

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043918.D
 Acq On : 20 Nov 2024 17:20
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 21 05:48:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	194679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	353627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	249923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56508	18.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.800%#		
35) Dibromofluoromethane	5.379	113	44563	18.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.540%#		
50) Toluene-d8	8.647	98	144776	18.250	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.500%#		
62) 4-Bromofluorobenzene	11.079	95	45030	17.179	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	34.360%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	38216	19.400	ug/l	96
3) Chloromethane	1.295	50	48998	19.902	ug/l	97
4) Vinyl Chloride	1.374	62	50506	20.418	ug/l	99
5) Bromomethane	1.593	94	22368	19.907	ug/l	97
6) Chloroethane	1.666	64	27960	23.666	ug/l	96
7) Trichlorofluoromethane	1.868	101	73403	20.814	ug/l	98
8) Diethyl Ether	2.130	74	27453	20.648	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	45518	21.810	ug/l	98
10) Methyl Iodide	2.447	142	63277	21.543	ug/l	99
11) Tert butyl alcohol	2.989	59	46173	97.102	ug/l	99
12) 1,1-Dichloroethene	2.307	96	44752	22.094	ug/l	99
13) Acrolein	2.240	56	50615	94.912	ug/l	98
14) Allyl chloride	2.654	41	69526	21.171	ug/l	98
15) Acrylonitrile	3.069	53	127965	104.542	ug/l	99
16) Acetone	2.386	43	124363	103.547	ug/l	100
17) Carbon Disulfide	2.502	76	83196	18.811	ug/l	98
18) Methyl Acetate	2.703	43	67374	20.485	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	156692	20.929	ug/l	96
20) Methylene Chloride	2.782	84	51256	20.389	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	44853	20.311	ug/l	98
22) Diisopropyl ether	3.758	45	151315	21.090	ug/l #	85
23) Vinyl Acetate	3.721	43	625436	107.546	ug/l	99
24) 1,1-Dichloroethane	3.605	63	89404	21.187	ug/l	99
25) 2-Butanone	4.568	43	179109	106.603	ug/l	98
26) 2,2-Dichloropropane	4.471	77	71956	20.751	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	58078	21.134	ug/l	98
28) Bromochloromethane	4.898	49	31834	17.929	ug/l	99
29) Tetrahydrofuran	5.007	42	115292	106.194	ug/l	100
30) Chloroform	5.087	83	95116	21.624	ug/l	99
31) Cyclohexane	5.458	56	70410	20.588	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	78200	20.797	ug/l	99
36) 1,1-Dichloropropene	5.684	75	59742	20.188	ug/l	98
37) Ethyl Acetate	4.715	43	68653	20.415	ug/l	100
38) Carbon Tetrachloride	5.666	117	63662	20.319	ug/l	97
39) Methylcyclohexane	7.373	83	76667	20.694	ug/l	97
40) Benzene	6.032	78	197599	21.238	ug/l	95

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36597	21.085	ug/l	96
42) 1,2-Dichloroethane	6.086	62	71109	21.048	ug/l	99
43) Isopropyl Acetate	6.342	43	110721	21.073	ug/l	98
44) Trichloroethene	7.123	130	48417	18.876	ug/l	97
45) 1,2-Dichloropropane	7.428	63	47559	20.856	ug/l	94
46) Dibromomethane	7.580	93	36080	20.997	ug/l	99
47) Bromodichloromethane	7.824	83	63259	20.952	ug/l	97
48) Methyl methacrylate	7.696	41	51632	19.827	ug/l	98
49) 1,4-Dioxane	7.665	88	25038m	452.711	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	341659	104.289	ug/l	95
52) Toluene	8.714	92	107872	20.096	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	58220	19.005	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	74481	21.456	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	40777	19.470	ug/l	99
56) Ethyl methacrylate	9.116	69	64851	19.557	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	71674	20.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	171269	98.488	ug/l	99
59) 2-Hexanone	9.433	43	241707	104.569	ug/l	93
60) Dibromochloromethane	9.519	129	41474	20.323	ug/l	98
61) 1,2-Dibromoethane	9.610	107	45137	20.661	ug/l	97
64) Tetrachloroethene	9.269	164	34214	21.343	ug/l	95
65) Chlorobenzene	10.080	112	109205	20.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	36813	21.188	ug/l	98
67) Ethyl Benzene	10.189	91	192083	21.863	ug/l	98
68) m/p-Xylenes	10.299	106	143828	43.952	ug/l	93
69) o-Xylene	10.640	106	67871	21.257	ug/l	96
70) Styrene	10.653	104	111637	21.216	ug/l	97
71) Bromoform	10.799	173	21953	18.033	ug/l #	96
73) Isopropylbenzene	10.964	105	175301	21.702	ug/l	99
74) N-amyl acetate	10.842	43	78187	20.685	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	59409	21.753	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	51164m	22.154	ug/l	
77) Bromobenzene	11.195	156	43740	22.095	ug/l	98
78) n-propylbenzene	11.305	91	199947	22.434	ug/l	100
79) 2-Chlorotoluene	11.360	91	126252	22.262	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	150918	22.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15706	20.604	ug/l #	85
82) 4-Chlorotoluene	11.451	91	141119	21.607	ug/l	99
83) tert-Butylbenzene	11.713	119	147648	21.558	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	150365	22.114	ug/l	98
85) sec-Butylbenzene	11.890	105	176678	21.602	ug/l	99
86) p-Isopropyltoluene	12.006	119	148333	21.599	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	75543	20.590	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	78274	20.810	ug/l	98
89) n-Butylbenzene	12.329	91	121223	20.716	ug/l	99
90) Hexachloroethane	12.536	117	22673	18.812	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	77846	20.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10665	18.215	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	43905	19.557	ug/l	97
94) Hexachlorobutadiene	13.725	225	18639	20.260	ug/l	98
95) Naphthalene	13.774	128	165605	19.784	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46852	20.031	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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

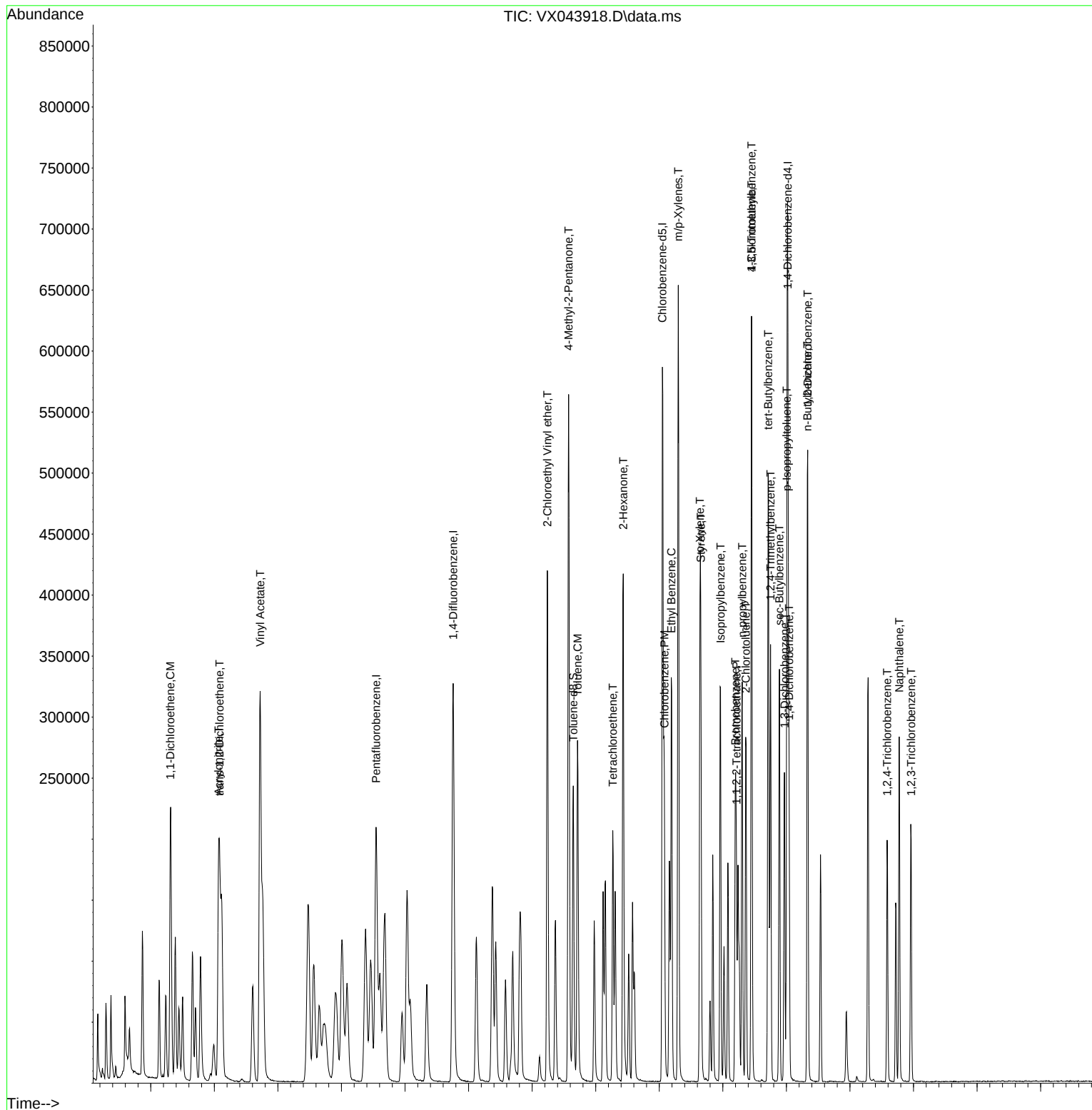
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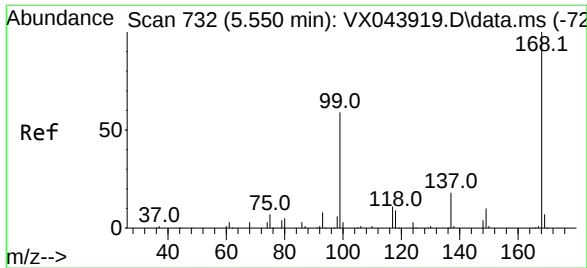
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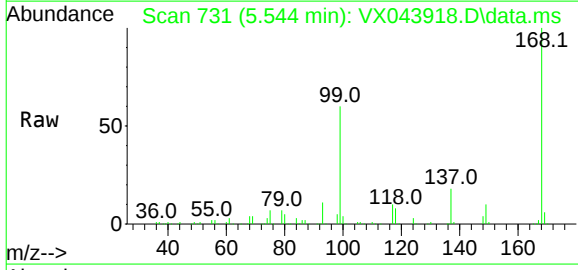
Reviewed By : John Carlone 11/21/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX043918.D
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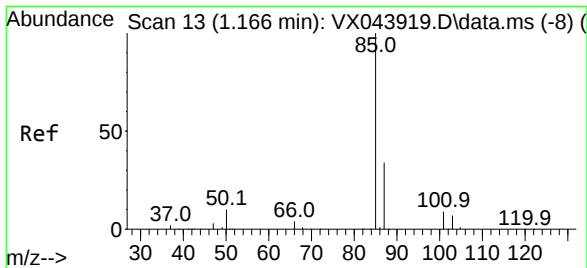
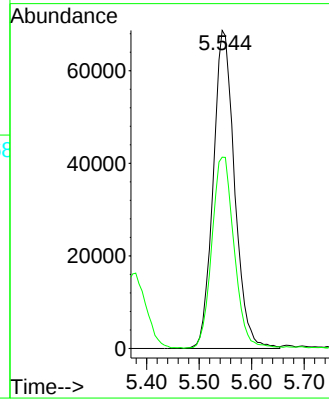
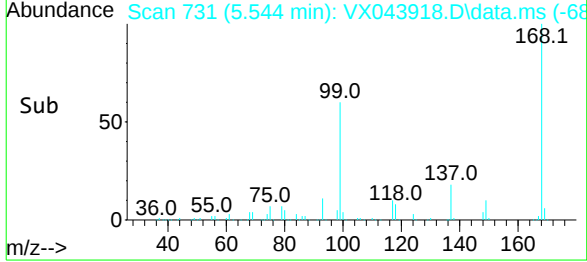
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 168 Resp: 194679
Ion Ratio Lower Upper
168 100
99 59.9 46.9 70.3

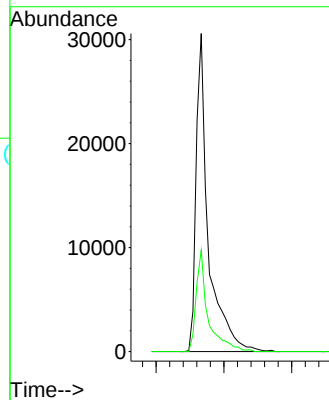
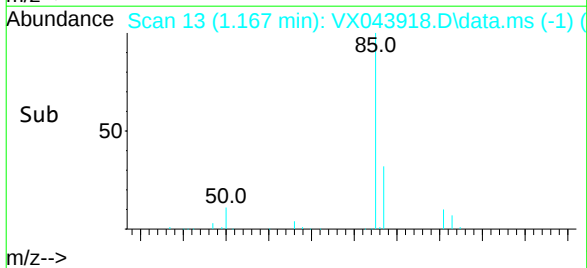
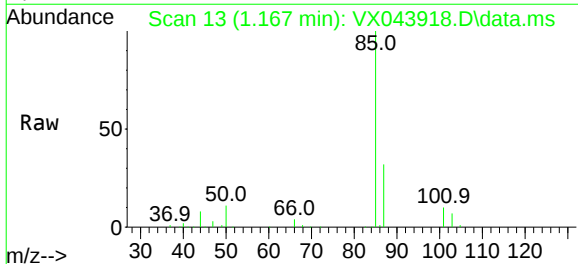
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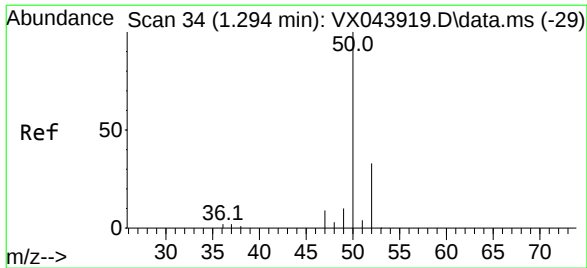
Reviewed By : John Carlone 11/21/2024
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#2
Dichlorodifluoromethane
Concen: 19.400 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 85 Resp: 38216
Ion Ratio Lower Upper
85 100
87 31.9 17.1 51.2





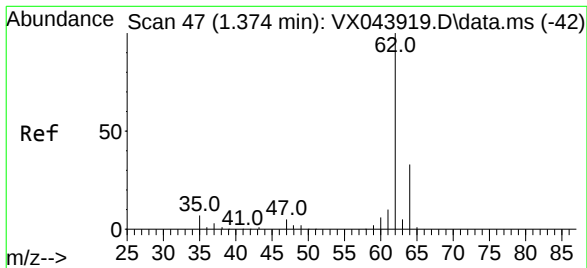
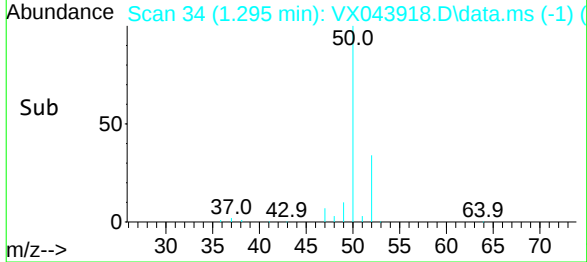
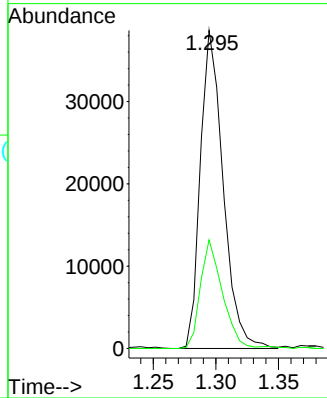
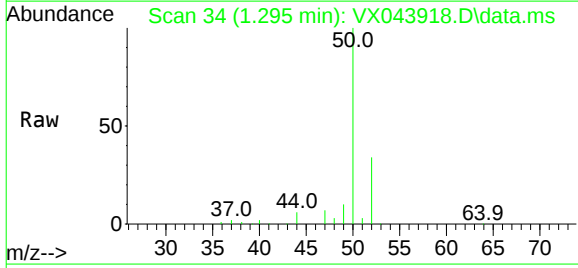
#3
Chloromethane
Concen: 19.902 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 48998
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2

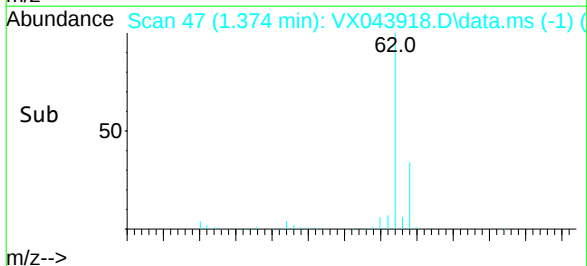
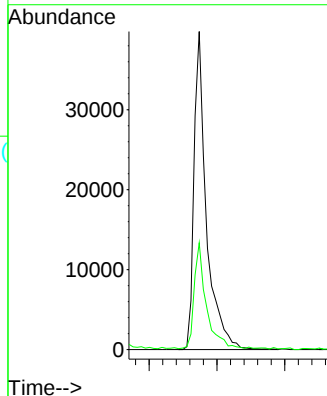
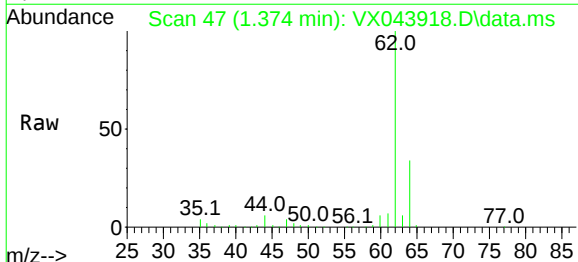
Manual Integrations
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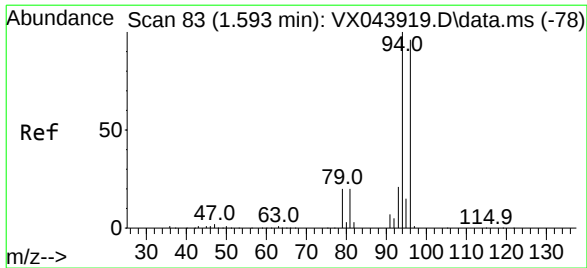
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 20.418 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 62 Resp: 50506
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1





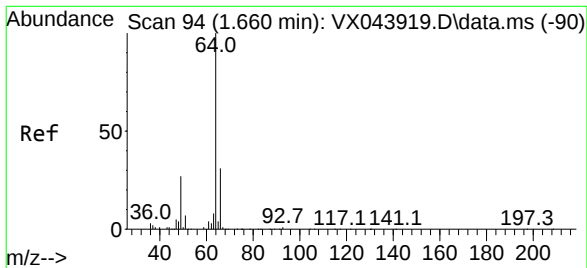
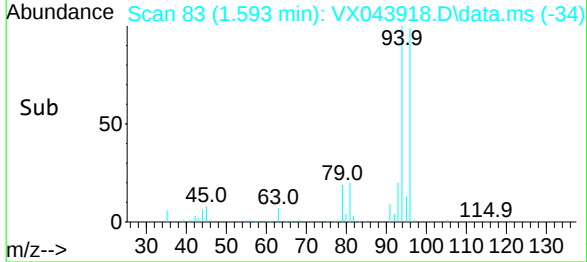
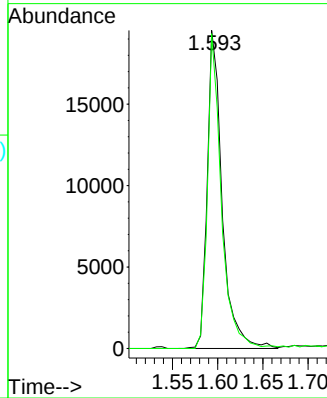
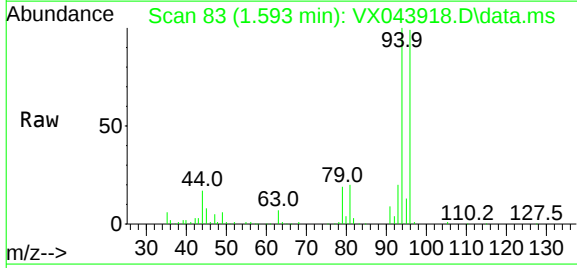
#5
Bromomethane
Concen: 19.907 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 22368
Ion Ratio Lower Upper
94 100
96 99.0 76.5 114.7

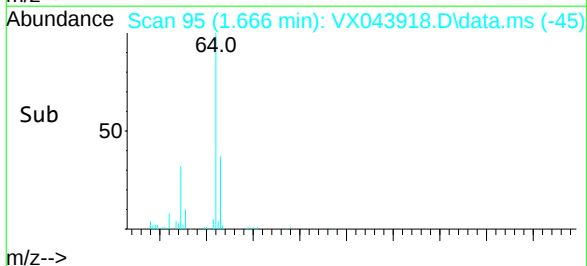
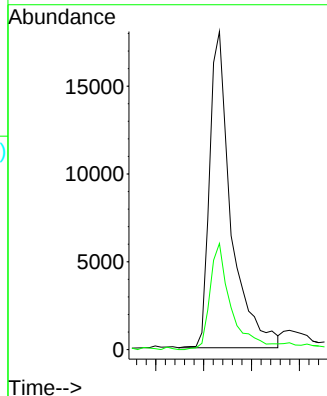
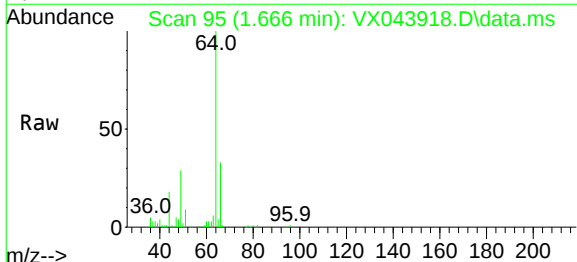
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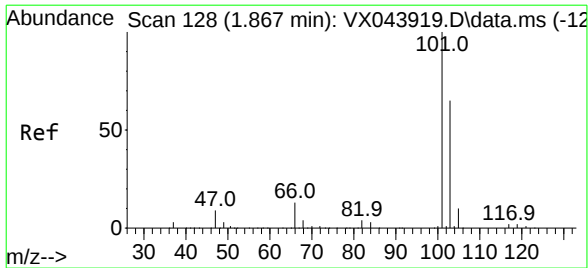
Reviewed By :John Carlone 11/21/2024
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#6
Chloroethane
Concen: 23.666 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 64 Resp: 27960
Ion Ratio Lower Upper
64 100
66 33.6 24.9 37.3





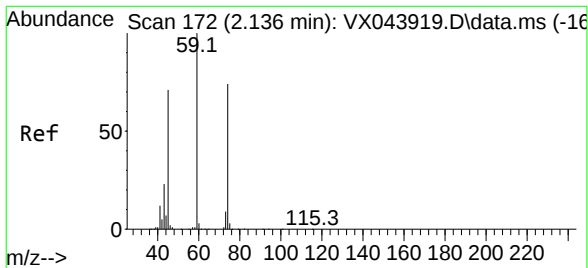
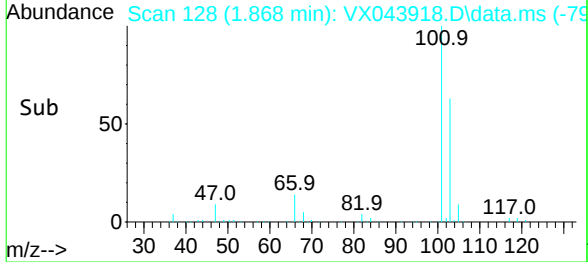
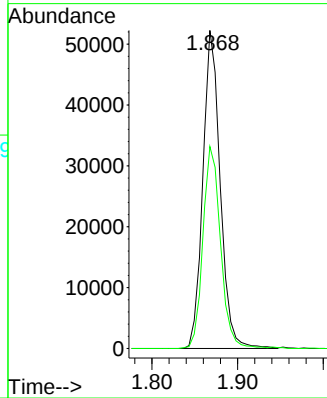
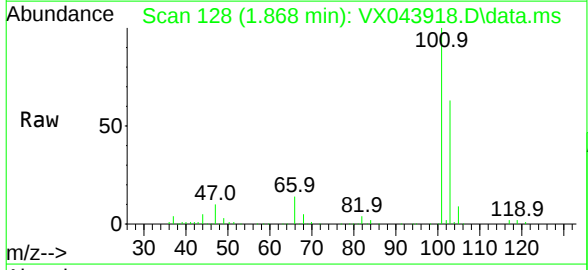
Trichlorofluoromethane
 Concen: 20.814 ug/l
 RT: 1.868 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VX043918.D
 Acq: 20 Nov 2024 17:20

Instrument :
 MSVOA_X
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 VSTDIC020

Tgt Ion: 101 Resp: 73403
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.4

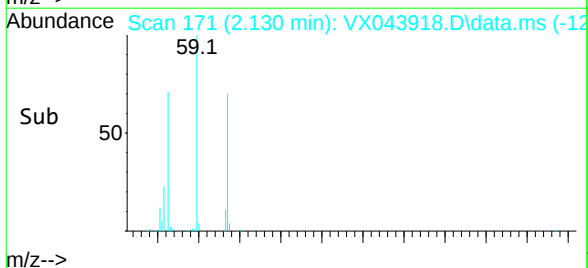
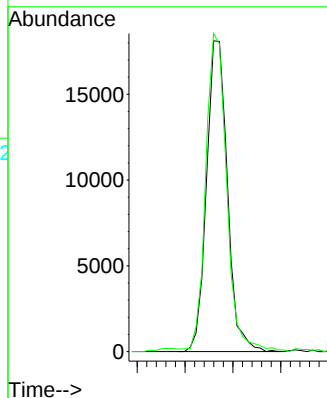
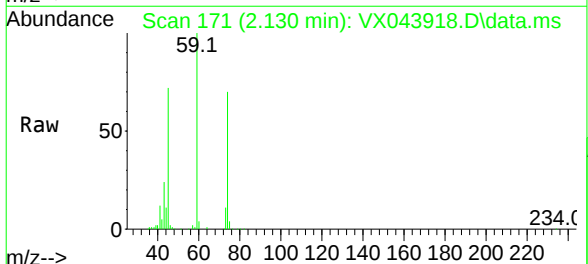
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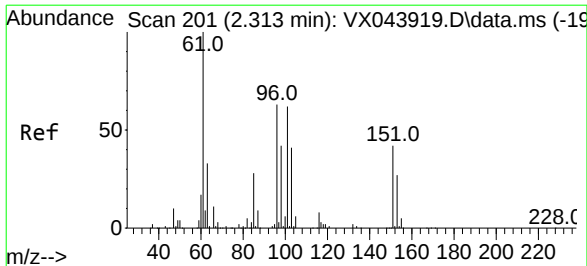
Reviewed By : John Carlone 11/21/2024
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Diethyl Ether
 Concen: 20.648 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX043918.D
 Acq: 20 Nov 2024 17:20

Tgt Ion: 74 Resp: 27453
 Ion Ratio Lower Upper
 74 100
 45 102.9 49.9 149.6





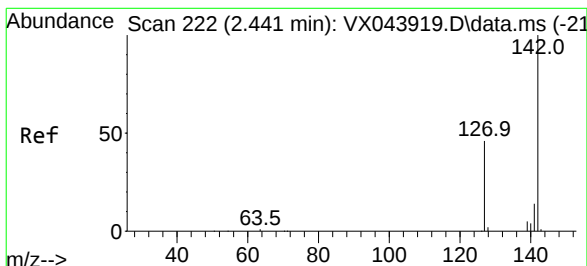
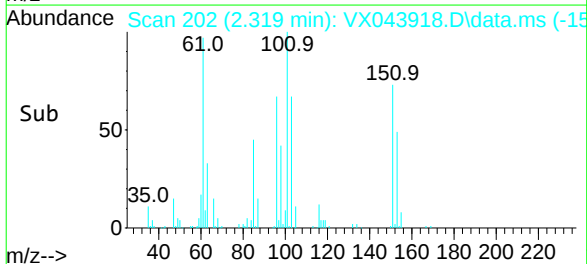
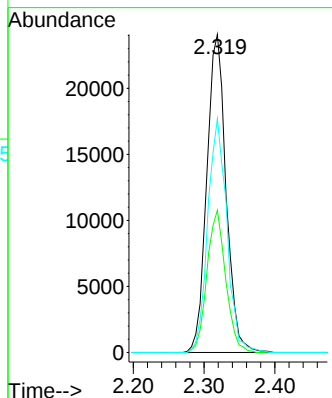
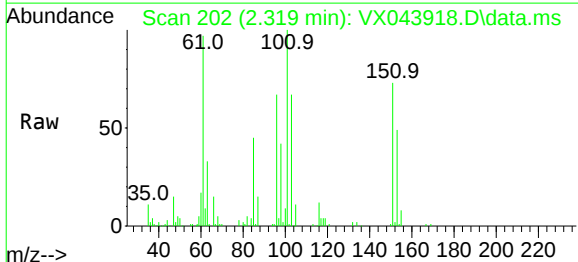
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.810 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion	101	Resp	45518
Ion Ratio	100	Lower	Upper
101	100		
85	43.5	36.6	54.8
151	73.1	59.8	89.6

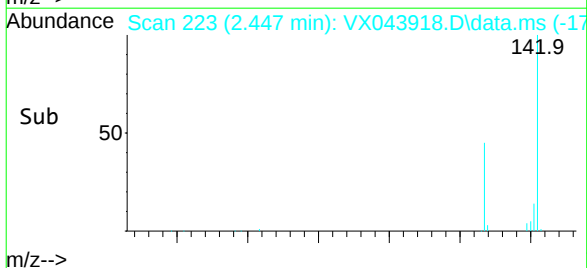
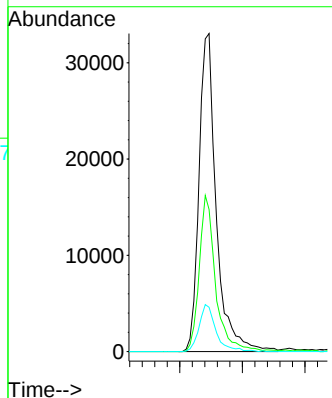
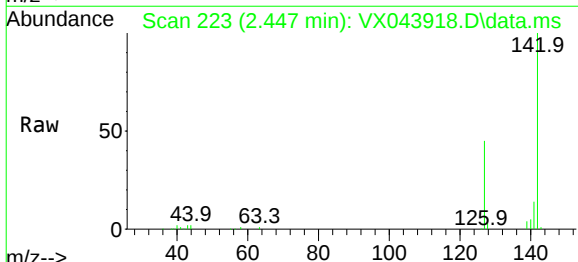
Manual Integrations
APPROVED

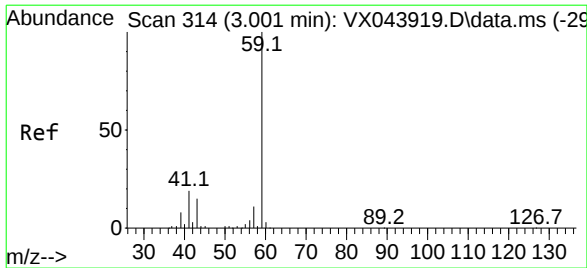
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 21.543 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion	142	Resp	63277
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
142	100		
127	46.2	37.3	55.9
141	14.6	11.4	17.2





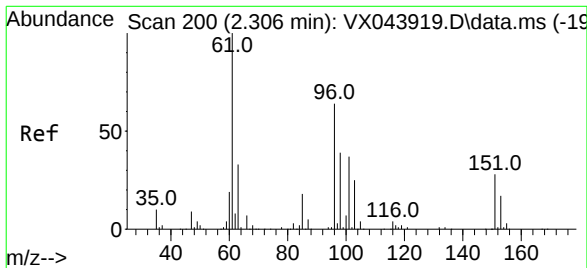
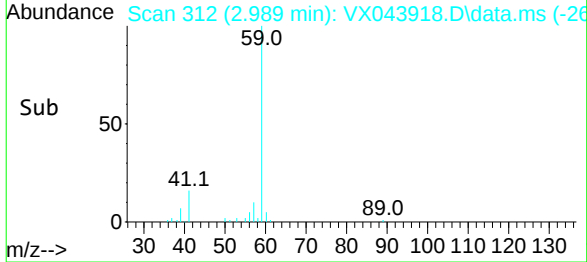
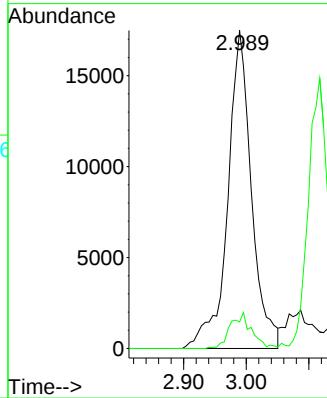
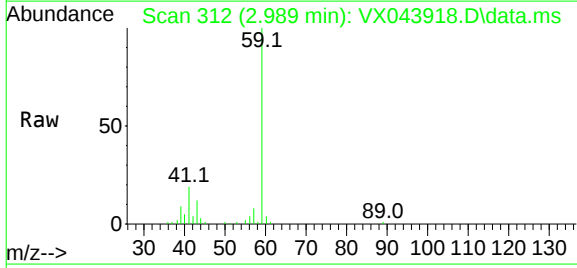
#11
Tert butyl alcohol
Concen: 97.102 ug/l
RT: 2.989 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 46173
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

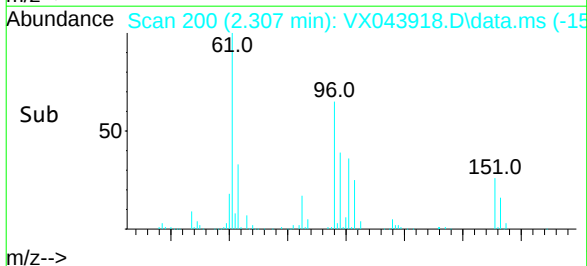
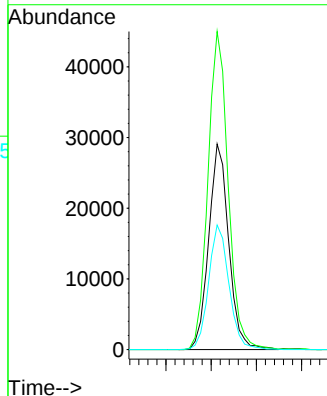
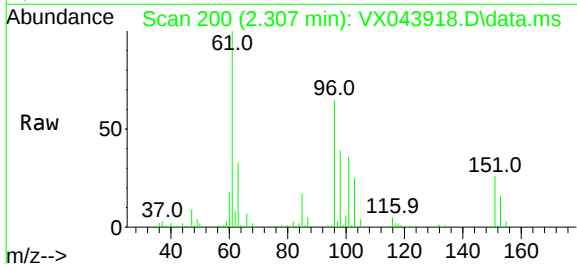
Manual Integrations
APPROVED

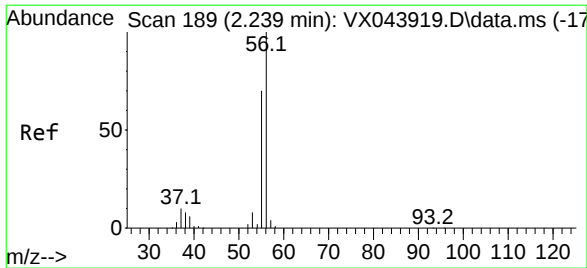
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
1,1-Dichloroethene
Concen: 22.094 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 96 Resp: 44752
Ion Ratio Lower Upper
96 100
61 154.7 124.6 187.0
98 60.6 49.0 73.6





#13

Acrolein

Concen: 94.912 ug/l

RT: 2.240 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 50615

Ion Ratio Lower Upper

56 100

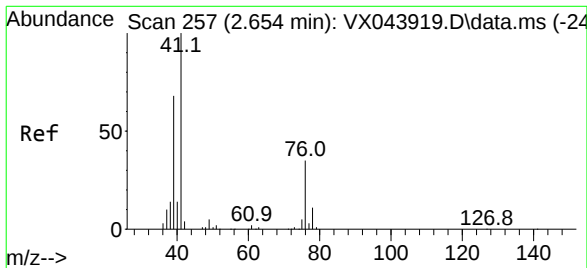
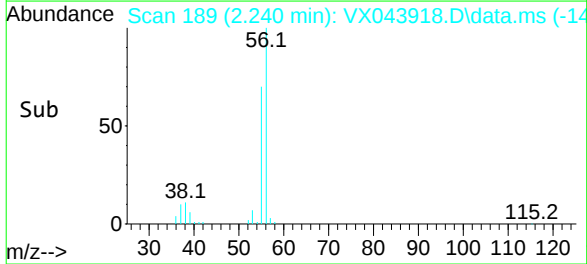
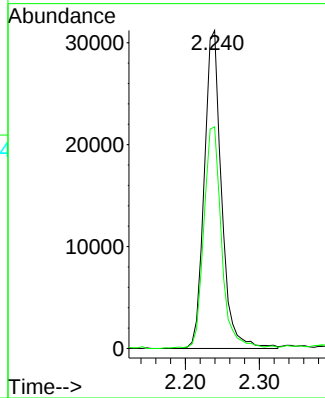
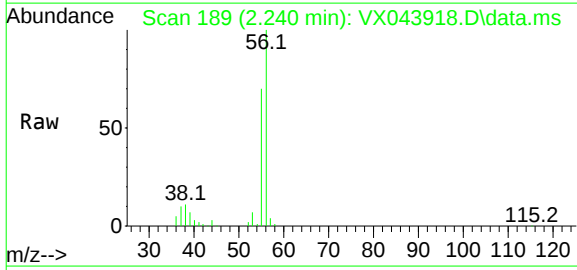
55 71.4 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#14

Allyl chloride

Concen: 21.171 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

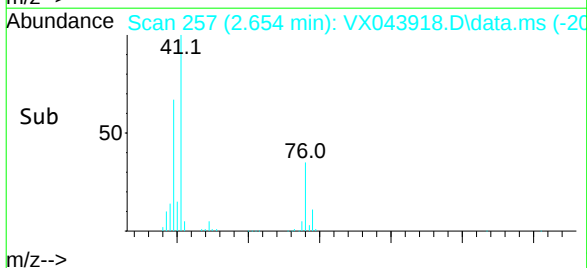
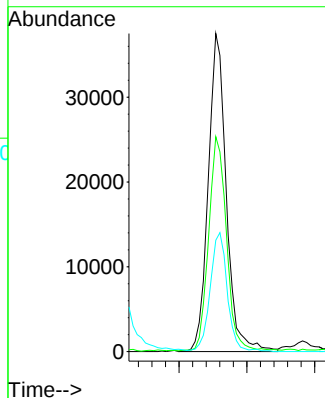
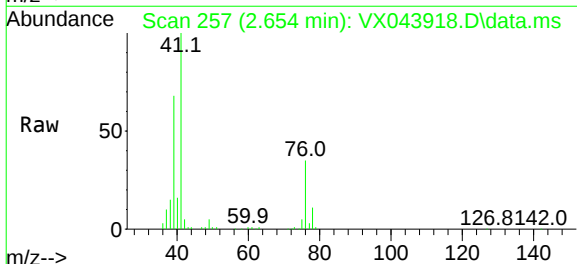
Tgt Ion: 41 Resp: 69526

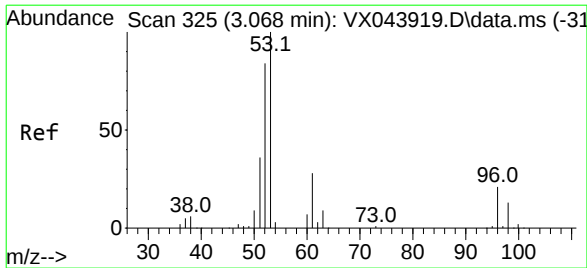
Ion Ratio Lower Upper

41 100

39 66.2 51.7 77.5

76 35.5 28.2 42.2





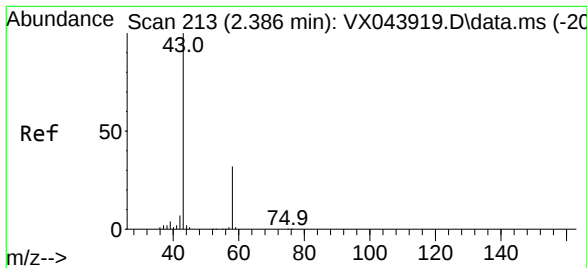
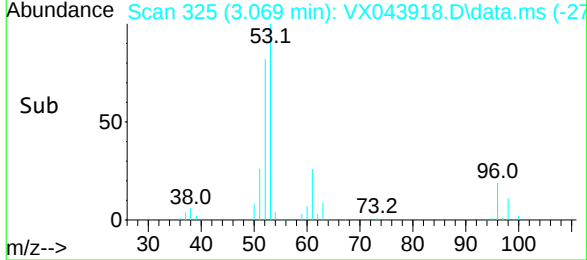
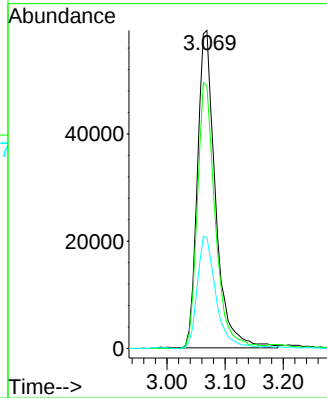
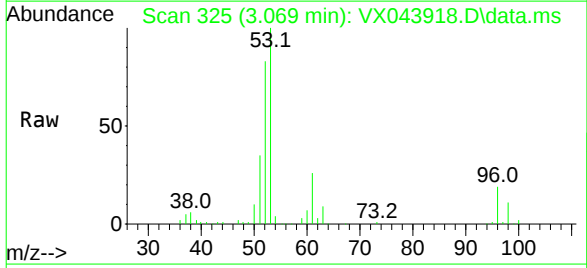
#15
Acrylonitrile
Concen: 104.542 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 127965
Ion Ratio Lower Upper
53 100
52 83.0 65.8 98.8
51 36.5 28.6 42.8

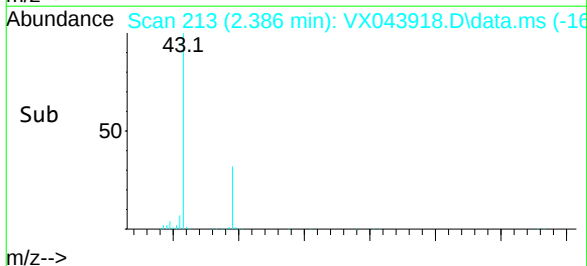
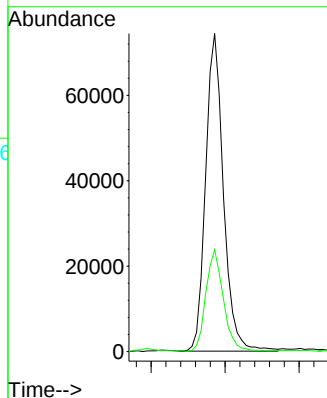
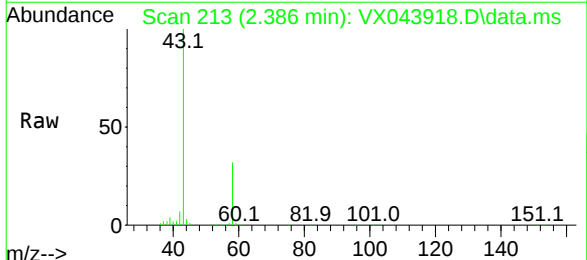
Manual Integrations
APPROVED

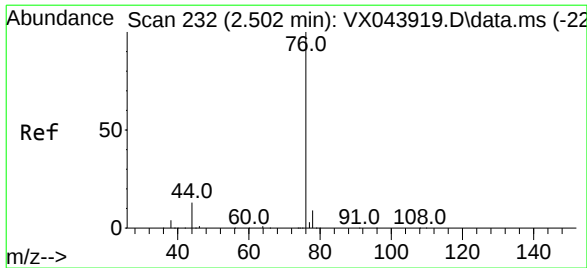
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 103.547 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 43 Resp: 124363
Ion Ratio Lower Upper
43 100
58 32.0 25.8 38.6





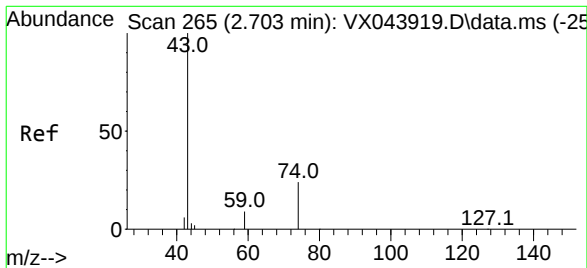
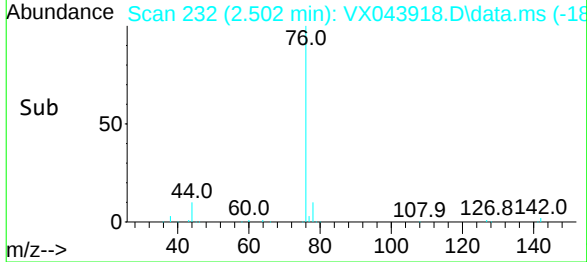
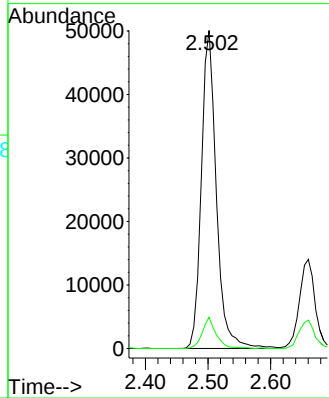
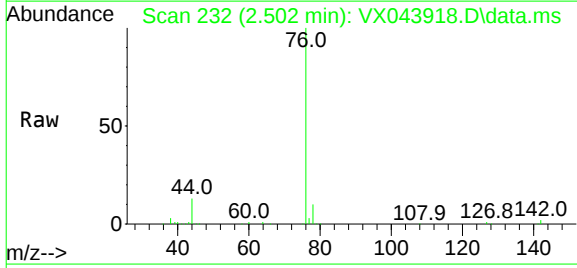
#17
Carbon Disulfide
Concen: 18.811 ug/l
RT: 2.502 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 83196
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

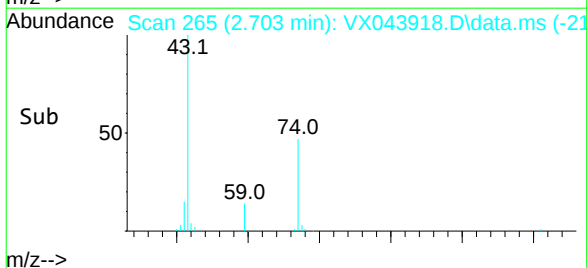
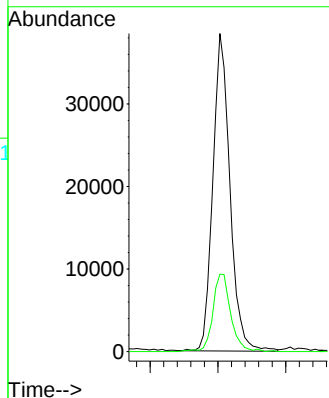
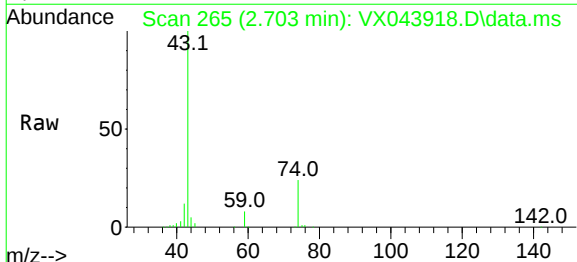
Manual Integrations
APPROVED

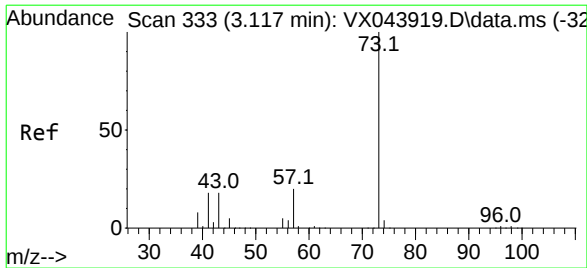
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 20.485 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

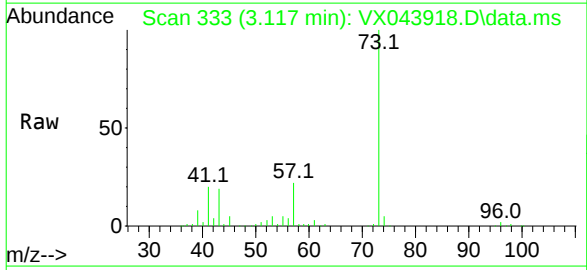
Tgt Ion: 43 Resp: 67374
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 20.929 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

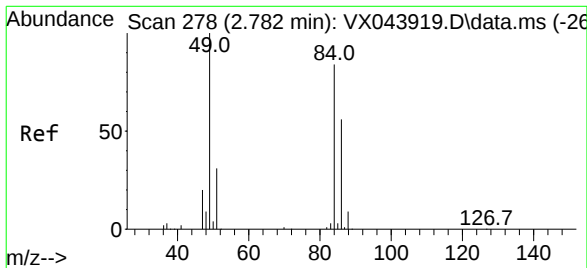
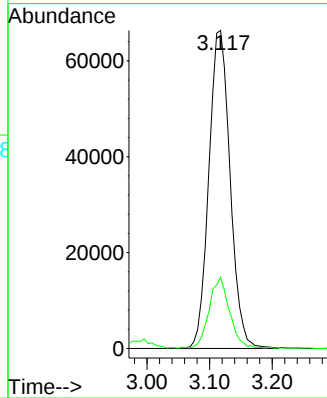
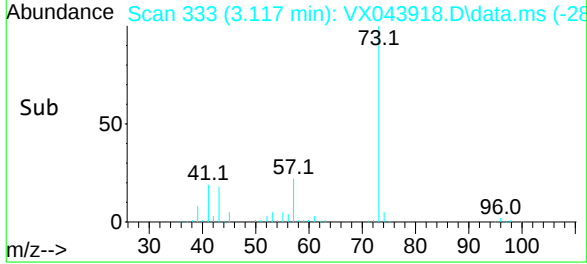
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



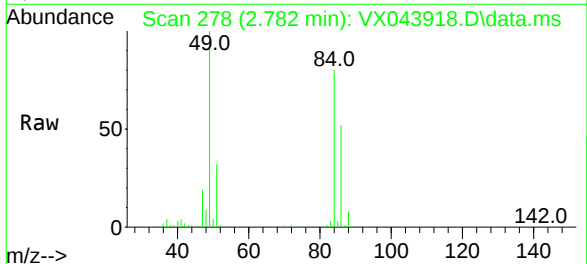
Tgt Ion: 73 Resp: 156692
Ion Ratio Lower Upper
73 100
57 22.3 16.4 24.6

Manual Integrations
APPROVED

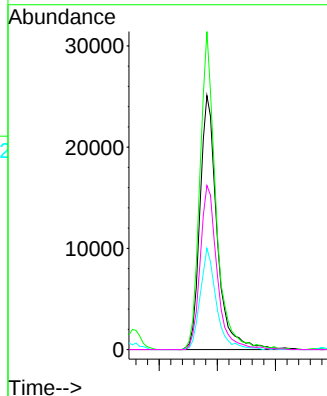
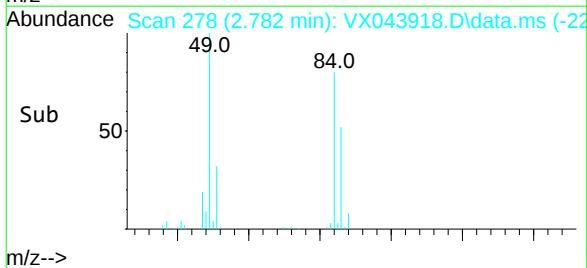
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

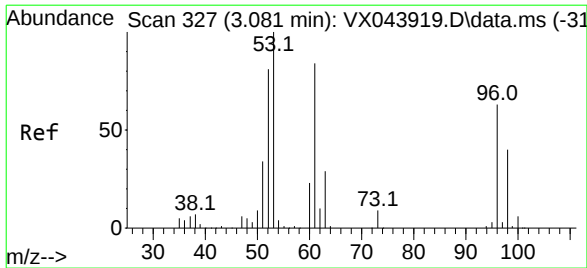


#20
Methylene Chloride
Concen: 20.389 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20



Tgt Ion: 84 Resp: 51256
Ion Ratio Lower Upper
84 100
49 125.2 95.1 142.7
51 39.9 29.2 43.8
86 64.6 53.4 80.0





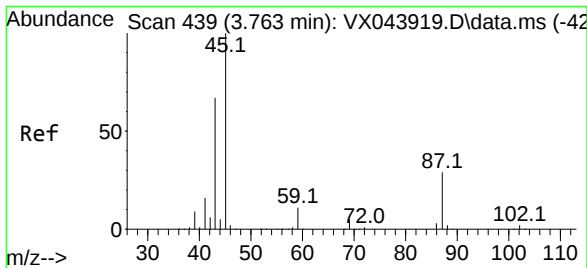
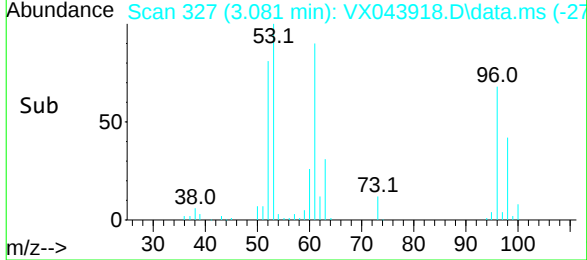
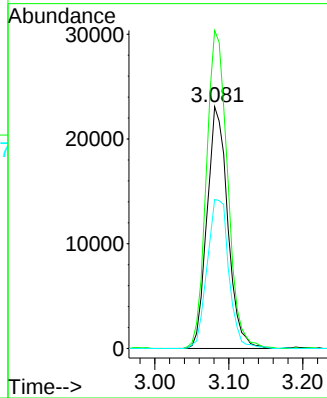
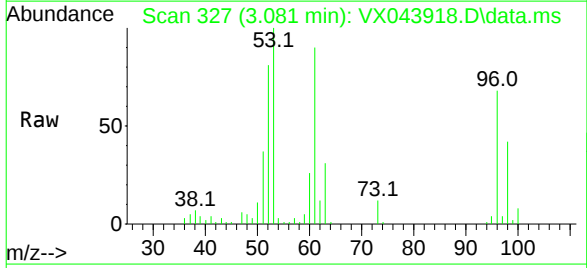
#21
trans-1,2-Dichloroethene
Concen: 20.311 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 44853
Ion Ratio Lower Upper
96 100
61 131.5 106.4 159.6
98 61.6 50.9 76.3

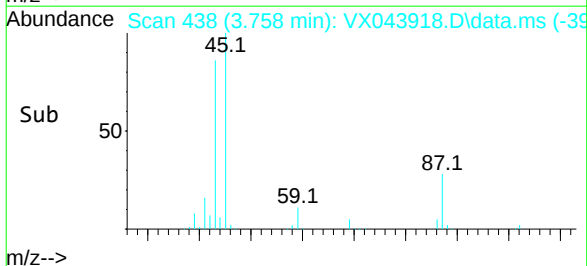
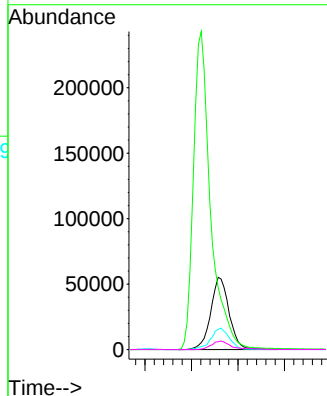
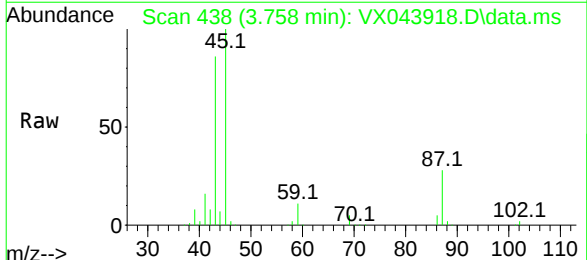
Manual Integrations
APPROVED

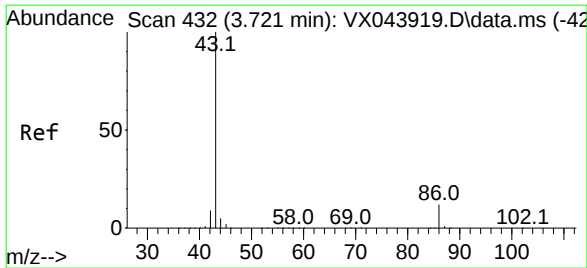
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
Diisopropyl ether
Concen: 21.090 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 45 Resp: 151315
Ion Ratio Lower Upper
45 100
43 85.3 53.8 80.6#
87 27.9 23.4 35.2
59 10.9 9.2 13.8





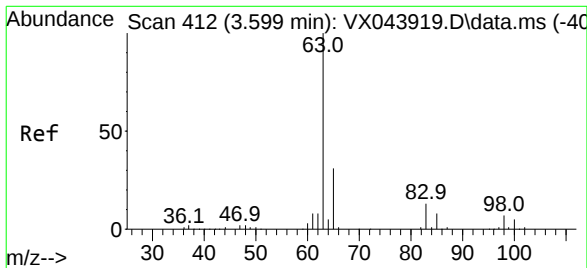
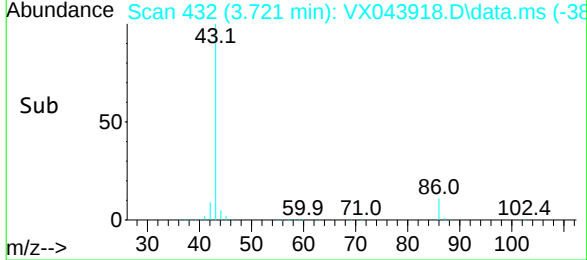
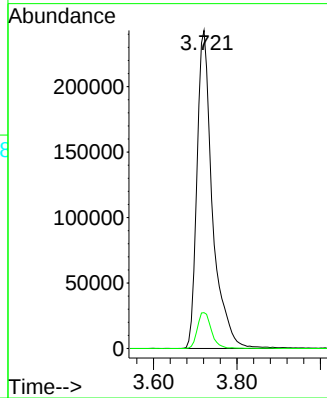
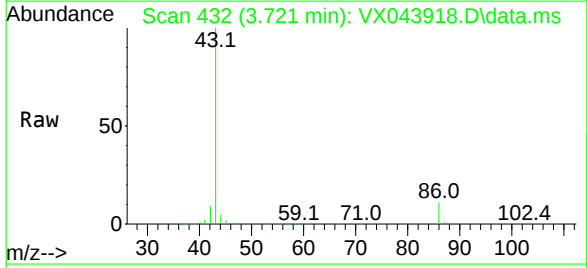
#23
 Vinyl Acetate
 Concen: 107.546 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VX043918.D
 Acq: 20 Nov 2024 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 625436
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.0

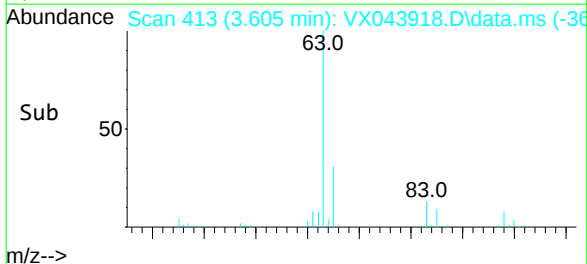
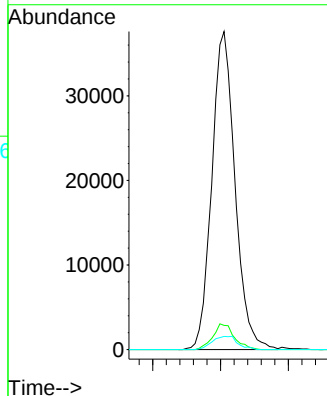
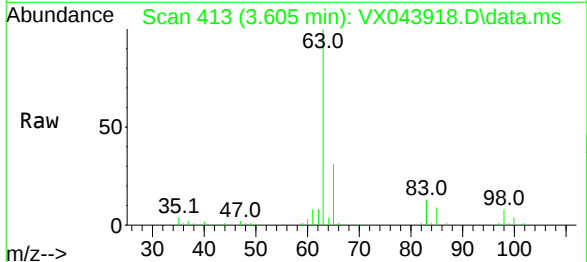
Manual Integrations
 APPROVED

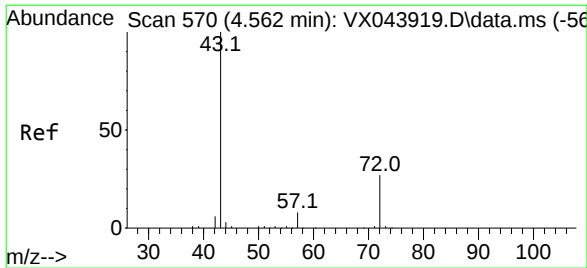
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 21.187 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX043918.D
 Acq: 20 Nov 2024 17:20

Tgt Ion: 63 Resp: 89404
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.1 2.4 7.2





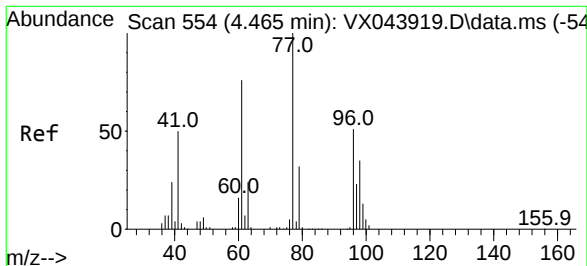
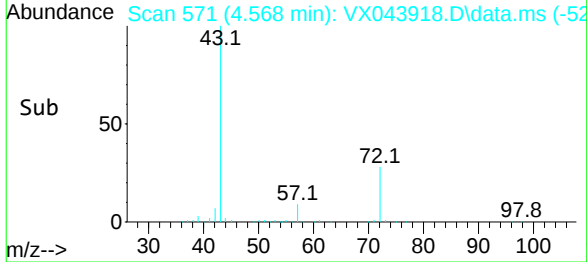
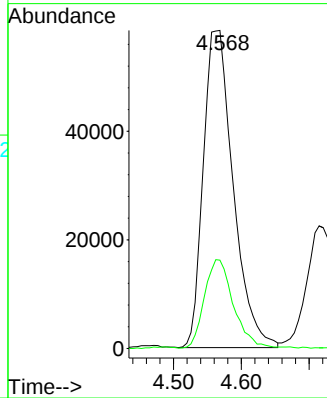
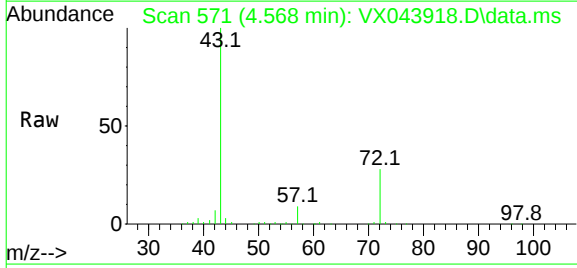
#25
2-Butanone
Concen: 106.603 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 179109
Ion Ratio Lower Upper
43 100
72 27.7 21.3 31.9

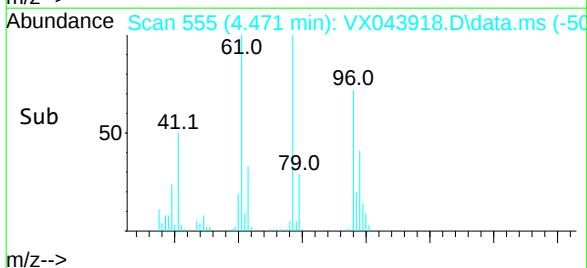
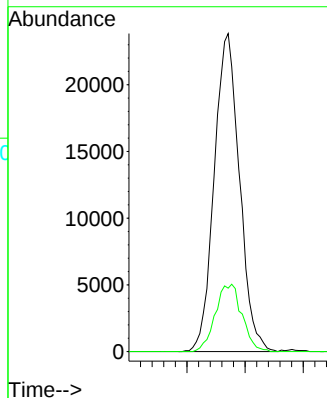
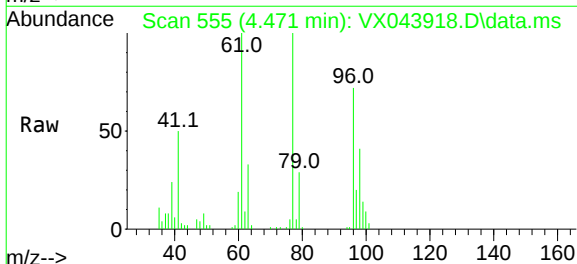
Manual Integrations
APPROVED

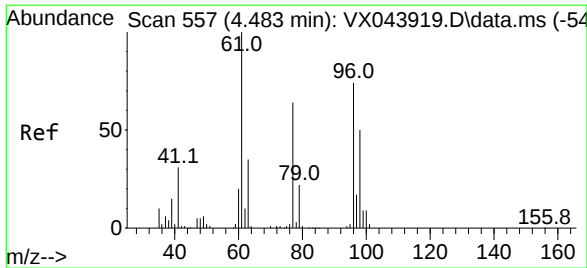
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 20.751 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

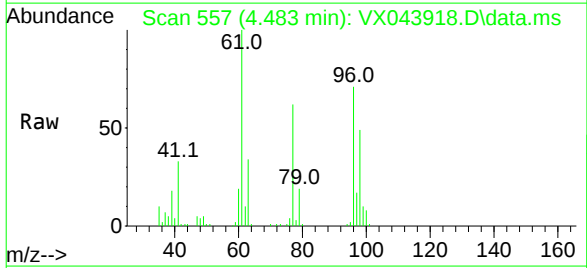
Tgt Ion: 77 Resp: 71956
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 21.134 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

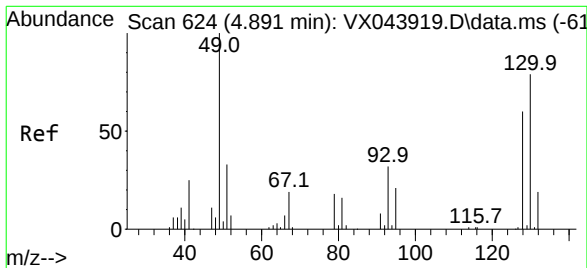
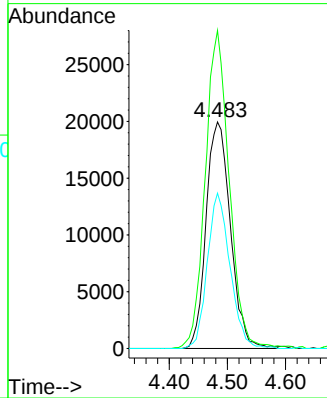
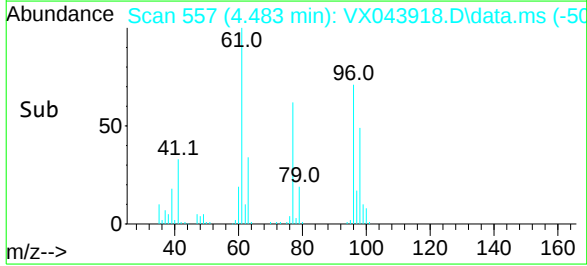
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 58078
Ion Ratio Lower Upper
96 100
61 138.4 0.0 279.4
98 63.9 0.0 131.6

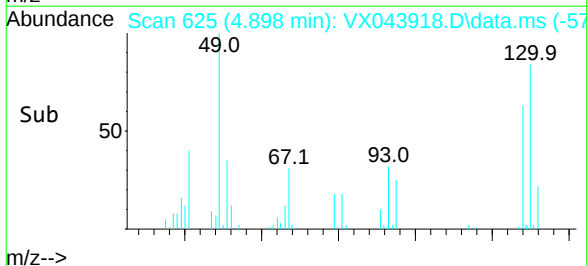
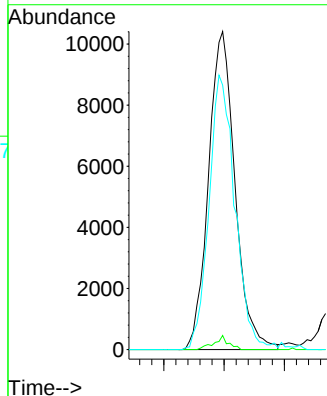
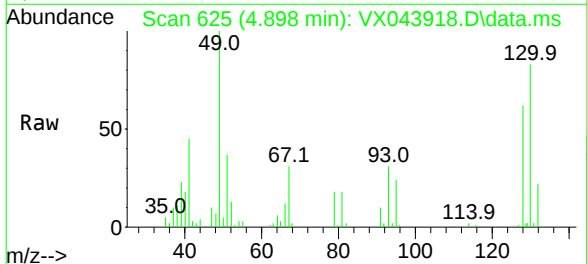
Manual Integrations
APPROVED

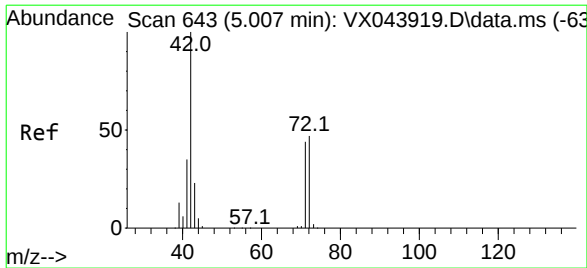
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#28
Bromochloromethane
Concen: 17.929 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 49 Resp: 31834
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 84.2 68.2 102.2





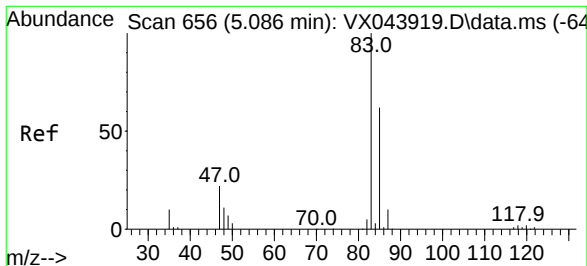
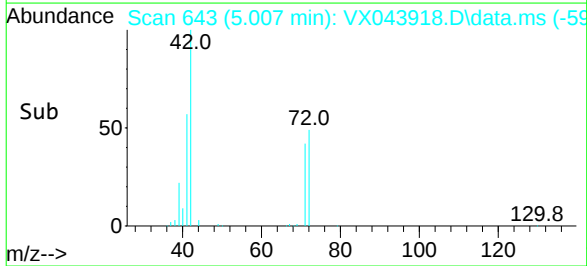
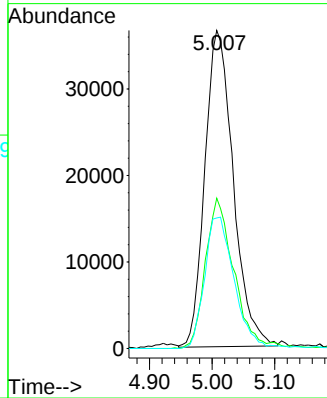
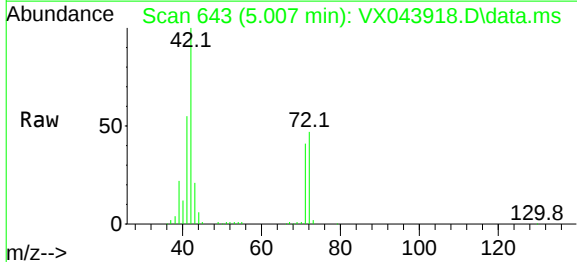
#29
Tetrahydrofuran
Concen: 106.194 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 115292
Ion Ratio Lower Upper
42 100
72 47.6 37.9 56.9
71 43.3 34.8 52.2

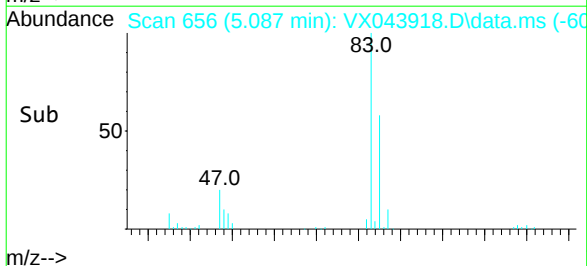
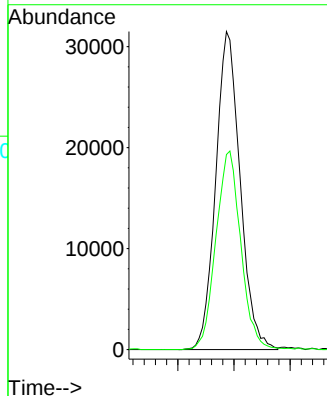
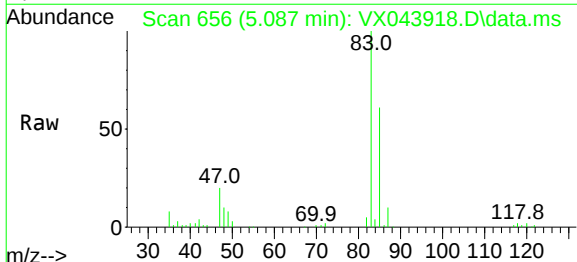
Manual Integrations
APPROVED

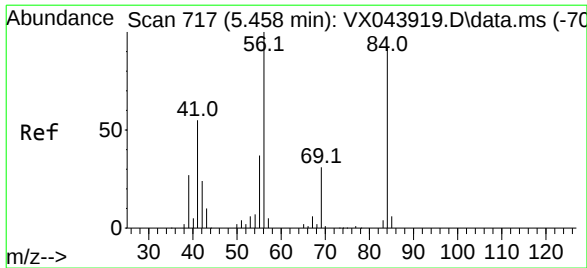
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 21.624 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 83 Resp: 95116
Ion Ratio Lower Upper
83 100
85 61.3 49.7 74.5





#31

Cyclohexane

Concen: 20.588 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 70410

Ion Ratio Lower Upper

56 100

69 30.6 24.9 37.3

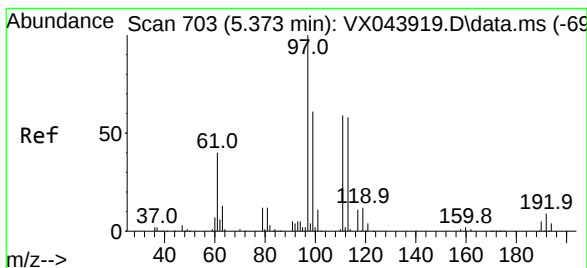
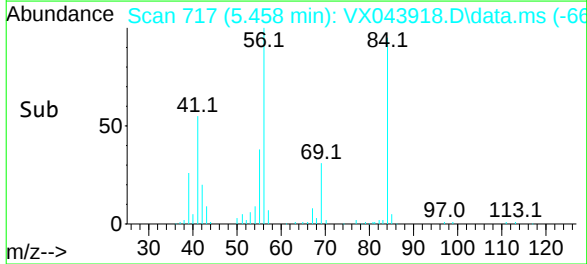
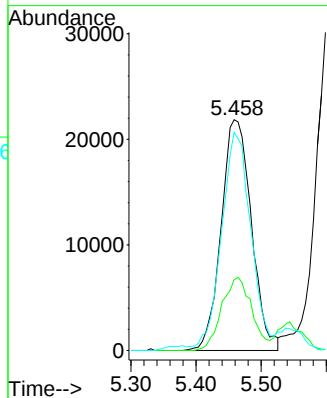
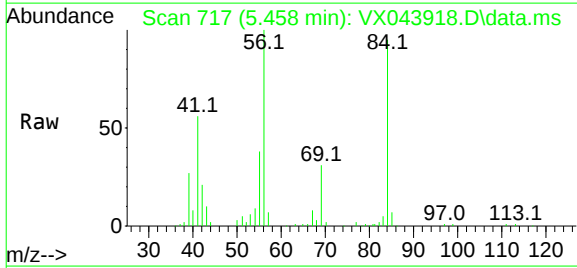
84 92.8 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#32

1,1,1-Trichloroethane

Concen: 20.797 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

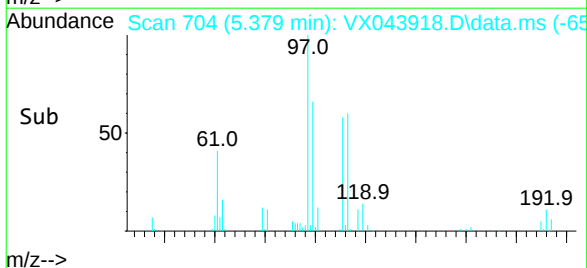
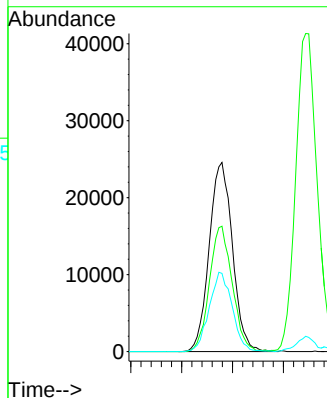
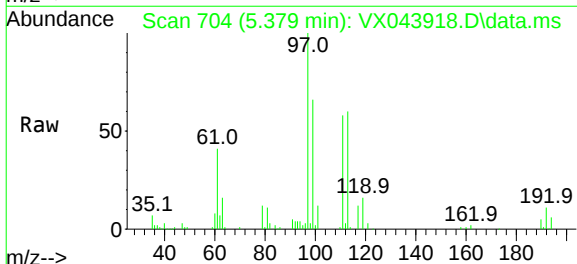
Tgt Ion: 97 Resp: 78200

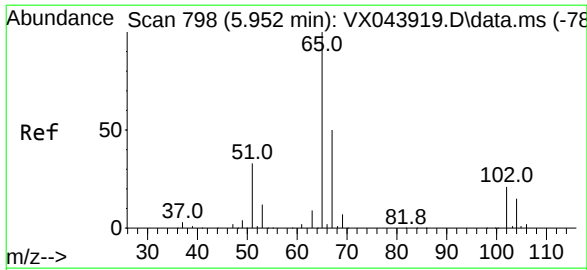
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 41.3 32.9 49.3





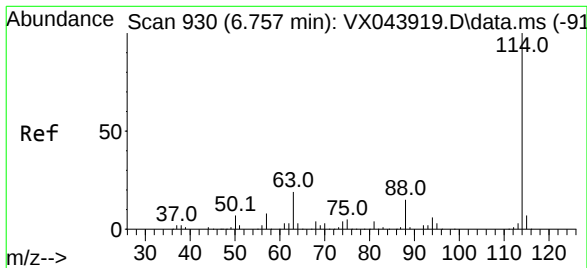
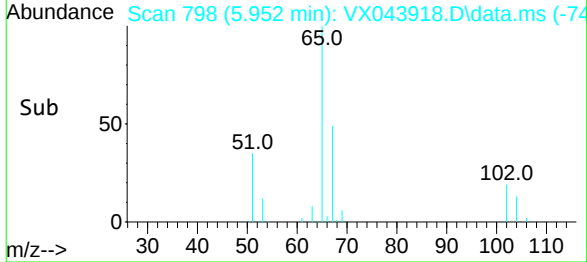
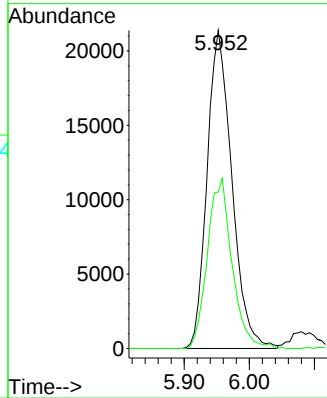
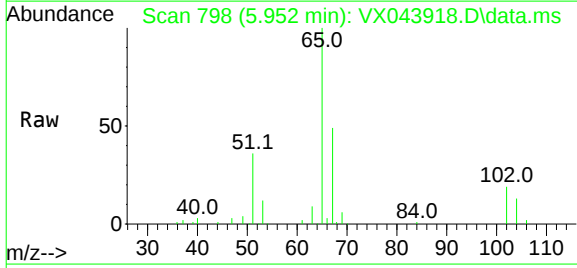
#33
1,2-Dichloroethane-d4
Concen: 18.897 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 56508
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.2

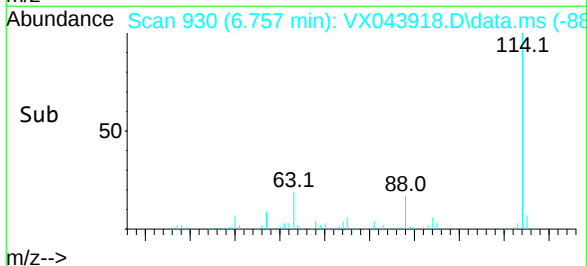
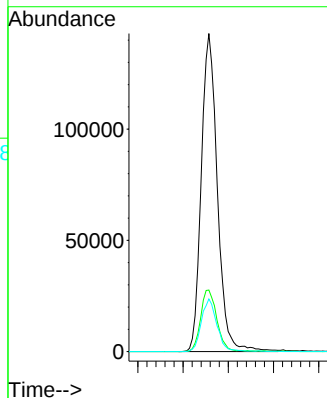
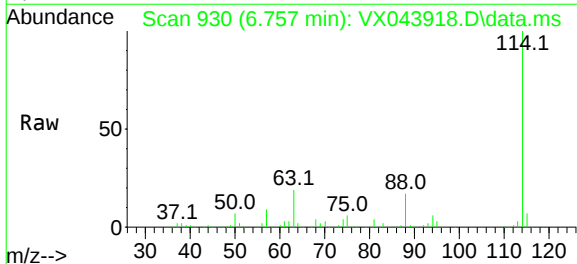
Manual Integrations
APPROVED

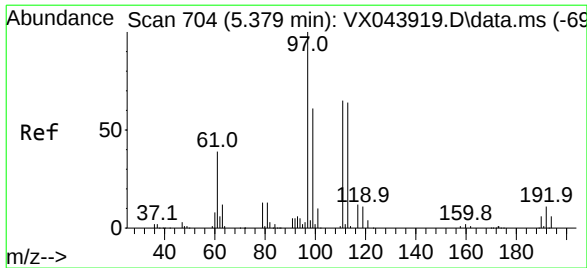
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion:114 Resp: 353627
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.0
88 16.5 0.0 30.2





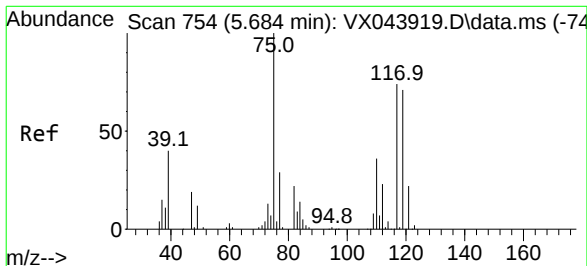
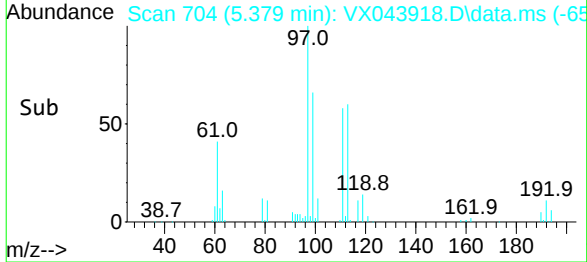
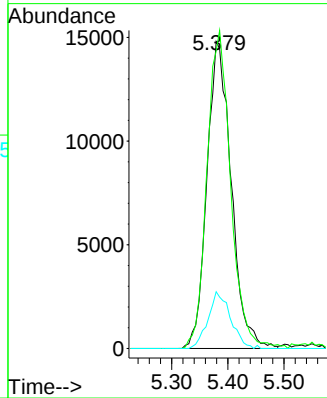
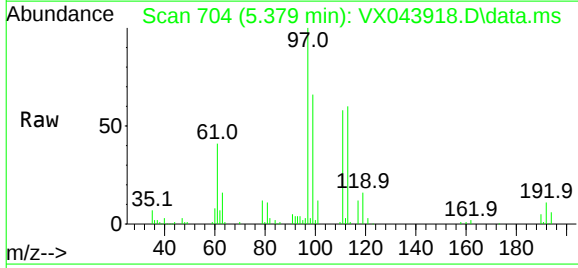
#35
Dibromofluoromethane
Concen: 18.767 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 113 Resp: 44563
Ion Ratio Lower Upper
113 100
111 101.1 81.0 121.6
192 17.2 14.2 21.2

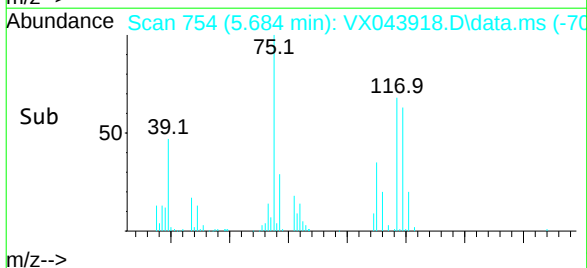
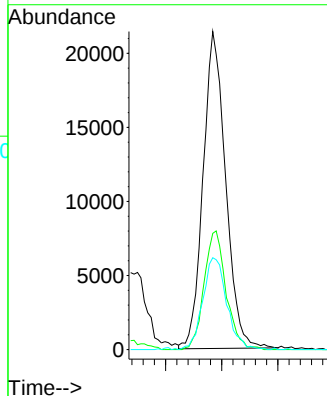
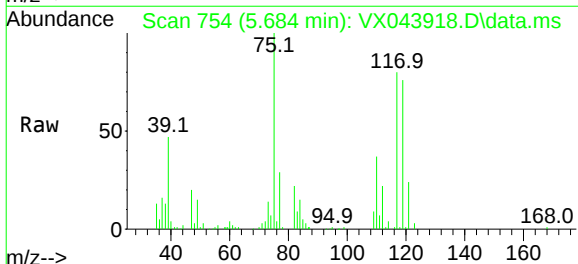
Manual Integrations
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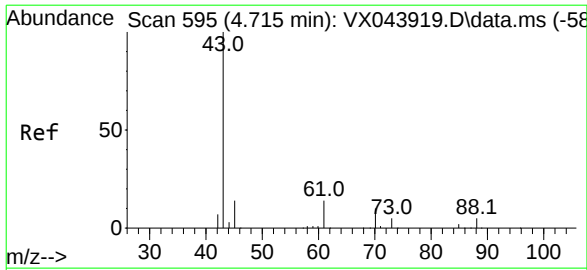
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#36
1,1-Dichloropropene
Concen: 20.188 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 75 Resp: 59742
Ion Ratio Lower Upper
75 100
110 36.6 17.5 52.5
77 30.8 24.9 37.3





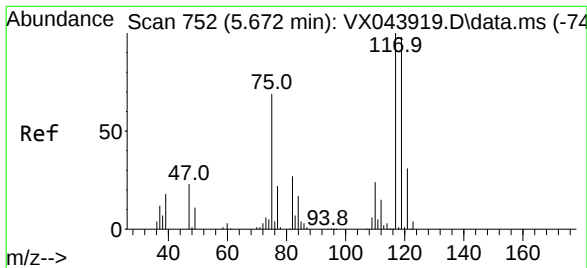
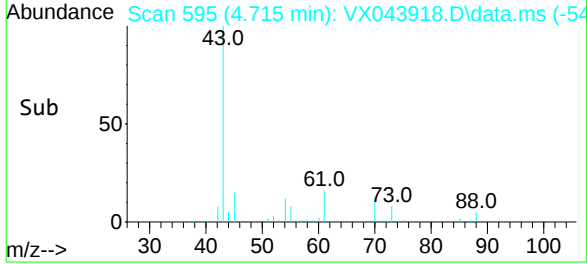
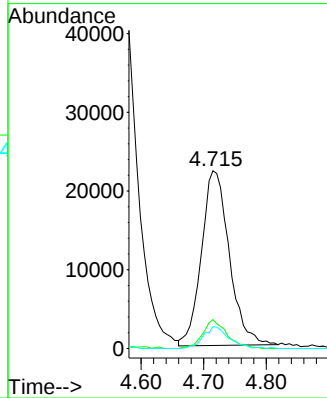
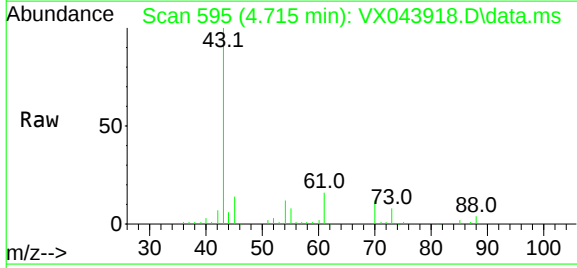
#37
Ethyl Acetate
Concen: 20.415 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	68653
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.2	8.7	13.1

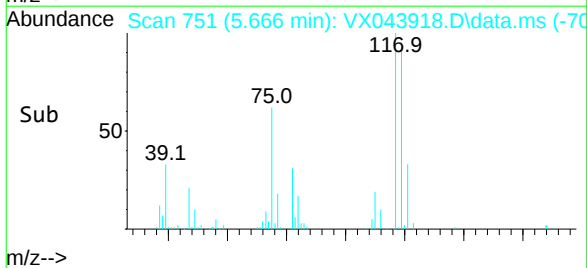
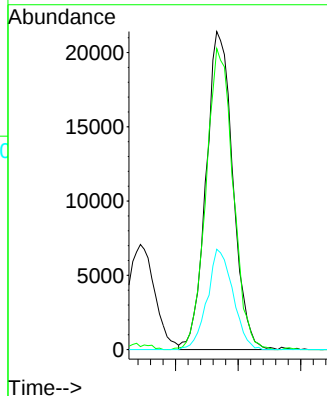
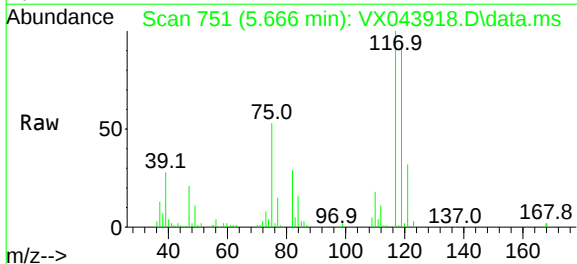
Manual Integrations
APPROVED

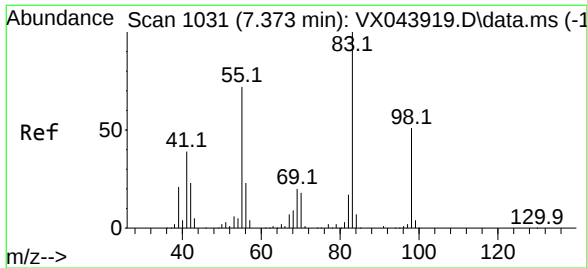
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 20.319 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion:	117	Resp:	63662
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.3	117.5
121	31.5	25.1	37.7





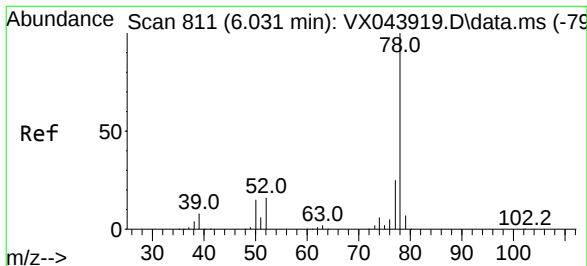
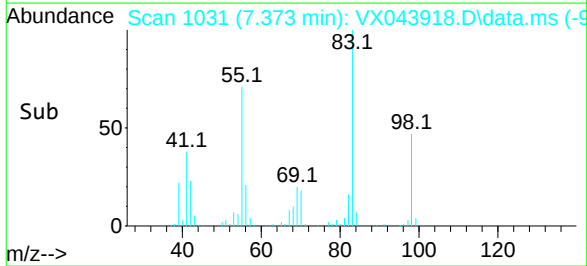
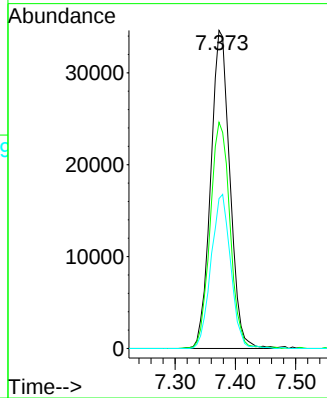
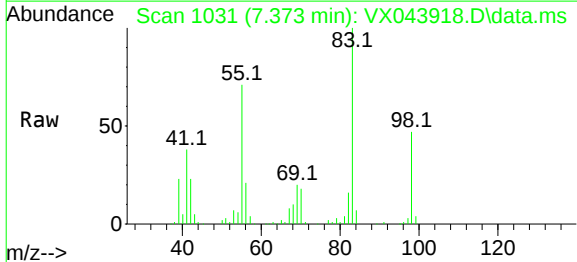
#39
Methylcyclohexane
Concen: 20.694 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 76667
Ion Ratio Lower Upper
83 100
55 71.1 57.9 86.9
98 47.1 40.5 60.7

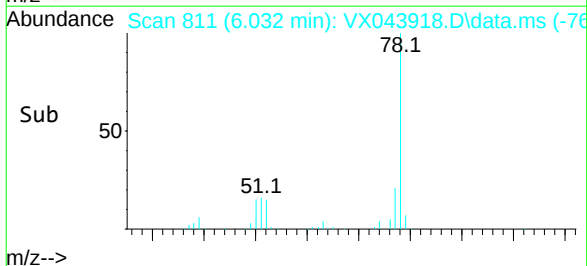
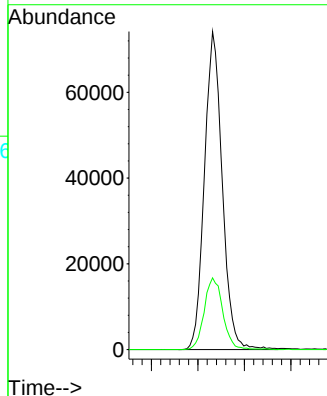
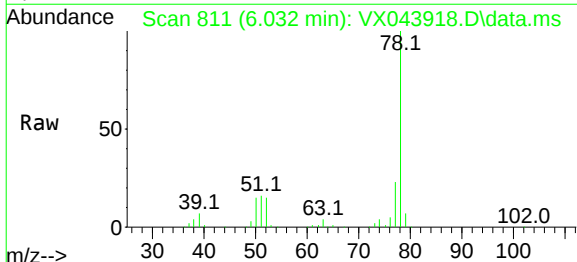
Manual Integrations
APPROVED

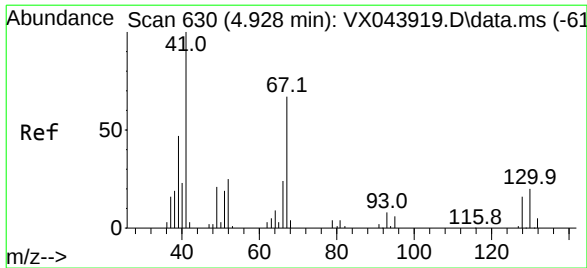
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 21.238 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 78 Resp: 197599
Ion Ratio Lower Upper
78 100
77 22.5 19.8 29.8





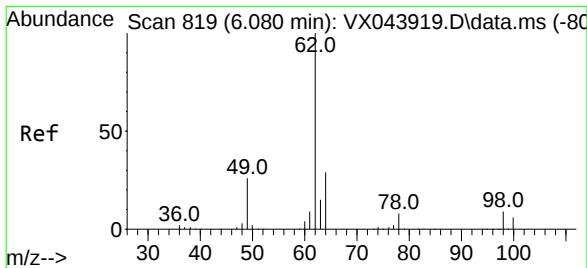
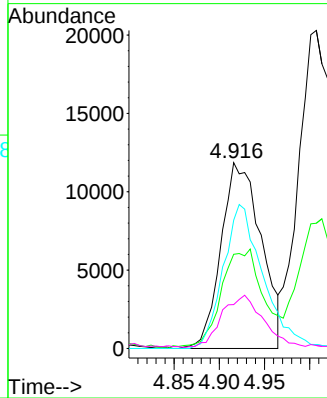
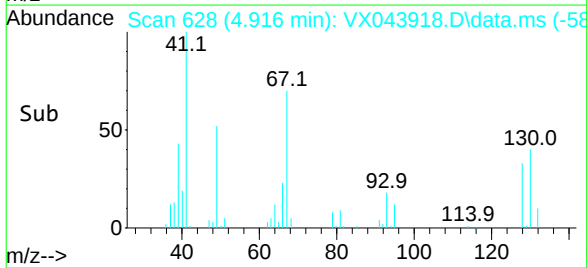
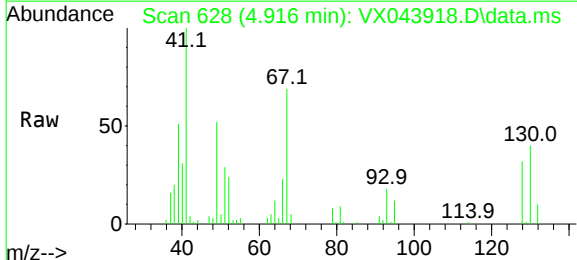
#41
Methacrylonitrile
Concen: 21.085 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.4	41.2	61.8
67	77.3	60.3	90.5
52	29.0	24.3	36.5

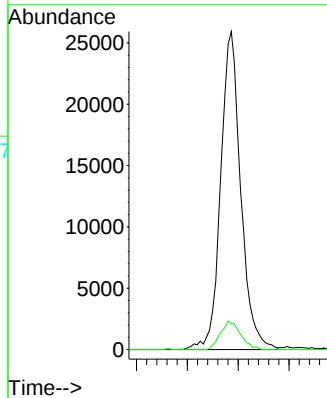
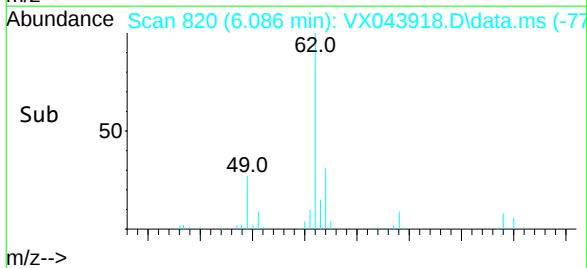
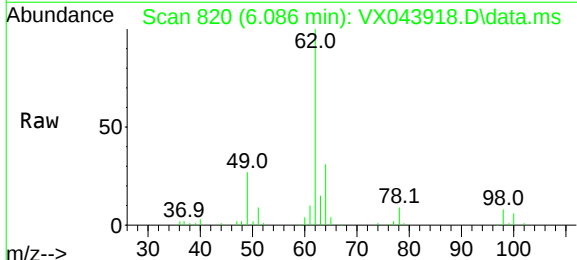
Manual Integrations
APPROVED

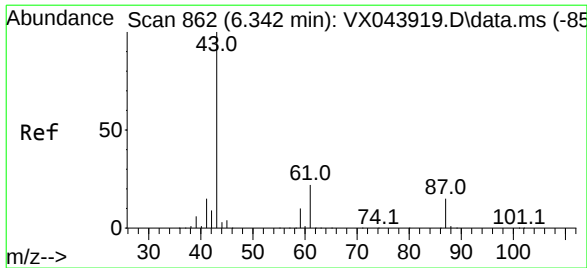
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 21.048 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 21.073 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

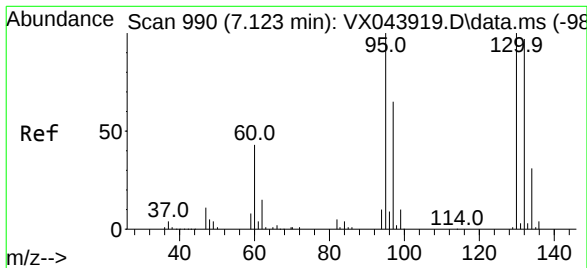
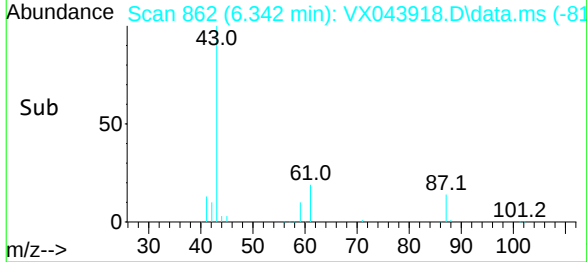
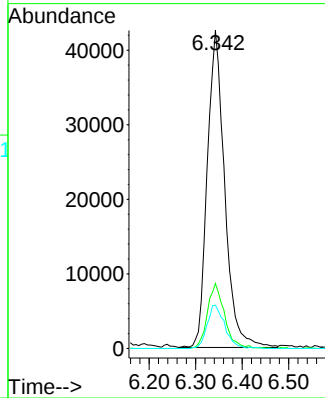
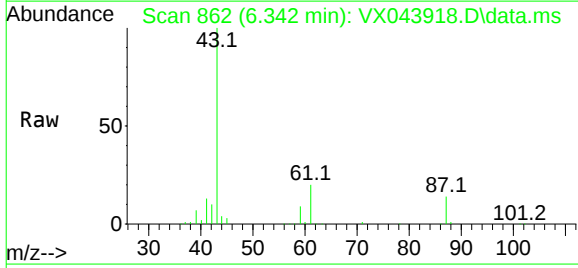
ClientSampleId :

VSTDICC020

Tgt Ion:	43	Resp:	110721
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.9	25.3
87	13.7	11.9	17.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 18.876 ug/l

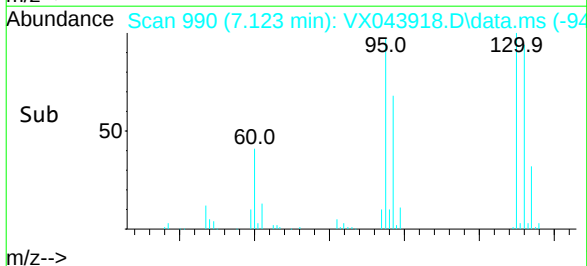
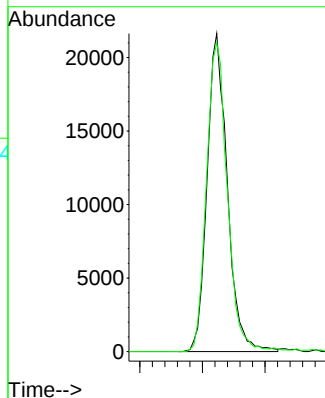
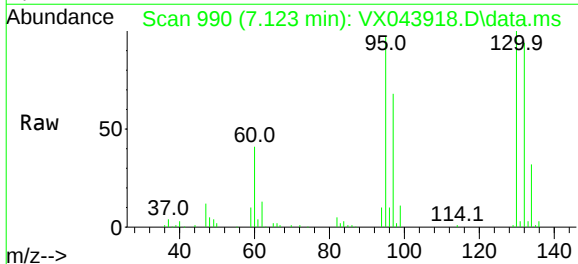
RT: 7.123 min Scan# 990

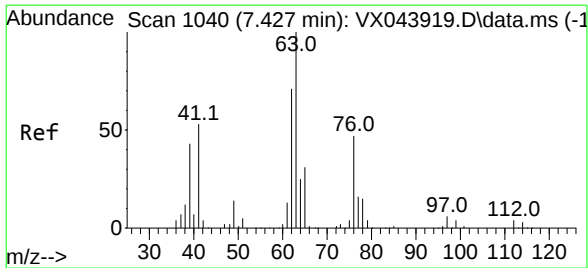
Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion:	130	Resp:	48417
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	200.8





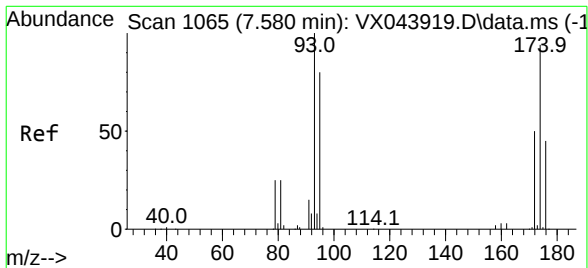
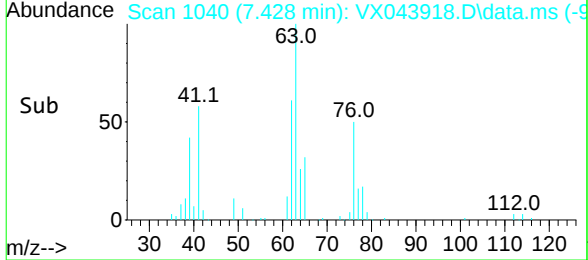
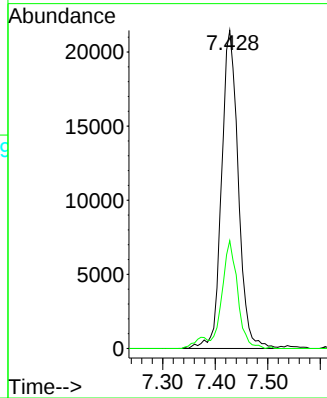
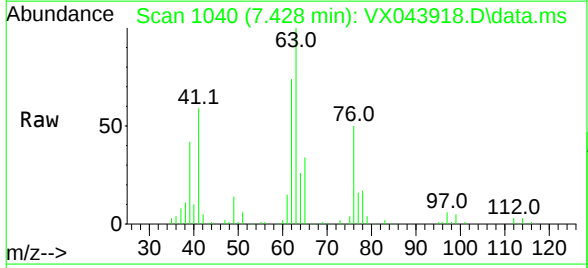
#45
1,2-Dichloropropane
Concen: 20.856 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 47559
Ion Ratio Lower Upper
63 100
65 33.9 24.5 36.7

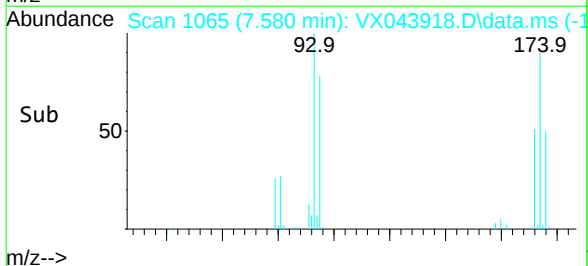
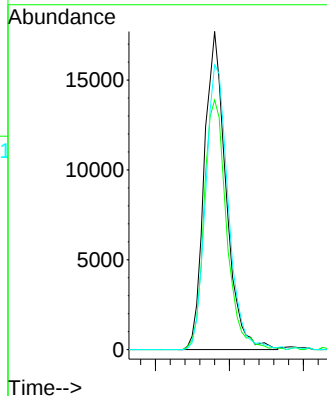
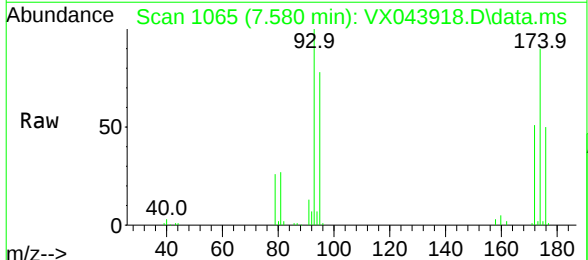
Manual Integrations
APPROVED

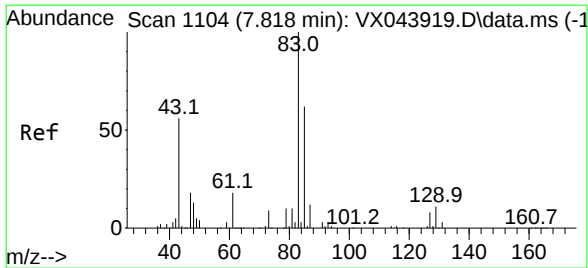
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#46
Dibromomethane
Concen: 20.997 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 93 Resp: 36080
Ion Ratio Lower Upper
93 100
95 81.1 66.1 99.1
174 93.4 75.2 112.8





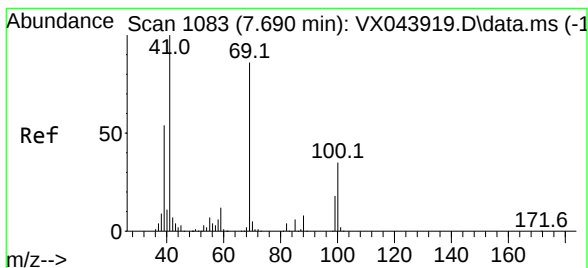
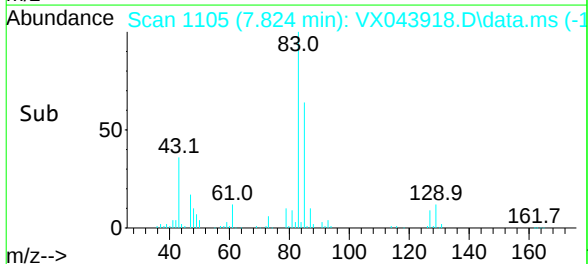
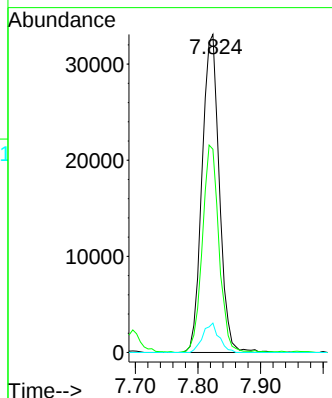
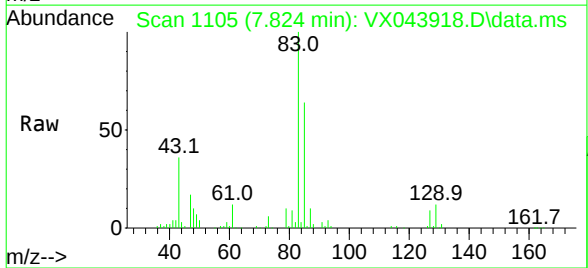
#47
 Bromodichloromethane
 Concen: 20.952 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: VX043918.D
 Acq: 20 Nov 2024 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion:	83	Resp:	63259
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.4	74.0
127	9.2	6.2	9.4

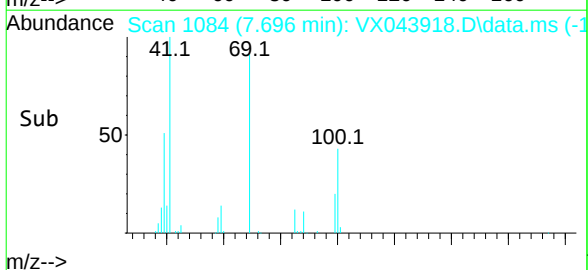
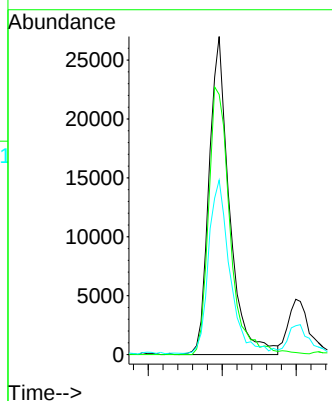
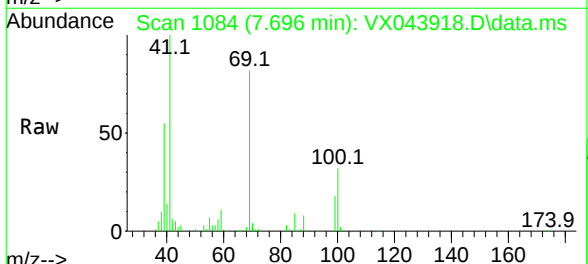
Manual Integrations
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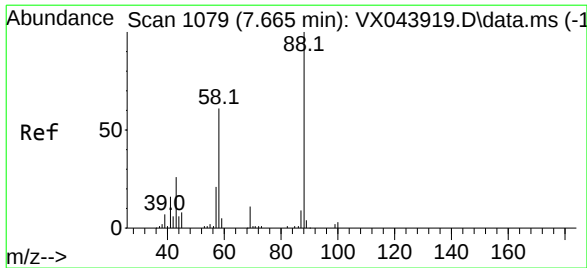
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#48
 Methyl methacrylate
 Concen: 19.827 ug/l
 RT: 7.696 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: VX043918.D
 Acq: 20 Nov 2024 17:20

Tgt Ion:	41	Resp:	51632
Ion	Ratio	Lower	Upper
41	100		
69	88.4	72.1	108.1
39	56.2	43.8	65.8





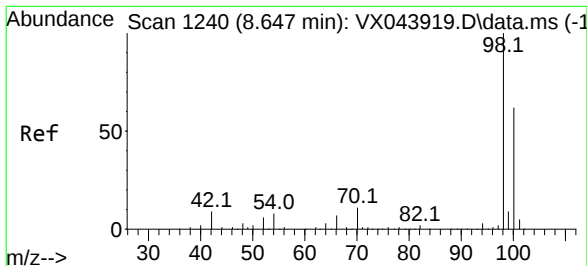
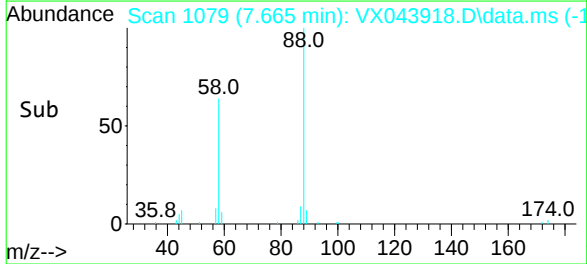
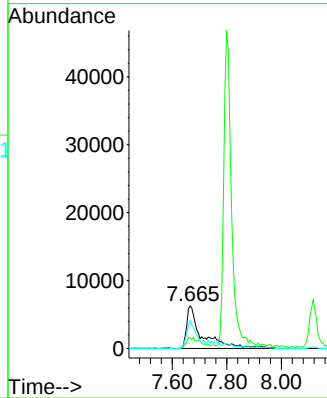
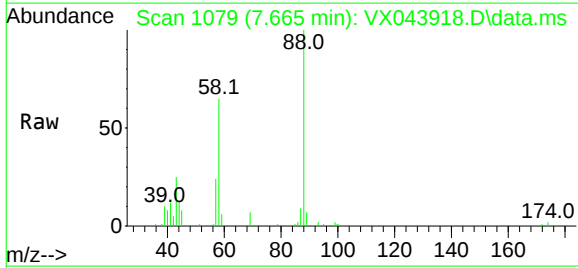
#49
1,4-Dioxane
Concen: 452.711 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 25038
Ion Ratio Lower Upper
88 100
43 24.4 17.4 26.0
58 42.7 41.0 61.6

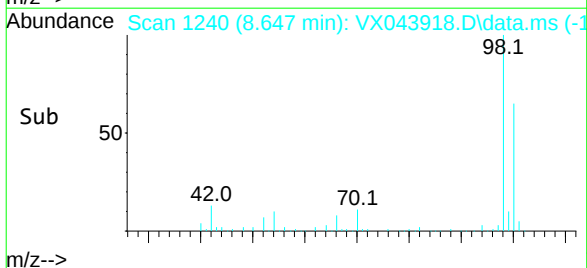
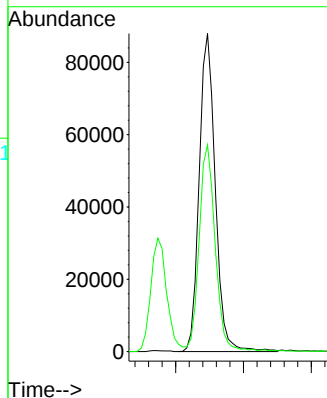
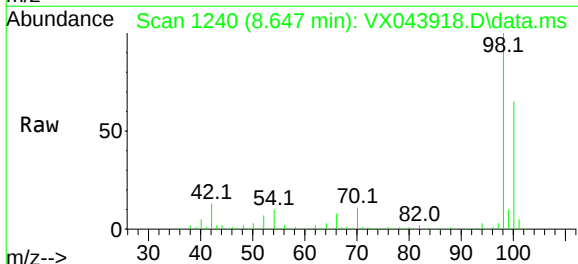
Manual Integrations
APPROVED

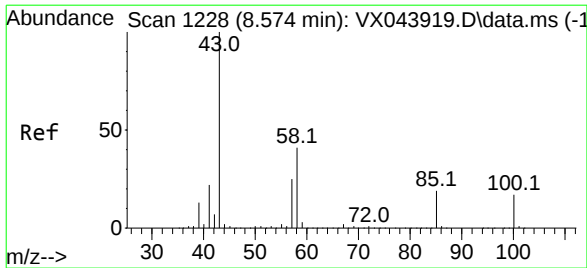
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 18.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 98 Resp: 144776
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6





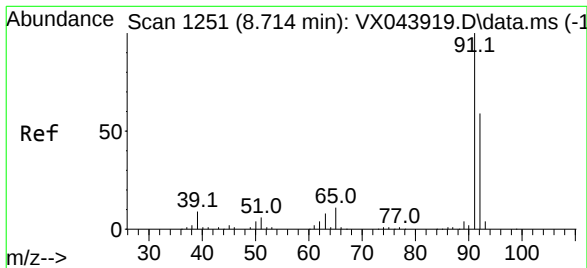
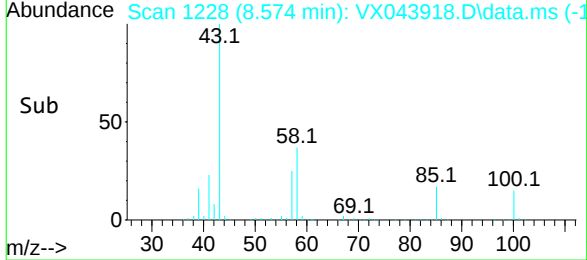
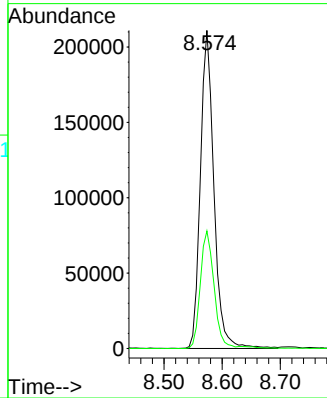
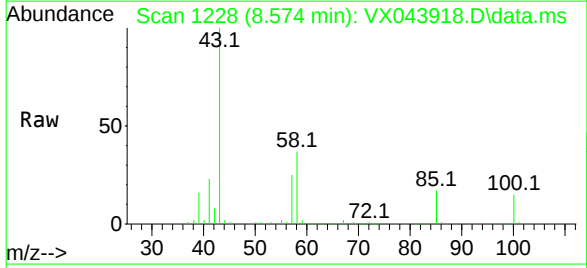
#51
4-Methyl-2-Pentanone
Concen: 104.289 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 341659
Ion Ratio Lower Upper
43 100
58 37.5 32.4 48.6

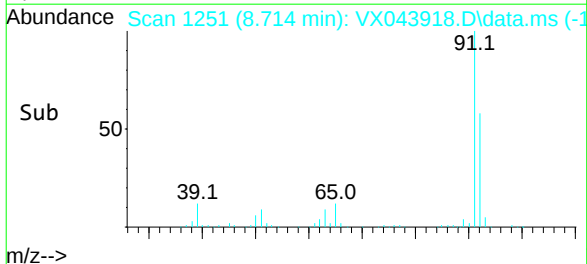
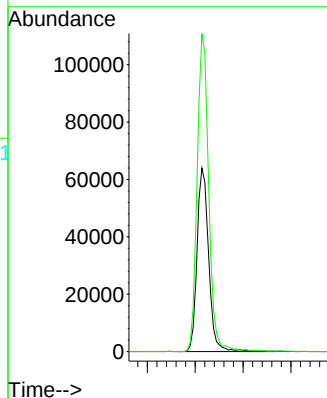
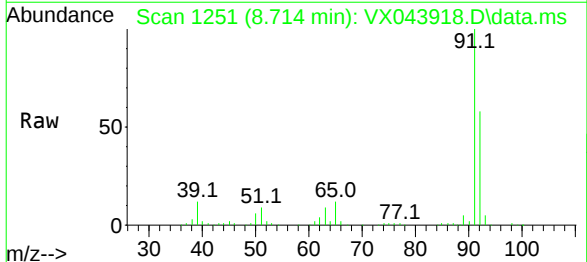
Manual Integrations
APPROVED

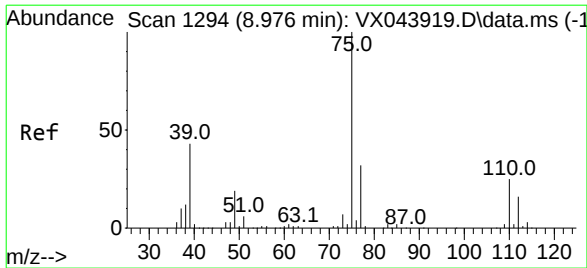
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 20.096 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

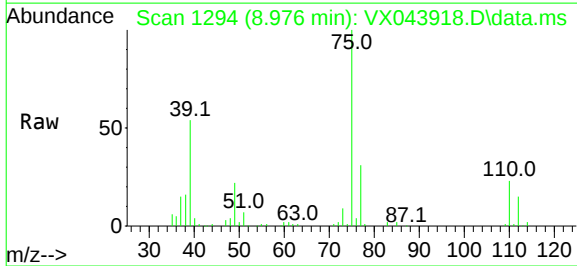
Tgt Ion: 92 Resp: 107872
Ion Ratio Lower Upper
92 100
91 171.1 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 19.005 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

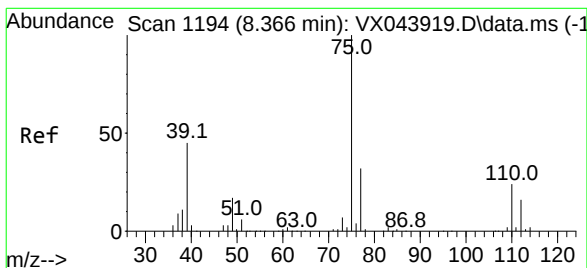
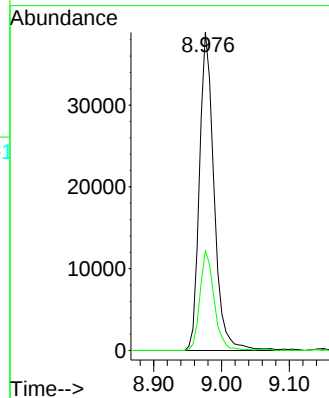
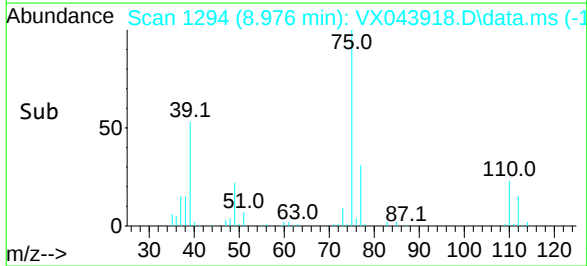
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 58220
Ion Ratio Lower Upper
75 100
77 31.3 25.9 38.9

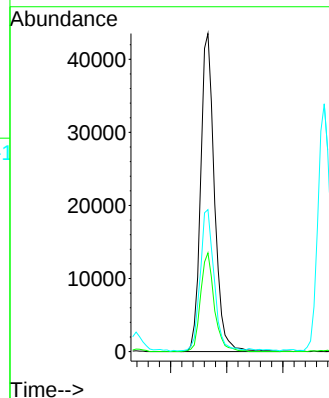
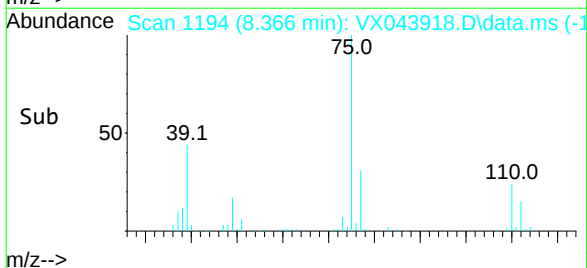
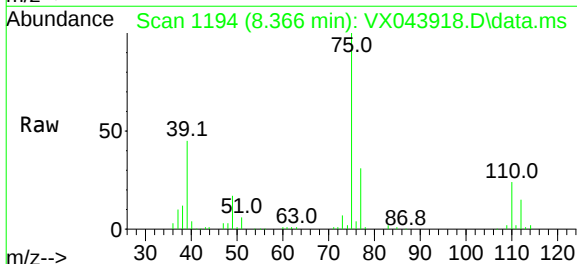
Manual Integrations
APPROVED

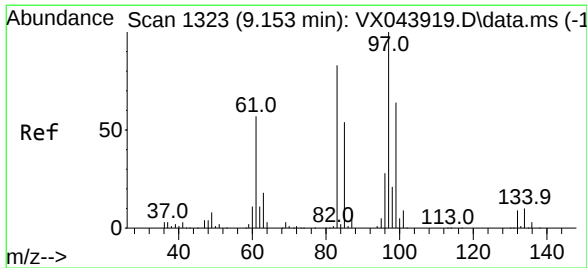
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
cis-1,3-Dichloropropene
Concen: 21.456 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

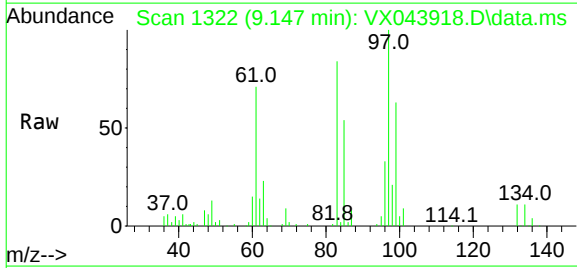
Tgt Ion: 75 Resp: 74481
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
39 44.4 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 19.470 ug/l
RT: 9.147 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

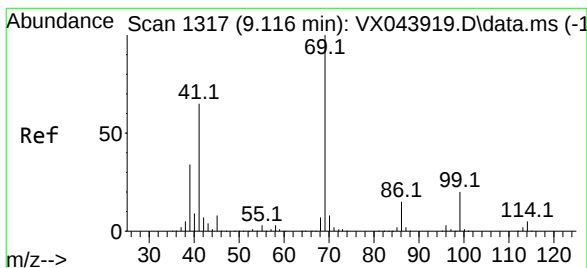
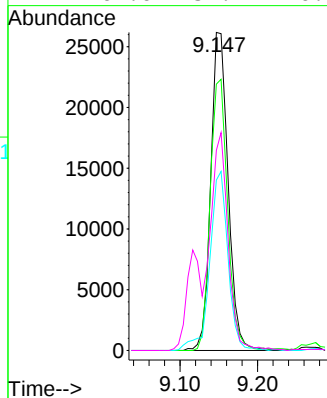
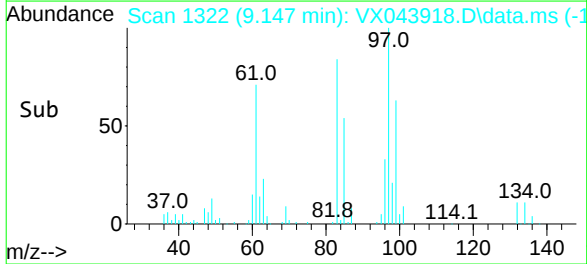
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.5	99.7
85	53.3	43.4	65.2
99	62.6	51.2	76.8

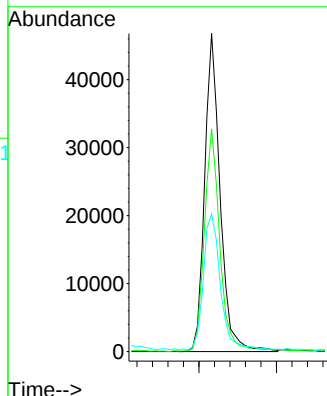
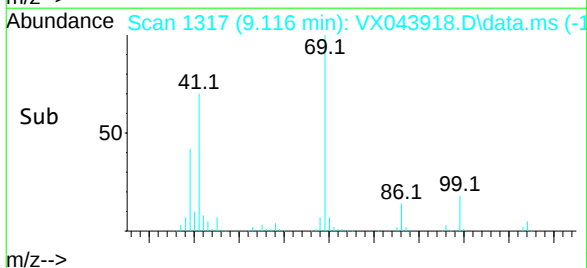
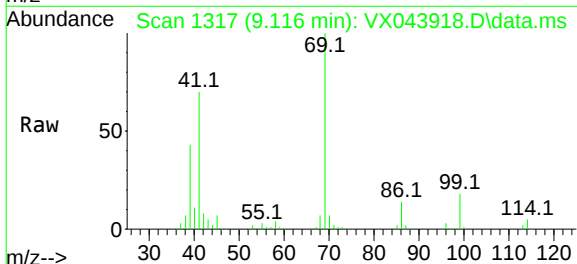
Manual Integrations
APPROVED

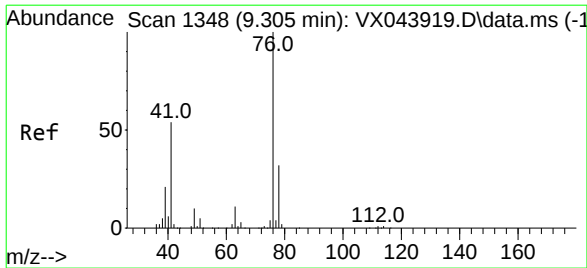
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#56
Ethyl methacrylate
Concen: 19.557 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.0	51.7	77.5
39	46.9	26.8	40.2





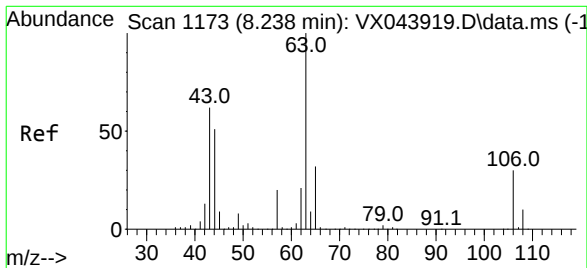
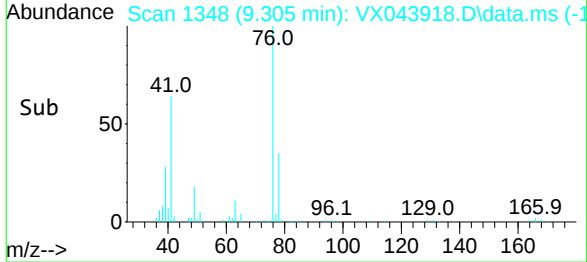
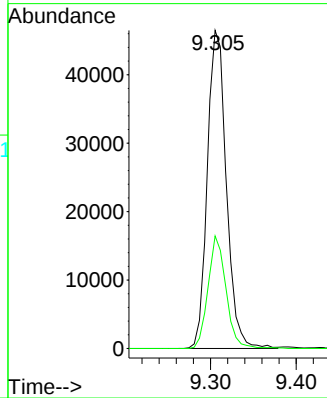
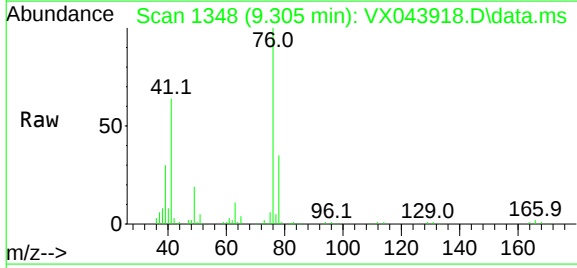
#57
1,3-Dichloropropane
Concen: 20.427 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 71674
Ion Ratio Lower Upper
76 100
78 33.5 25.9 38.9

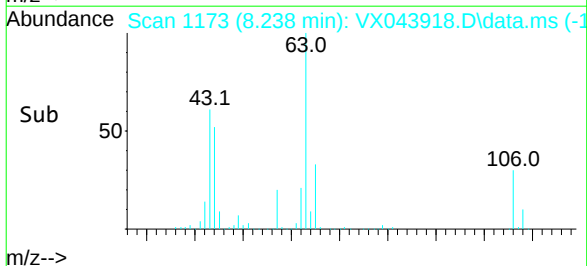
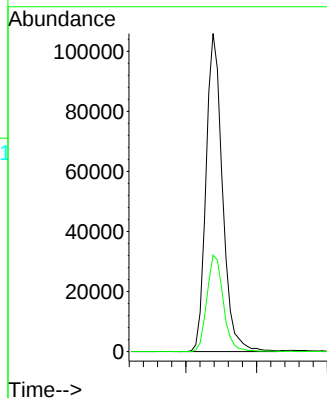
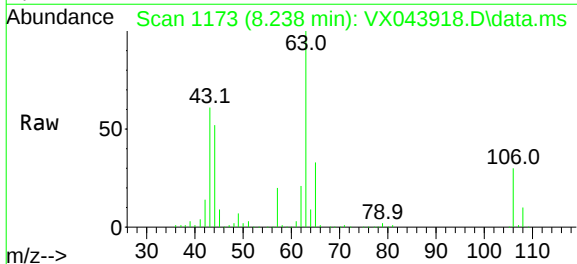
Manual Integrations
APPROVED

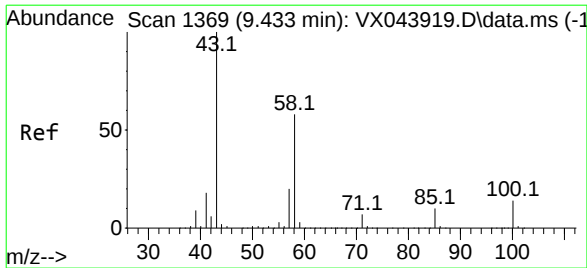
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 98.488 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 63 Resp: 171269
Ion Ratio Lower Upper
63 100
106 30.3 23.8 35.6





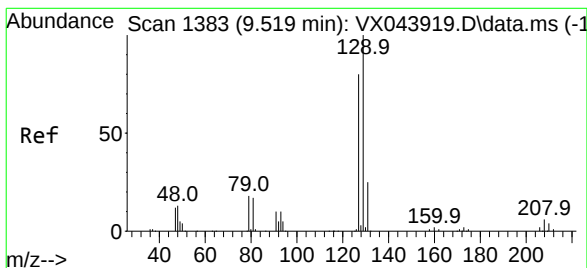
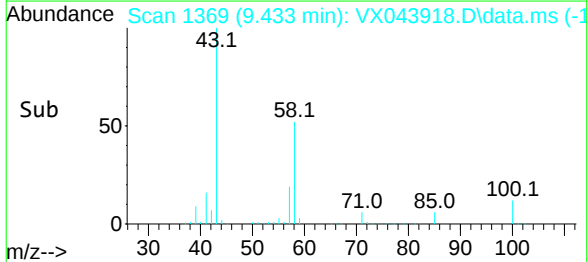
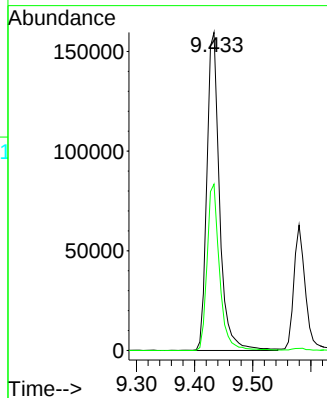
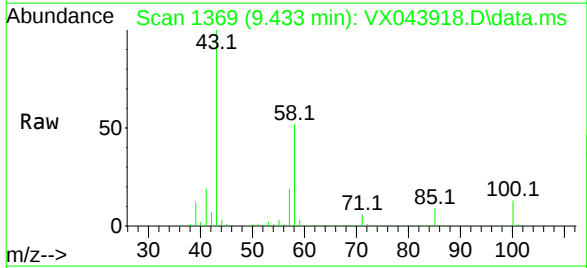
#59
2-Hexanone
Concen: 104.569 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 241707
Ion Ratio Lower Upper
43 100
58 51.4 28.3 84.9

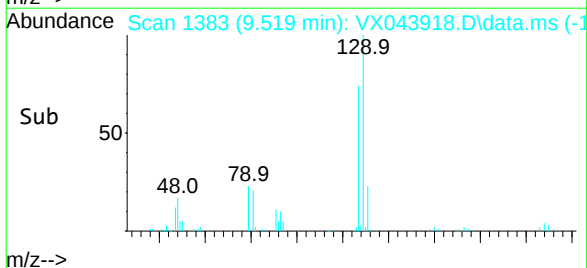
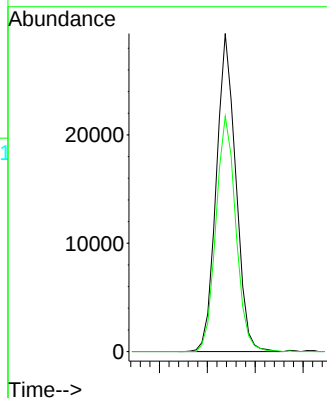
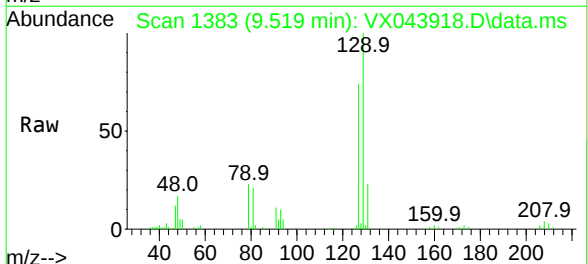
Manual Integrations
APPROVED

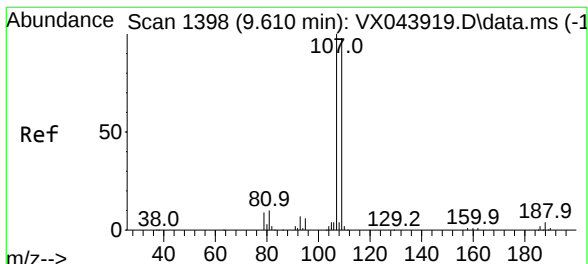
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 20.323 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion:129 Resp: 41474
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.8





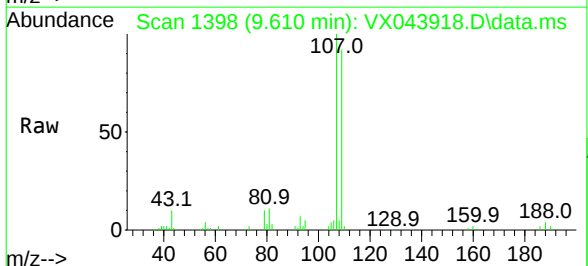
#61
1,2-Dibromoethane
Concen: 20.661 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

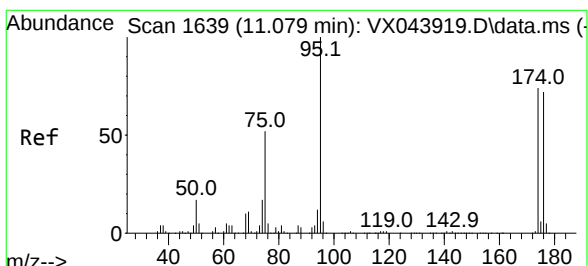
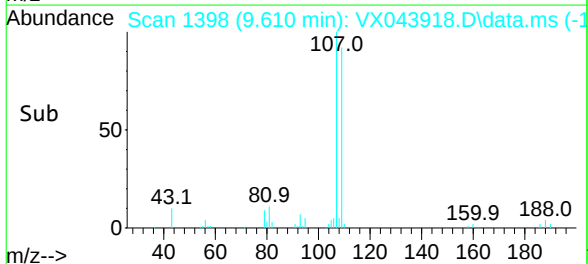
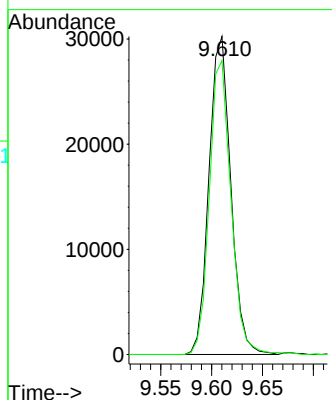
VSTDICC020



Tgt Ion: 107 Resp: 45137
Ion Ratio Lower Upper
107 100
109 91.8 76.2 114.2

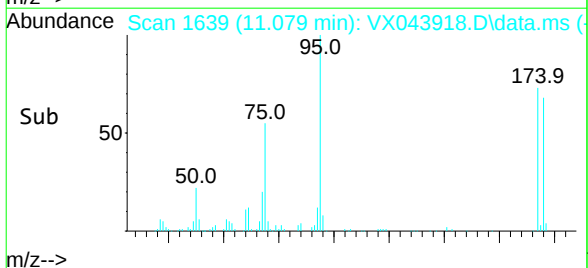
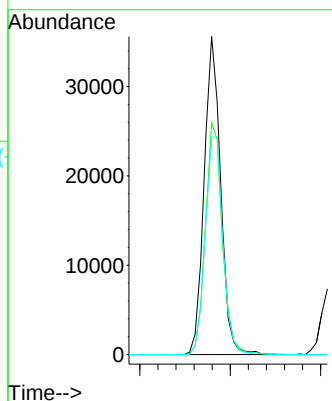
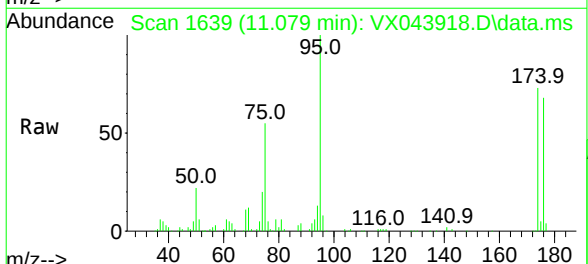
Manual Integrations
APPROVED

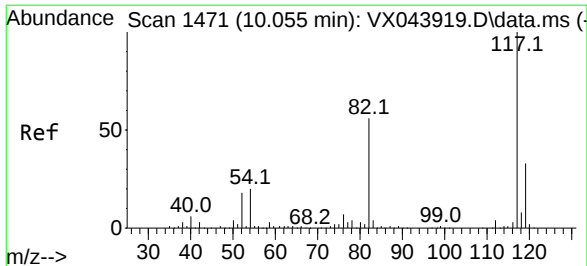
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 17.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 95 Resp: 45030
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.2
176 73.7 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

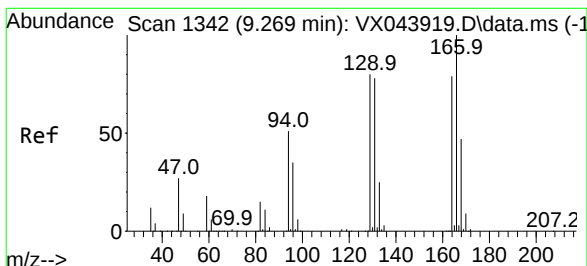
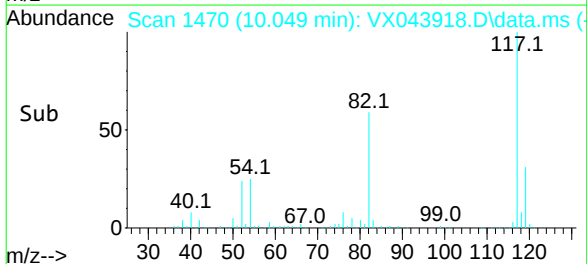
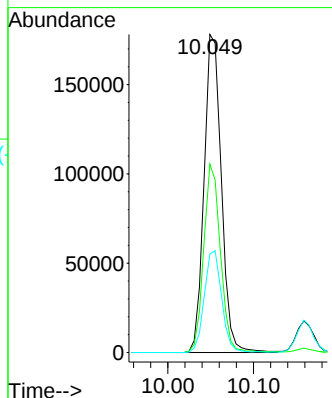
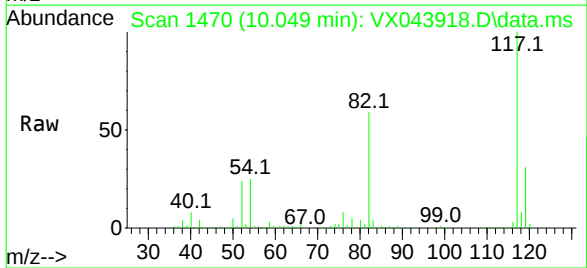
Tgt Ion:	117	Resp:	249923
Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.6	67.0
119	31.0	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#64

Tetrachloroethene

Concen: 21.343 ug/l

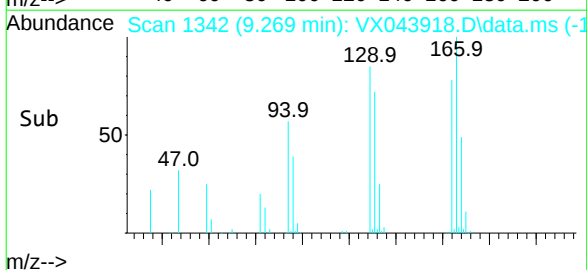
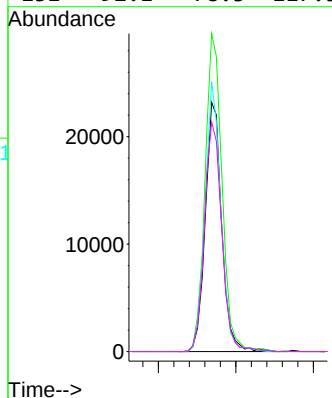
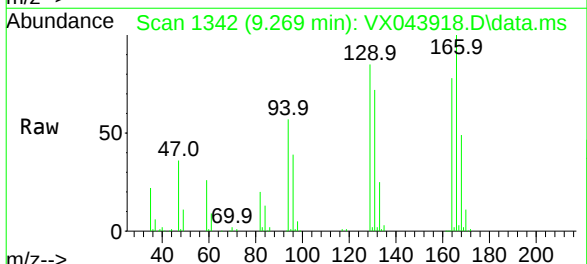
RT: 9.269 min Scan# 1342

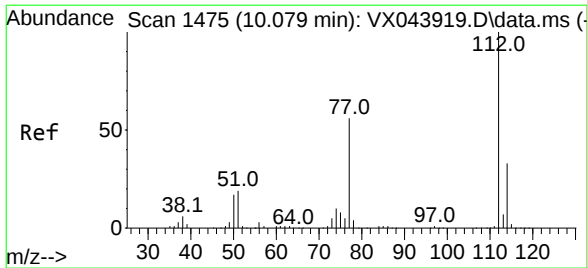
Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion:	164	Resp:	34214
Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.9	151.3
129	108.3	80.3	120.5
131	92.1	78.3	117.5





#65

Chlorobenzene

Concen: 20.918 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 109205

Ion Ratio Lower Upper

112 100

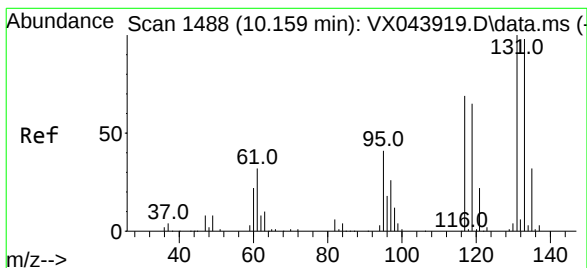
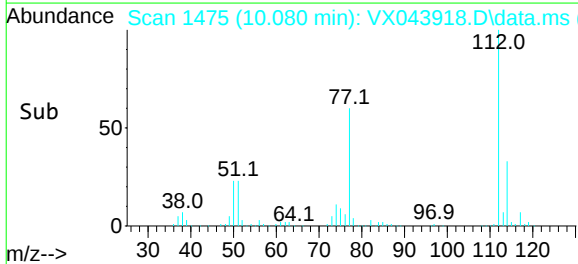
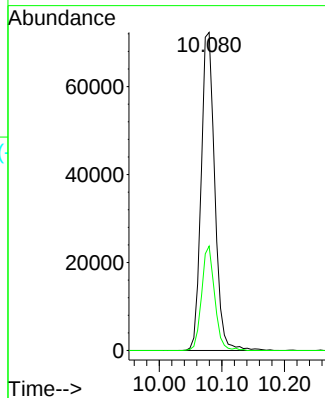
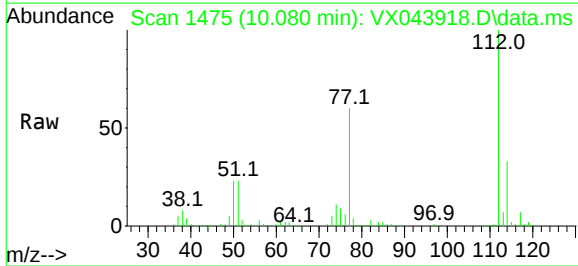
114 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.188 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

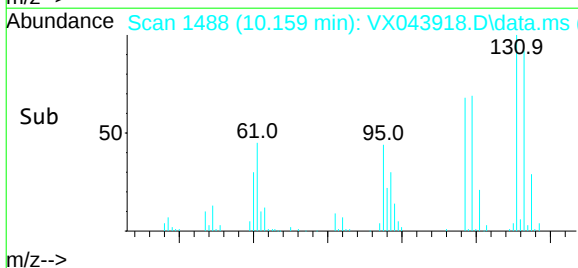
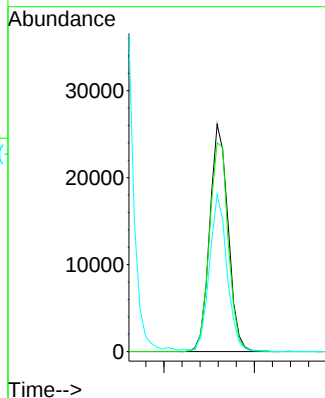
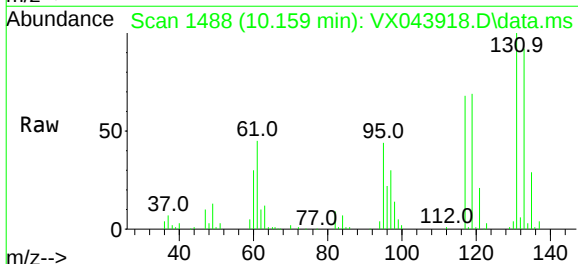
Tgt Ion:131 Resp: 36813

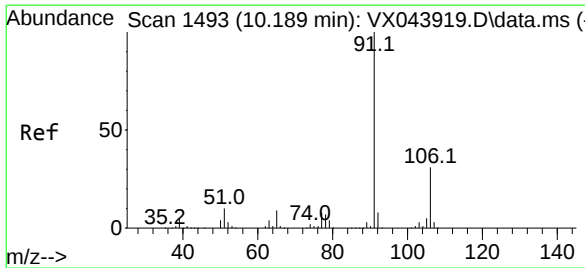
Ion Ratio Lower Upper

131 100

133 94.1 48.8 146.3

119 66.7 32.9 98.7





#67

Ethyl Benzene

Concen: 21.863 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 192083

Ion Ratio Lower Upper

91 100

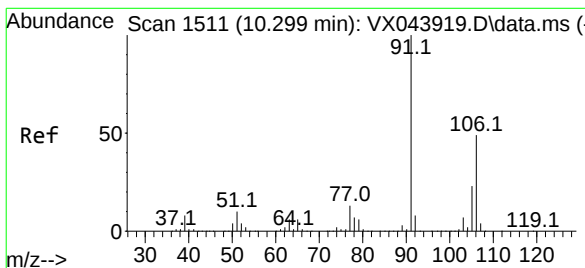
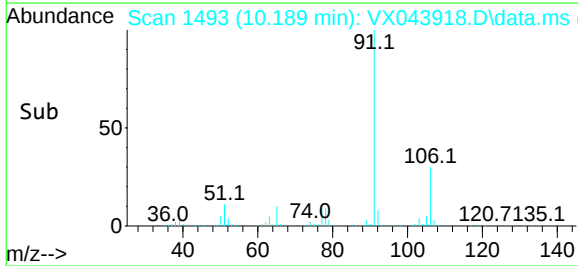
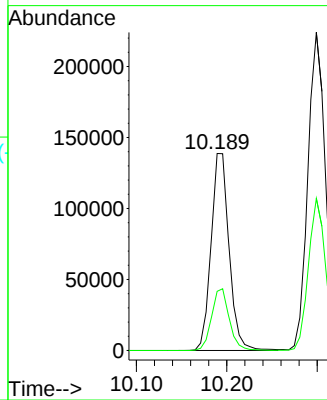
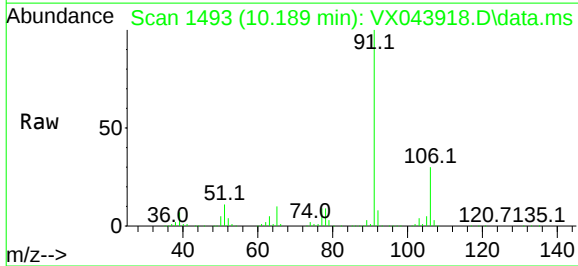
106 30.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#68

m/p-Xylenes

Concen: 43.952 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043918.D

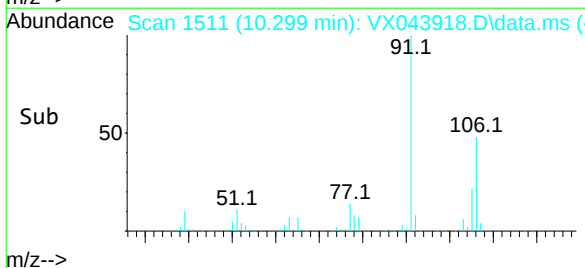
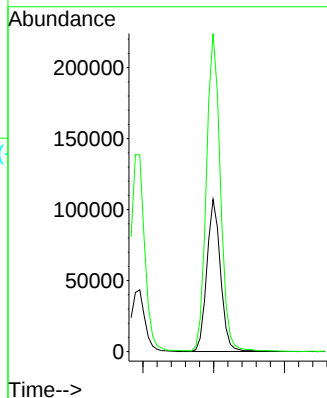
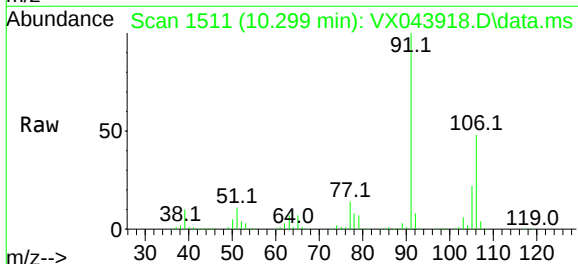
Acq: 20 Nov 2024 17:20

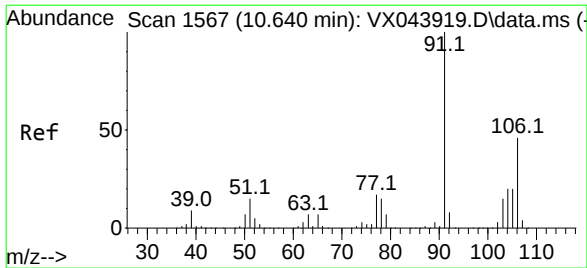
Tgt Ion:106 Resp: 143828

Ion Ratio Lower Upper

106 100

91 214.6 163.3 244.9





#69

o-Xylene

Concen: 21.257 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:106 Resp: 67871

Ion Ratio Lower Upper

106 100

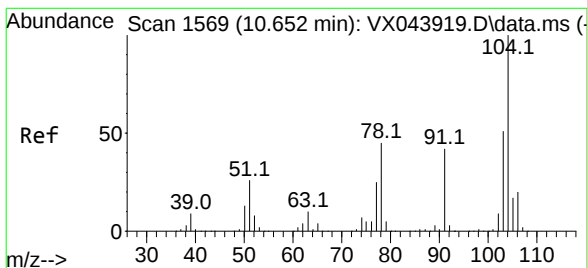
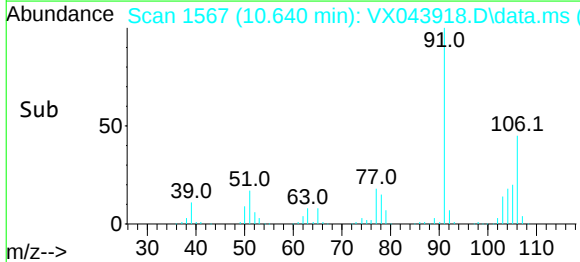
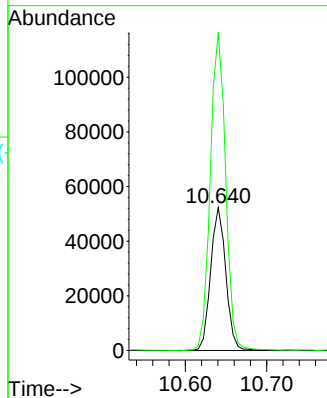
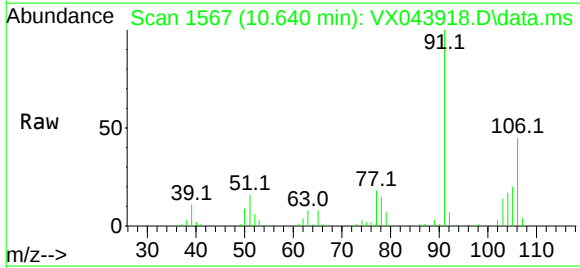
91 225.1 109.6 328.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

Styrene

Concen: 21.216 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

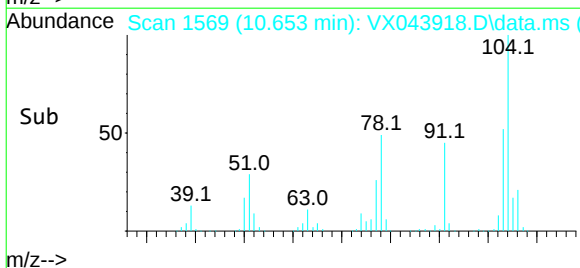
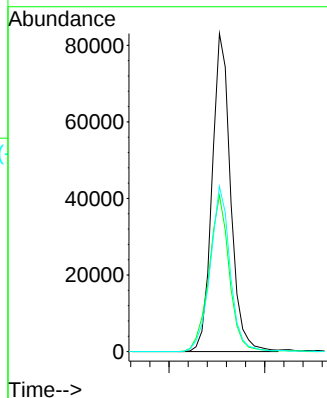
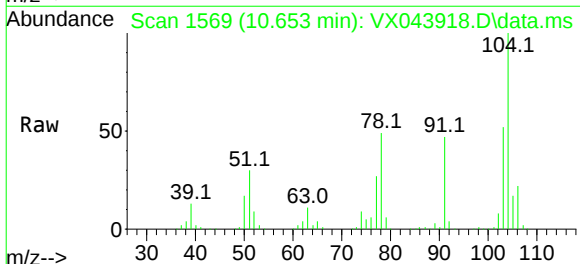
Tgt Ion:104 Resp: 111637

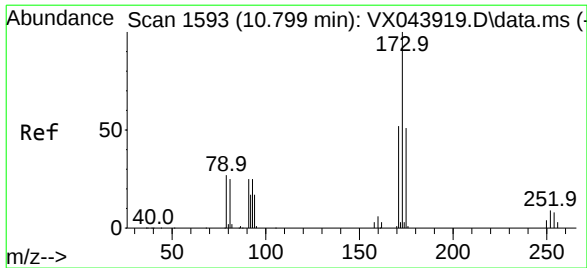
Ion Ratio Lower Upper

104 100

78 54.1 40.3 60.5

103 56.1 43.9 65.9





#71

Bromoform

Concen: 18.033 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

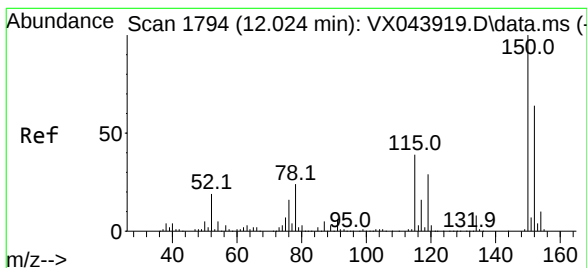
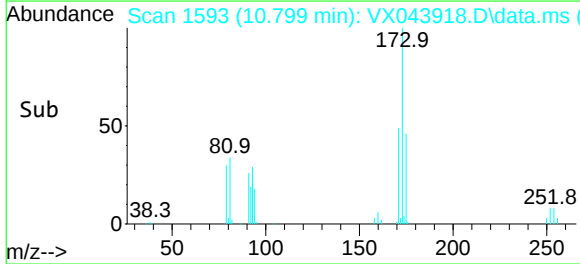
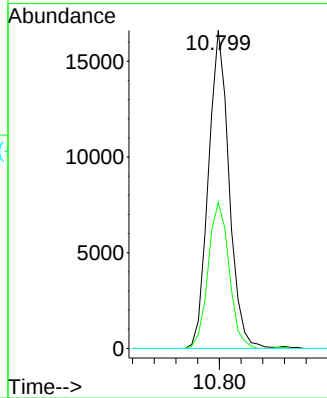
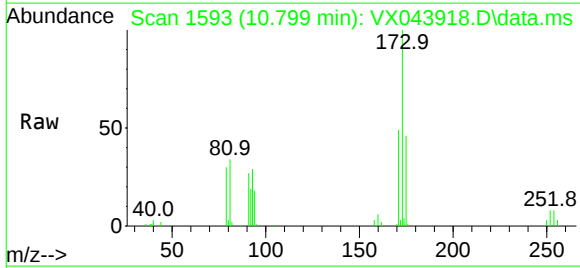
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	24.6	73.8
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

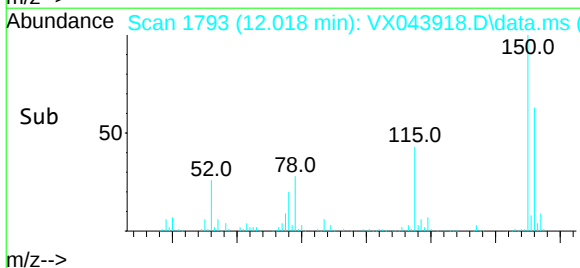
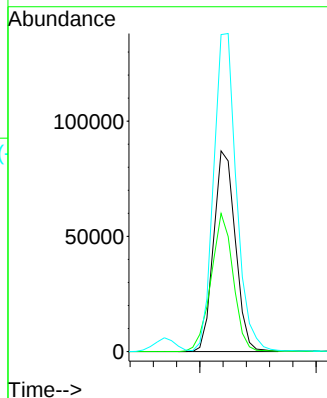
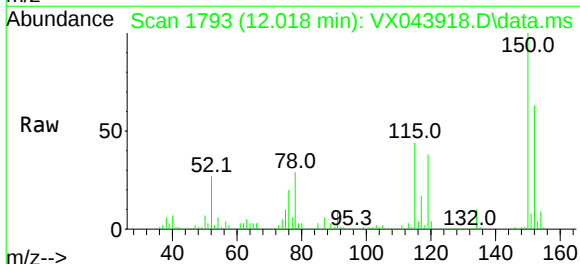
RT: 12.018 min Scan# 1793

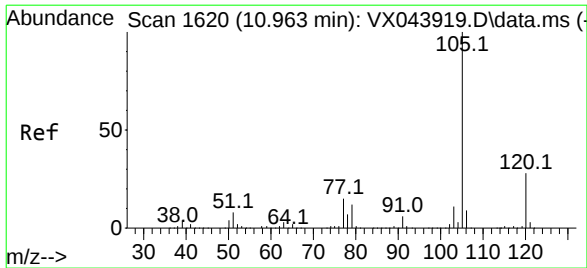
Delta R.T. -0.006 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.4	42.1	126.3
150	166.5	0.0	348.2





#73

Isopropylbenzene

Concen: 21.702 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 175301

Ion Ratio Lower Upper

105 100

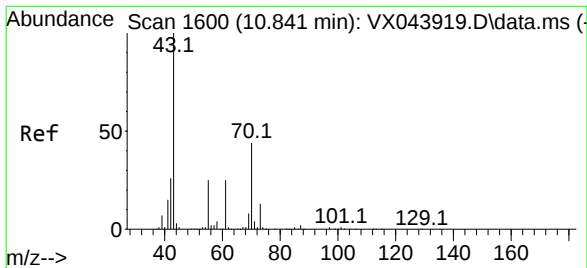
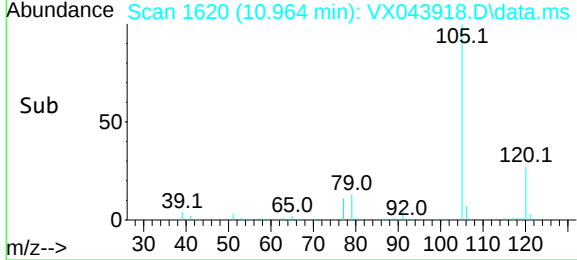
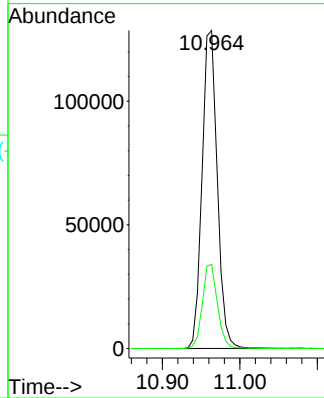
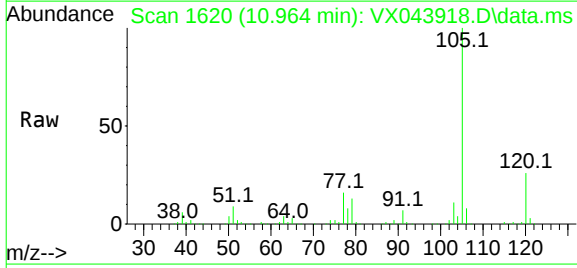
120 26.2 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 20.685 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion: 43 Resp: 78187

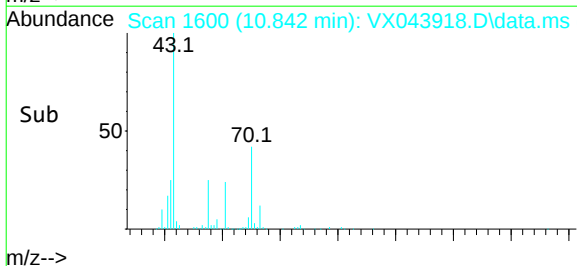
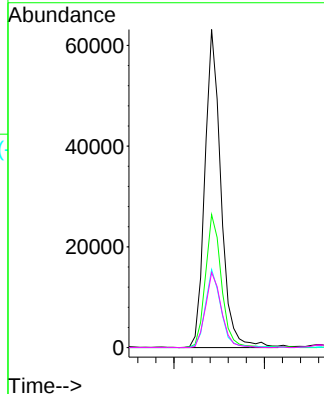
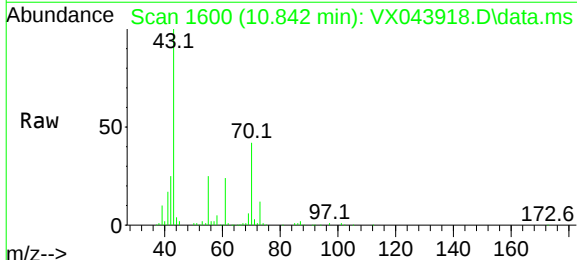
Ion Ratio Lower Upper

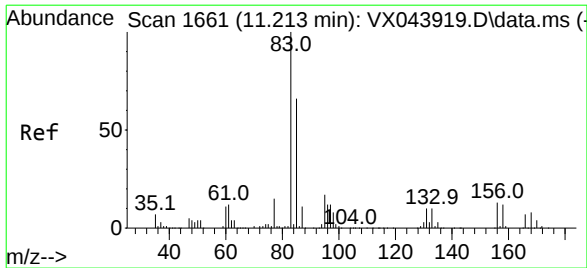
43 100

70 41.1 36.5 54.7

55 23.8 19.6 29.4

61 23.3 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.753 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

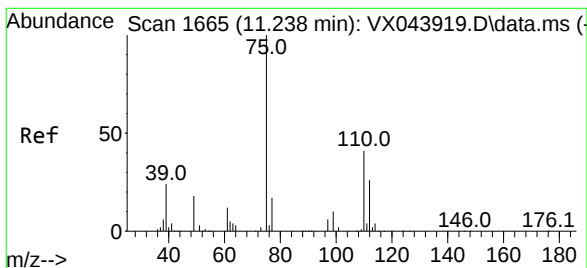
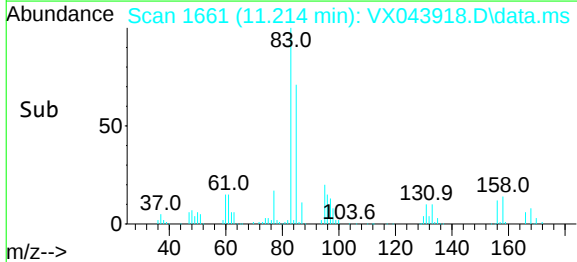
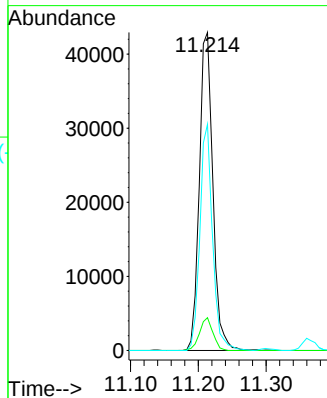
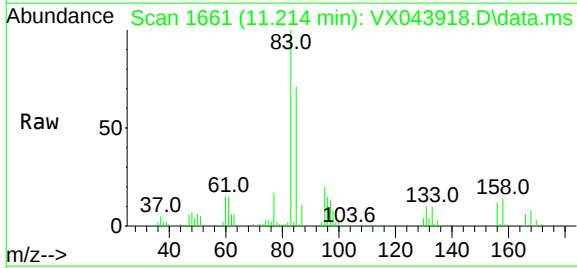
Tgt Ion:	83	Resp:	59409
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	66.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#76

1,2,3-Trichloropropane

Concen: 22.154 ug/l m

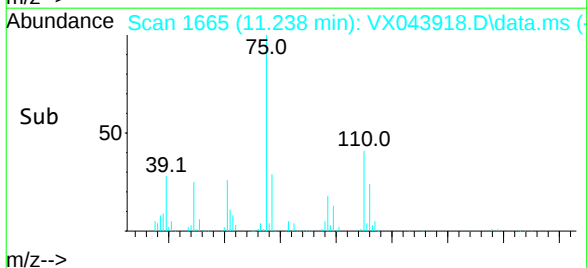
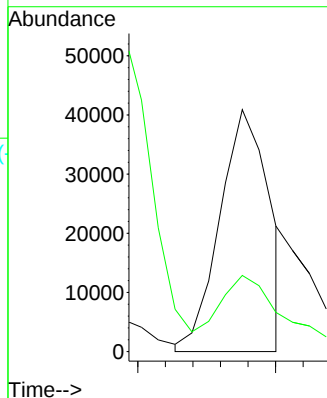
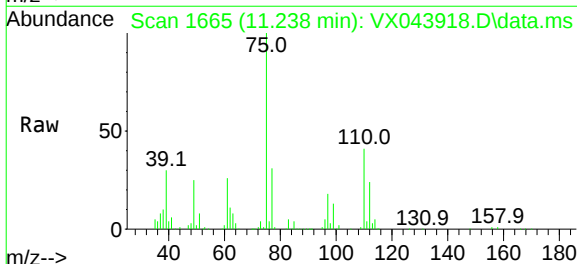
RT: 11.238 min Scan# 1665

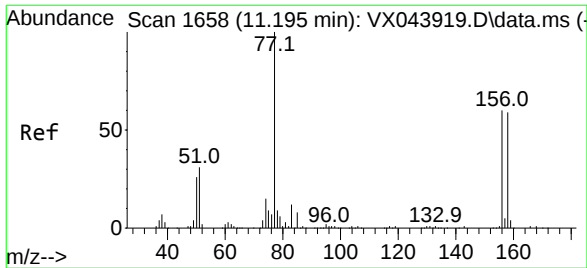
Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion:	75	Resp:	51164
Ion Ratio	Lower	Upper	
75	100		
77	41.6	22.4	67.0





#77

Bromobenzene

Concen: 22.095 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

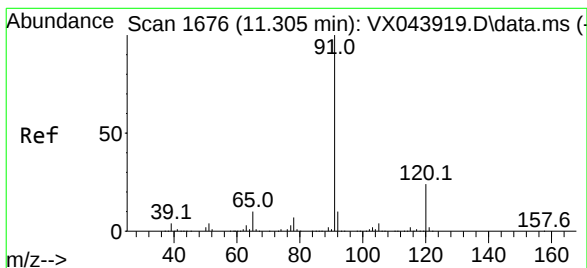
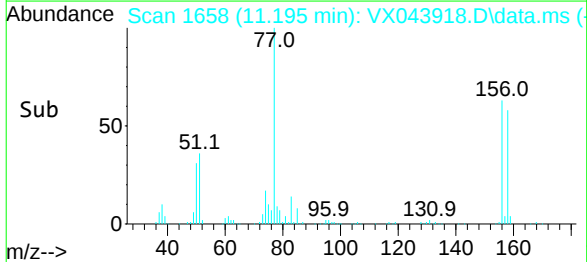
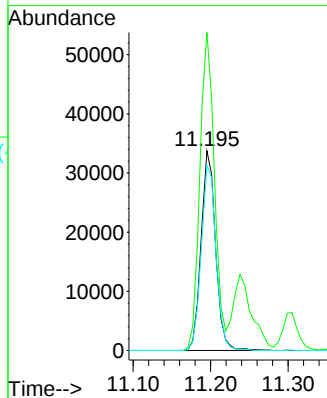
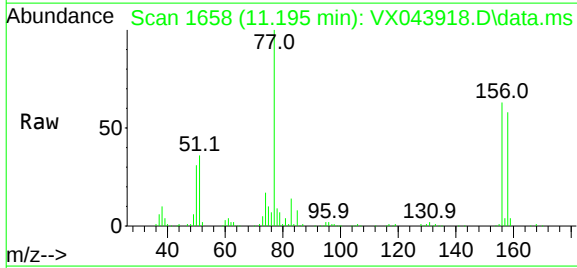
Tgt Ion:	156	Resp:	43740
Ion	Ratio	Lower	Upper
156	100		
77	161.1	81.2	243.6
158	94.6	48.6	145.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#78

n-propylbenzene

Concen: 22.434 ug/l

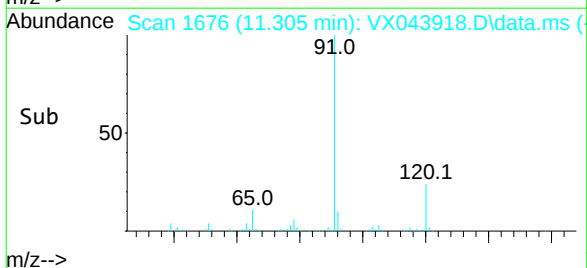
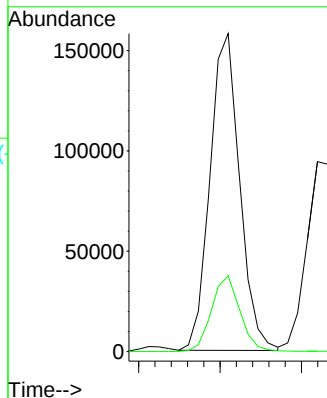
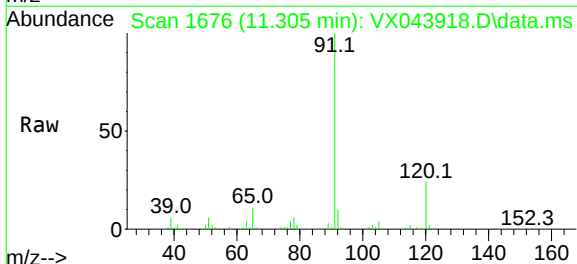
RT: 11.305 min Scan# 1676

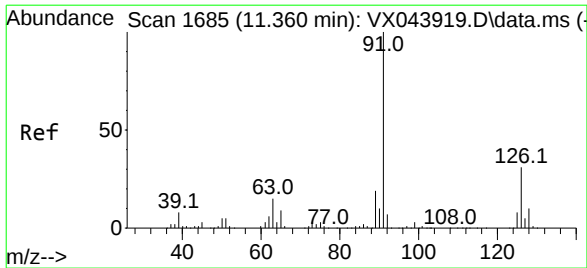
Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion:	91	Resp:	199947
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 22.262 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 126252

Ion Ratio Lower Upper

91 100

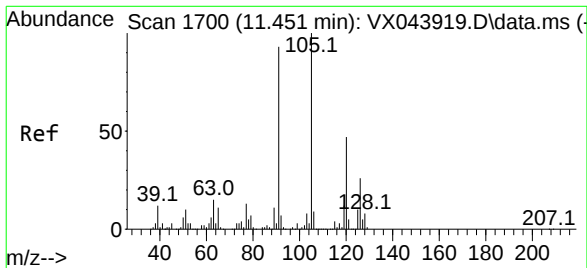
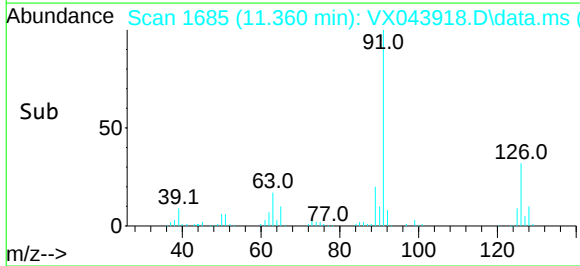
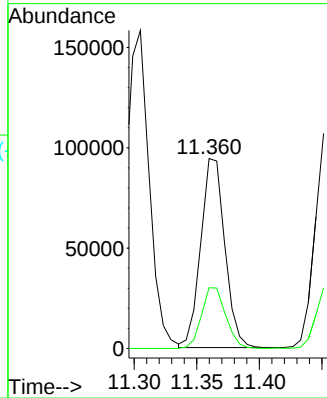
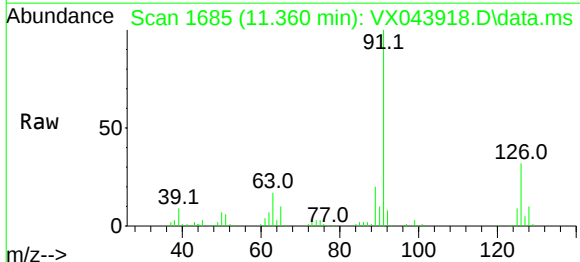
126 32.4 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.540 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043918.D

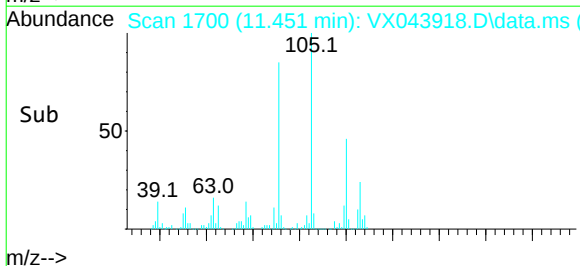
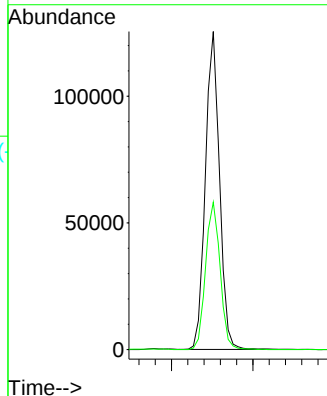
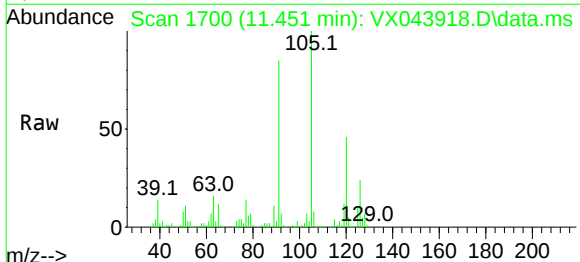
Acq: 20 Nov 2024 17:20

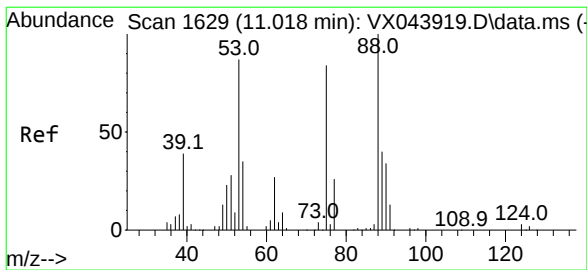
Tgt Ion:105 Resp: 150918

Ion Ratio Lower Upper

105 100

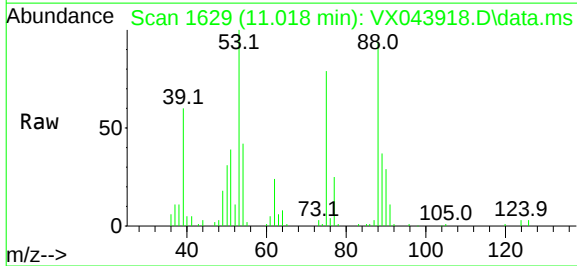
120 47.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.604 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

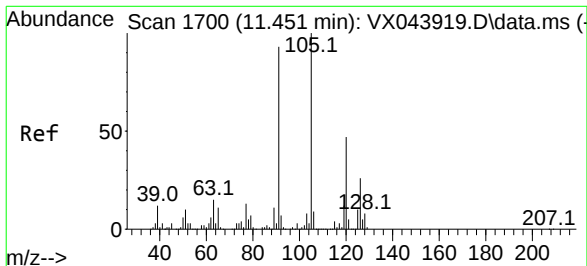
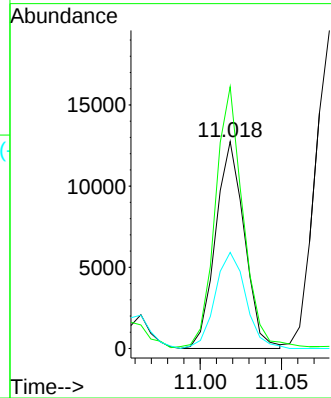
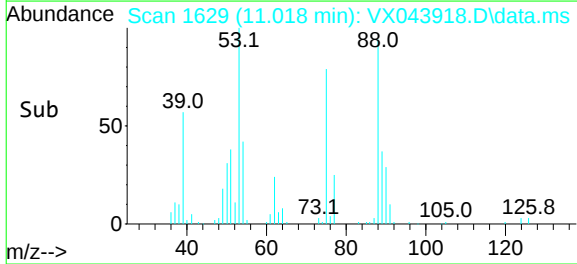
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 15706
Ion Ratio Lower Upper
75 100
53 123.7 81.7 122.5#
89 49.5 38.6 57.8

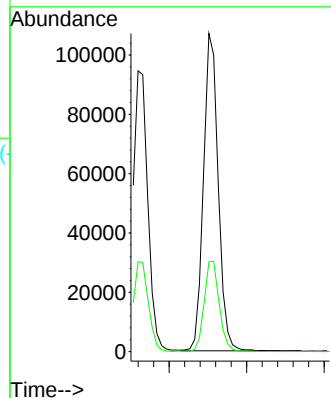
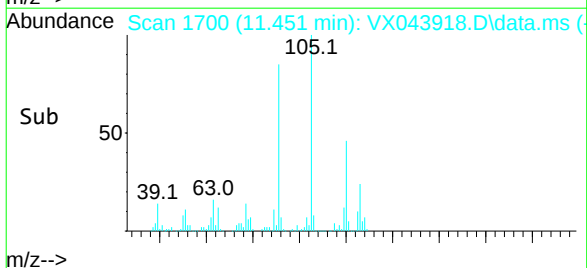
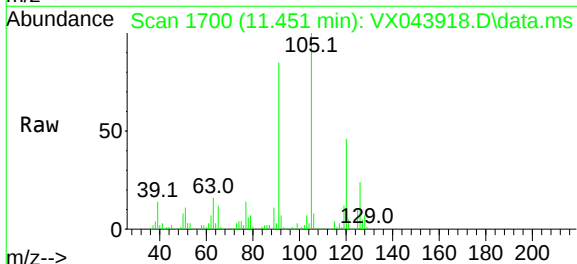
Manual Integrations
APPROVED

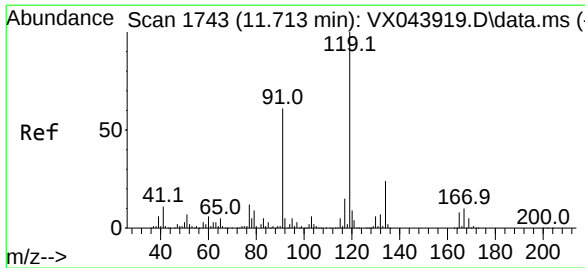
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 21.607 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion: 91 Resp: 141119
Ion Ratio Lower Upper
91 100
126 29.3 14.4 43.2





#83

tert-Butylbenzene

Concen: 21.558 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 147648

Ion Ratio Lower Upper

119 100

91 62.0 29.5 88.6

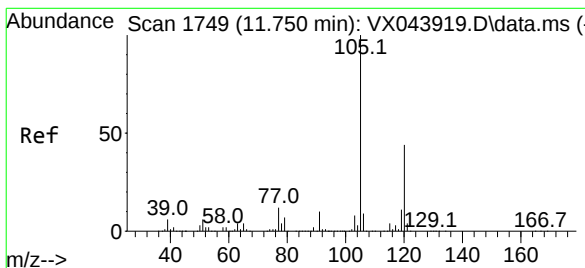
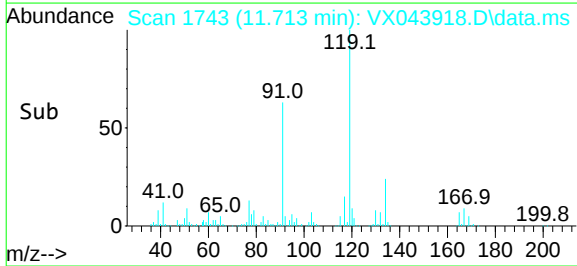
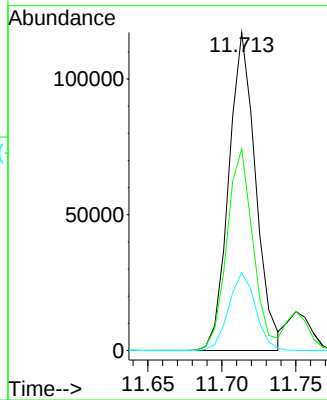
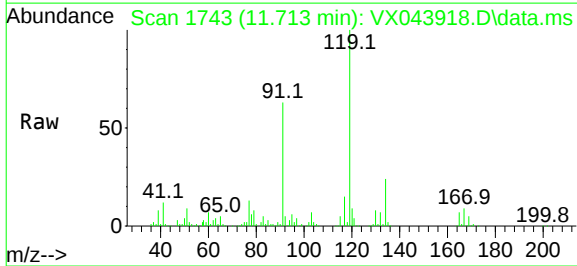
134 24.5 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.114 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043918.D

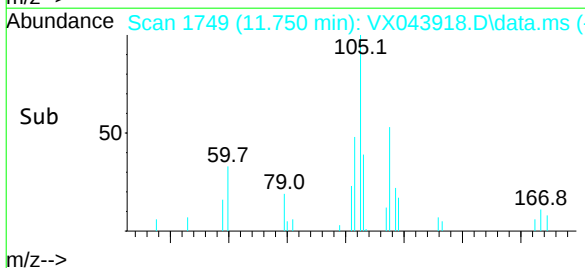
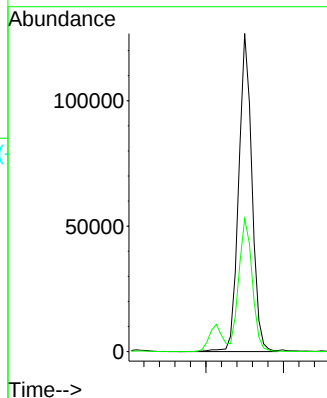
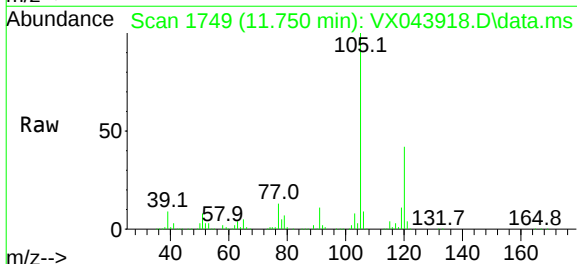
Acq: 20 Nov 2024 17:20

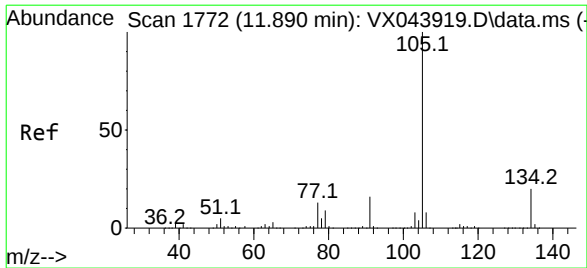
Tgt Ion:105 Resp: 150365

Ion Ratio Lower Upper

105 100

120 42.4 21.7 65.1





#85

sec-Butylbenzene

Concen: 21.602 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 176678

Ion Ratio Lower Upper

105 100

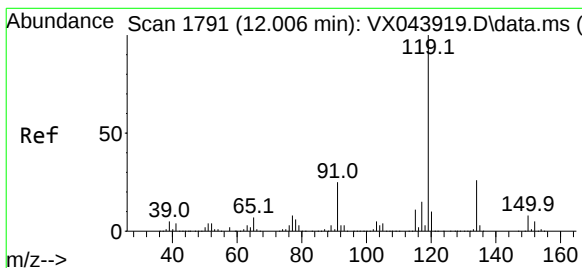
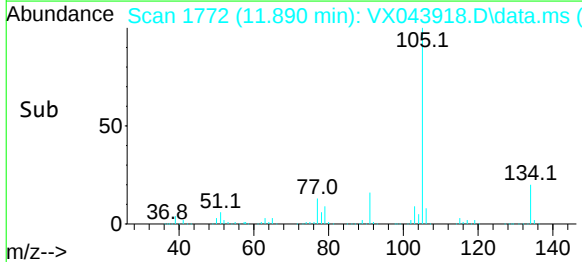
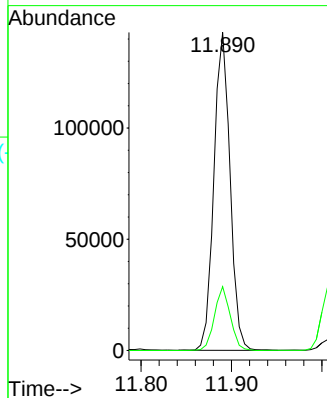
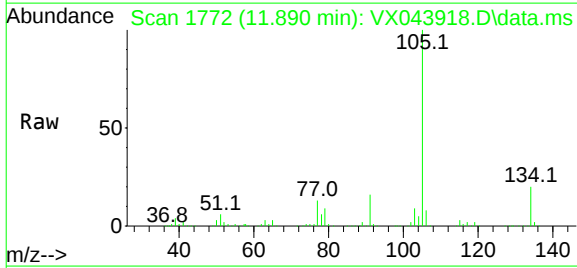
134 19.7 10.0 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#86

p-Isopropyltoluene

Concen: 21.599 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

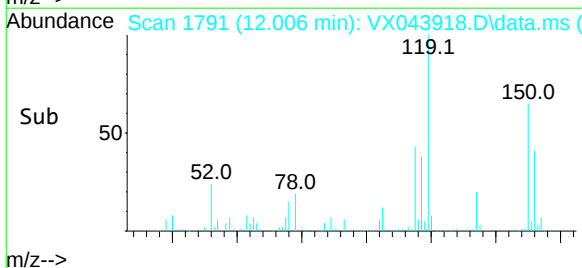
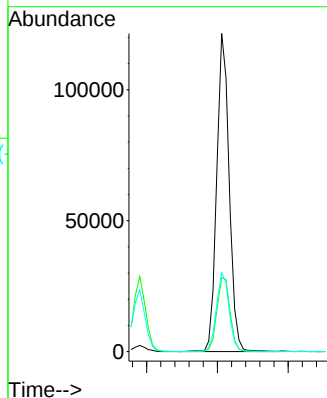
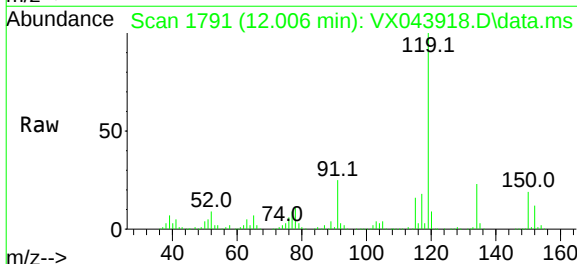
Tgt Ion:119 Resp: 148333

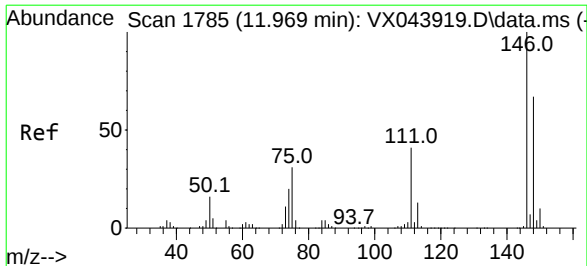
Ion Ratio Lower Upper

119 100

134 24.7 13.0 38.9

91 25.3 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.590 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

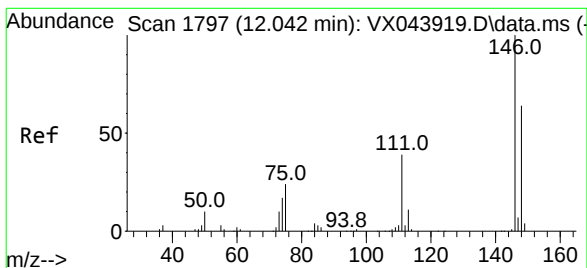
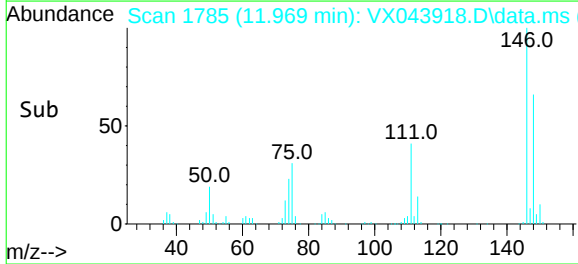
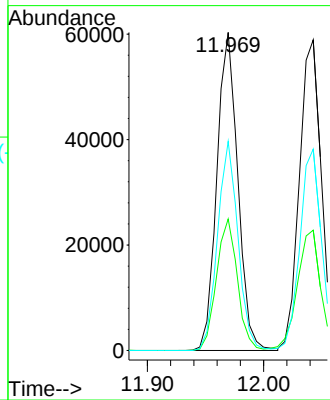
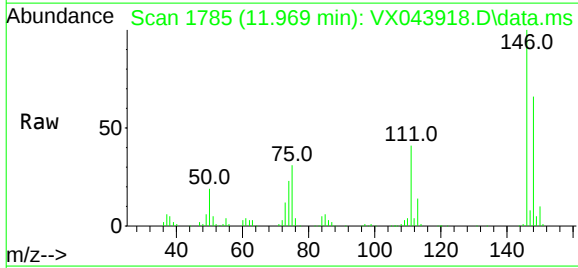
Tgt Ion:	146	Resp:	75543
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.8	62.2
148	64.3	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,4-Dichlorobenzene

Concen: 20.810 ug/l

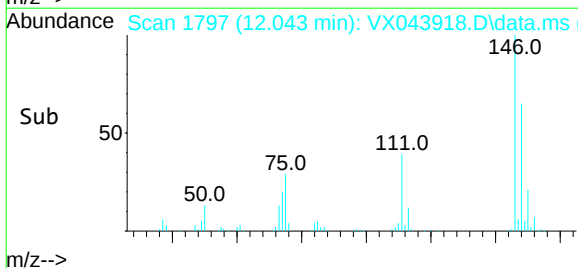
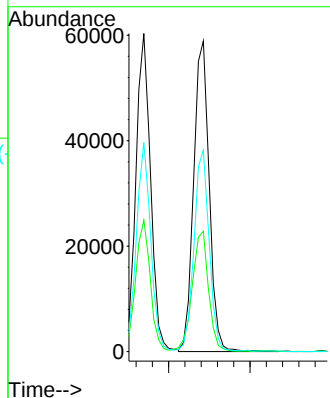
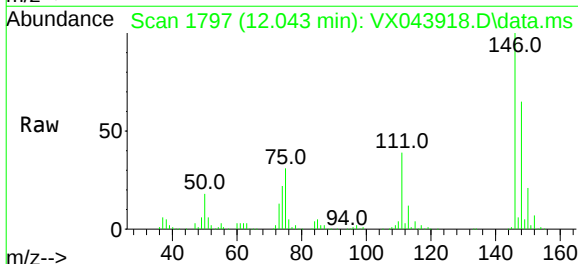
RT: 12.043 min Scan# 1797

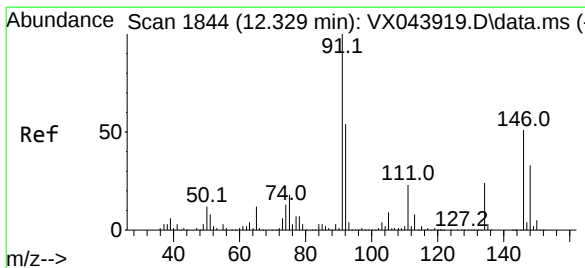
Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion:	146	Resp:	78274
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.1	60.2
148	62.7	32.2	96.6





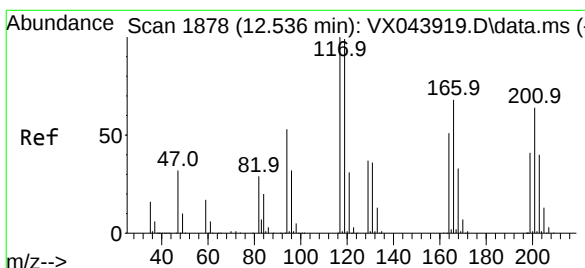
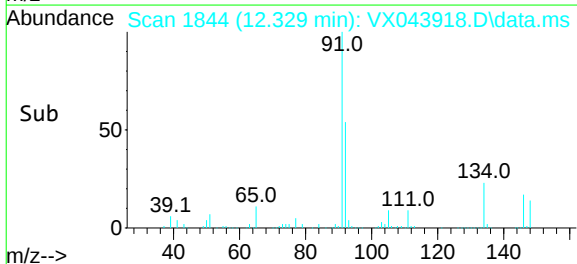
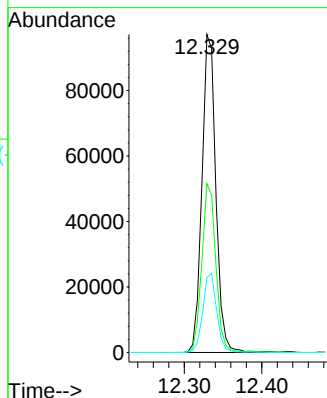
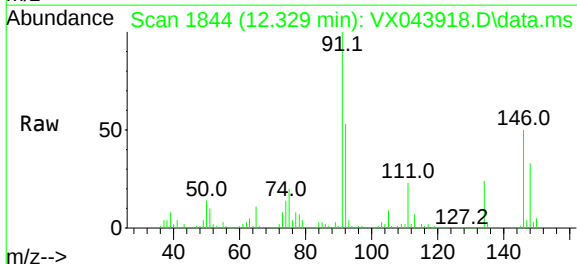
#89
n-Butylbenzene
Concen: 20.716 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 121223
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 25.0 12.9 38.6

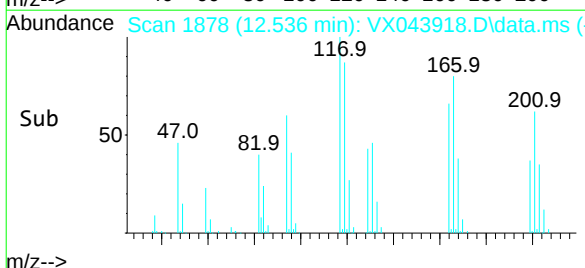
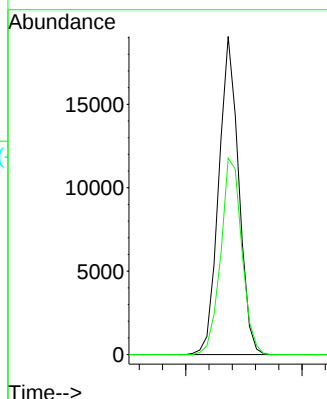
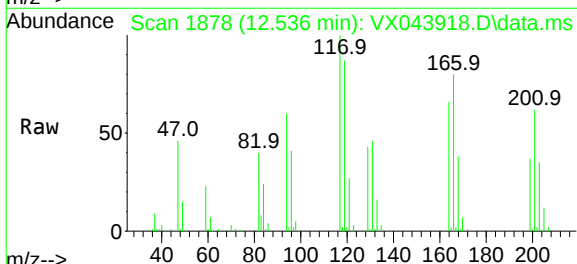
Manual Integrations
APPROVED

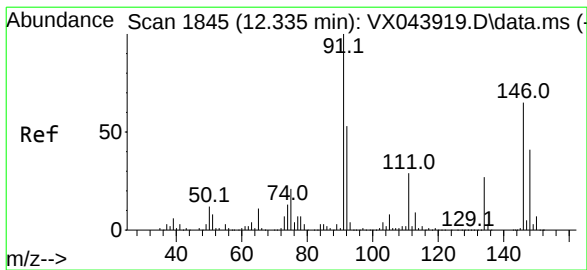
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#90
Hexachloroethane
Concen: 18.812 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043918.D
Acq: 20 Nov 2024 17:20

Tgt Ion:117 Resp: 22673
Ion Ratio Lower Upper
117 100
201 65.5 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 20.266 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 77846

Ion Ratio Lower Upper

146 100

111 43.3 21.7 65.1

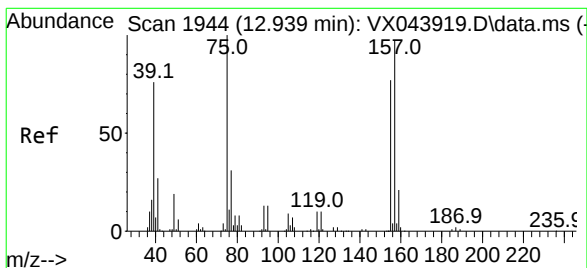
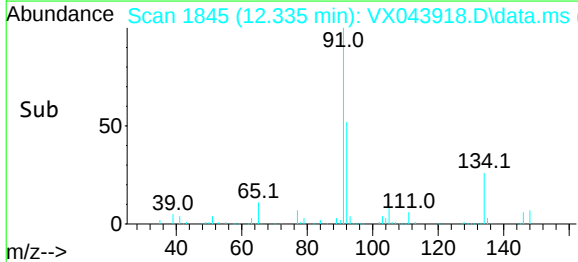
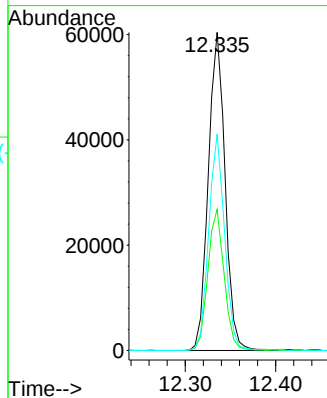
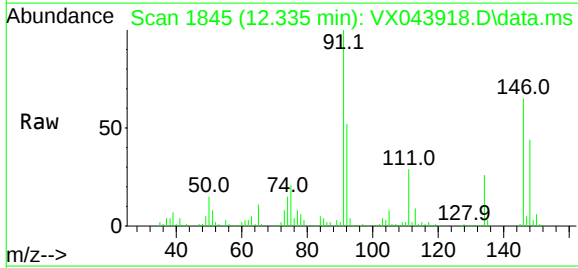
148 64.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.215 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

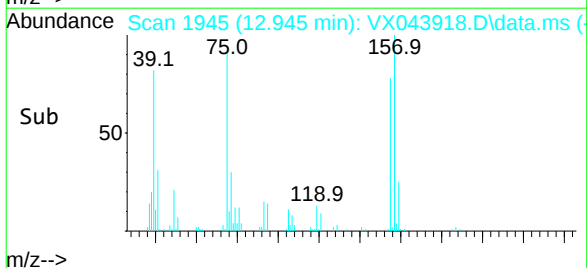
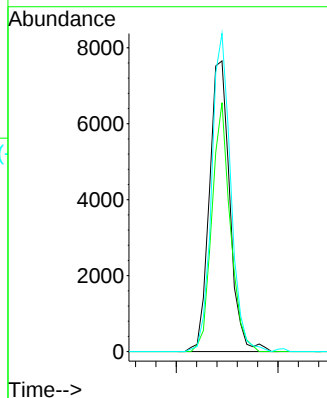
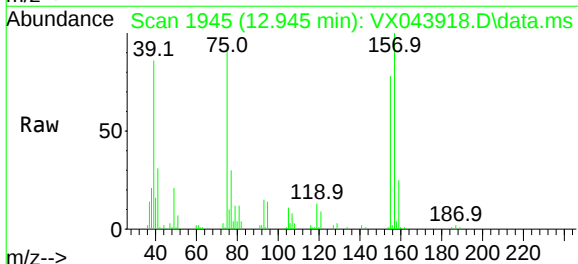
Tgt Ion: 75 Resp: 10665

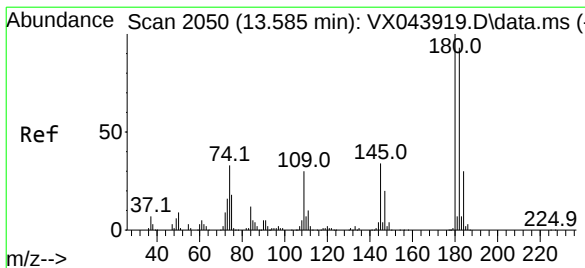
Ion Ratio Lower Upper

75 100

155 77.1 40.8 122.5

157 102.1 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 19.557 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 43905

Ion Ratio Lower Upper

180 100

182 96.6 46.8 140.4

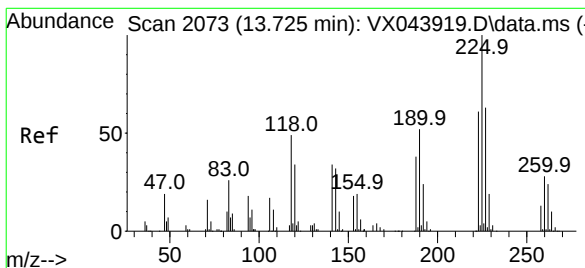
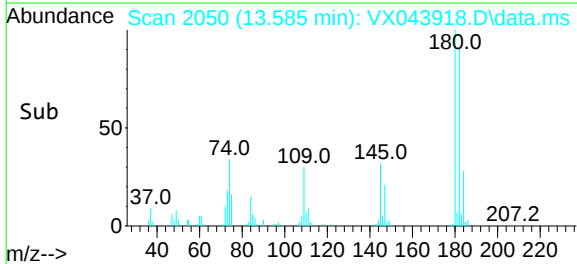
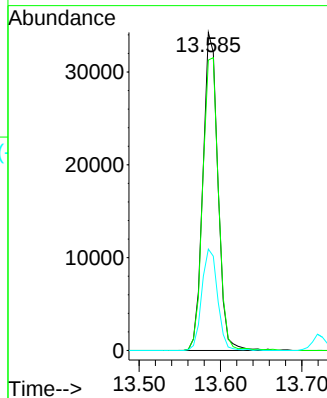
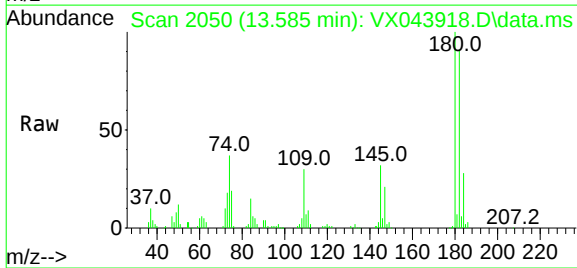
145 33.6 16.4 49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 20.260 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

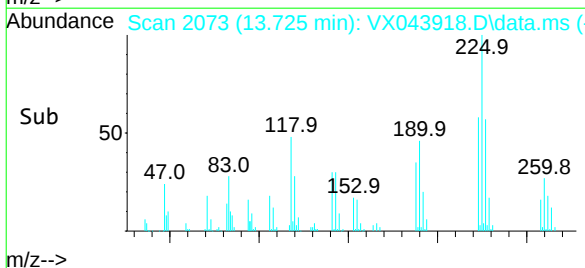
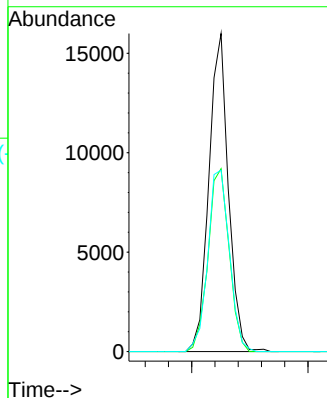
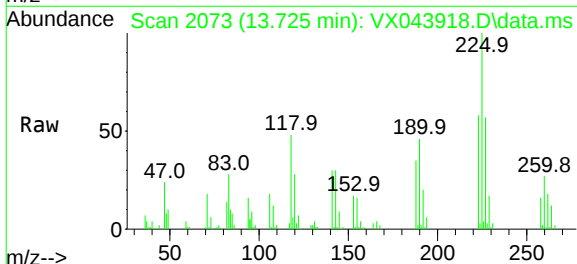
Tgt Ion:225 Resp: 18639

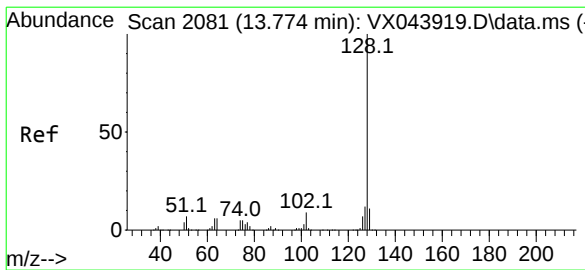
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

227 63.2 29.8 89.5





#95

Naphthalene

Concen: 19.784 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

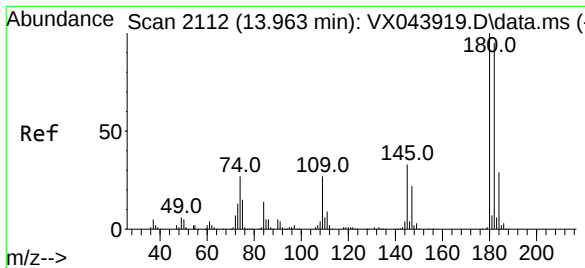
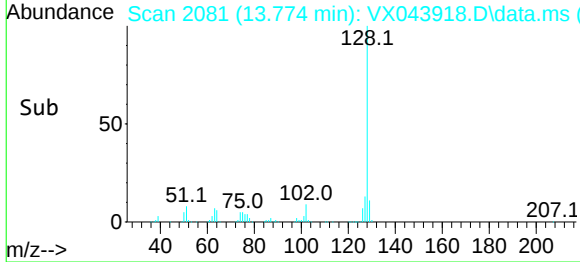
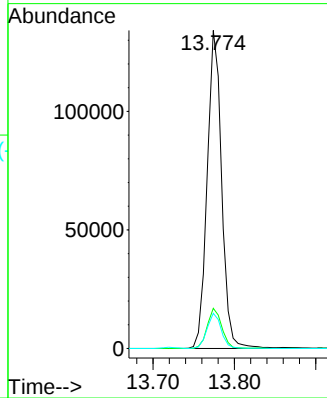
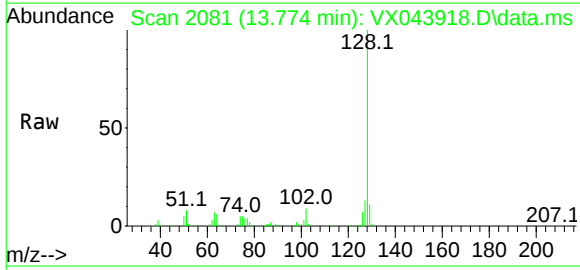
Tgt Ion:	128	Resp:	165605
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.031 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043918.D

Acq: 20 Nov 2024 17:20

Tgt Ion:	180	Resp:	46852
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	32.9	17.4	52.2

