

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035323.D
 Acq On : 26 Apr 2023 19:03
 Operator : JC/MD
 Sample : 02419-11MS
 Misc : 4.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MS

Quant Time: Apr 27 04:43:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/27/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	535558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	469515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	243548	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	165012	47.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.560%		
7) Chloroethane-d5	1.672	69	112624m	45.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.260%		
11) 1,1-Dichloroethene-d2	2.288	65	83674	50.640	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.280%		
21) 2-Butanone-d5	4.489	46	226517	98.432	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.430%		
24) Chloroform-d	5.056	84	356159	54.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.540%		
26) 1,2-Dichloroethane-d4	5.952	65	227473	54.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.940%		
32) Benzene-d6	5.970	84	754349	55.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.860%		
36) 1,2-Dichloropropane-d6	7.305	67	229507	55.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.420%		
41) Toluene-d8	8.647	98	701191	56.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.760%		
43) trans-1,3-Dichloroprop...	8.951	79	102876	57.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	114.280%		
47) 2-Hexanone-d5	9.421	63	165012m	99.739	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.740%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	266212	52.762	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.520%		
66) 1,2-Dichlorobenzene-d4	12.323	152	264542	56.051	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	174300m	43.425	ug/L	
3) Chloromethane	1.294	50	140150	38.368	ug/L	97
5) Vinyl chloride	1.374	62	143312	37.807	ug/L	96
6) Bromomethane	1.617	94	83393	37.041	ug/L	100
8) Chloroethane	1.697	64	76812m	36.333	ug/L	
9) Trichlorofluoromethane	1.880	101	177665	34.611	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	162651	46.381	ug/L	98
12) 1,1-Dichloroethene	2.306	96	142318	44.480	ug/L	88
13) Acetone	2.410	43	126501	74.116	ug/L	97
14) Carbon disulfide	2.495	76	274954	34.781	ug/L	100
15) Methyl Acetate	2.715	43	160742	43.964	ug/L	98
16) Methylene chloride	2.782	84	161569	45.351	ug/L	96
17) trans-1,2-Dichloroethene	3.081	96	146499	44.465	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	533209	46.796	ug/L	99
19) 1,1-Dichloroethane	3.605	63	283095	44.573	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	174517	45.305	ug/L	99
22) 2-Butanone	4.586	43	201913	77.071	ug/L	99
23) Bromochloromethane	4.897	128	83080	43.546	ug/L	93
25) Chloroform	5.092	83	298207	46.310	ug/L	99

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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	232373	45.054	ug/L	99
29) Cyclohexane	5.464	56	269050	47.426	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	249120	45.240	ug/L	99
31) Carbon tetrachloride	5.672	117	203083	43.492	ug/L	99
33) Benzene	6.031	78	642706	45.202	ug/L	100
34) Trichloroethene	7.123	95	171597	45.368	ug/L	99
35) Methylcyclohexane	7.372	83	280166	55.002	ug/L	98
37) 1,2-Dichloropropane	7.427	63	169414	45.256	ug/L	99
38) Bromodichloromethane	7.824	83	190741	43.124	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	259060	46.282	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	413665m	83.826	ug/L	
42) Toluene	8.720	91	684695	46.414	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	238752	47.339	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	166158	46.775	ug/L	99
46) Tetrachloroethene	9.275	164	139787	49.615	ug/L	97
48) 2-Hexanone	9.464	43	317153m	84.648	ug/L	
49) Dibromochloromethane	9.525	129	150617	44.615	ug/L	98
50) 1,2-Dibromoethane	9.610	107	175816	47.566	ug/L	100
51) Chlorobenzene	10.079	112	454423	46.757	ug/L	99
52) Ethylbenzene	10.195	91	781609	47.930	ug/L	99
53) m,p-Xylene	10.299	106	305227	48.879	ug/L	98
54) o-Xylene	10.640	106	291936	47.551	ug/L	97
55) Styrene	10.658	104	497926	47.869	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.219	83	234382	44.770	ug/L	98
59) Bromoform	10.805	173	97066	38.717	ug/L	98
60) Isopropylbenzene	10.963	105	786701	47.505	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	179799	39.986	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	671375	49.573	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	655778	48.697	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	357037	47.271	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	359715	46.543	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	346017	45.182	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41724	37.605	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	259300	55.533	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	242623	55.493	ug/L	99
71) Naphthalene	13.774	128	756711	48.588	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	235641	54.594	ug/L	99

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

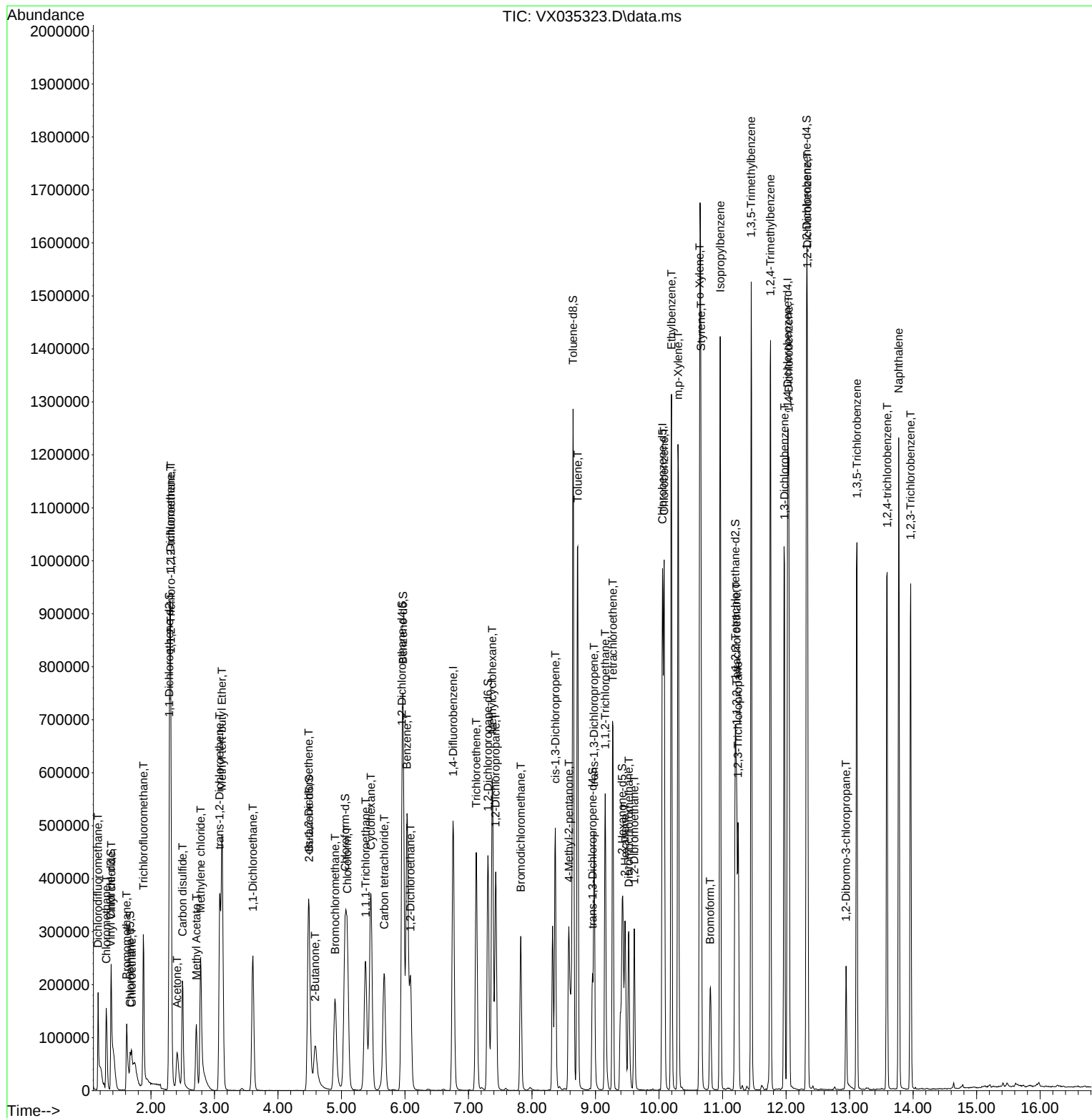
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
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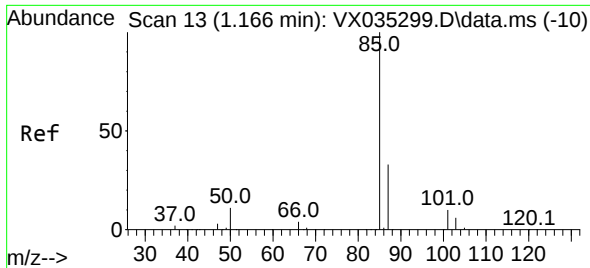
Instrument :
MSVOA_X
ClientSampleId :
EW925MS

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
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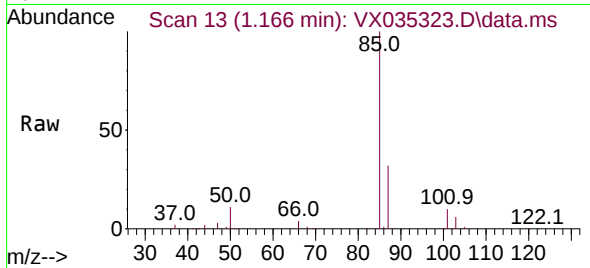
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023





#2
 Dichlorodifluoromethane
 Concen: 43.425 ug/L m
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035323.D
 Acq: 26 Apr 2023 19:03

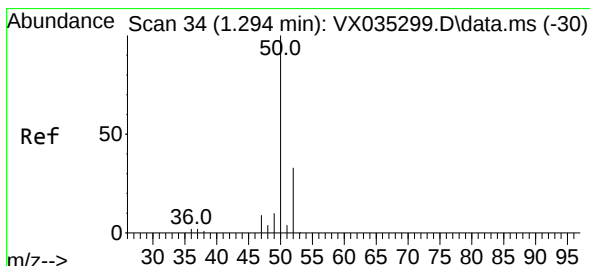
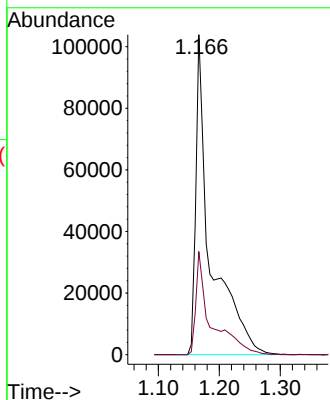
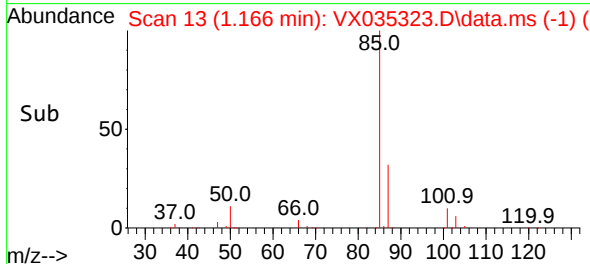
Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MS



Tgt Ion: 85 Resp: 174300
 Ion Ratio Lower Upper
 85 100
 87 24.2 26.2 39.4

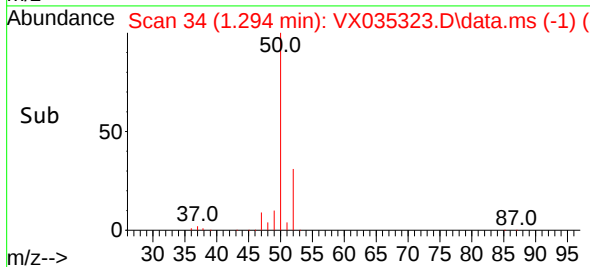
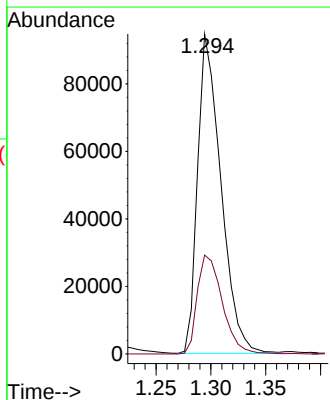
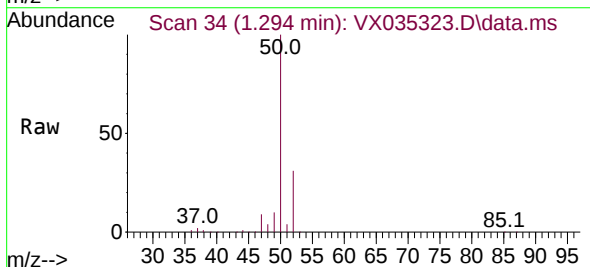
Manual Integrations
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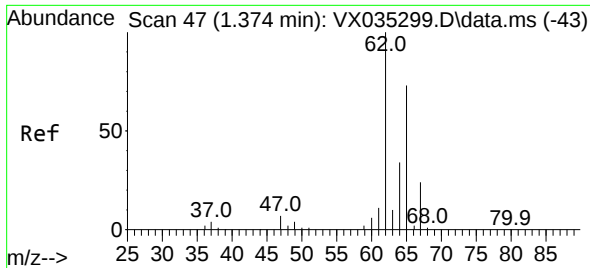
Reviewed By :John Carlone 04/27/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#3
 Chloromethane
 Concen: 38.368 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX035323.D
 Acq: 26 Apr 2023 19:03

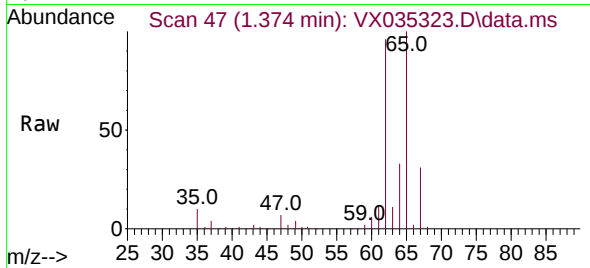
Tgt Ion: 50 Resp: 140150
 Ion Ratio Lower Upper
 50 100
 52 30.9 23.0 42.6





#5
 Vinyl chloride
 Concen: 37.807 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035323.D
 Acq: 26 Apr 2023 19:03

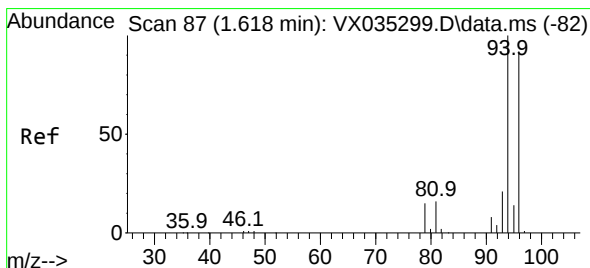
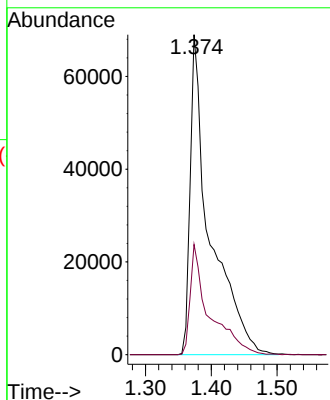
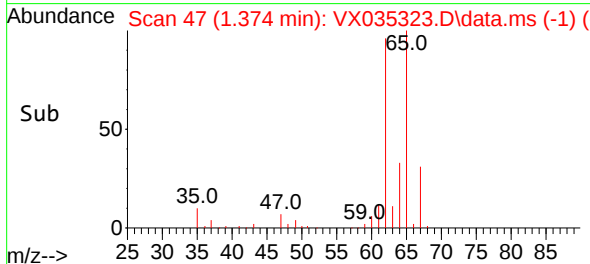
Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MS



Tgt Ion: 62 Resp: 143312
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.5 41.7

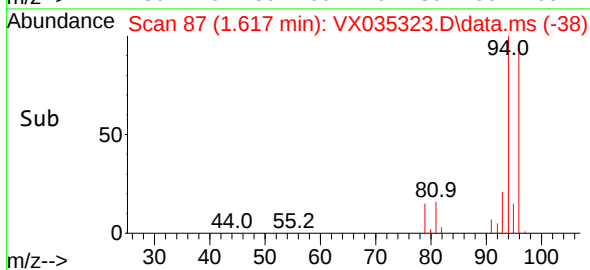
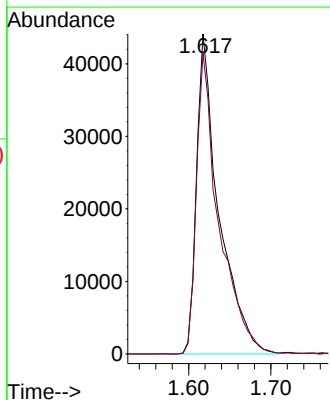
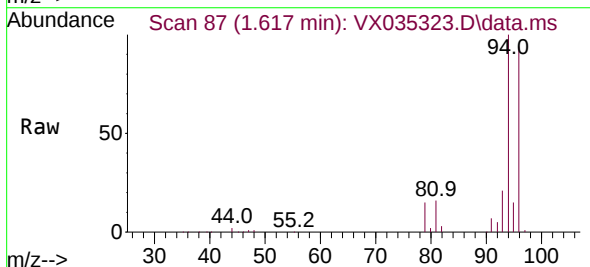
Manual Integrations
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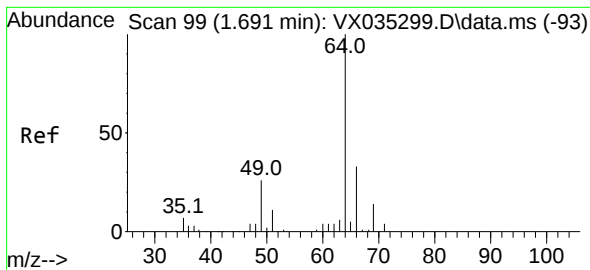
Reviewed By :John Carlone 04/27/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#6
 Bromomethane
 Concen: 37.041 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX035323.D
 Acq: 26 Apr 2023 19:03

Tgt Ion: 94 Resp: 83393
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 121.9





#8

Chloroethane

Concen: 36.333 ug/L m

RT: 1.697 min Scan# 100

Delta R.T. 0.006 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

EW925MS

Tgt Ion: 64 Resp: 7681

Ion Ratio Lower Upper

64 100

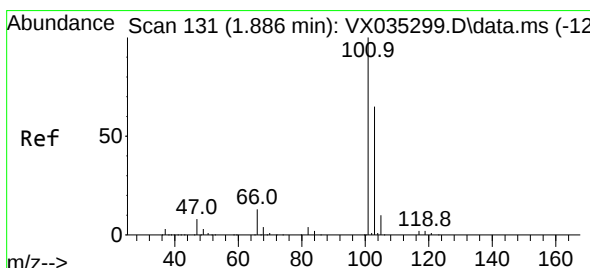
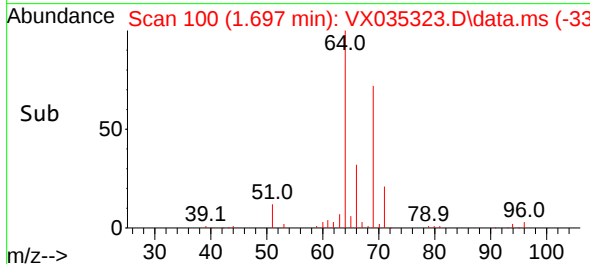
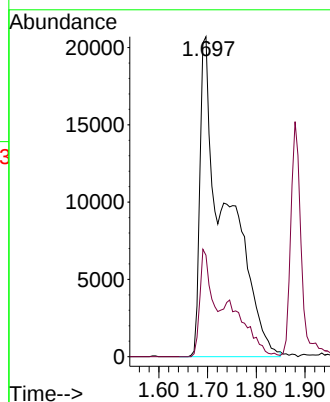
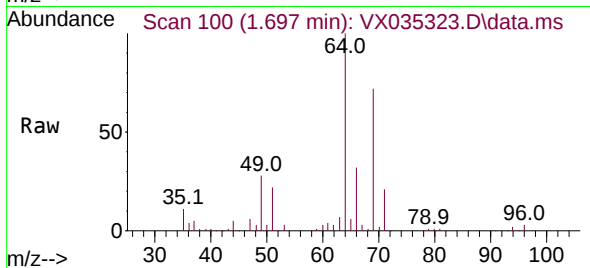
66 31.7 21.9 40.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/01/2023



#9

Trichlorofluoromethane

Concen: 34.611 ug/L

RT: 1.880 min Scan# 130

Delta R.T. -0.012 min

Lab File: VX035323.D

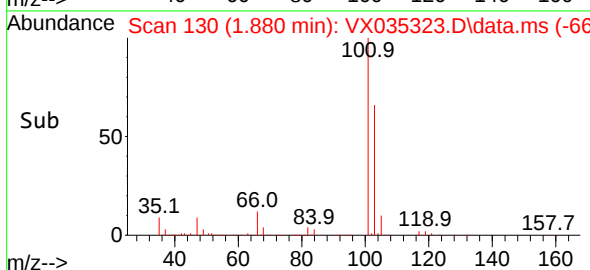
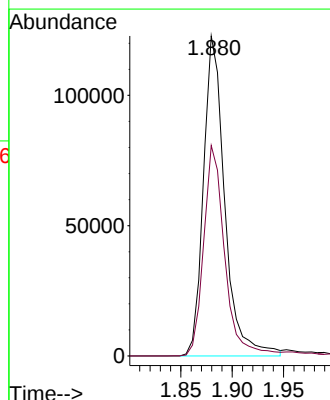
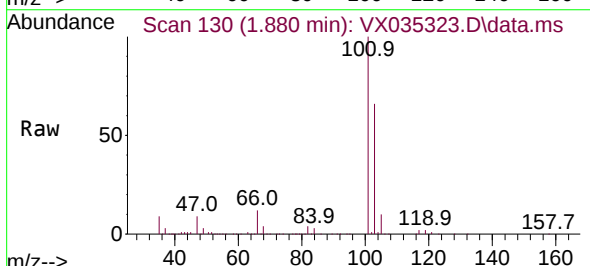
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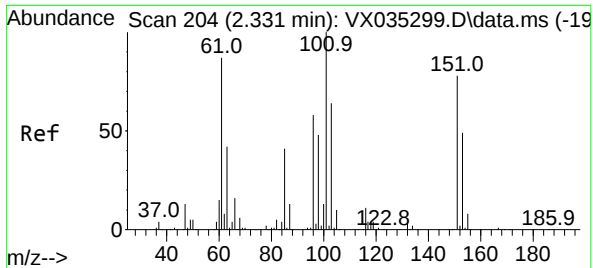
Tgt Ion:101 Resp: 177665

Ion Ratio Lower Upper

101 100

103 64.5 51.7 77.5





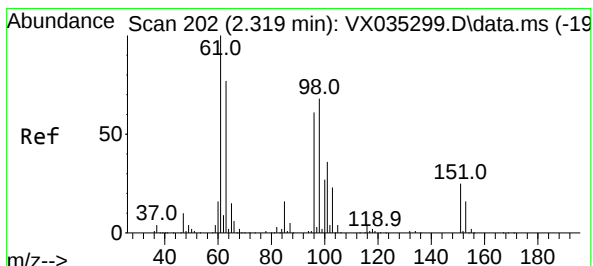
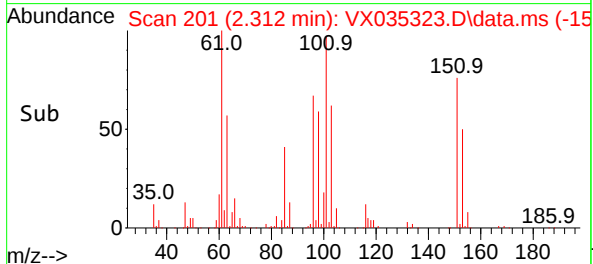
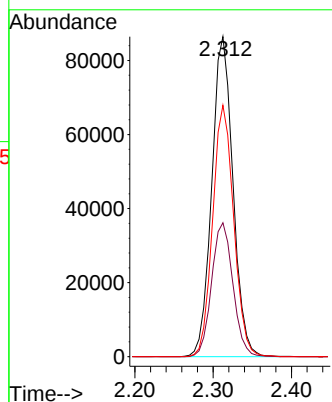
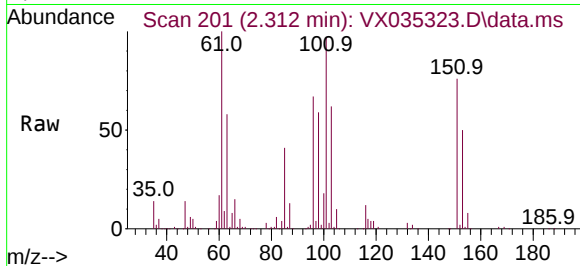
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.381 ug/L
RT: 2.312 min Scan# 200
Delta R.T. -0.018 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

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Tgt Ion:101 Resp: 16265
Ion Ratio Lower Upper
101 100
85 42.0 34.2 51.2
151 78.0 61.1 91.7

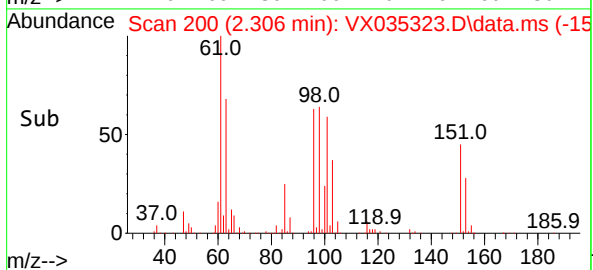
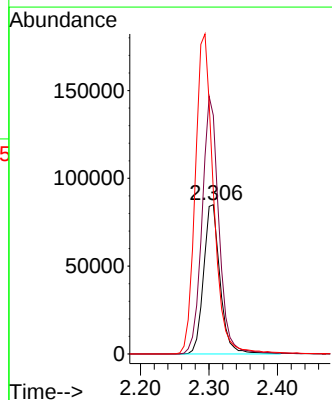
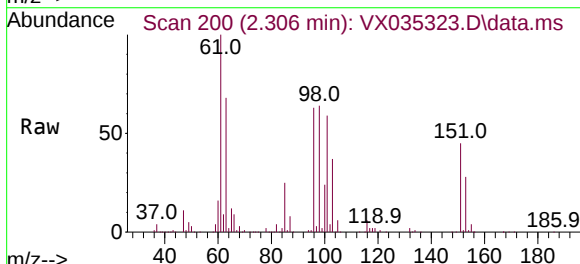
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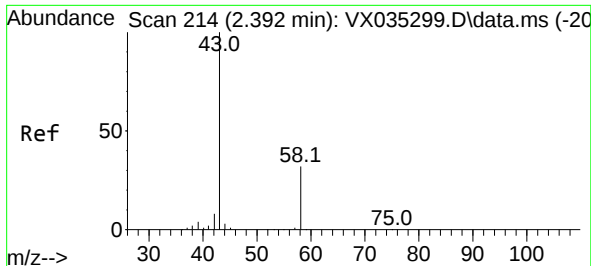
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#12
1,1-Dichloroethene
Concen: 44.480 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion: 96 Resp: 142318
Ion Ratio Lower Upper
96 100
61 159.7 119.0 221.0
63 109.3 91.0 169.0





#13

Acetone

Concen: 74.116 ug/L

RT: 2.410 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

EW925MS

Tgt Ion: 43 Resp: 12650

Ion Ratio Lower Upper

43 100

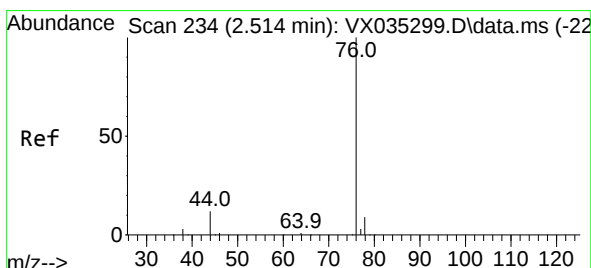
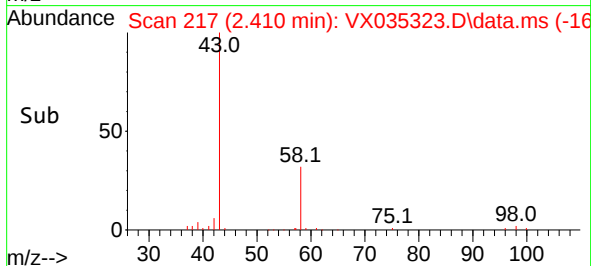
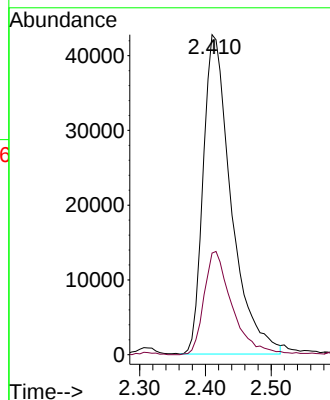
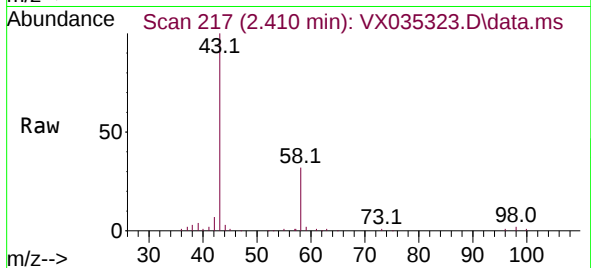
58 32.4 0.0 62.0

Manual Integrations

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Supervised By :Mahesh Dadoda 05/01/2023



#14

Carbon disulfide

Concen: 34.781 ug/L

RT: 2.495 min Scan# 231

Delta R.T. -0.018 min

Lab File: VX035323.D

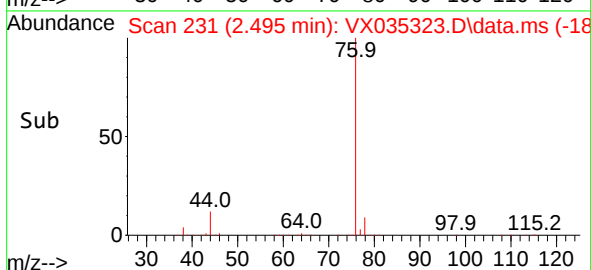
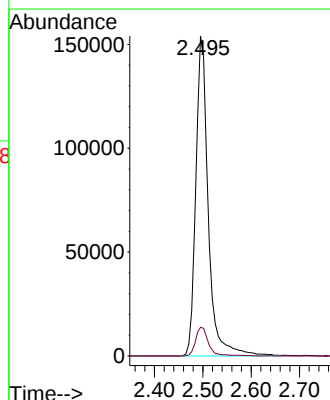
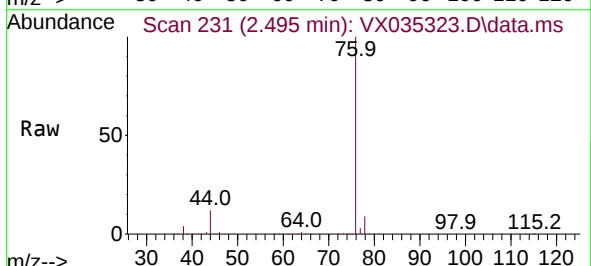
Acq: 26 Apr 2023 19:03

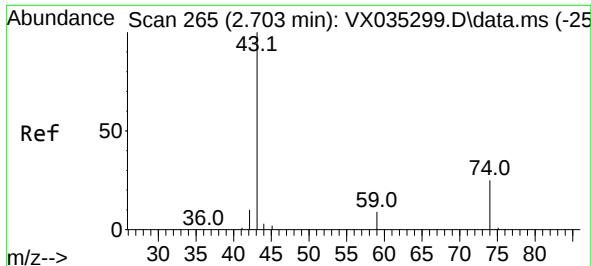
Tgt Ion: 76 Resp: 274954

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





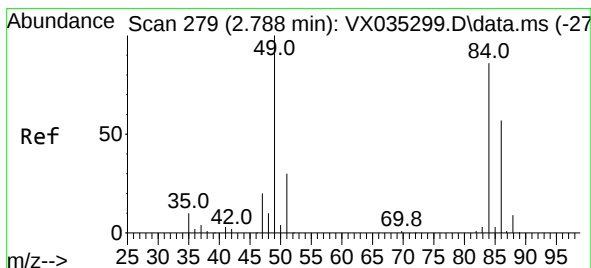
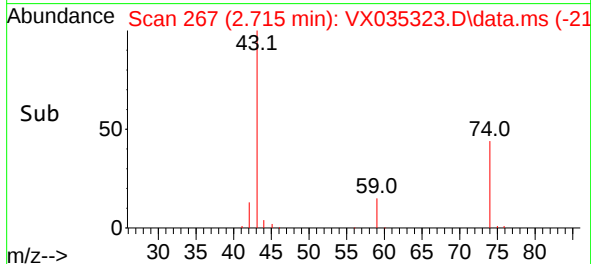
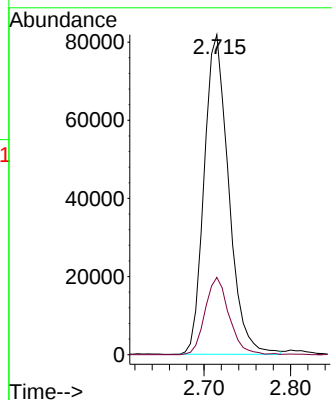
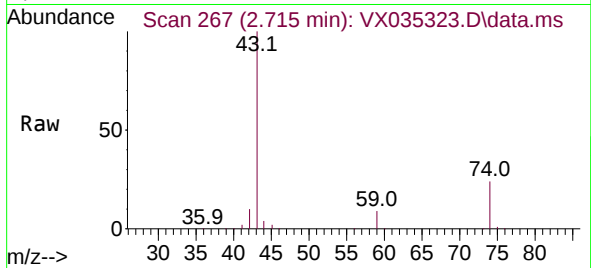
#15
Methyl Acetate
Concen: 43.964 ug/L
RT: 2.715 min Scan# 208
Delta R.T. 0.012 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
EW925MS

Tgt Ion: 43 Resp: 16074
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.4

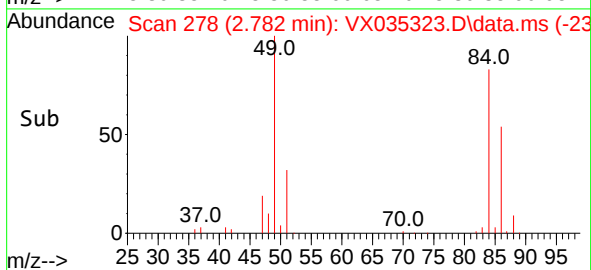
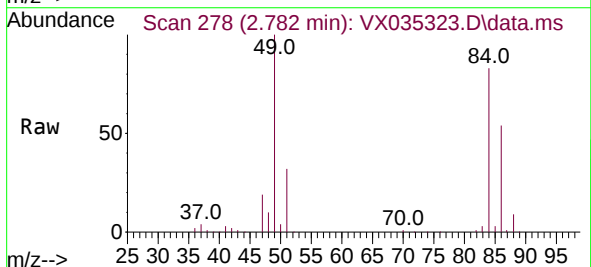
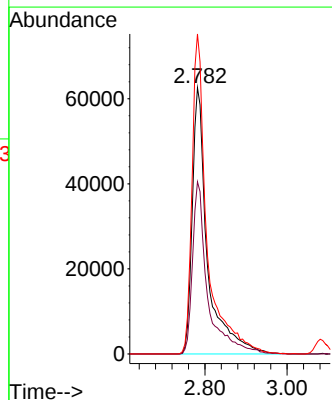
Manual Integrations
APPROVED

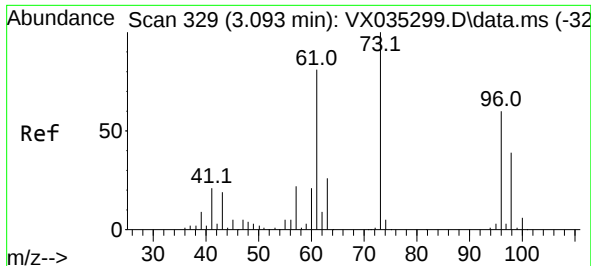
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#16
Methylene chloride
Concen: 45.351 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

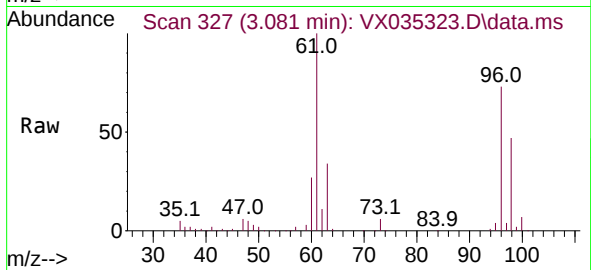
Tgt Ion: 84 Resp: 161569
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.0
49 120.2 88.7 164.7





#17
trans-1,2-Dichloroethene
Concen: 44.465 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

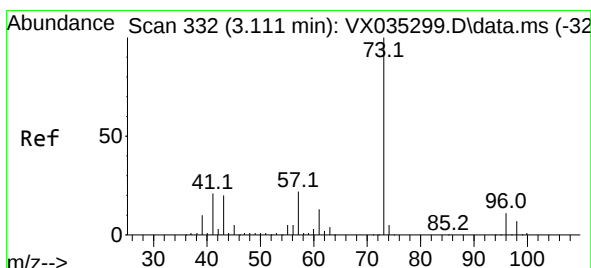
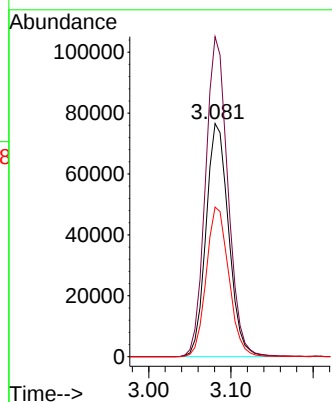
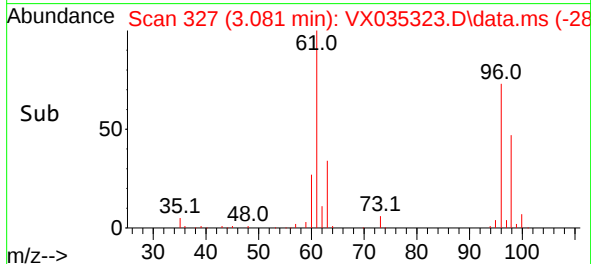
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



Tgt Ion: 96 Resp: 146499
Ion Ratio Lower Upper
96 100
61 137.3 98.8 183.4
98 64.2 44.4 82.4

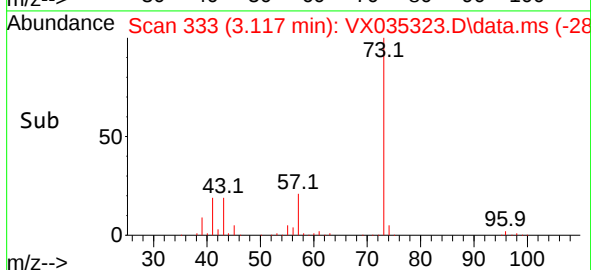
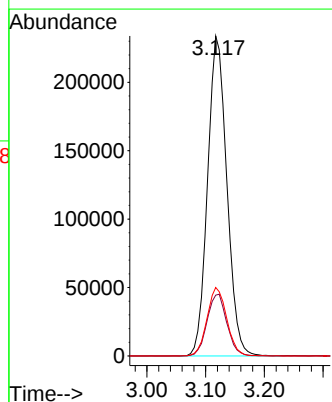
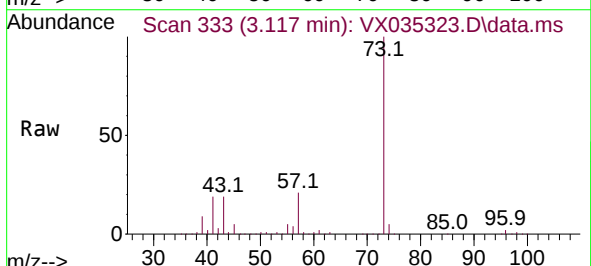
Manual Integrations
APPROVED

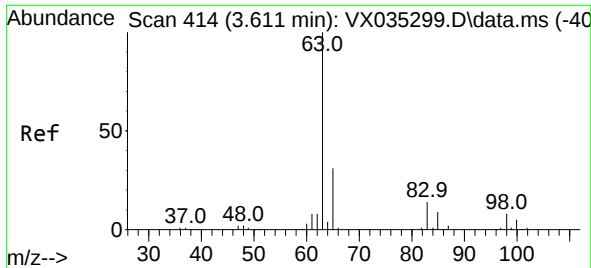
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#18
Methyl tert-butyl Ether
Concen: 46.796 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion: 73 Resp: 533209
Ion Ratio Lower Upper
73 100
43 19.8 16.6 25.0
57 21.8 17.5 26.3





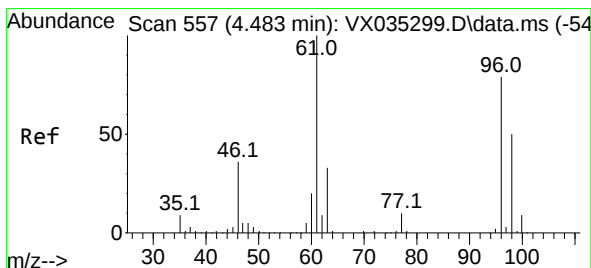
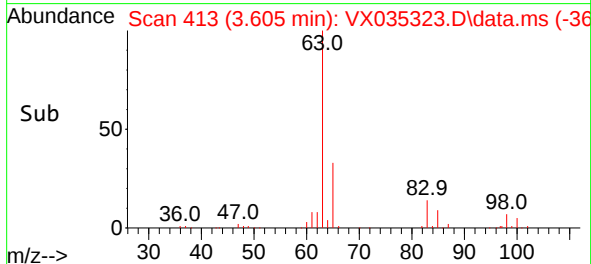
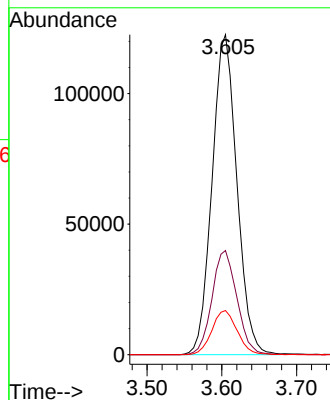
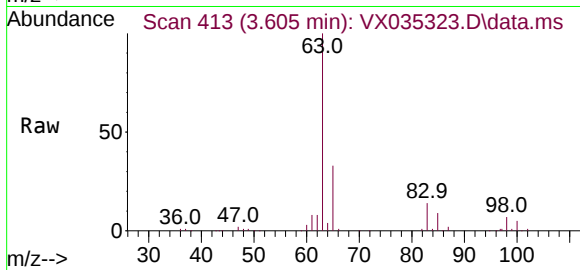
#19
1,1-Dichloroethane
Concen: 44.573 ug/L
RT: 3.605 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
EW925MS

Tgt Ion: 63 Resp: 283095
Ion Ratio Lower Upper
63 100
65 32.5 22.8 42.4
83 13.8 9.1 16.9

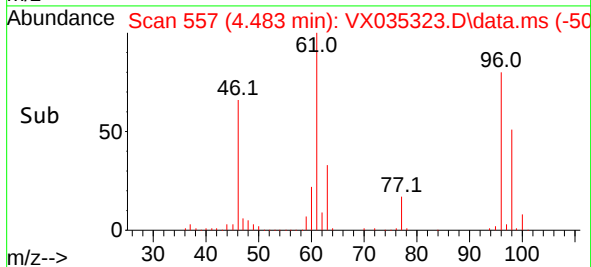
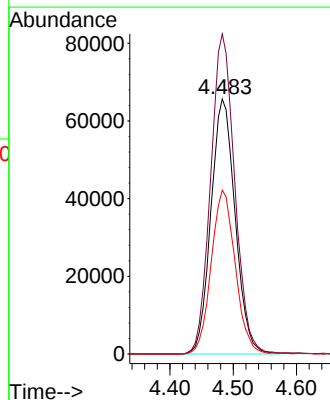
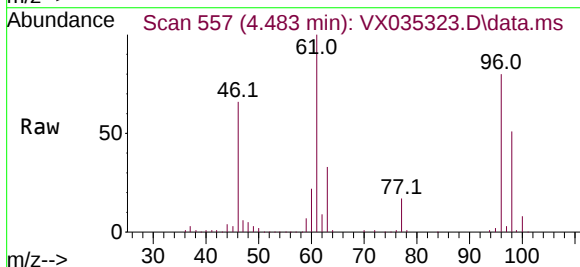
Manual Integrations
APPROVED

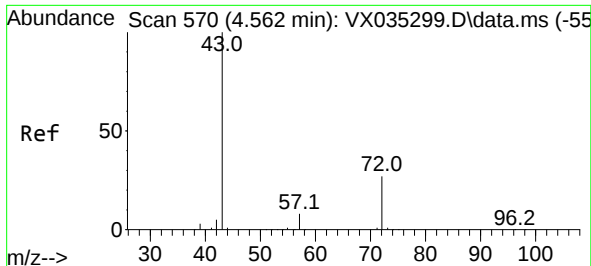
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#20
cis-1,2-Dichloroethene
Concen: 45.305 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion: 96 Resp: 174517
Ion Ratio Lower Upper
96 100
61 125.5 87.8 163.2
98 64.2 46.3 86.1





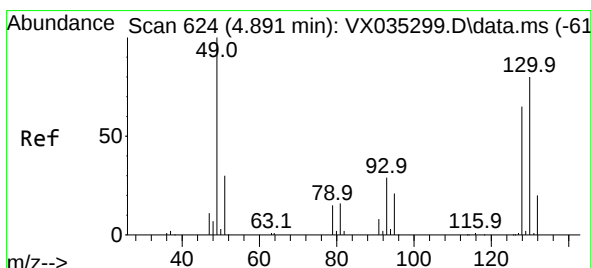
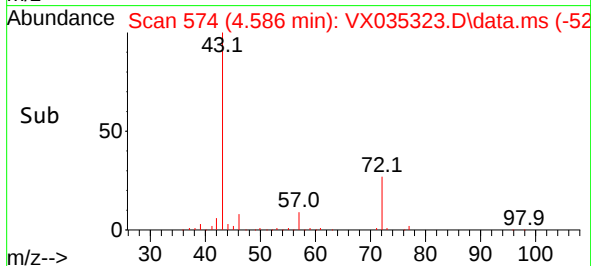
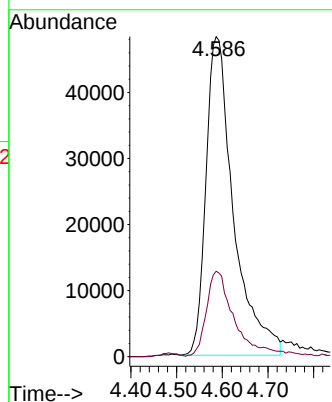
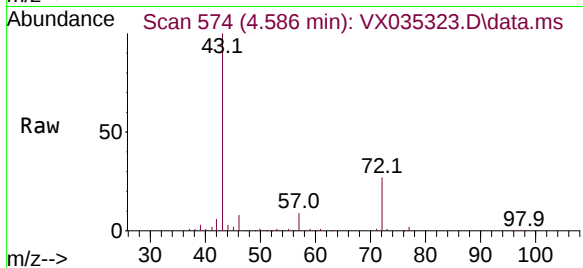
#22
2-Butanone
Concen: 77.071 ug/L
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
EW925MS

Tgt Ion: 43 Resp: 20191
Ion Ratio Lower Upper
43 100
72 25.2 12.4 37.2

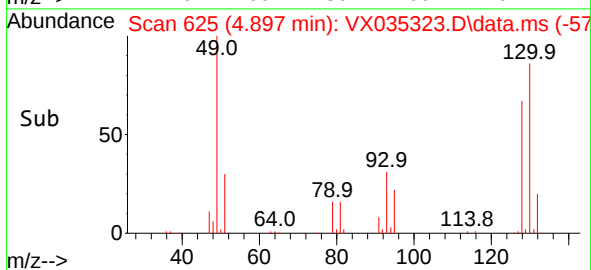
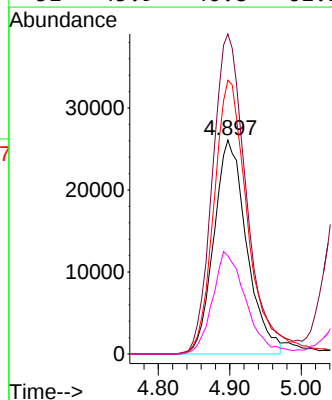
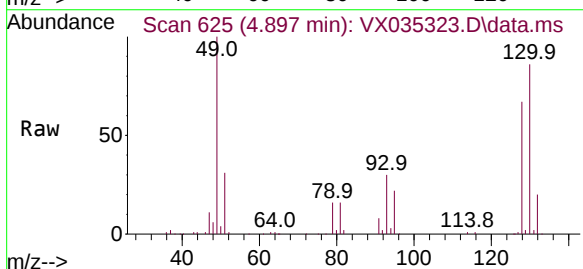
Manual Integrations
APPROVED

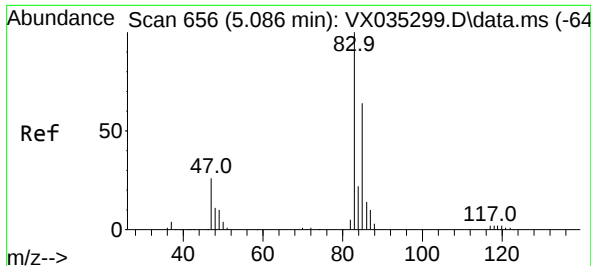
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#23
Bromochloromethane
Concen: 43.546 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion:128 Resp: 83080
Ion Ratio Lower Upper
128 100
49 149.6 115.9 215.3
130 128.0 88.9 165.1
51 45.9 40.8 61.2





#25

Chloroform

Concen: 46.310 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

EW925MS

Tgt Ion: 83 Resp: 29820

Ion Ratio Lower Upper

83 100

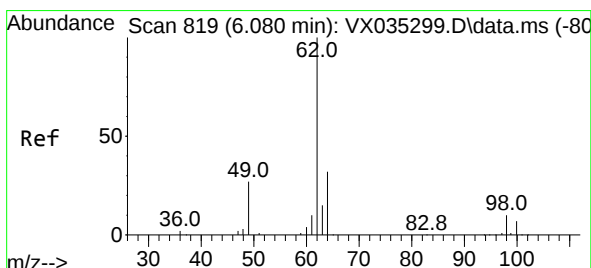
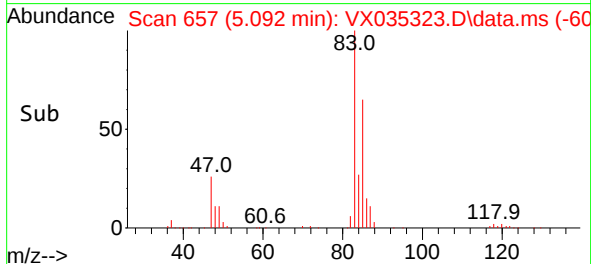
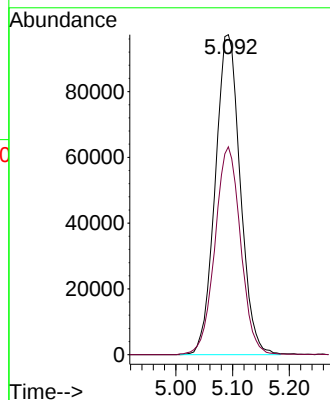
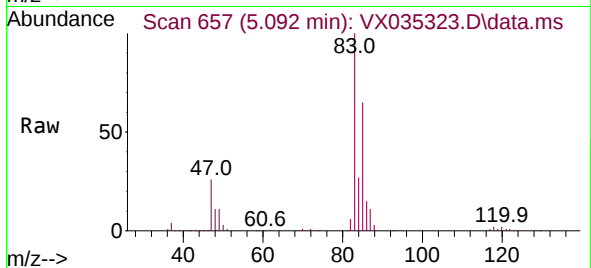
85 65.0 46.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 05/01/2023



#27

1,2-Dichloroethane

Concen: 45.054 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX035323.D

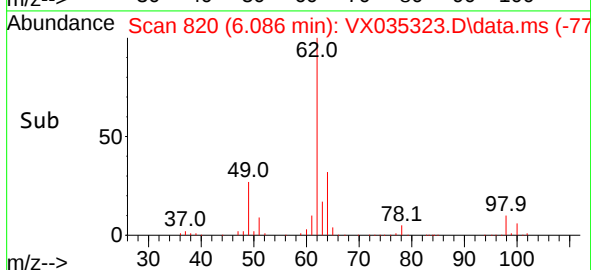
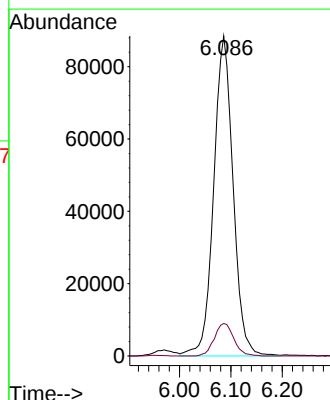
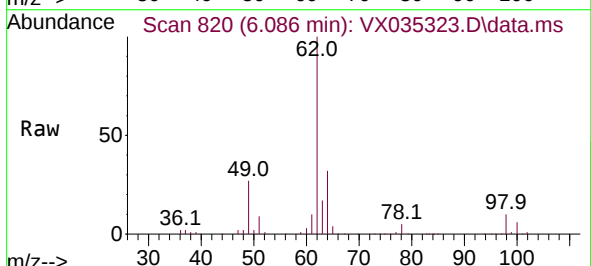
Acq: 26 Apr 2023 19:03

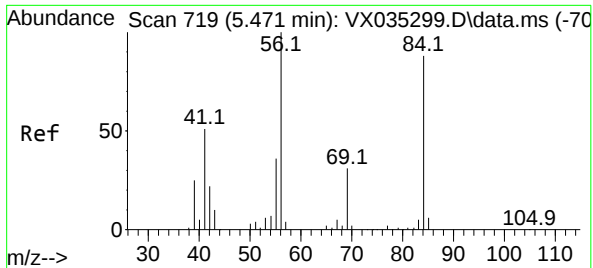
Tgt Ion: 62 Resp: 232373

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 47.426 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

EW925MS

Tgt Ion: 56 Resp: 269050

Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

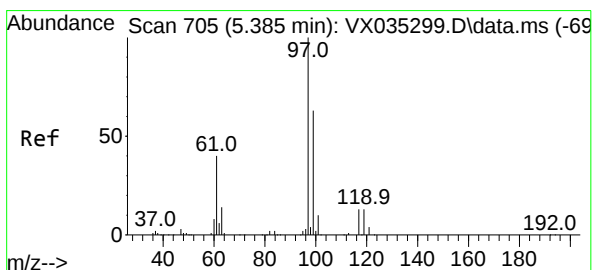
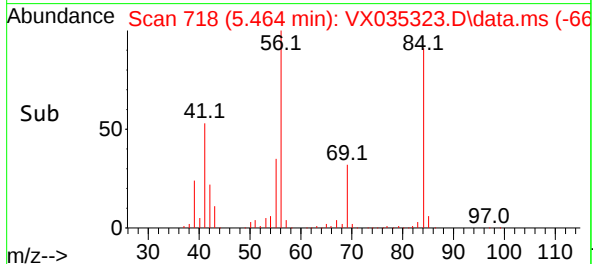
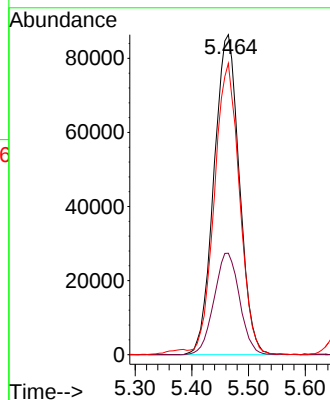
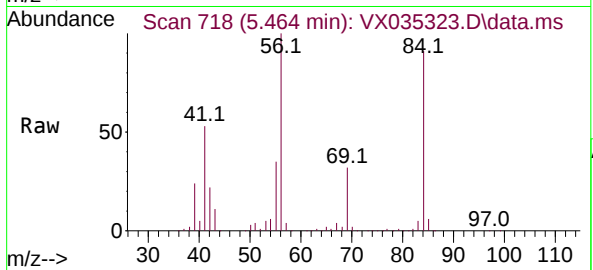
84 89.3 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

1,1,1-Trichloroethane

Concen: 45.240 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

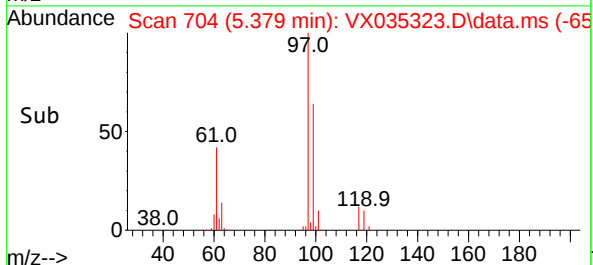
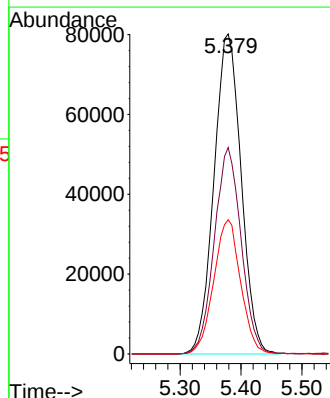
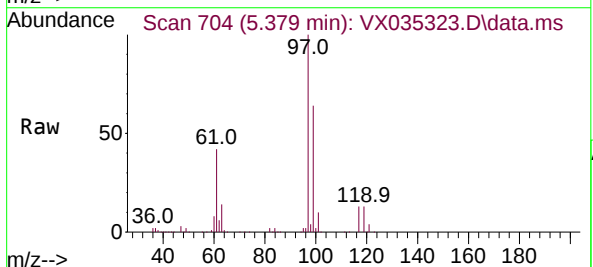
Tgt Ion: 97 Resp: 249120

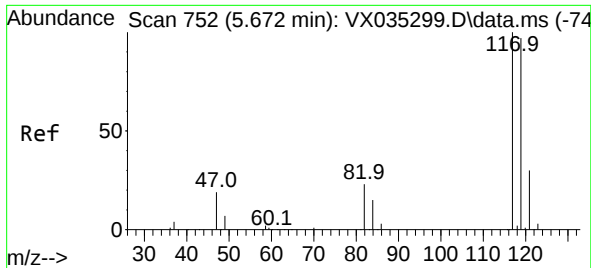
Ion Ratio Lower Upper

97 100

99 63.4 50.6 75.8

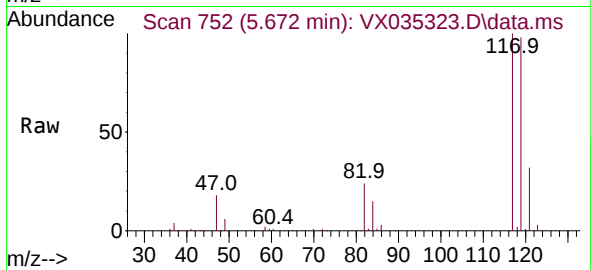
61 41.5 34.9 52.3





#31
Carbon tetrachloride
Concen: 43.492 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

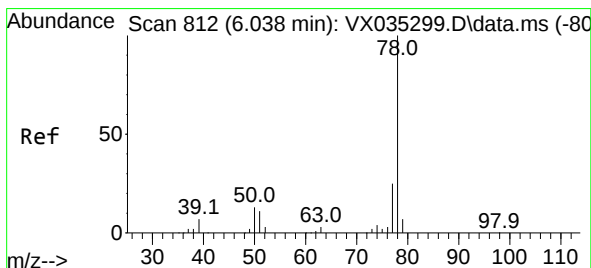
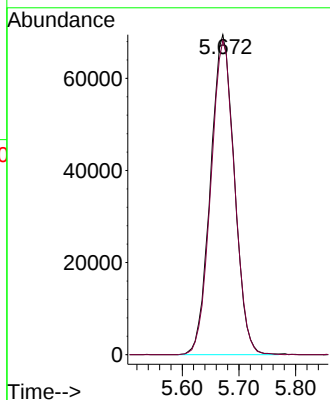
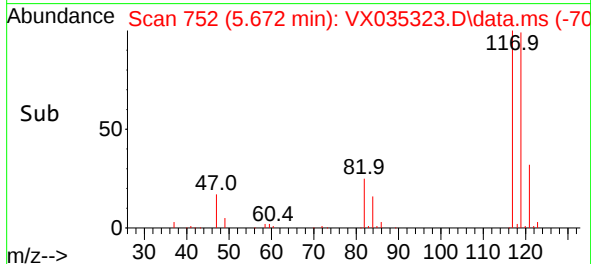
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



Tgt Ion:117 Resp: 20308
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7

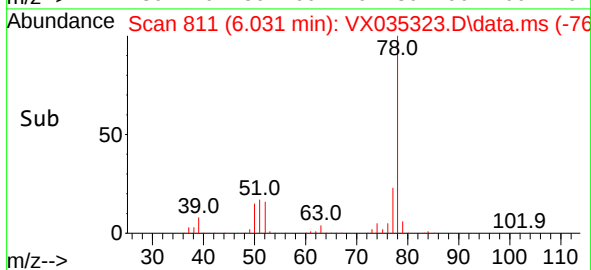
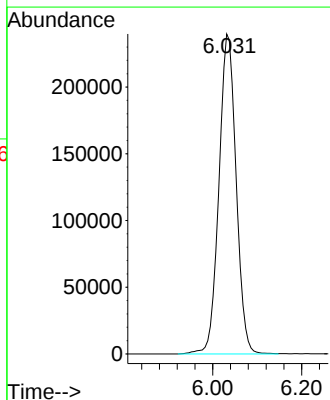
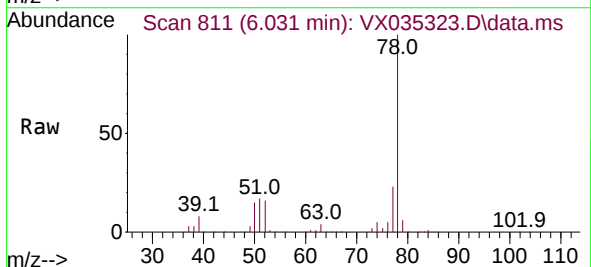
Manual Integrations
APPROVED

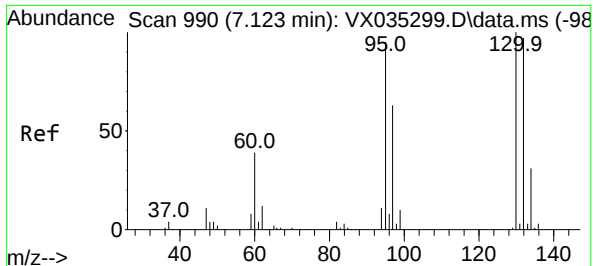
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#33
Benzene
Concen: 45.202 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

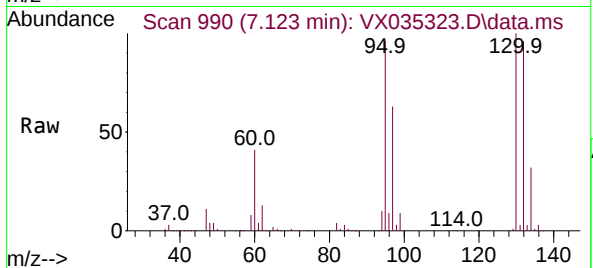
Tgt Ion: 78 Resp: 642706





#34
Trichloroethene
Concen: 45.368 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

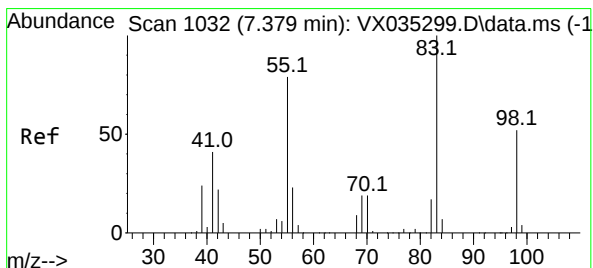
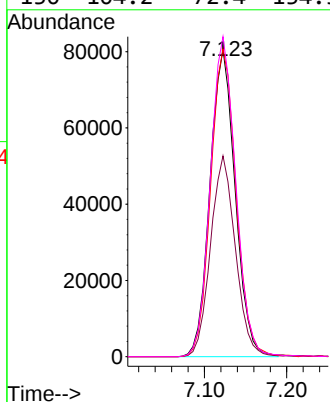
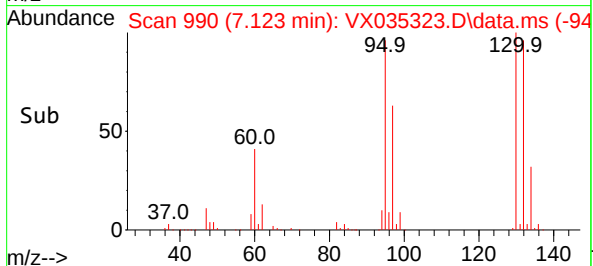
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



Tgt Ion: 95 Resp: 171597
Ion Ratio Lower Upper
95 100
97 65.4 45.6 84.8
132 100.2 69.7 129.4
130 104.2 72.4 134.5

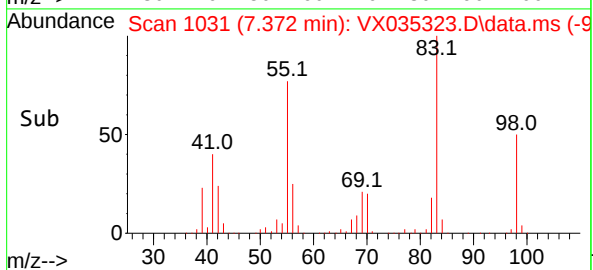
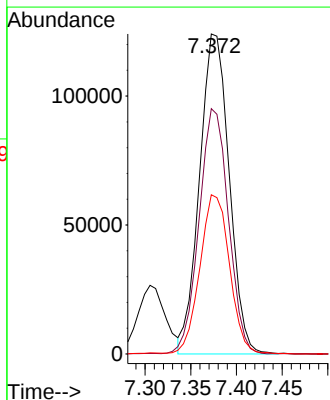
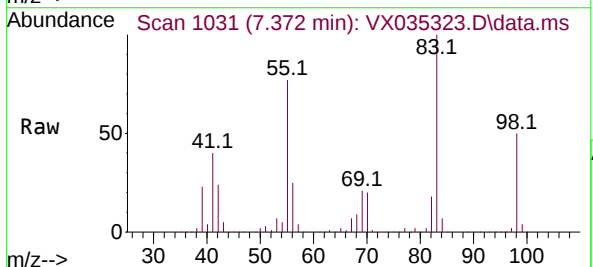
Manual Integrations
APPROVED

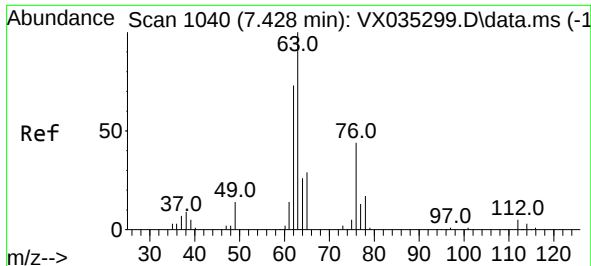
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#35
Methylcyclohexane
Concen: 55.002 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

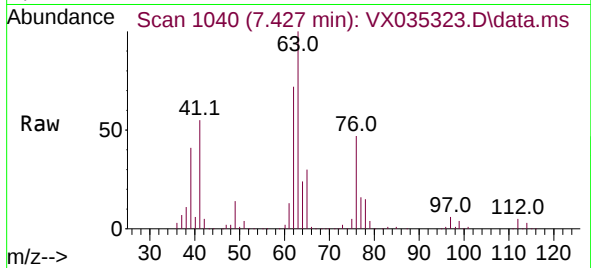
Tgt Ion: 83 Resp: 280166
Ion Ratio Lower Upper
83 100
55 75.8 62.2 93.2
98 49.8 39.3 58.9





#37
1,2-Dichloropropane
Concen: 45.256 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

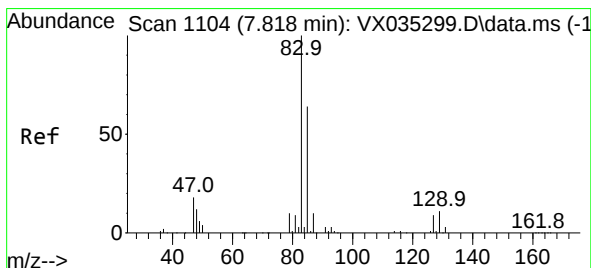
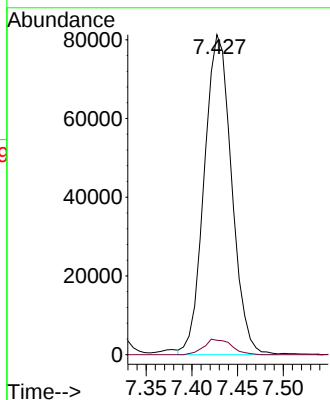
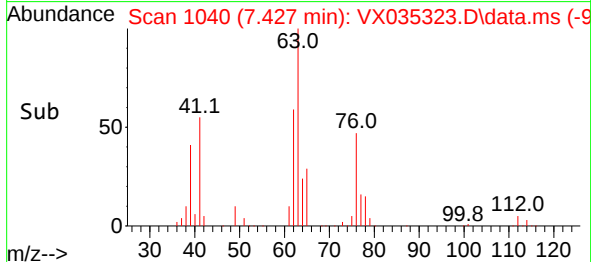
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



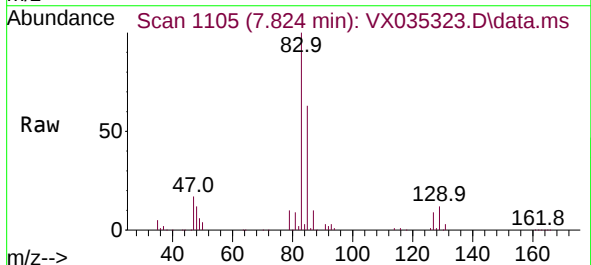
Tgt Ion: 63 Resp: 169414
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5

Manual Integrations
APPROVED

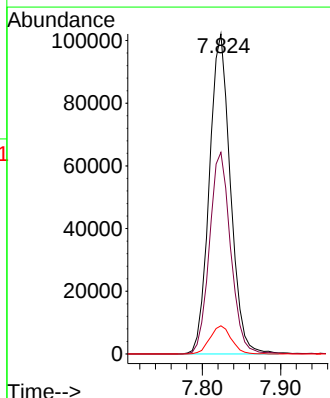
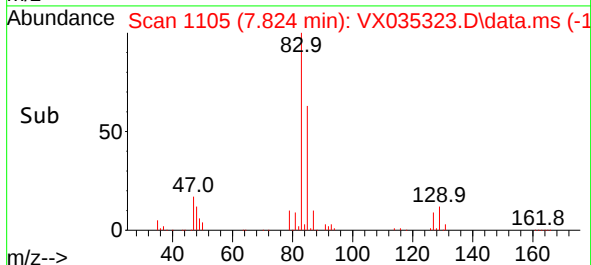
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023

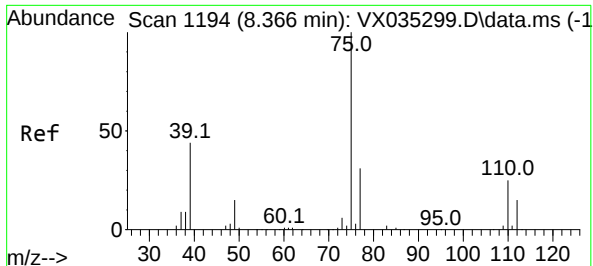


#38
Bromodichloromethane
Concen: 43.124 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03



Tgt Ion: 83 Resp: 190741
Ion Ratio Lower Upper
83 100
85 63.0 44.7 82.9
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 46.282 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

EW925MS

Tgt Ion: 75 Resp: 259060

Ion Ratio Lower Upper

75 100

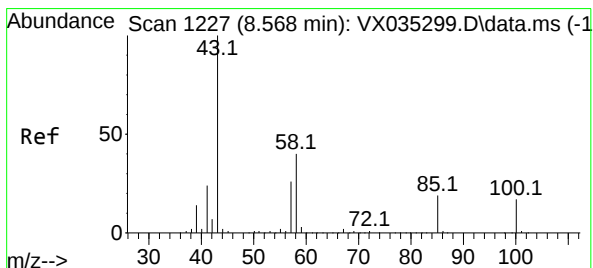
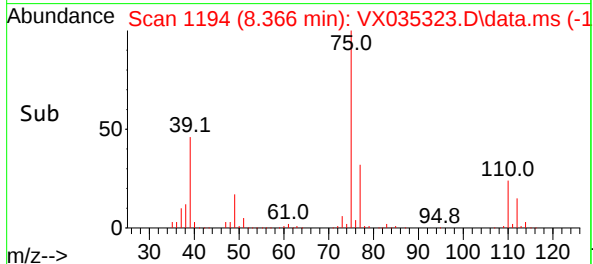
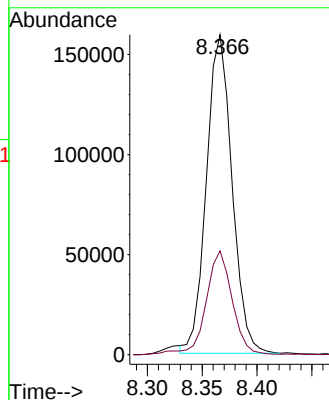
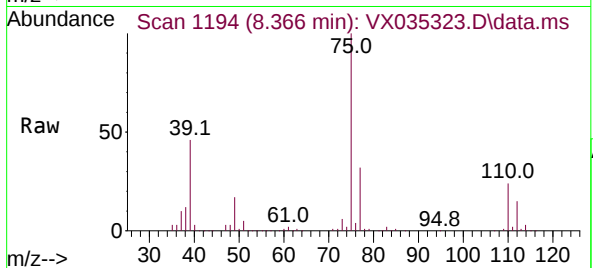
77 32.4 21.4 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

4-Methyl-2-pentanone

Concen: 83.826 ug/L m

RT: 8.580 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

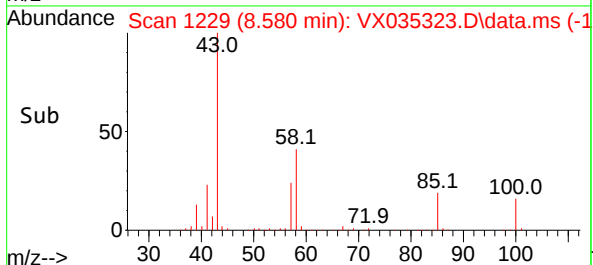
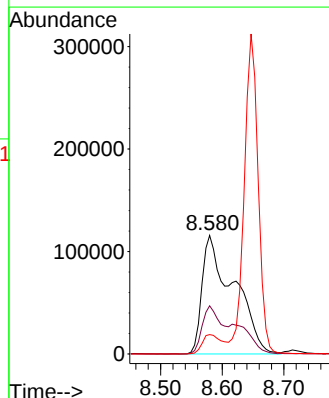
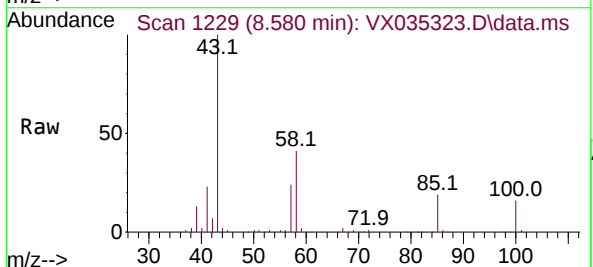
Tgt Ion: 43 Resp: 413665

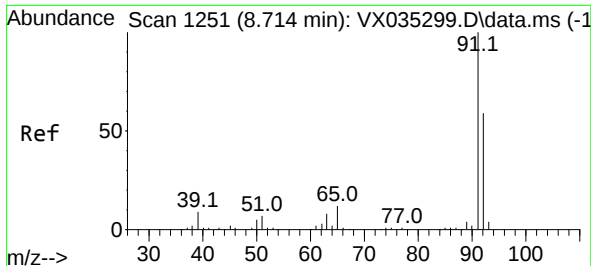
Ion Ratio Lower Upper

43 100

58 25.7 31.5 47.3#

100 10.8 12.8 19.2#





#42

Toluene

Concen: 46.414 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX035323.D

Acq: 26 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

EW925MS

Tgt Ion: 91 Resp: 68469

Ion Ratio Lower Upper

91 100

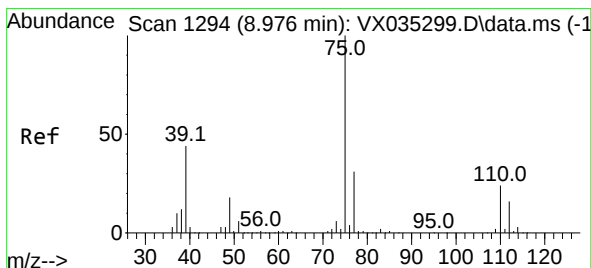
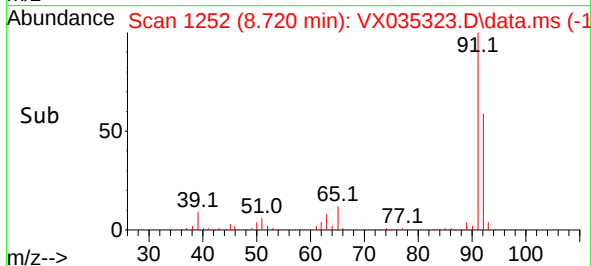
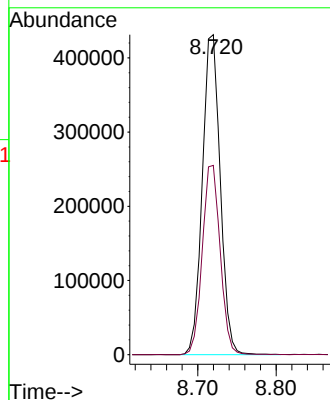
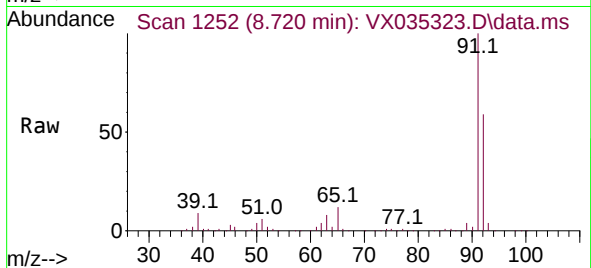
92 59.1 41.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 05/01/2023



#44

trans-1,3-Dichloropropene

Concen: 47.339 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX035323.D

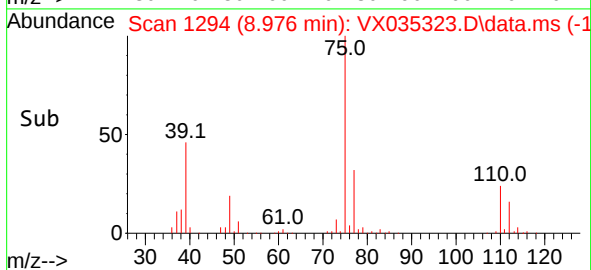
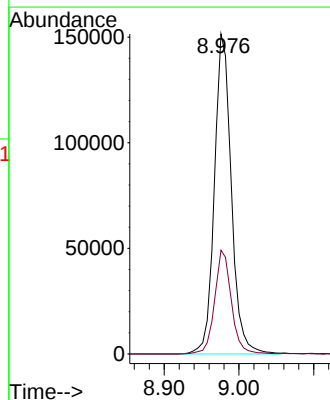
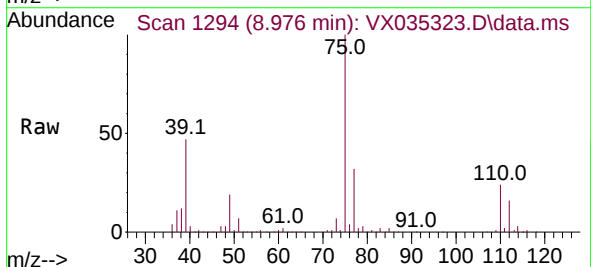
Acq: 26 Apr 2023 19:03

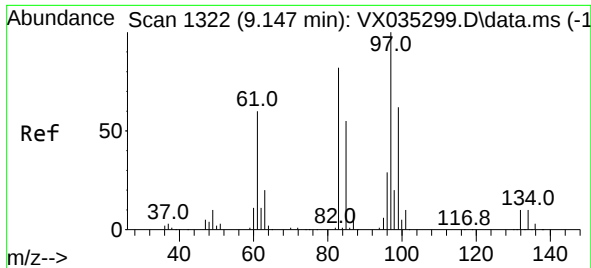
Tgt Ion: 75 Resp: 238752

Ion Ratio Lower Upper

75 100

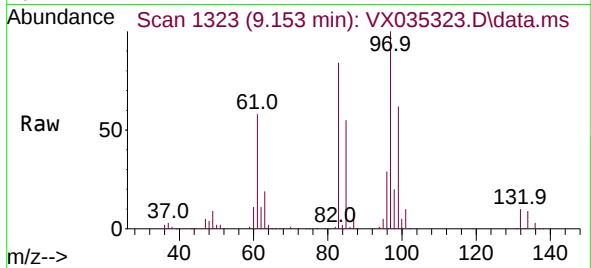
77 32.4 22.0 40.8





#45
1,1,2-Trichloroethane
Concen: 46.775 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

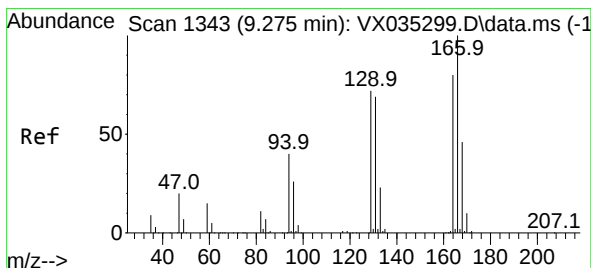
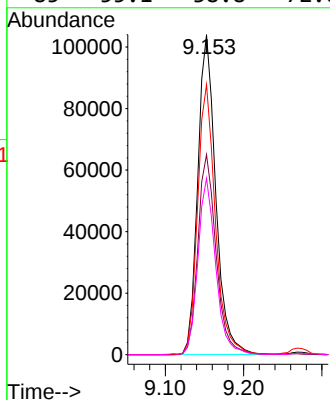
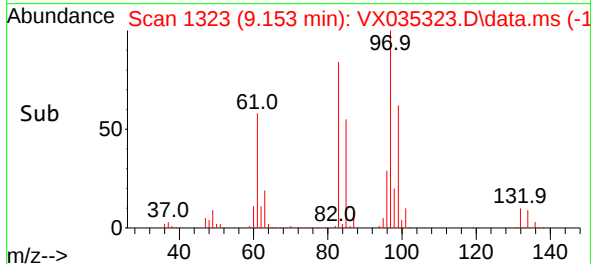
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



Tgt Ion: 97 Resp: 166158
Ion Ratio Lower Upper
97 100
99 62.5 43.8 81.4
83 84.4 59.8 111.0
85 55.1 38.8 72.0

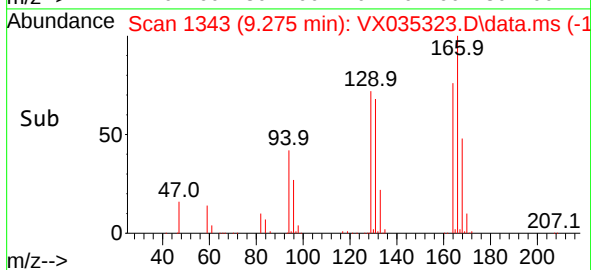
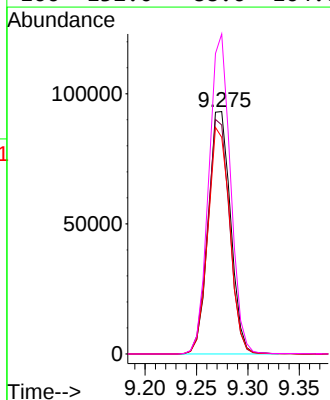
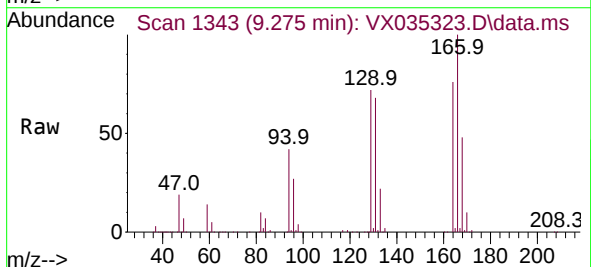
Manual Integrations
APPROVED

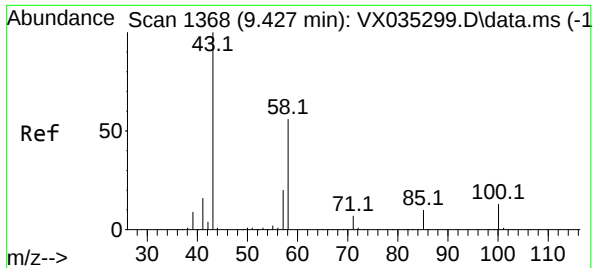
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#46
Tetrachloroethene
Concen: 49.615 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

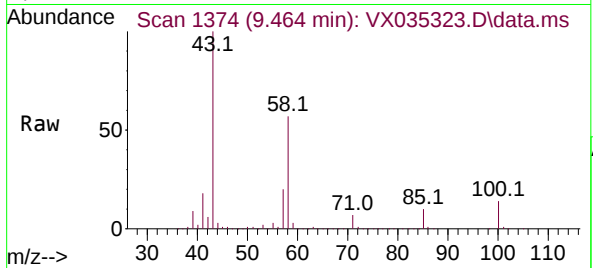
Tgt Ion:164 Resp: 139787
Ion Ratio Lower Upper
164 100
129 94.4 66.1 122.8
131 89.4 65.0 120.8
166 132.0 88.6 164.6





#48
2-Hexanone
Concen: 84.648 ug/L m
RT: 9.464 min Scan# 1374
Delta R.T. 0.036 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

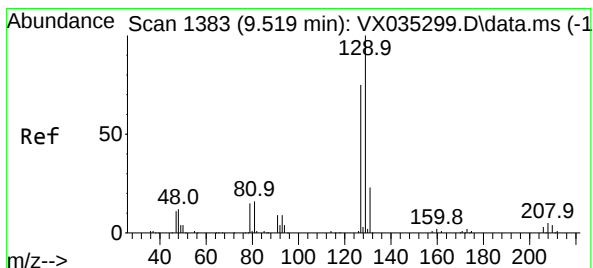
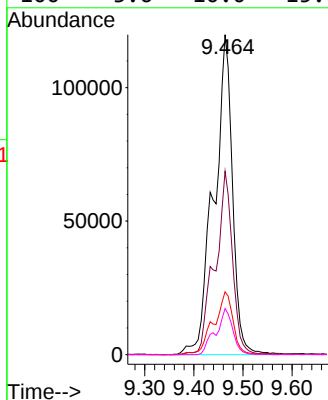
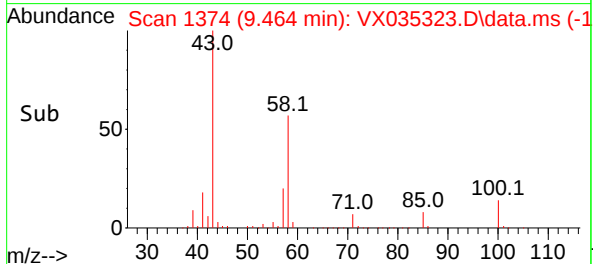
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



Tgt Ion: 43 Resp: 31715
Ion Ratio Lower Upper
43 100
58 16.0 43.2 64.8
57 6.2 15.4 23.0
100 3.6 10.0 15.0

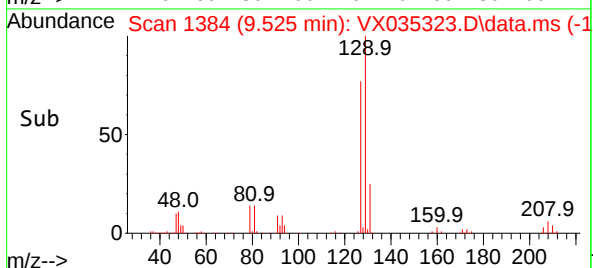
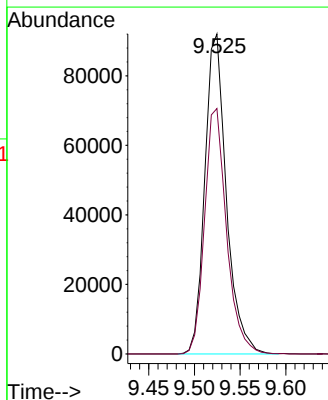
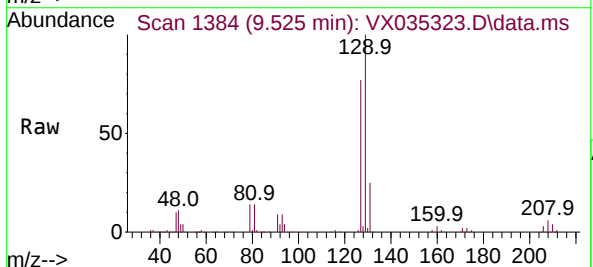
Manual Integrations
APPROVED

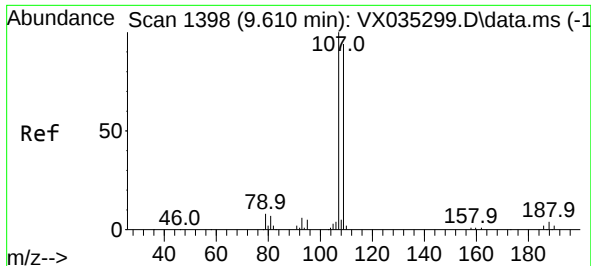
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#49
Dibromochloromethane
Concen: 44.615 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

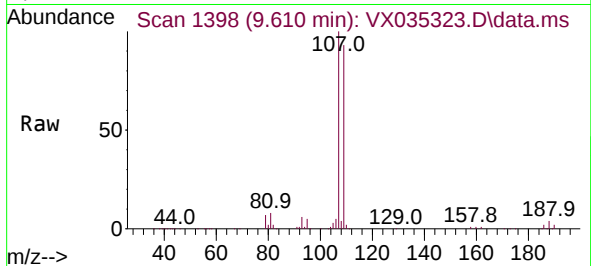
Tgt Ion:129 Resp: 150617
Ion Ratio Lower Upper
129 100
127 76.7 54.8 101.8





#50
1,2-Dibromoethane
Concen: 47.566 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

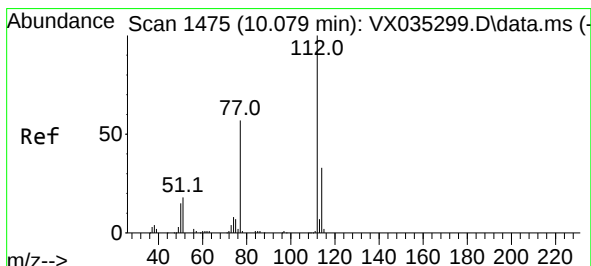
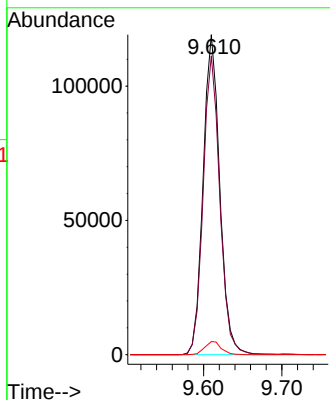
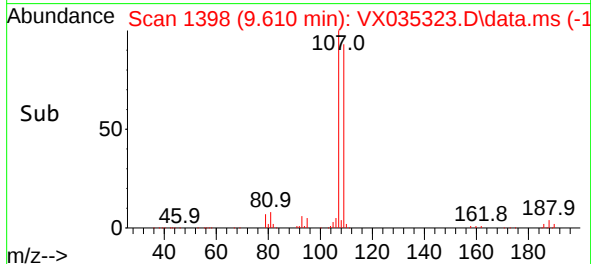
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



Tgt Ion:107 Resp: 175810
Ion Ratio Lower Upper
107 100
109 93.4 65.6 121.8
188 4.1 3.3 4.9

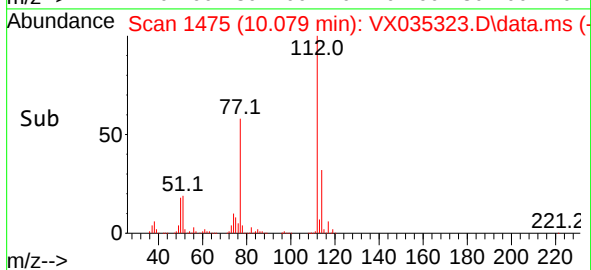
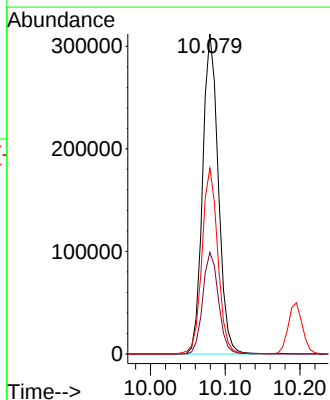
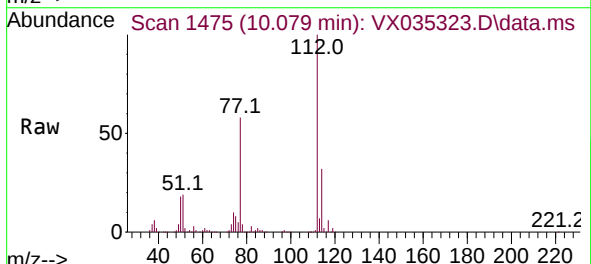
Manual Integrations
APPROVED

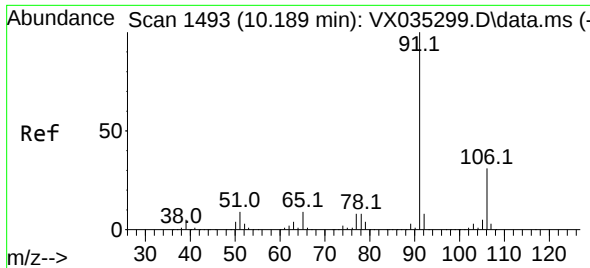
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#51
Chlorobenzene
Concen: 46.757 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion:112 Resp: 454423
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 58.1 47.0 70.6





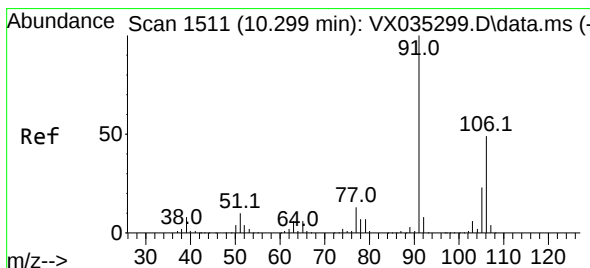
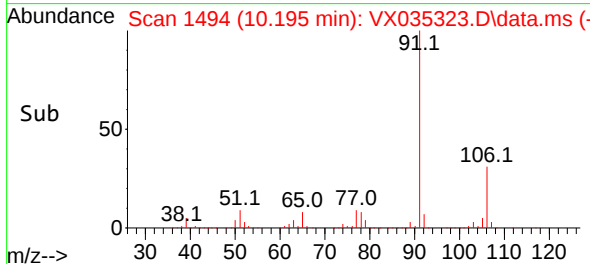
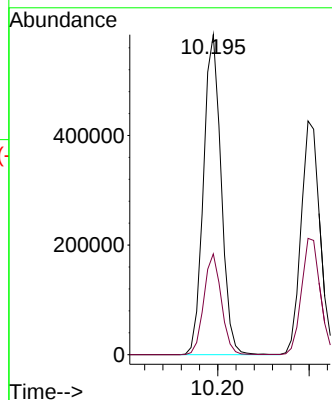
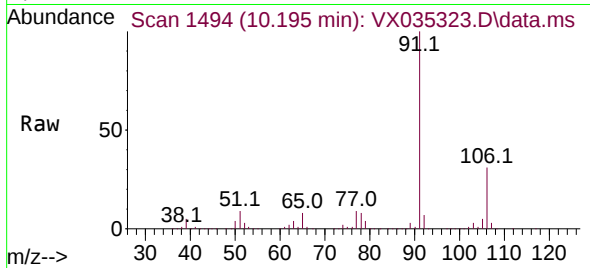
#52
Ethylbenzene
Concen: 47.930 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
EW925MS

Tgt Ion: 91 Resp: 781609
Ion Ratio Lower Upper
91 100
106 31.5 22.6 42.0

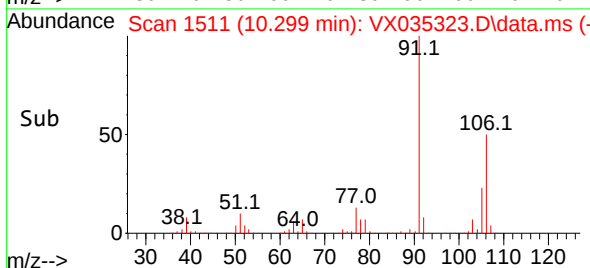
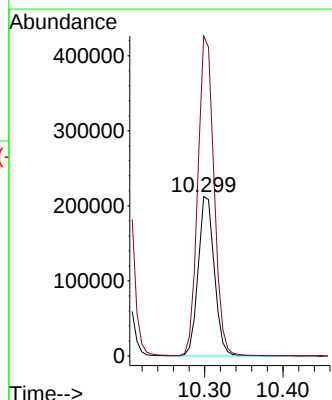
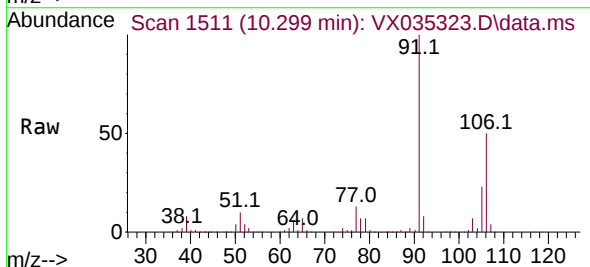
Manual Integrations
APPROVED

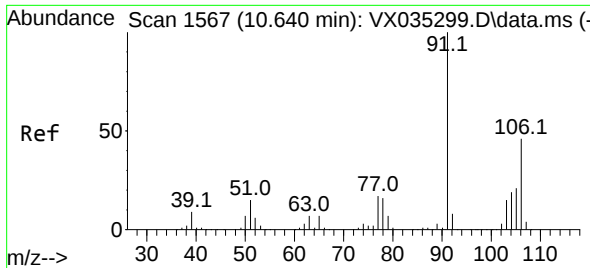
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#53
m,p-Xylene
Concen: 48.879 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion:106 Resp: 305227
Ion Ratio Lower Upper
106 100
91 200.8 142.7 264.9





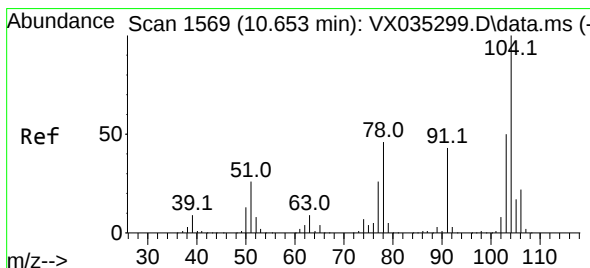
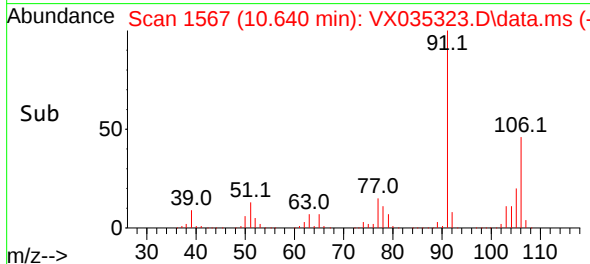
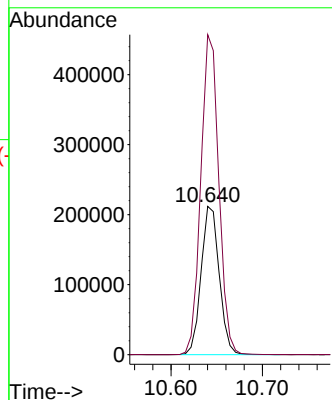
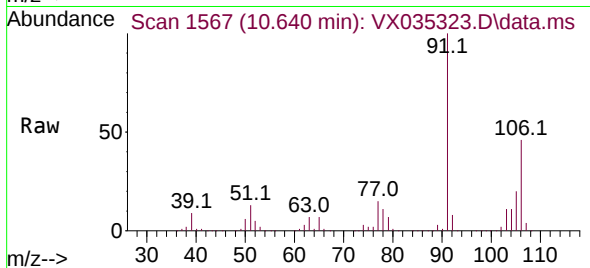
#54
o-Xylene
Concen: 47.551 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
EW925MS

Tgt Ion:106 Resp: 291930
Ion Ratio Lower Upper
106 100
91 215.8 153.9 285.7

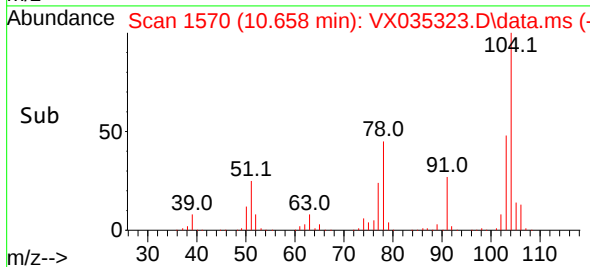
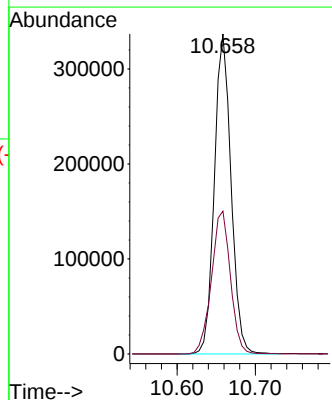
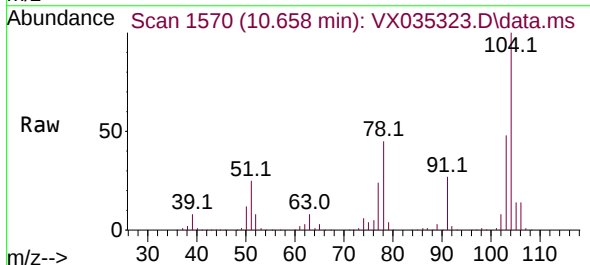
Manual Integrations
APPROVED

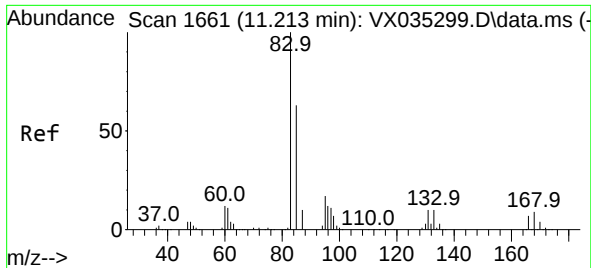
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#55
Styrene
Concen: 47.869 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Tgt Ion:104 Resp: 497926
Ion Ratio Lower Upper
104 100
78 44.7 33.5 62.3





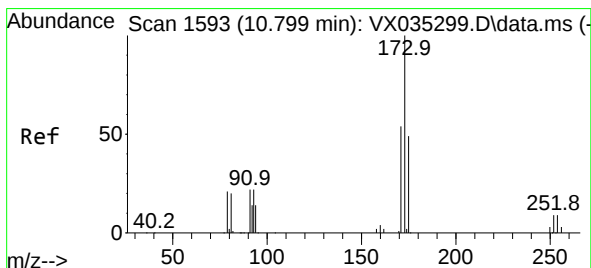
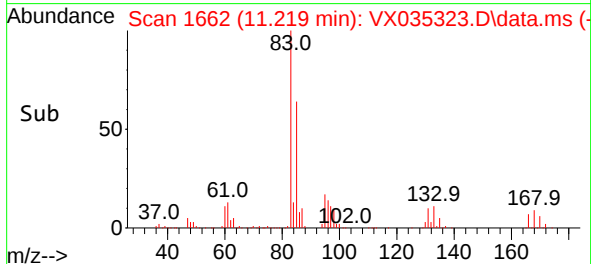
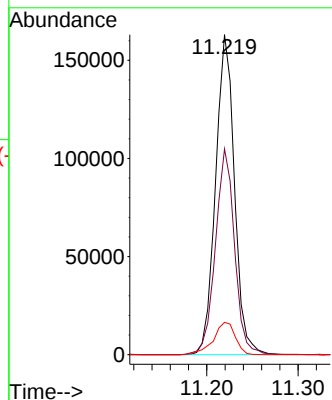
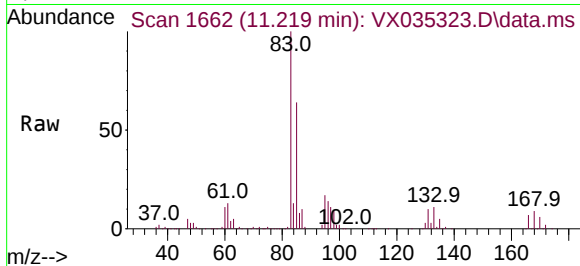
#57
1,1,2,2-Tetrachloroethane
Concen: 44.770 ug/L
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
EW925MS

Tgt Ion: 83 Resp: 23438
Ion Ratio Lower Upper
83 100
85 64.3 46.0 85.4
131 10.1 8.3 12.5

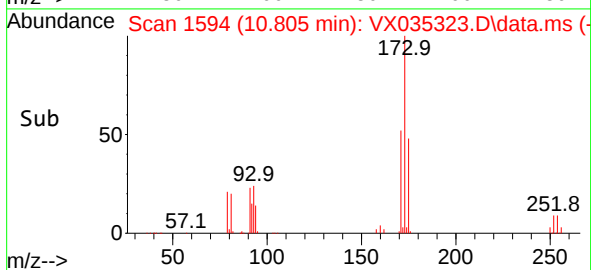
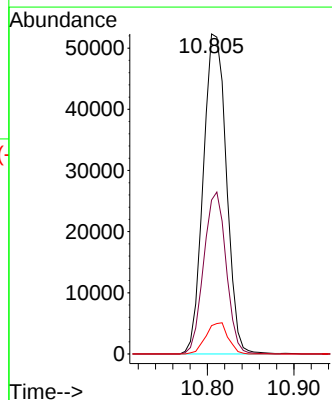
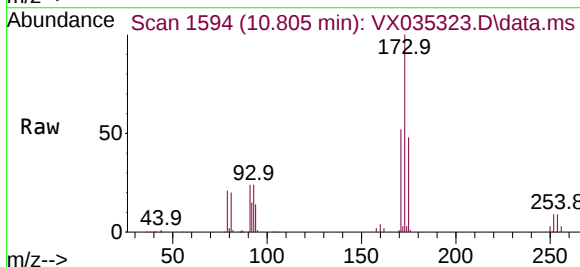
Manual Integrations
APPROVED

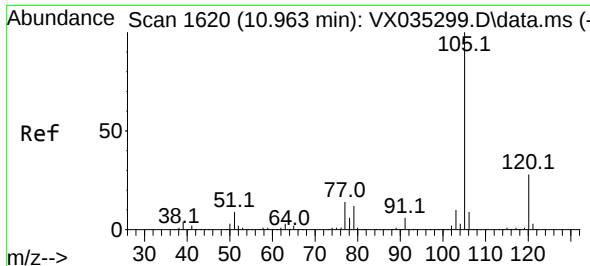
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#59
Bromoform
Concen: 38.717 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

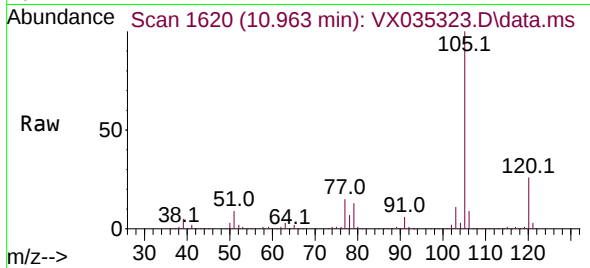
Tgt Ion:173 Resp: 97066
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.4
254 9.3 7.4 11.0





#60
Isopropylbenzene
Concen: 47.505 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

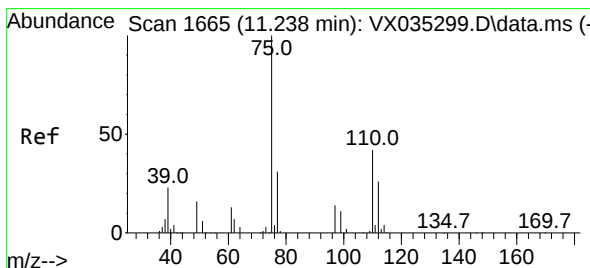
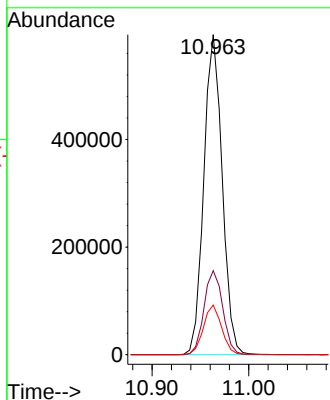
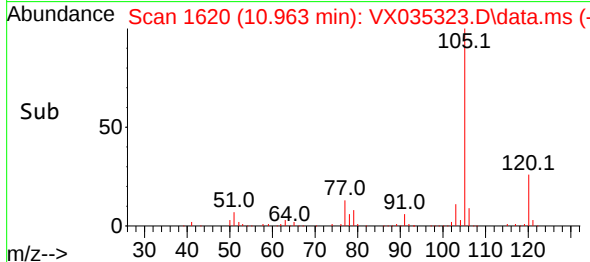
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



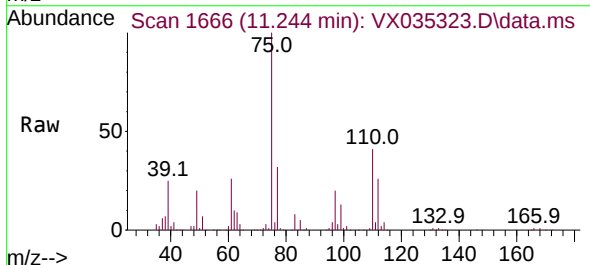
Tgt Ion:105 Resp: 78670
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.4 12.6 18.8

Manual Integrations
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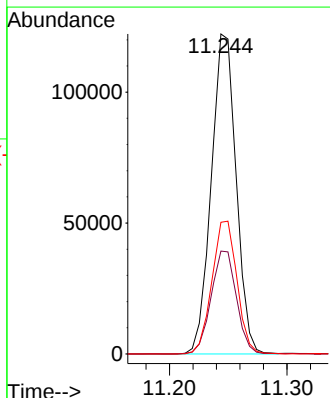
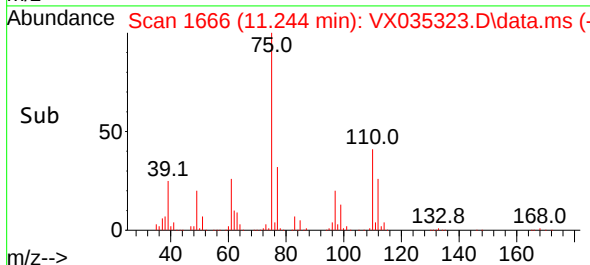
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023

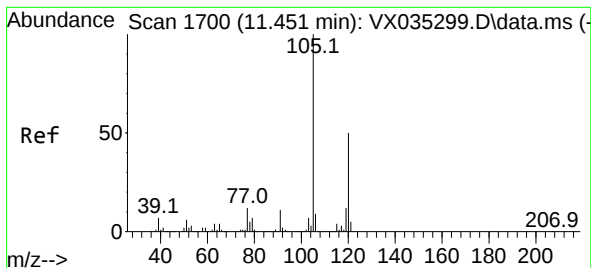


#61
1,2,3-Trichloropropane
Concen: 39.986 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03



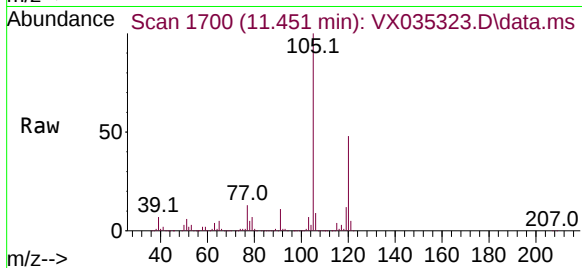
Tgt Ion: 75 Resp: 179799
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
110 41.9 32.5 48.7





#62
1,3,5-Trimethylbenzene
Concen: 49.573 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

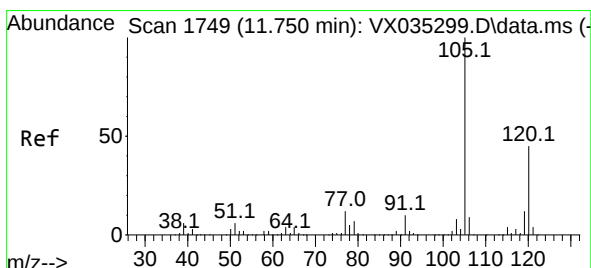
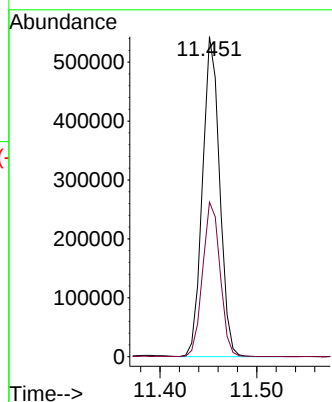
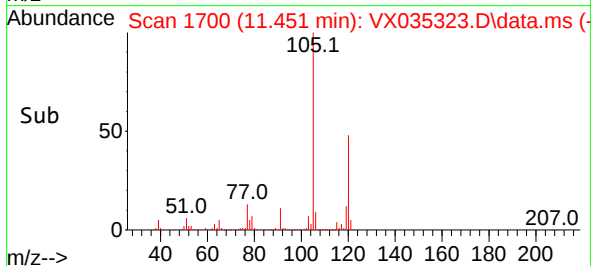
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



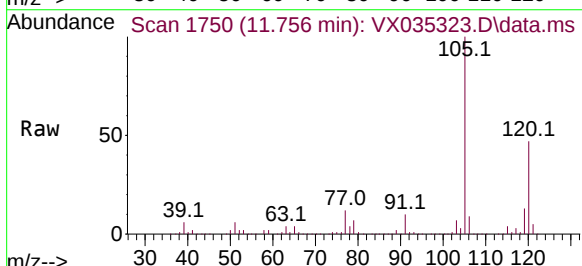
Tgt Ion:105 Resp: 671378
Ion Ratio Lower Upper
105 100
120 49.2 39.5 59.3

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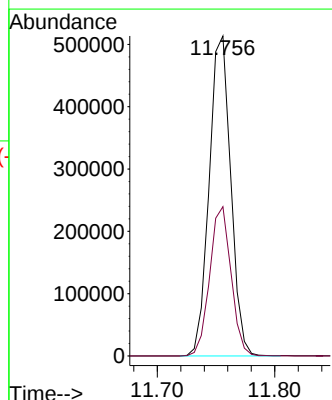
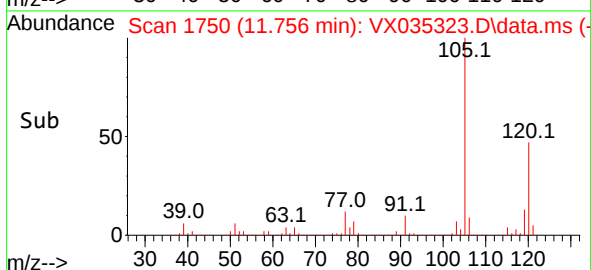
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023

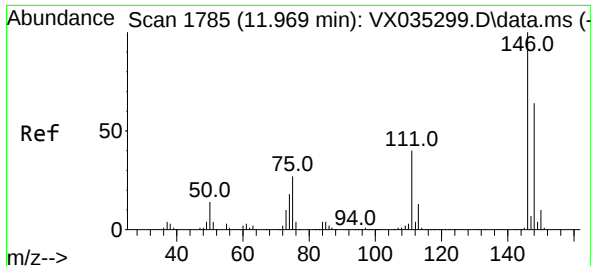


#63
1,2,4-Trimethylbenzene
Concen: 48.697 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03



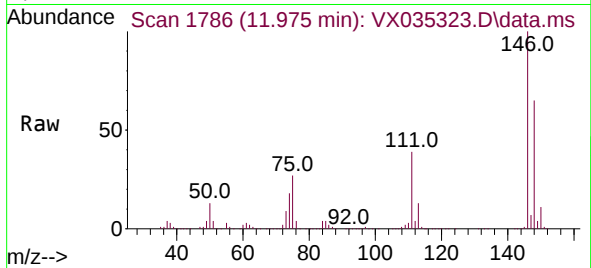
Tgt Ion:105 Resp: 655778
Ion Ratio Lower Upper
105 100
120 46.1 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 47.271 ug/L
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

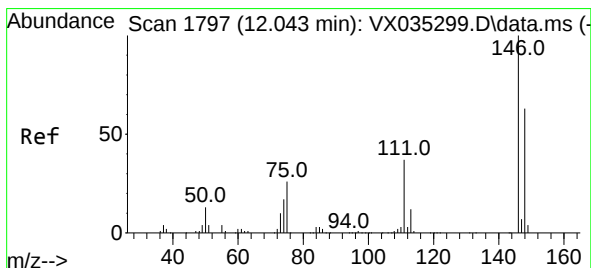
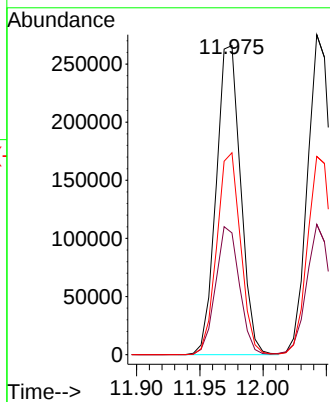
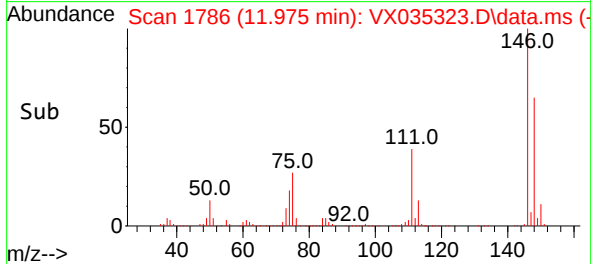
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



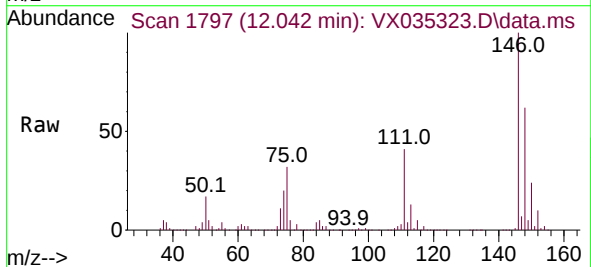
Tgt Ion:146 Resp: 35703
Ion Ratio Lower Upper
146 100
111 39.4 28.9 53.7
148 65.3 44.3 82.3

Manual Integrations
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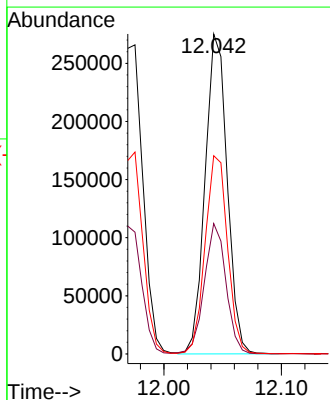
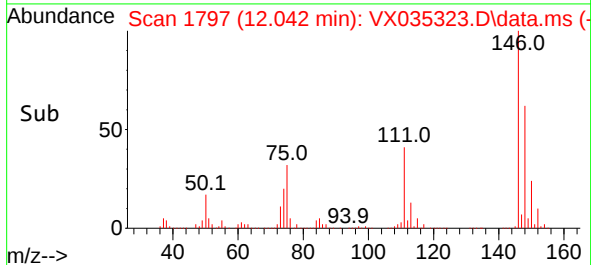
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023

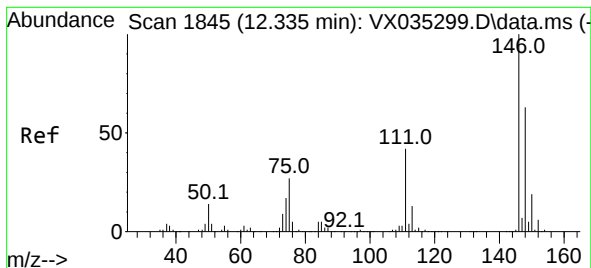


#65
1,4-Dichlorobenzene
Concen: 46.543 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03



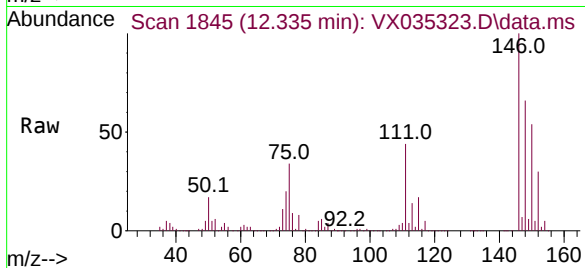
Tgt Ion:146 Resp: 359715
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.7
148 62.0 45.9 85.3





#67
1,2-Dichlorobenzene
Concen: 45.182 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

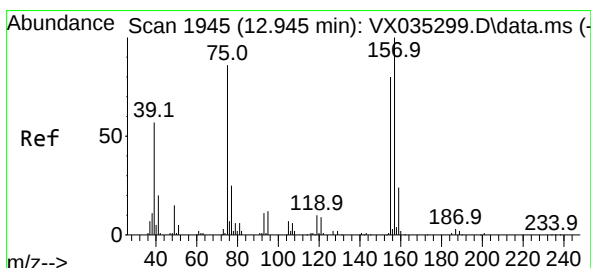
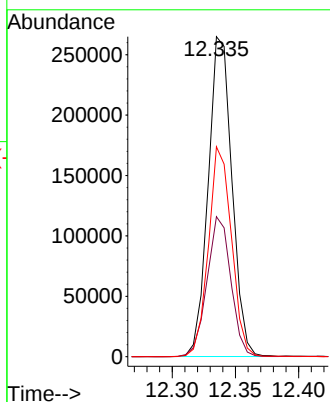
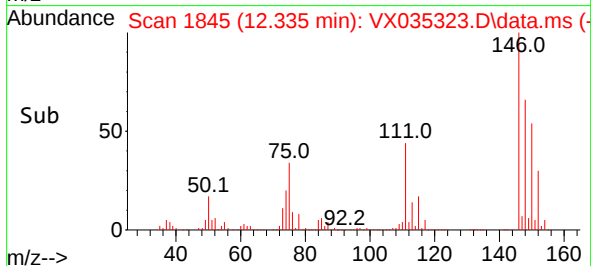
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



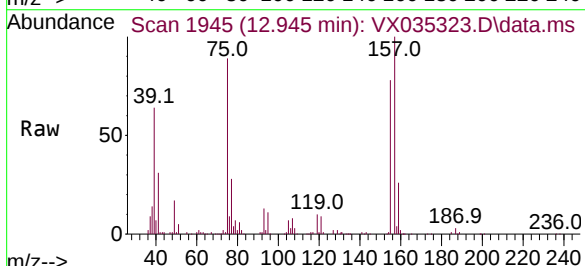
Tgt Ion:146 Resp: 34601
Ion Ratio Lower Upper
146 100
111 43.8 34.7 52.1
148 65.6 52.1 78.1

Manual Integrations
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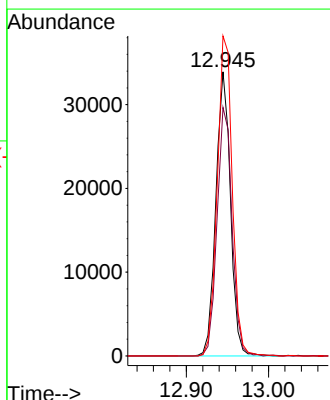
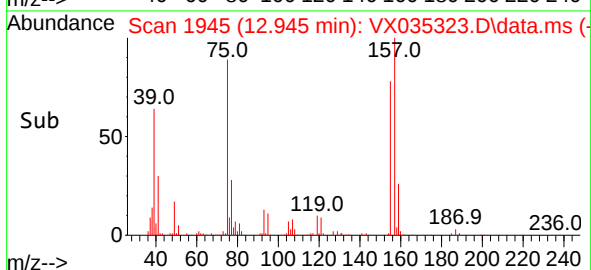
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023

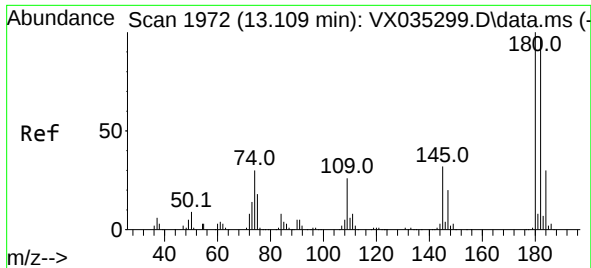


#68
1,2-Dibromo-3-chloropropane
Concen: 37.605 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03



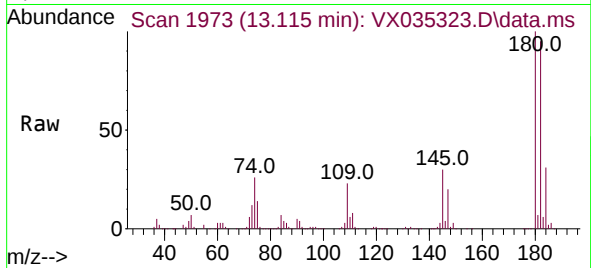
Tgt Ion: 75 Resp: 41724
Ion Ratio Lower Upper
75 100
155 87.4 69.9 104.9
157 112.6 90.4 135.6





#69
 1,3,5-Trichlorobenzene
 Concen: 55.533 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VX035323.D
 Acq: 26 Apr 2023 19:03

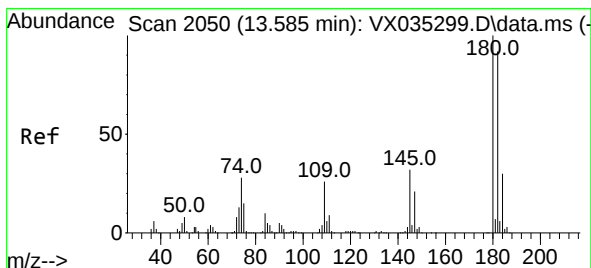
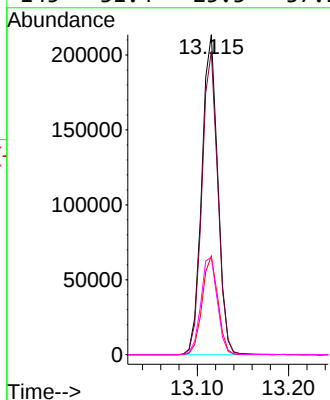
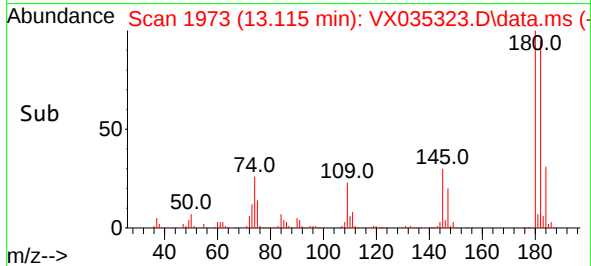
Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MS



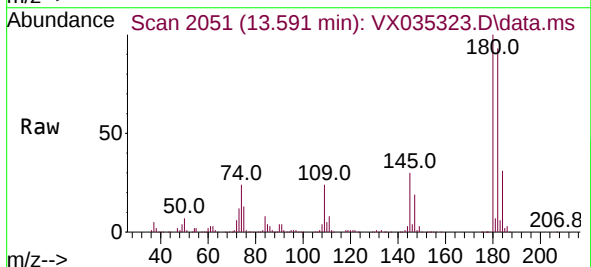
Tgt Ion:180 Resp: 259300
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.4 113.0
 184 30.3 23.8 35.8
 145 31.4 25.3 37.9

Manual Integrations
 APPROVED

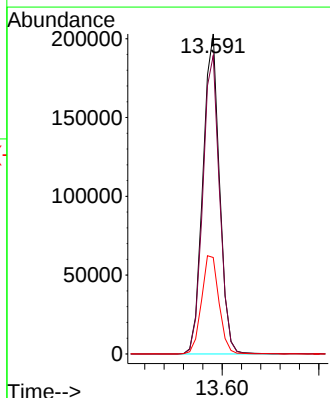
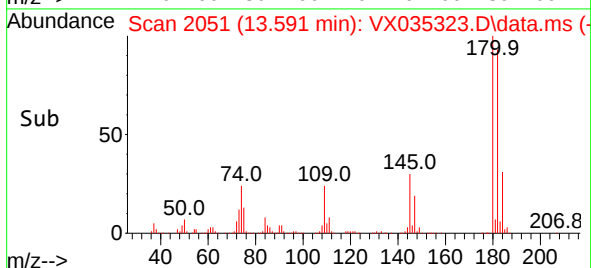
Reviewed By :John Carlone 04/27/2023
 Supervised By :Mahesh Dadoda 05/01/2023

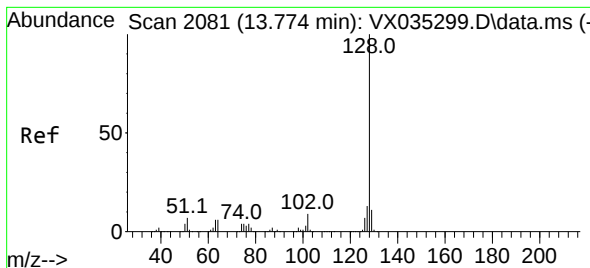


#70
 1,2,4-trichlorobenzene
 Concen: 55.493 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035323.D
 Acq: 26 Apr 2023 19:03



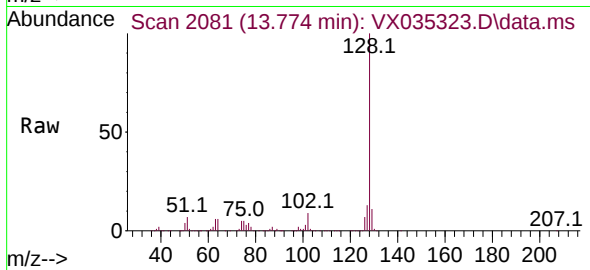
Tgt Ion:180 Resp: 242623
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.6 114.8
 145 32.3 26.2 39.4





#71
Naphthalene
Concen: 48.588 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03

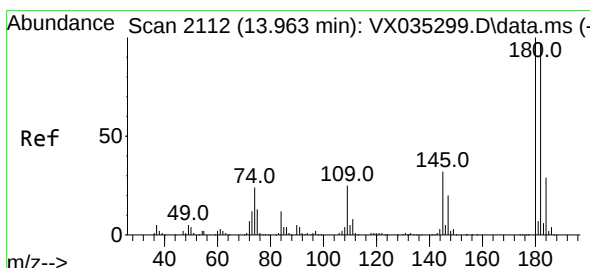
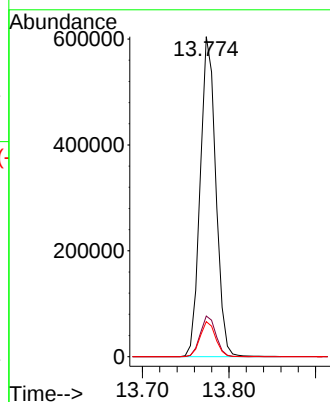
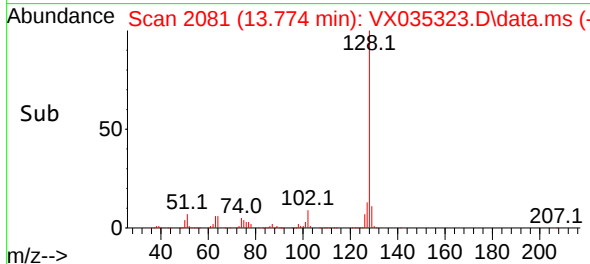
Instrument :
MSVOA_X
ClientSampleId :
EW925MS



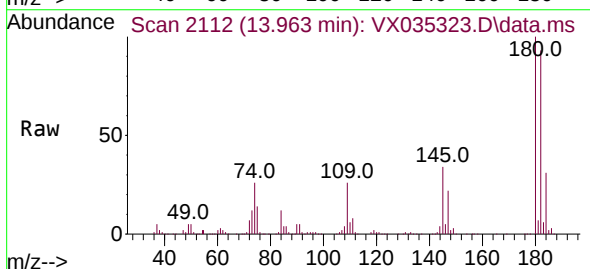
Tgt Ion:128 Resp: 75671
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023



#72
1,2,3-Trichlorobenzene
Concen: 54.594 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035323.D
Acq: 26 Apr 2023 19:03



Tgt Ion:180 Resp: 235641
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
145 34.0 27.1 40.7

