

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041548.D
 Acq On : 15 May 2024 18:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 05:29:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	28946	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	157910	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	145292	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66156	29.022	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.733%	
60) 4-Bromofluorobenzene	11.079	95	68960	30.404	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.333%	
63) Toluene-d8	8.647	98	189106	30.363	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28842	19.050	ug/l	99
3) Chloromethane	1.294	50	30895	18.635	ug/l	95
4) Vinyl Chloride	1.374	62	30581	17.520	ug/l	96
5) Bromomethane	1.599	94	20418	18.391	ug/l	99
6) Chloroethane	1.666	64	17683	20.037	ug/l	96
7) Trichlorofluoromethane	1.868	101	50209	18.950	ug/l	96
8) Diethyl Ether	2.136	74	17748	17.938	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	30487	19.843	ug/l	98
10) 1,1-Dichloroethene	2.306	96	29984	20.247	ug/l	97
11) Methyl Iodide	2.441	142	39241	22.247	ug/l	98
12) Methyl Acetate	2.709	43	43559	19.530	ug/l	100
13) Acrolein	2.239	56	19500	71.815	ug/l	98
14) Acrylonitrile	3.069	53	92570	94.399	ug/l	99
15) Acetone	2.392	58	23830	90.697	ug/l	92
16) Carbon Disulfide	2.502	76	61916	18.517	ug/l	100
17) Allyl chloride	2.660	41	49036	18.658	ug/l	98
18) Methylene Chloride	2.788	84	34868	19.796	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	31132	18.332	ug/l	99
20) Diisopropyl ether	3.764	45	103766	18.792	ug/l	96
21) 1,1-Dichloroethane	3.605	63	57691	18.615	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	38051	18.439	ug/l	98
23) tert-Butyl Alcohol	3.001	59	39942m	95.981	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	102628	18.562	ug/l	99
25) Chloroform	5.086	83	61847	18.733	ug/l	95
26) Cyclohexane	5.464	56	47167	18.251	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	38789	18.570	ug/l	97
30) 2-Butanone	4.568	43	132562	95.610	ug/l	99
31) 2,2-Dichloropropane	4.471	77	43186	17.616	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	53404	19.054	ug/l	99
33) Carbon Tetrachloride	5.678	117	44913	18.728	ug/l	97
34) Benzene	6.038	78	128669	19.504	ug/l	99
35) Methacrylonitrile	4.928	41	27603	19.736	ug/l	98
36) 1,2-Dichloroethane	6.086	62	48214	19.585	ug/l	99
37) Trichloroethene	7.123	130	34678	18.867	ug/l	100
38) Methylcyclohexane	7.379	83	48468	18.274	ug/l	100
39) 1,2-Dichloropropane	7.428	63	29753	19.079	ug/l	95
40) Dibromomethane	7.580	93	23566	19.201	ug/l	99
41) Bromodichloromethane	7.818	83	43162	18.732	ug/l	96
42) Vinyl Acetate	3.721	43	466319	96.938	ug/l	100

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 Sample : VSTDCCC020
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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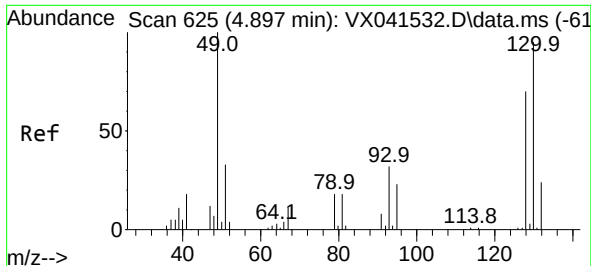
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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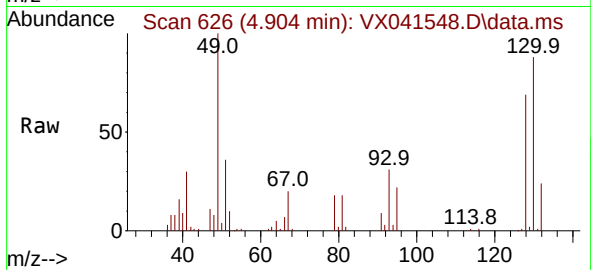
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	48357	18.076	ug/l	96
44) Isopropyl Acetate	6.342	43	77714	19.217	ug/l	99
45) 1,4-Dioxane	7.665	88	16858m	369.642	ug/l	
46) Methyl methacrylate	7.696	41	39153	19.459	ug/l	99
47) n-amyl Acetate	10.842	43	68376	18.645	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	41414	17.898	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	45604	18.196	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	33214	19.454	ug/l	99
51) Ethyl methacrylate	9.116	69	51575	18.767	ug/l	98
52) 1,3-Dichloropropane	9.305	76	55034	19.507	ug/l	99
53) Dibromochloromethane	9.519	129	35285	18.164	ug/l	99
54) 1,2-Dibromoethane	9.610	107	35058	19.364	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	118184	88.106	ug/l	99
56) Bromoform	10.799	173	27935	17.949	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	268109	100.994	ug/l	99
59) 2-Hexanone	9.433	43	205154	97.006	ug/l	99
61) Tetrachloroethene	9.275	164	33992	19.122	ug/l	92
62) Toluene	8.720	91	140439	19.426	ug/l	100
64) Chlorobenzene	10.079	112	96097	19.569	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	33019	18.997	ug/l	99
66) Ethyl Benzene	10.195	91	156937	19.549	ug/l	99
67) m/p-Xylenes	10.299	106	123421	39.316	ug/l	98
68) o-Xylene	10.640	106	60908	19.275	ug/l	100
69) Styrene	10.653	104	101491	19.156	ug/l	99
70) Isopropylbenzene	10.963	105	159161	19.933	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	55110	20.091	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	50363m	20.359	ug/l	
73) Bromobenzene	11.195	156	45561	19.419	ug/l	99
74) n-propylbenzene	11.305	91	173951	19.320	ug/l	100
75) 2-Chlorotoluene	11.366	91	110935	19.621	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	133112	19.531	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	13210	16.990	ug/l	93
78) 4-Chlorotoluene	11.451	91	124100	19.271	ug/l	99
79) tert-butylbenzene	11.713	119	134804	18.584	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	126028	18.449	ug/l	99
81) sec-Butylbenzene	11.890	105	163498	19.289	ug/l	99
82) p-Isopropyltoluene	12.006	119	142189	19.163	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	78836	18.736	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	80345	18.897	ug/l	99
85) n-Butylbenzene	12.329	91	107907	18.073	ug/l	99
86) Hexachloroethane	12.536	117	20822	16.668	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	82305	19.164	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11552	19.177	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	52638	18.241	ug/l	98
90) Hexachlorobutadiene	13.725	225	26514	18.833	ug/l	99
91) Naphthalene	13.774	128	166847	19.345	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	56968	19.322	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

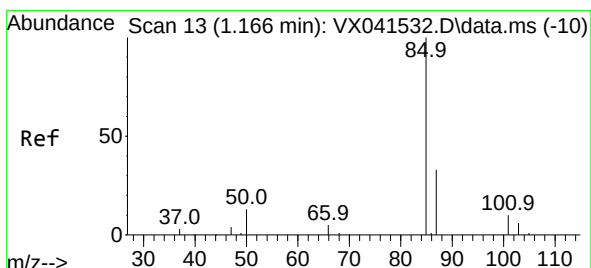
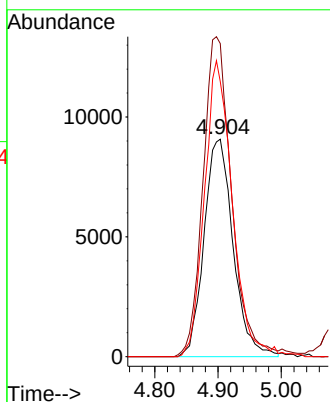
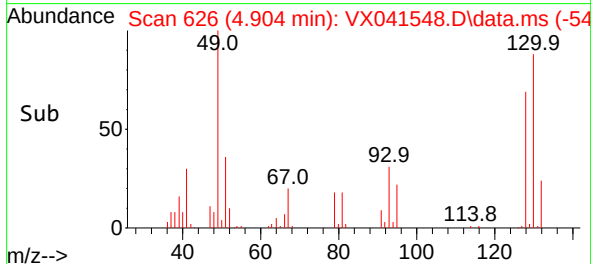
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 28940
Ion Ratio Lower Upper
128 100
49 144.8 0.0 361.5
130 129.6 0.0 324.3

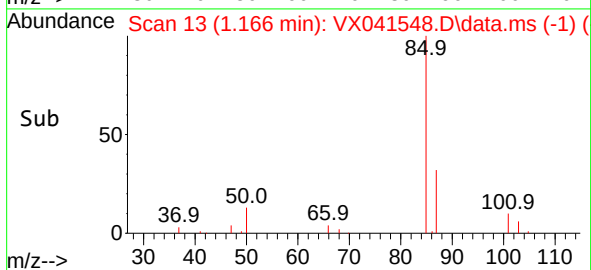
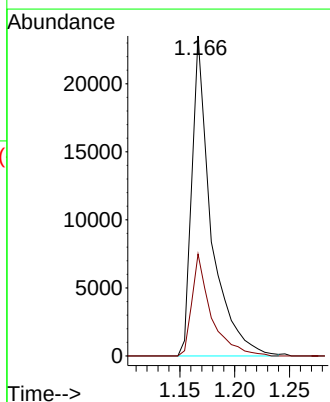
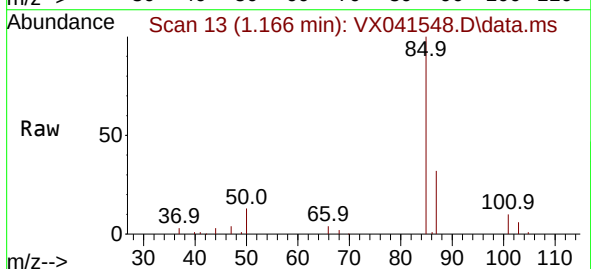
Manual Integrations
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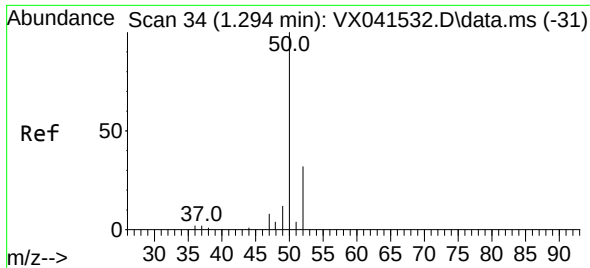
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 19.050 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

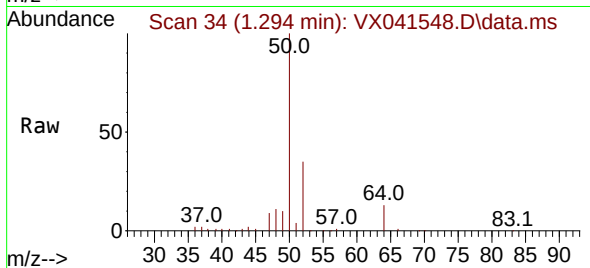
Tgt Ion: 85 Resp: 28842
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.1





#3
Chloromethane
Concen: 18.635 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

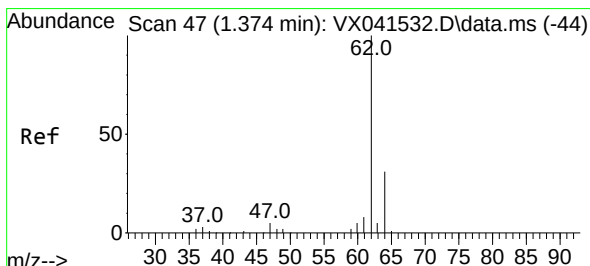
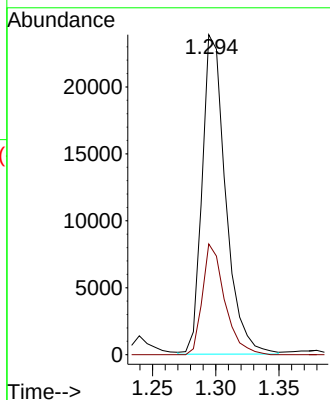
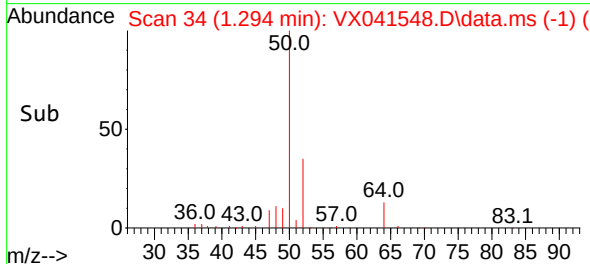
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 3089
Ion Ratio Lower Upper
50 100
52 34.9 25.8 38.8

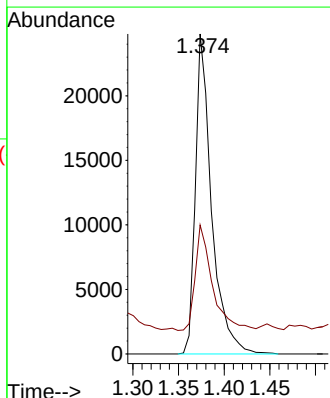
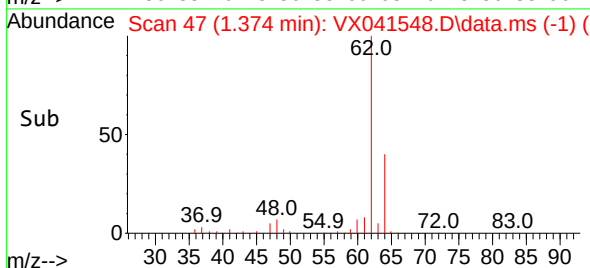
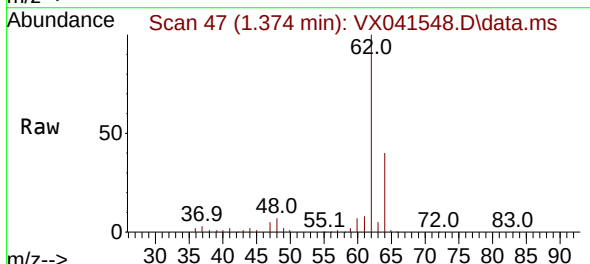
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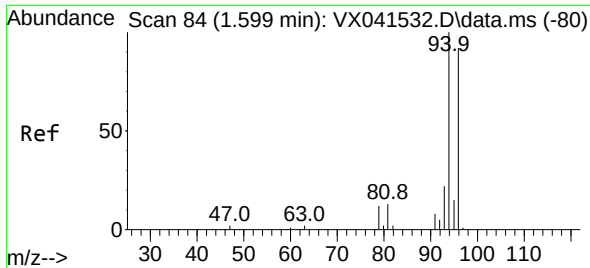
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 17.520 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

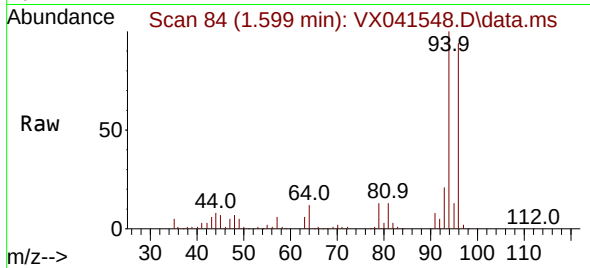
Tgt Ion: 62 Resp: 30581
Ion Ratio Lower Upper
62 100
64 32.9 24.6 37.0





#5
Bromomethane
Concen: 18.391 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

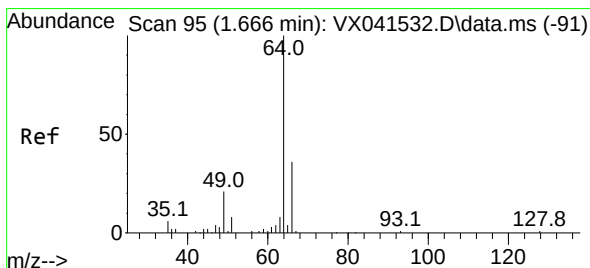
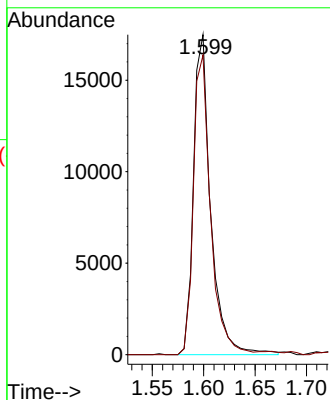
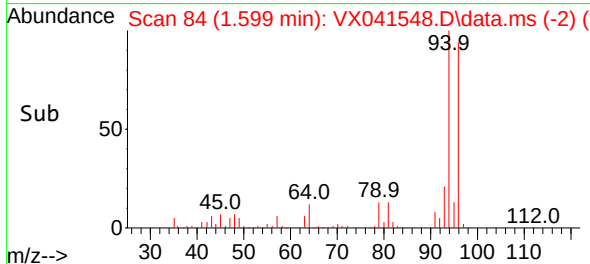
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 20418
Ion Ratio Lower Upper
94 100
96 93.6 73.9 110.9

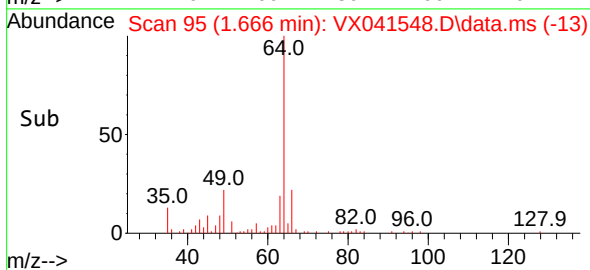
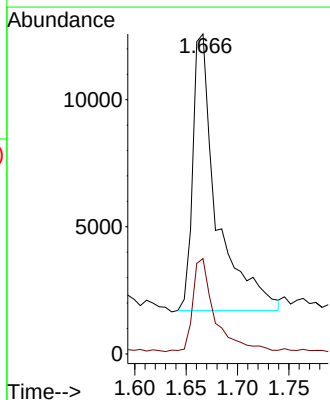
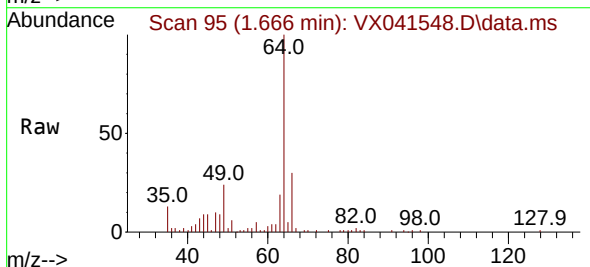
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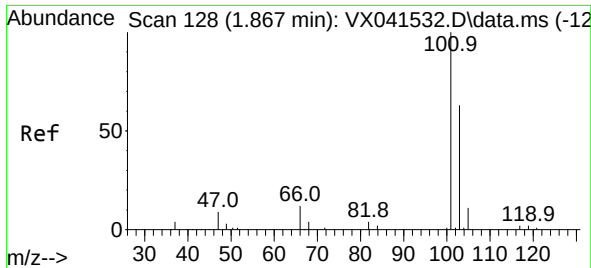
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 20.037 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

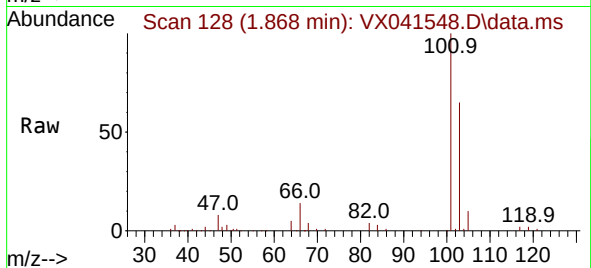
Tgt Ion: 64 Resp: 17683
Ion Ratio Lower Upper
64 100
66 33.2 28.6 42.8





#7
Trichlorofluoromethane
Concen: 18.950 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

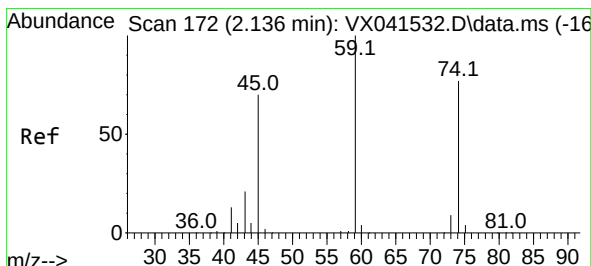
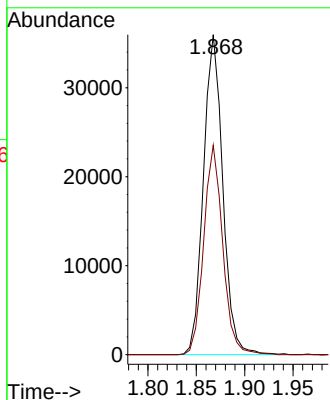
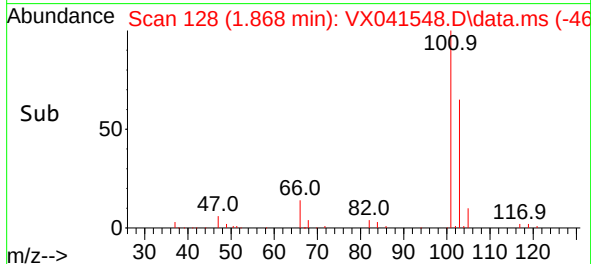
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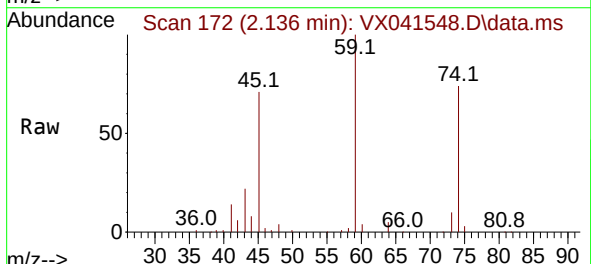
Tgt Ion:101 Resp: 50209
Ion Ratio Lower Upper
101 100
103 65.4 50.1 75.1

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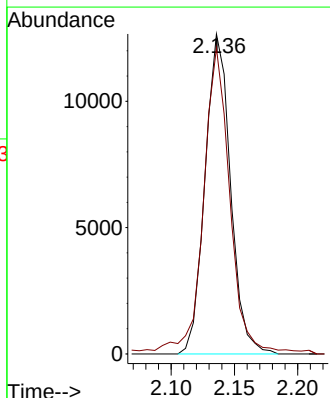
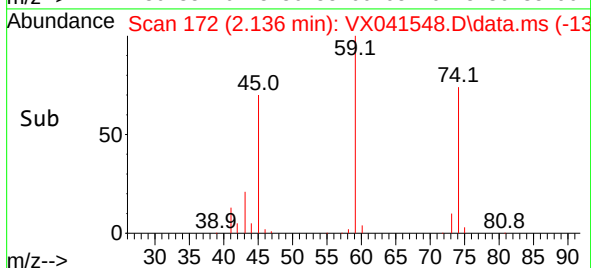
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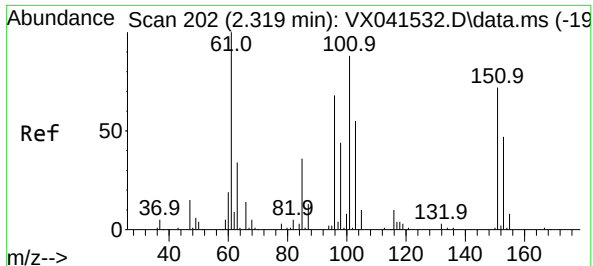


#8
Diethyl Ether
Concen: 17.938 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



Tgt Ion: 74 Resp: 17748
Ion Ratio Lower Upper
74 100
45 97.6 18.6 167.4





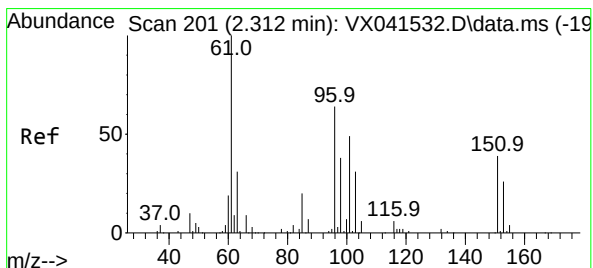
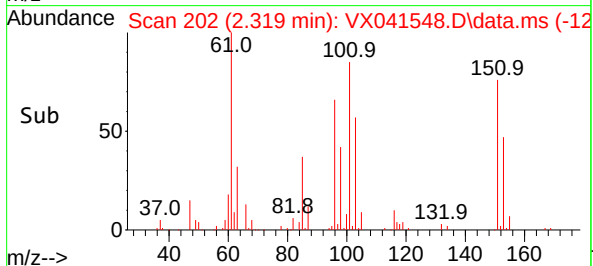
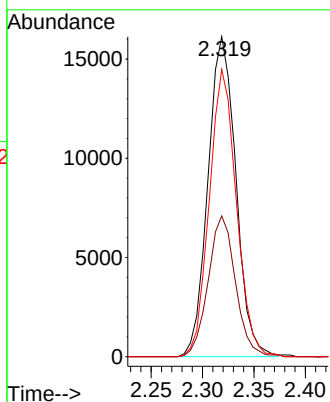
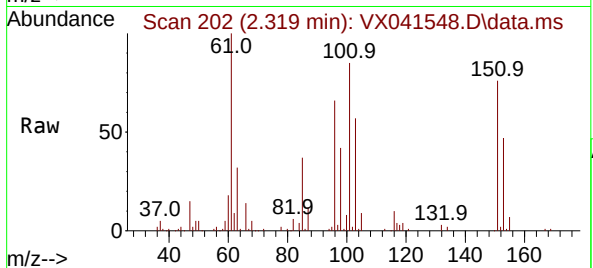
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.843 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3048
Ion Ratio Lower Upper
101 100
85 42.8 0.0 84.6
151 86.9 0.0 170.2

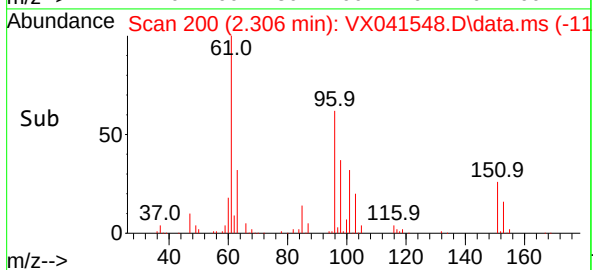
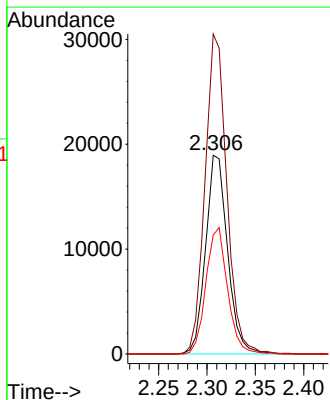
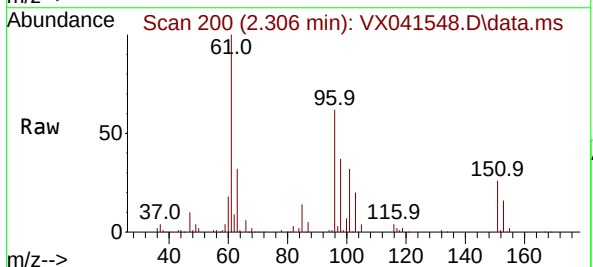
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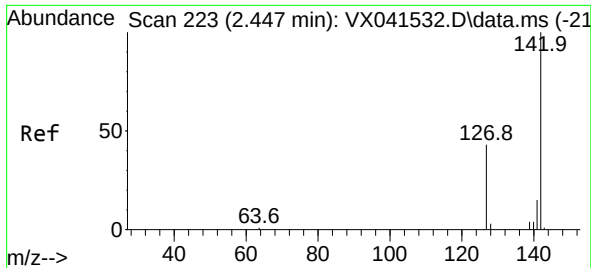
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
1,1-Dichloroethene
Concen: 20.247 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 96 Resp: 29984
Ion Ratio Lower Upper
96 100
61 161.0 124.5 186.7
98 59.8 47.9 71.9





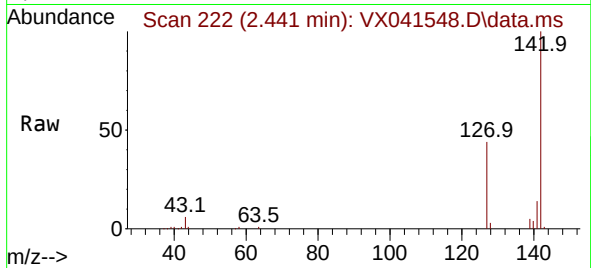
#11
Methyl Iodide
Concen: 22.247 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



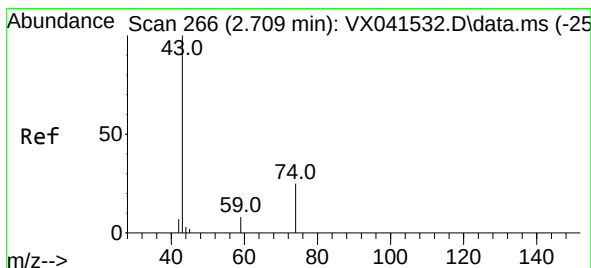
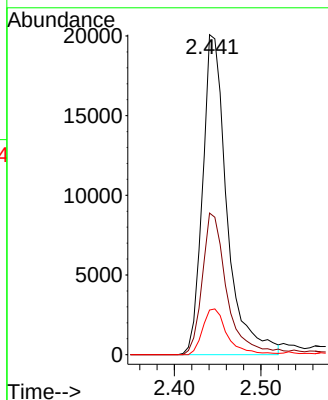
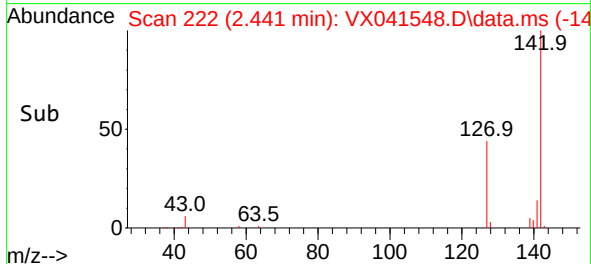
Tgt Ion:142 Resp: 3924
Ion Ratio Lower Upper
142 100
127 44.1 21.4 64.2
141 13.9 7.6 22.8

Manual Integrations

APPROVED

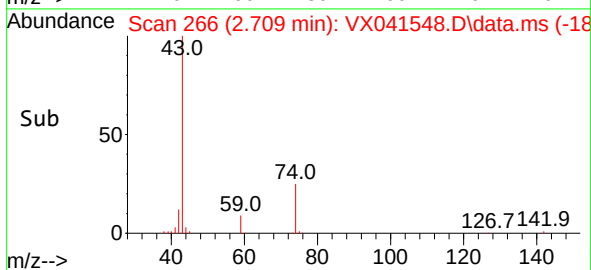
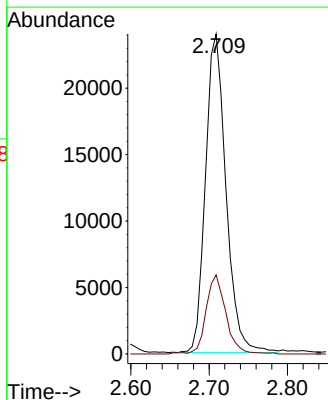
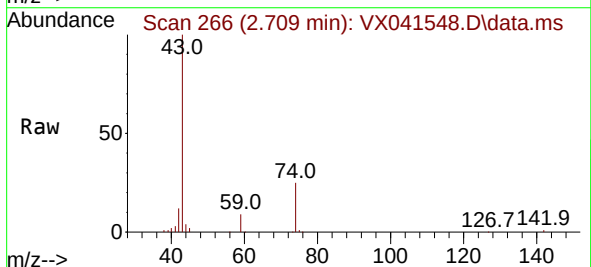
Reviewed By :John Carlone 05/16/2024

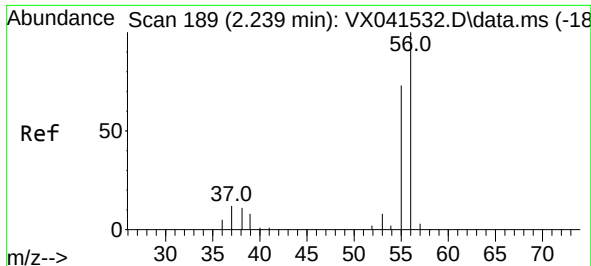
Supervised By :Mahesh Dadoda 05/16/2024



#12
Methyl Acetate
Concen: 19.530 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 43 Resp: 43559
Ion Ratio Lower Upper
43 100
74 24.7 19.9 29.9





#13

Acrolein

Concen: 71.815 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 19500

Ion Ratio Lower Upper

56 100

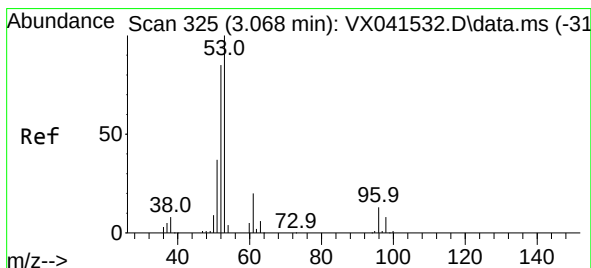
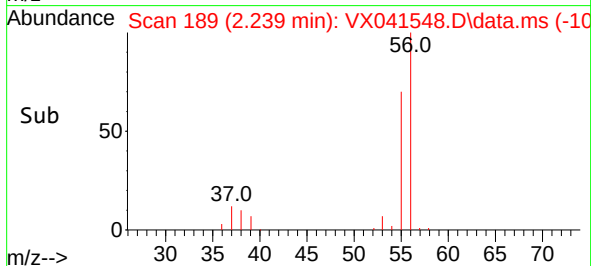
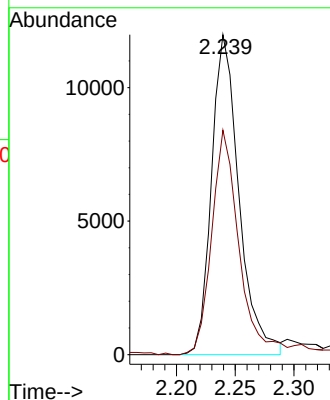
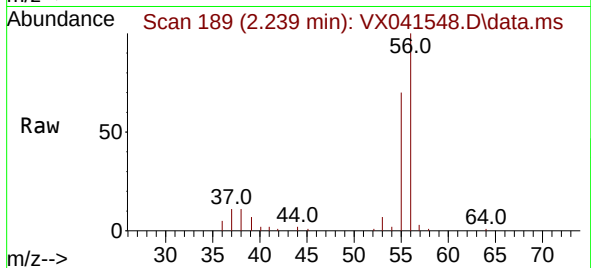
55 67.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Acrylonitrile

Concen: 94.399 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

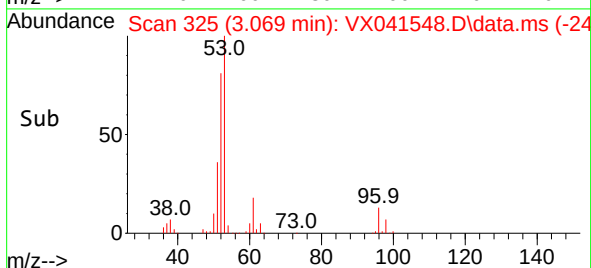
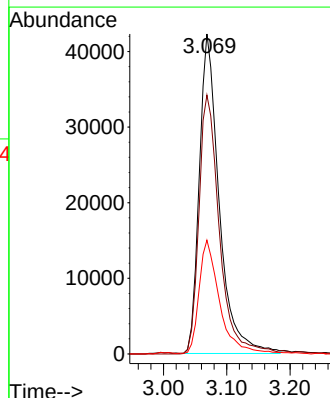
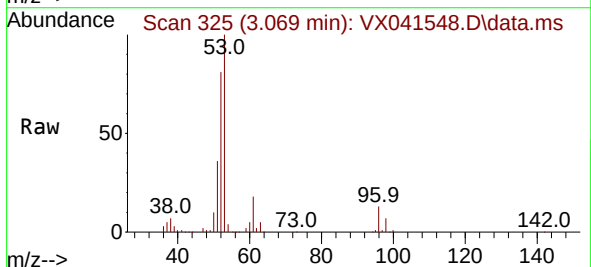
Tgt Ion: 53 Resp: 92570

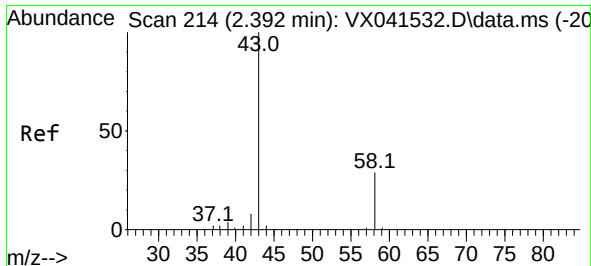
Ion Ratio Lower Upper

53 100

52 83.1 41.3 123.7

51 36.4 18.4 55.0





#15

Acetone

Concen: 90.697 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 23830

Ion Ratio Lower Upper

58 100

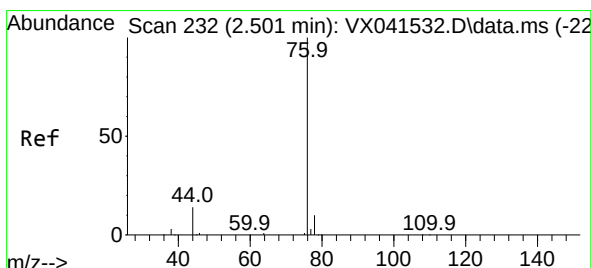
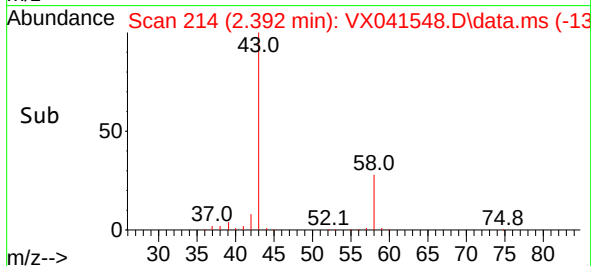
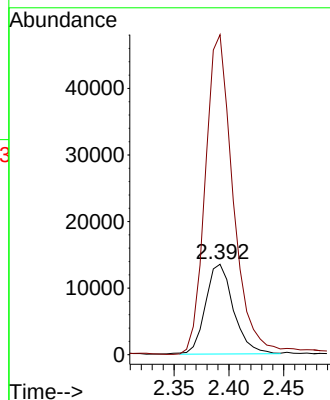
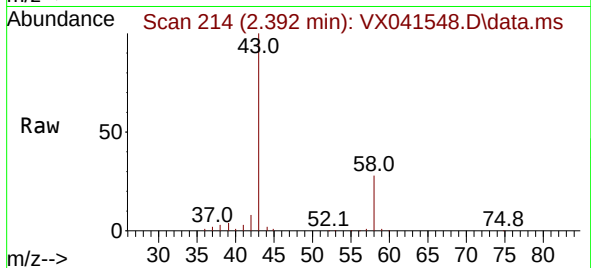
43 359.1 274.0 411.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#16

Carbon Disulfide

Concen: 18.517 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041548.D

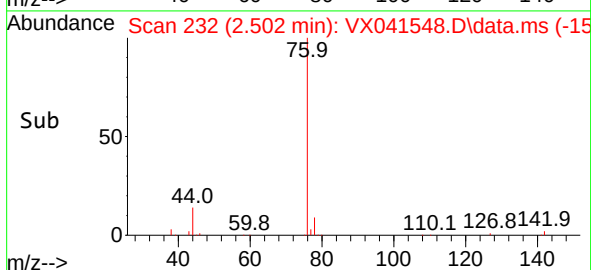
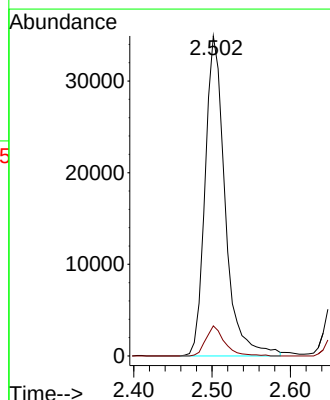
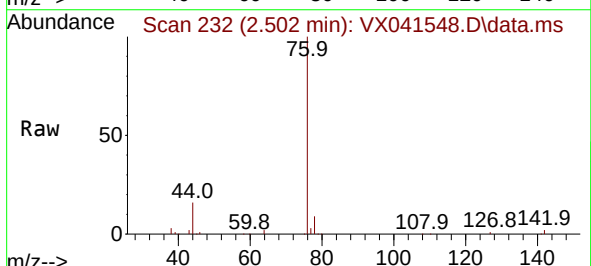
Acq: 15 May 2024 18:38

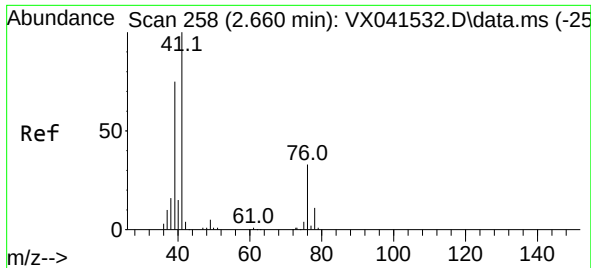
Tgt Ion: 76 Resp: 61916

Ion Ratio Lower Upper

76 100

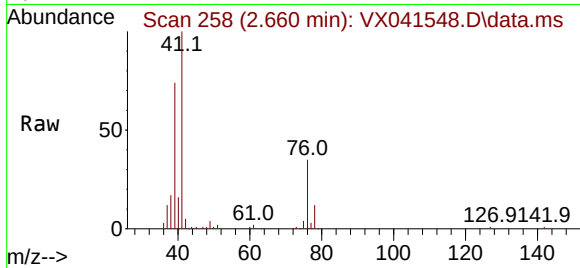
78 9.4 7.6 11.4





#17
 Allyl chloride
 Concen: 18.658 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041548.D
 Acq: 15 May 2024 18:38

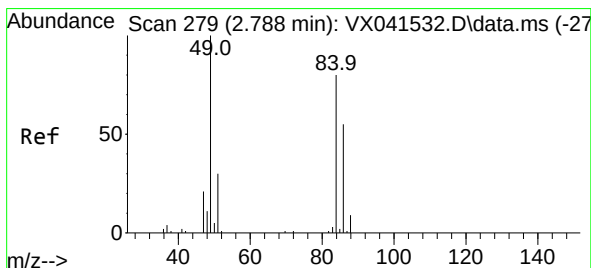
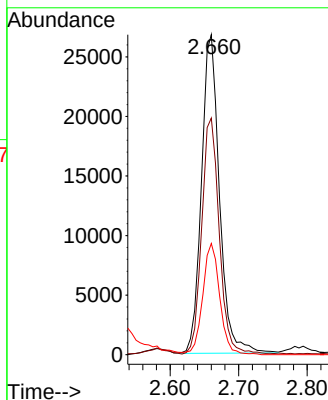
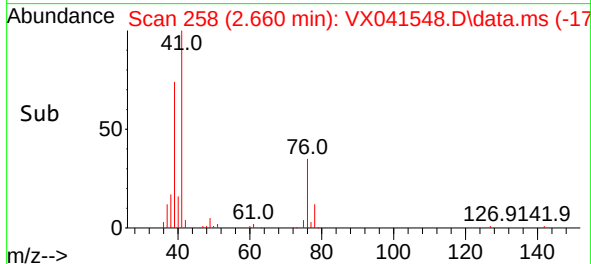
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 49036
 Ion Ratio Lower Upper
 41 100
 39 73.9 37.5 112.7
 76 34.9 16.6 49.8

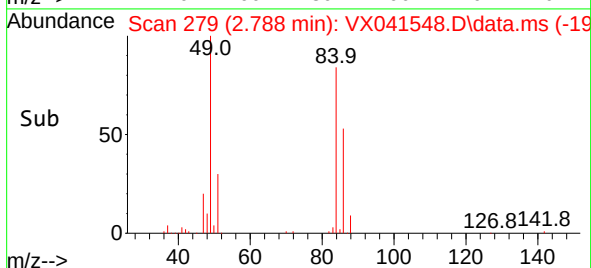
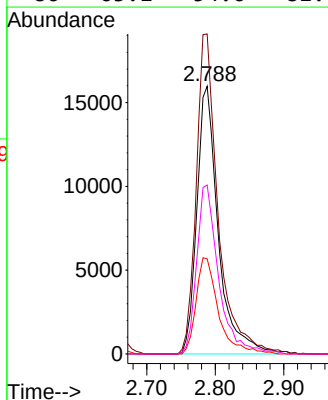
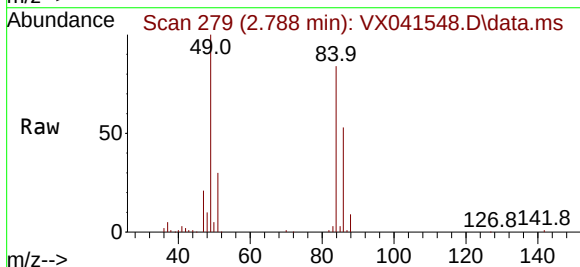
Manual Integrations
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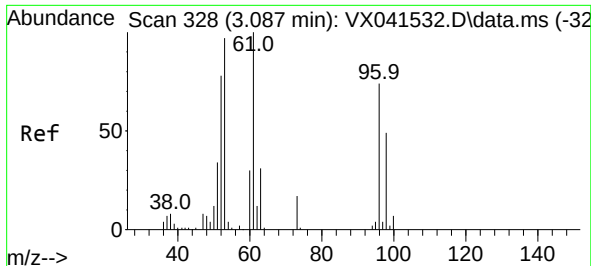
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#18
 Methylene Chloride
 Concen: 19.796 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX041548.D
 Acq: 15 May 2024 18:38

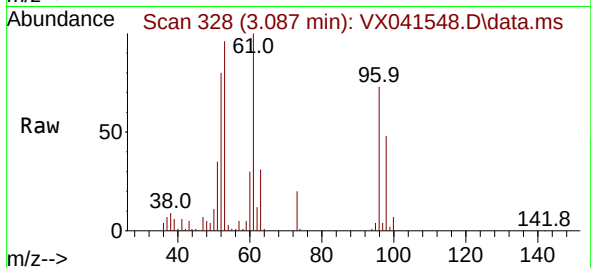
Tgt Ion: 84 Resp: 34868
 Ion Ratio Lower Upper
 84 100
 49 119.5 99.8 149.8
 51 35.6 30.2 45.4
 86 63.1 54.6 81.8





#19
trans-1,2-Dichloroethene
Concen: 18.332 ug/l
RT: 3.087 min Scan# 3113
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

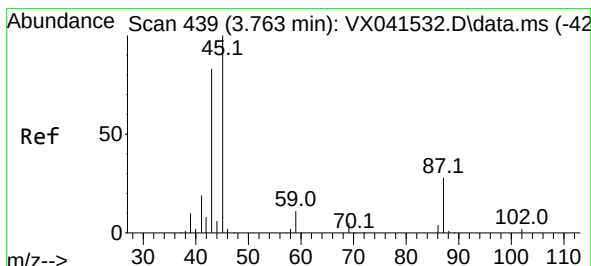
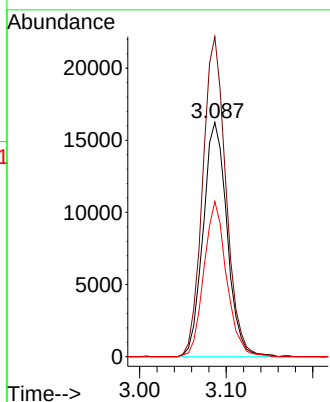
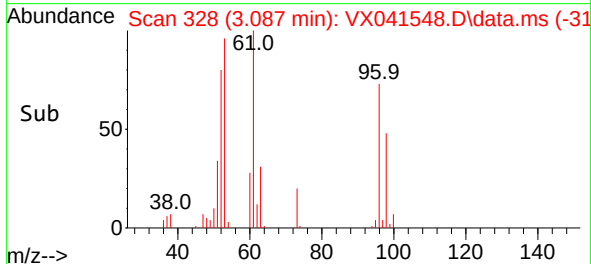
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 3113
Ion Ratio Lower Upper
96 100
61 136.6 107.7 161.5
98 66.3 53.1 79.7

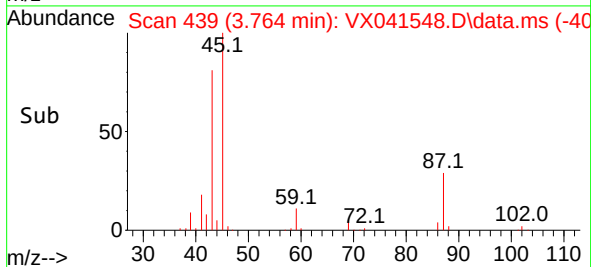
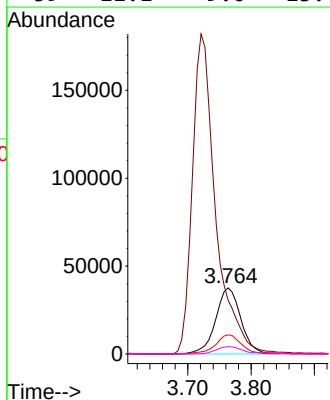
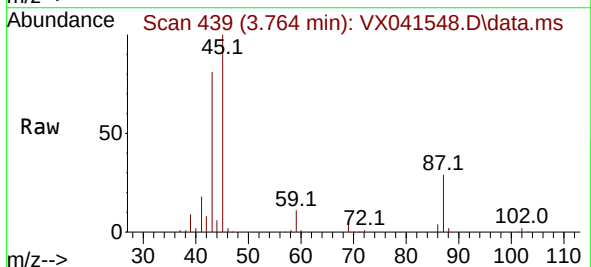
Manual Integrations
APPROVED

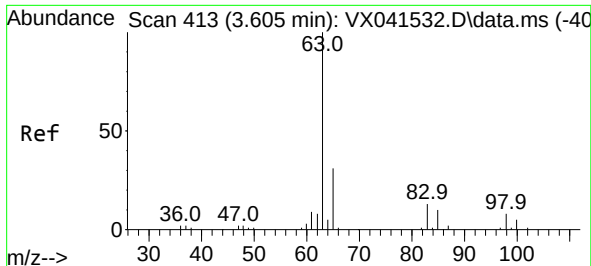
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Diisopropyl ether
Concen: 18.792 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 45 Resp: 103766
Ion Ratio Lower Upper
45 100
43 78.7 66.7 100.1
87 28.8 22.4 33.6
59 11.1 9.0 13.4





#21

1,1-Dichloroethane

Concen: 18.615 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

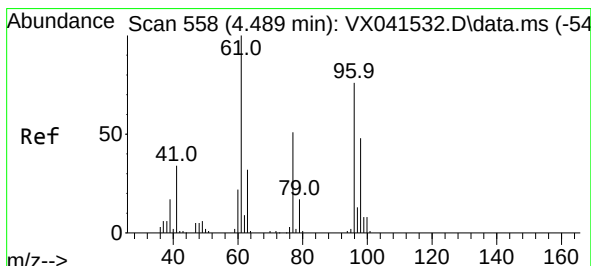
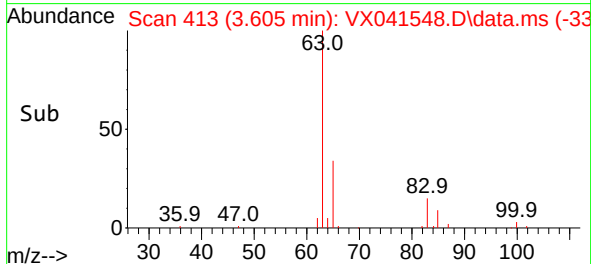
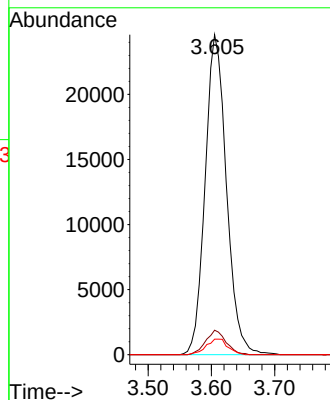
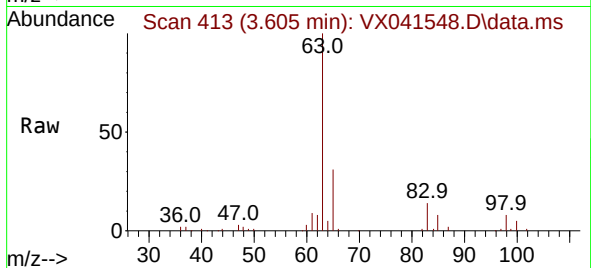
Tgt Ion: 63	Resp: 5769
Ion Ratio	Lower Upper
63	100
98	7.7 3.8 11.4
100	4.9 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#22

cis-1,2-Dichloroethene

Concen: 18.439 ug/l

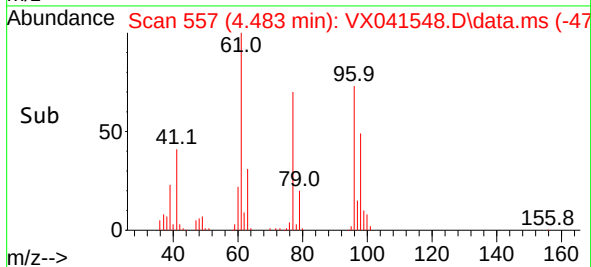
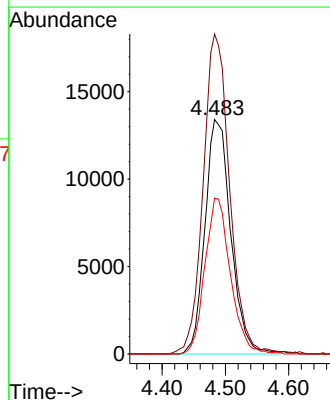
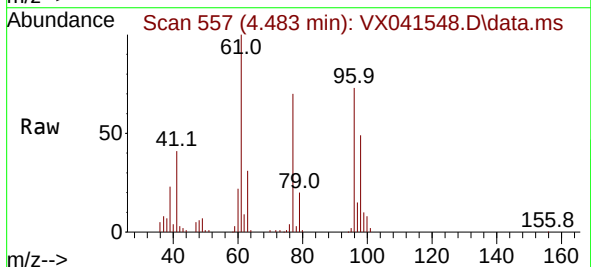
RT: 4.483 min Scan# 557

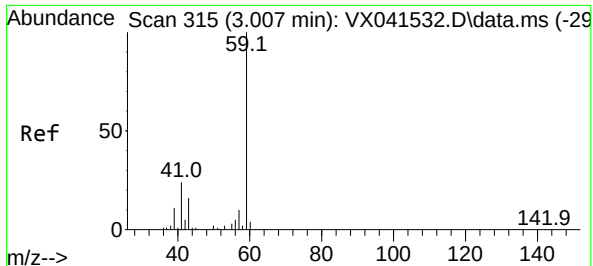
Delta R.T. -0.006 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Tgt Ion: 96	Resp: 38051
Ion Ratio	Lower Upper
96	100
61	138.9 114.2 171.4
98	65.6 52.6 79.0





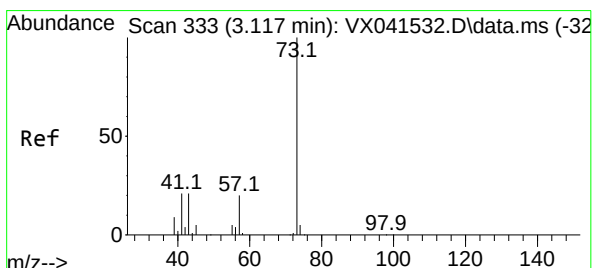
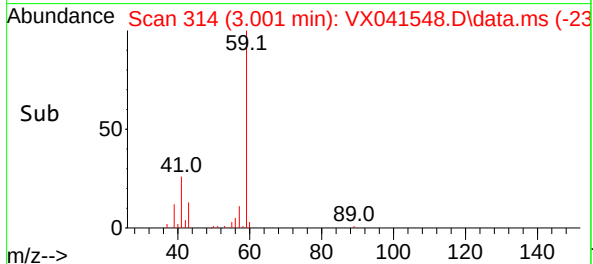
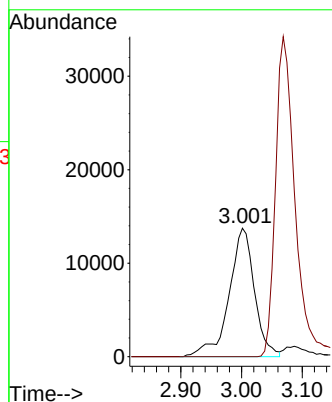
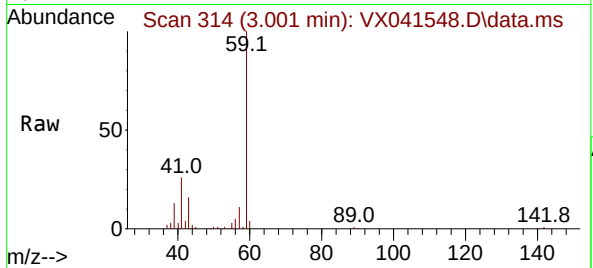
#23
tert-Butyl Alcohol
Concen: 95.981 ug/l m
RT: 3.001 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3994
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

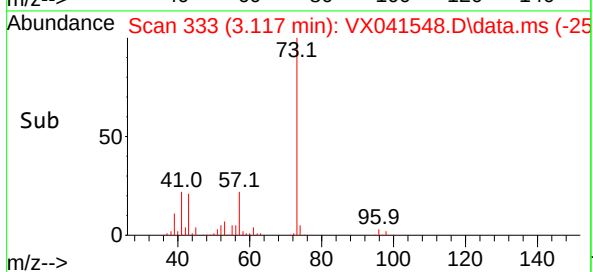
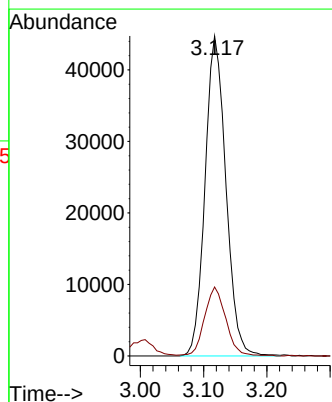
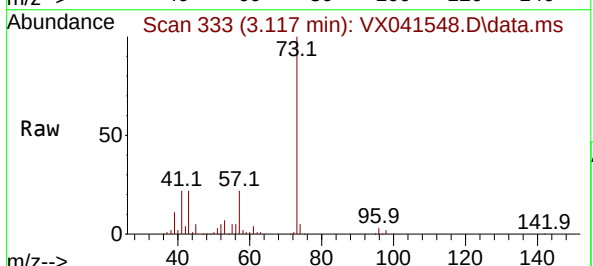
Manual Integrations
APPROVED

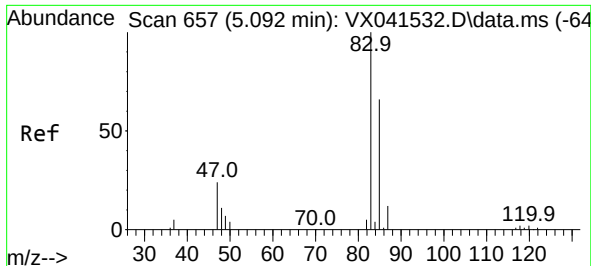
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#24
Methyl tert-Butyl Ether
Concen: 18.562 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 73 Resp: 102628
Ion Ratio Lower Upper
73 100
43 21.8 17.2 25.8





#25

Chloroform

Concen: 18.733 ug/l

RT: 5.086 min Scan# 6184

Delta R.T. -0.006 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 6184

Ion Ratio Lower Upper

83 100

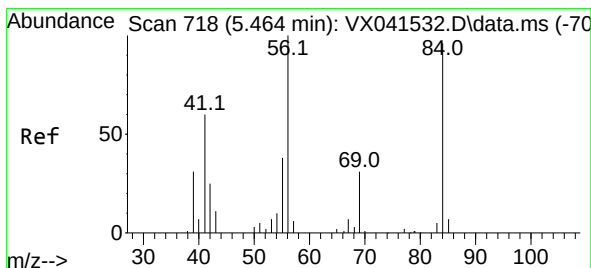
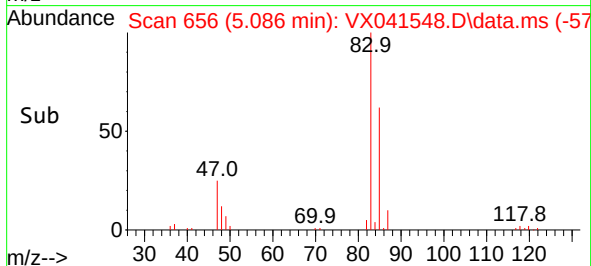
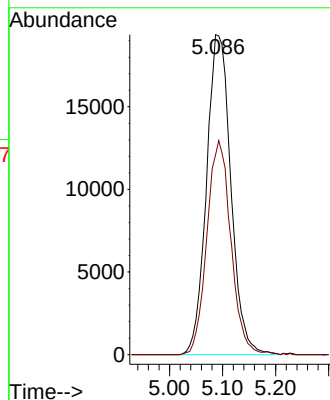
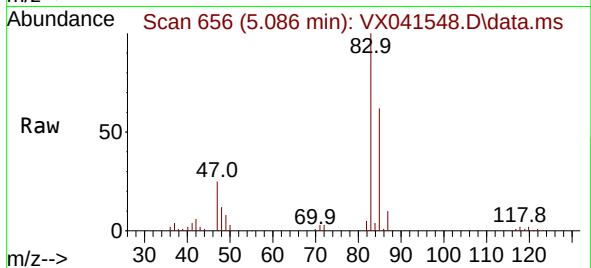
85 62.5 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#26

Cyclohexane

Concen: 18.251 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

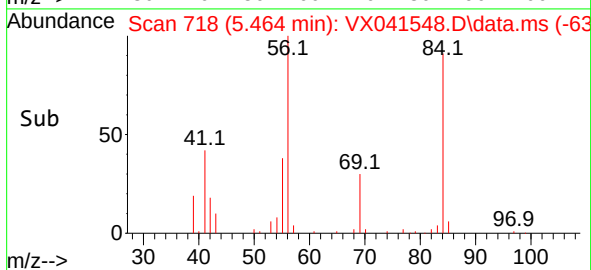
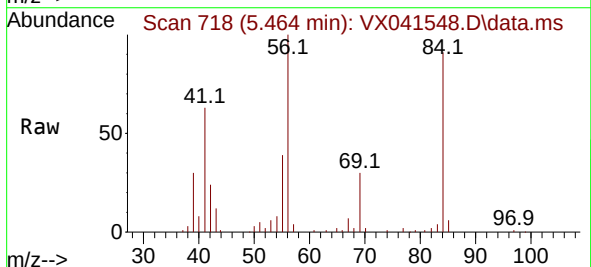
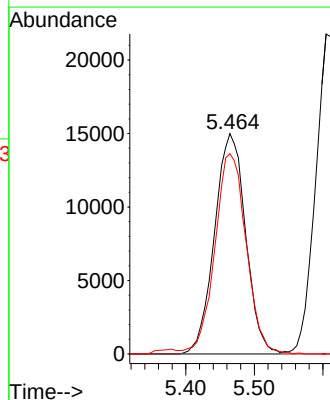
Tgt Ion: 56 Resp: 47167

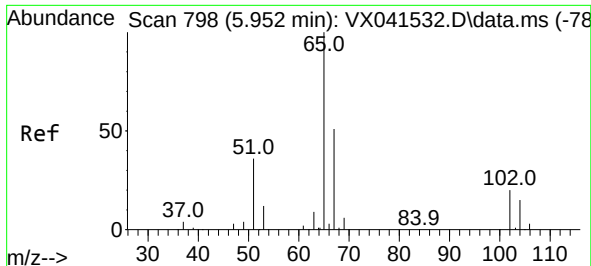
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.7 74.0 111.0





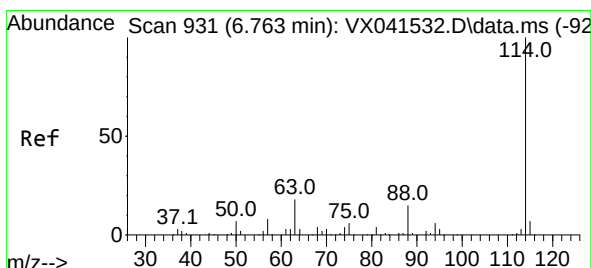
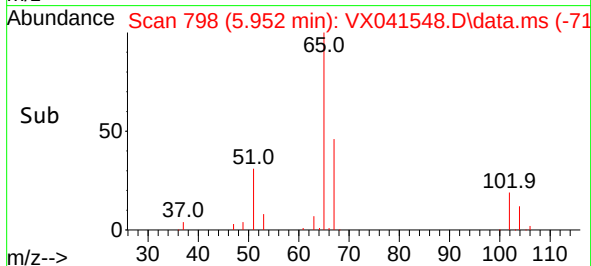
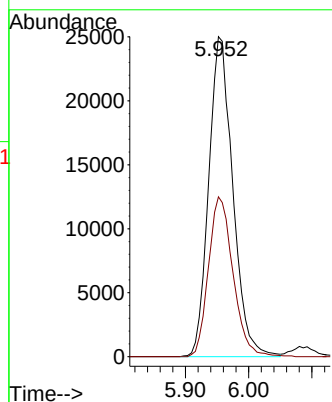
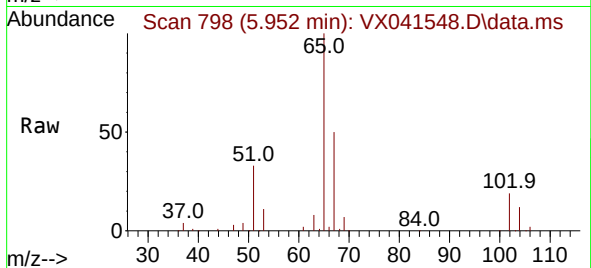
#27
1,2-Dichloroethane-d4
Concen: 29.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 66150
Ion Ratio Lower Upper
65 100
67 50.9 40.8 61.2

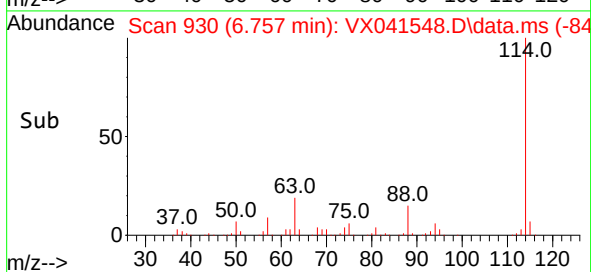
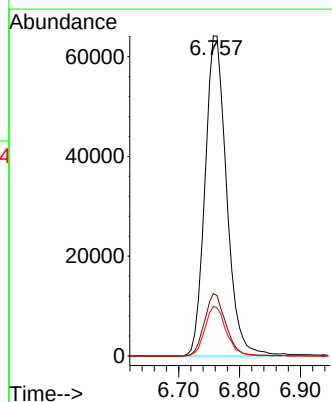
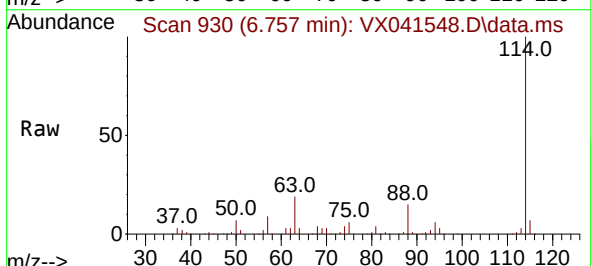
Manual Integrations
APPROVED

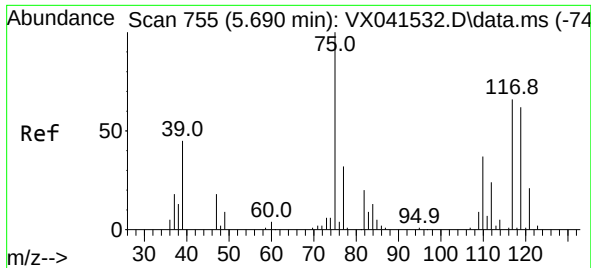
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion:114 Resp: 157910
Ion Ratio Lower Upper
114 100
63 19.0 15.4 23.0
88 15.2 12.2 18.2





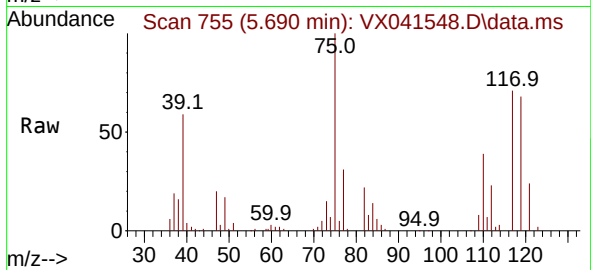
#29
1,1-Dichloropropene
Concen: 18.570 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



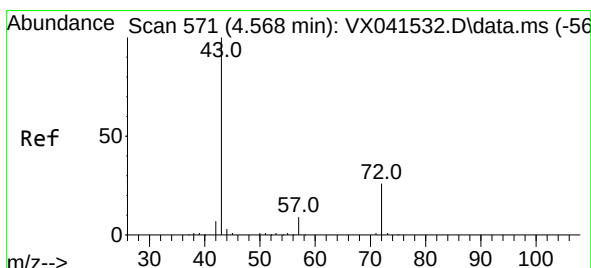
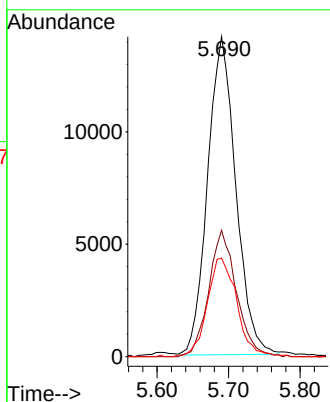
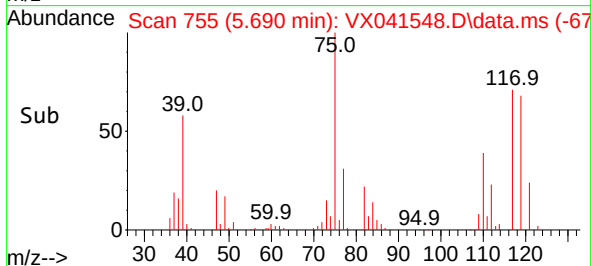
Tgt Ion: 75 Resp: 38789
Ion Ratio Lower Upper
75 100
110 39.0 0.0 74.4
77 32.4 0.0 62.6

Manual Integrations

APPROVED

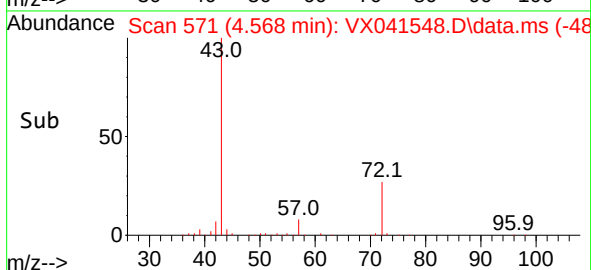
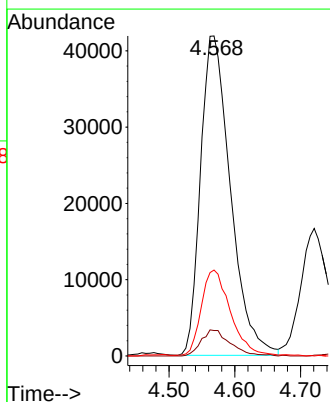
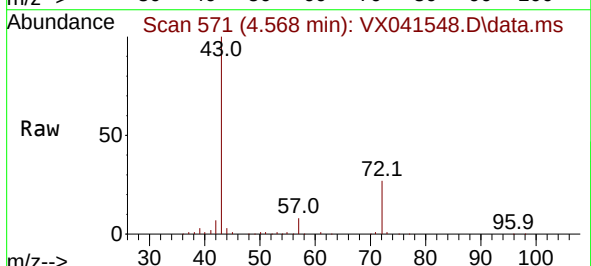
Reviewed By :John Carlone 05/16/2024

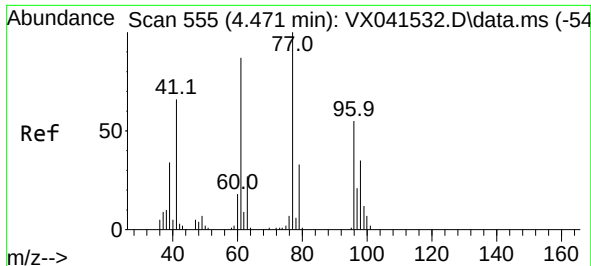
Supervised By :Mahesh Dadoda 05/16/2024



#30
2-Butanone
Concen: 95.610 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

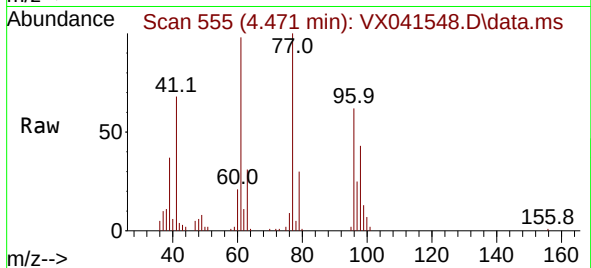
Tgt Ion: 43 Resp: 132562
Ion Ratio Lower Upper
43 100
57 7.8 6.6 10.0
72 26.3 20.7 31.1





#31
2,2-Dichloropropane
Concen: 17.616 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

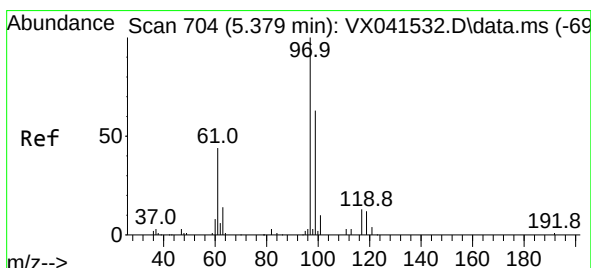
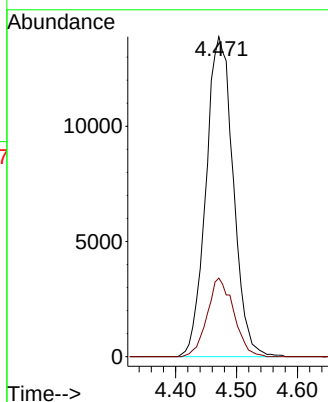
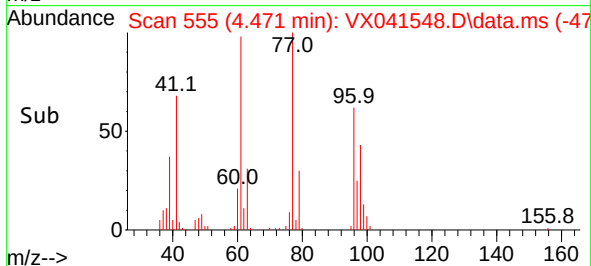
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



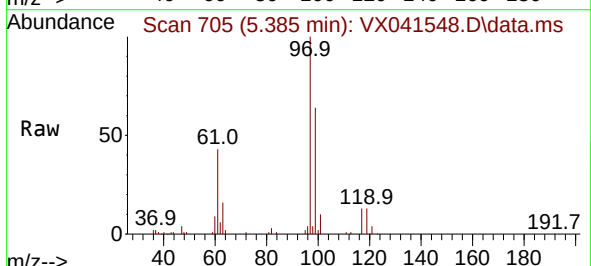
Tgt Ion: 77 Resp: 43180
Ion Ratio Lower Upper
77 100
97 23.9 18.0 27.0

Manual Integrations
APPROVED

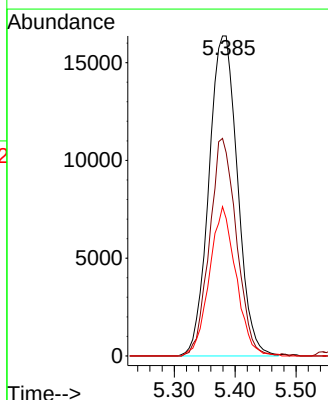
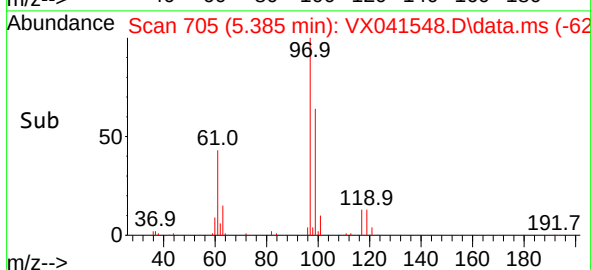
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

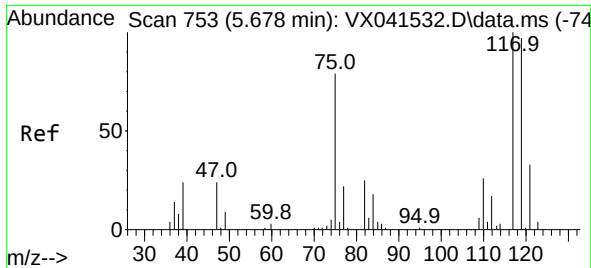


#32
1,1,1-Trichloroethane
Concen: 19.054 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



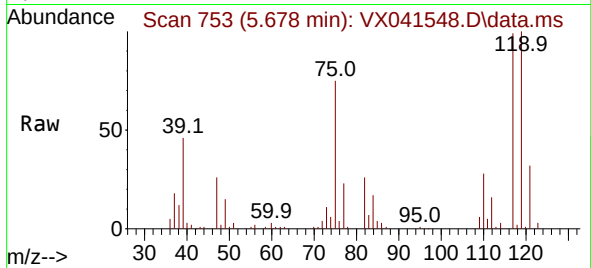
Tgt Ion: 97 Resp: 53404
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.728 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

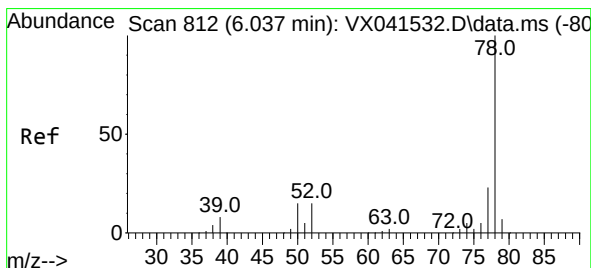
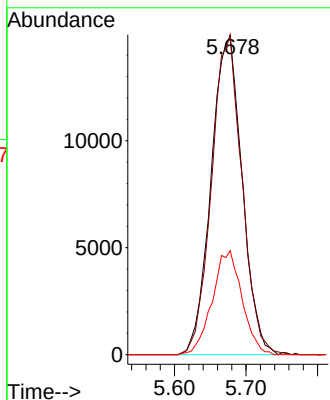
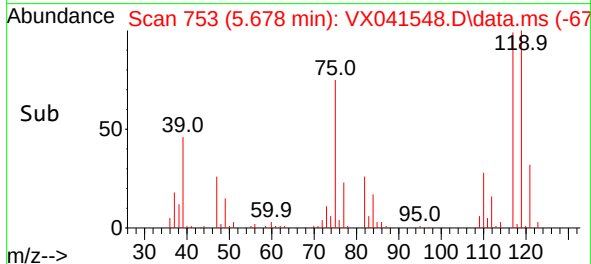
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



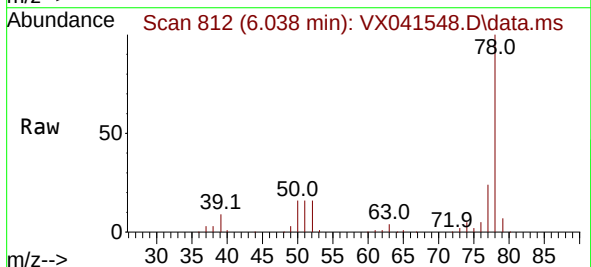
Tgt Ion:117 Resp: 4491
Ion Ratio Lower Upper
117 100
119 100.6 77.4 116.2
121 32.7 26.4 39.6

Manual Integrations
APPROVED

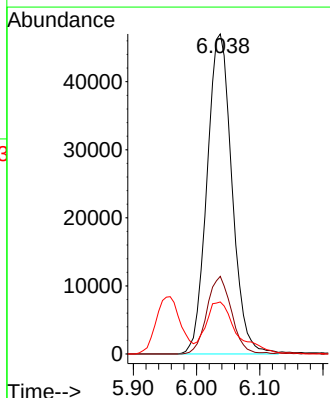
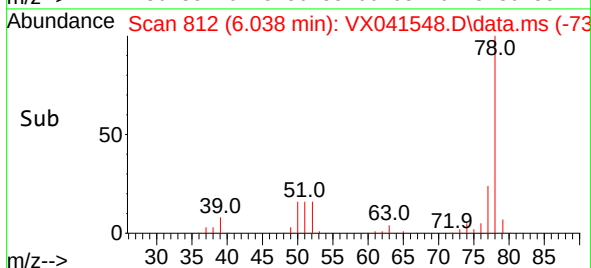
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

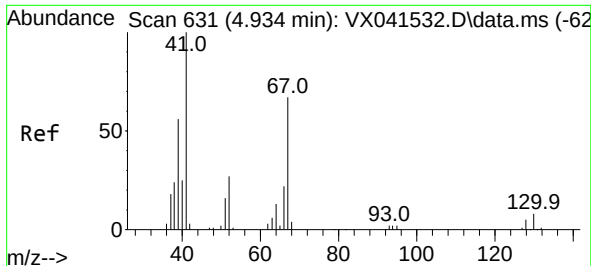


#34
Benzene
Concen: 19.504 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



Tgt Ion: 78 Resp: 128669
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0
51 15.8 12.4 18.6





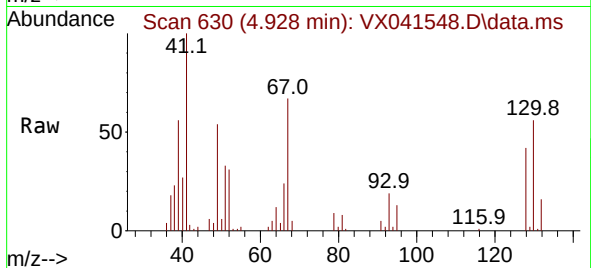
#35
Methacrylonitrile
Concen: 19.736 ug/l
RT: 4.928 min Scan# 610
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



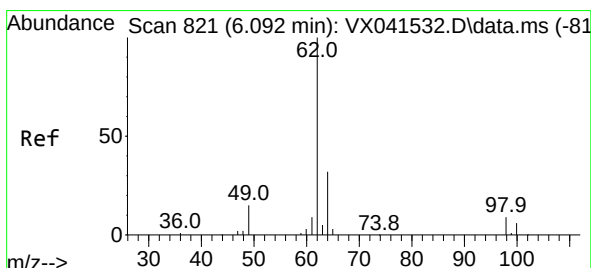
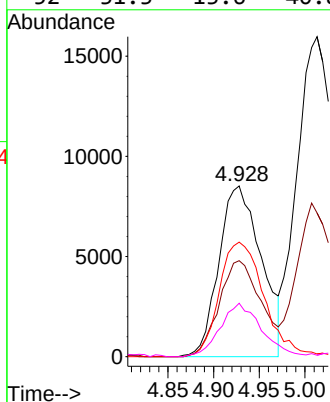
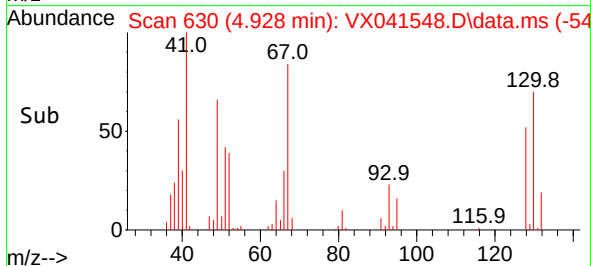
Tgt Ion: 41 Resp: 2760
Ion Ratio Lower Upper
41 100
39 56.2 28.1 84.4
67 67.1 33.7 101.1
52 31.3 13.6 40.8

Manual Integrations

APPROVED

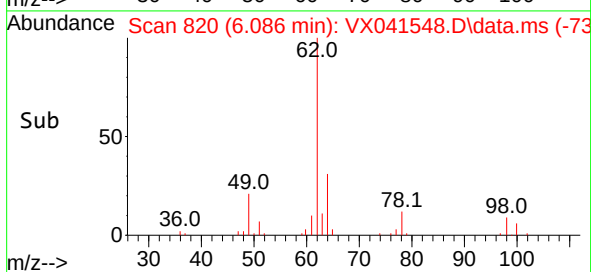
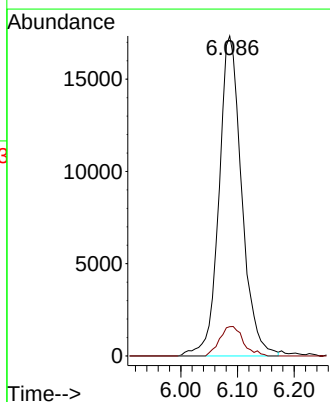
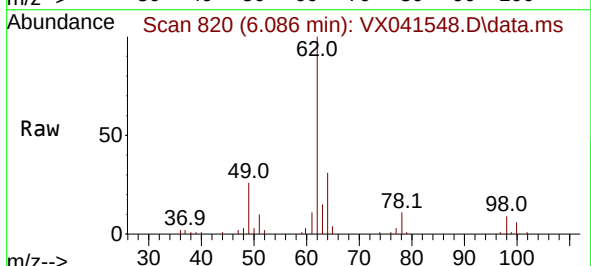
Reviewed By :John Carlone 05/16/2024

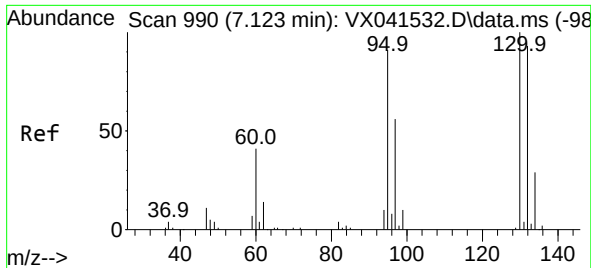
Supervised By :Mahesh Dadoda 05/16/2024



#36
1,2-Dichloroethane
Concen: 19.585 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

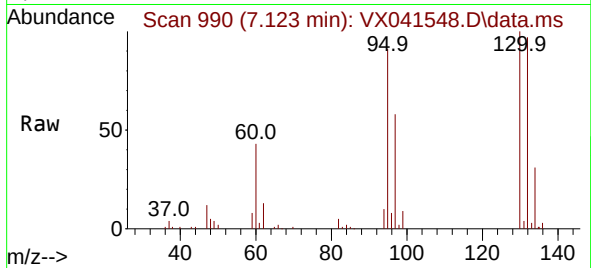
Tgt Ion: 62 Resp: 48214
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37
Trichloroethene
Concen: 18.867 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

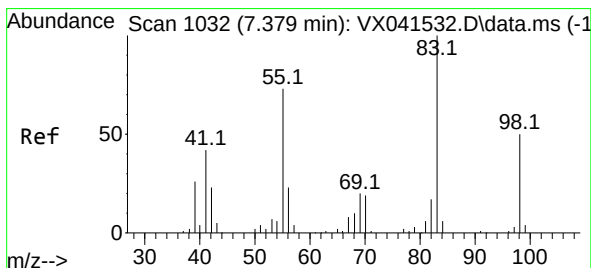
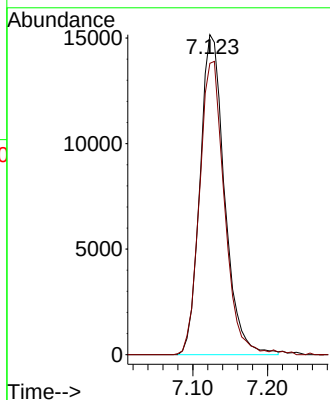
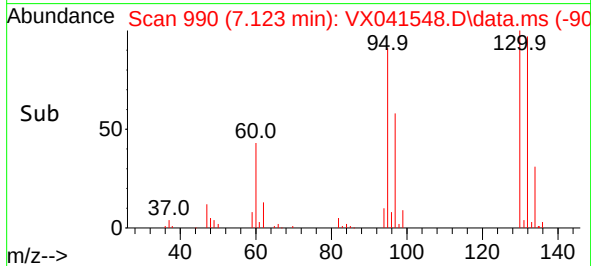
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



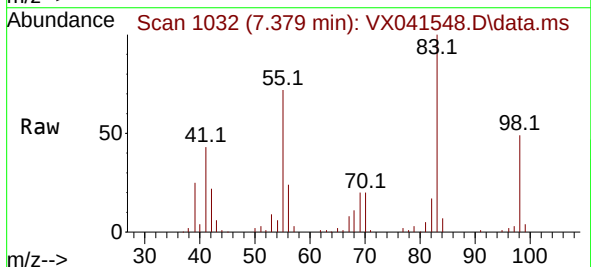
Tgt Ion:130 Resp: 34678
Ion Ratio Lower Upper
130 100
95 90.7 72.6 108.8

Manual Integrations
APPROVED

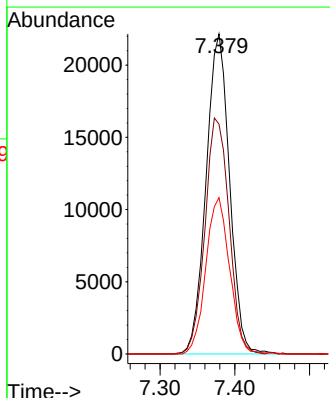
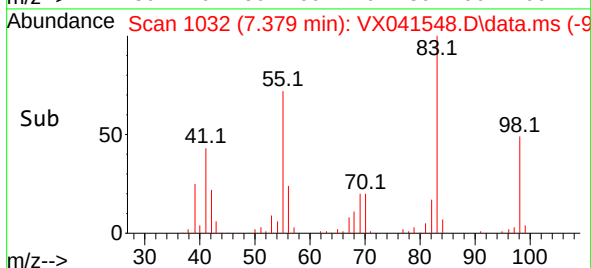
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

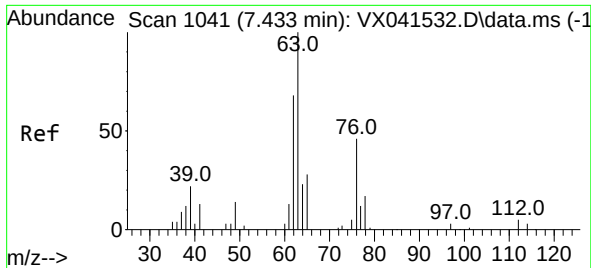


#38
Methylcyclohexane
Concen: 18.274 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



Tgt Ion: 83 Resp: 48468
Ion Ratio Lower Upper
83 100
55 75.6 37.7 113.1
98 49.6 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.079 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2975

Ion Ratio Lower Upper

63 100

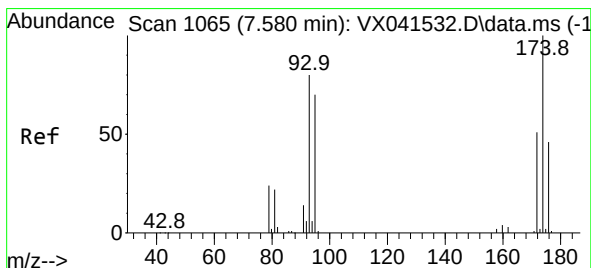
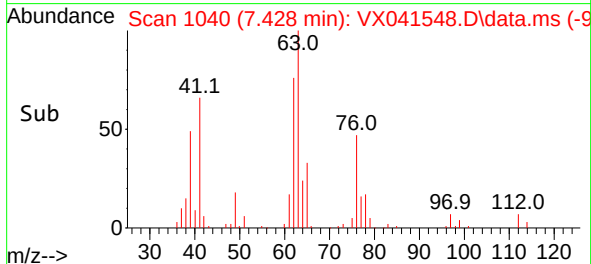
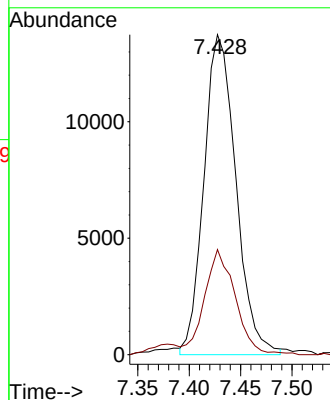
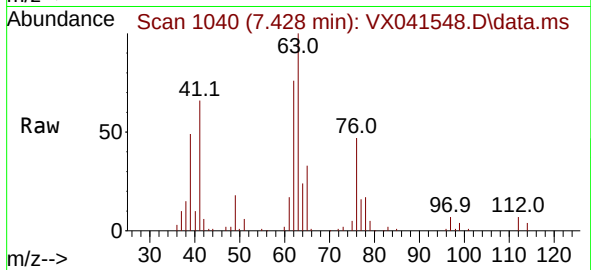
65 32.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40

Dibromomethane

Concen: 19.201 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

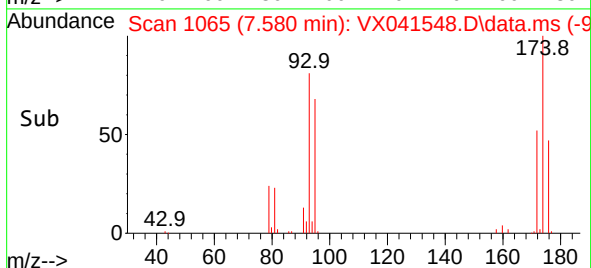
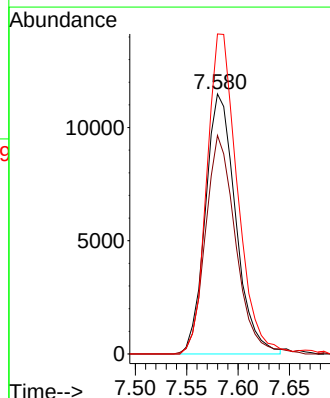
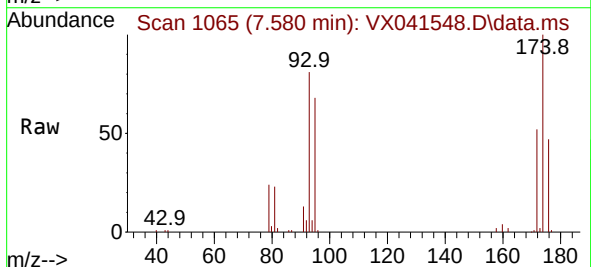
Tgt Ion: 93 Resp: 23566

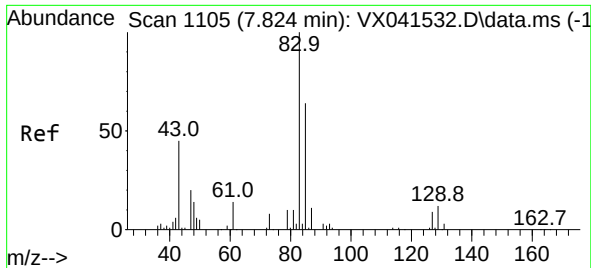
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.6

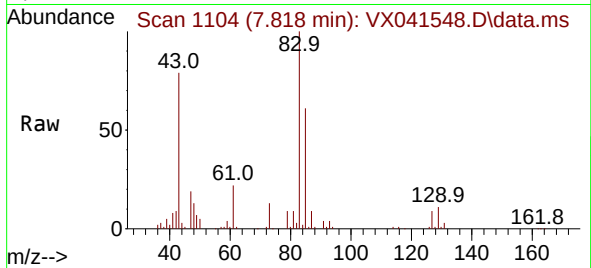
174 123.9 0.0 249.8





#41
Bromodichloromethane
Concen: 18.732 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

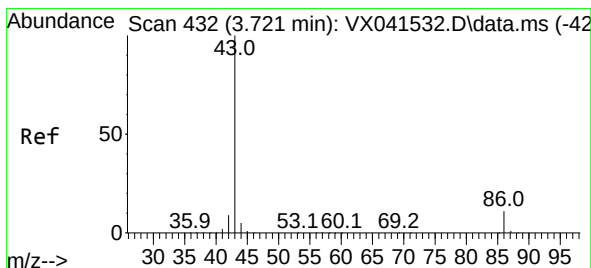
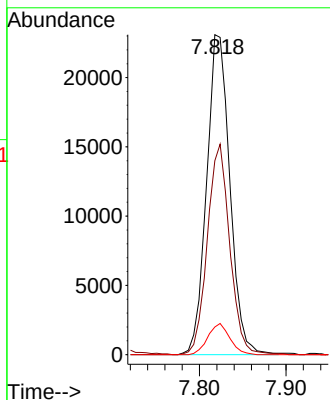
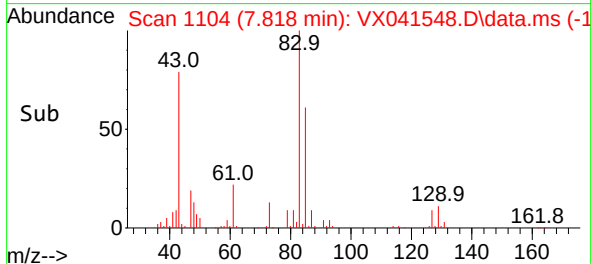
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 43162
Ion Ratio Lower Upper
83 100
85 60.6 51.0 76.4
127 8.6 7.1 10.7

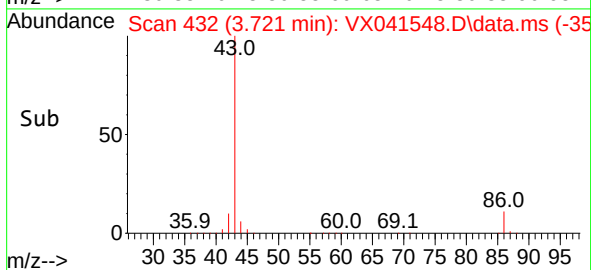
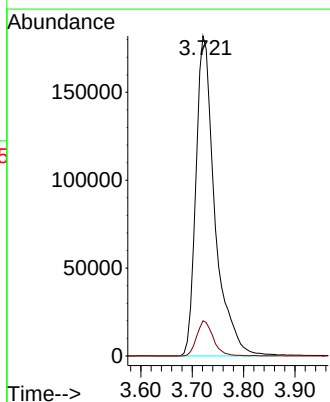
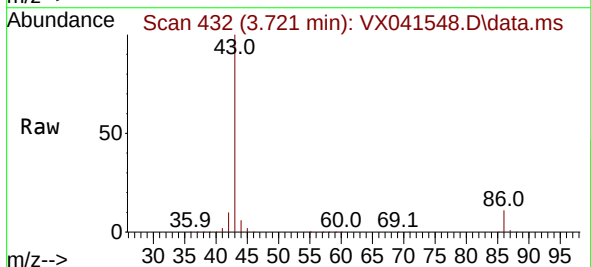
Manual Integrations
APPROVED

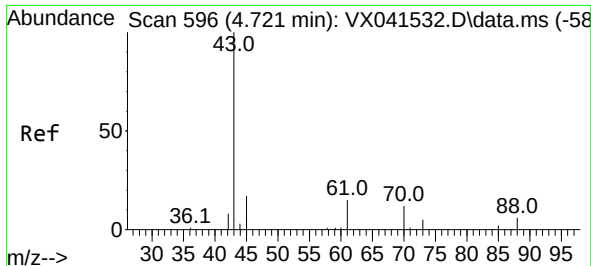
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
Vinyl Acetate
Concen: 96.938 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

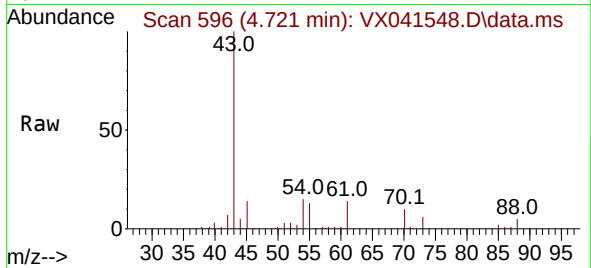
Tgt Ion: 43 Resp: 466319
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.6





#43
Ethyl Acetate
Concen: 18.076 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

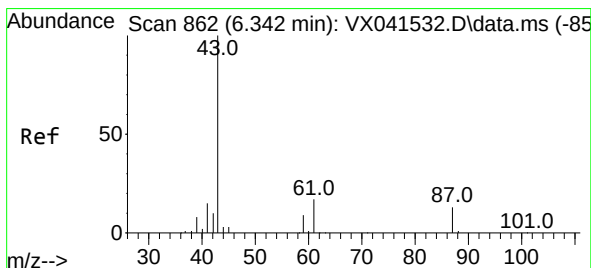
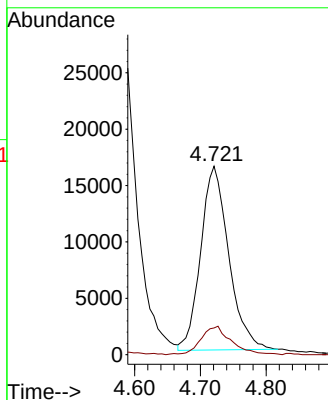
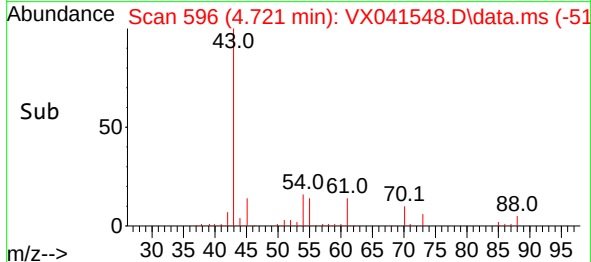
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 4835
Ion Ratio Lower Upper
43 100
45 16.6 11.9 17.9

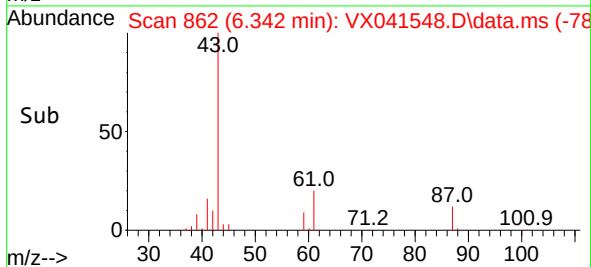
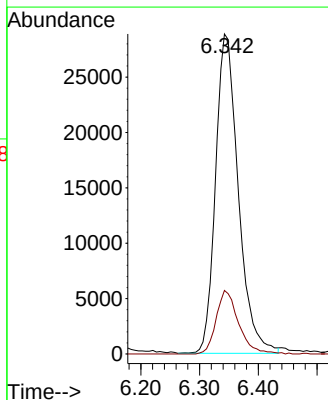
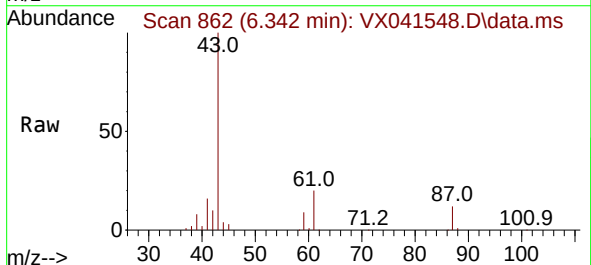
Manual Integrations
APPROVED

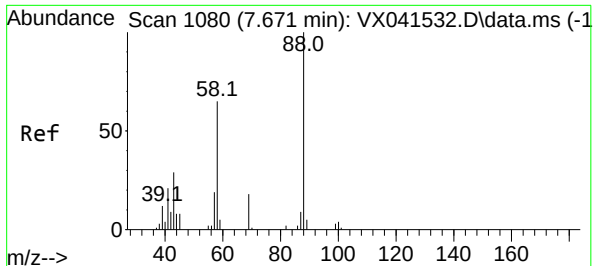
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#44
Isopropyl Acetate
Concen: 19.217 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 43 Resp: 77714
Ion Ratio Lower Upper
43 100
61 19.5 15.3 22.9





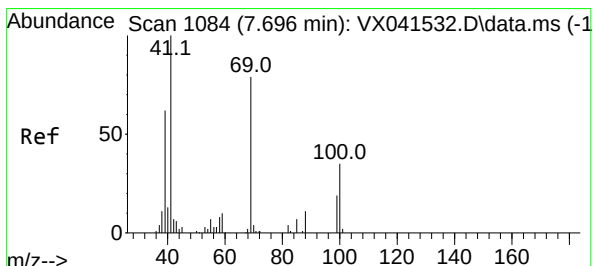
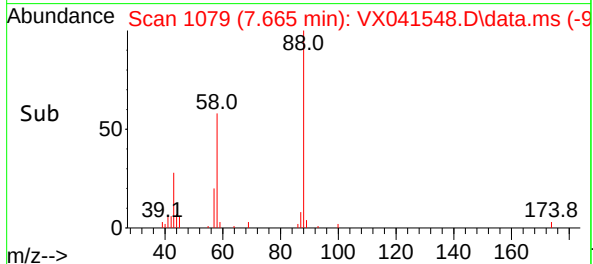
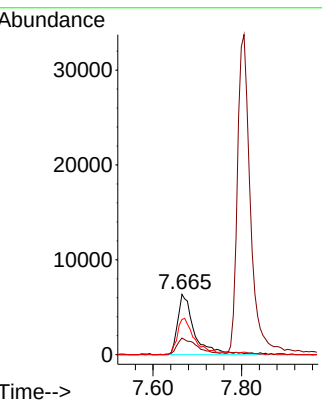
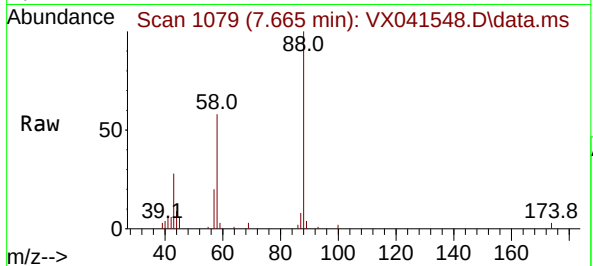
#45
1,4-Dioxane
Concen: 369.642 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 1685
Ion Ratio Lower Upper
88 100
43 32.4 24.9 37.3
58 58.7 47.0 70.4

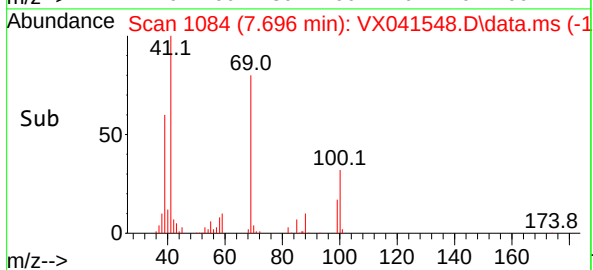
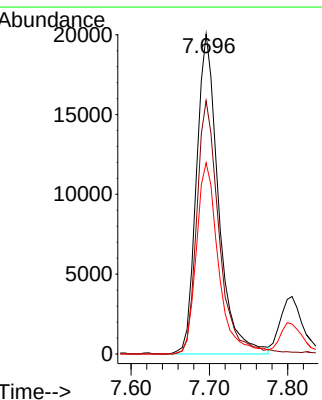
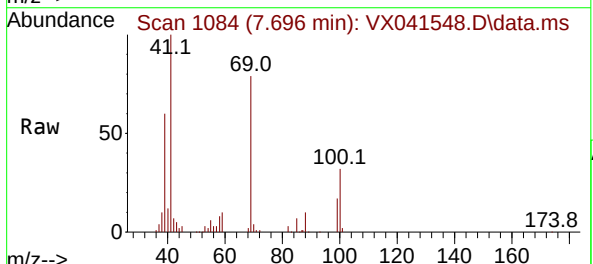
Manual Integrations
APPROVED

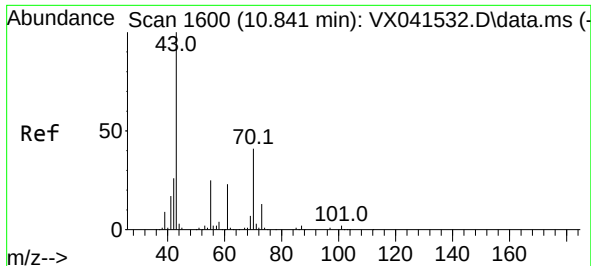
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#46
Methyl methacrylate
Concen: 19.459 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

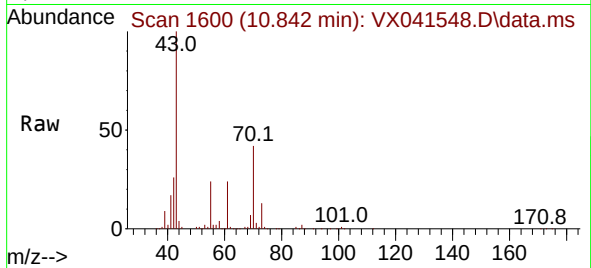
Tgt Ion: 41 Resp: 39153
Ion Ratio Lower Upper
41 100
69 79.1 39.6 119.0
39 59.8 30.9 92.8





#47
n-amy1 Acetate
Concen: 18.645 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

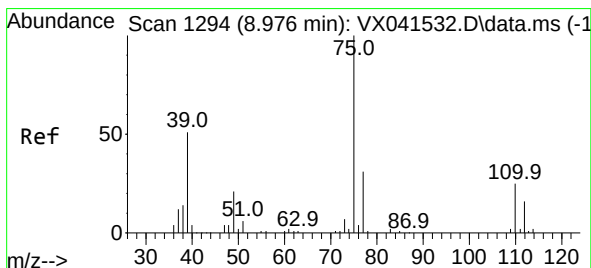
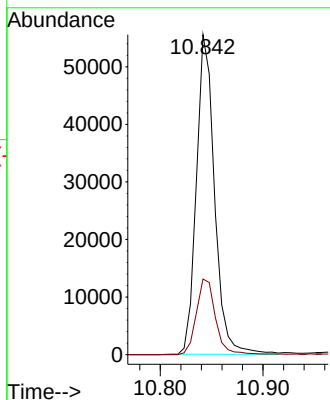
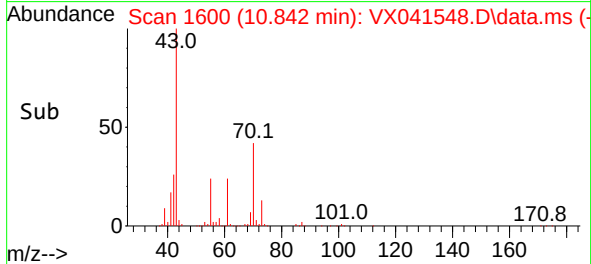
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 68370
Ion Ratio Lower Upper
43 100
55 25.2 19.4 29.0

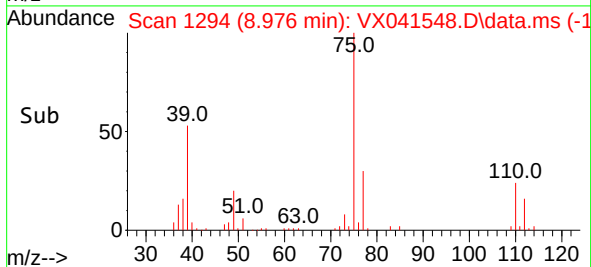
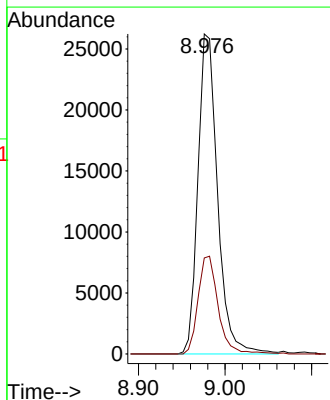
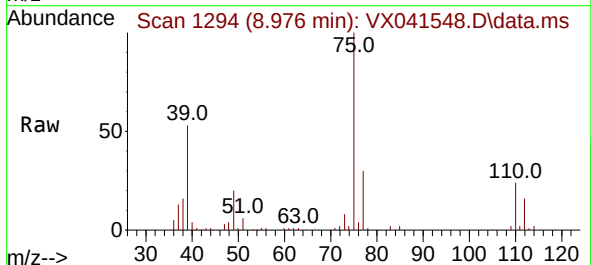
Manual Integrations
APPROVED

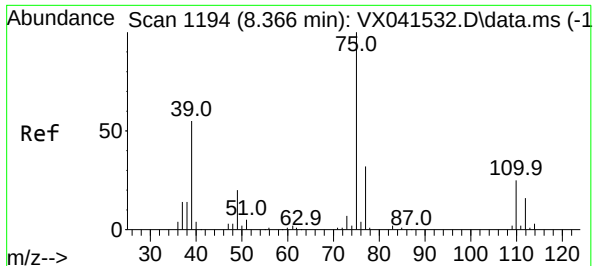
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
t-1,3-Dichloropropene
Concen: 17.898 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 75 Resp: 41414
Ion Ratio Lower Upper
75 100
77 30.0 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 18.196 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 45604

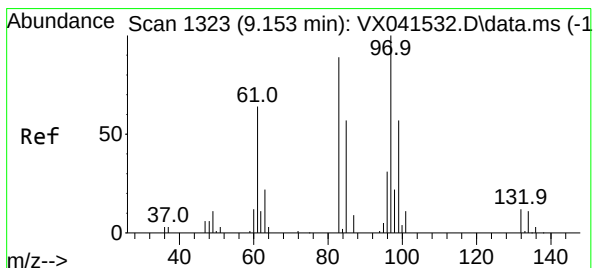
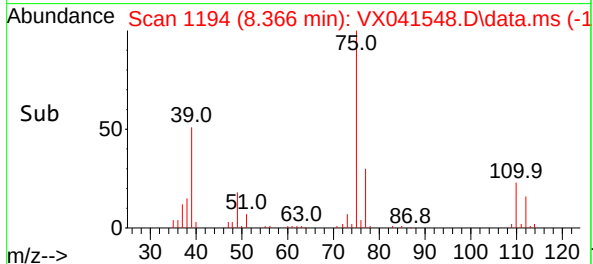
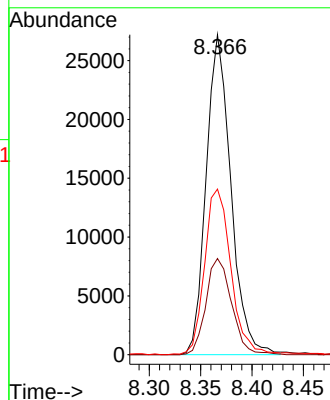
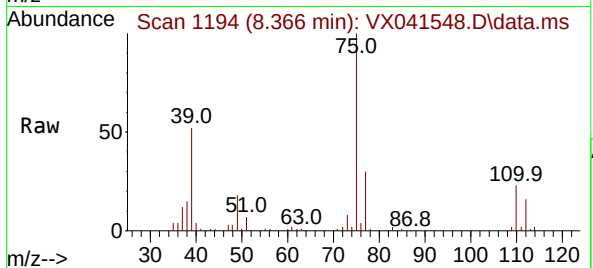
Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.8	38.8
39	51.5	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#50

1,1,2-Trichloroethane

Concen: 19.454 ug/l

RT: 9.153 min Scan# 1323

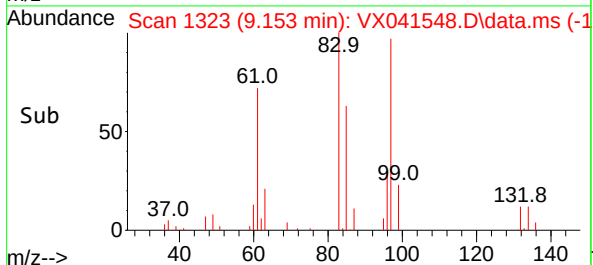
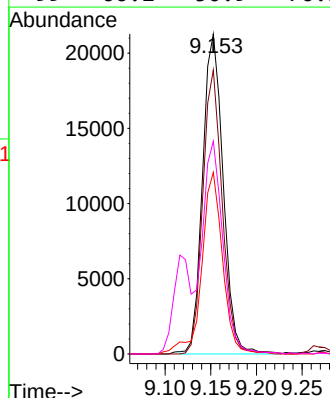
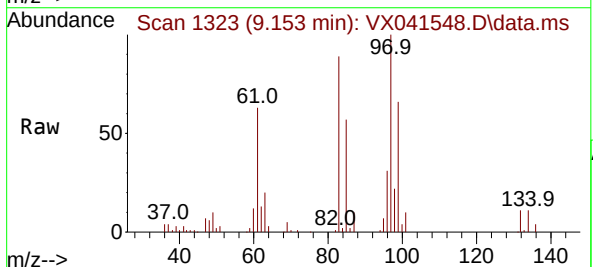
Delta R.T. 0.000 min

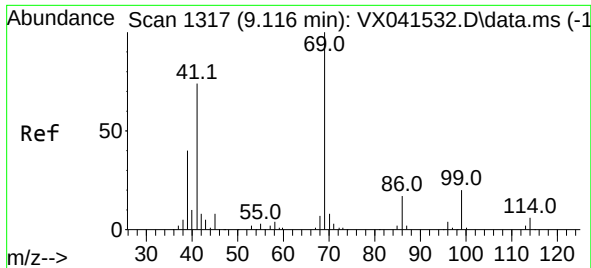
Lab File: VX041548.D

Acq: 15 May 2024 18:38

Tgt Ion: 97 Resp: 33214

Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.3	106.9
85	56.7	45.7	68.5
99	66.2	50.9	76.3





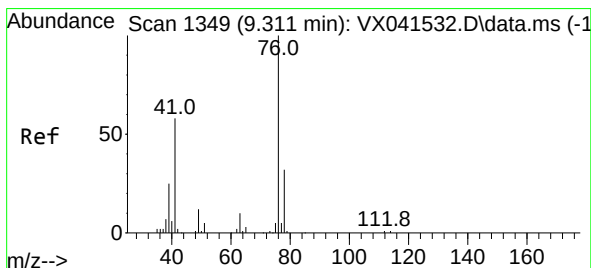
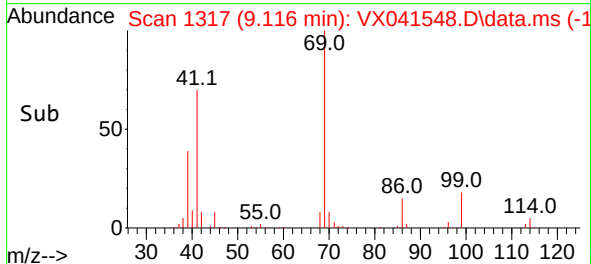
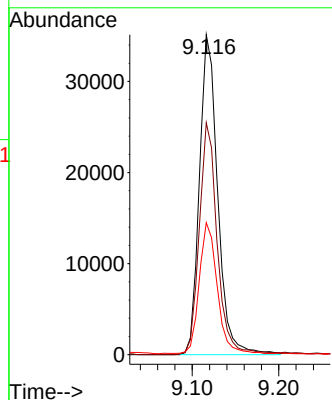
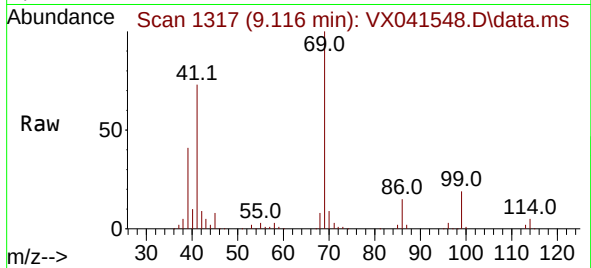
#51
Ethyl methacrylate
Concen: 18.767 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 5157
Ion Ratio Lower Upper
69 100
41 72.3 37.1 111.3
39 40.8 20.2 60.6

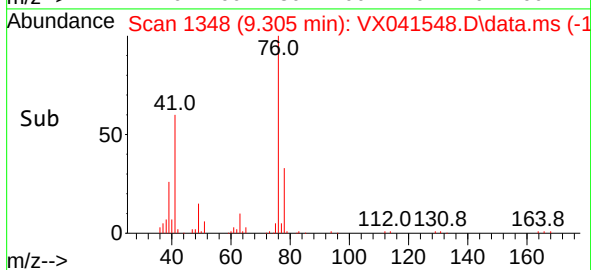
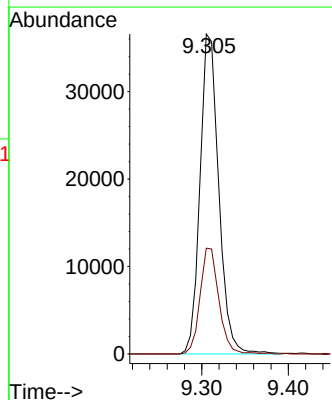
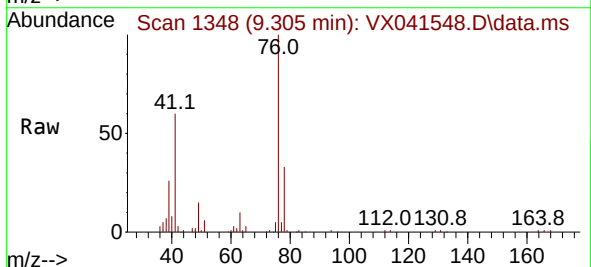
Manual Integrations
APPROVED

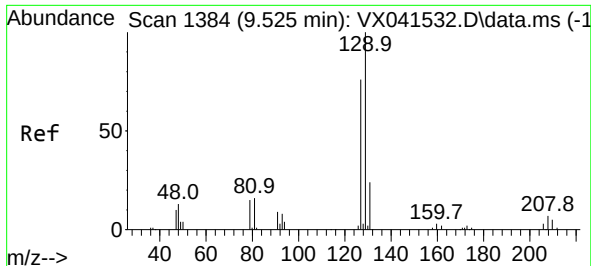
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#52
1,3-Dichloropropane
Concen: 19.507 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

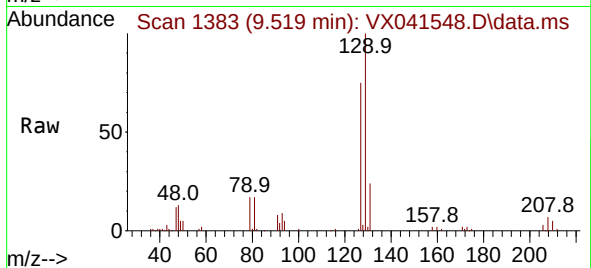
Tgt Ion: 76 Resp: 55034
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53
Dibromochloromethane
Concen: 18.164 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

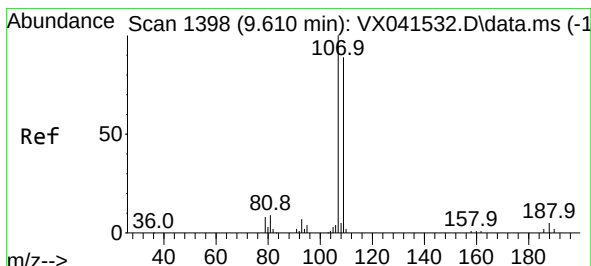
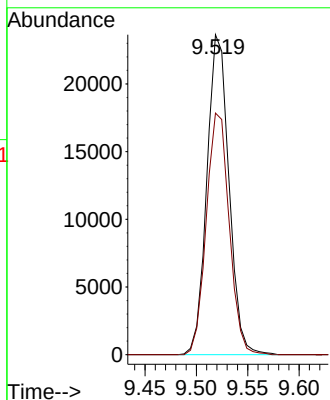
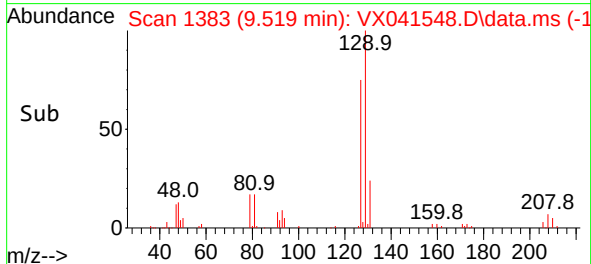
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 3528
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

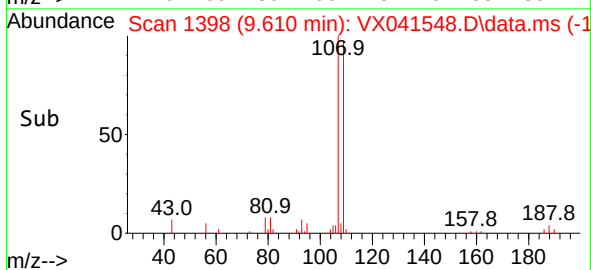
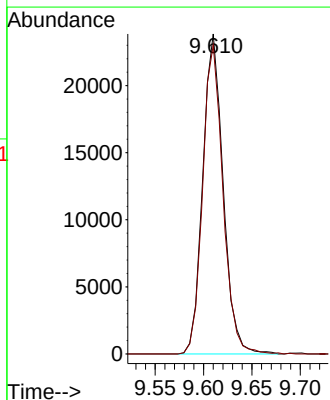
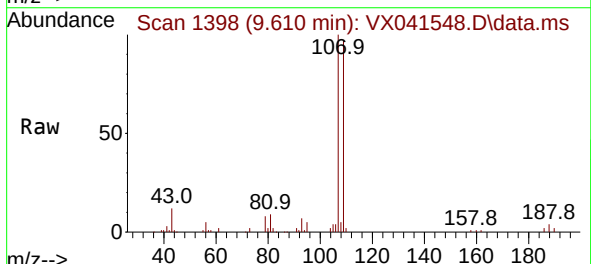
Manual Integrations
APPROVED

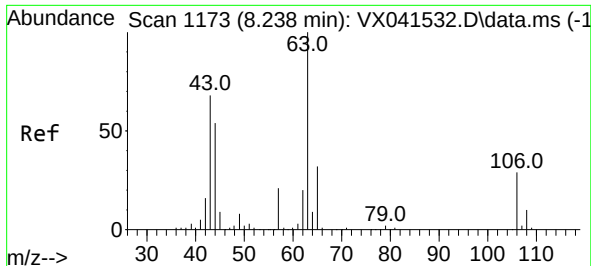
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#54
1,2-Dibromoethane
Concen: 19.364 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion:107 Resp: 35058
Ion Ratio Lower Upper
107 100
109 96.1 75.3 112.9





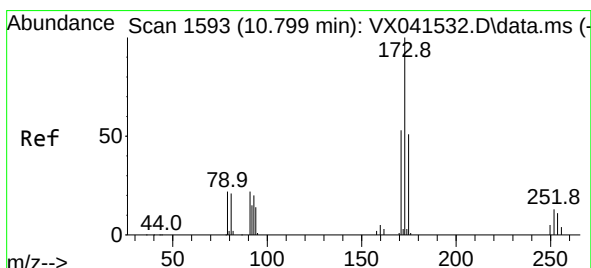
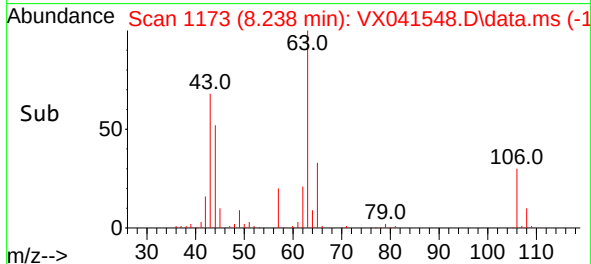
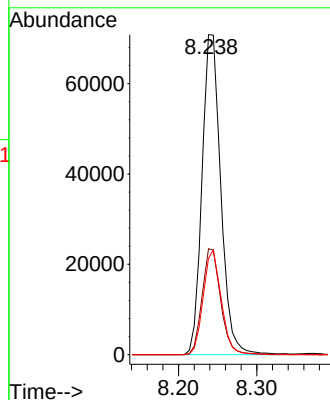
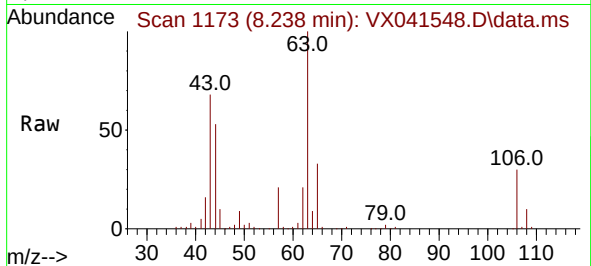
#55
2-Chloroethyl vinyl ether
Concen: 88.106 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 118184
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 31.2 24.7 37.1

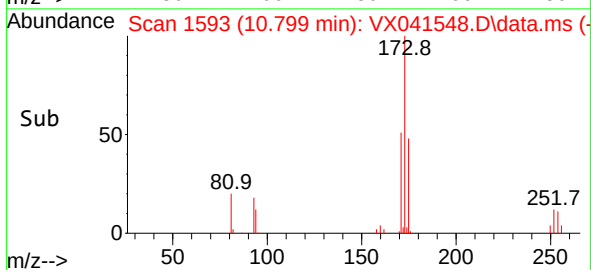
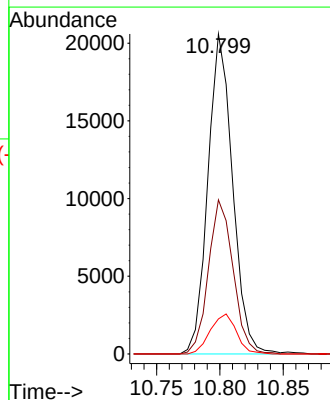
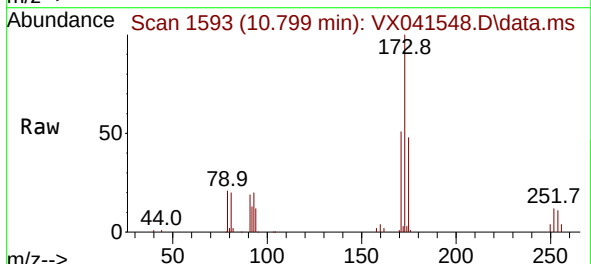
Manual Integrations
APPROVED

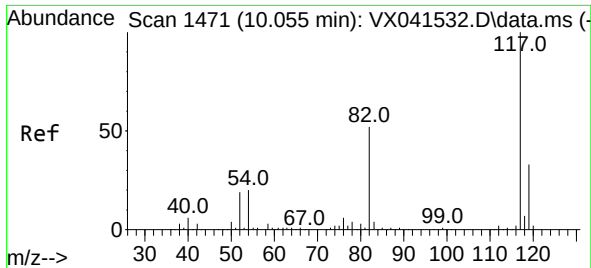
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#56
Bromoform
Concen: 17.949 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

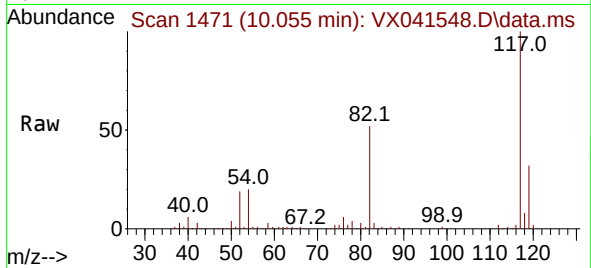
Tgt Ion:173 Resp: 27935
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.6
254 13.2 10.3 15.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

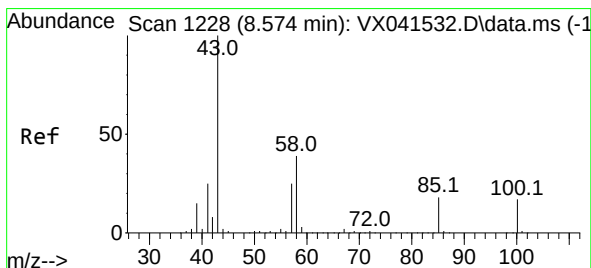
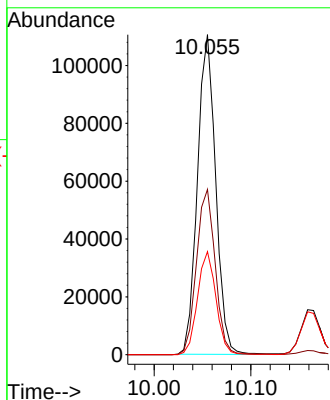
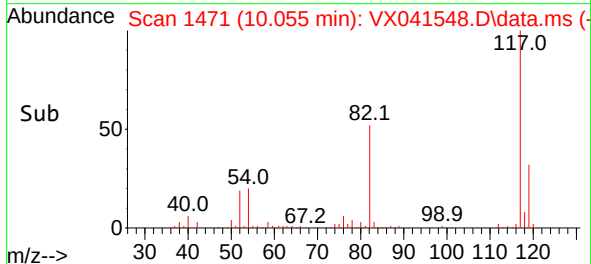
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 145292
Ion Ratio Lower Upper
117 100
82 53.1 41.7 62.5
119 32.6 25.7 38.5

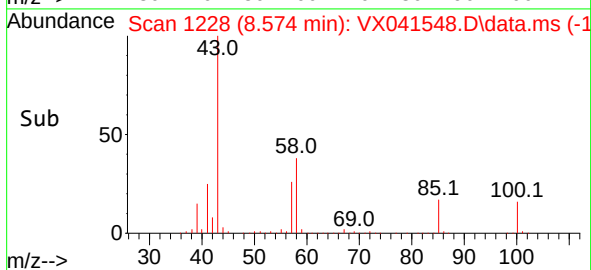
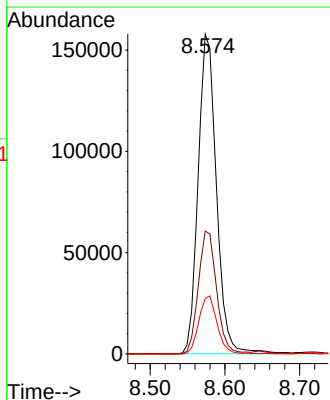
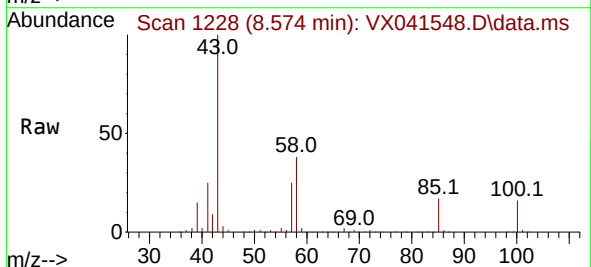
Manual Integrations
APPROVED

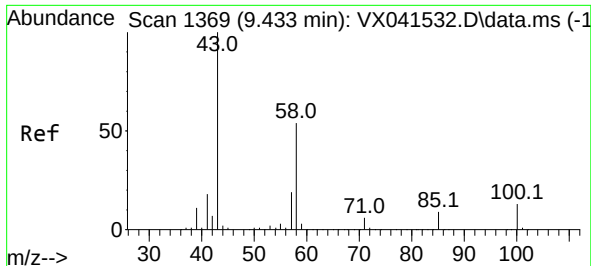
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#58
4-Methyl-2-Pentanone
Concen: 100.994 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

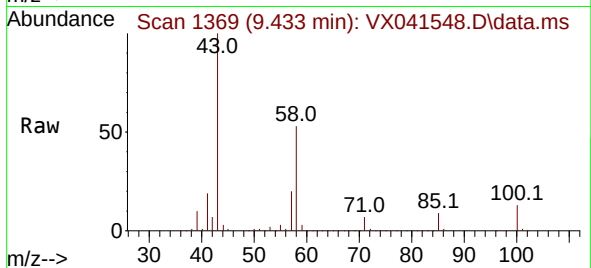
Tgt Ion: 43 Resp: 268109
Ion Ratio Lower Upper
43 100
58 38.5 30.2 45.4
85 18.1 14.6 21.8





#59
2-Hexanone
Concen: 97.006 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

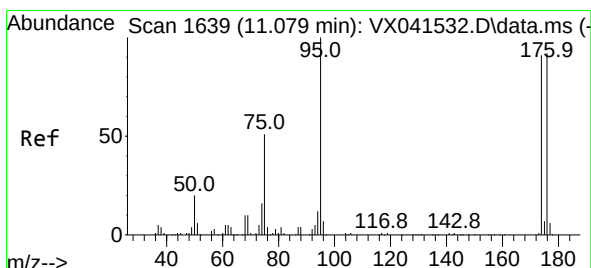
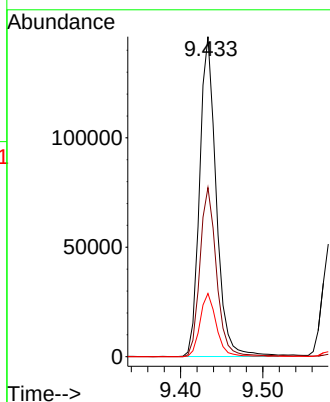
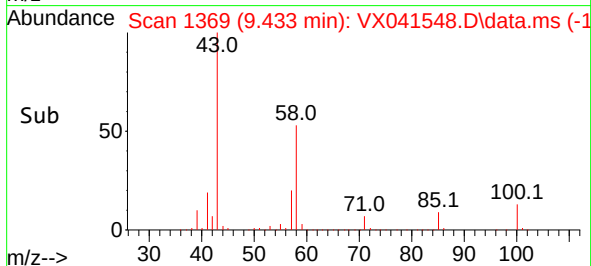
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 205154
Ion Ratio Lower Upper
43 100
58 52.6 42.3 63.5
57 19.4 15.1 22.7

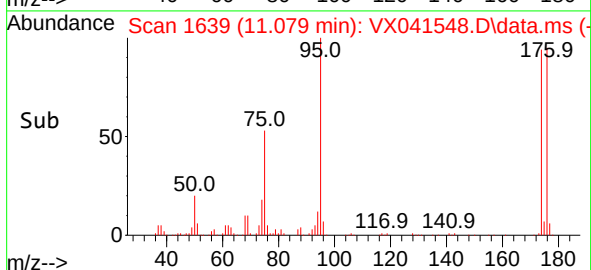
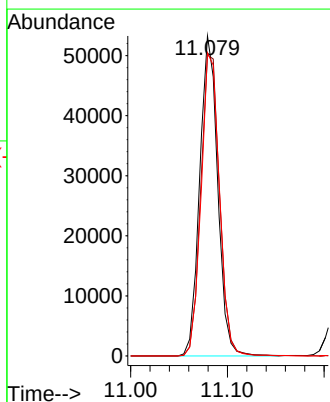
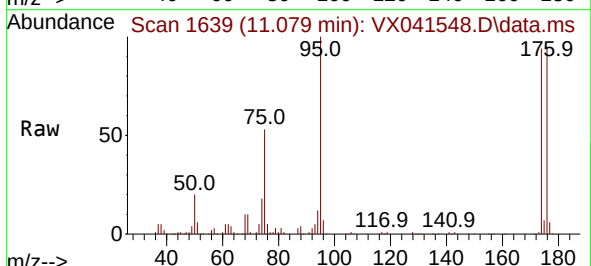
Manual Integrations
APPROVED

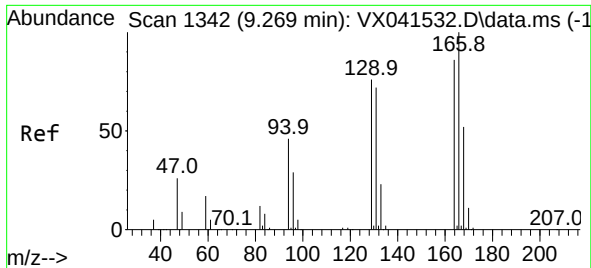
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
4-Bromofluorobenzene
Concen: 30.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 95 Resp: 68960
Ion Ratio Lower Upper
95 100
174 98.1 76.6 115.0
176 96.3 75.4 113.0





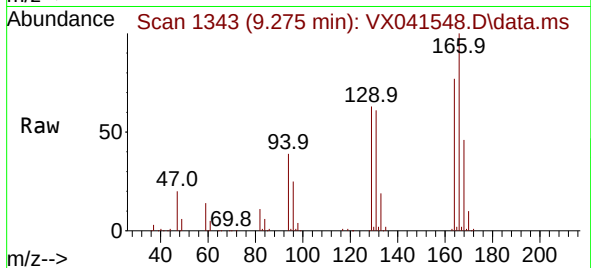
#61
Tetrachloroethene
Concen: 19.122 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



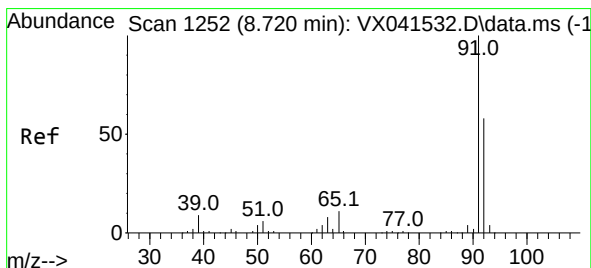
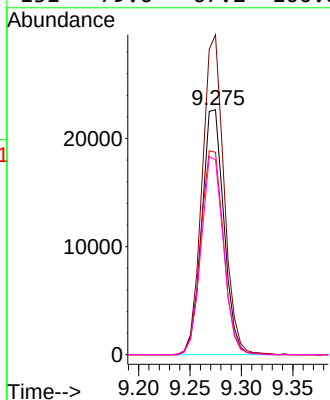
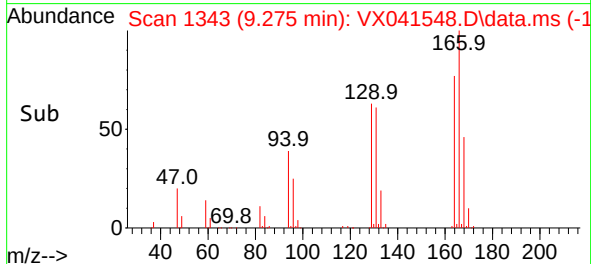
Tgt Ion:164 Resp: 33992
Ion Ratio Lower Upper
164 100
166 130.6 92.8 139.2
129 82.6 70.1 105.1
131 79.6 67.2 100.8

Manual Integrations

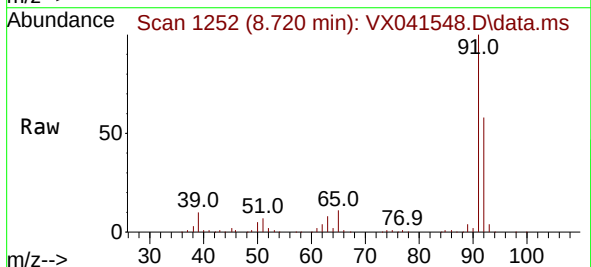
APPROVED

Reviewed By :John Carlone 05/16/2024

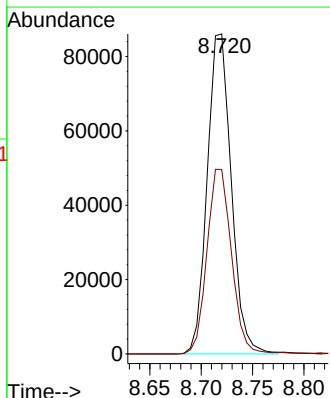
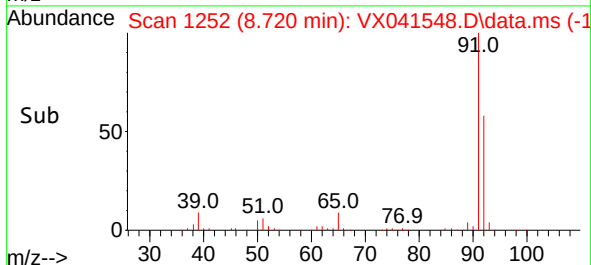
Supervised By :Mahesh Dadoda 05/16/2024

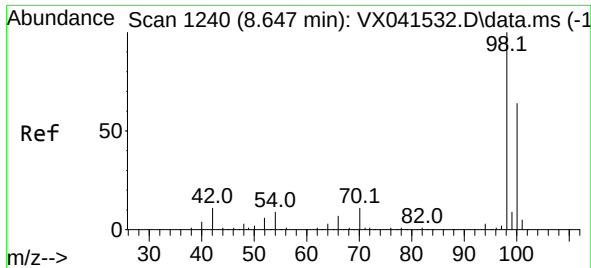


#62
Toluene
Concen: 19.426 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



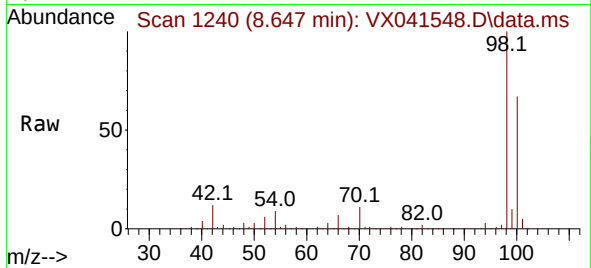
Tgt Ion: 91 Resp: 140439
Ion Ratio Lower Upper
91 100
92 58.6 47.0 70.6





#63
Toluene-d8
Concen: 30.363 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

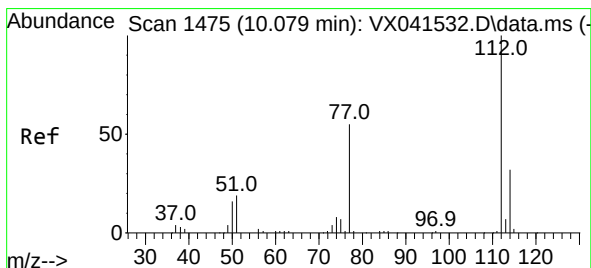
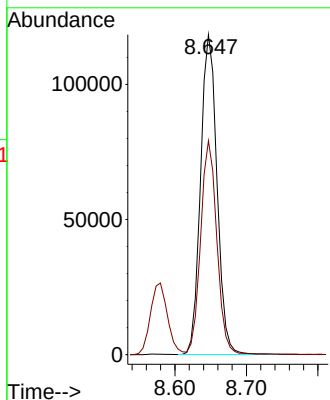
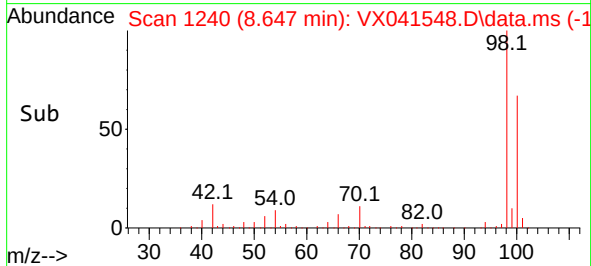
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



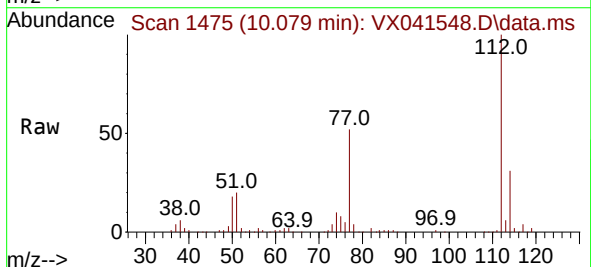
Tgt Ion: 98 Resp: 189100
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

Manual Integrations
APPROVED

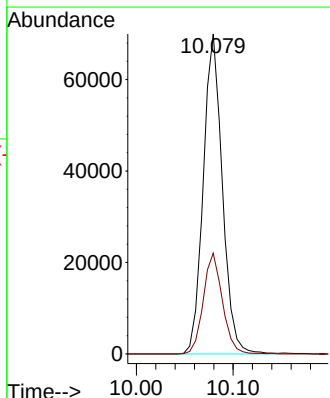
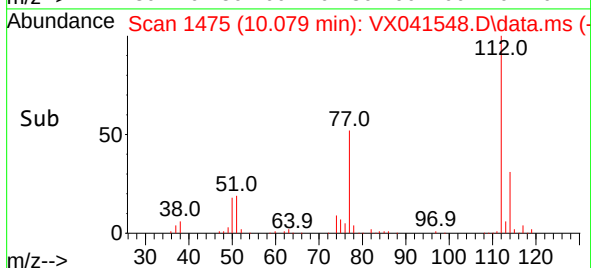
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

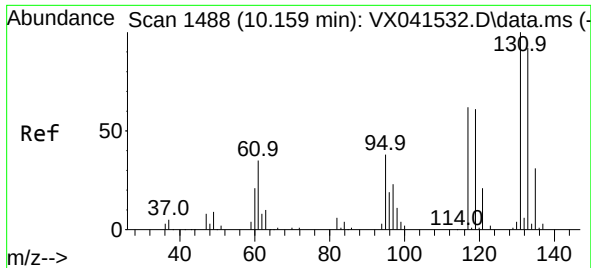


#64
Chlorobenzene
Concen: 19.569 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



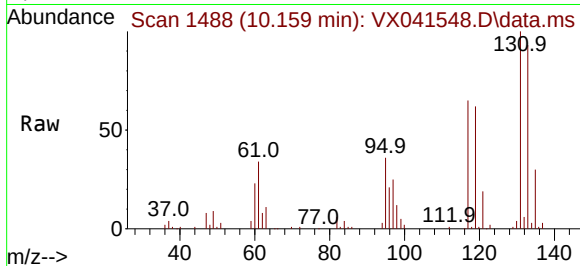
Tgt Ion:112 Resp: 96097
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.997 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

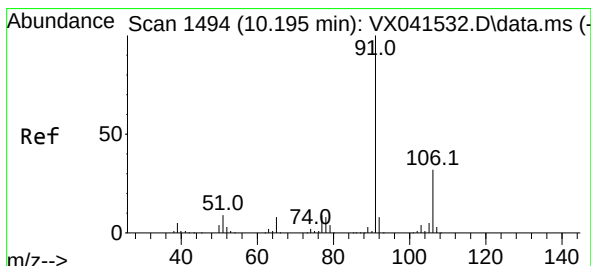
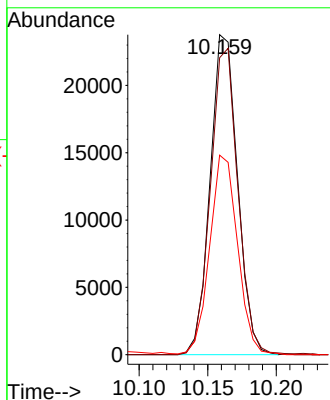
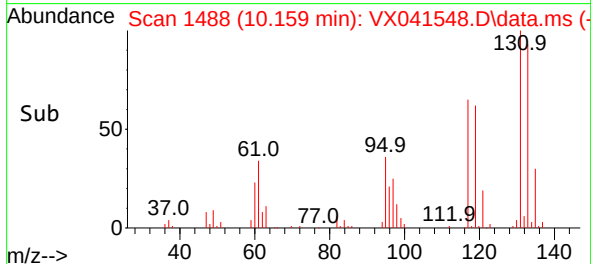
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 33019
Ion Ratio Lower Upper
131 100
133 96.4 0.0 191.6
119 63.5 0.0 126.4

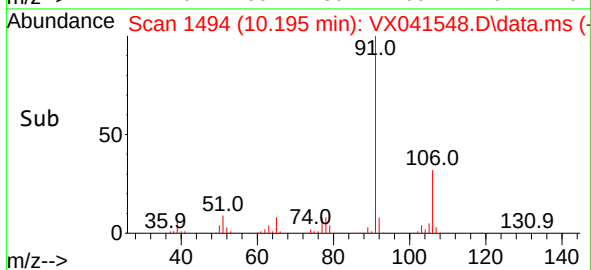
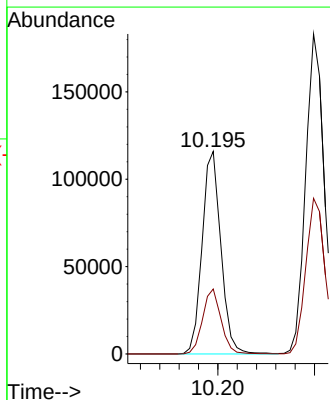
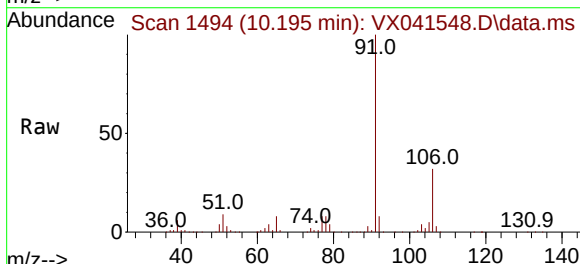
Manual Integrations
APPROVED

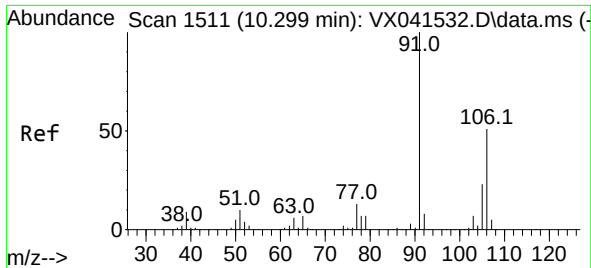
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
Ethyl Benzene
Concen: 19.549 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

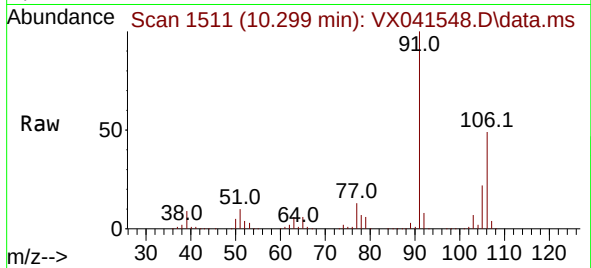
Tgt Ion: 91 Resp: 156937
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9





#67
m/p-Xylenes
Concen: 39.316 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

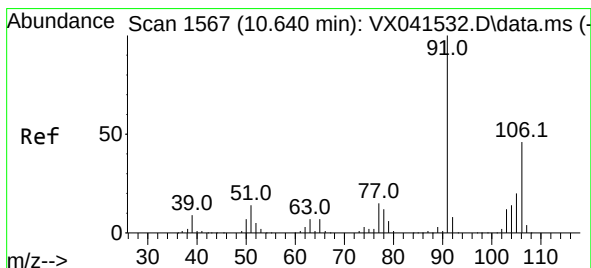
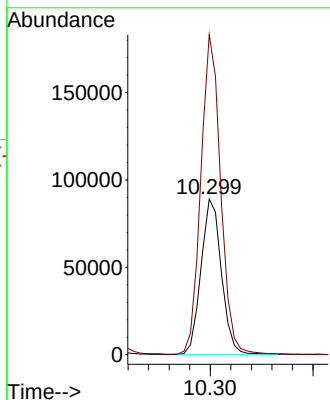
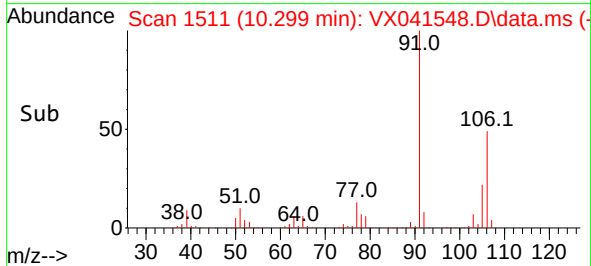
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



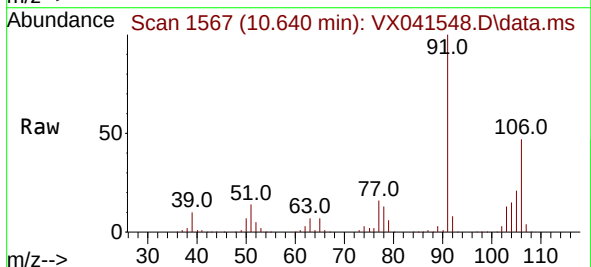
Tgt Ion:106 Resp: 12342
Ion Ratio Lower Upper
106 100
91 199.1 156.5 234.7

Manual Integrations
APPROVED

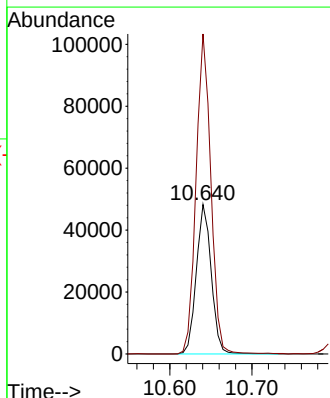
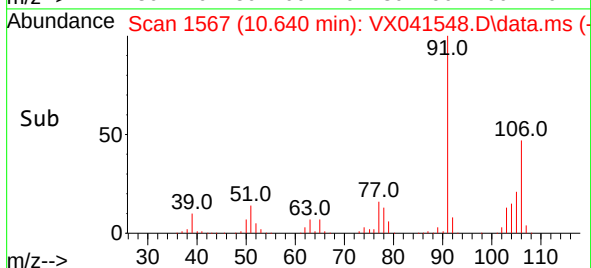
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

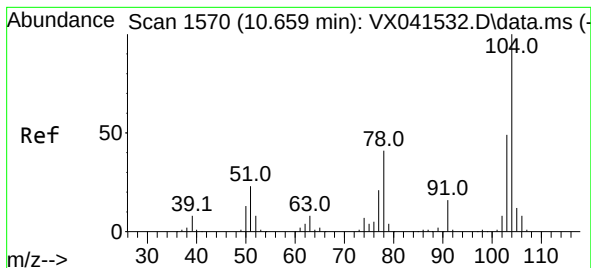


#68
o-Xylene
Concen: 19.275 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



Tgt Ion:106 Resp: 60908
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.6





#69

Styrene

Concen: 19.156 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 10149

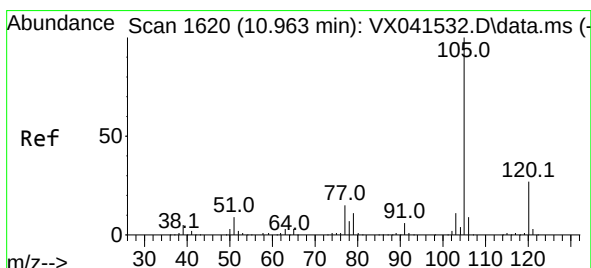
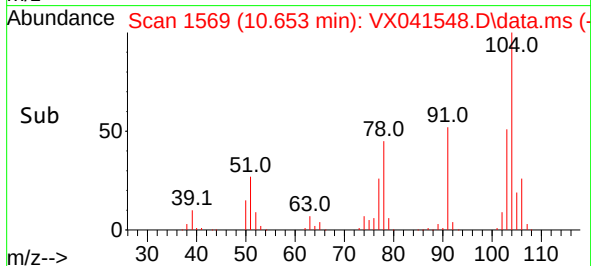
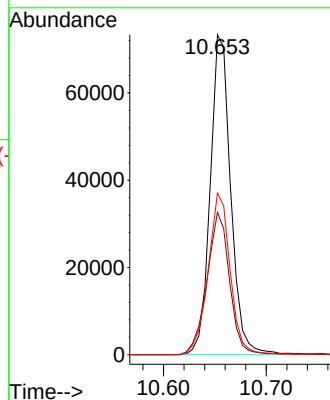
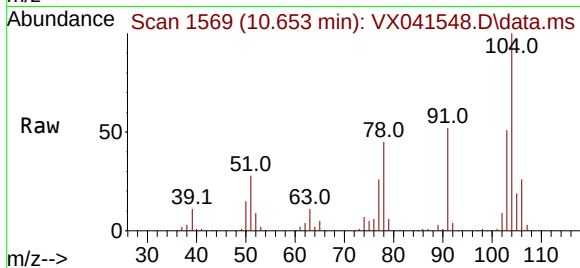
Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.3	58.9
103	54.5	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#70

Isopropylbenzene

Concen: 19.933 ug/l

RT: 10.963 min Scan# 1620

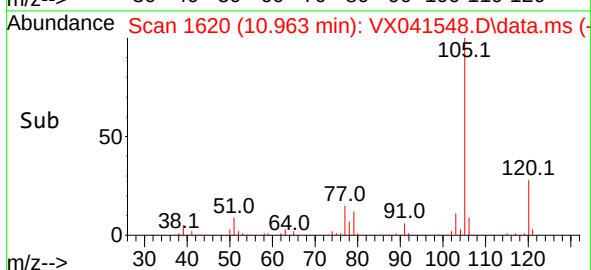
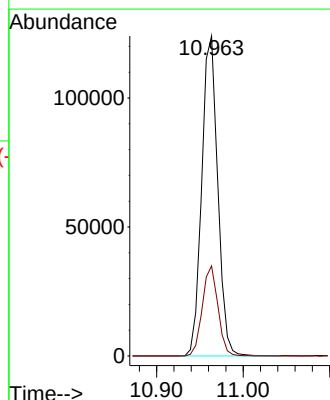
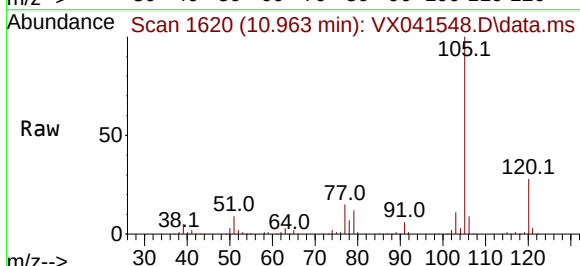
Delta R.T. 0.000 min

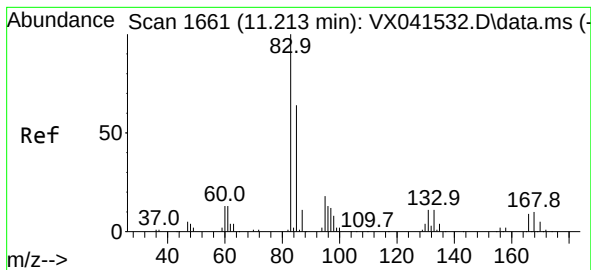
Lab File: VX041548.D

Acq: 15 May 2024 18:38

Tgt Ion:105 Resp: 159161

Ion	Ratio	Lower	Upper
105	100		
120	27.4	18.8	34.8





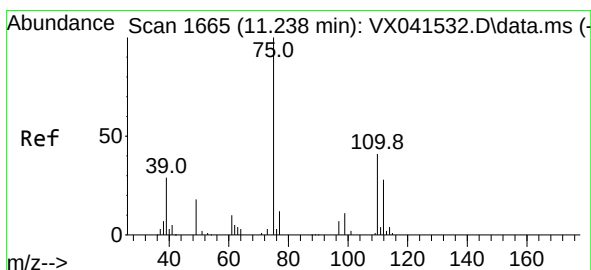
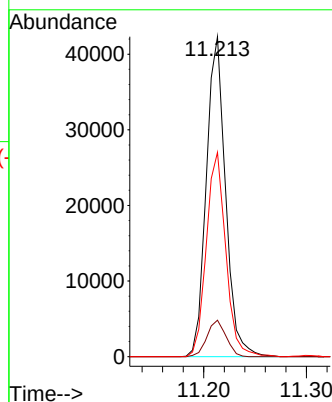
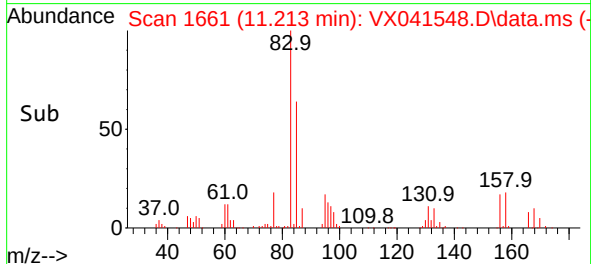
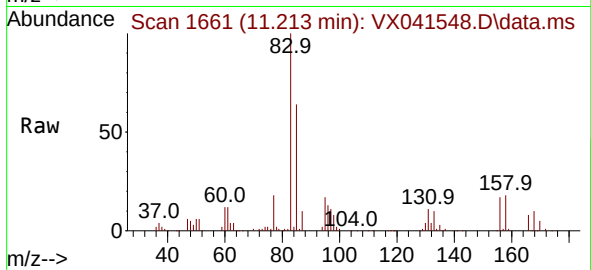
#71
1,1,2,2-Tetrachloroethane
Concen: 20.091 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 55110
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 64.6 32.3 96.8

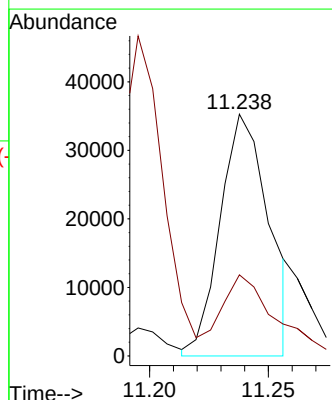
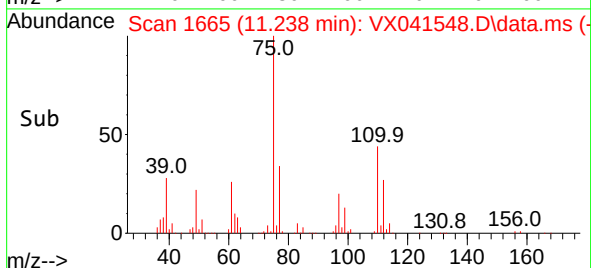
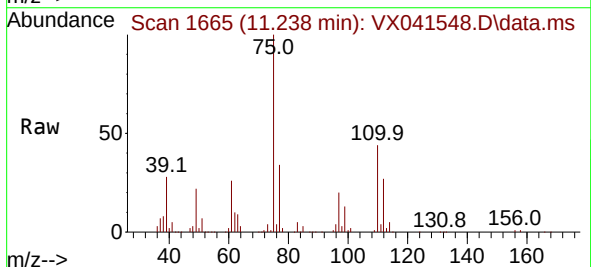
Manual Integrations
APPROVED

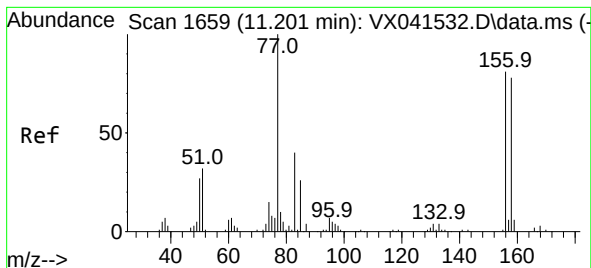
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#72
1,2,3-Trichloropropane
Concen: 20.359 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Tgt Ion: 75 Resp: 50363
Ion Ratio Lower Upper
75 100
77 37.5 0.0 78.8





#73

Bromobenzene

Concen: 19.419 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

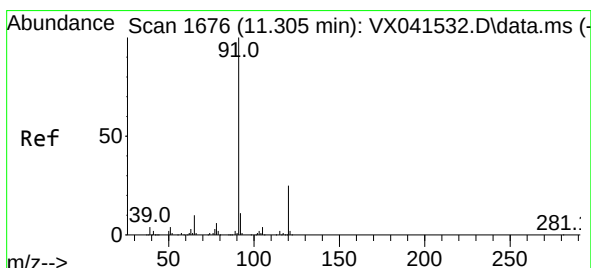
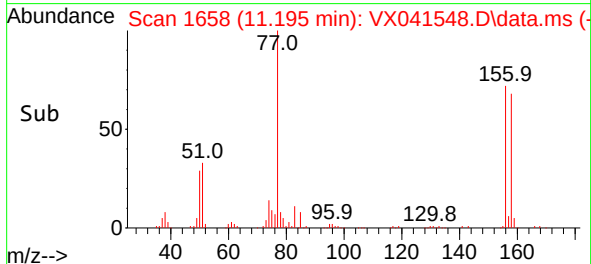
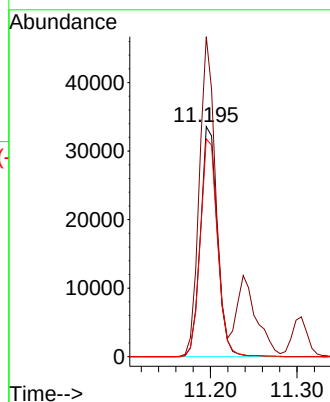
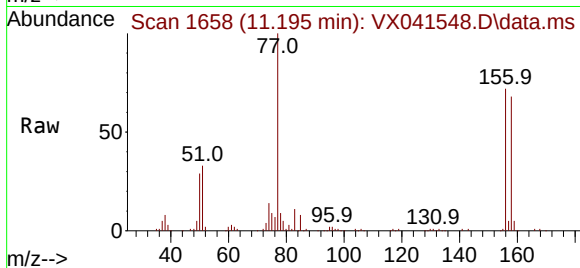
Tgt Ion:	156	Resp:	4556
Ion Ratio	Lower	Upper	
156	100		
77	131.6	0.0	267.4
158	96.2	0.0	192.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#74

n-propylbenzene

Concen: 19.320 ug/l

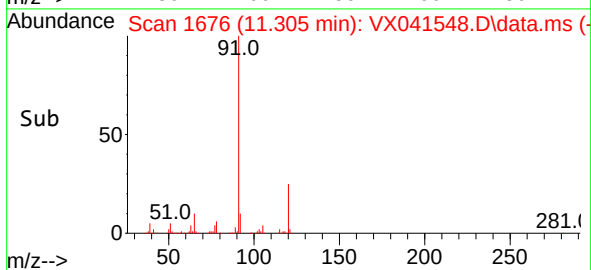
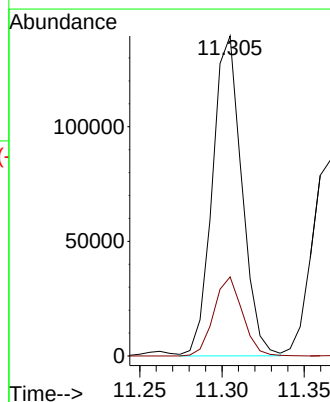
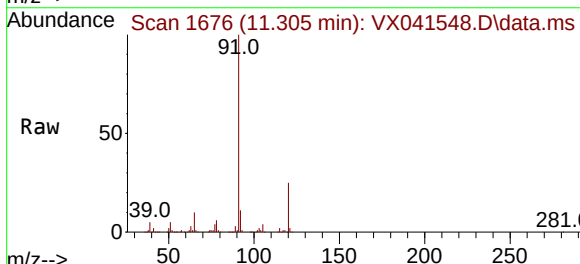
RT: 11.305 min Scan# 1676

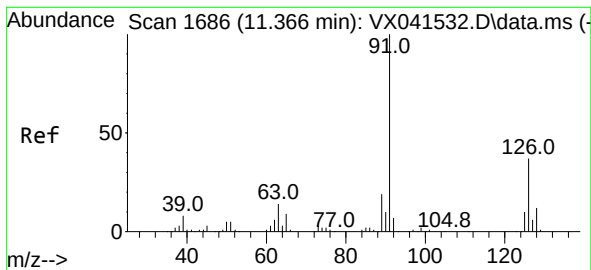
Delta R.T. 0.000 min

Lab File: VX041548.D

Acq: 15 May 2024 18:38

Tgt Ion:	91	Resp:	173951
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.4





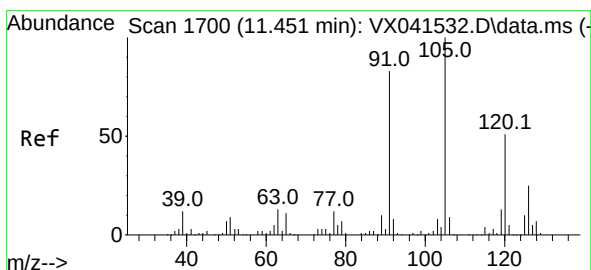
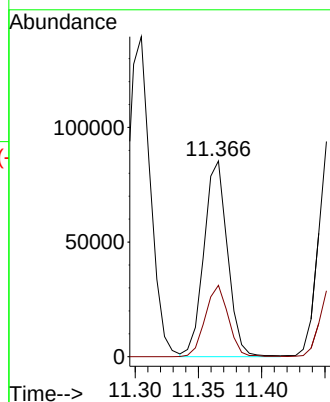
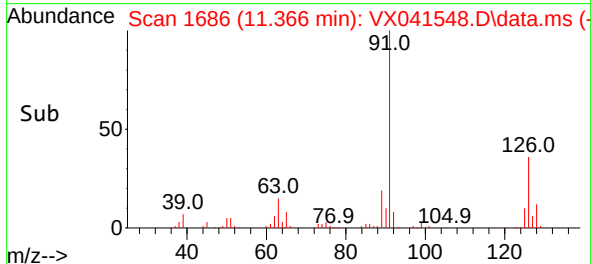
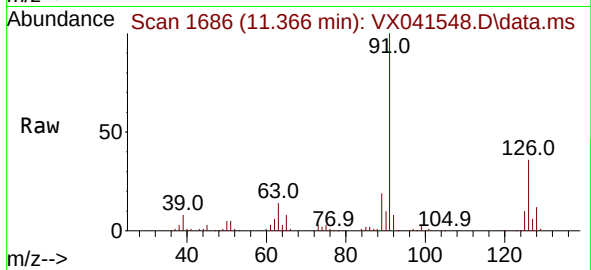
#75
2-Chlorotoluene
Concen: 19.621 ug/l
RT: 11.366 min Scan# 11093
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 11093
Ion Ratio Lower Upper
91 100
126 35.6 0.0 71.6

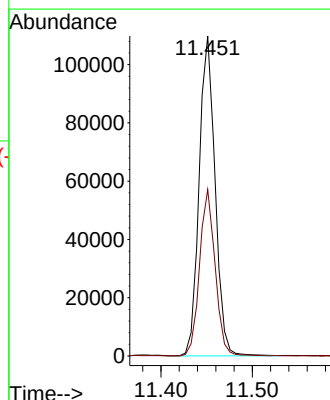
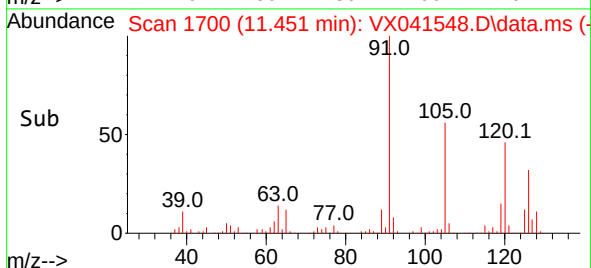
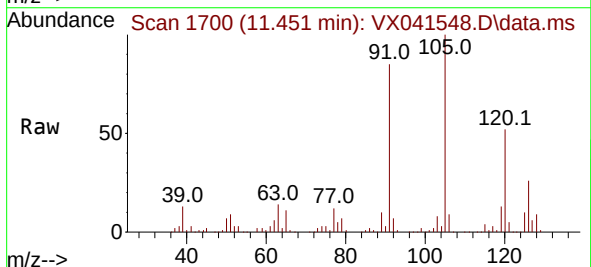
Manual Integrations
APPROVED

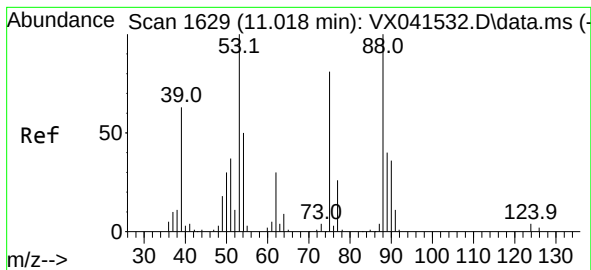
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.531 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

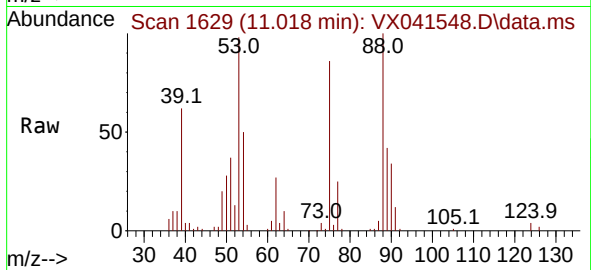
Tgt Ion:105 Resp: 133112
Ion Ratio Lower Upper
105 100
120 50.8 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 16.990 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

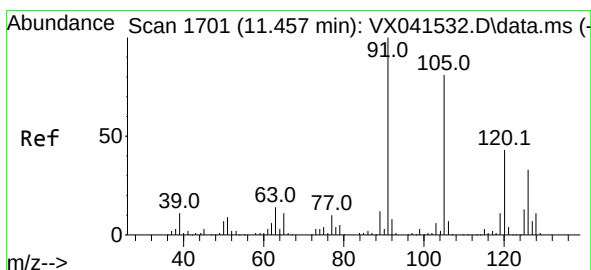
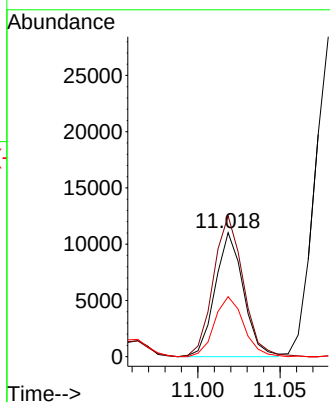
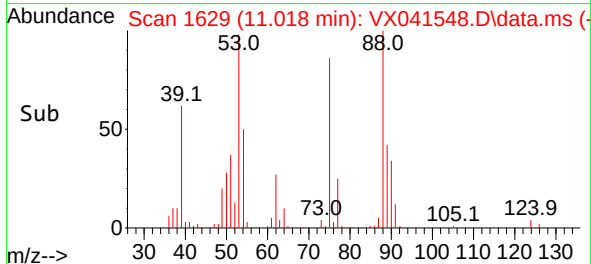
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 13210
Ion Ratio Lower Upper
75 100
53 113.6 61.8 185.3
89 48.3 24.9 74.7

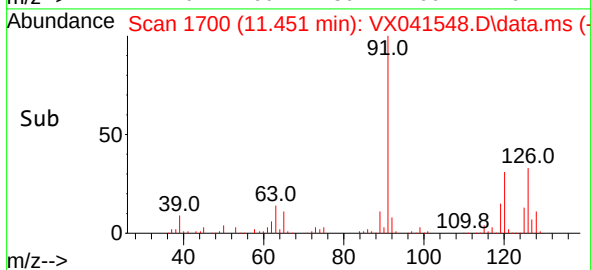
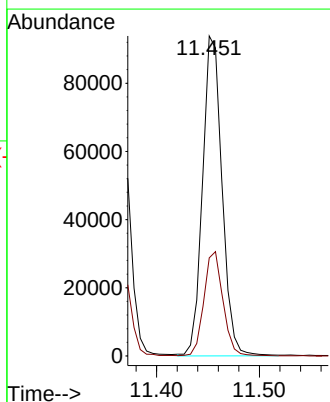
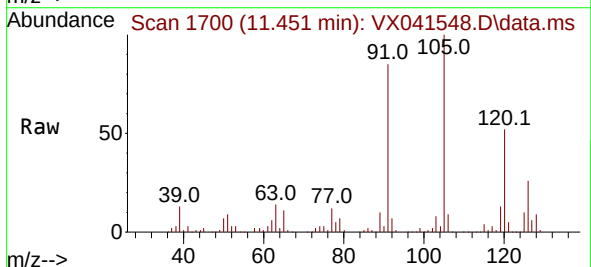
Manual Integrations
APPROVED

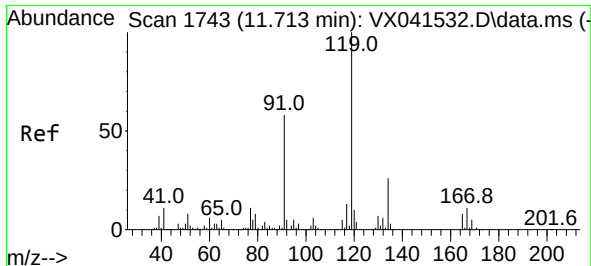
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
4-Chlorotoluene
Concen: 19.271 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

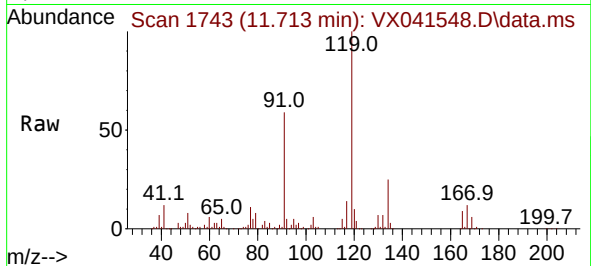
Tgt Ion: 91 Resp: 124100
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.2





#79
tert-butylbenzene
Concen: 18.584 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

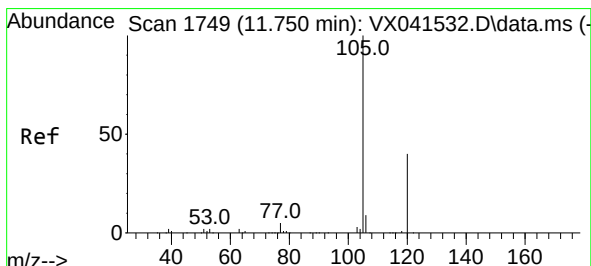
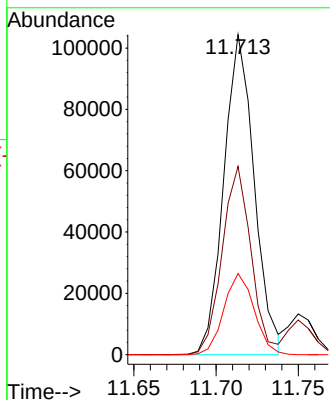
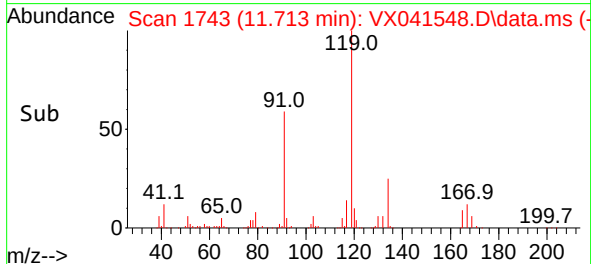
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 134804
Ion Ratio Lower Upper
119 100
91 56.2 0.0 110.0
134 25.2 0.0 50.0

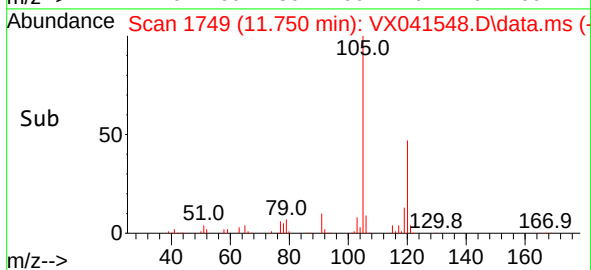
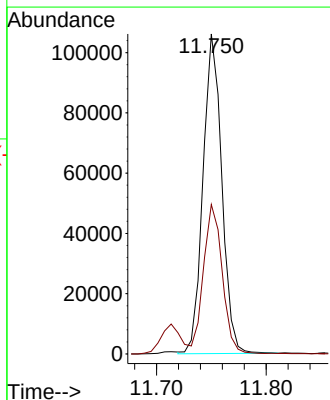
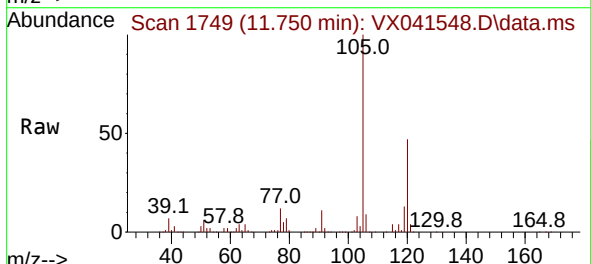
Manual Integrations
APPROVED

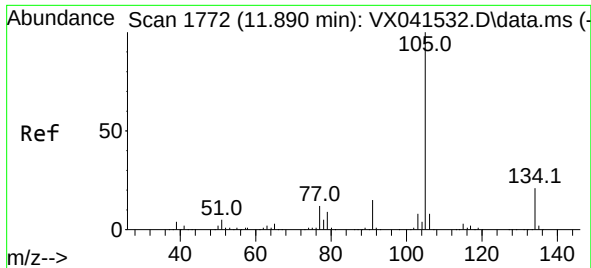
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.449 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

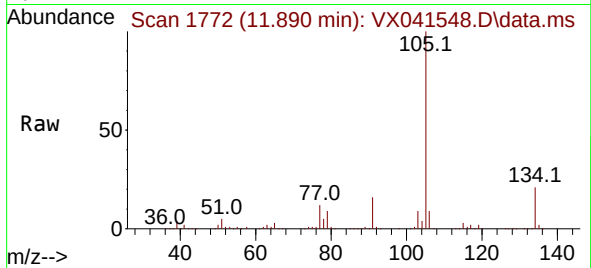
Tgt Ion:105 Resp: 126028
Ion Ratio Lower Upper
105 100
120 46.7 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 19.289 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041548.D
 Acq: 15 May 2024 18:38

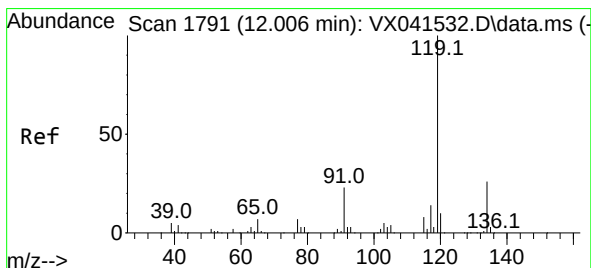
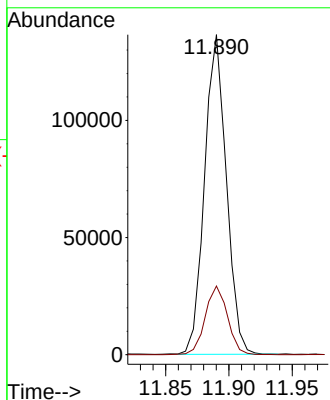
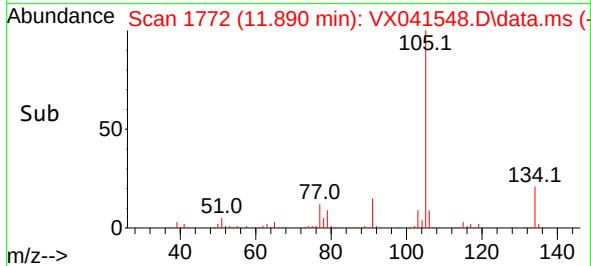
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



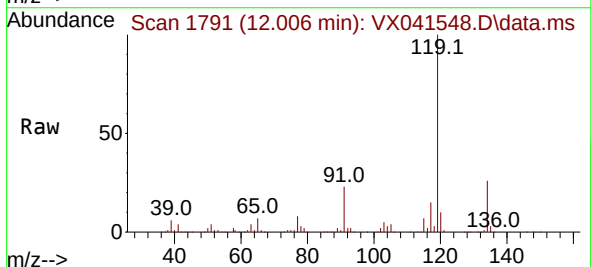
Tgt Ion:105 Resp: 163498
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.4

Manual Integrations
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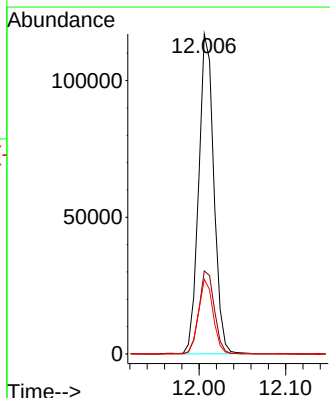
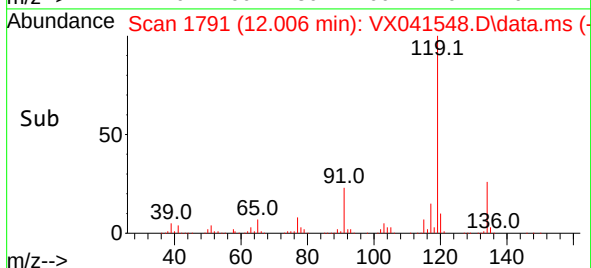
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

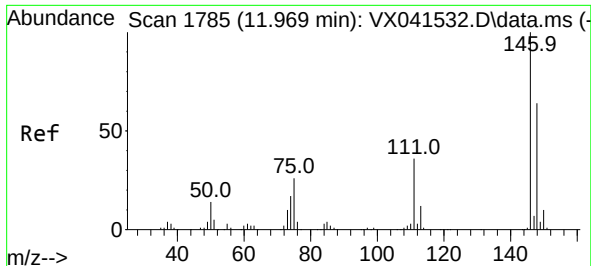


#82
 p-Isopropyltoluene
 Concen: 19.163 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041548.D
 Acq: 15 May 2024 18:38



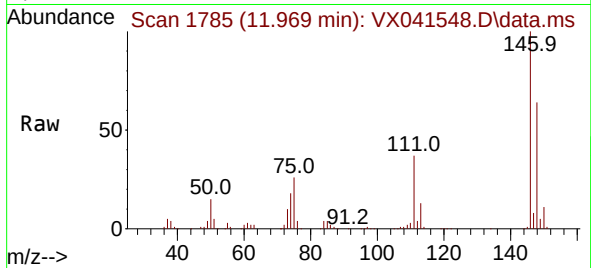
Tgt Ion:119 Resp: 142189
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 22.8 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 18.736 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

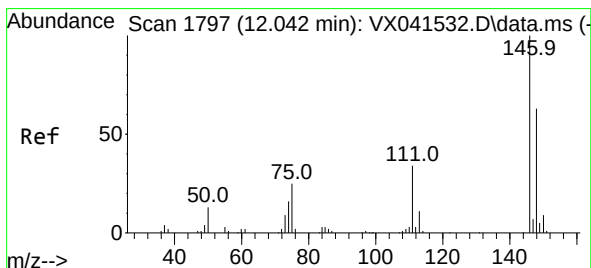
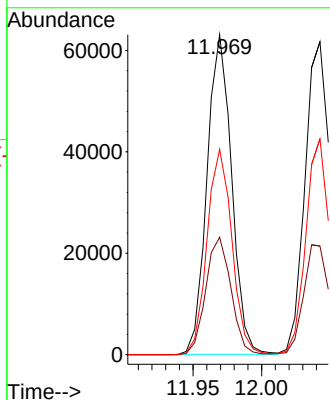
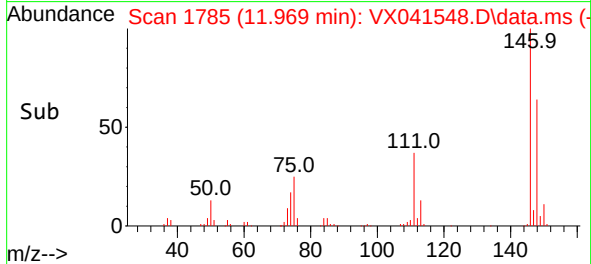
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



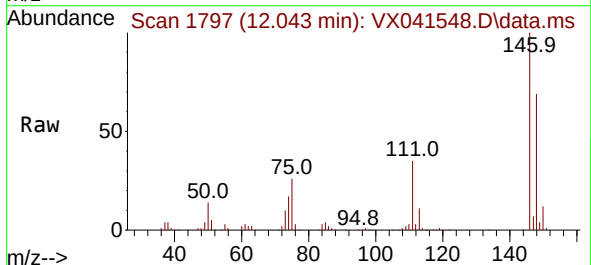
Tgt Ion:146 Resp: 78830
Ion Ratio Lower Upper
146 100
111 37.7 18.4 55.2
148 65.0 32.3 96.9

Manual Integrations
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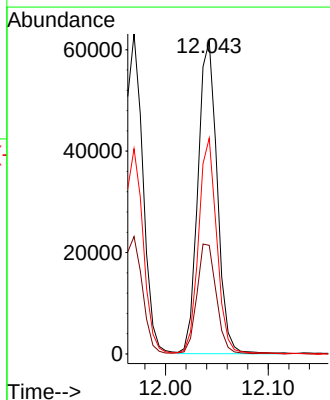
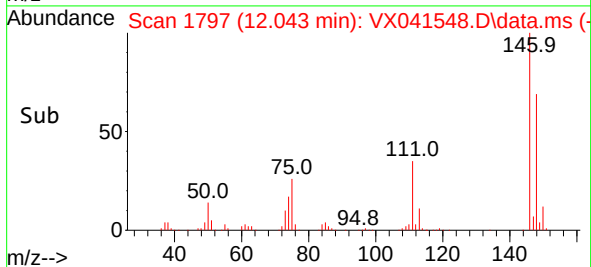
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

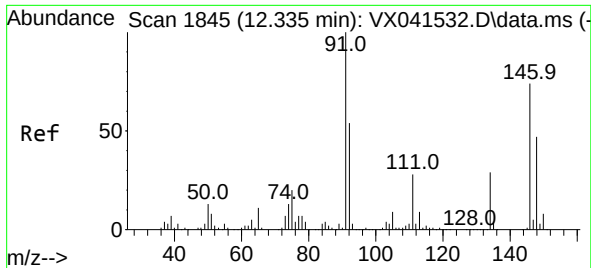


#84
1,4-Dichlorobenzene
Concen: 18.897 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



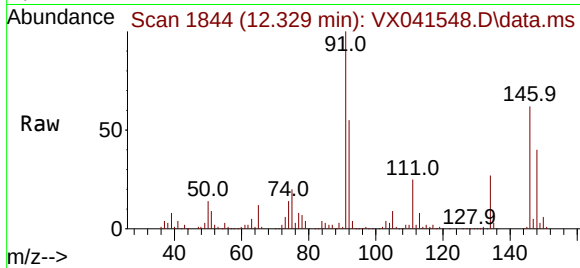
Tgt Ion:146 Resp: 80345
Ion Ratio Lower Upper
146 100
111 35.4 17.8 53.5
148 64.4 31.9 95.5





#85
n-Butylbenzene
Concen: 18.073 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

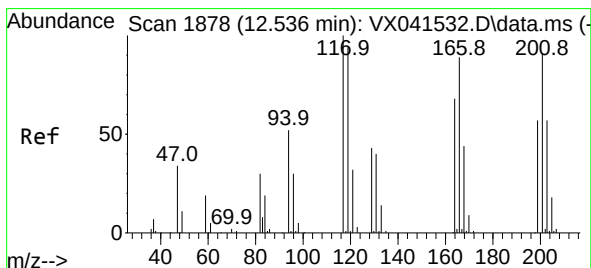
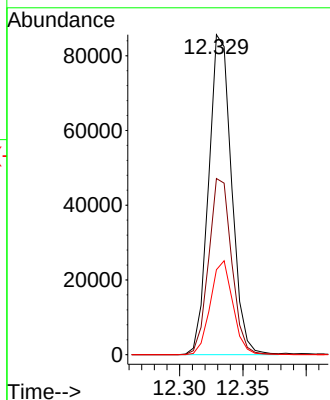
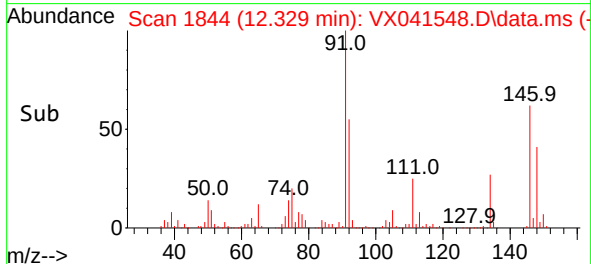
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 10790
Ion Ratio Lower Upper
91 100
92 55.4 0.0 108.4
134 28.8 0.0 56.6

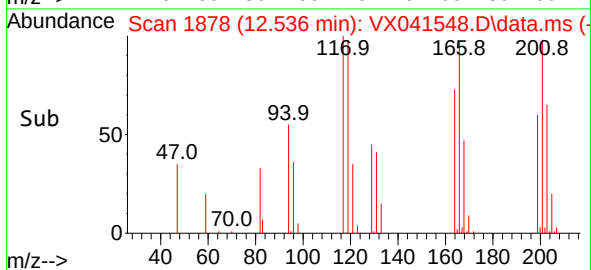
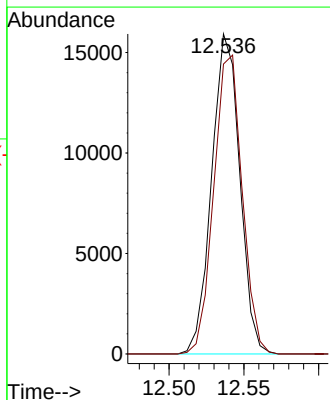
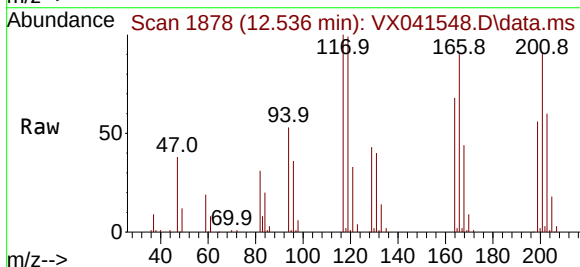
Manual Integrations
APPROVED

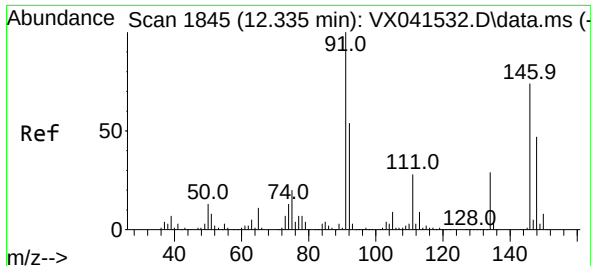
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#86
Hexachloroethane
Concen: 16.668 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

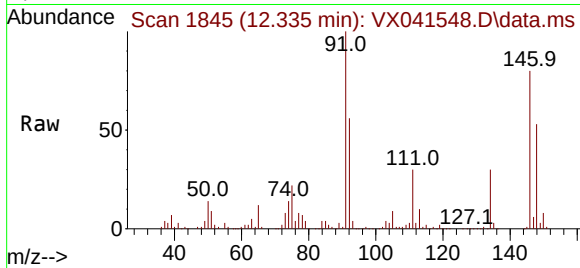
Tgt Ion:117 Resp: 20822
Ion Ratio Lower Upper
117 100
201 94.3 47.3 141.8





#87
1,2-Dichlorobenzene
Concen: 19.164 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

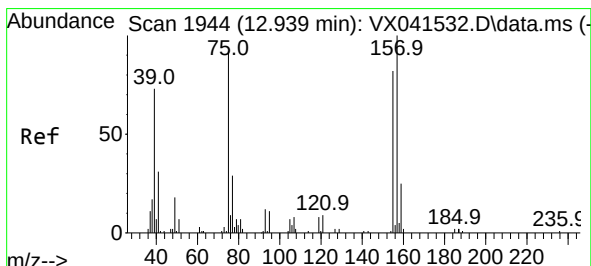
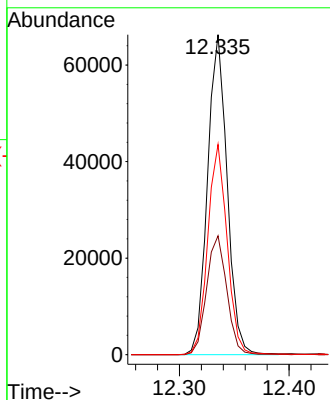
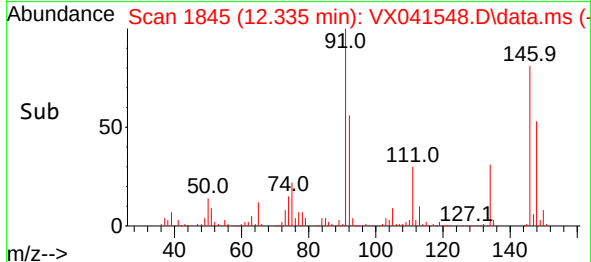
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



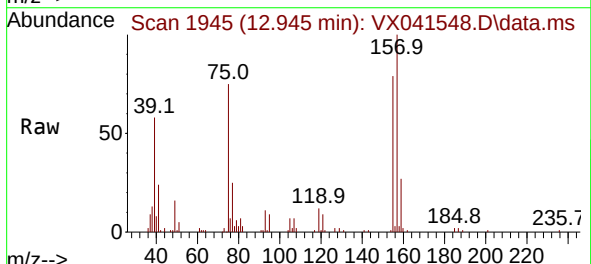
Tgt Ion:146 Resp: 8230
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.9
148 65.1 31.8 95.4

Manual Integrations
APPROVED

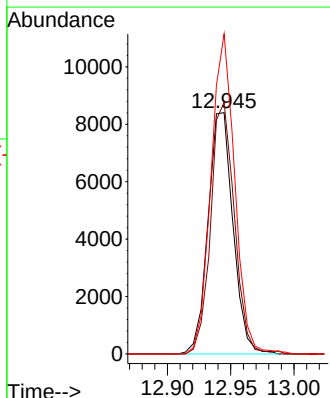
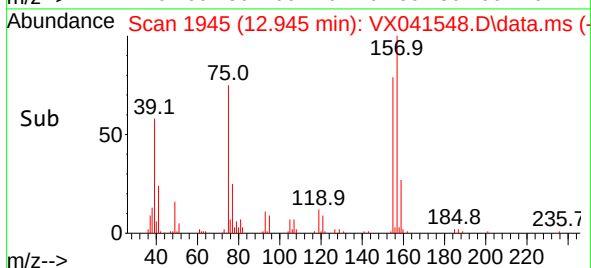
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

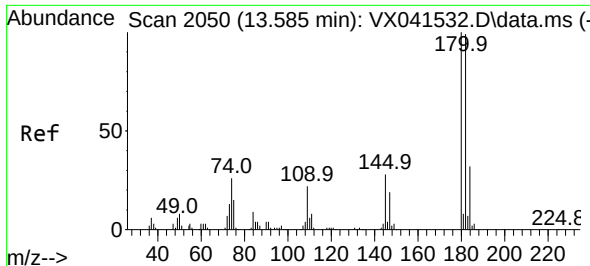


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.177 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



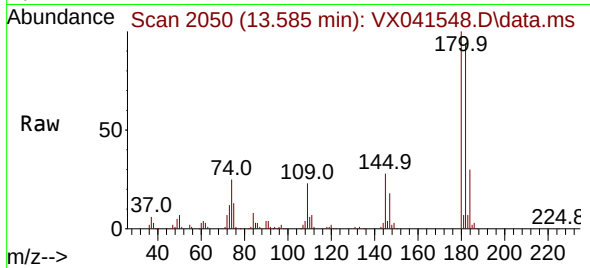
Tgt Ion: 75 Resp: 11552
Ion Ratio Lower Upper
75 100
155 98.3 80.4 120.6
157 125.7 102.2 153.2





#89
1,2,4-Trichlorobenzene
Concen: 18.241 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

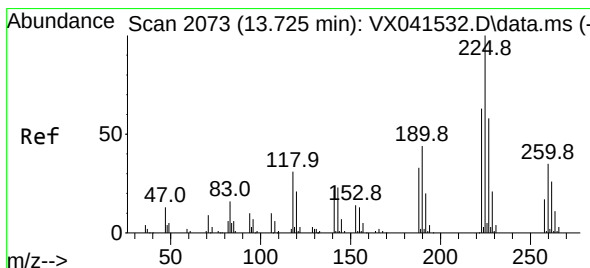
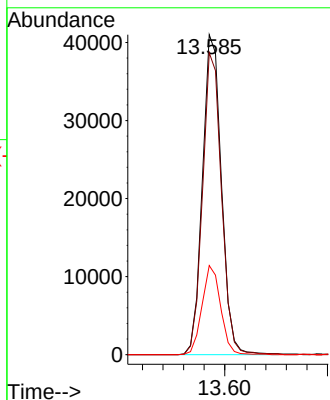
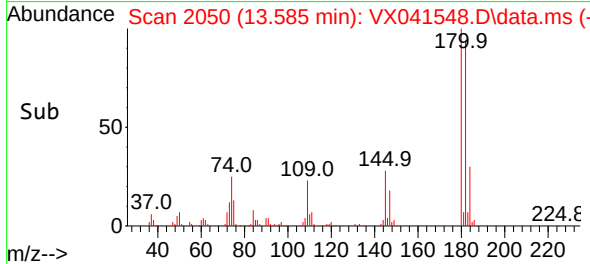
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



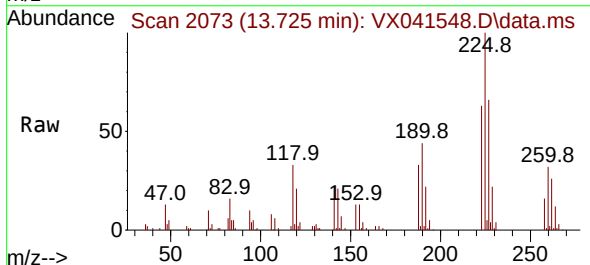
Tgt Ion:180 Resp: 52638
Ion Ratio Lower Upper
180 100
182 93.8 77.0 115.4
145 27.3 22.7 34.1

Manual Integrations
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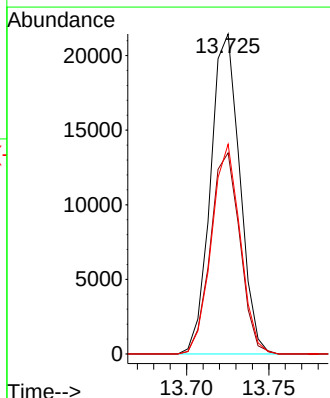
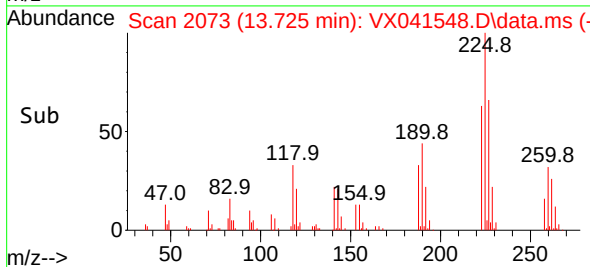
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

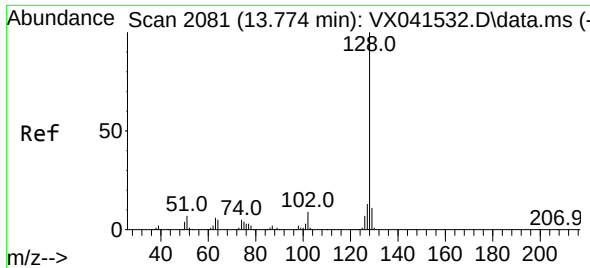


#90
Hexachlorobutadiene
Concen: 18.833 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



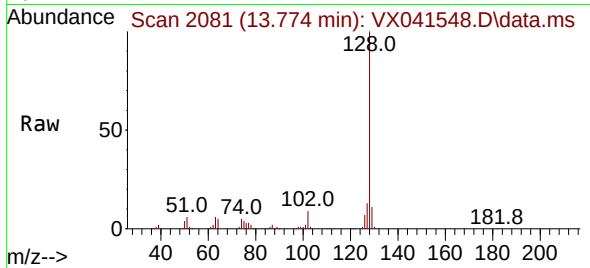
Tgt Ion:225 Resp: 26514
Ion Ratio Lower Upper
225 100
223 63.4 0.0 125.8
227 64.2 0.0 125.6





#91
Naphthalene
Concen: 19.345 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38

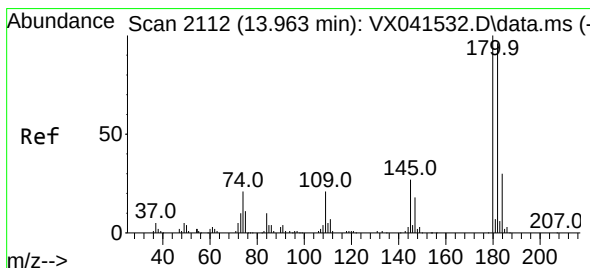
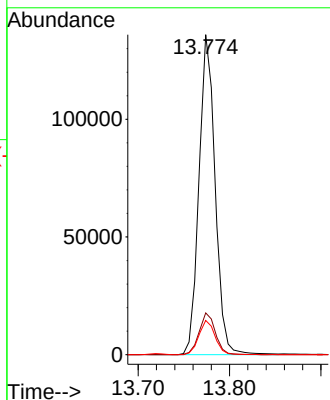
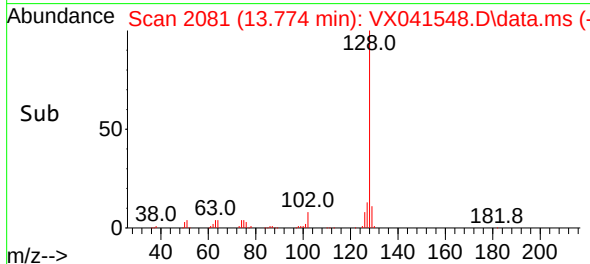
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



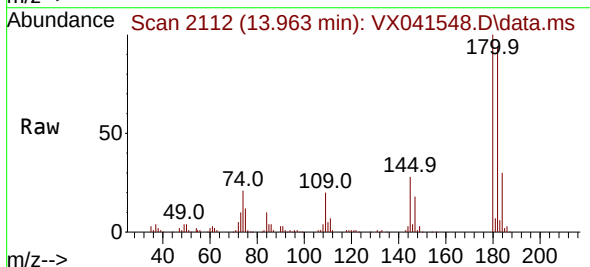
Tgt Ion:128 Resp: 16684
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.322 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041548.D
Acq: 15 May 2024 18:38



Tgt Ion:180 Resp: 56968
Ion Ratio Lower Upper
180 100
182 96.4 0.0 191.0
145 29.3 0.0 58.6

