	11.890	105	269183	21.215	ug/l	99
86) p-Isopropyltoluene	12.006	119	222373	21.318	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113073	21.439	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	113262	21.267	ug/l	98
89) n-Butylbenzene	12.329	91	200713	21.152	ug/l	98
90) Hexachloroethane	12.536	117	30948	19.574	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	110277	21.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13644	15.442	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	68686	22.087	ug/l	99
94) Hexachlorobutadiene	13.725	225	27369	22.173	ug/l	97
95) Naphthalene	13.774	128	220279	20.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67572	22.094	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
VX0524WBS01

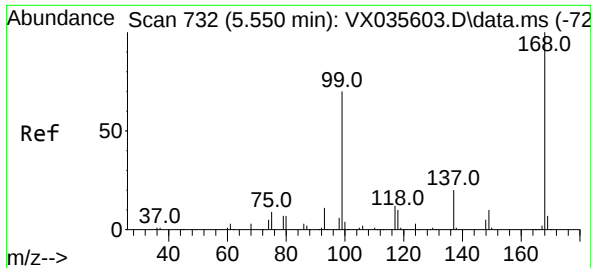
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 25 05:28:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

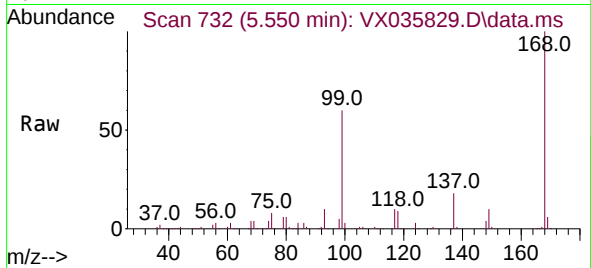
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

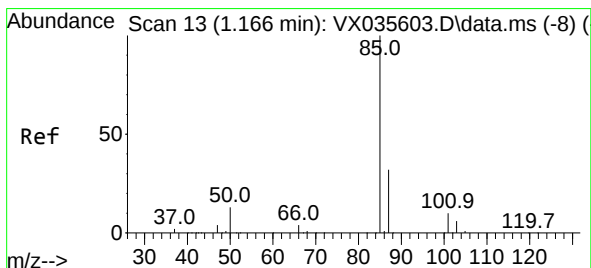
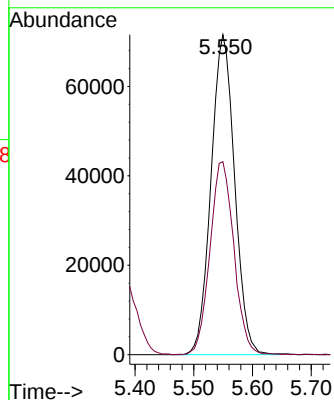
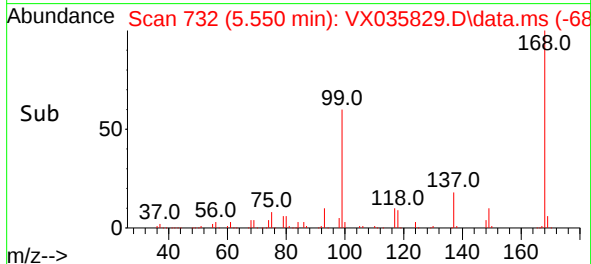
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion:168 Resp: 199572
Ion Ratio Lower Upper
168 100
99 60.2 45.7 68.5

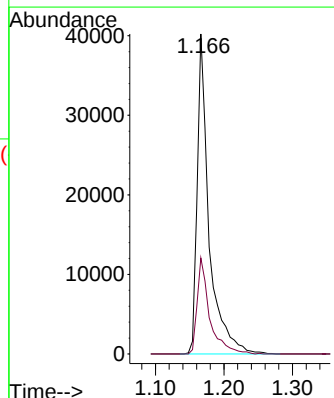
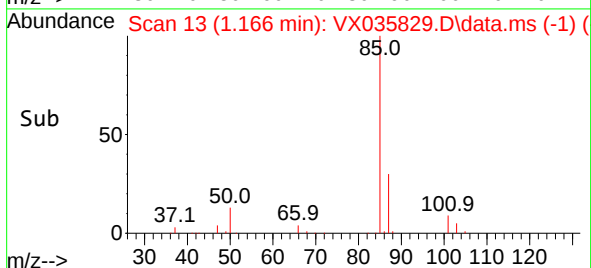
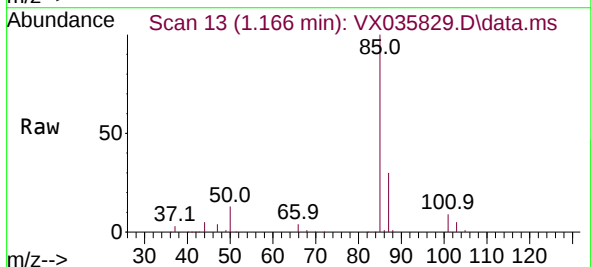
Manual Integrations
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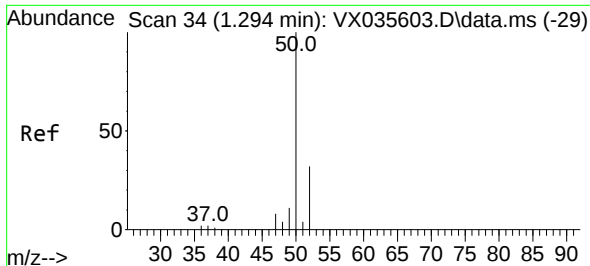
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 18.546 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

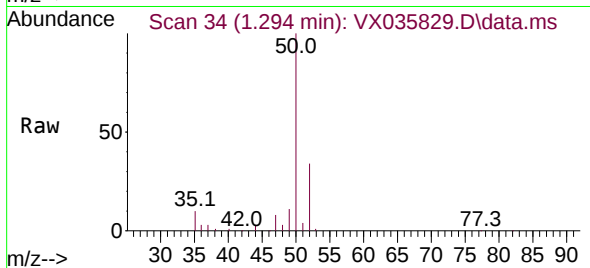
Tgt Ion: 85 Resp: 48237
Ion Ratio Lower Upper
85 100
87 30.0 16.4 49.1





#3
Chloromethane
Concen: 15.841 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

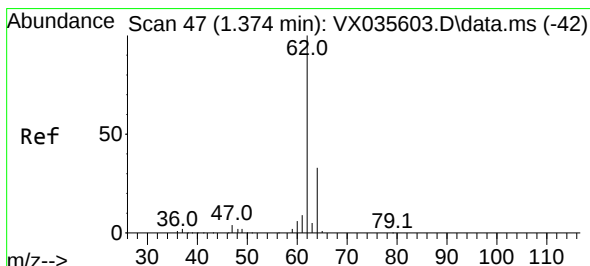
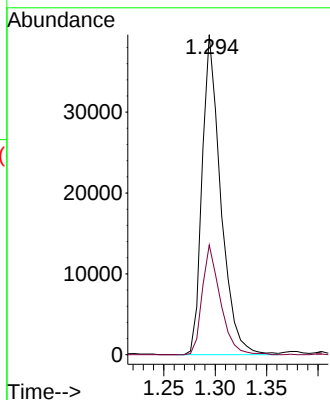
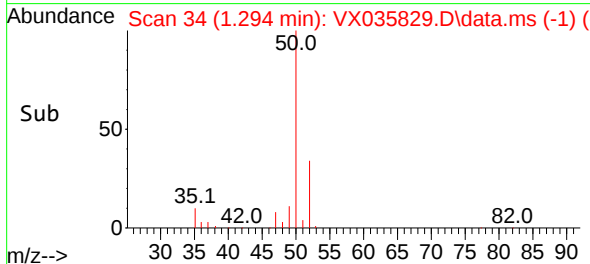
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 50000
Ion Ratio Lower Upper
50 100
52 34.3 25.9 38.9

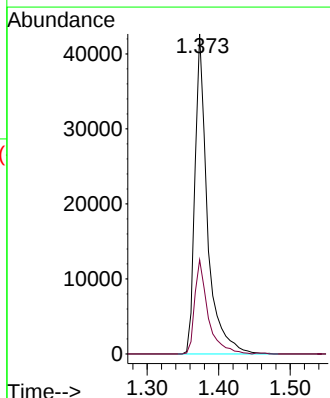
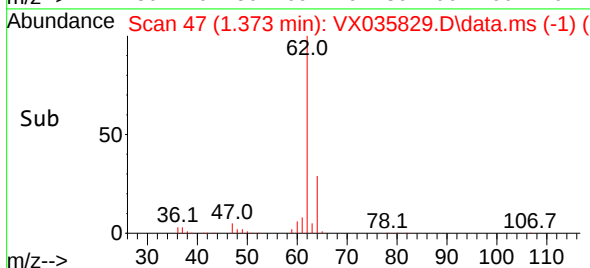
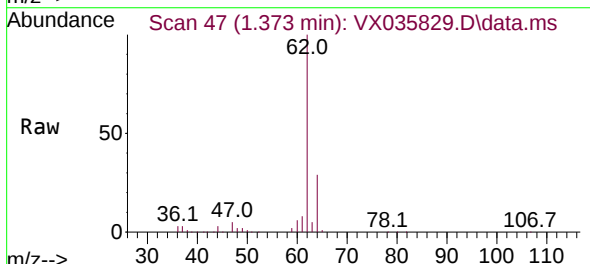
Manual Integrations
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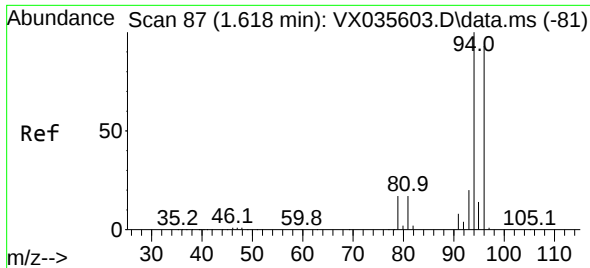
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 19.298 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

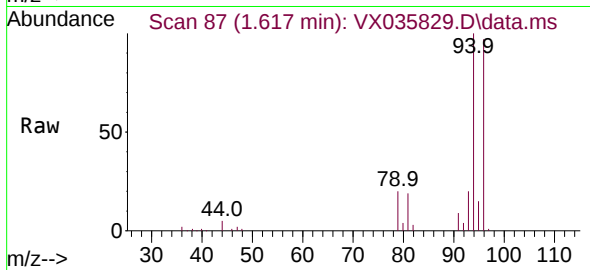
Tgt Ion: 62 Resp: 51694
Ion Ratio Lower Upper
62 100
64 29.4 26.4 39.6





#5
Bromomethane
Concen: 21.428 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

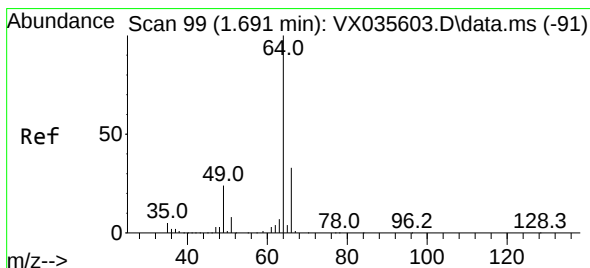
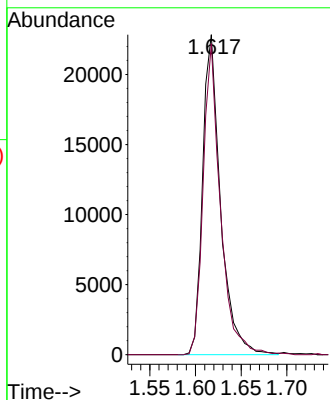
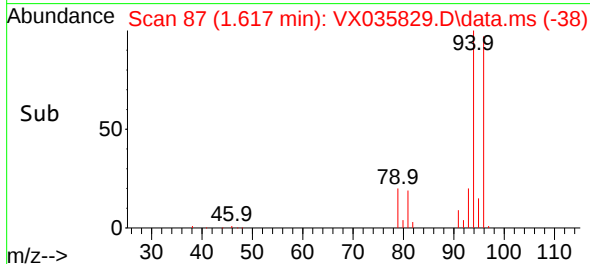
Instrument :
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Tgt Ion: 94 Resp: 3108
Ion Ratio Lower Upper
94 100
96 97.2 77.0 115.6

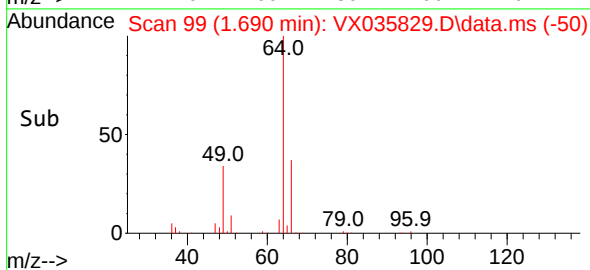
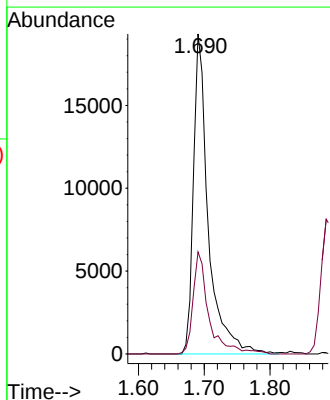
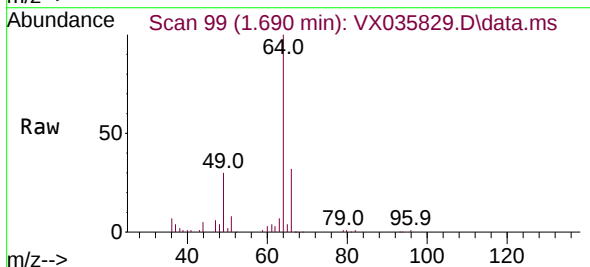
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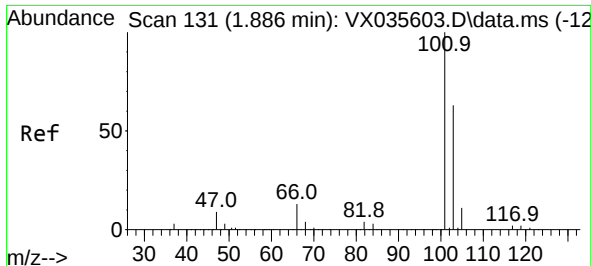
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 18.665 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

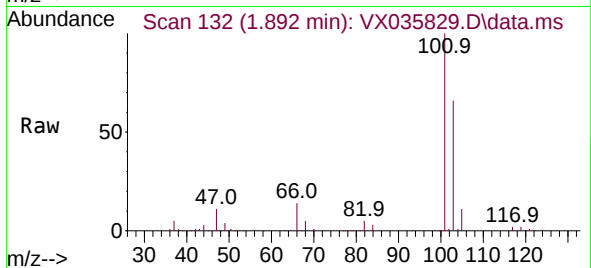
Tgt Ion: 64 Resp: 30332
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.991 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

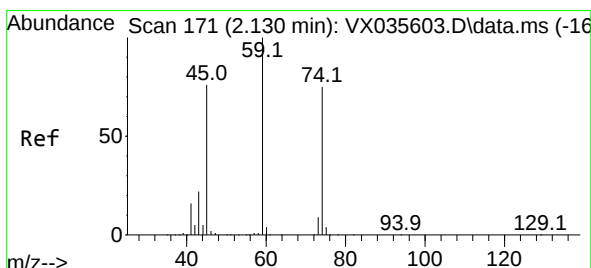
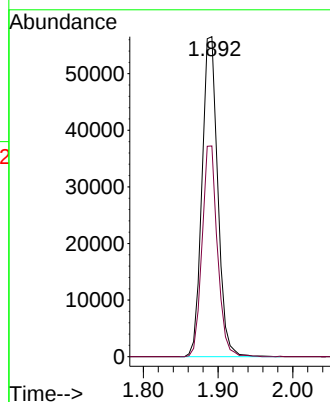
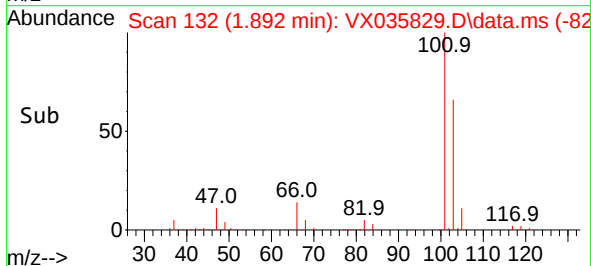
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion:101 Resp: 82670
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

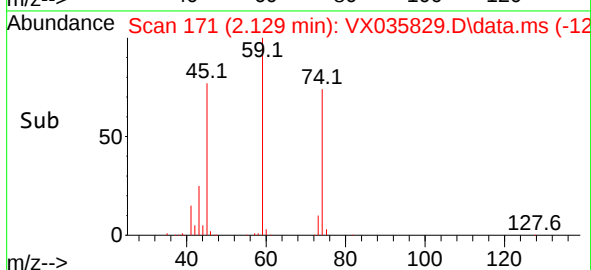
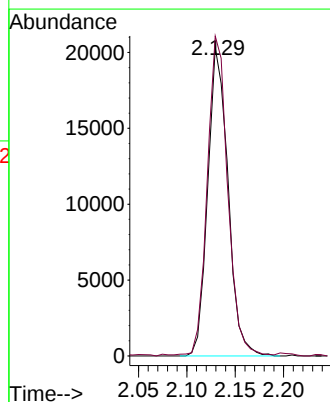
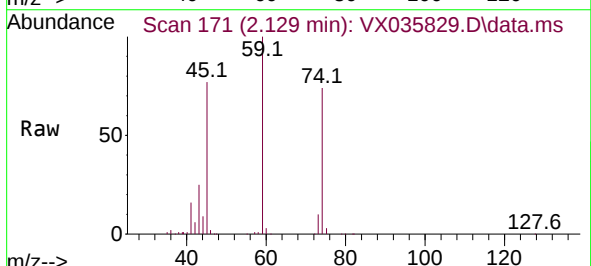
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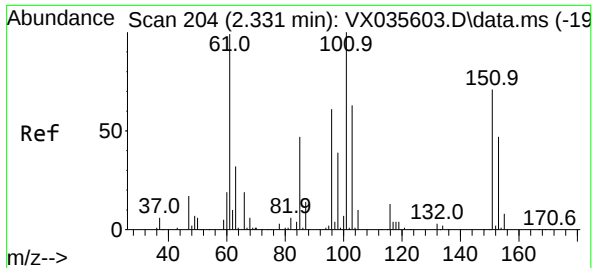
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 19.584 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

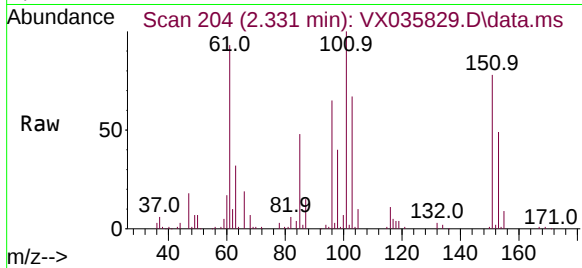
Tgt Ion: 74 Resp: 29699
Ion Ratio Lower Upper
74 100
45 105.3 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.963 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

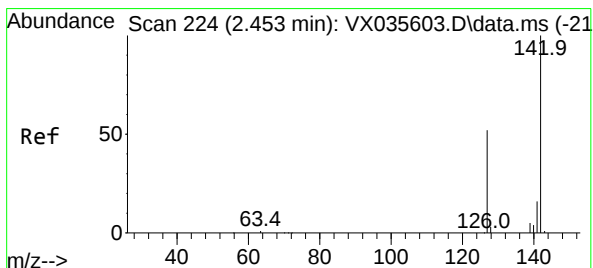
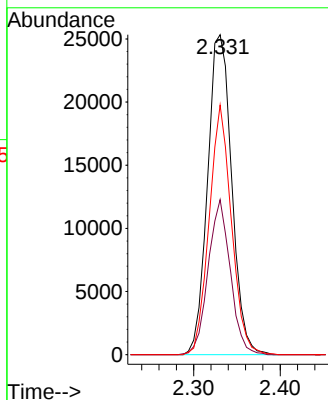
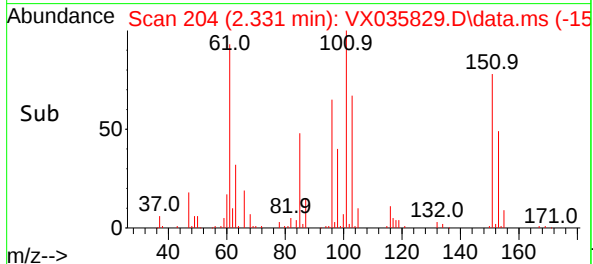
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



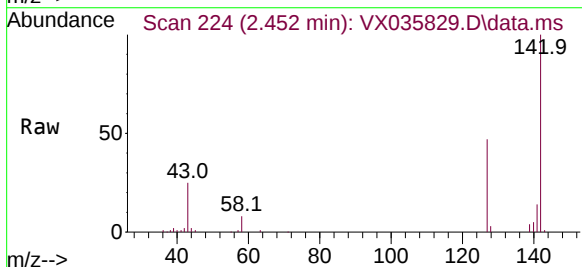
Tgt Ion:101 Resp: 4902
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.2
151 72.2 60.2 90.4

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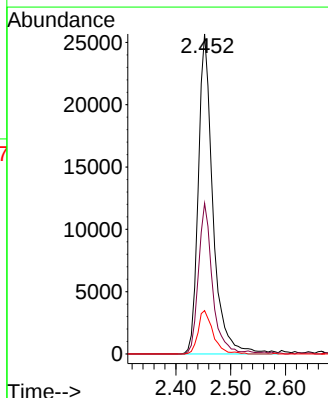
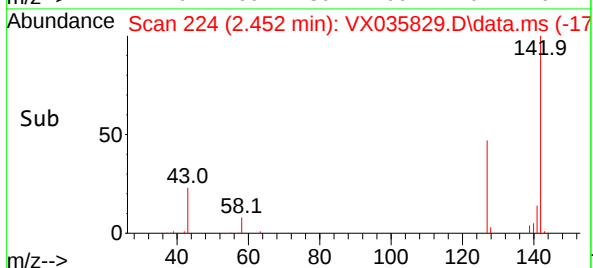
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

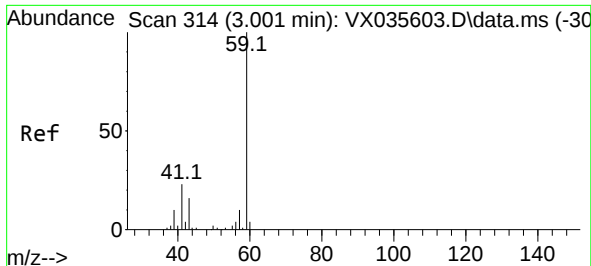


#10
Methyl Iodide
Concen: 22.731 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



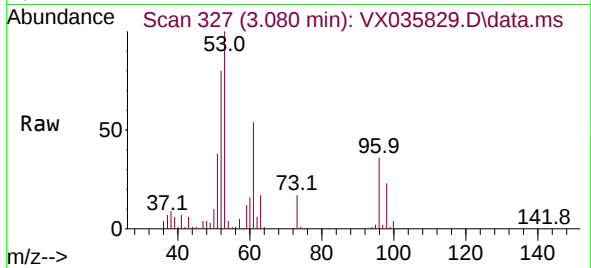
Tgt Ion:142 Resp: 47540
Ion Ratio Lower Upper
142 100
127 44.8 34.0 51.0
141 13.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 80.183 ug/l m
RT: 3.080 min Scan# 314
Delta R.T. 0.079 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

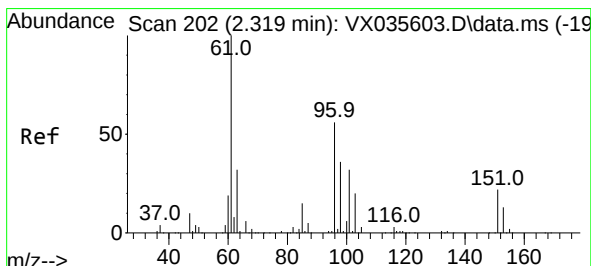
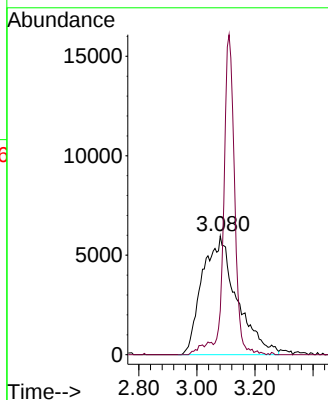
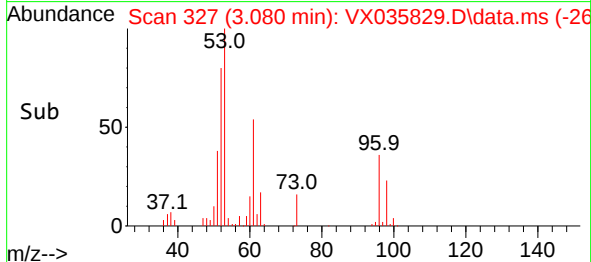
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 59 Resp: 4925
Ion Ratio Lower Upper
59 100
57 4.1 8.1 12.1

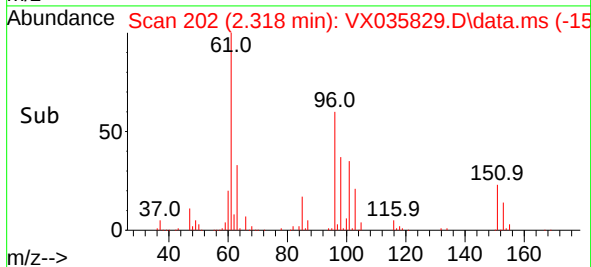
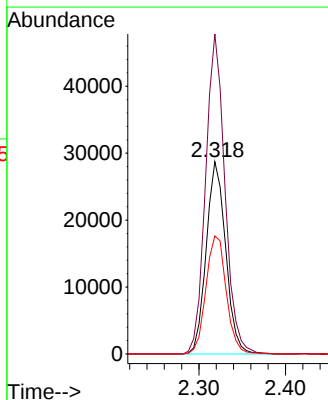
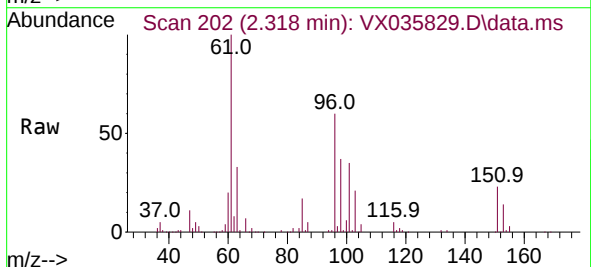
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 20.215 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

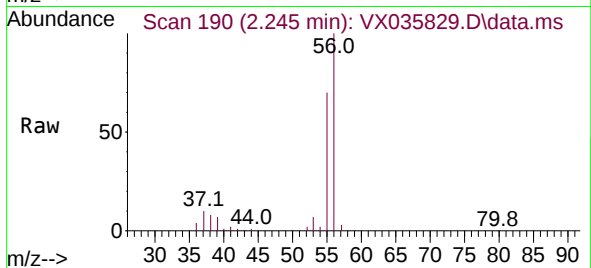
Tgt Ion: 96 Resp: 44927
Ion Ratio Lower Upper
96 100
61 166.4 128.8 193.2
98 61.5 51.4 77.0





#13
Acrolein
Concen: 106.246 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

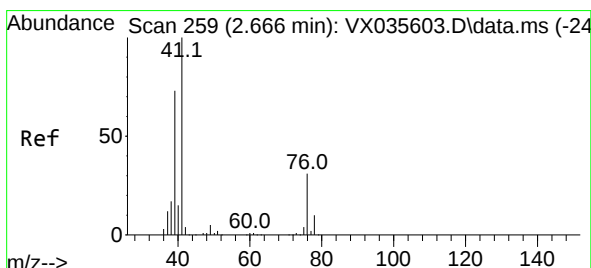
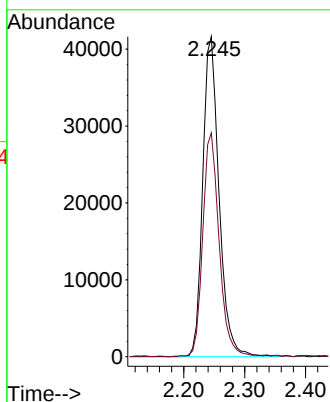
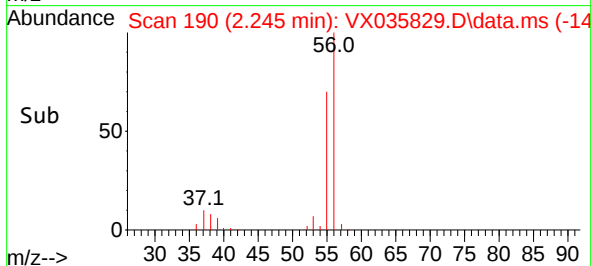
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 56 Resp: 7745
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

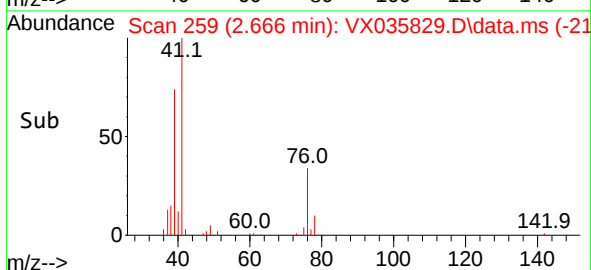
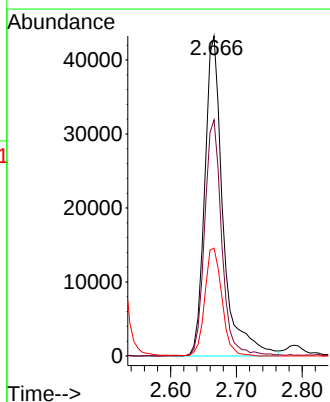
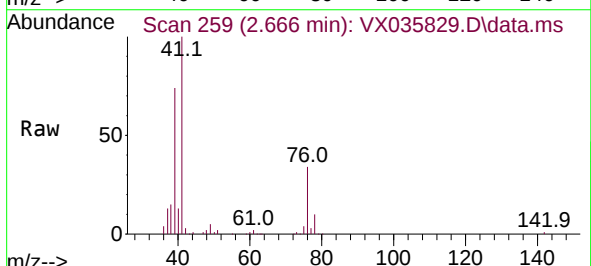
Manual Integrations
APPROVED

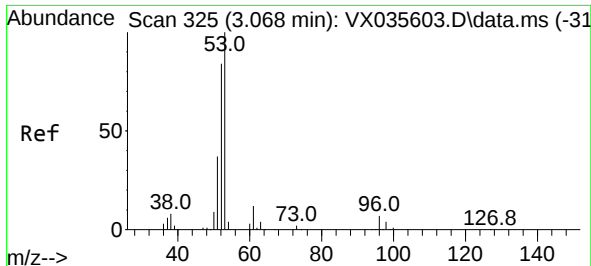
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 17.631 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

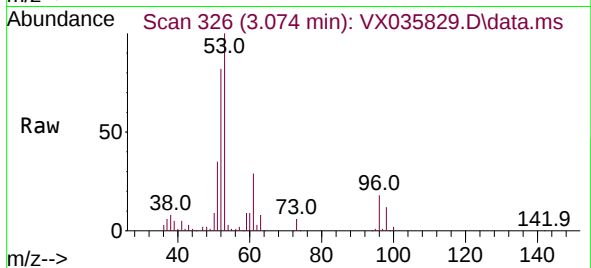
Tgt Ion: 41 Resp: 83948
Ion Ratio Lower Upper
41 100
39 68.7 52.4 78.6
76 31.5 26.0 39.0





#15
Acrylonitrile
Concen: 97.666 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

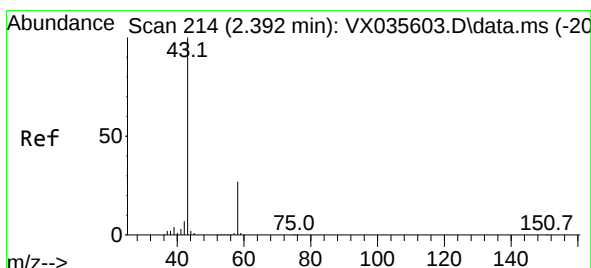
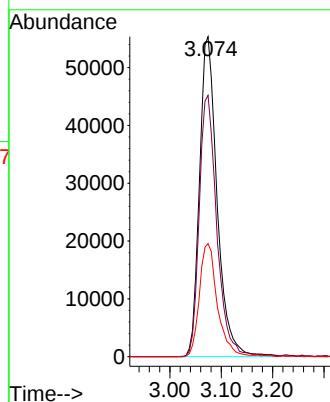
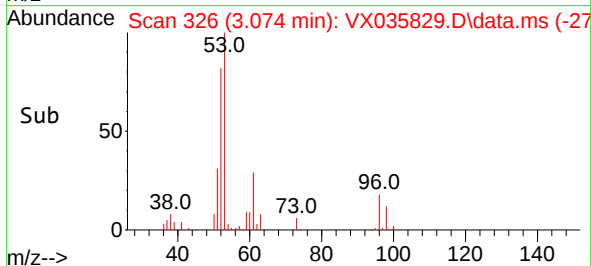
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 53 Resp: 13210
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.2
51 36.3 28.3 42.5

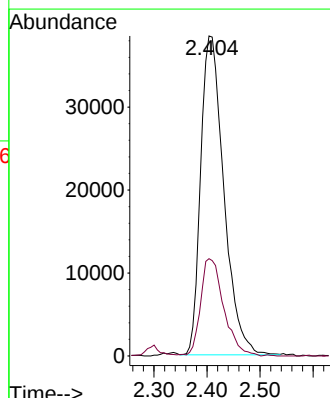
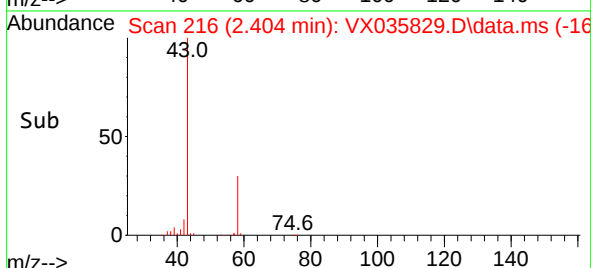
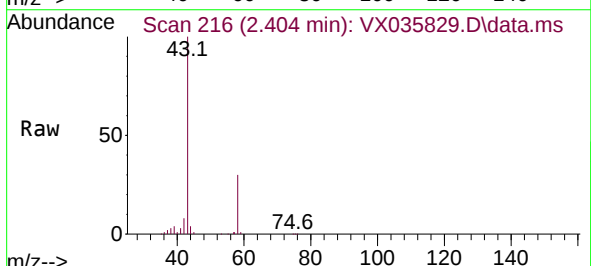
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APPROVED

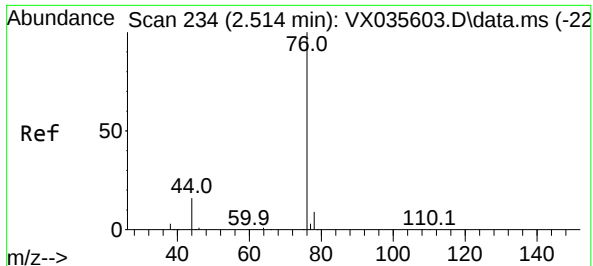
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 77.945 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion: 43 Resp: 116636
Ion Ratio Lower Upper
43 100
58 30.5 24.7 37.1





#17

Carbon Disulfide

Concen: 17.480 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 76 Resp: 93760

Ion Ratio Lower Upper

76 100

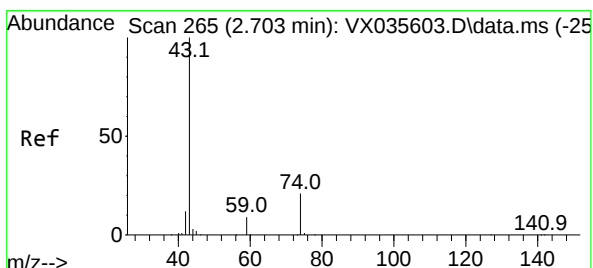
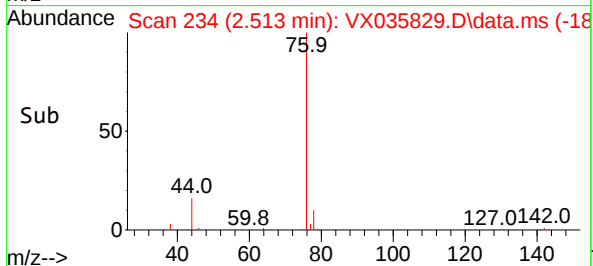
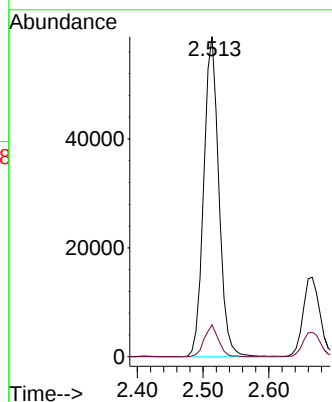
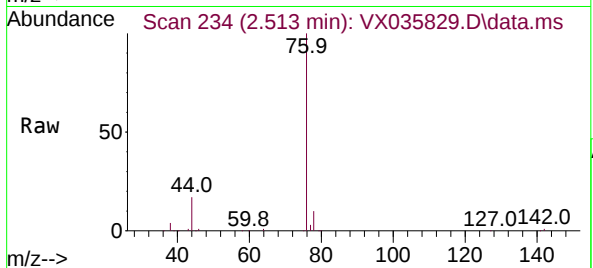
78 9.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#18

Methyl Acetate

Concen: 19.829 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX035829.D

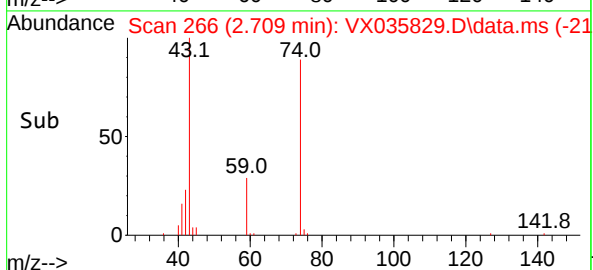
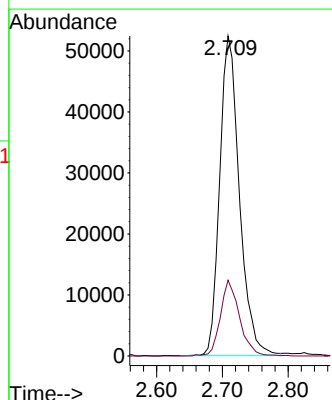
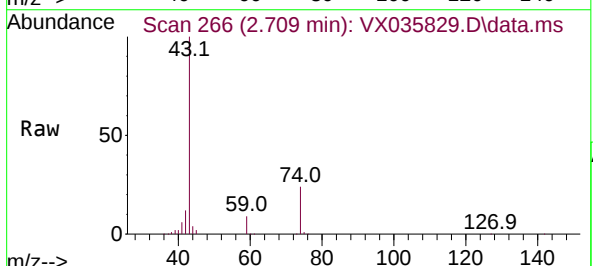
Acq: 24 May 2023 12:27

Tgt Ion: 43 Resp: 109427

Ion Ratio Lower Upper

43 100

74 23.0 18.3 27.5





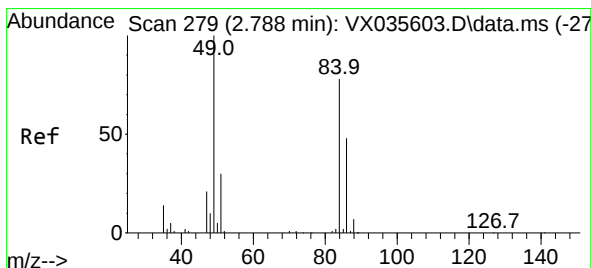
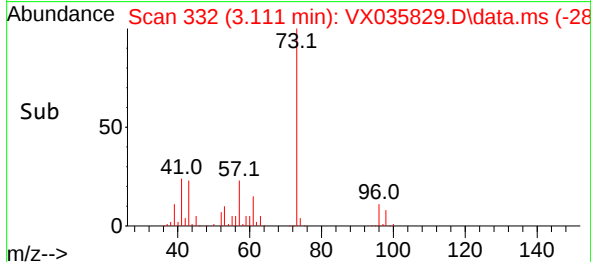
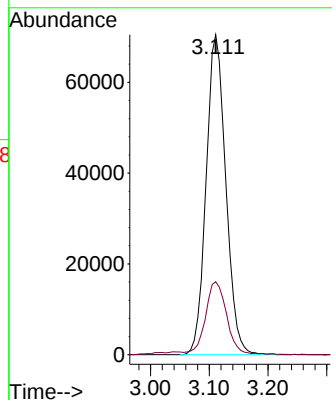
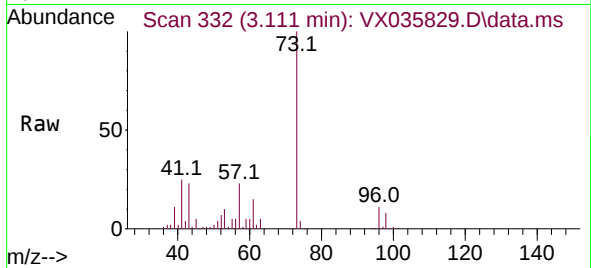
#19
Methyl tert-butyl Ether
Concen: 18.522 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tgt Ion: 73 Resp: 16381
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

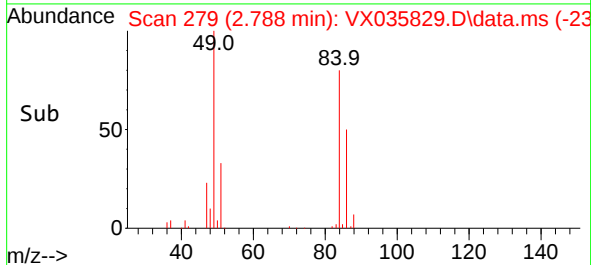
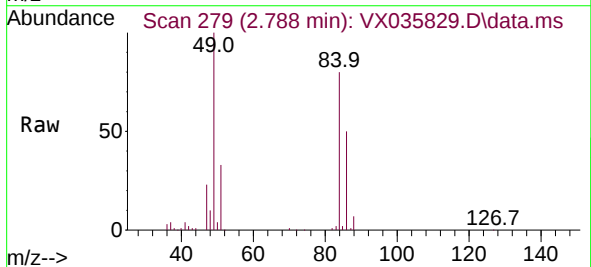
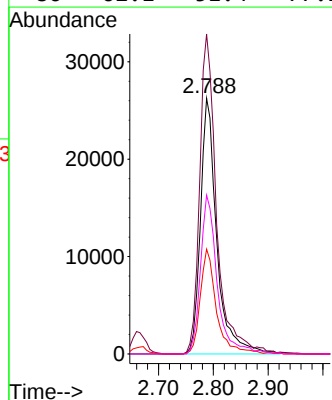
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 20.148 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion: 84 Resp: 54641
Ion Ratio Lower Upper
84 100
49 125.1 103.8 155.8
51 41.0 31.8 47.8
86 62.1 51.4 77.2





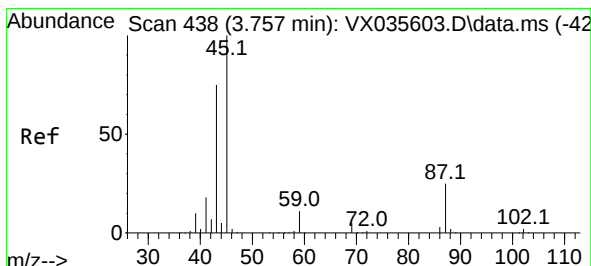
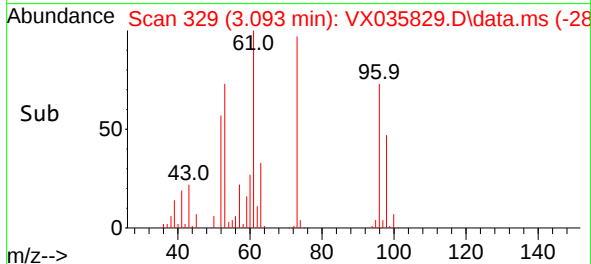
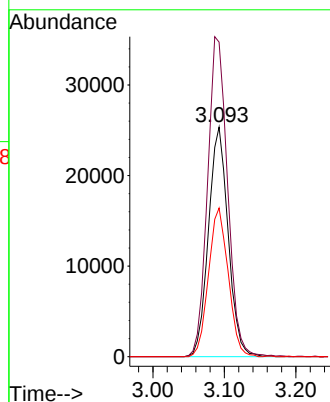
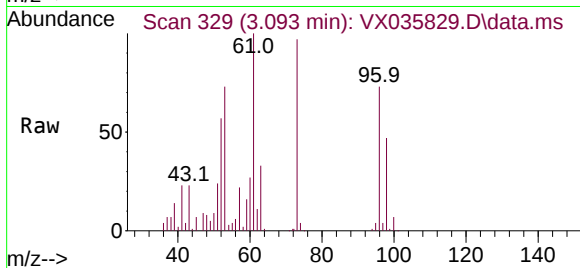
#21
trans-1,2-Dichloroethene
Concen: 19.928 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tgt Ion: 96 Resp: 4853
Ion Ratio Lower Upper
96 100
61 137.0 113.0 169.6
98 64.7 52.1 78.1

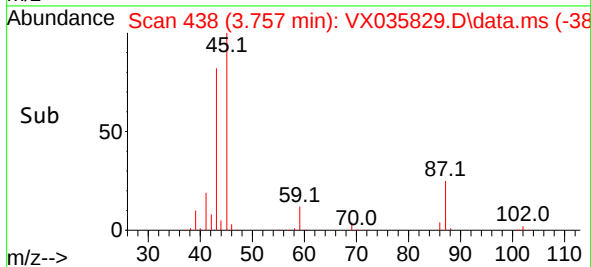
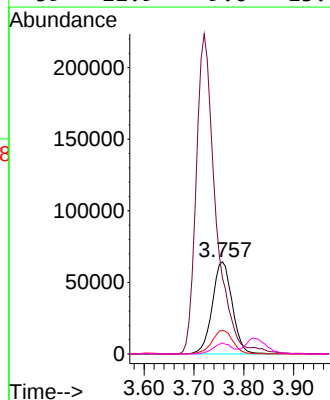
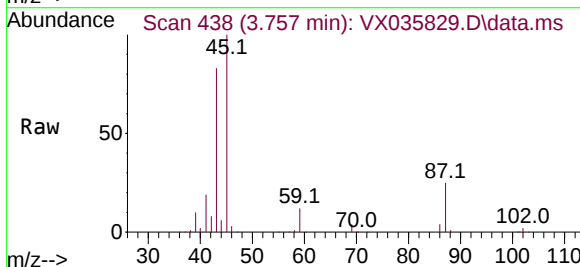
Manual Integrations
APPROVED

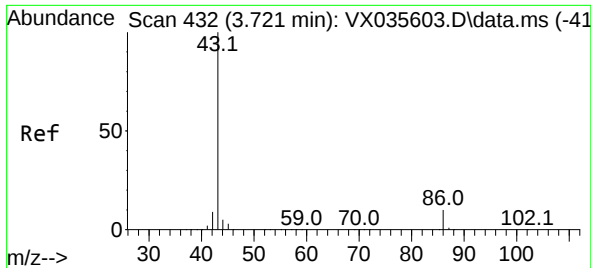
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 19.132 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

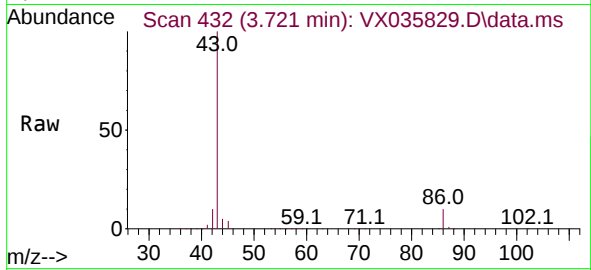
Tgt Ion: 45 Resp: 178353
Ion Ratio Lower Upper
45 100
43 82.0 65.4 98.2
87 25.4 20.6 31.0
59 11.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 92.573 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035829.D
 Acq: 24 May 2023 12:27

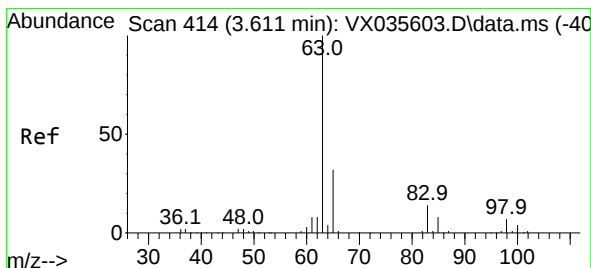
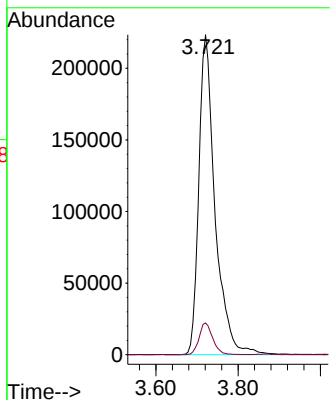
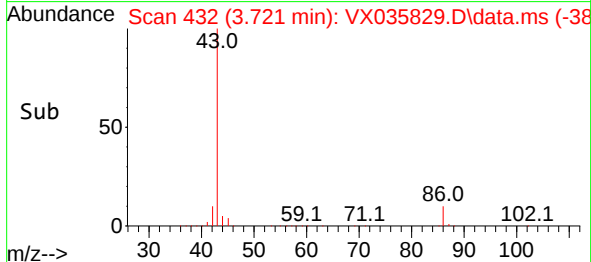
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01



Tgt Ion: 43 Resp: 61063
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

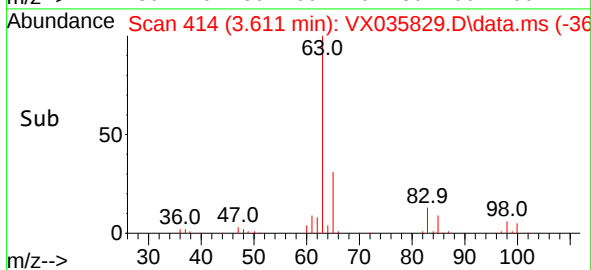
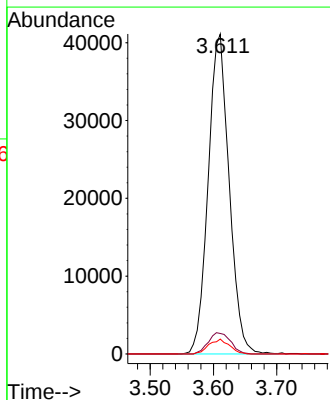
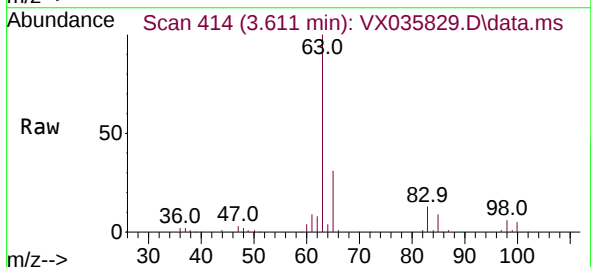
Manual Integrations
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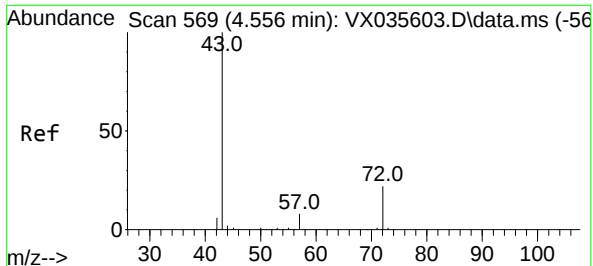
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 18.980 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035829.D
 Acq: 24 May 2023 12:27

Tgt Ion: 63 Resp: 94629
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 92.049 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 43 Resp: 190679

Ion Ratio Lower Upper

43 100

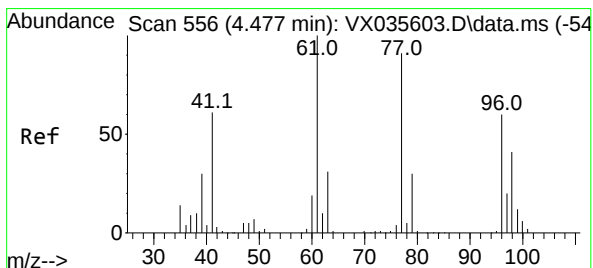
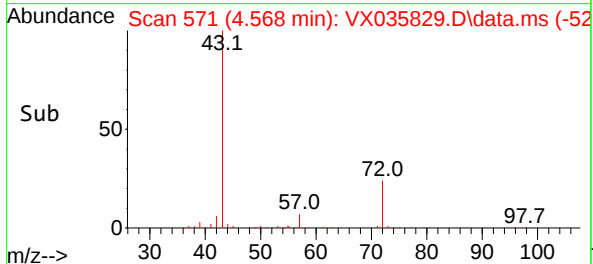
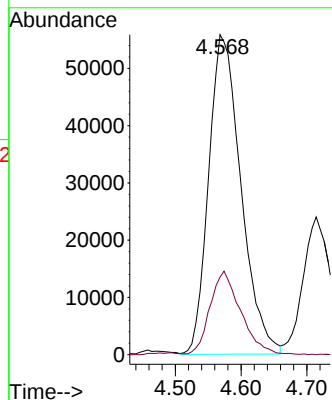
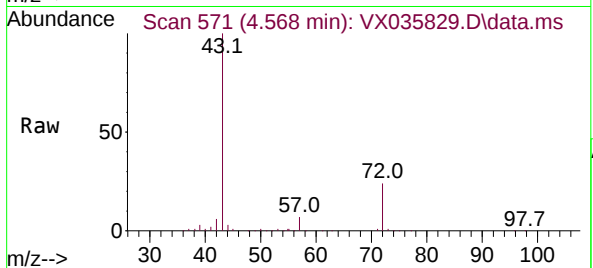
72 24.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#26

2,2-Dichloropropane

Concen: 17.830 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.007 min

Lab File: VX035829.D

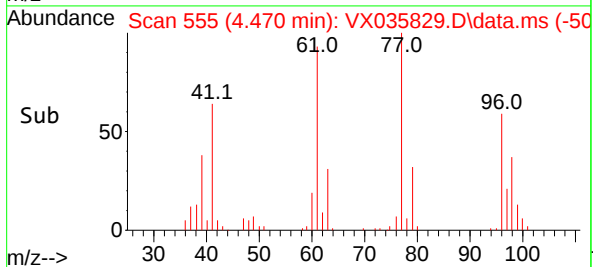
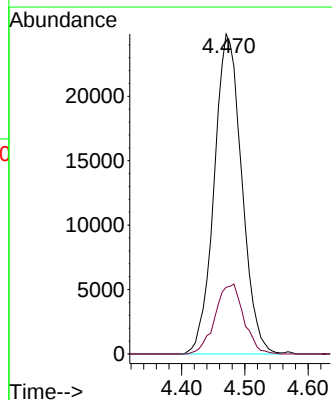
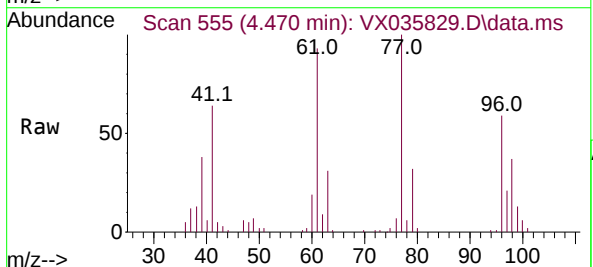
Acq: 24 May 2023 12:27

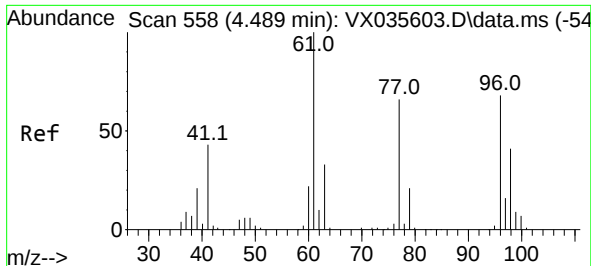
Tgt Ion: 77 Resp: 75278

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.062 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 96 Resp: 5873

Ion Ratio Lower Upper

96 100

61 148.5 0.0 300.4

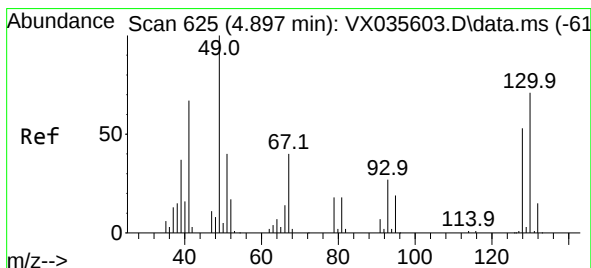
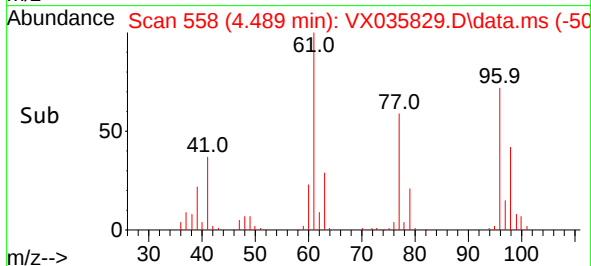
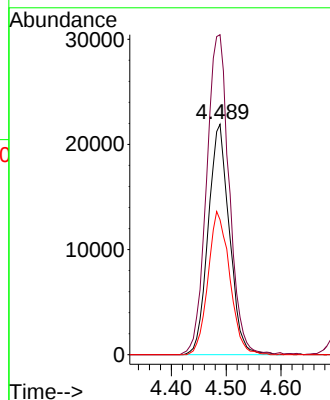
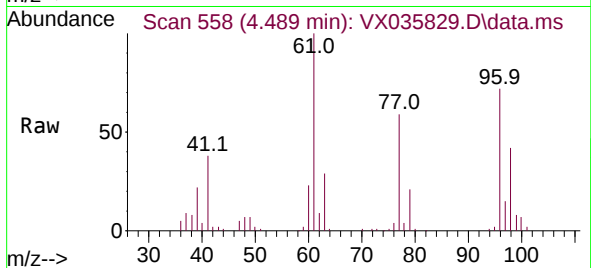
98 63.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#28

Bromochloromethane

Concen: 18.326 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

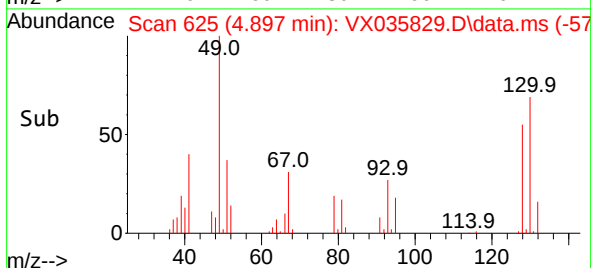
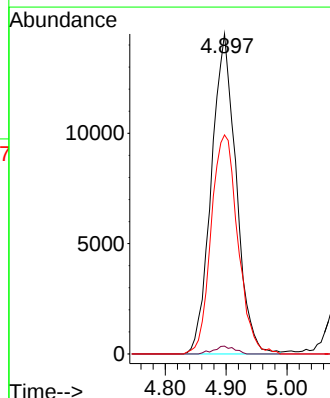
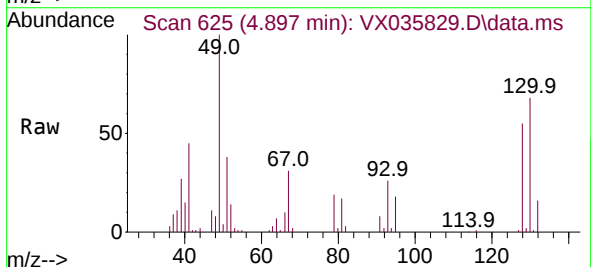
Tgt Ion: 49 Resp: 41098

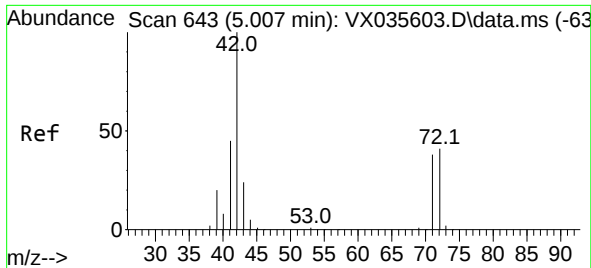
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 93.965 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 42 Resp: 12234

Ion Ratio Lower Upper

42 100

72 40.9 34.5 51.7

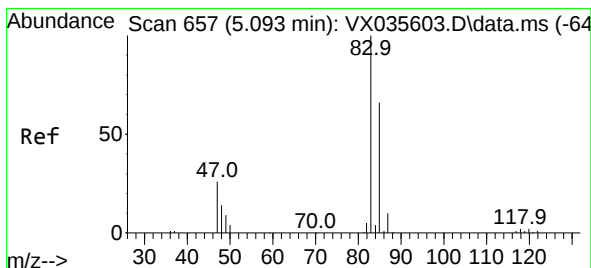
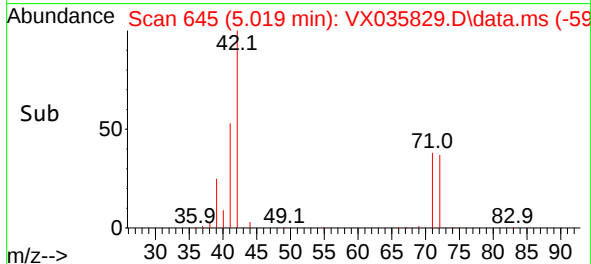
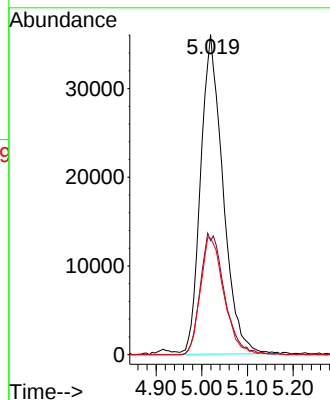
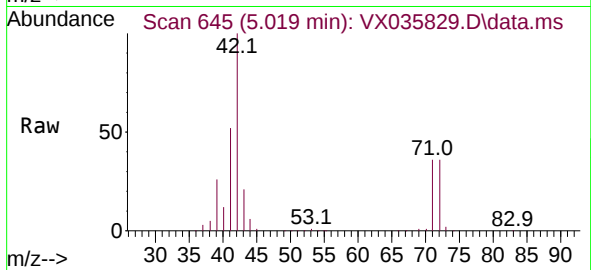
71 38.6 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 18.871 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035829.D

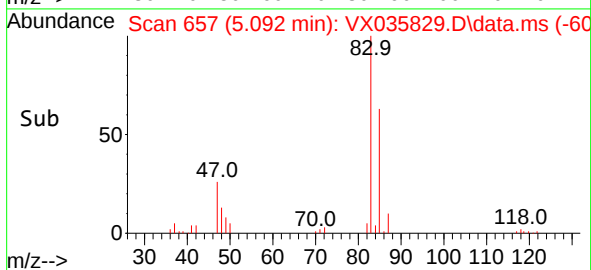
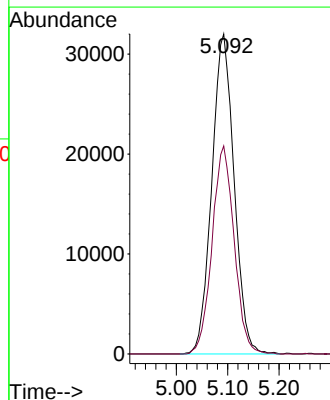
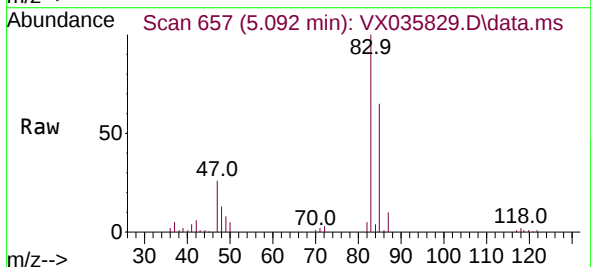
Acq: 24 May 2023 12:27

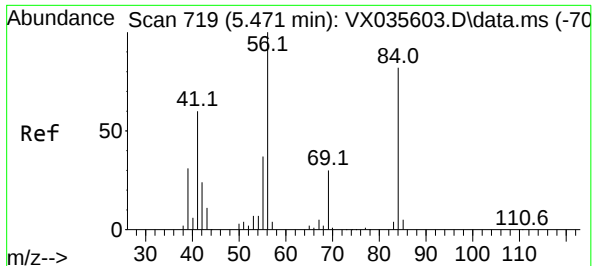
Tgt Ion: 83 Resp: 96410

Ion Ratio Lower Upper

83 100

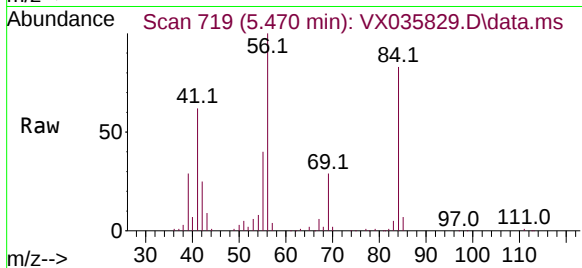
85 65.0 50.6 76.0





#31
Cyclohexane
Concen: 18.814 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

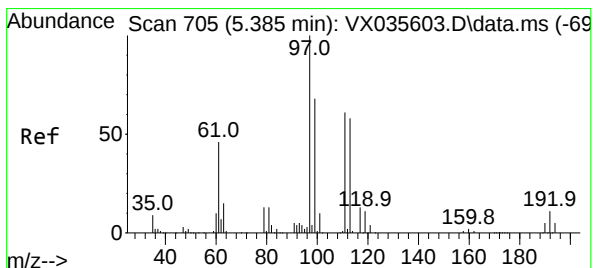
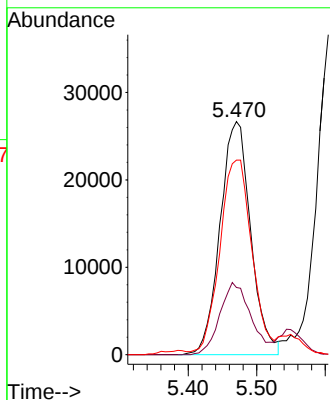
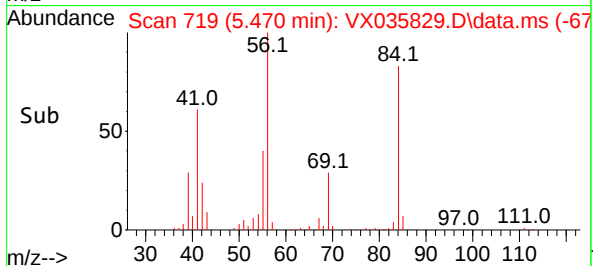
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 56 Resp: 82759
Ion Ratio Lower Upper
56 100
69 28.8 23.7 35.5
84 81.6 68.5 102.7

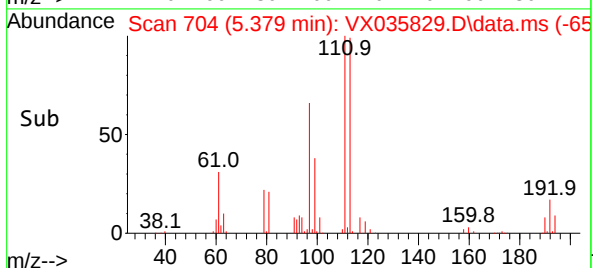
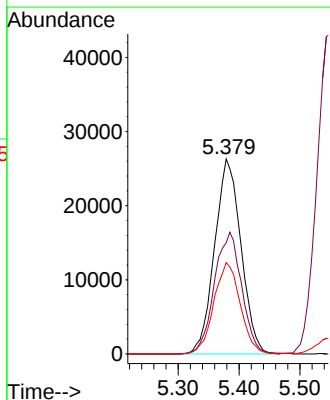
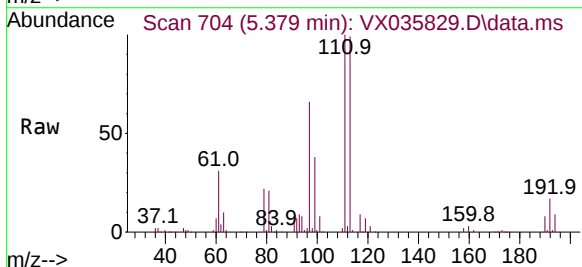
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 17.802 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion: 97 Resp: 79136
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 46.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 42.360 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 65 Resp: 14748

Ion Ratio Lower Upper

65 100

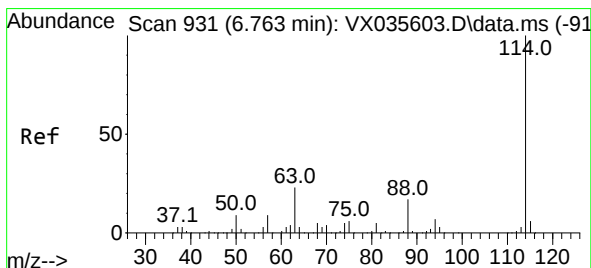
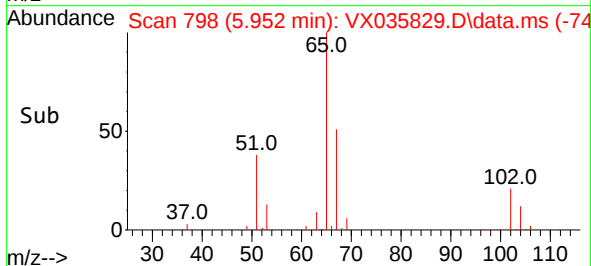
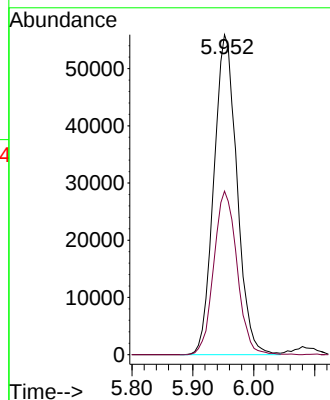
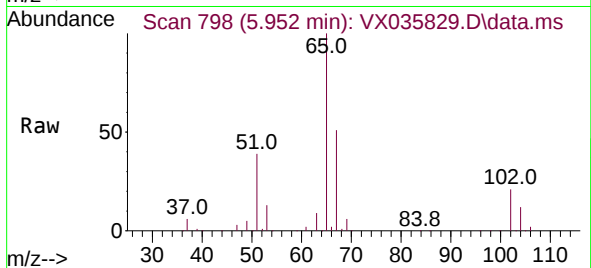
67 51.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

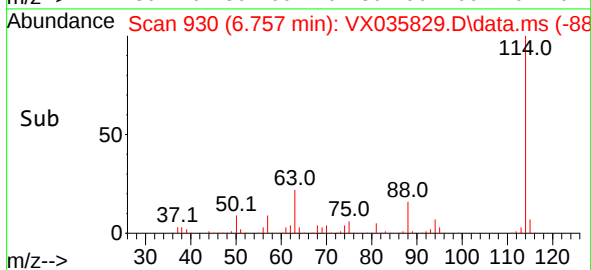
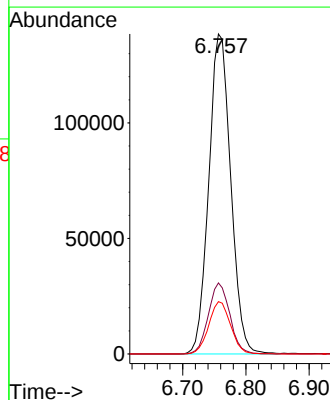
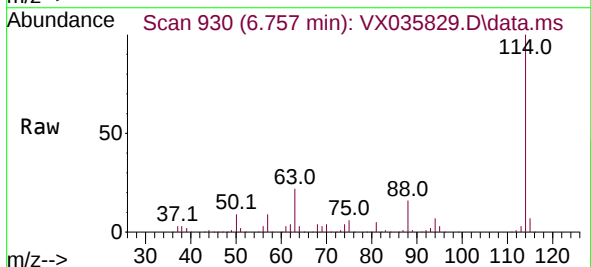
Tgt Ion:114 Resp: 334199

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.982 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035829.D

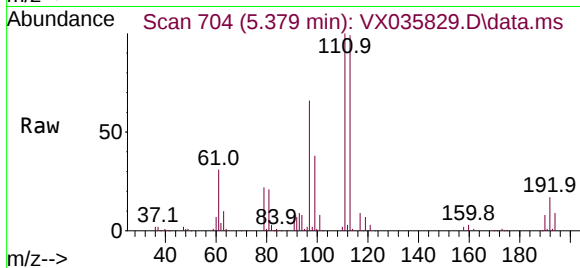
Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01



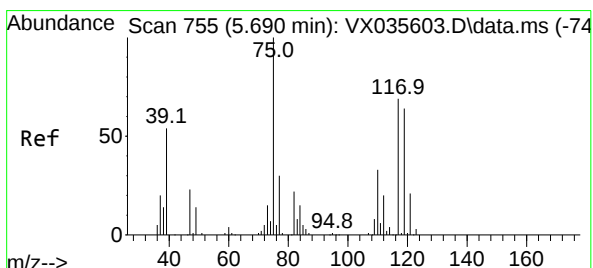
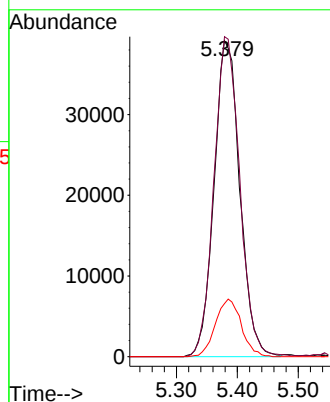
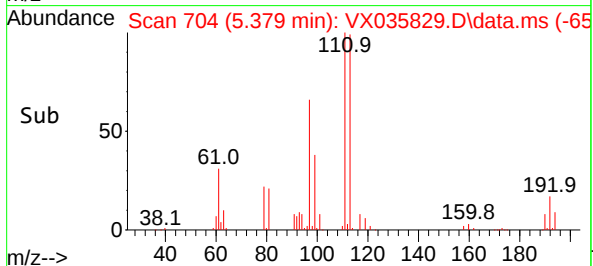
Tgt Ion:	113	Resp:	114904
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.7	125.5
192	18.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 19.817 ug/l

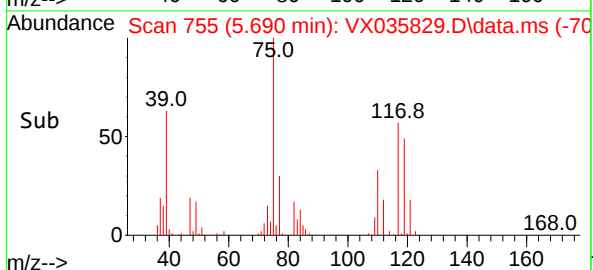
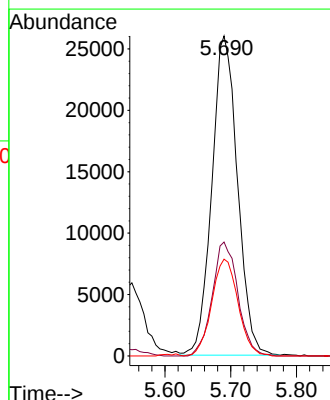
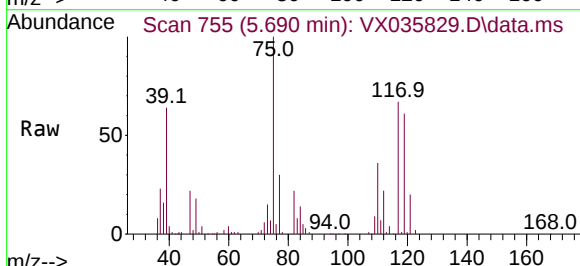
RT: 5.690 min Scan# 755

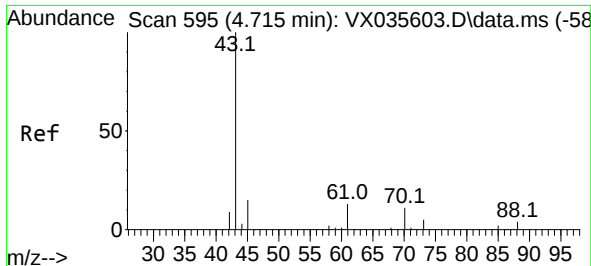
Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Tgt Ion:	75	Resp:	70501
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.5	52.5
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 19.564 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 43 Resp: 72594

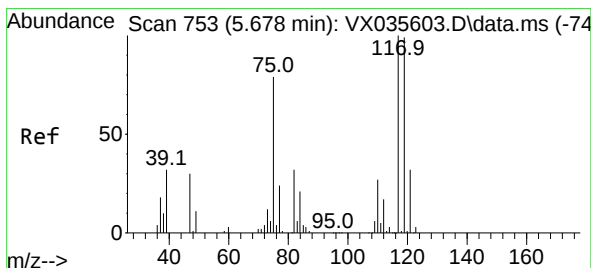
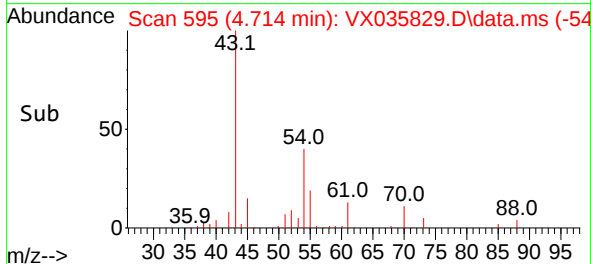
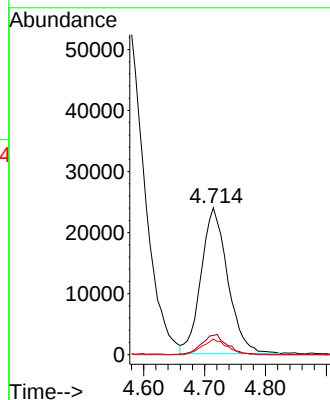
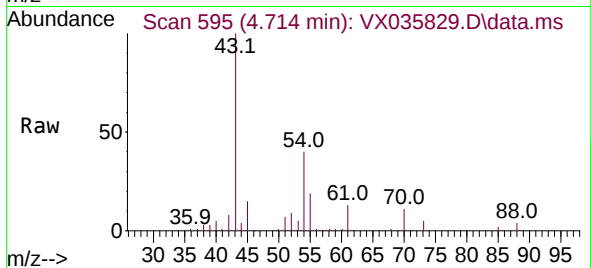
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.4
70	9.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 19.166 ug/l

RT: 5.671 min Scan# 752

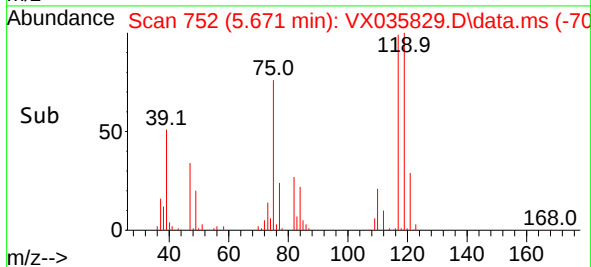
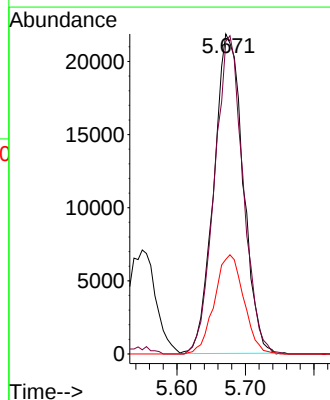
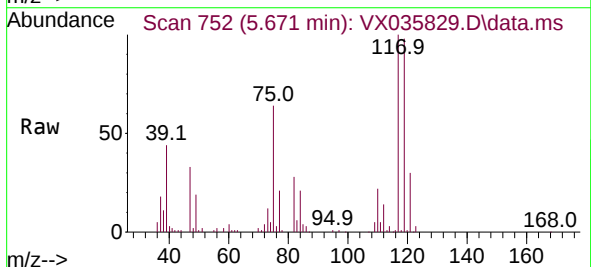
Delta R.T. -0.007 min

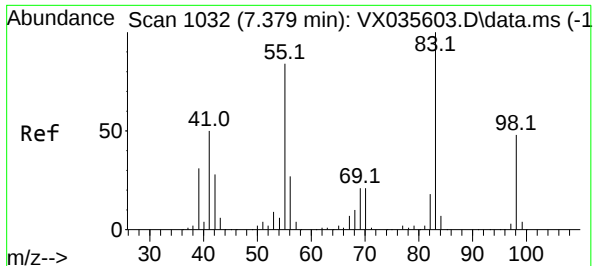
Lab File: VX035829.D

Acq: 24 May 2023 12:27

Tgt Ion:117 Resp: 64590

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
121	29.6	23.8	35.6





#39

Methylcyclohexane

Concen: 21.144 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.001 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

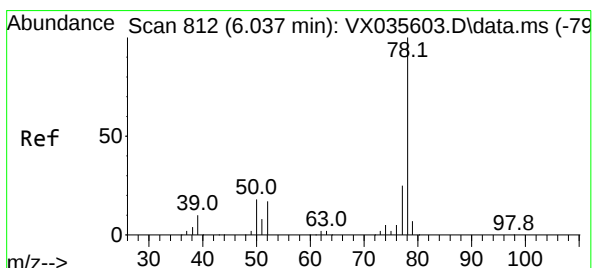
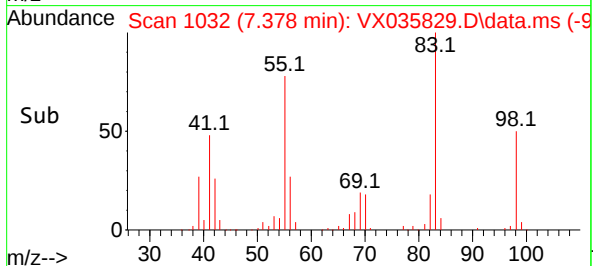
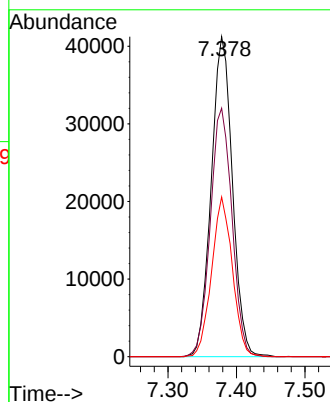
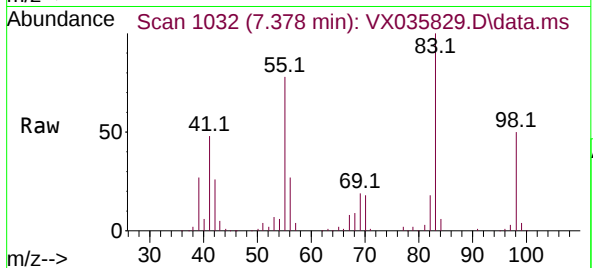
Tgt Ion: 83	Resp: 88540
Ion Ratio	Lower Upper
83 100	
55 77.6	60.5 90.7
98 49.9	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 21.194 ug/l

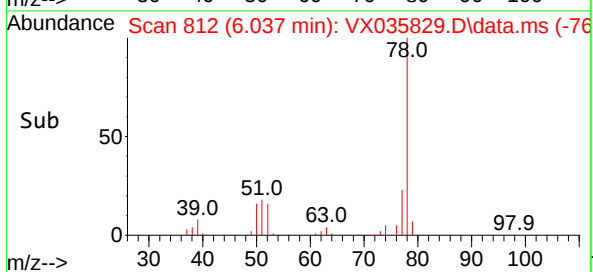
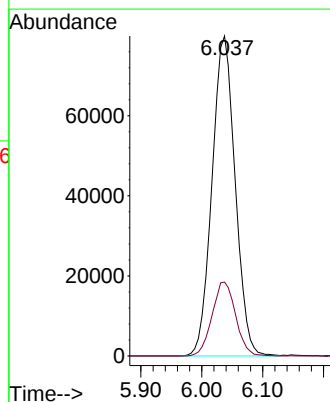
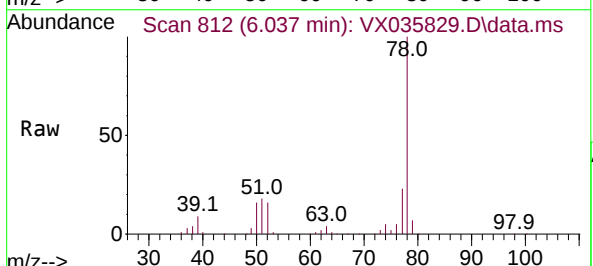
RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

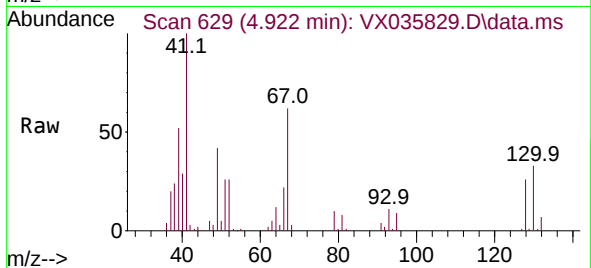
Tgt Ion: 78	Resp: 210926
Ion Ratio	Lower Upper
78 100	
77 23.1	19.0 28.4





#41
Methacrylonitrile
Concen: 19.027 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

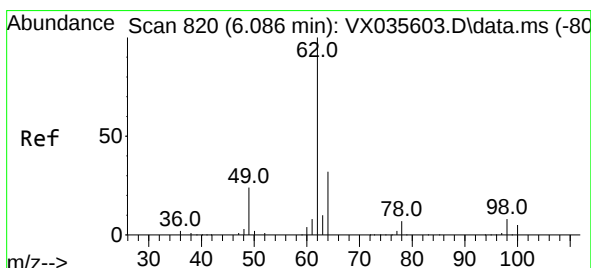
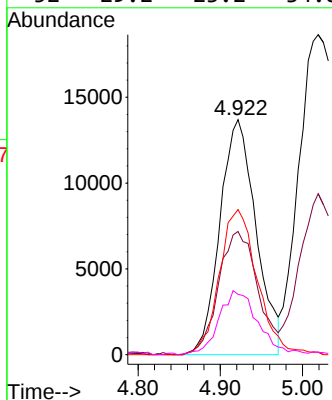
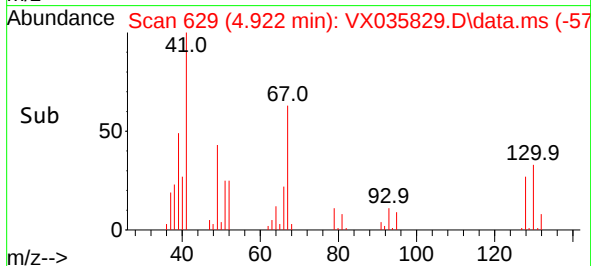
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 41 Resp: 41919
Ion Ratio Lower Upper
41 100
39 56.7 45.0 67.6
67 65.0 55.6 83.4
52 29.2 23.2 34.8

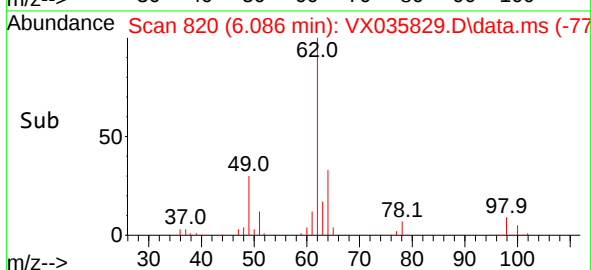
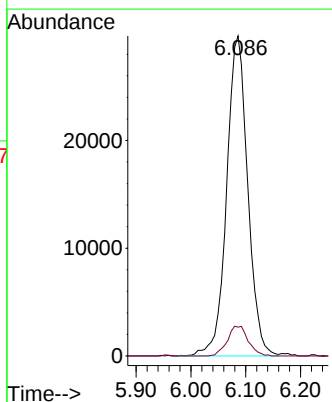
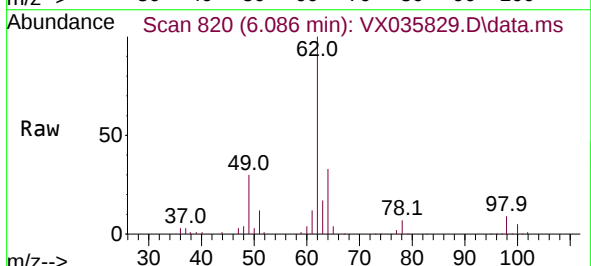
Manual Integrations
APPROVED

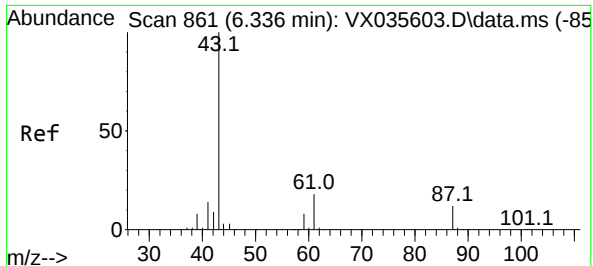
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 18.531 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

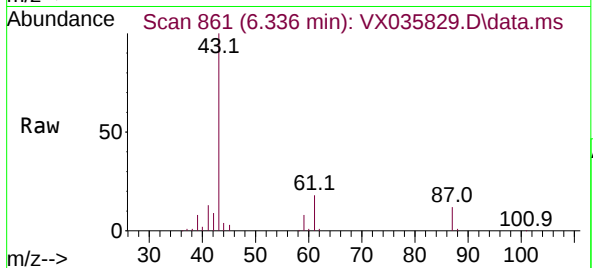
Tgt Ion: 62 Resp: 79334
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.191 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

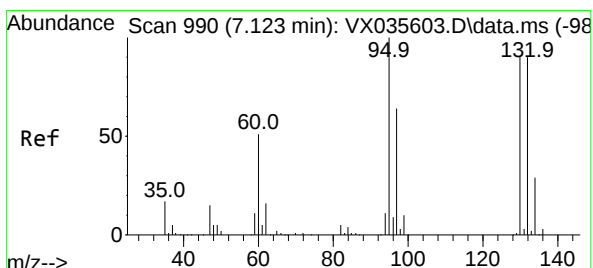
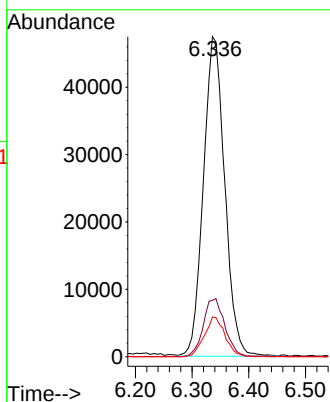
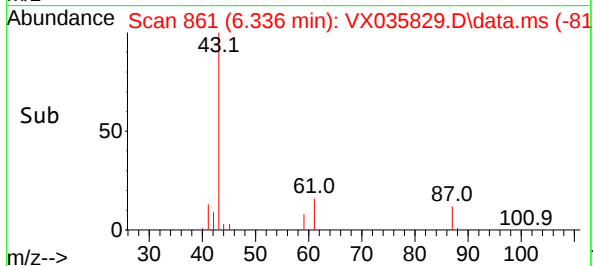
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



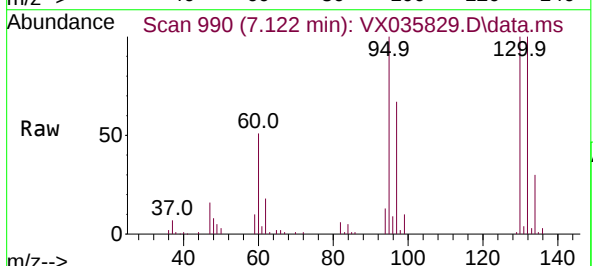
Tgt Ion: 43 Resp: 124175
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.0 9.8 14.8

Manual Integrations
APPROVED

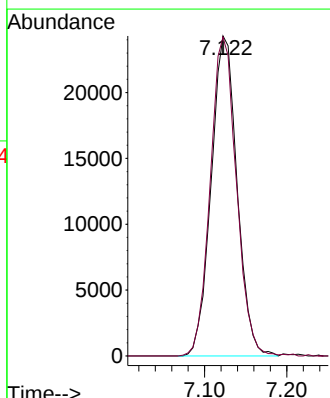
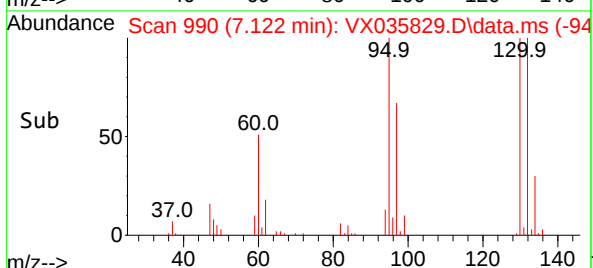
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#44
Trichloroethene
Concen: 21.085 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



Tgt Ion:130 Resp: 53210
Ion Ratio Lower Upper
130 100
95 99.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.264 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 63 Resp: 5605

Ion Ratio Lower Upper

63 100

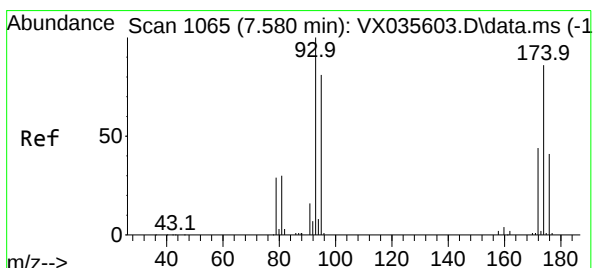
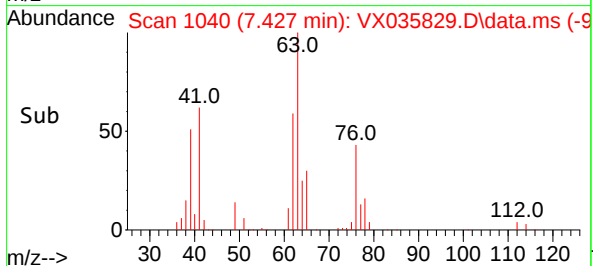
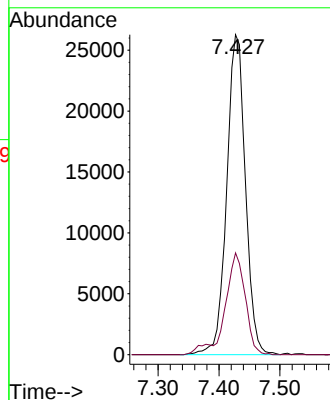
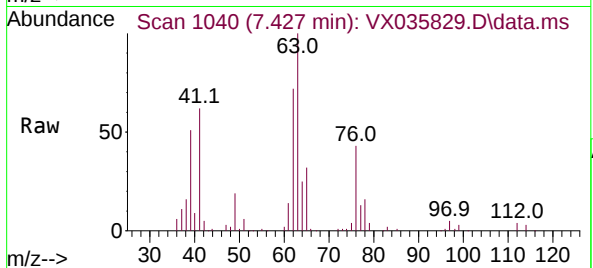
65 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 20.551 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

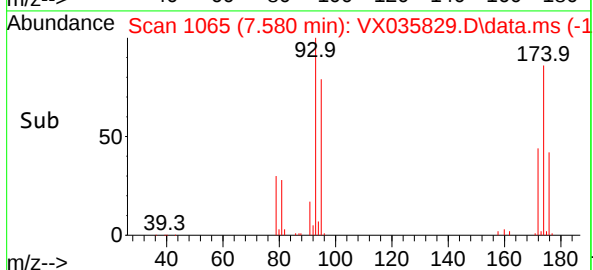
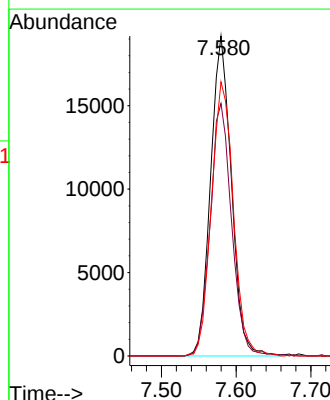
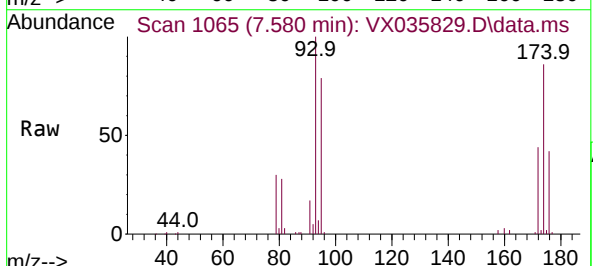
Tgt Ion: 93 Resp: 37079

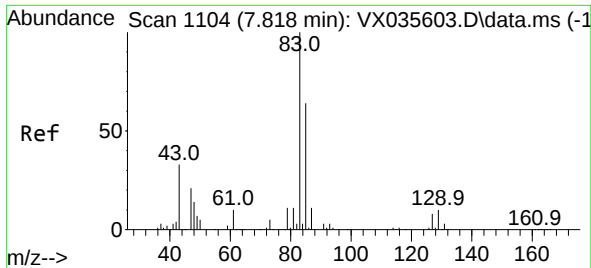
Ion Ratio Lower Upper

93 100

95 81.1 66.9 100.3

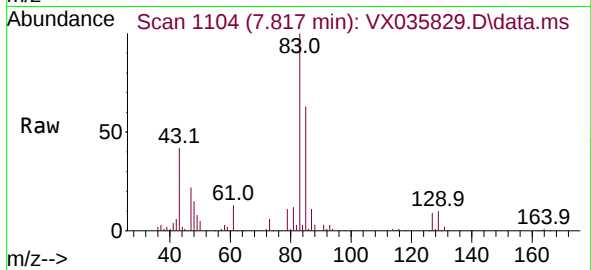
174 90.5 75.4 113.0





#47
Bromodichloromethane
Concen: 19.347 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

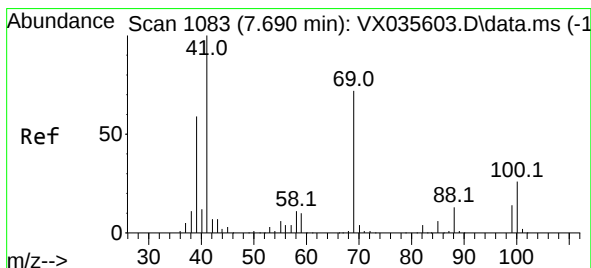
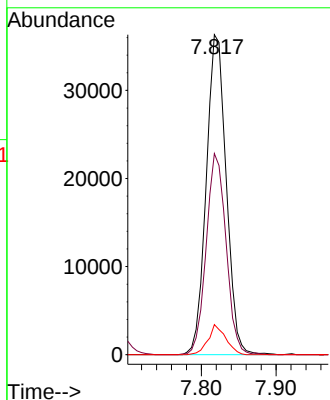
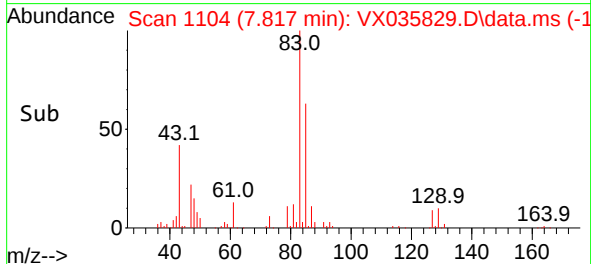
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 83 Resp: 67470
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 9.4 6.6 9.8

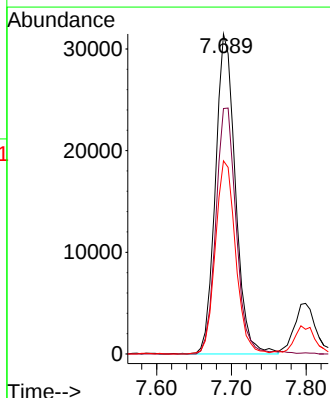
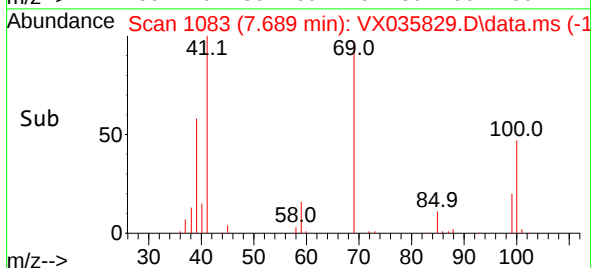
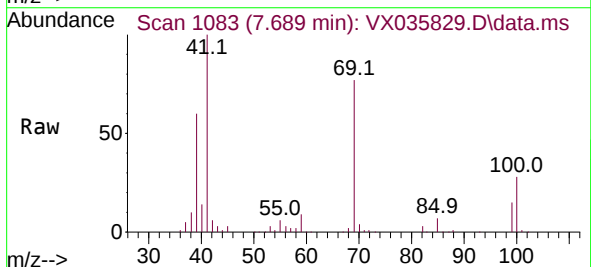
Manual Integrations
APPROVED

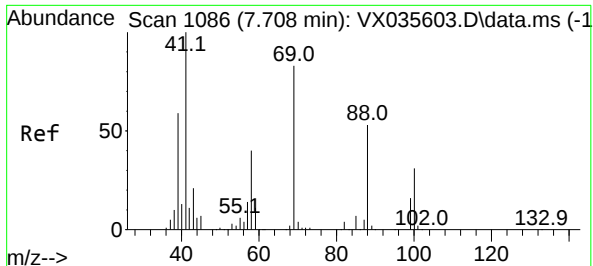
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 18.310 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

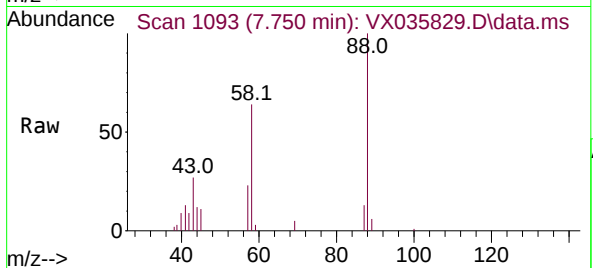
Tgt Ion: 41 Resp: 58468
Ion Ratio Lower Upper
41 100
69 78.3 62.2 93.4
39 61.3 47.7 71.5





#49
1,4-Dioxane
Concen: 339.916 ug/l
RT: 7.750 min Scan# 1086
Delta R.T. 0.042 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

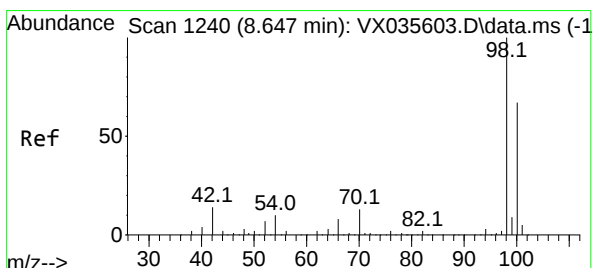
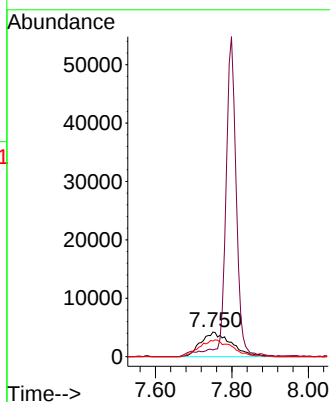
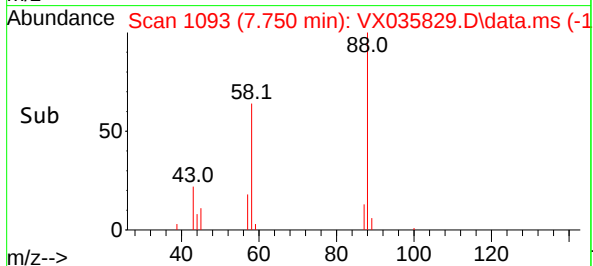
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 88 Resp: 2325
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5
58 72.3 56.8 85.2

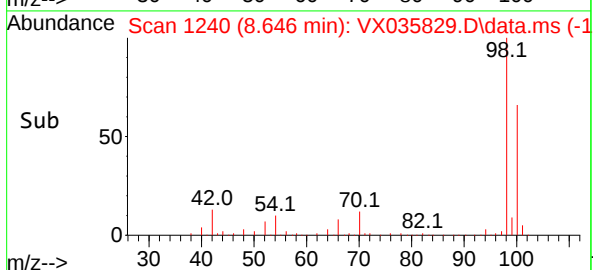
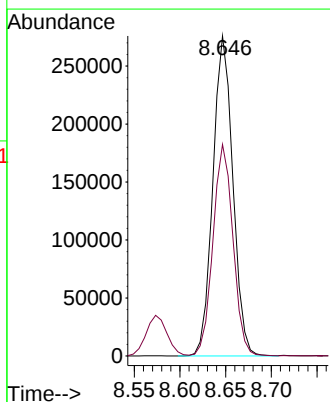
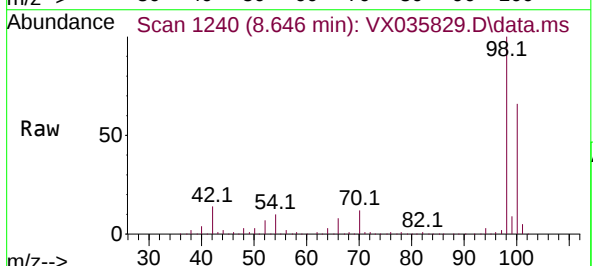
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 50.320 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion: 98 Resp: 418975
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





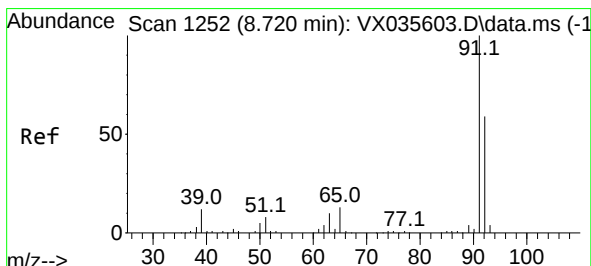
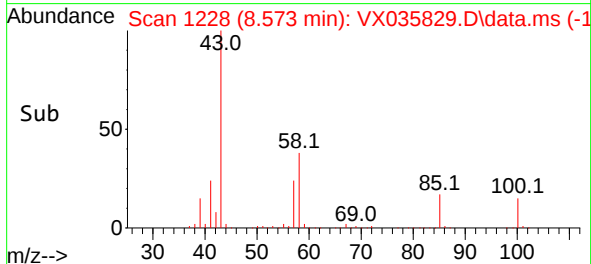
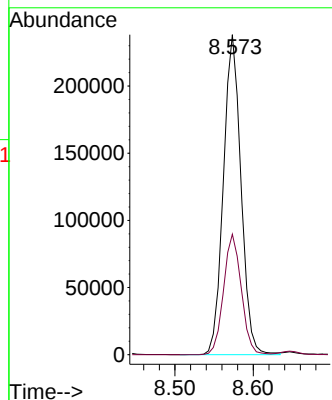
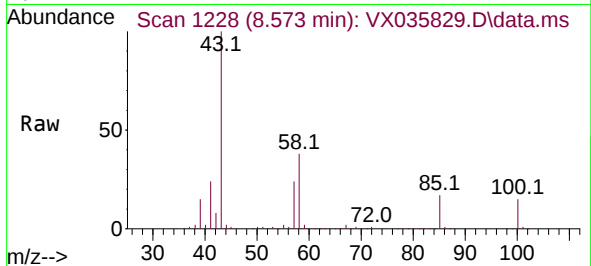
#51
4-Methyl-2-Pentanone
Concen: 99.914 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tgt Ion: 43 Resp: 37245
Ion Ratio Lower Upper
43 100
58 37.8 30.6 46.0

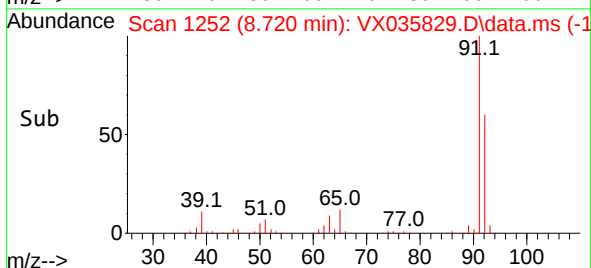
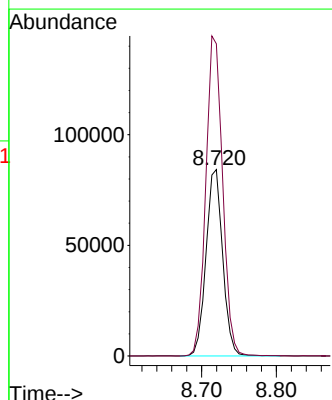
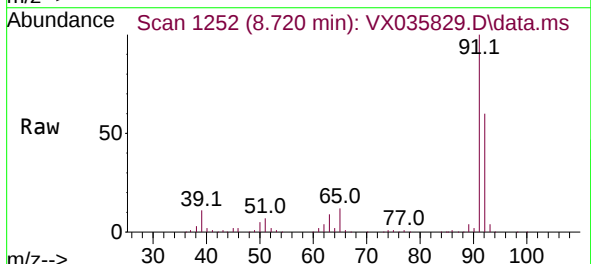
Manual Integrations
APPROVED

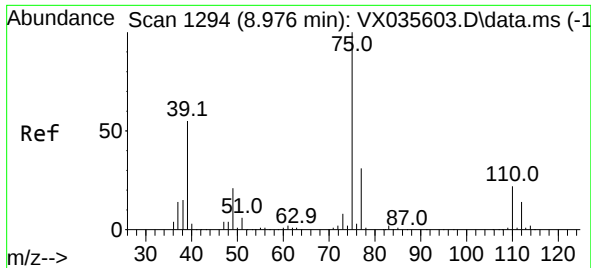
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 20.752 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

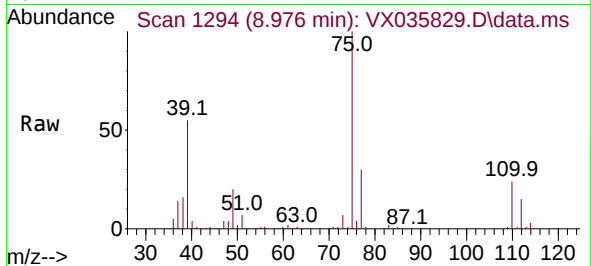
Tgt Ion: 92 Resp: 130369
Ion Ratio Lower Upper
92 100
91 172.5 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 19.119 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

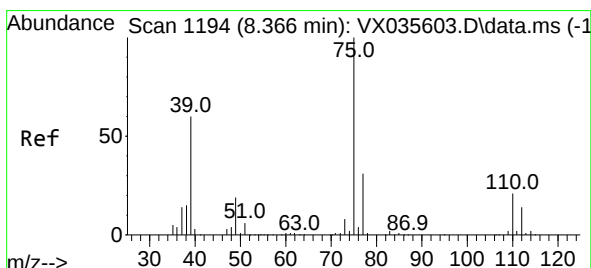
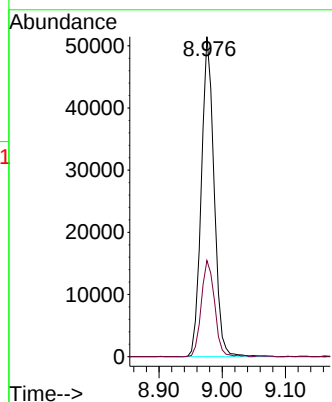
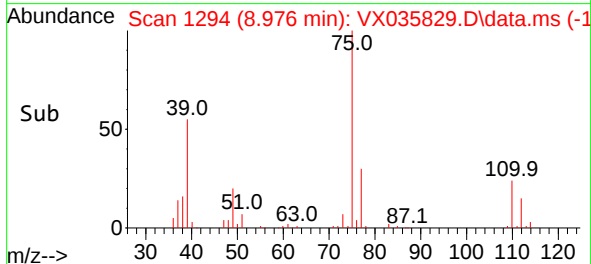
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



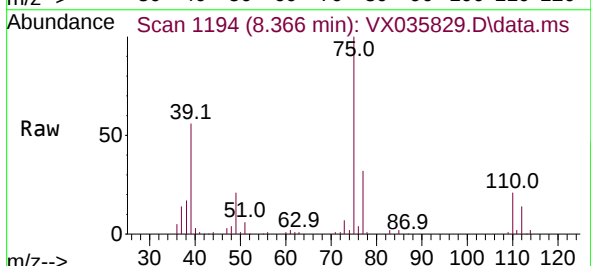
Tgt Ion: 75 Resp: 72438
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

Manual Integrations
APPROVED

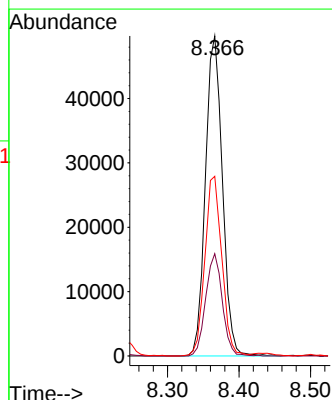
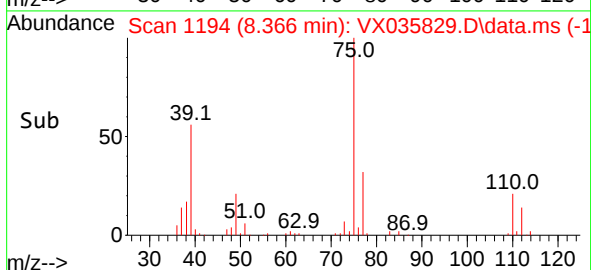
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
cis-1,3-Dichloropropene
Concen: 20.183 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



Tgt Ion: 75 Resp: 81931
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4
39 56.2 44.6 66.8





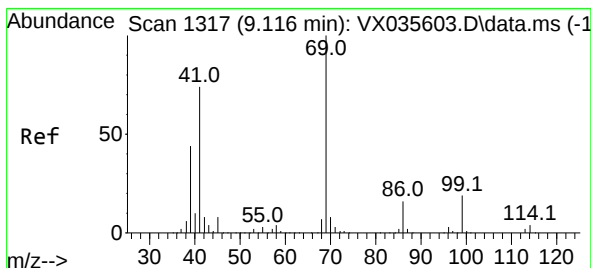
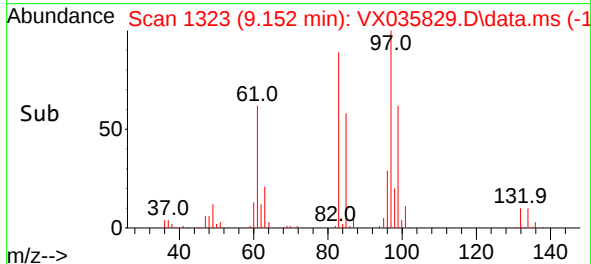
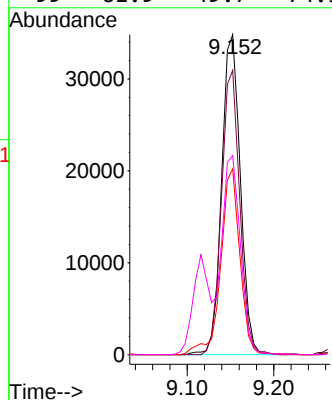
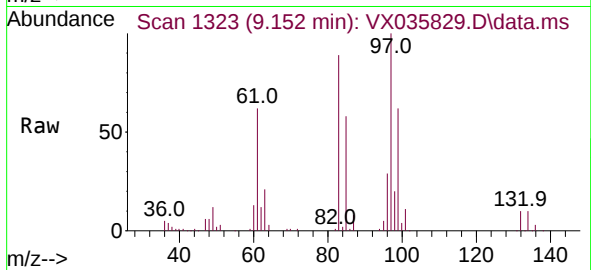
#55
1,1,2-Trichloroethane
Concen: 21.083 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tgt Ion: 97	Resp: 5202
Ion Ratio	Lower Upper
97 100	
83 88.9	69.7 104.5
85 58.1	43.7 65.5
99 61.9	49.7 74.5

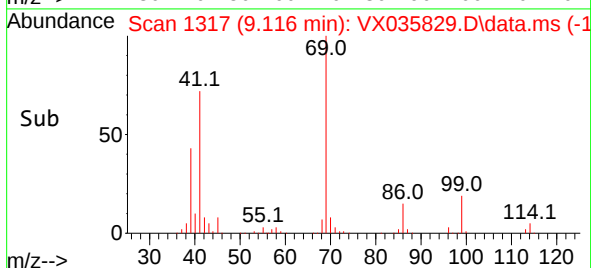
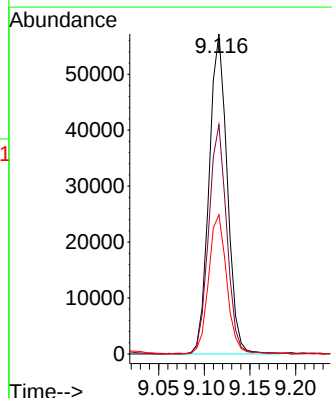
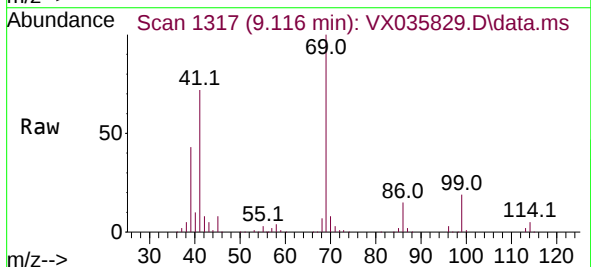
Manual Integrations
APPROVED

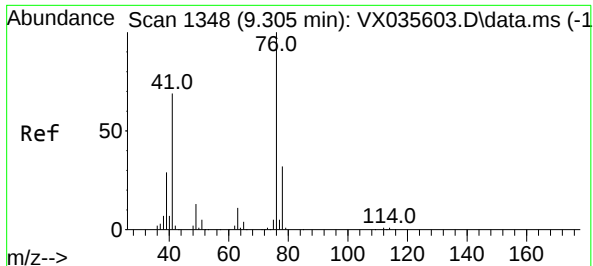
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Ethyl methacrylate
Concen: 19.719 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion: 69	Resp: 78795
Ion Ratio	Lower Upper
69 100	
41 71.6	57.4 86.0
39 44.1	33.7 50.5





#57

1,3-Dichloropropane

Concen: 20.597 ug/l

RT: 9.305 min Scan# 1140

Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

Tgt Ion: 76 Resp: 9213

Ion Ratio Lower Upper

76 100

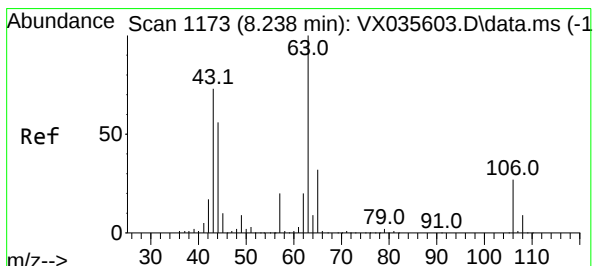
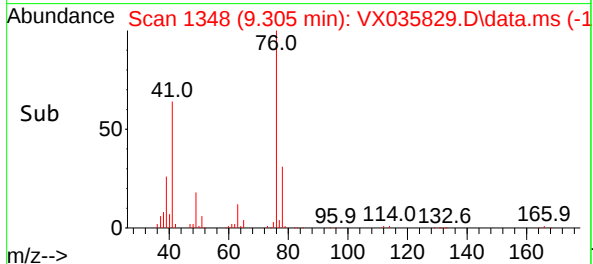
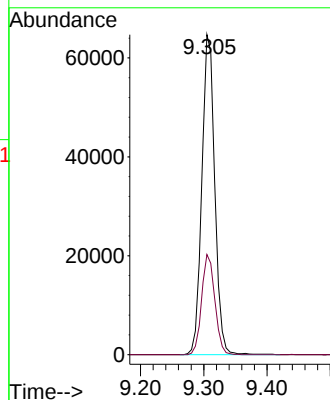
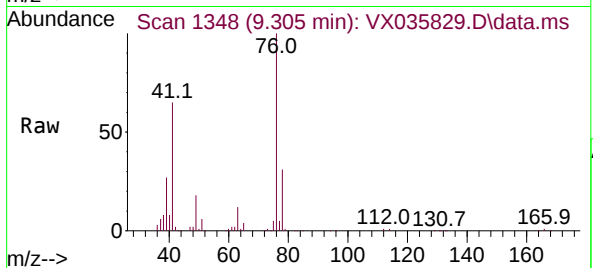
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.019 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035829.D

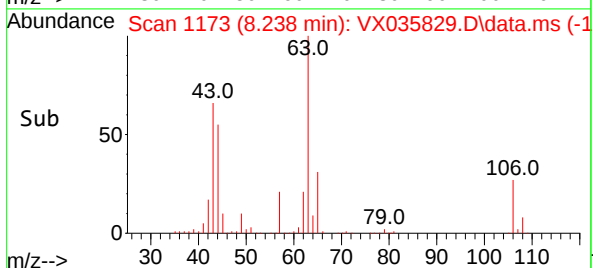
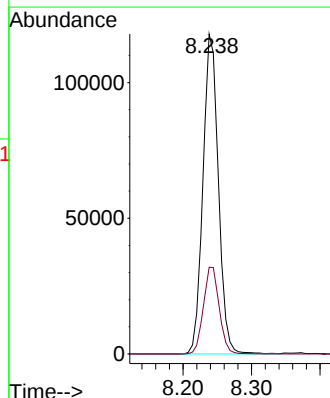
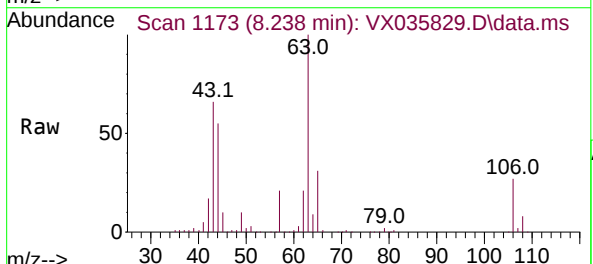
Acq: 24 May 2023 12:27

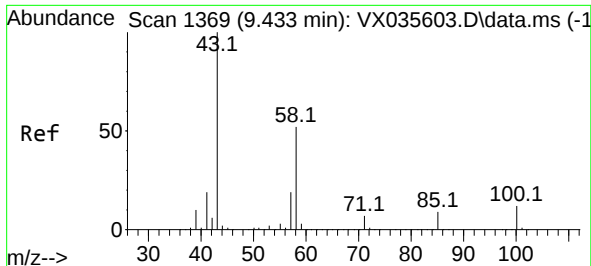
Tgt Ion: 63 Resp: 185020

Ion Ratio Lower Upper

63 100

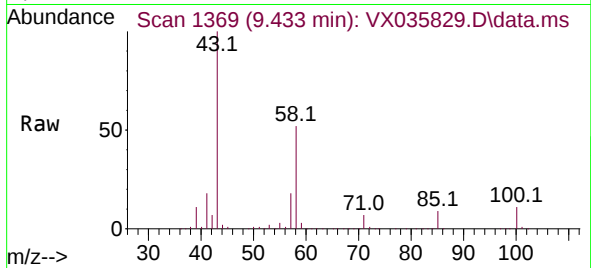
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 100.965 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

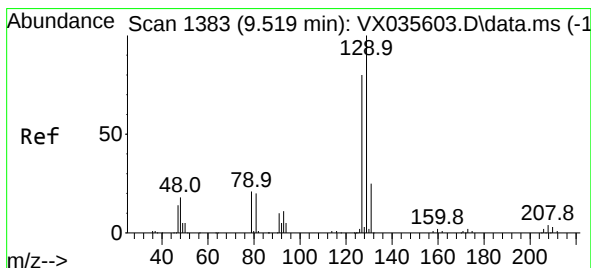
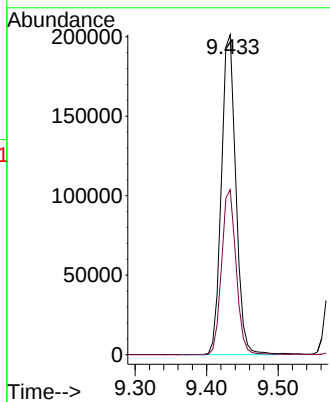
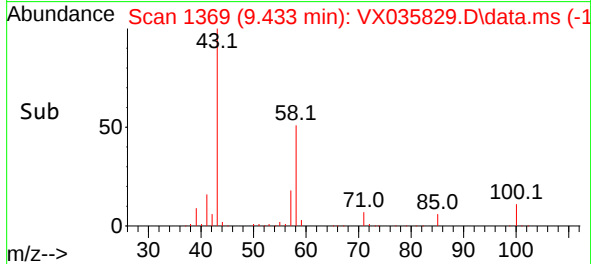
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 43 Resp: 28344
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9

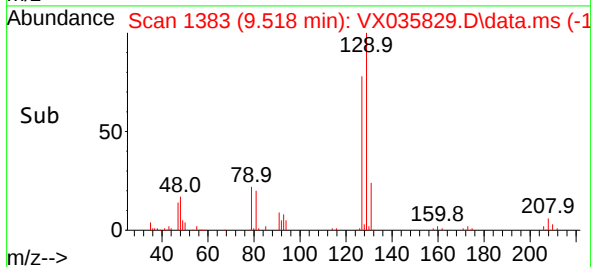
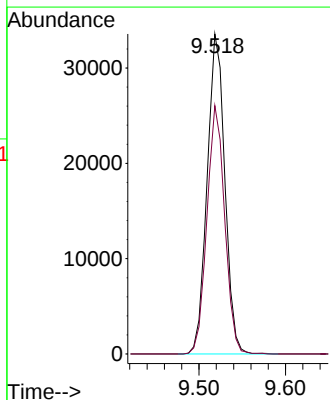
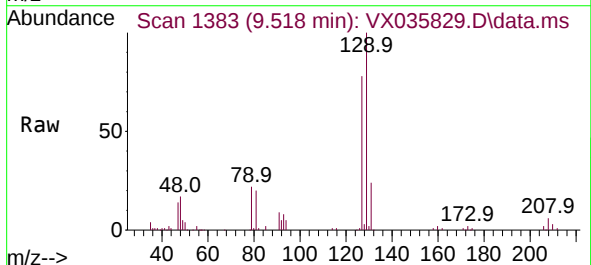
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 20.278 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

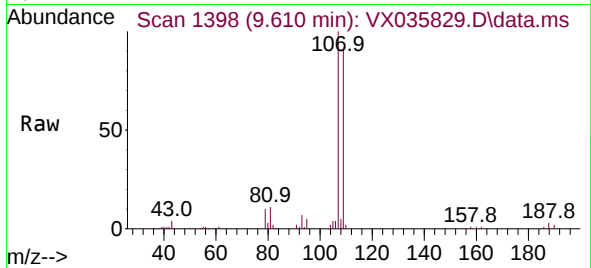
Tgt Ion:129 Resp: 47695
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.740 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

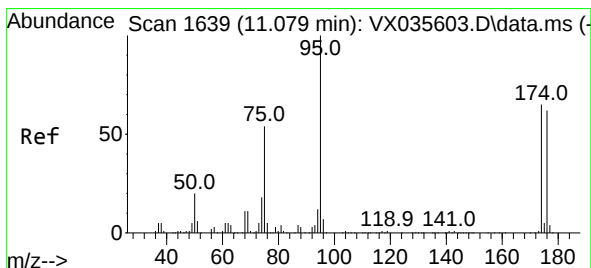
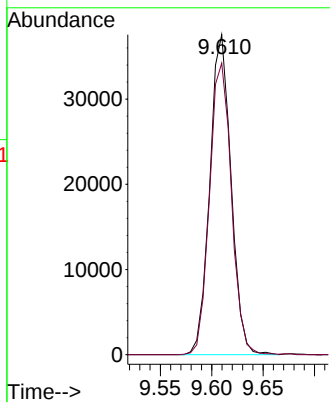
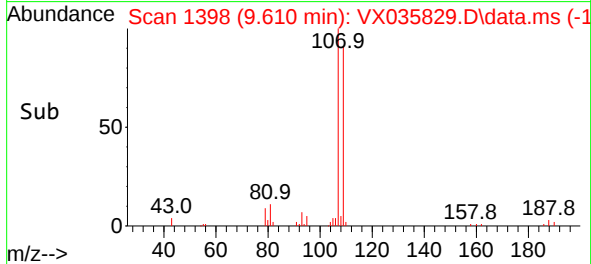
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



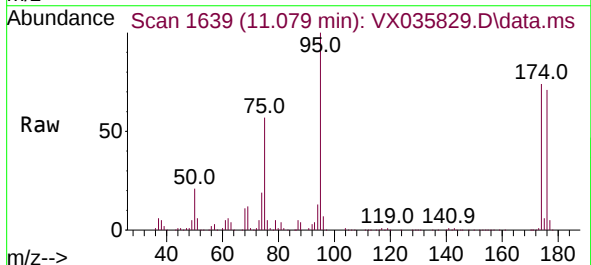
Tgt Ion:107 Resp: 53918
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

Manual Integrations
APPROVED

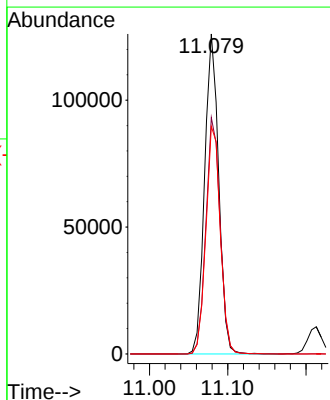
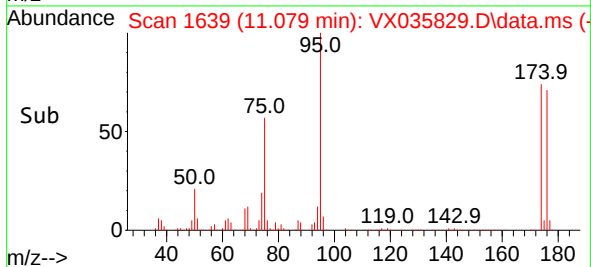
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

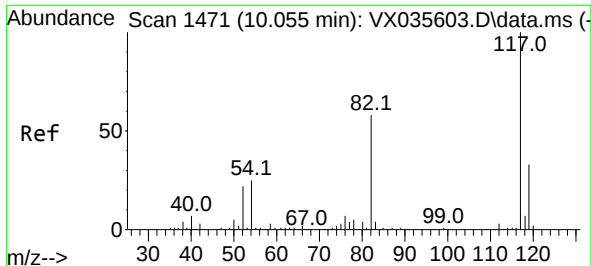


#62
4-Bromofluorobenzene
Concen: 46.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



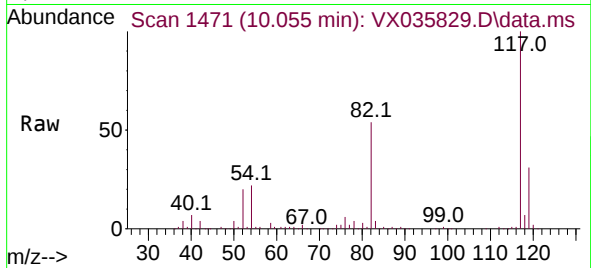
Tgt Ion: 95 Resp: 156656
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.4
176 72.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

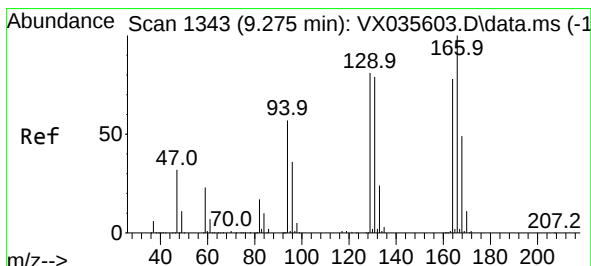
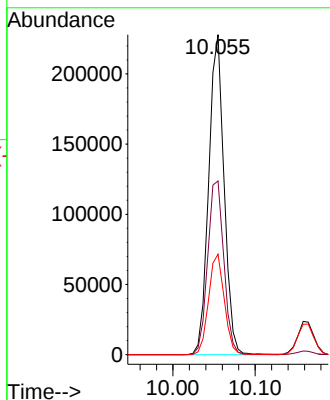
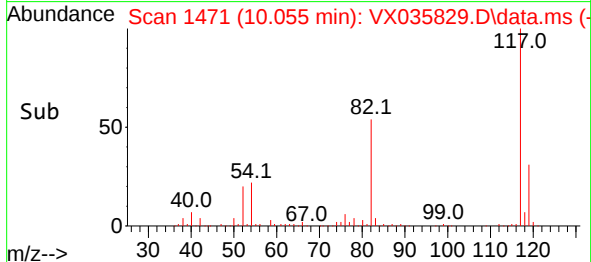
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion:117 Resp: 296111
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.4 26.0 39.0

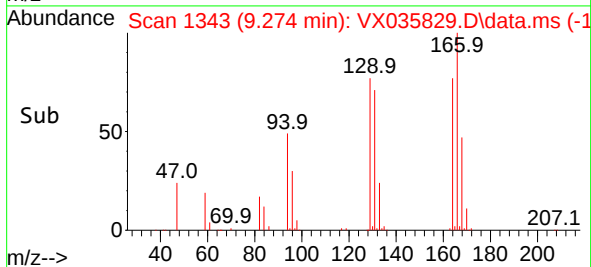
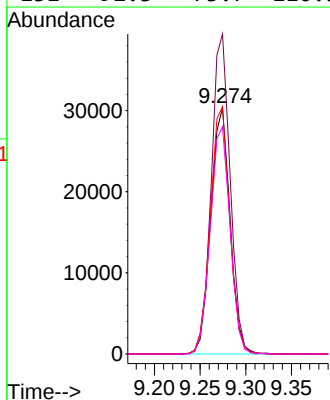
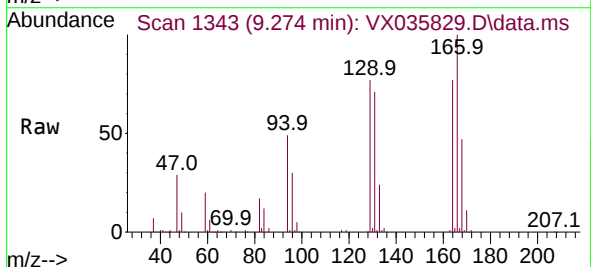
Manual Integrations
APPROVED

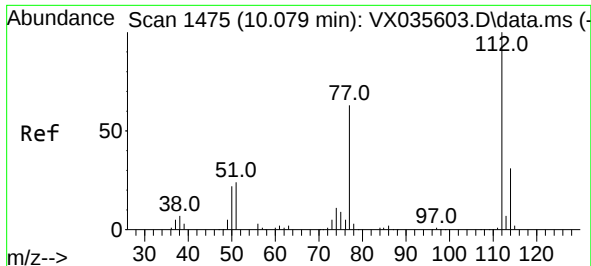
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 22.278 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

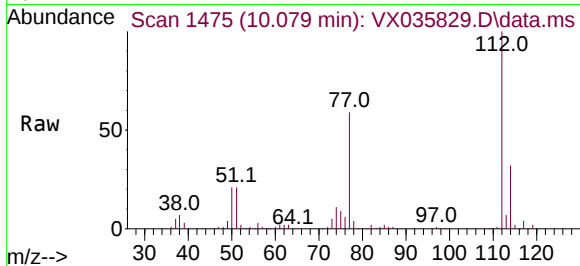
Tgt Ion:164 Resp: 44412
Ion Ratio Lower Upper
164 100
166 130.1 102.7 154.1
129 100.5 75.6 113.4
131 92.3 73.7 110.5





#65
Chlorobenzene
Concen: 21.557 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

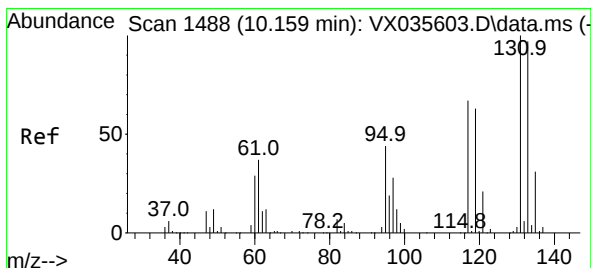
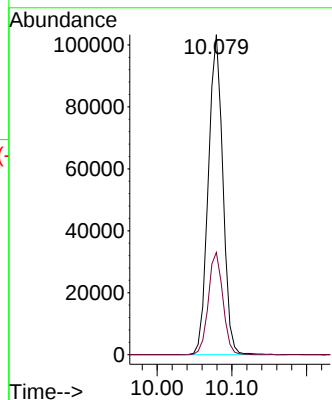
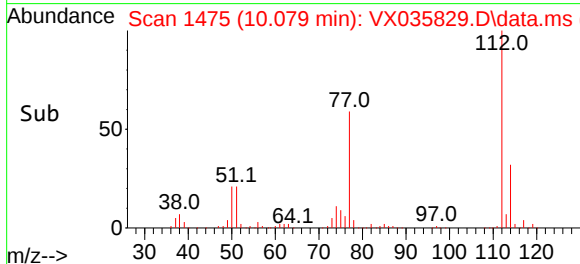
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



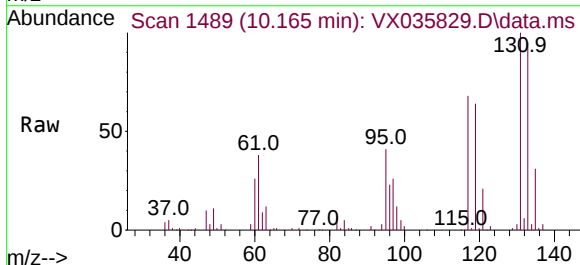
Tgt Ion:112 Resp: 13934
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

Manual Integrations
APPROVED

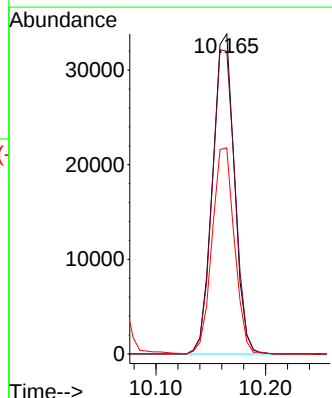
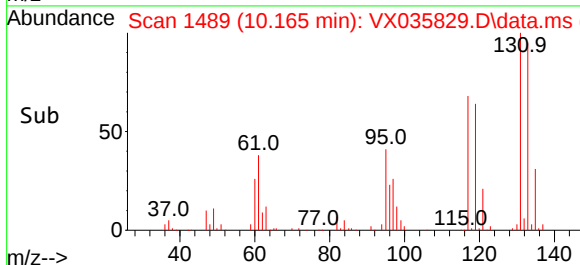
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

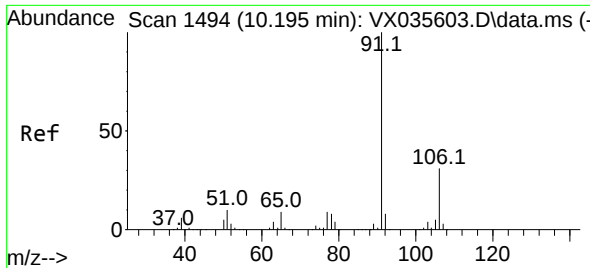


#66
1,1,1,2-Tetrachloroethane
Concen: 20.505 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



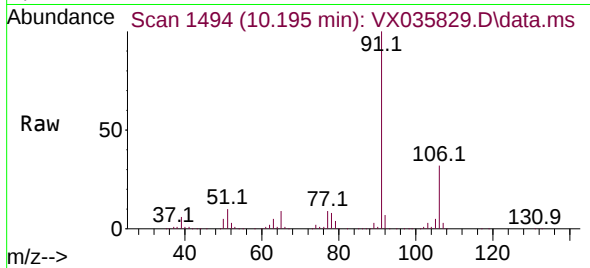
Tgt Ion:131 Resp: 46865
Ion Ratio Lower Upper
131 100
133 98.5 47.1 141.4
119 65.9 32.6 98.0





#67
Ethyl Benzene
Concen: 21.102 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

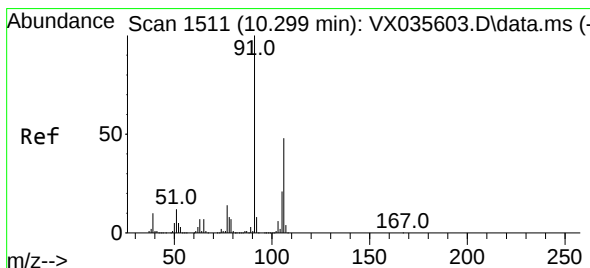
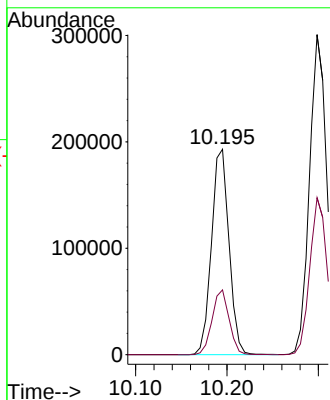
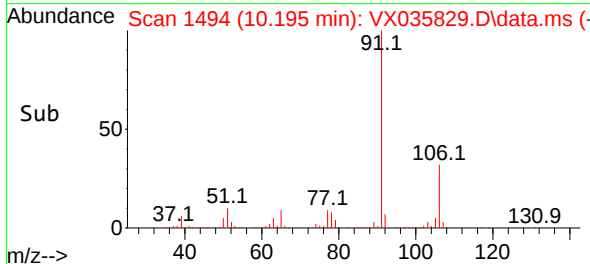
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



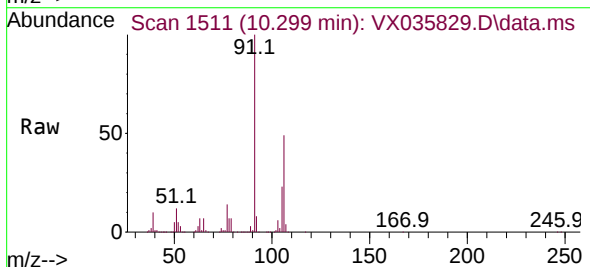
Tgt Ion: 91 Resp: 25653
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

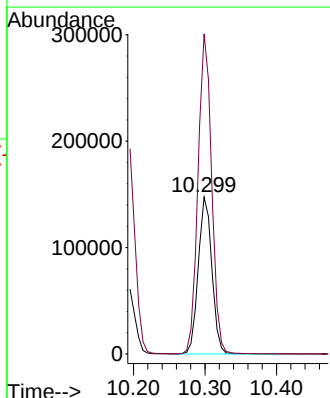
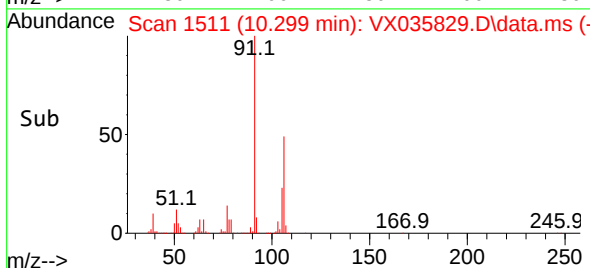
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

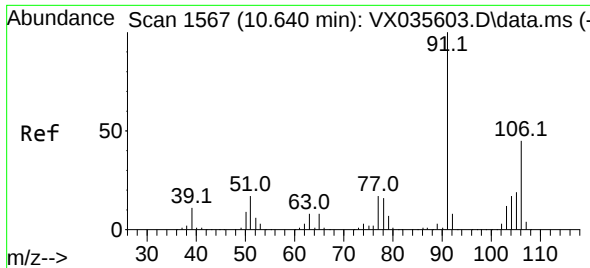


#68
m/p-Xylenes
Concen: 43.400 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



Tgt Ion:106 Resp: 195021
Ion Ratio Lower Upper
106 100
91 203.9 164.0 246.0





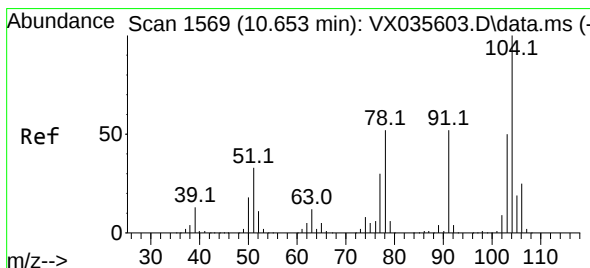
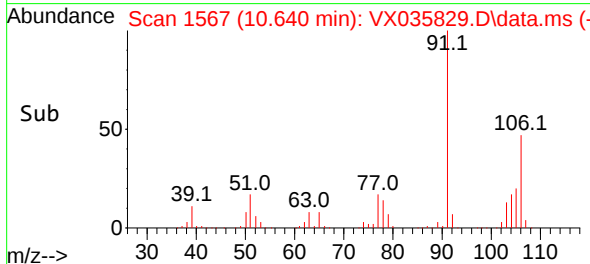
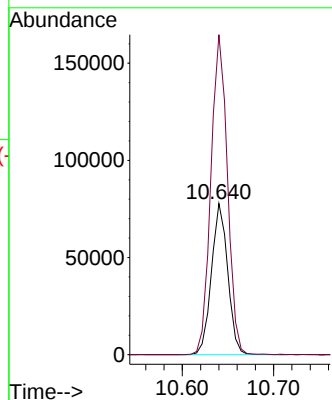
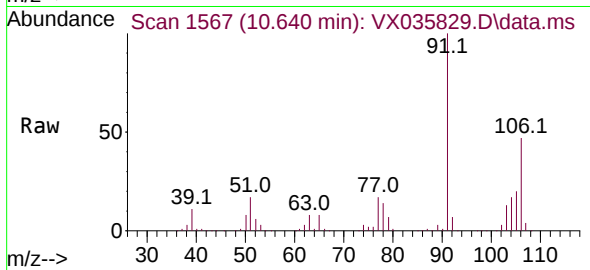
#69
o-Xylene
Concen: 21.520 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tgt Ion:106 Resp: 9595
Ion Ratio Lower Upper
106 100
91 215.3 108.5 325.3

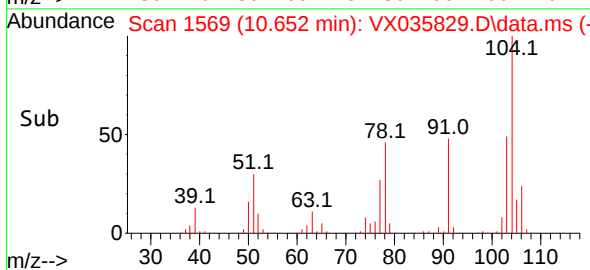
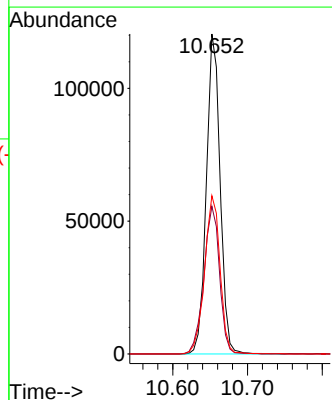
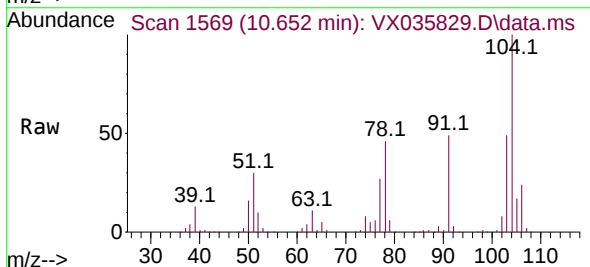
Manual Integrations
APPROVED

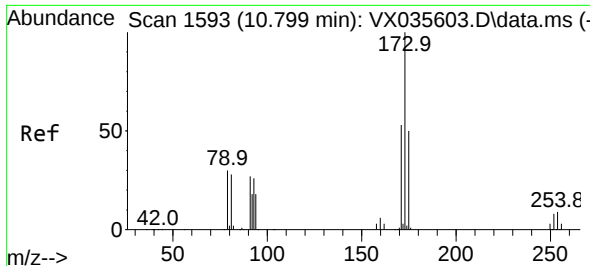
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 21.438 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

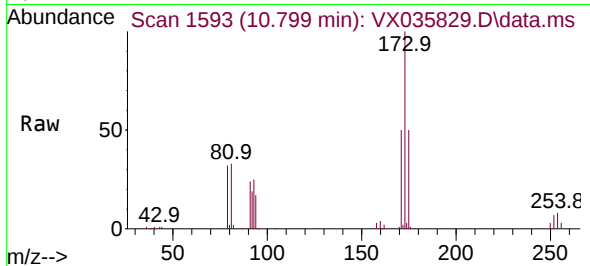
Tgt Ion:104 Resp: 154061
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 55.6 44.2 66.2





#71
Bromoform
Concen: 19.113 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

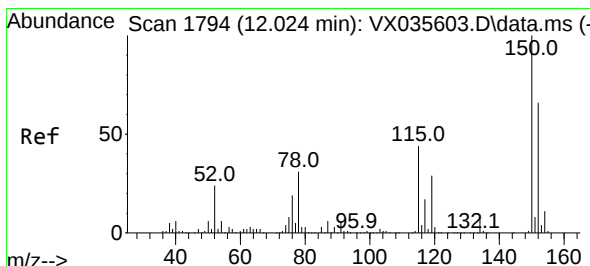
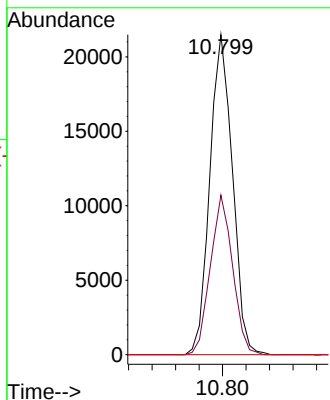
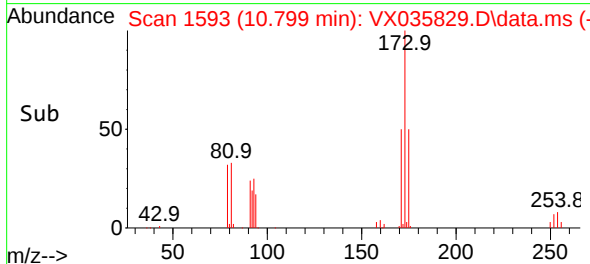
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



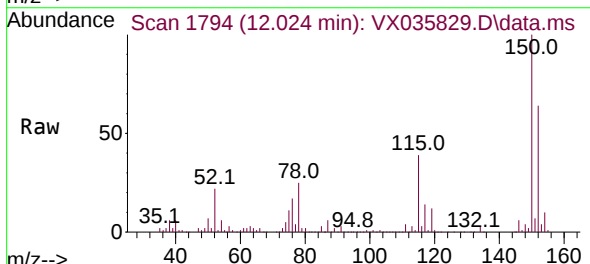
Tgt Ion:173 Resp: 2874
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

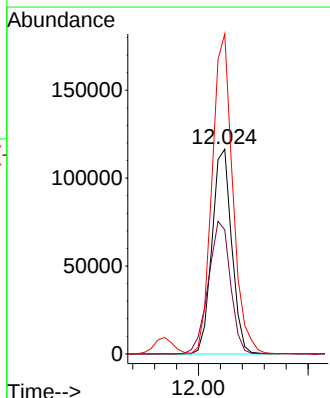
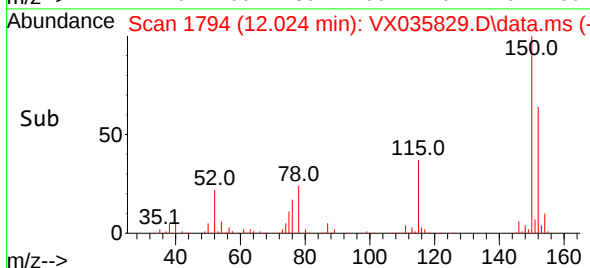
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

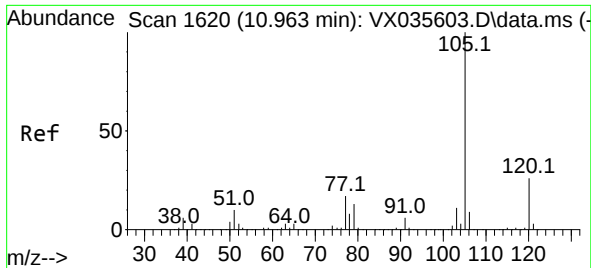


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



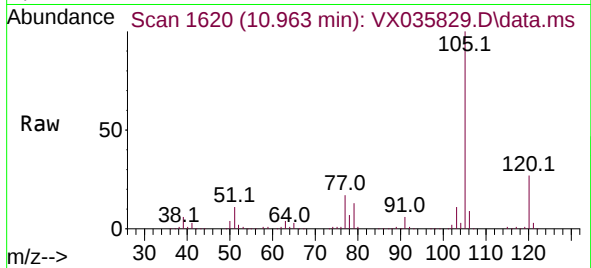
Tgt Ion:152 Resp: 145160
Ion Ratio Lower Upper
152 100
115 72.7 45.0 135.0
150 163.8 0.0 352.4





#73
Isopropylbenzene
Concen: 20.405 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

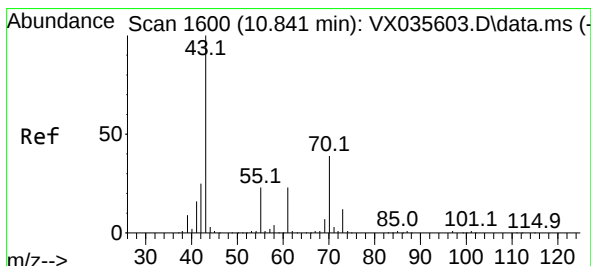
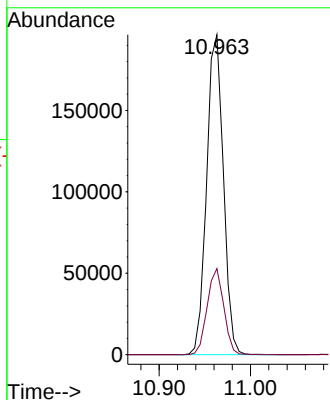
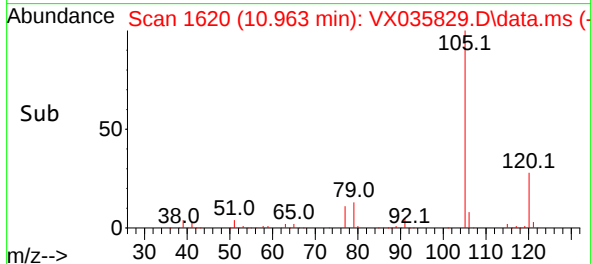
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



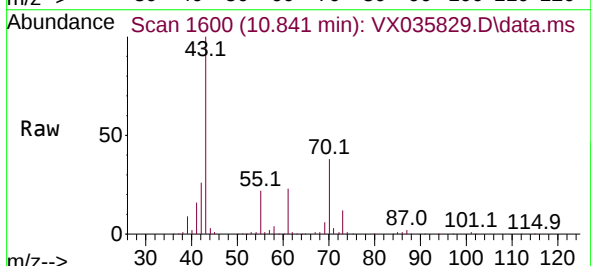
Tgt Ion:105 Resp: 249589
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
APPROVED

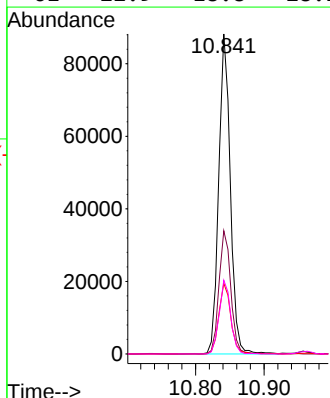
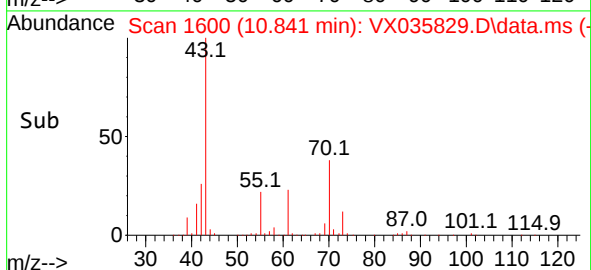
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

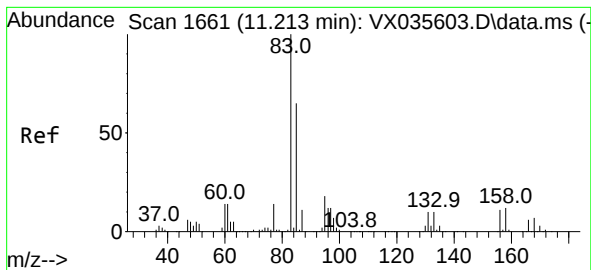


#74
N-ethyl acetate
Concen: 18.112 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



Tgt Ion: 43 Resp: 103295
Ion Ratio Lower Upper
43 100
70 39.4 32.1 48.1
55 22.9 18.3 27.5
61 22.9 18.8 28.2





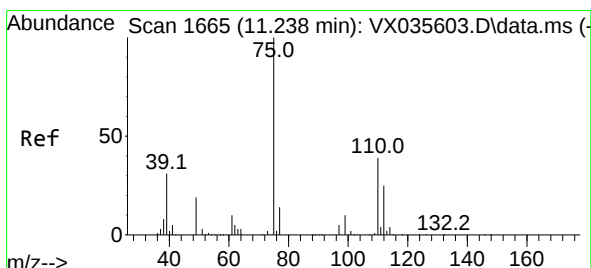
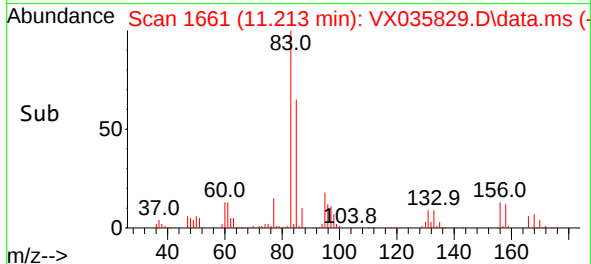
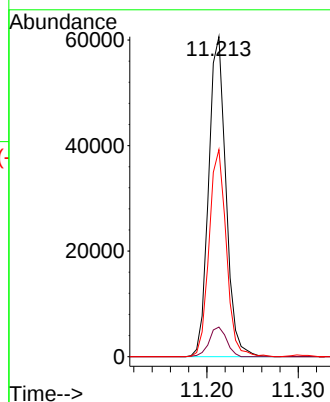
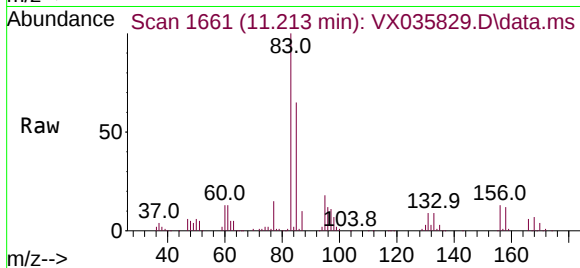
#75
1,1,2,2-Tetrachloroethane
Concen: 20.013 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tgt Ion: 83 Resp: 7941
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 64.6 32.0 96.0

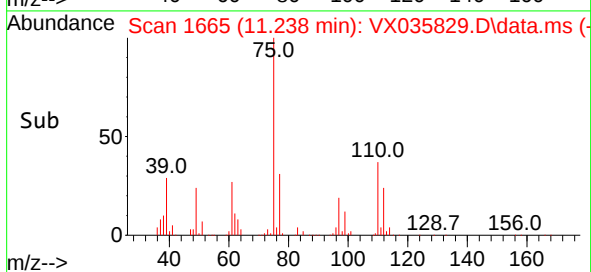
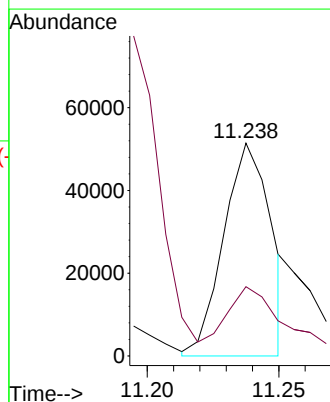
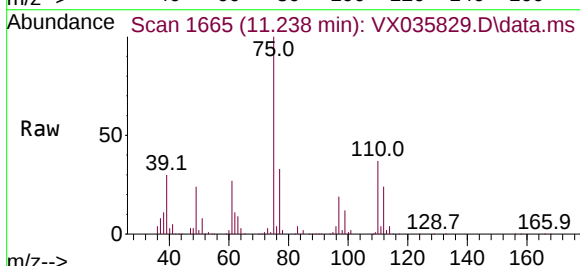
Manual Integrations
APPROVED

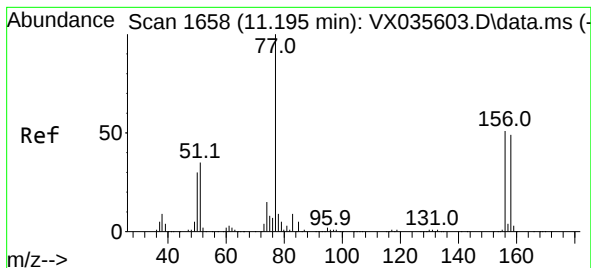
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,2,3-Trichloropropane
Concen: 18.125 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion: 75 Resp: 64356
Ion Ratio Lower Upper
75 100
77 41.0 21.6 64.8





#77

Bromobenzene

Concen: 20.935 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

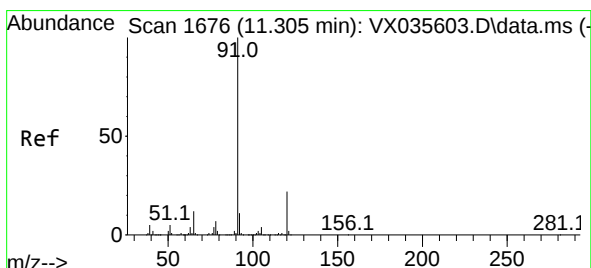
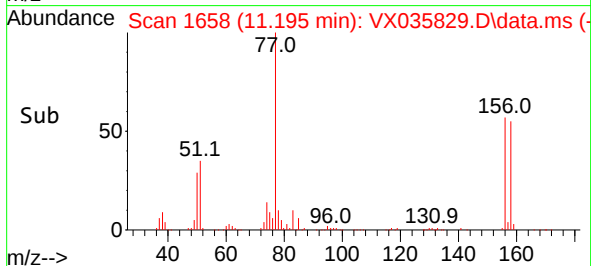
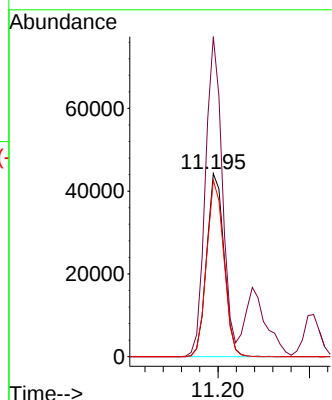
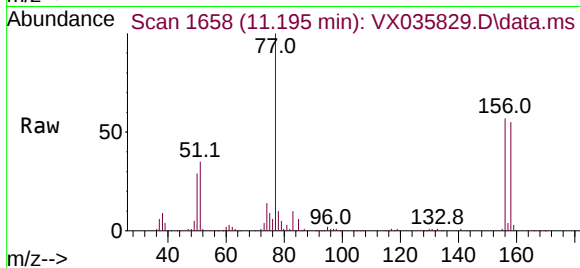
Tgt Ion:	156	Resp:	5812
Ion Ratio	Lower	Upper	
156	100		
77	170.1	86.7	259.9
158	95.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#78

n-propylbenzene

Concen: 20.954 ug/l

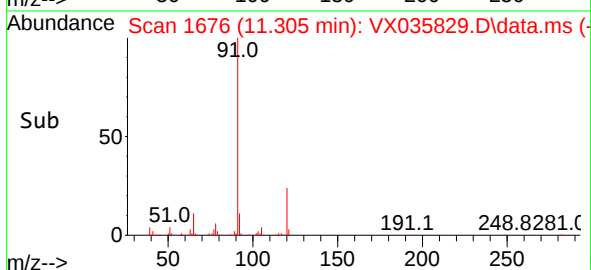
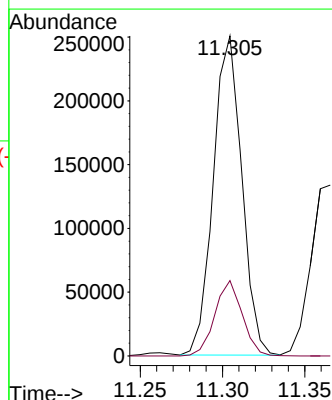
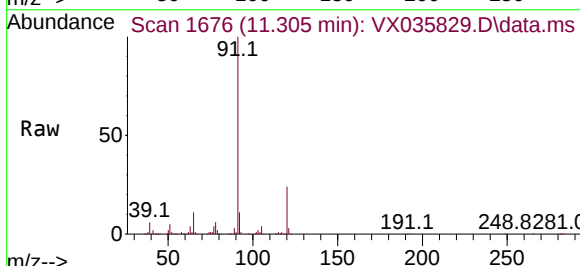
RT: 11.305 min Scan# 1676

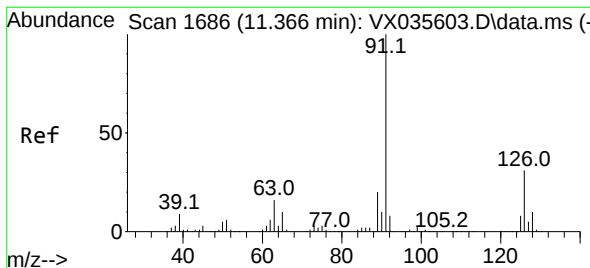
Delta R.T. -0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

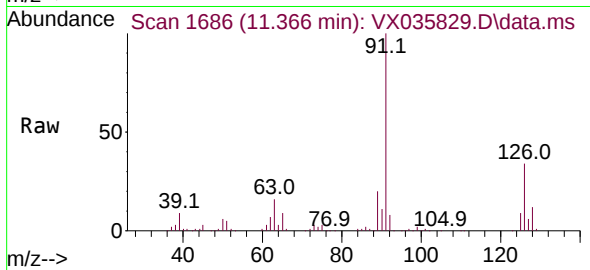
Tgt Ion:	91	Resp:	301290
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.5





#79
2-Chlorotoluene
Concen: 19.632 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

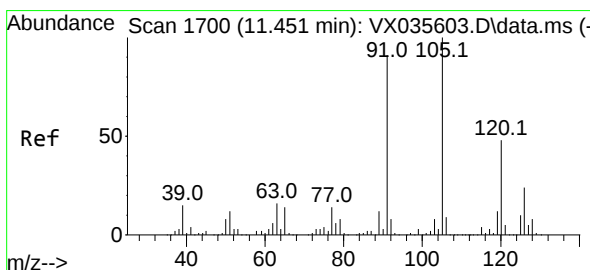
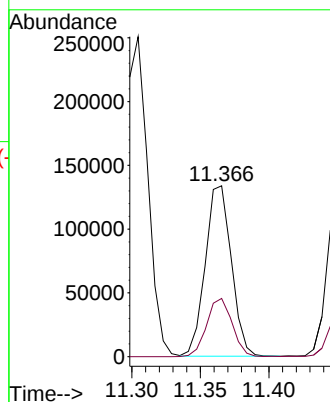
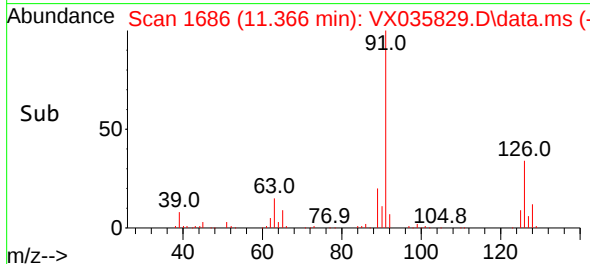
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



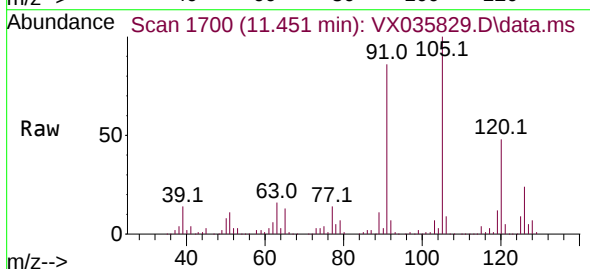
Tgt Ion: 91 Resp: 176734
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.9

Manual Integrations
APPROVED

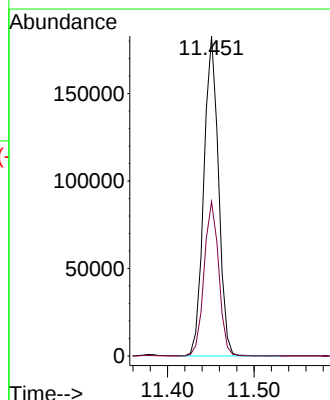
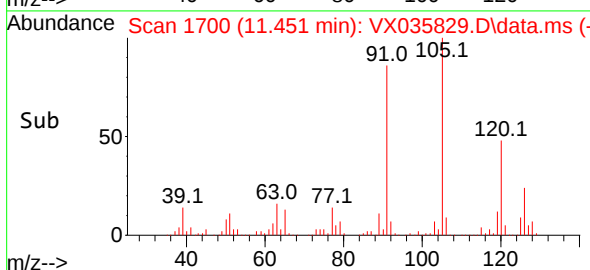
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

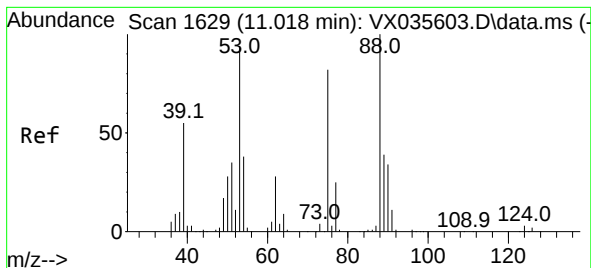


#80
1,3,5-Trimethylbenzene
Concen: 20.634 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



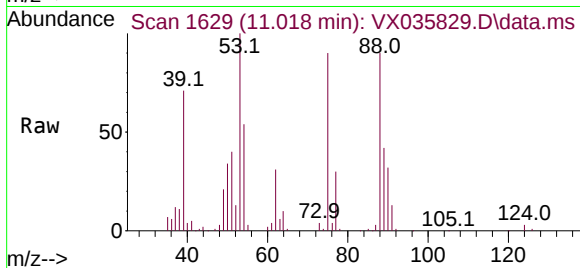
Tgt Ion:105 Resp: 214511
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.670 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

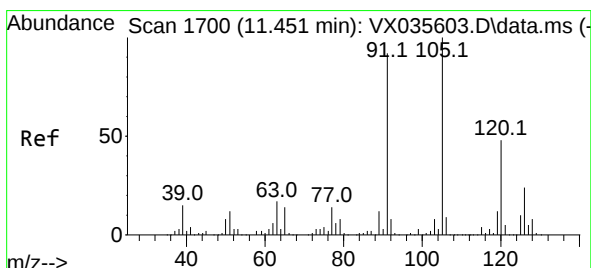
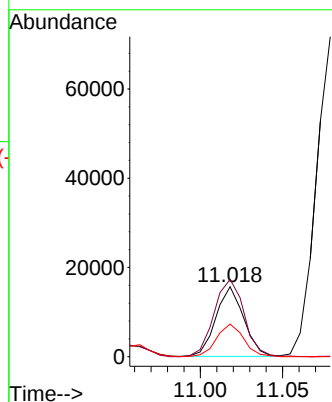
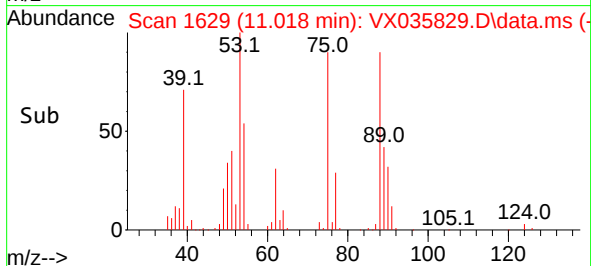
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 75 Resp: 1836
Ion Ratio Lower Upper
75 100
53 119.9 82.6 124.0
89 45.8 36.9 55.3

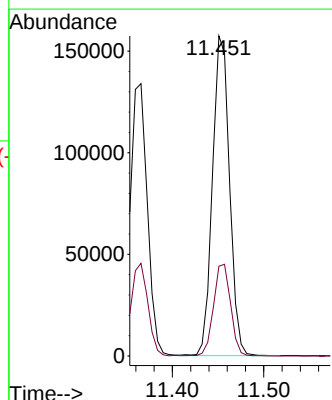
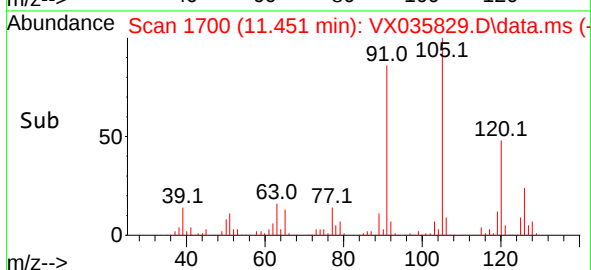
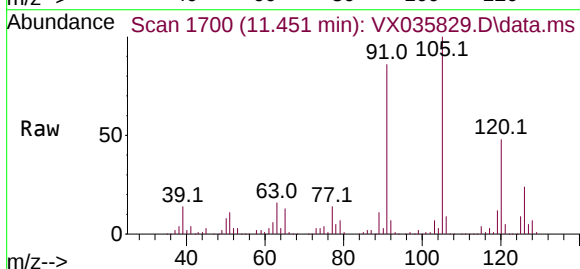
Manual Integrations
APPROVED

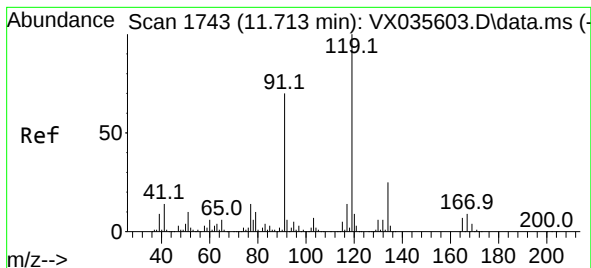
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 19.600 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

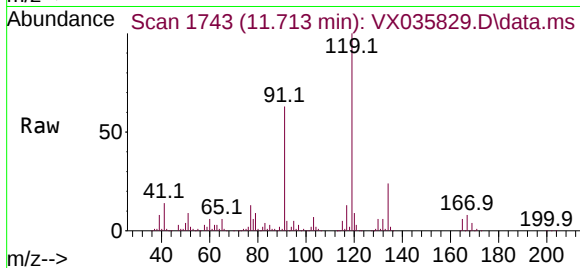
Tgt Ion: 91 Resp: 203207
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.353 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

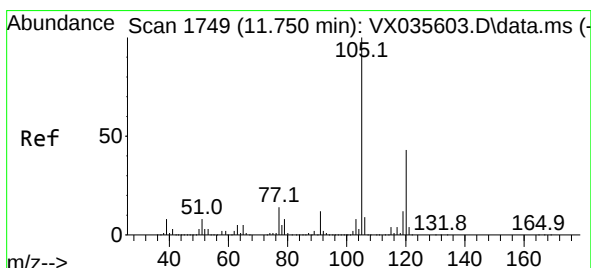
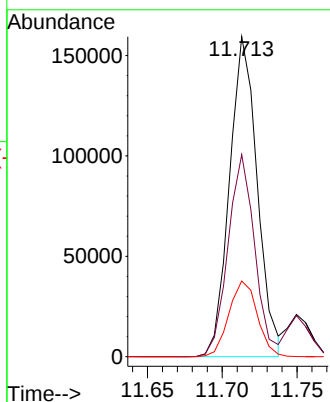
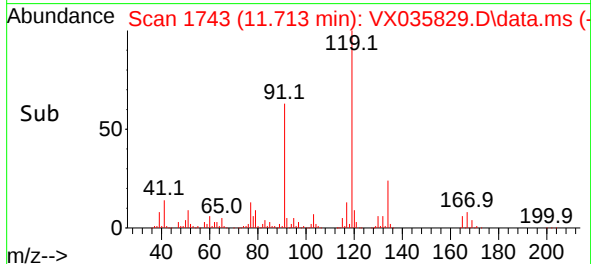
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion:119 Resp: 20567
Ion Ratio Lower Upper
119 100
91 60.9 30.6 92.0
134 24.2 11.8 35.4

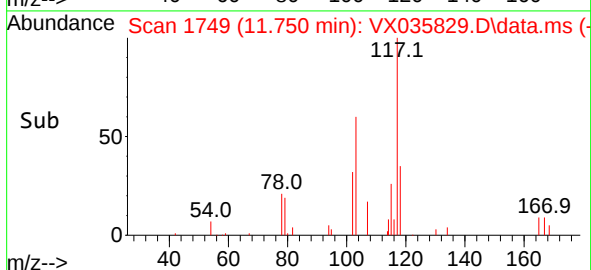
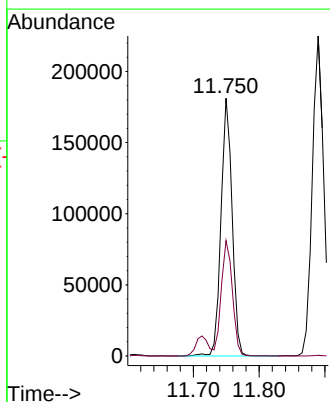
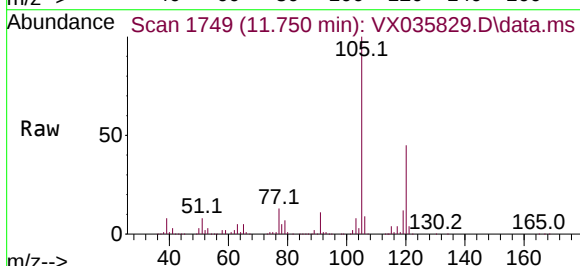
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.380 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

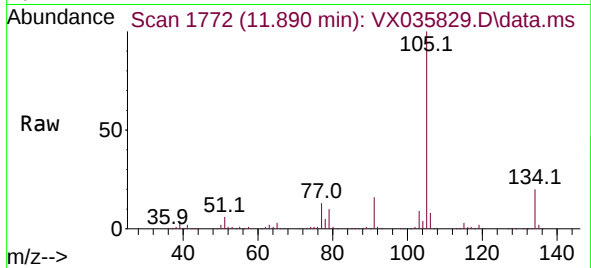
Tgt Ion:105 Resp: 212745
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 21.215 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035829.D
 Acq: 24 May 2023 12:27

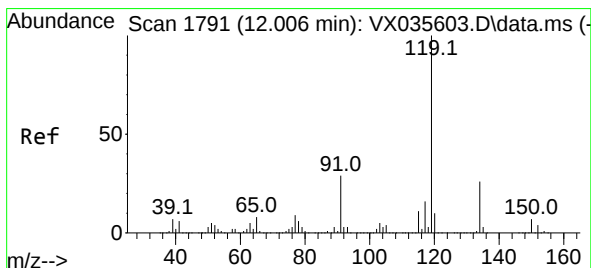
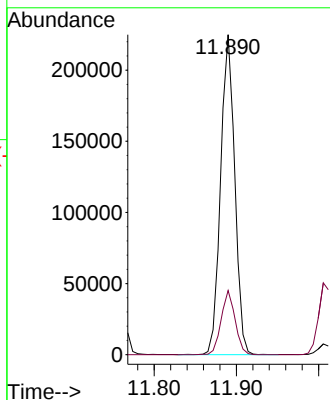
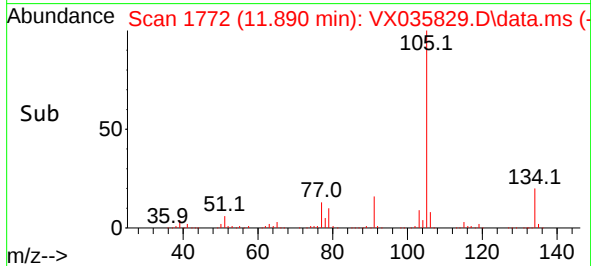
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01



Tgt Ion:105 Resp: 26918
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

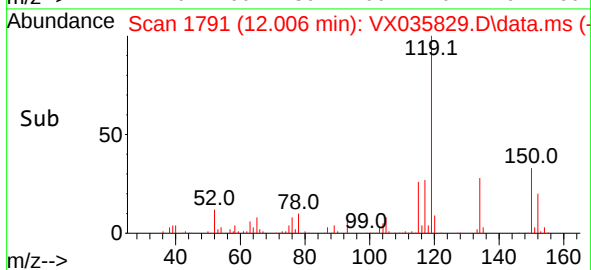
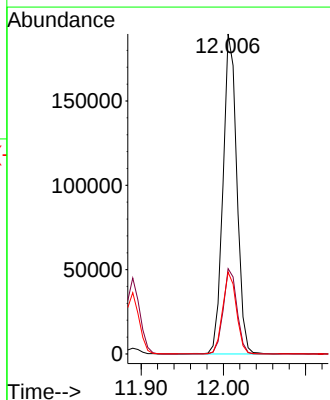
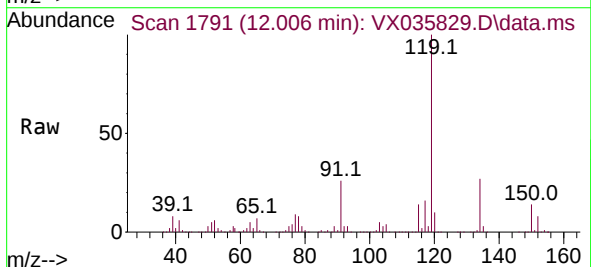
Manual Integrations
 APPROVED

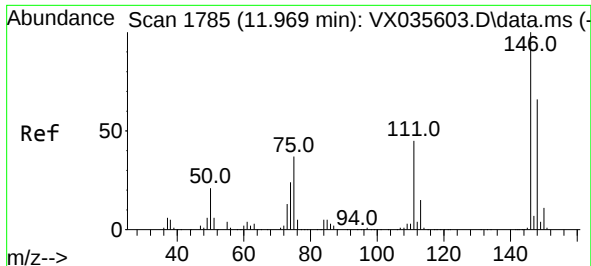
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 21.318 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035829.D
 Acq: 24 May 2023 12:27

Tgt Ion:119 Resp: 222373
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 25.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 21.439 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035829.D

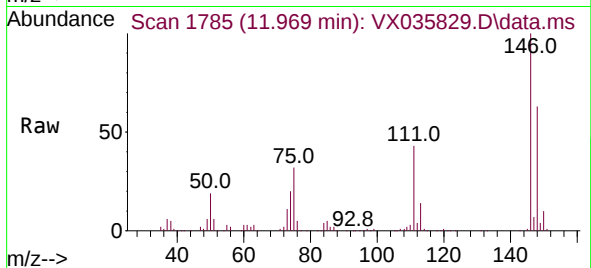
Acq: 24 May 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01



Tgt Ion:146 Resp: 113073

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

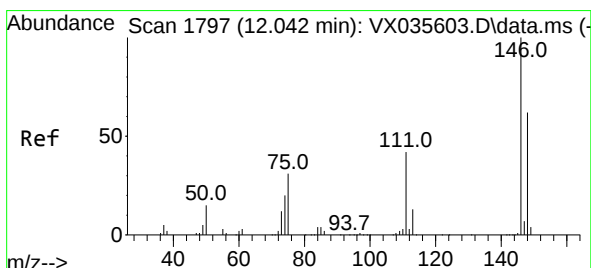
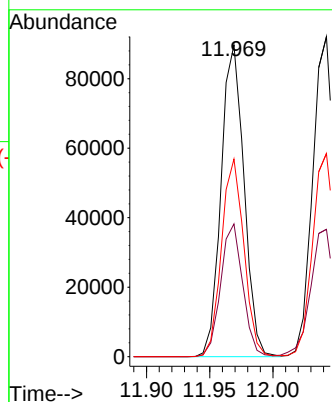
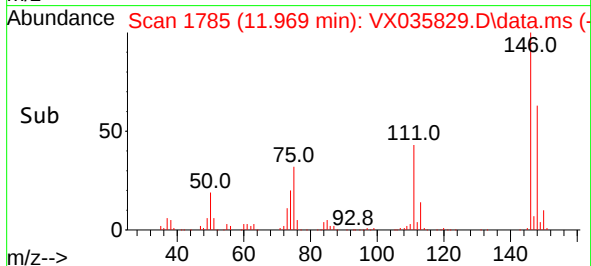
148 61.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 21.267 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035829.D

Acq: 24 May 2023 12:27

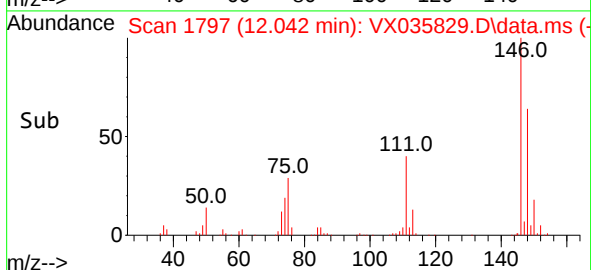
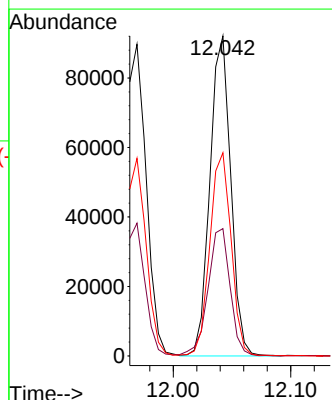
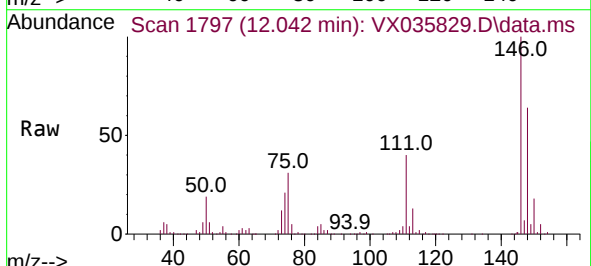
Tgt Ion:146 Resp: 113262

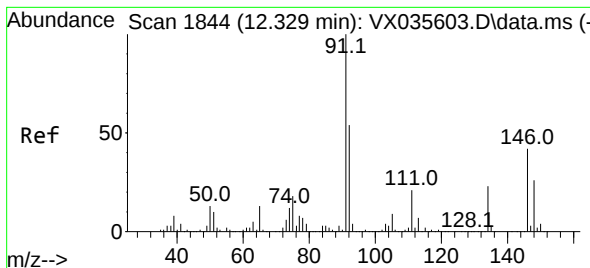
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

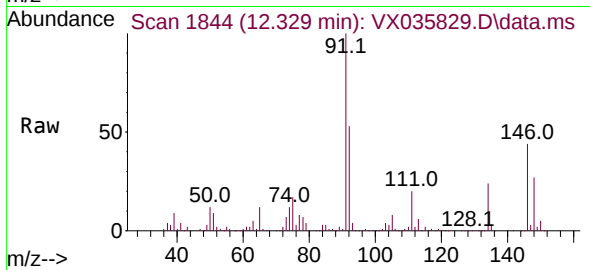
148 65.0 31.8 95.4





#89
n-Butylbenzene
Concen: 21.152 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

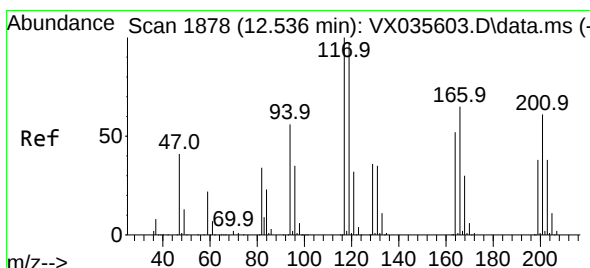
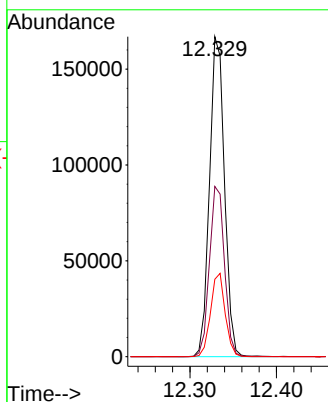
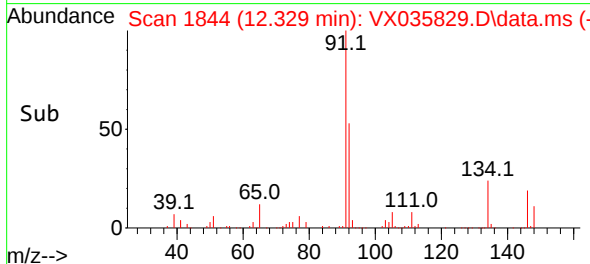
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion: 91 Resp: 20071
Ion Ratio Lower Upper
91 100
92 53.4 27.7 83.0
134 25.4 13.0 38.9

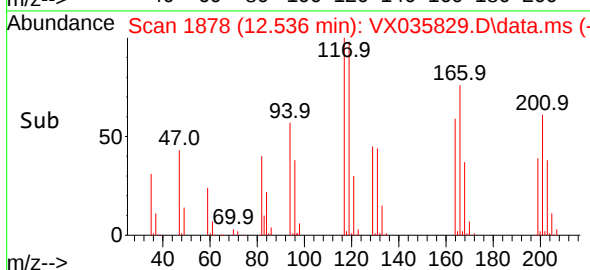
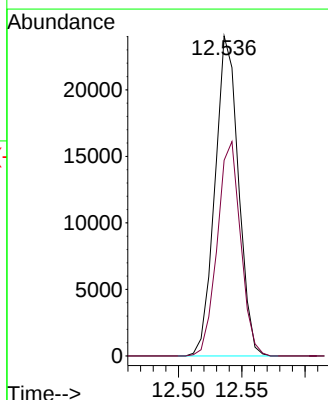
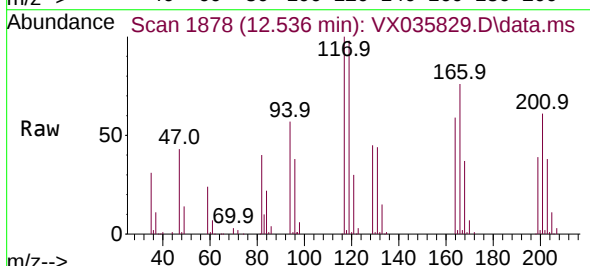
Manual Integrations
APPROVED

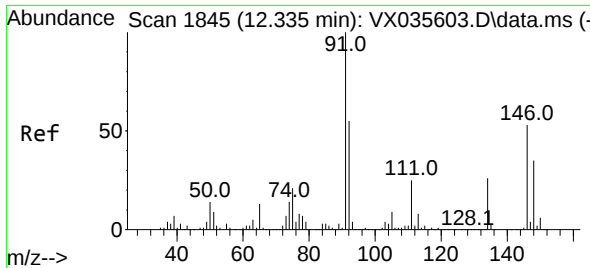
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 19.574 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

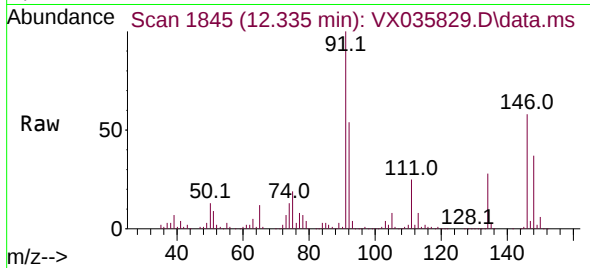
Tgt Ion:117 Resp: 30948
Ion Ratio Lower Upper
117 100
201 66.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 21.352 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

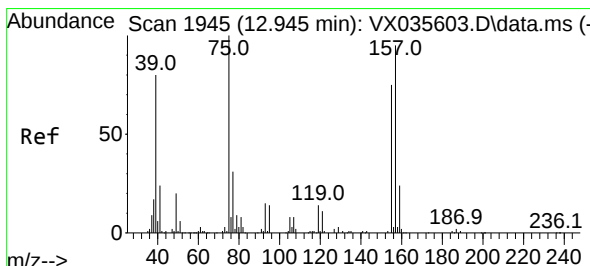
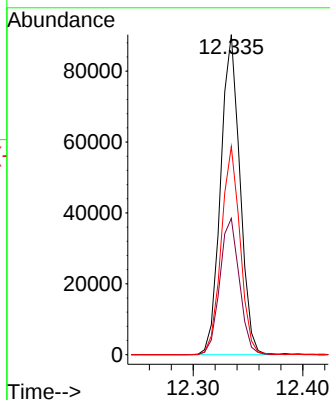
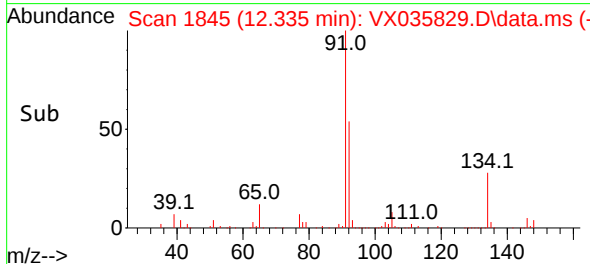
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



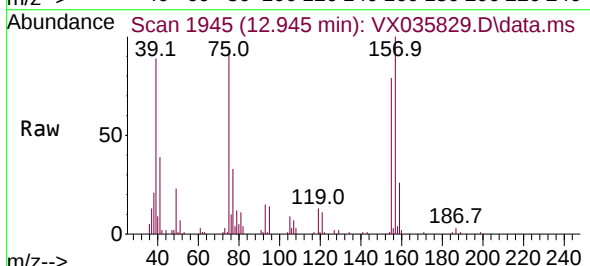
Tgt Ion:146 Resp: 11027
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

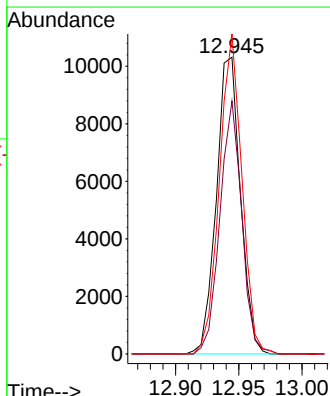
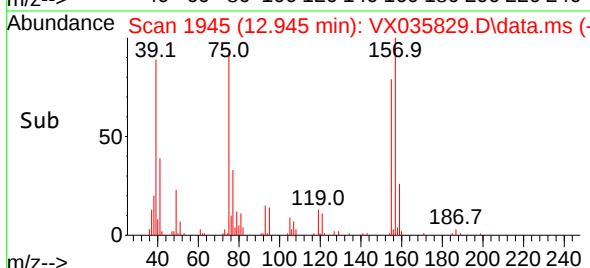
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

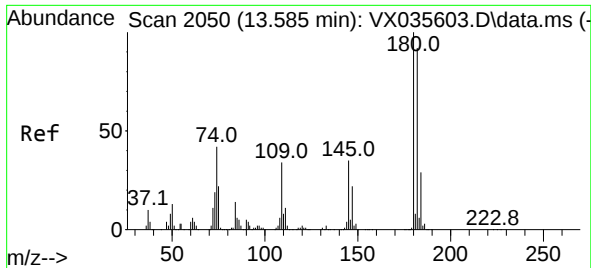


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.442 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



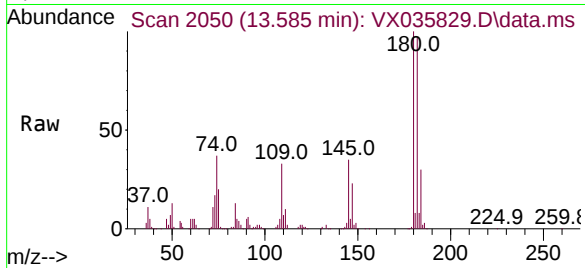
Tgt Ion: 75 Resp: 13644
Ion Ratio Lower Upper
75 100
155 77.2 38.4 115.1
157 100.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 22.087 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

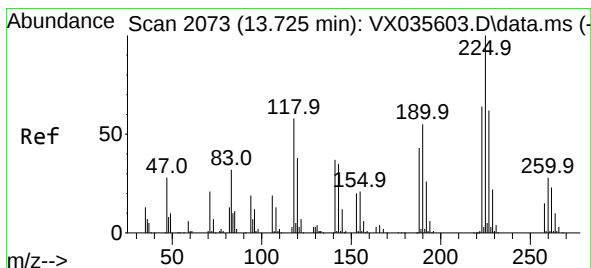
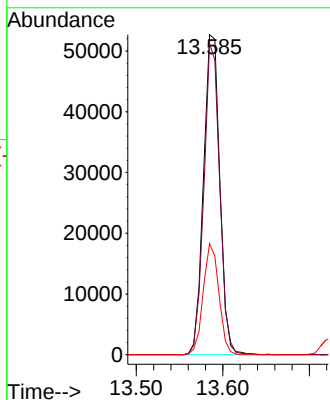
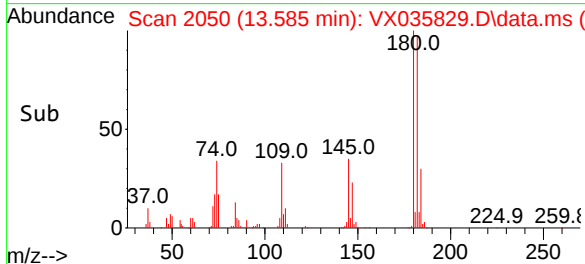
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



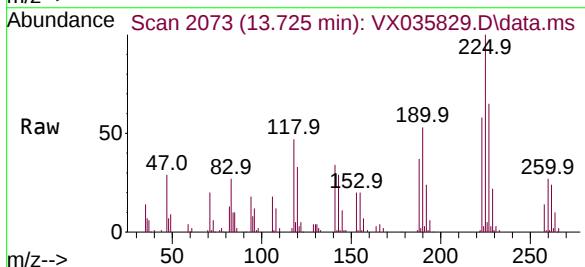
Tgt Ion:180 Resp: 68680
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 33.4 15.9 47.7

Manual Integrations
APPROVED

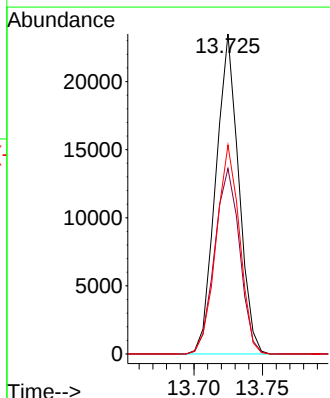
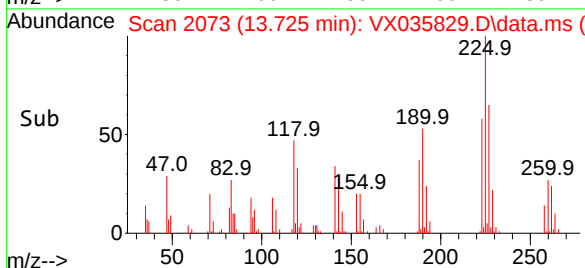
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

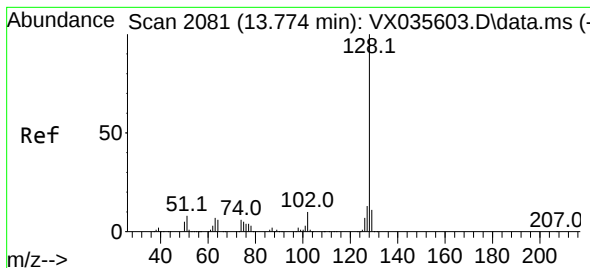


#94
Hexachlorobutadiene
Concen: 22.173 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27



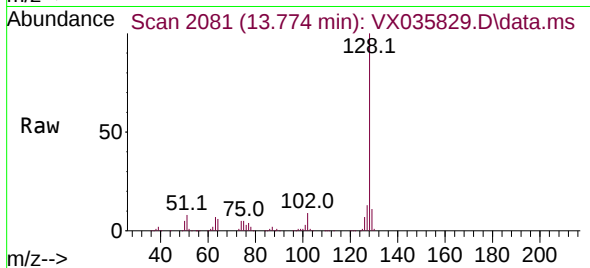
Tgt Ion:225 Resp: 27369
Ion Ratio Lower Upper
225 100
223 62.9 32.1 96.5
227 66.7 31.8 95.4





#95
Naphthalene
Concen: 20.684 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

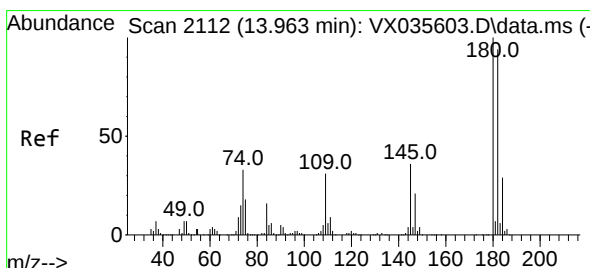
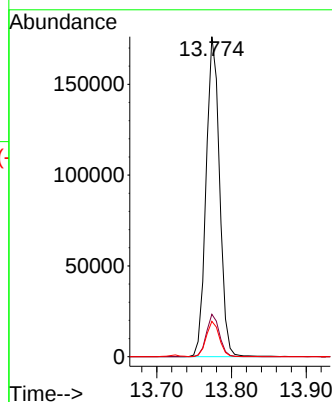
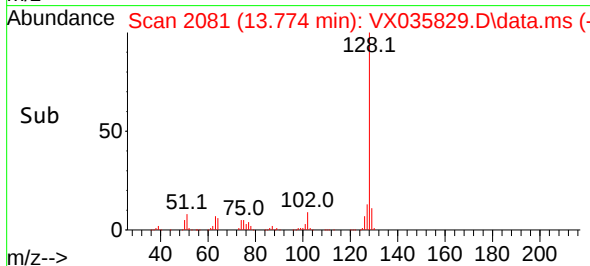
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01



Tgt Ion:128 Resp: 220279
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.094 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035829.D
Acq: 24 May 2023 12:27

Tgt Ion:180 Resp: 67572
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.2
145 33.9 17.7 53.1

