

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041660.D
 Acq On : 28 May 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2024
 Supervised By : Mahesh Dadoda 05/29/2024

Quant Time: May 29 05:40:30 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	4.891	128	26564	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	154535	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	146582	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	68360	32.678	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.933%			
60) 4-Bromofluorobenzene	11.079	95	70124	30.645	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.167%			
63) Toluene-d8	8.647	98	182299	29.013	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26637	19.171	ug/l	98
3) Chloromethane	1.301	50	26813	17.623	ug/l	100
4) Vinyl Chloride	1.374	62	29769	18.584	ug/l	99
5) Bromomethane	1.599	94	18078	17.743	ug/l	100
6) Chloroethane	1.666	64	16805	20.750	ug/l	95
7) Trichlorofluoromethane	1.868	101	50569	20.798	ug/l	96
8) Diethyl Ether	2.136	74	19524	21.502	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	29025	20.585	ug/l	98
10) 1,1-Dichloroethene	2.306	96	27080	19.925	ug/l	94
11) Methyl Iodide	2.441	142	33893	20.938	ug/l	98
12) Methyl Acetate	2.709	43	46017	22.482	ug/l	95
13) Acrolein	2.239	56	21063	84.527	ug/l	97
14) Acrylonitrile	3.069	53	89103	99.011	ug/l	98
15) Acetone	2.392	58	26786	111.090	ug/l	98
16) Carbon Disulfide	2.502	76	51544	16.797	ug/l	100
17) Allyl chloride	2.654	41	46120	19.122	ug/l	97
18) Methylene Chloride	2.782	84	33741	20.874	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	28043	17.994	ug/l	98
20) Diisopropyl ether	3.764	45	96157	18.975	ug/l	93
21) 1,1-Dichloroethane	3.599	63	54355	19.112	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	34904	18.431	ug/l	98
23) tert-Butyl Alcohol	2.995	59	37684m	98.675	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	94159	18.557	ug/l	96
25) Chloroform	5.086	83	57745	19.059	ug/l	97
26) Cyclohexane	5.452	56	42831	18.059	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	35517	17.374	ug/l	99
30) 2-Butanone	4.562	43	131902	97.212	ug/l	99
31) 2,2-Dichloropropane	4.471	77	42312	17.636	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	50473	18.401	ug/l	100
33) Carbon Tetrachloride	5.672	117	43039	18.339	ug/l	98
34) Benzene	6.031	78	117121	18.142	ug/l	99
35) Methacrylonitrile	4.922	41	27055	19.766	ug/l	96
36) 1,2-Dichloroethane	6.080	62	45341	18.820	ug/l	100
37) Trichloroethene	7.123	130	31451	17.485	ug/l	95
38) Methylcyclohexane	7.373	83	45890	17.680	ug/l	100
39) 1,2-Dichloropropane	7.421	63	27121	17.771	ug/l	99
40) Dibromomethane	7.580	93	22192	18.477	ug/l	99
41) Bromodichloromethane	7.818	83	42142	18.689	ug/l	98
42) Vinyl Acetate	3.721	43	430127	91.367	ug/l	100

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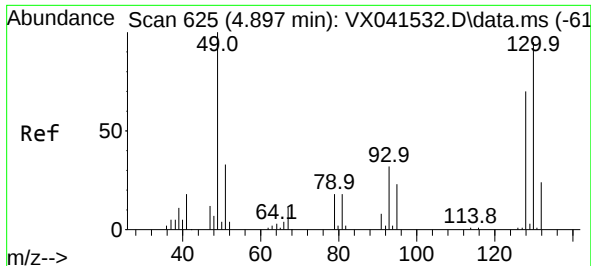
Manual Integrations
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Reviewed By : John Carlone 05/29/2024
 Supervised By : Mahesh Dadoda 05/29/2024

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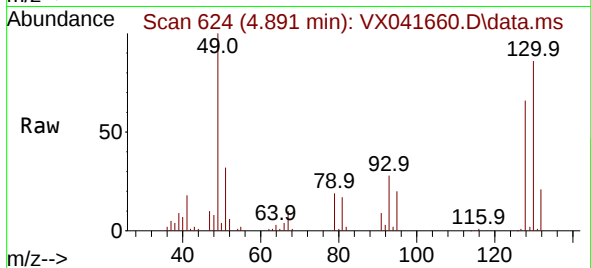
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	45135	17.240	ug/l	97
44) Isopropyl Acetate	6.336	43	73462	18.563	ug/l	99
45) 1,4-Dioxane	7.665	88	16039m	359.365	ug/l	
46) Methyl methacrylate	7.690	41	37075	18.829	ug/l	97
47) n-amyl Acetate	10.842	43	65310	18.198	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	40773	18.005	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	43874	17.888	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	31569	18.894	ug/l	96
51) Ethyl methacrylate	9.116	69	47249	17.569	ug/l	98
52) 1,3-Dichloropropane	9.305	76	51484	18.647	ug/l	99
53) Dibromochloromethane	9.519	129	35781	18.821	ug/l	98
54) 1,2-Dibromoethane	9.610	107	33789	19.070	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	134671	102.589	ug/l	100
56) Bromoform	10.799	173	28012	18.391	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	261376	97.591	ug/l	100
59) 2-Hexanone	9.427	43	204612	95.898	ug/l	99
61) Tetrachloroethene	9.269	164	31320	17.464	ug/l	95
62) Toluene	8.714	91	131818	18.073	ug/l	100
64) Chlorobenzene	10.079	112	90092	18.185	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	32008	18.254	ug/l	99
66) Ethyl Benzene	10.189	91	147967	18.269	ug/l	98
67) m/p-Xylenes	10.299	106	115855	36.581	ug/l	98
68) o-Xylene	10.640	106	58572	18.373	ug/l	97
69) Styrene	10.653	104	96177	17.993	ug/l	99
70) Isopropylbenzene	10.963	105	150901	18.732	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	52477	18.963	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	44494m	17.828	ug/l	
73) Bromobenzene	11.195	156	42618	18.005	ug/l	98
74) n-propylbenzene	11.305	91	167680	18.460	ug/l	99
75) 2-Chlorotoluene	11.360	91	105541	18.502	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	126923	18.459	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	14100	17.975	ug/l	95
78) 4-Chlorotoluene	11.451	91	117421	18.074	ug/l	97
79) tert-butylbenzene	11.713	119	134406	18.366	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	127009	18.429	ug/l	100
81) sec-Butylbenzene	11.890	105	158523	18.538	ug/l	100
82) p-Isopropyltoluene	12.006	119	138172	18.458	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	77111	18.165	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	76834	17.913	ug/l	99
85) n-Butylbenzene	12.329	91	108002	17.930	ug/l	100
86) Hexachloroethane	12.536	117	22688	18.002	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	79125	18.262	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11503	18.927	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	52434	18.010	ug/l	97
90) Hexachlorobutadiene	13.725	225	26121	18.391	ug/l	98
91) Naphthalene	13.774	128	156991	18.042	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	53797	18.086	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

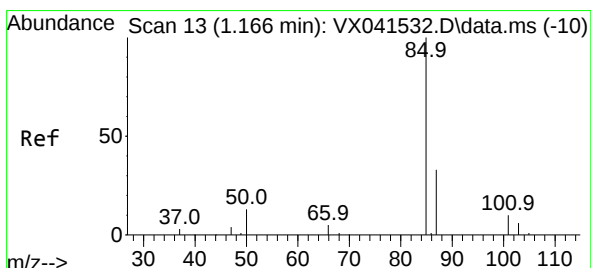
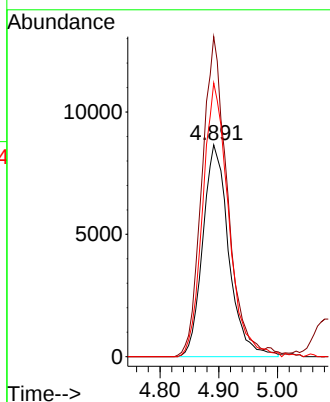
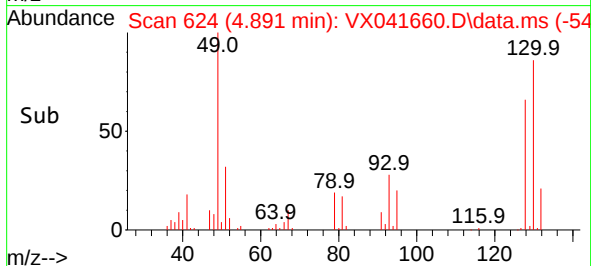
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 26564
Ion Ratio Lower Upper
128 100
49 147.7 0.0 361.5
130 128.5 0.0 324.3

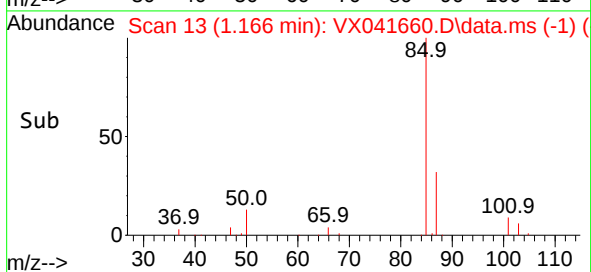
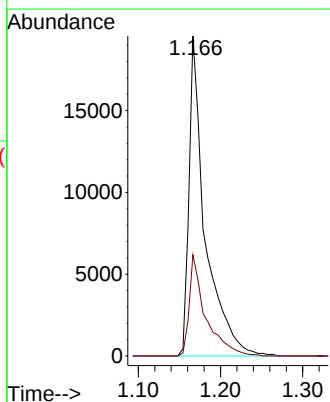
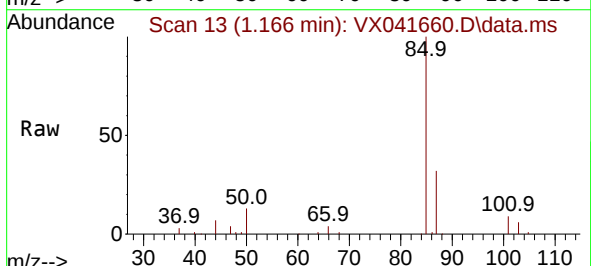
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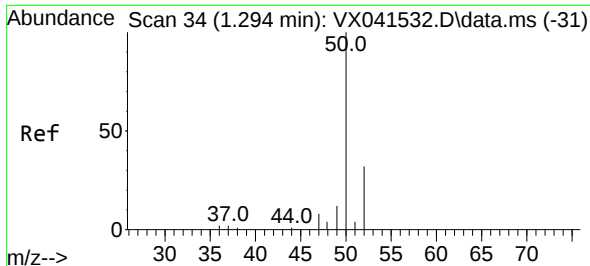
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#2
Dichlorodifluoromethane
Concen: 19.171 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 85 Resp: 26637
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





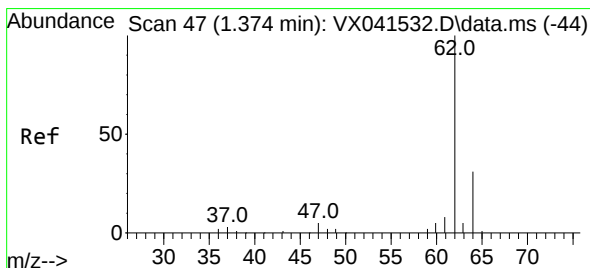
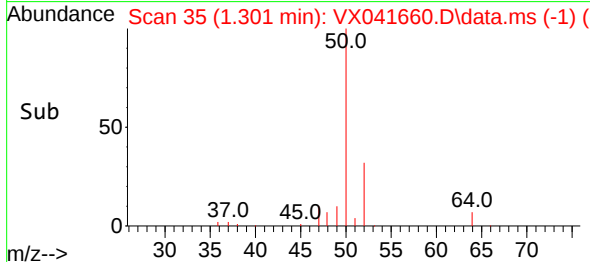
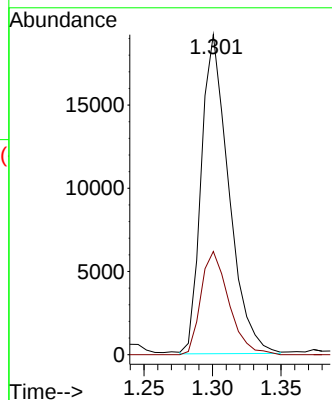
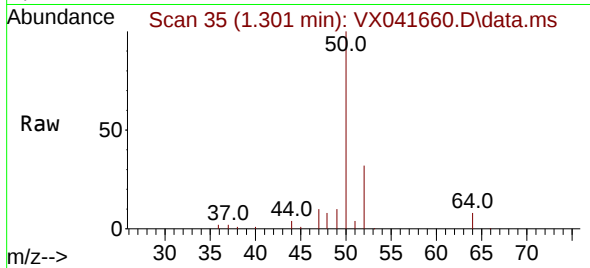
#3
Chloromethane
Concen: 17.623 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 2681
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.8

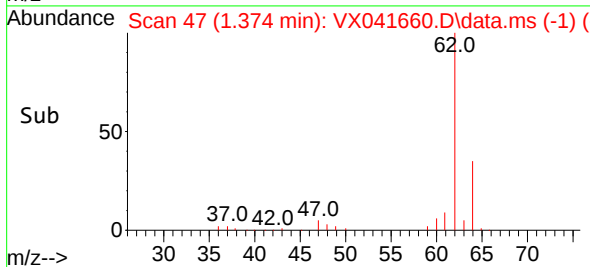
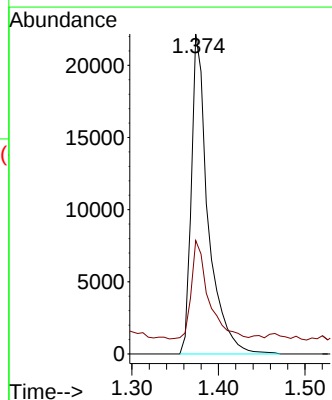
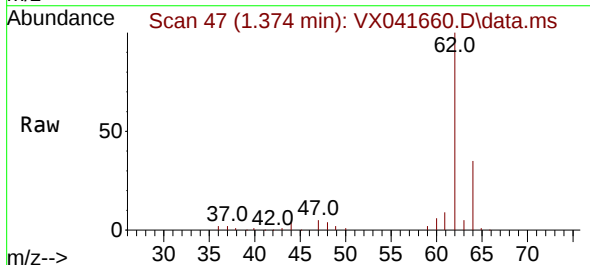
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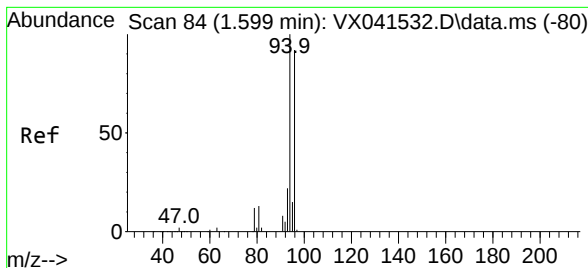
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#4
Vinyl Chloride
Concen: 18.584 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

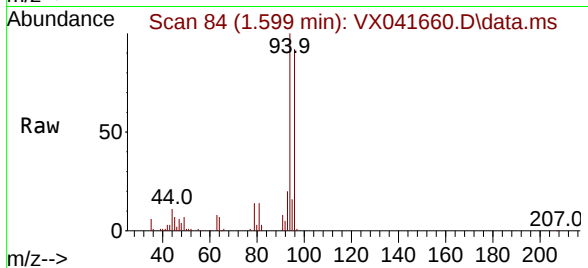
Tgt Ion: 62 Resp: 29769
Ion Ratio Lower Upper
62 100
64 30.3 24.6 37.0





#5
Bromomethane
Concen: 17.743 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

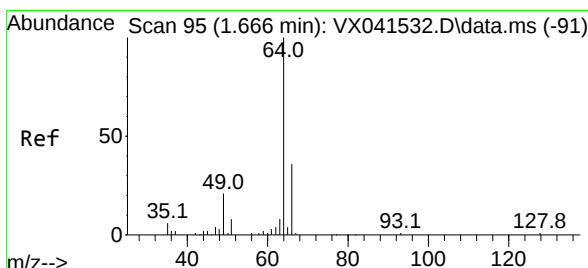
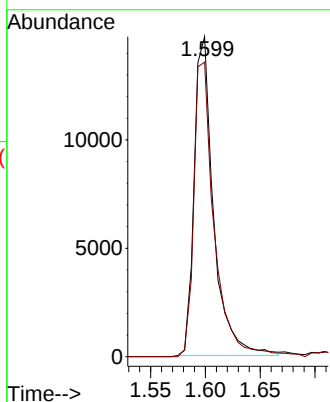
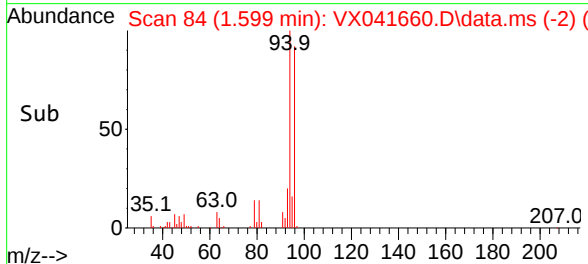
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 18078
Ion Ratio Lower Upper
94 100
96 92.4 73.9 110.9

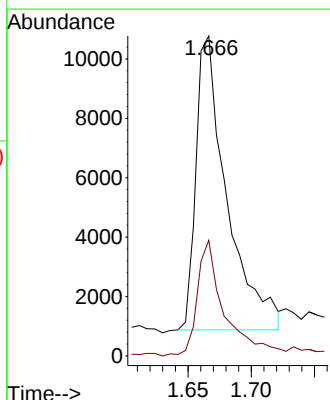
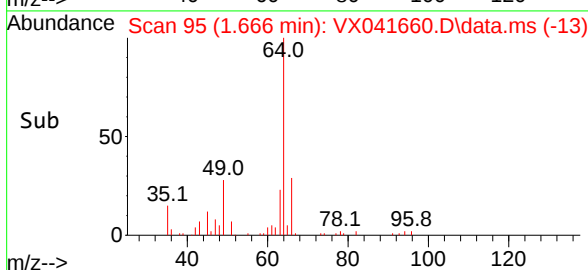
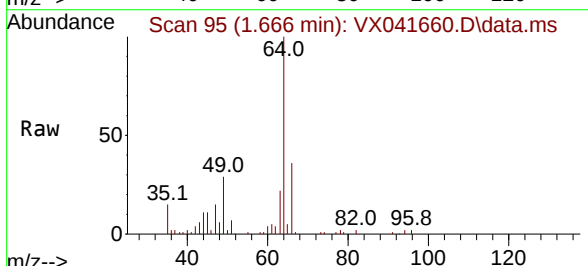
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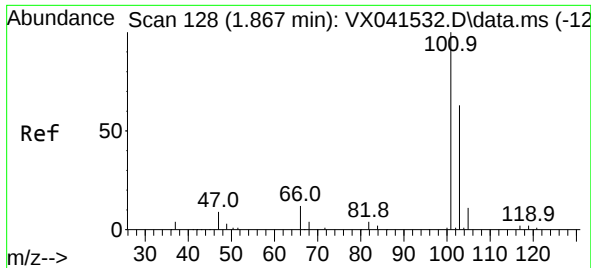
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#6
Chloroethane
Concen: 20.750 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

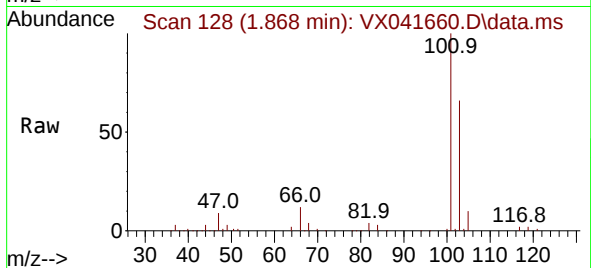
Tgt Ion: 64 Resp: 16805
Ion Ratio Lower Upper
64 100
66 38.8 28.6 42.8





#7
Trichlorofluoromethane
Concen: 20.798 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

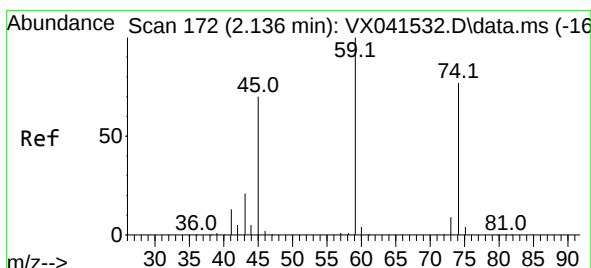
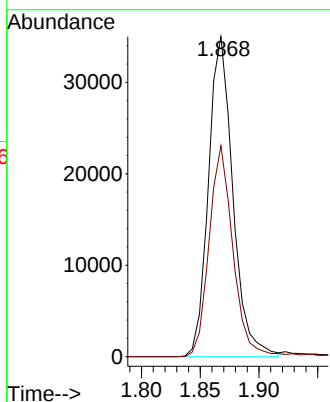
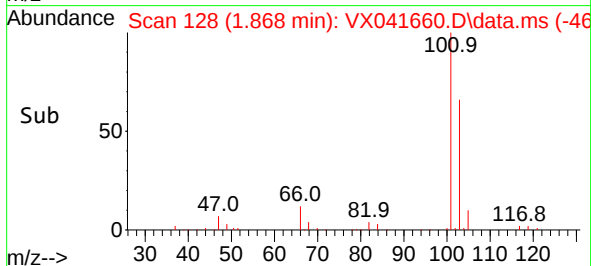
Instrument :
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Tgt Ion:101 Resp: 50569
Ion Ratio Lower Upper
101 100
103 65.9 50.1 75.1

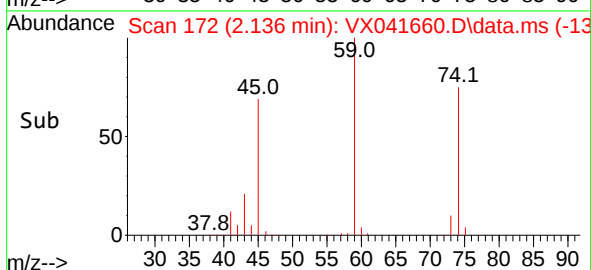
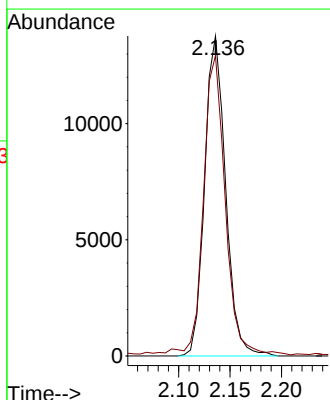
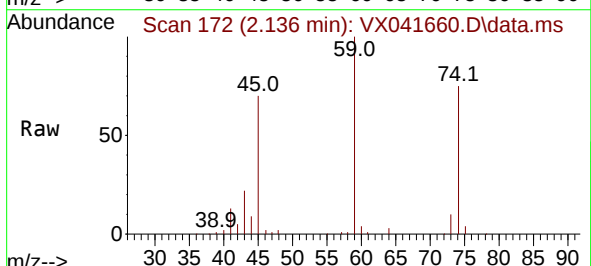
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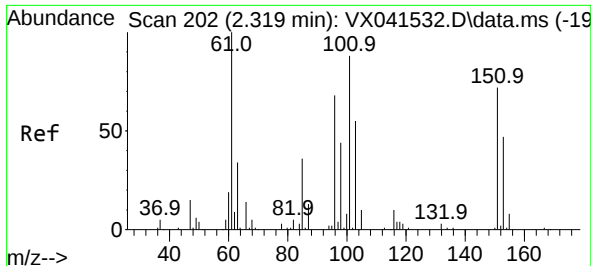
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#8
Diethyl Ether
Concen: 21.502 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 74 Resp: 19524
Ion Ratio Lower Upper
74 100
45 94.3 18.6 167.4





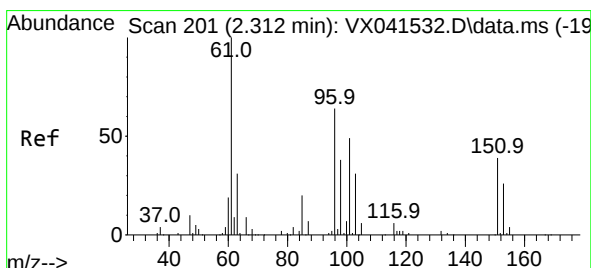
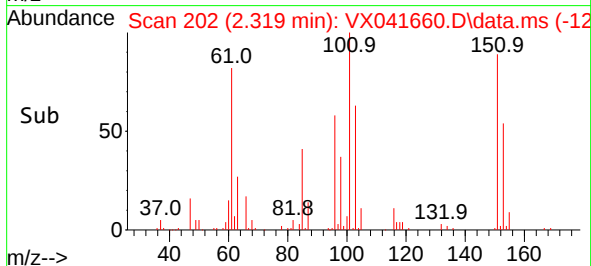
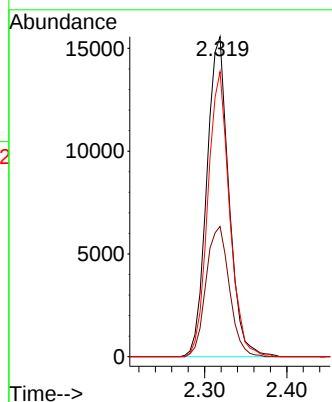
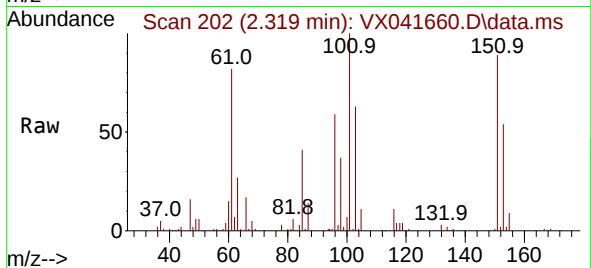
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1,1,2-Trichlorotrifluoroethane
Concen: 20.585 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2902
Ion Ratio Lower Upper
101 100
85 43.0 0.0 84.6
151 87.3 0.0 170.2

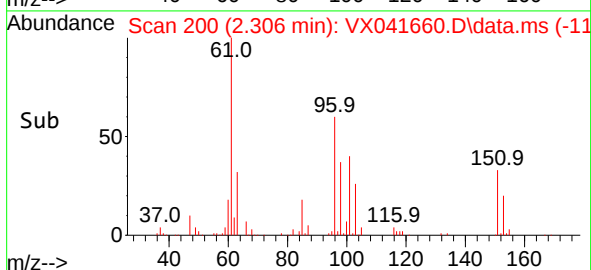
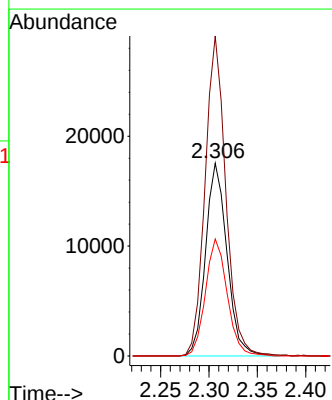
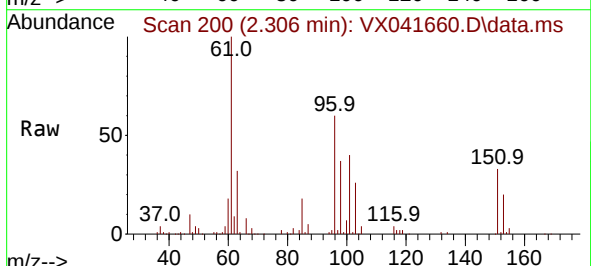
Manual Integrations
APPROVED

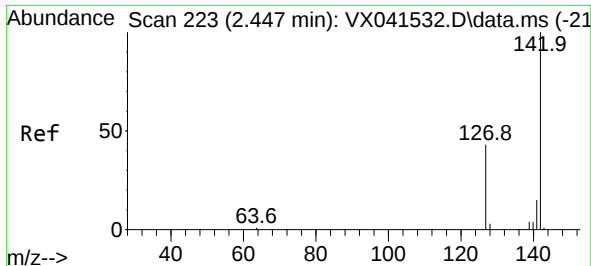
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#10
1,1-Dichloroethene
Concen: 19.925 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 96 Resp: 27080
Ion Ratio Lower Upper
96 100
61 166.0 124.5 186.7
98 60.7 47.9 71.9





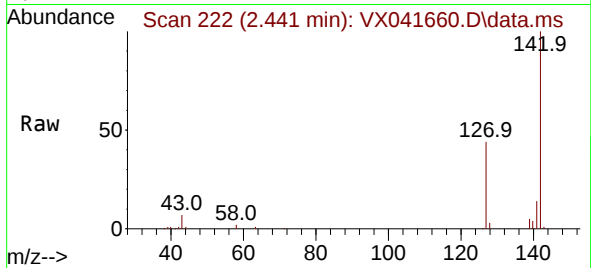
#11
Methyl Iodide
Concen: 20.938 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



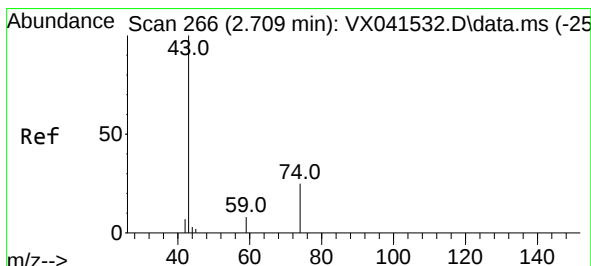
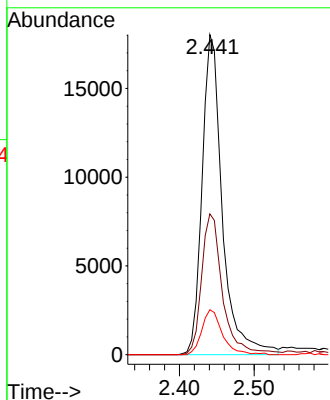
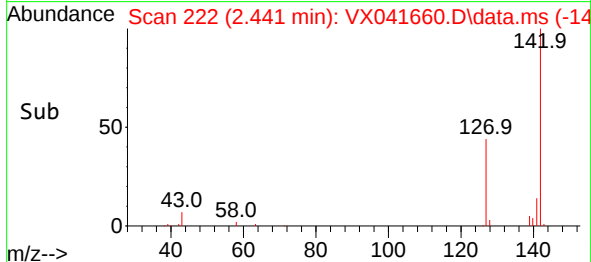
Tgt Ion:142 Resp: 3389
Ion Ratio Lower Upper
142 100
127 43.9 21.4 64.2
141 14.2 7.6 22.8

Manual Integrations

APPROVED

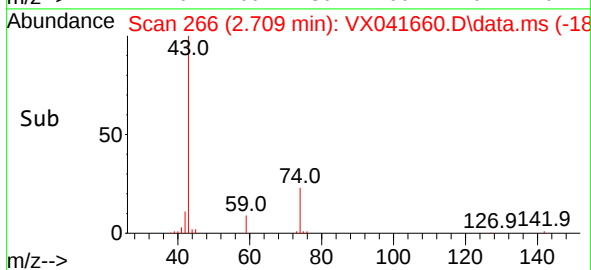
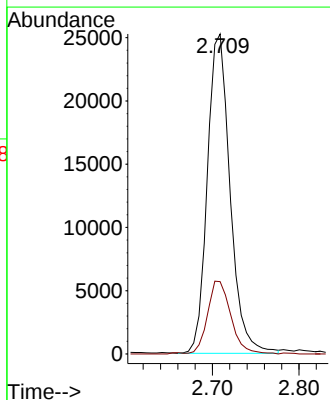
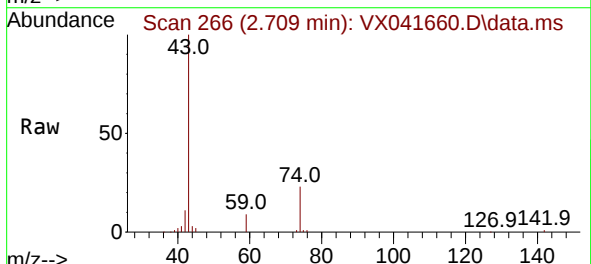
Reviewed By :John Carlone 05/29/2024

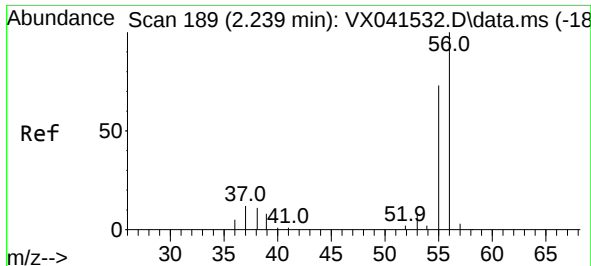
Supervised By :Mahesh Dadoda 05/29/2024



#12
Methyl Acetate
Concen: 22.482 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

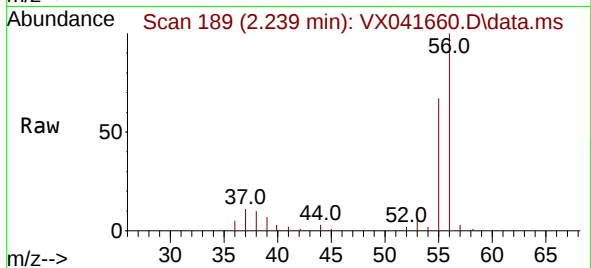
Tgt Ion: 43 Resp: 46017
Ion Ratio Lower Upper
43 100
74 22.6 19.9 29.9





#13
Acrolein
Concen: 84.527 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

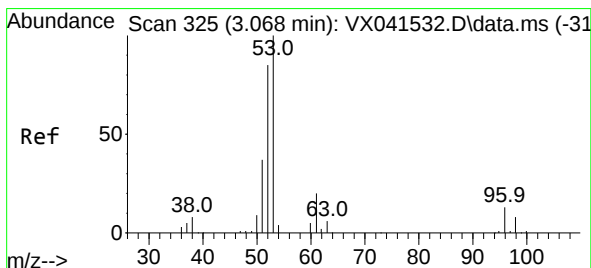
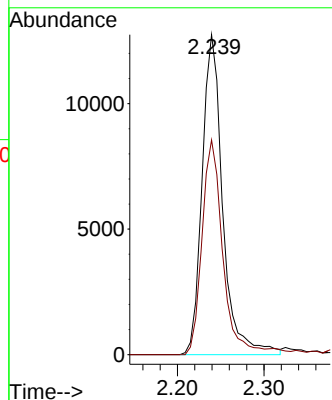
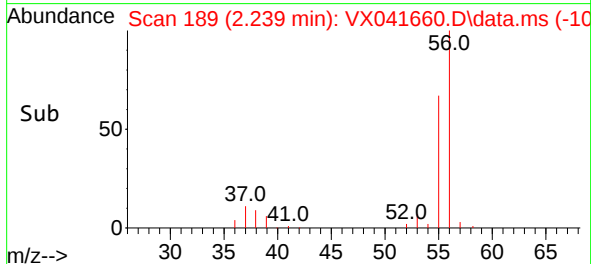
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



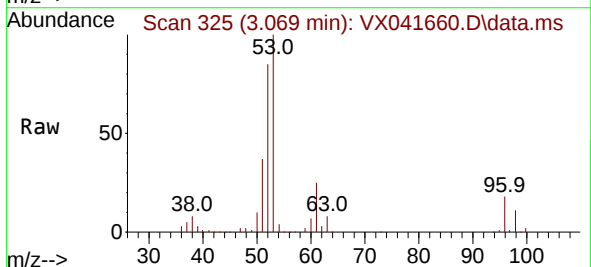
Tgt Ion: 56 Resp: 2106
Ion Ratio Lower Upper
56 100
55 66.8 55.1 82.7

Manual Integrations
APPROVED

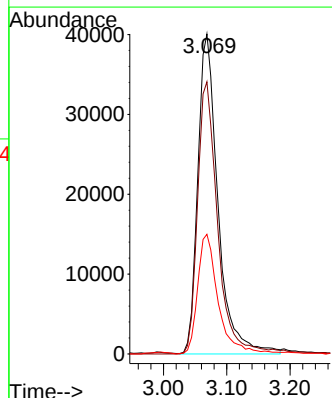
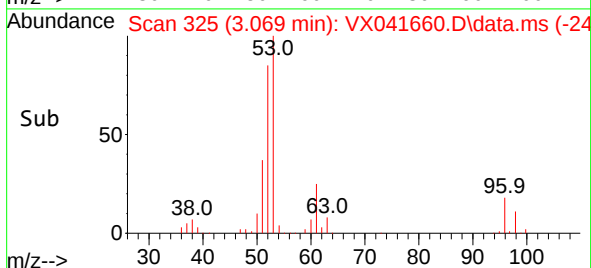
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

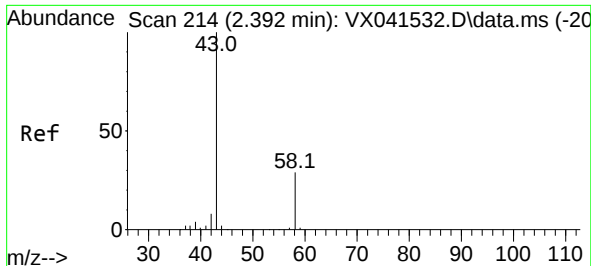


#14
Acrylonitrile
Concen: 99.011 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



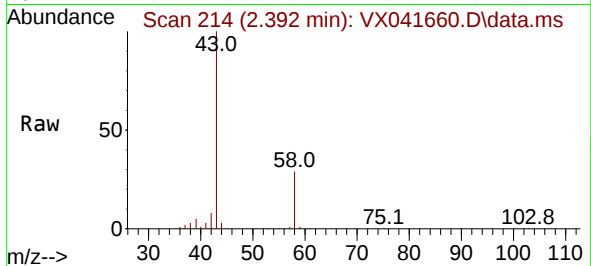
Tgt Ion: 53 Resp: 89103
Ion Ratio Lower Upper
53 100
52 83.9 41.3 123.7
51 37.6 18.4 55.0





#15
Acetone
Concen: 111.090 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

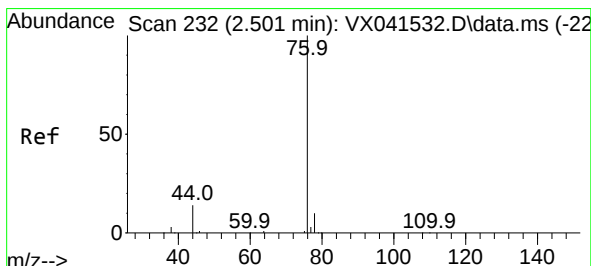
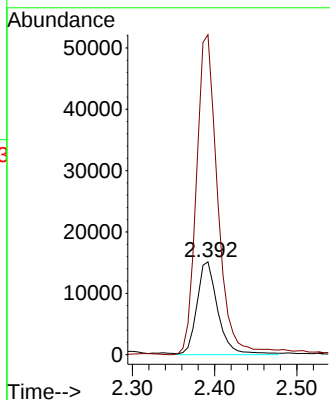
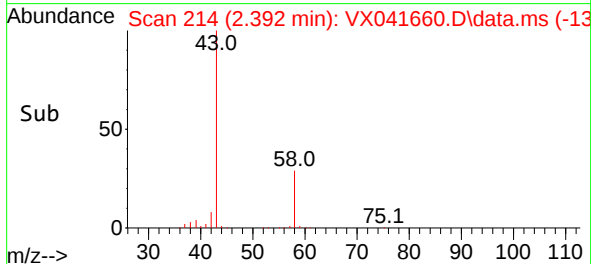
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



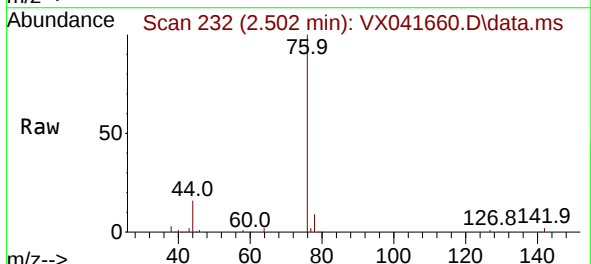
Tgt Ion: 58 Resp: 26780
Ion Ratio Lower Upper
58 100
43 347.1 274.0 411.0

Manual Integrations
APPROVED

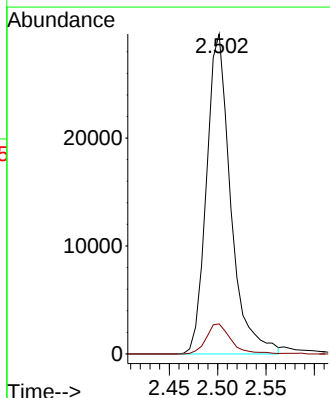
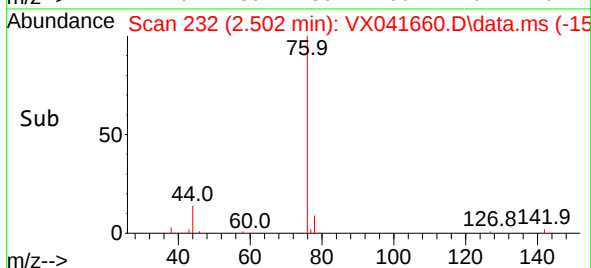
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

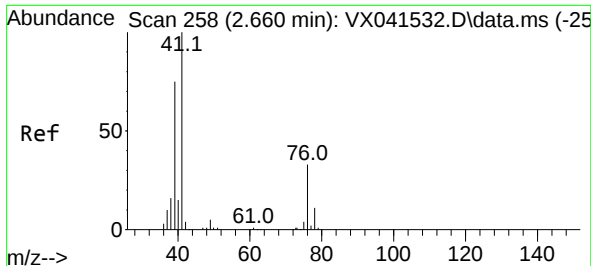


#16
Carbon Disulfide
Concen: 16.797 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



Tgt Ion: 76 Resp: 51544
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





#17

Allyl chloride

Concen: 19.122 ug/l

RT: 2.654 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

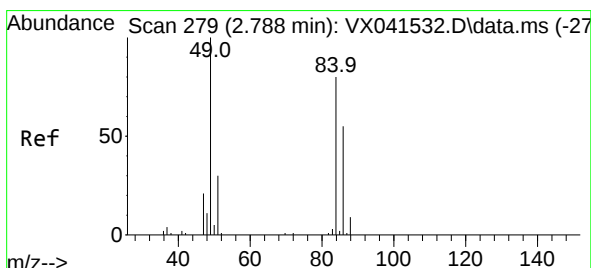
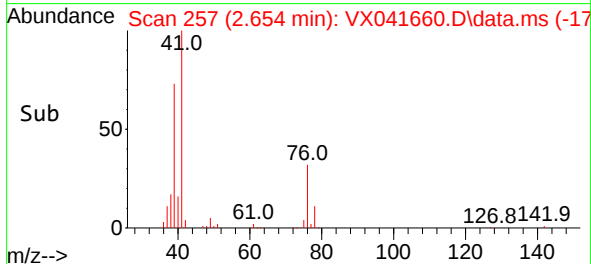
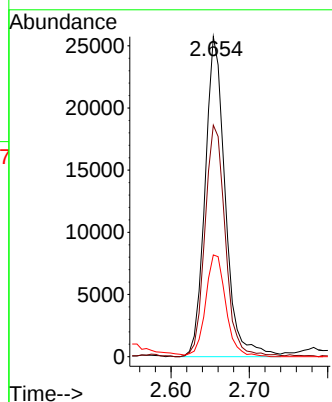
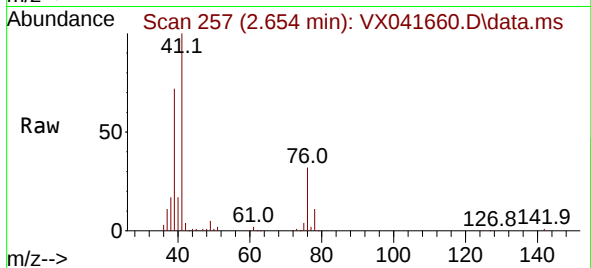
Tgt Ion: 41	Resp: 46120
Ion Ratio	Lower Upper
41 100	
39 72.4	37.5 112.7
76 31.8	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#18

Methylene Chloride

Concen: 20.874 ug/l

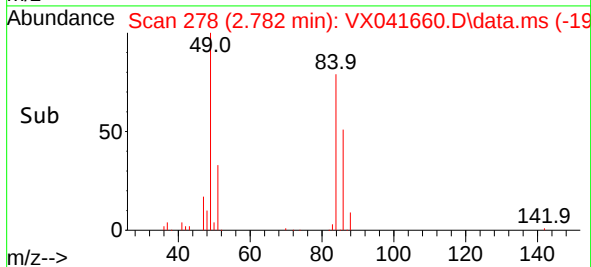
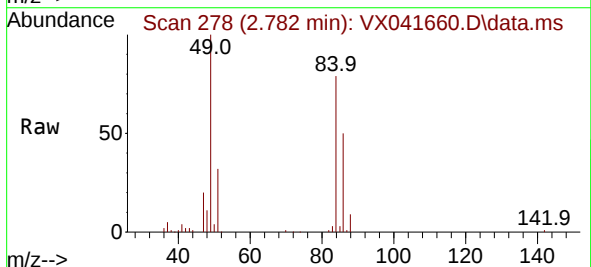
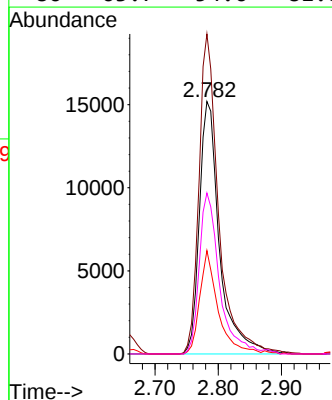
RT: 2.782 min Scan# 278

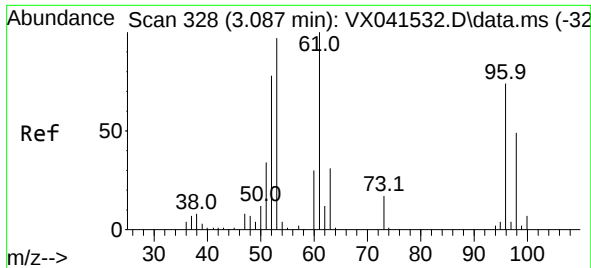
Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Tgt Ion: 84	Resp: 33741
Ion Ratio	Lower Upper
84 100	
49 126.7	99.8 149.8
51 40.9	30.2 45.4
86 63.7	54.6 81.8





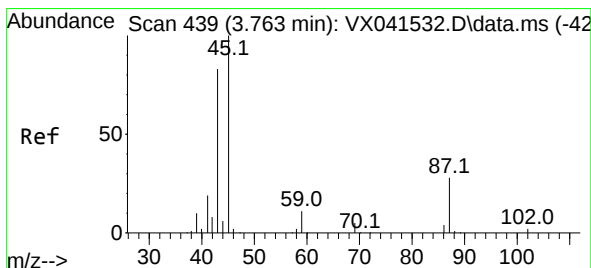
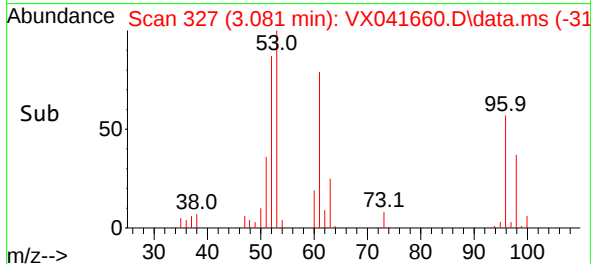
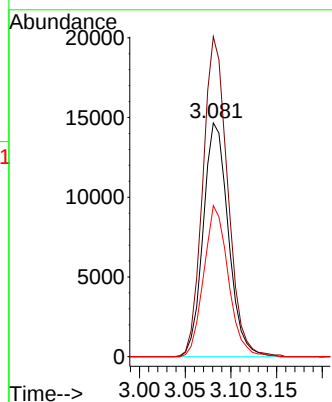
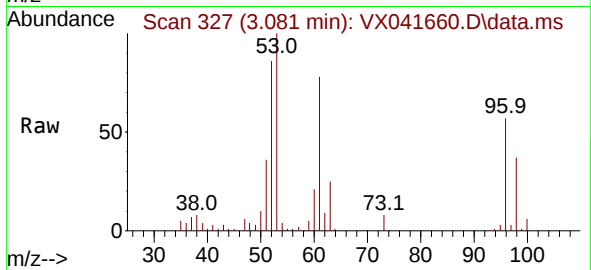
#19
trans-1,2-Dichloroethene
Concen: 17.994 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 2804
Ion Ratio Lower Upper
96 100
61 136.4 107.7 161.5
98 64.7 53.1 79.7

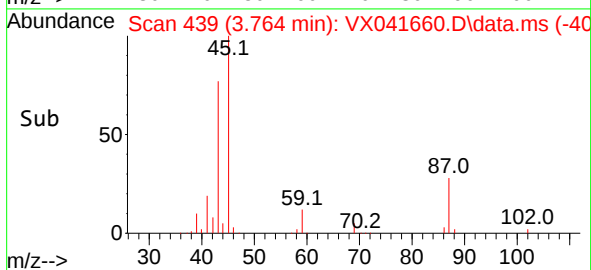
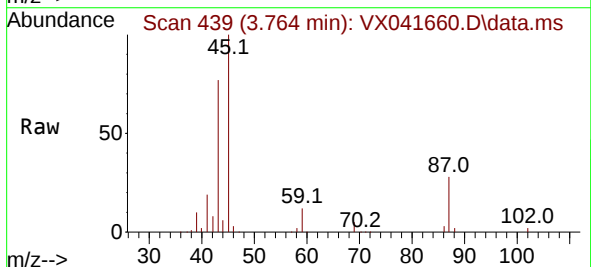
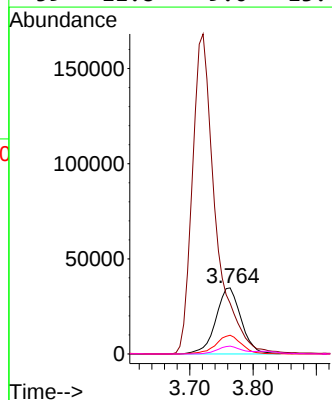
Manual Integrations
APPROVED

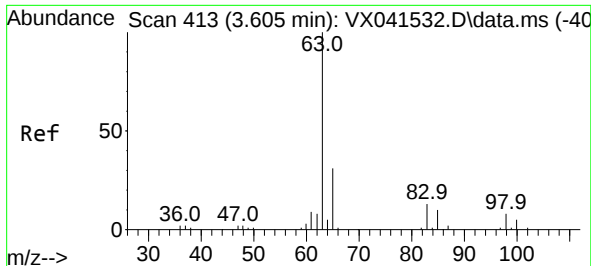
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#20
Diisopropyl ether
Concen: 18.975 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 45 Resp: 96157
Ion Ratio Lower Upper
45 100
43 73.8 66.7 100.1
87 28.3 22.4 33.6
59 11.8 9.0 13.4





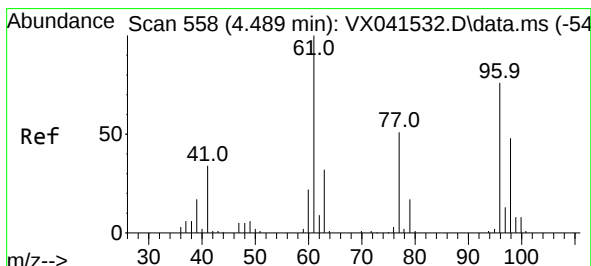
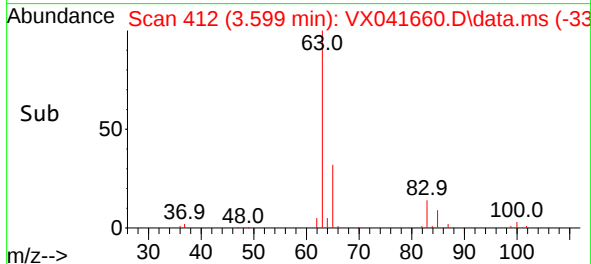
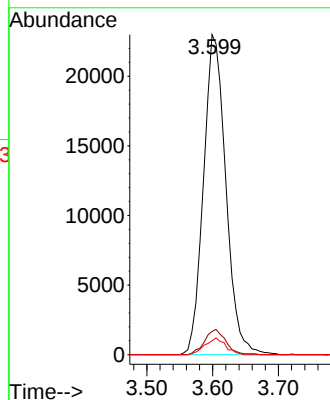
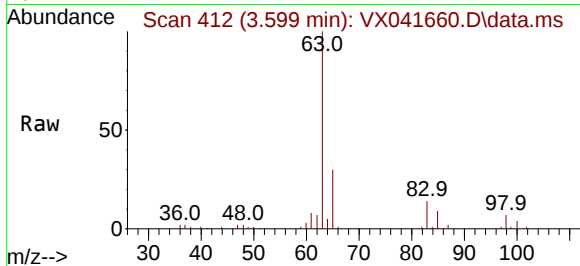
#21
1,1-Dichloroethane
Concen: 19.112 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5435
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.4
100 4.4 2.5 7.4

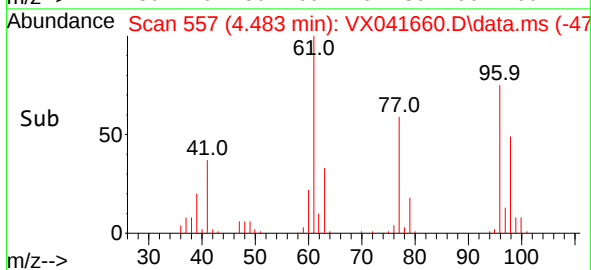
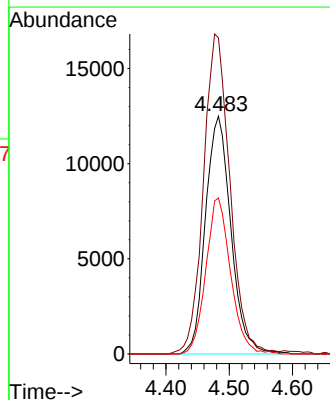
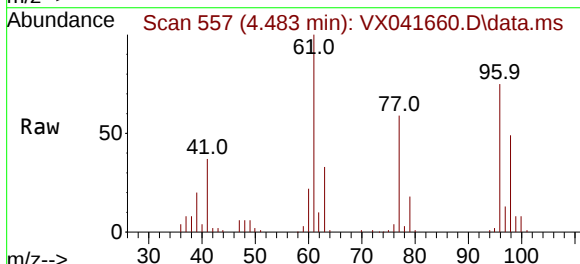
Manual Integrations
APPROVED

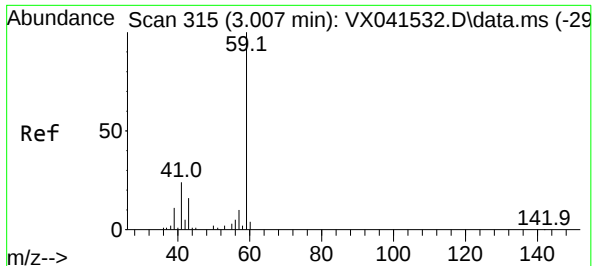
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#22
cis-1,2-Dichloroethene
Concen: 18.431 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

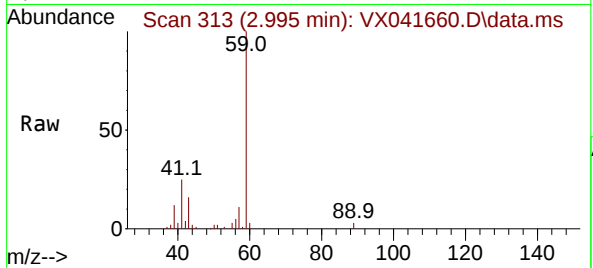
Tgt Ion: 96 Resp: 34904
Ion Ratio Lower Upper
96 100
61 140.3 114.2 171.4
98 63.9 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 98.675 ug/l m
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

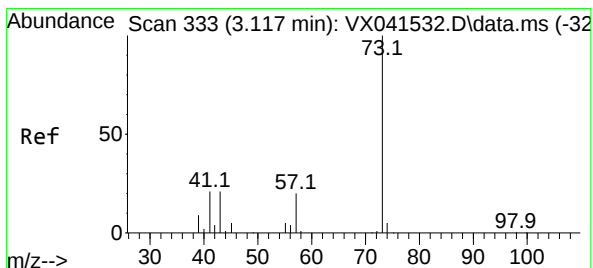
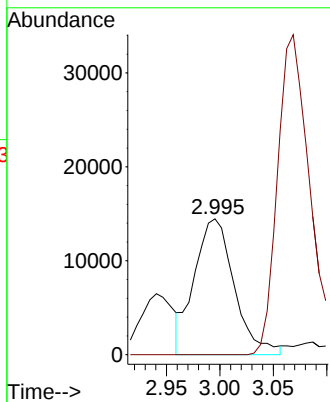
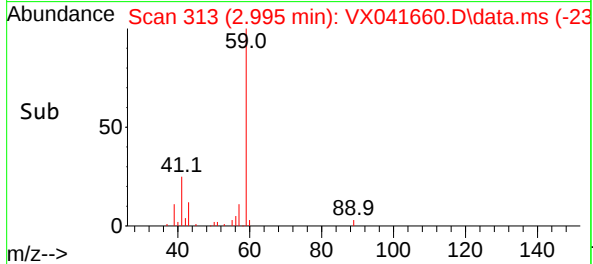
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 37684
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

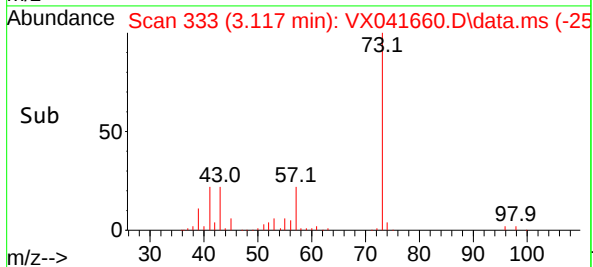
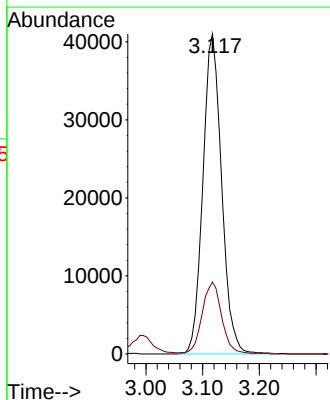
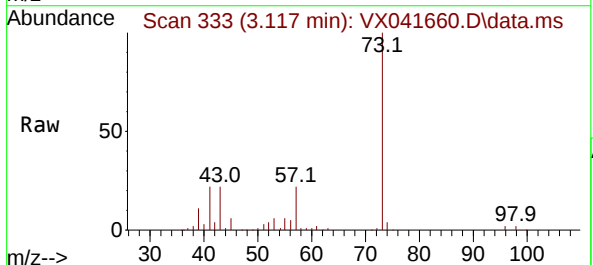
Manual Integrations
APPROVED

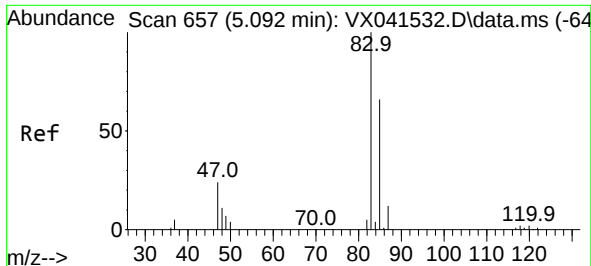
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#24
Methyl tert-Butyl Ether
Concen: 18.557 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 73 Resp: 94159
Ion Ratio Lower Upper
73 100
43 23.6 17.2 25.8





#25

Chloroform

Concen: 19.059 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 5774

Ion Ratio Lower Upper

83 100

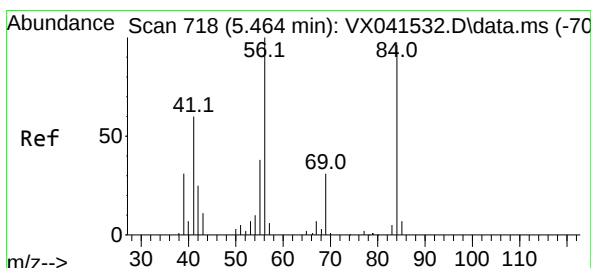
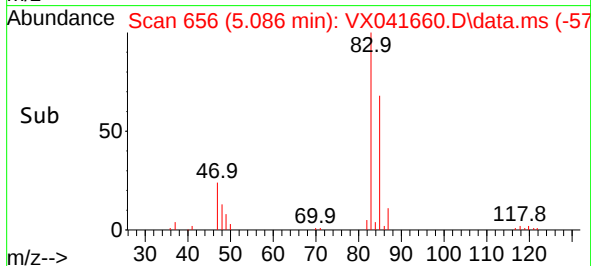
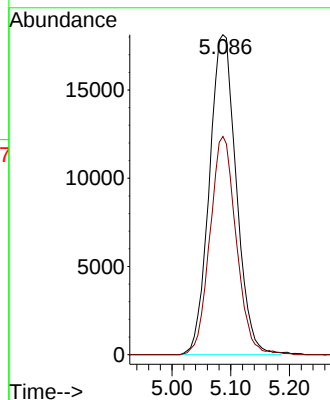
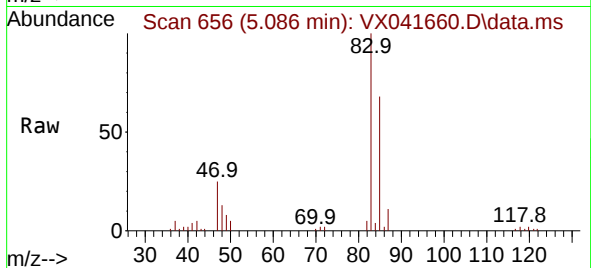
85 68.2 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#26

Cyclohexane

Concen: 18.059 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.012 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

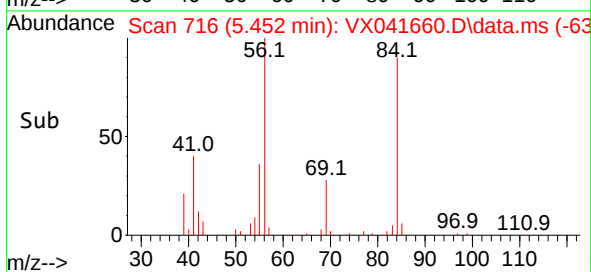
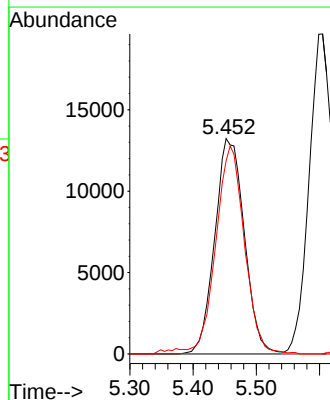
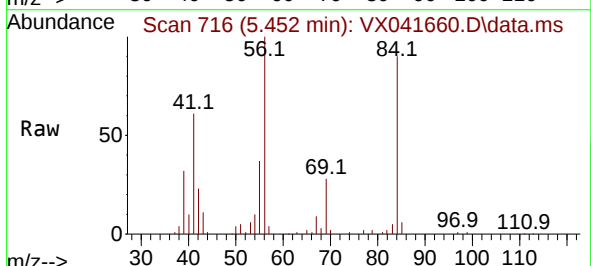
Tgt Ion: 56 Resp: 42831

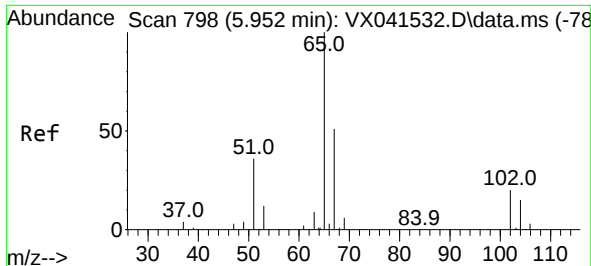
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.8 74.0 111.0





#27
1,2-Dichloroethane-d4
Concen: 32.678 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

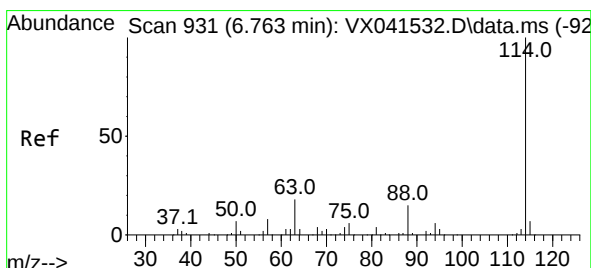
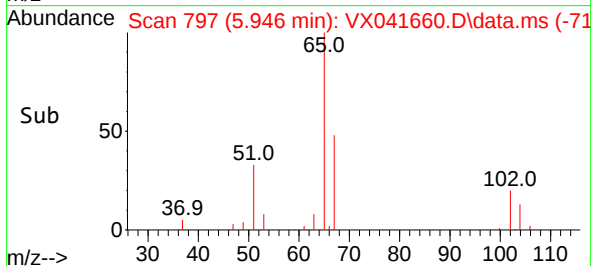
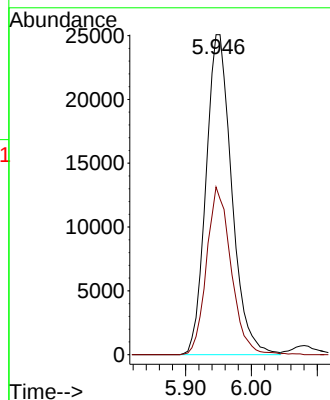
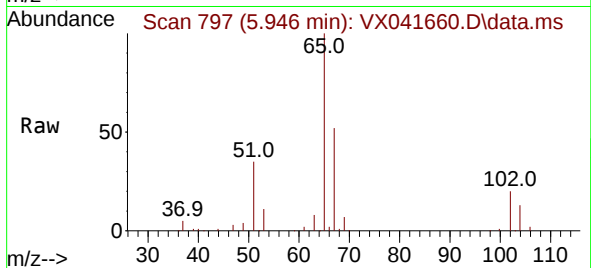
VSTDCCC020EC

Tgt Ion: 65 Resp: 68360
Ion Ratio Lower Upper
65 100
67 49.9 40.8 61.2

Manual Integrations

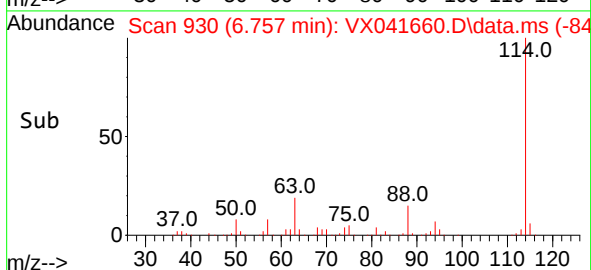
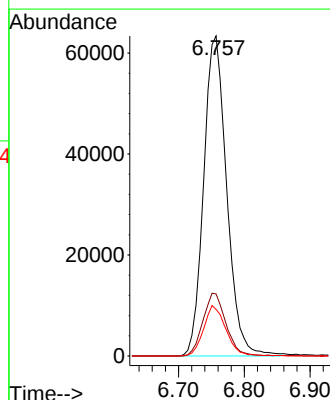
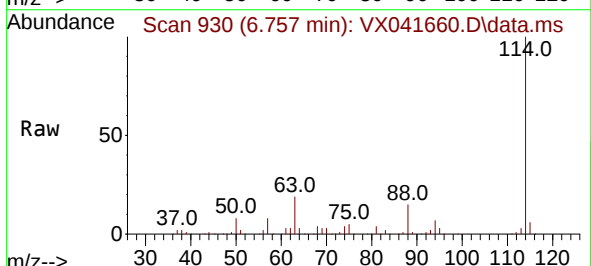
APPROVED

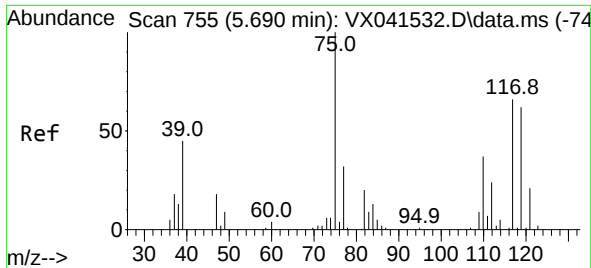
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion:114 Resp: 154535
Ion Ratio Lower Upper
114 100
63 19.5 15.4 23.0
88 15.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 17.374 ug/l
RT: 5.684 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

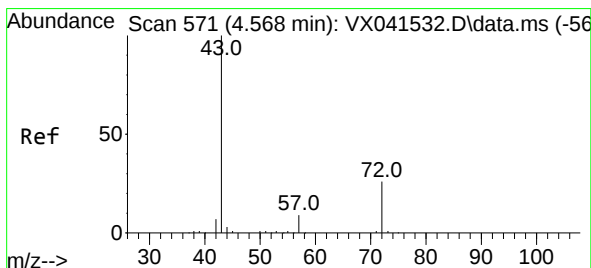
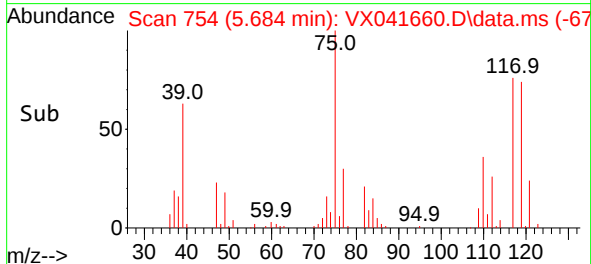
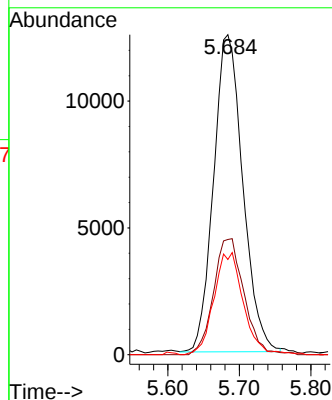
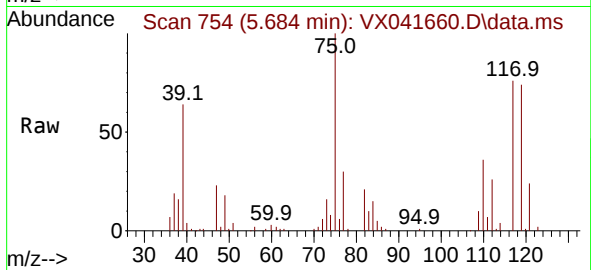
VSTDCCC020EC

Tgt Ion: 75 Resp: 3551
Ion Ratio Lower Upper
75 100
110 37.4 0.0 74.4
77 31.9 0.0 62.6

Manual Integrations

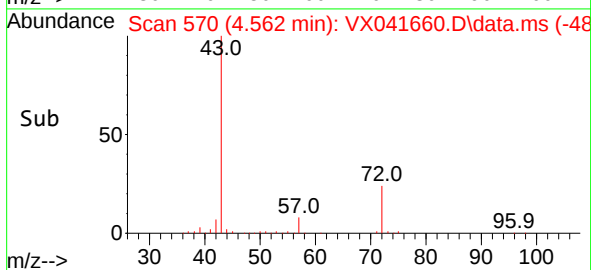
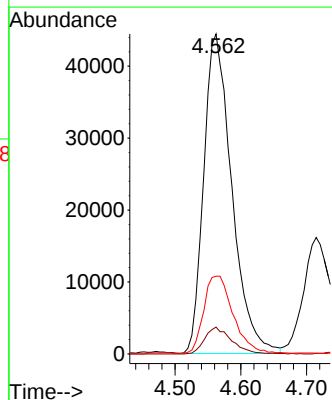
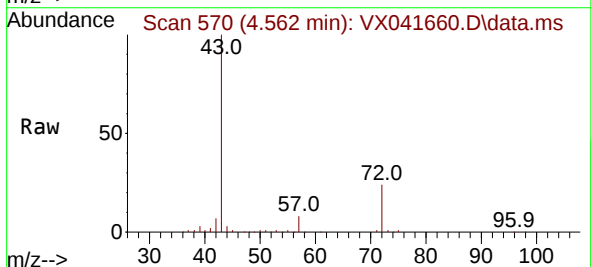
APPROVED

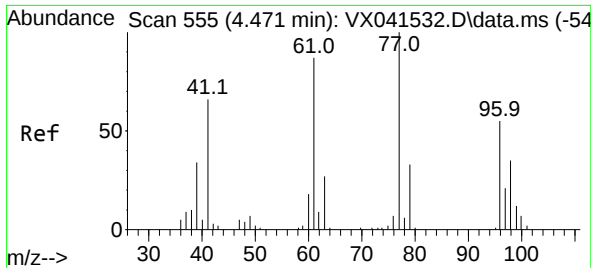
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#30
2-Butanone
Concen: 97.212 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 43 Resp: 131902
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.2 20.7 31.1





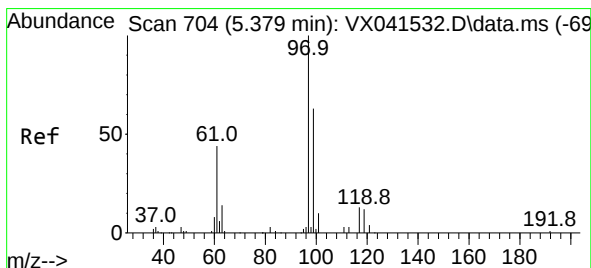
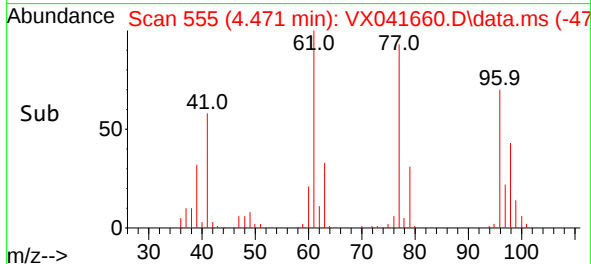
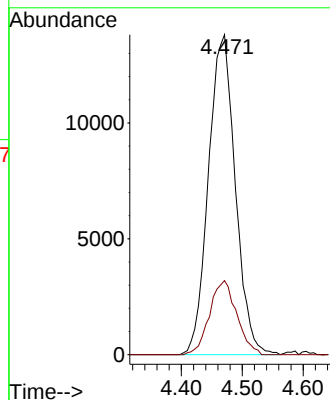
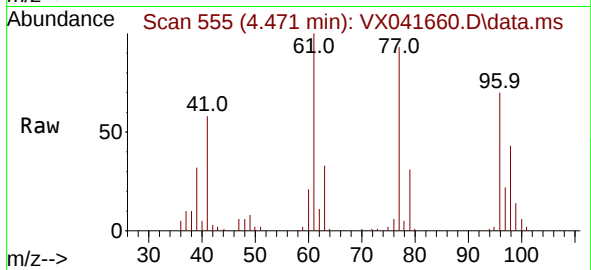
#31
2,2-Dichloropropane
Concen: 17.636 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 4231
Ion Ratio Lower Upper
77 100
97 23.4 18.0 27.0

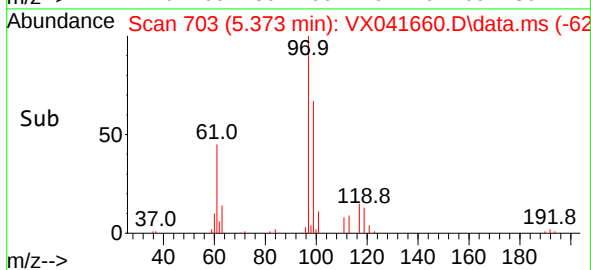
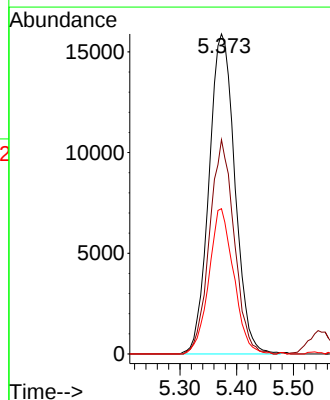
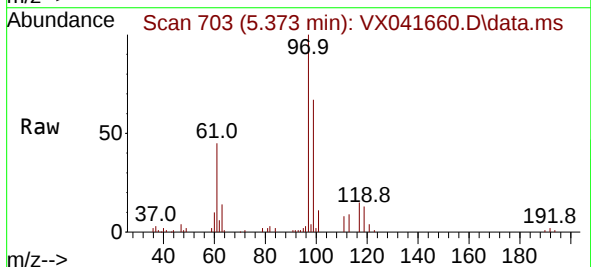
Manual Integrations
APPROVED

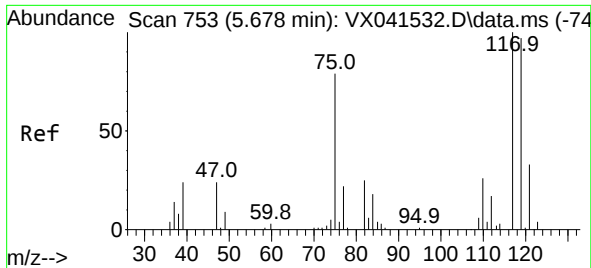
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#32
1,1,1-Trichloroethane
Concen: 18.401 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

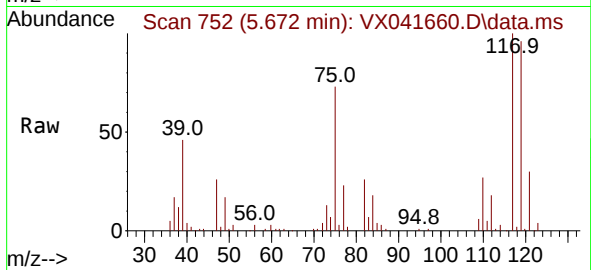
Tgt Ion: 97 Resp: 50473
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.339 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

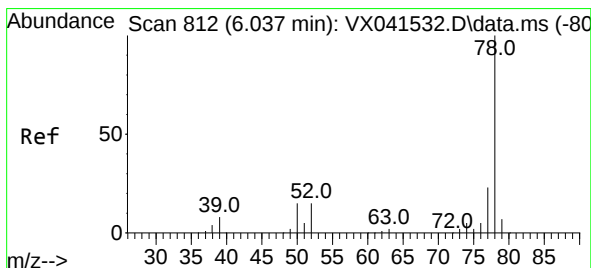
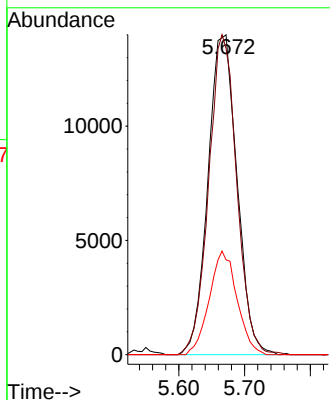
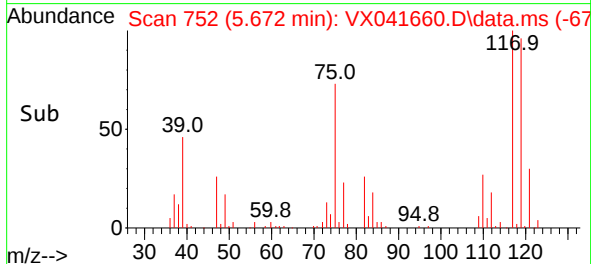
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 43039
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.2
121 29.7 26.4 39.6

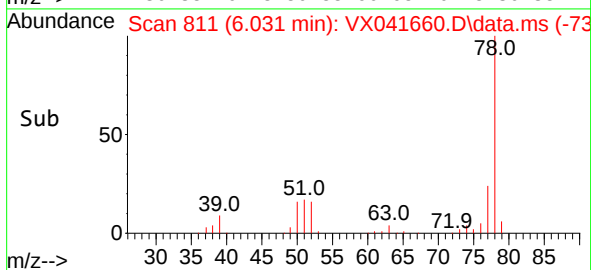
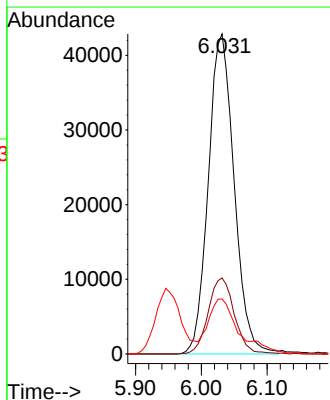
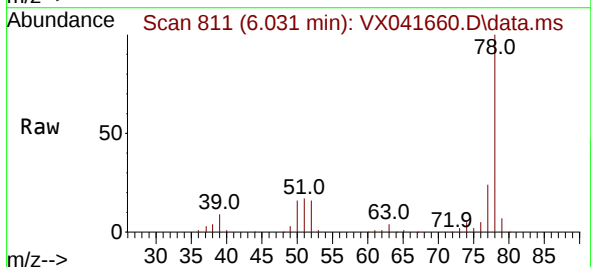
Manual Integrations
APPROVED

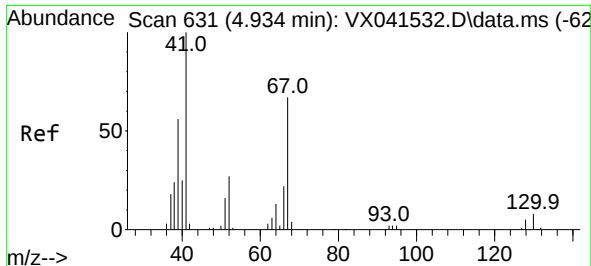
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#34
Benzene
Concen: 18.142 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 78 Resp: 117121
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
51 16.2 12.4 18.6





#35
Methacrylonitrile
Concen: 19.766 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

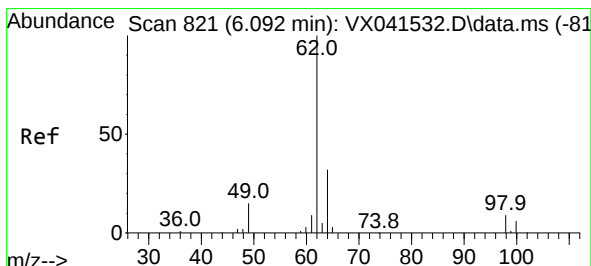
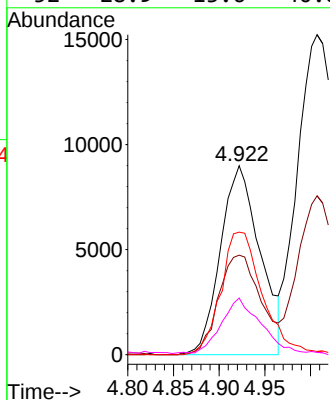
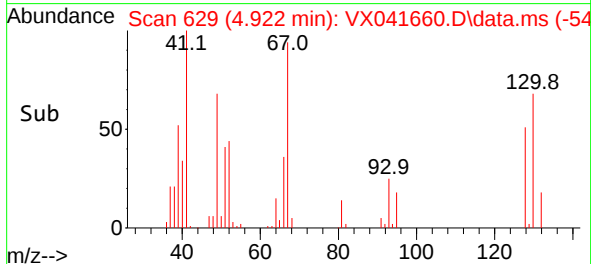
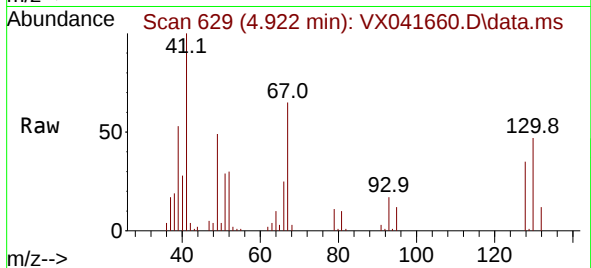
Tgt Ion: 41 Resp: 2705
Ion Ratio Lower Upper
41 100
39 52.6 28.1 84.4
67 64.8 33.7 101.1
52 28.9 13.6 40.8

Manual Integrations

APPROVED

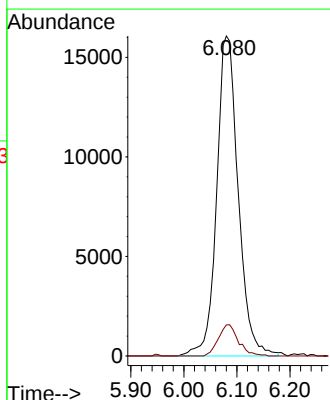
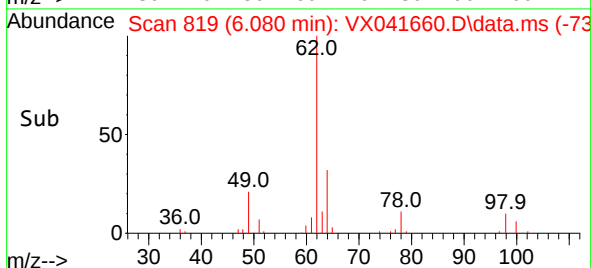
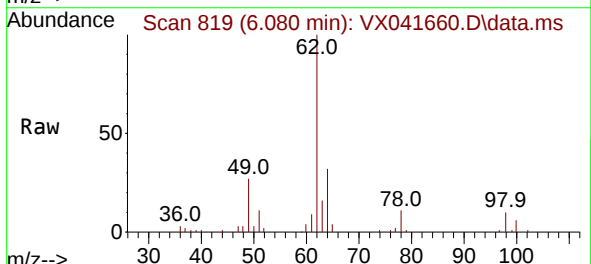
Reviewed By :John Carlone 05/29/2024

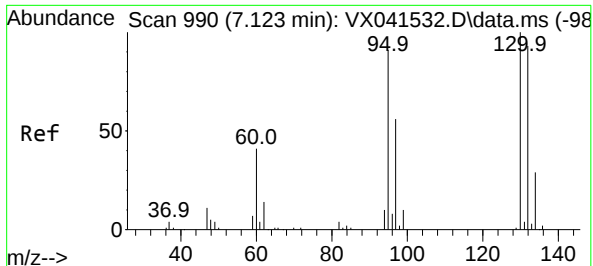
Supervised By :Mahesh Dadoda 05/29/2024



#36
1,2-Dichloroethane
Concen: 18.820 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

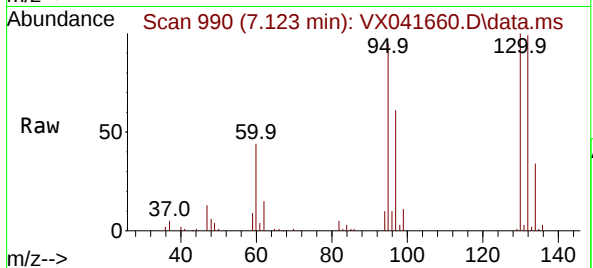
Tgt Ion: 62 Resp: 45341
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37
Trichloroethene
Concen: 17.485 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

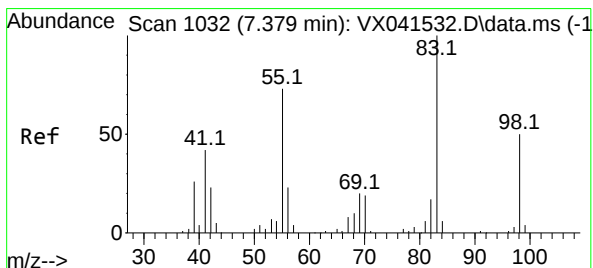
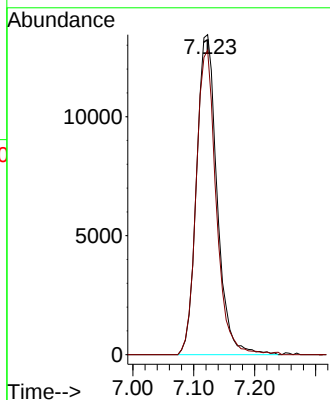
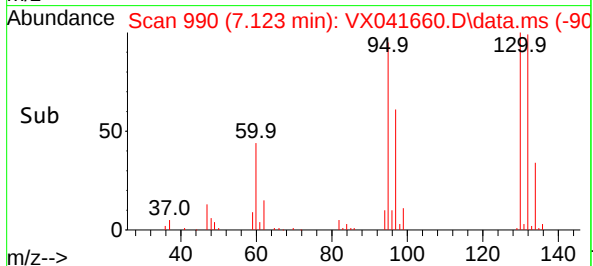
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



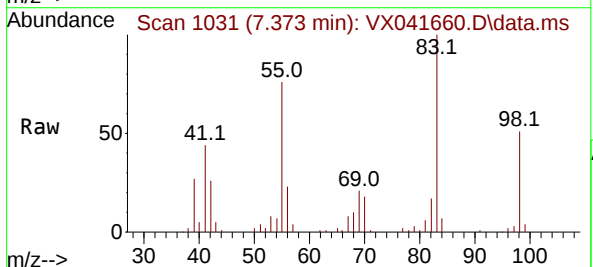
Tgt Ion:130 Resp: 3145
Ion Ratio Lower Upper
130 100
95 95.1 72.6 108.8

Manual Integrations
APPROVED

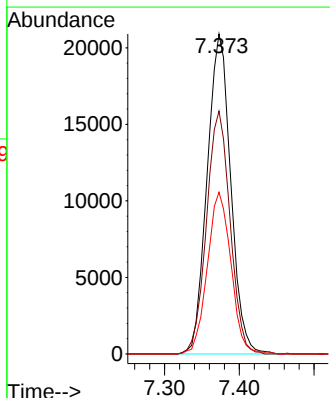
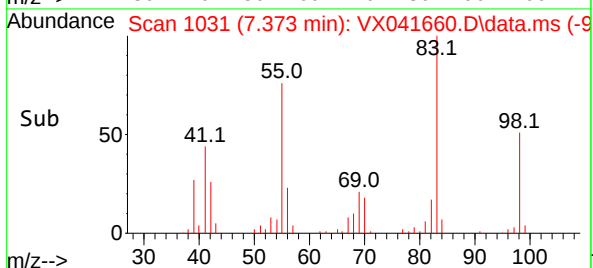
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

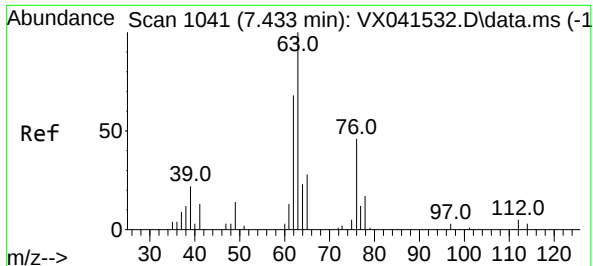


#38
Methylcyclohexane
Concen: 17.680 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



Tgt Ion: 83 Resp: 45890
Ion Ratio Lower Upper
83 100
55 75.7 37.7 113.1
98 50.5 25.1 75.3





#39

1,2-Dichloropropane

Concen: 17.771 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2712

Ion Ratio Lower Upper

63 100

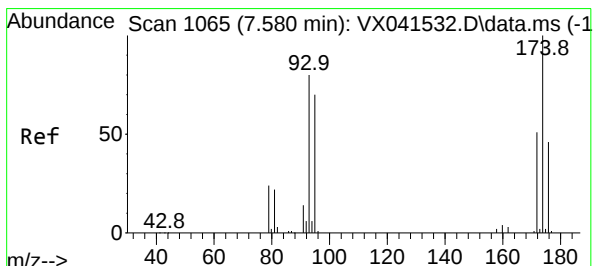
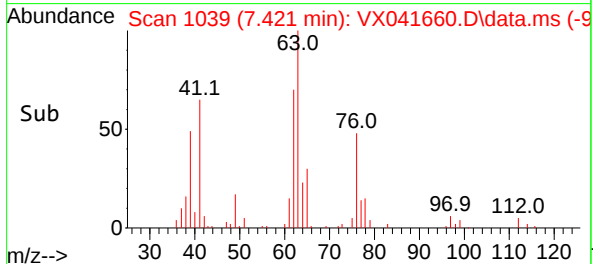
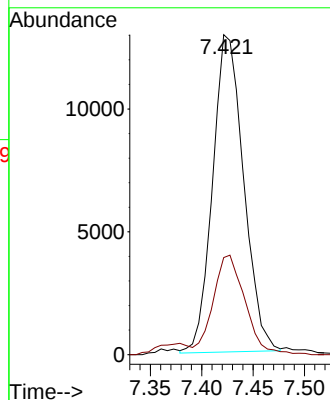
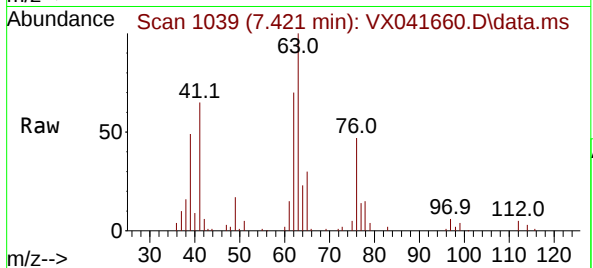
65 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#40

Dibromomethane

Concen: 18.477 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

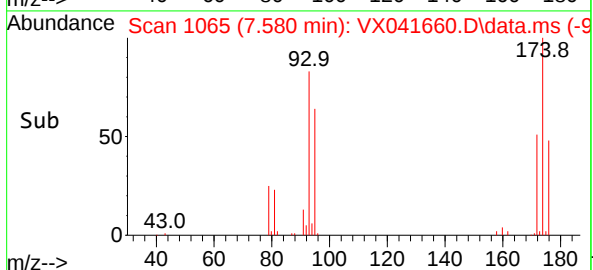
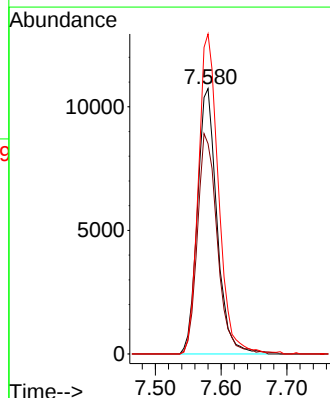
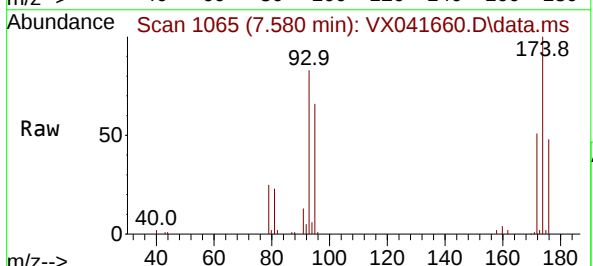
Tgt Ion: 93 Resp: 22192

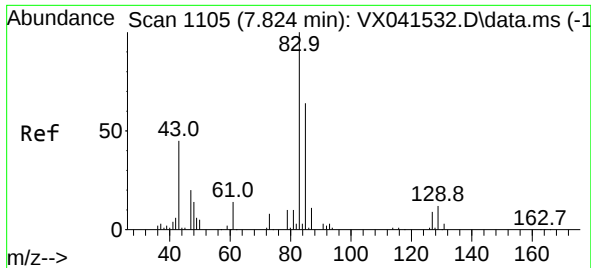
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.6

174 123.4 0.0 249.8





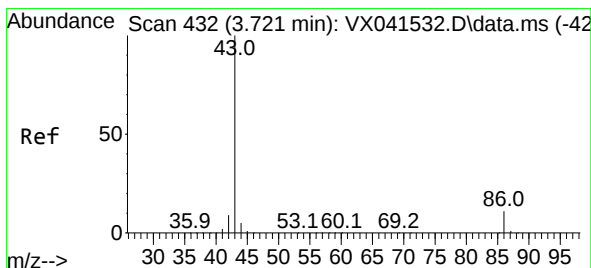
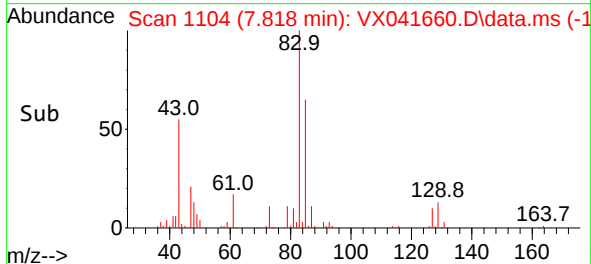
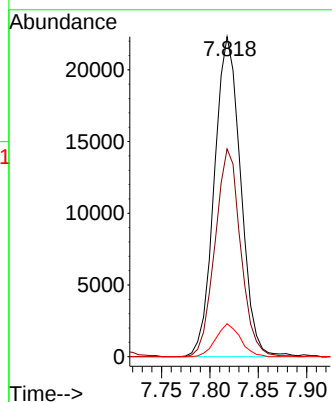
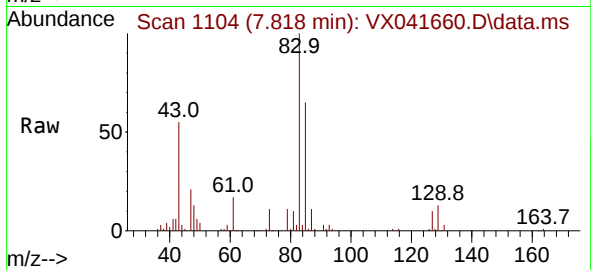
#41
Bromodichloromethane
Concen: 18.689 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4214
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.4
127 10.3 7.1 10.7

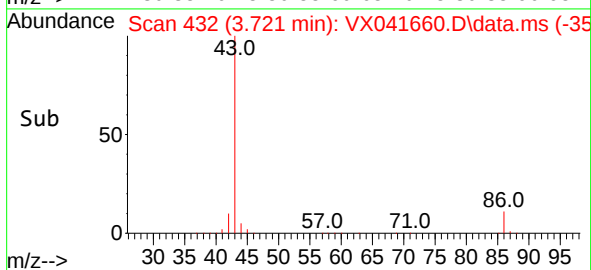
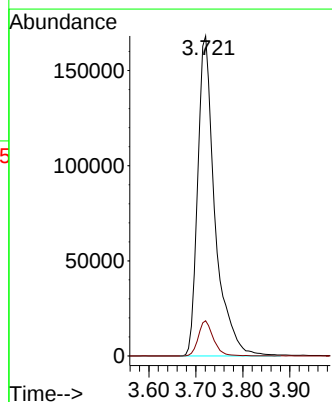
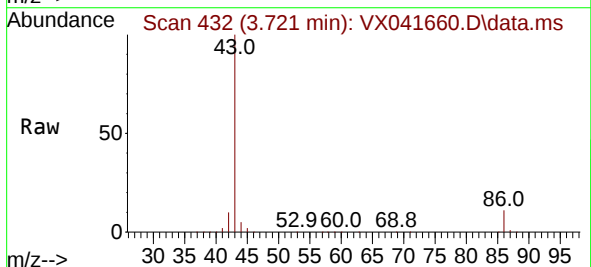
Manual Integrations
APPROVED

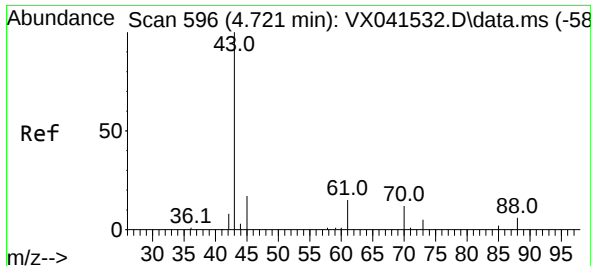
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#42
Vinyl Acetate
Concen: 91.367 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 43 Resp: 430127
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





#43

Ethyl Acetate

Concen: 17.240 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

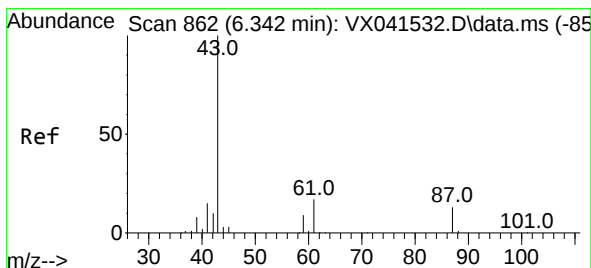
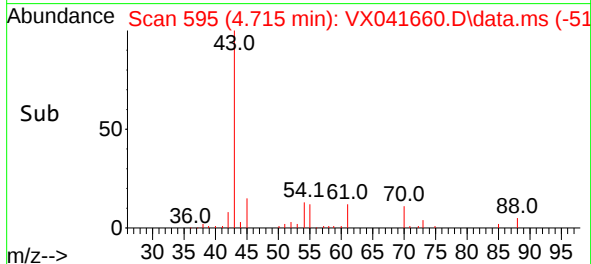
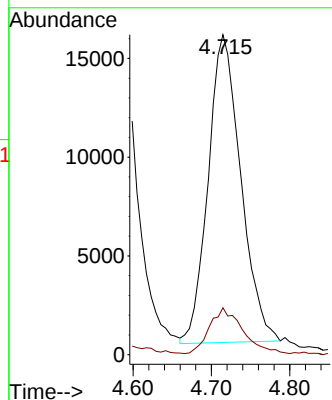
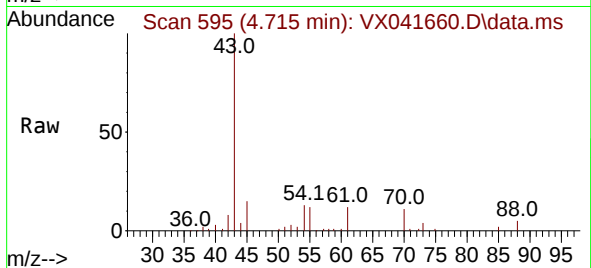
Tgt Ion: 43 Resp: 4513
 Ion Ratio Lower Upper
 43 100
 45 16.0 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#44

Isopropyl Acetate

Concen: 18.563 ug/l

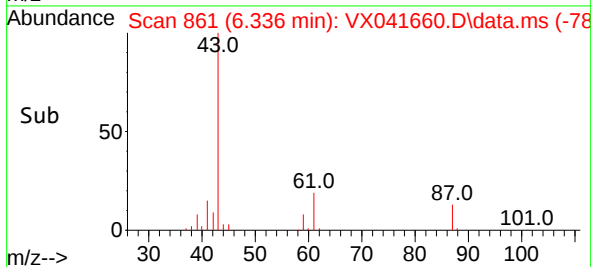
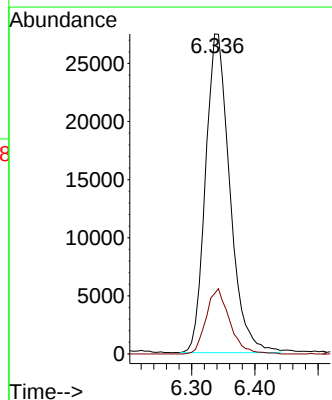
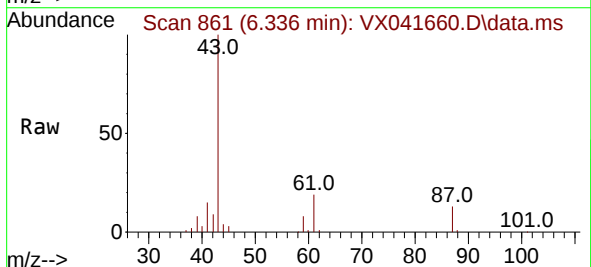
RT: 6.336 min Scan# 861

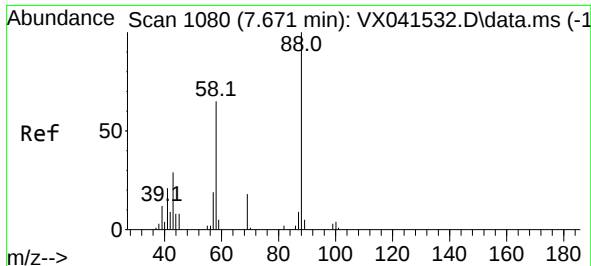
Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

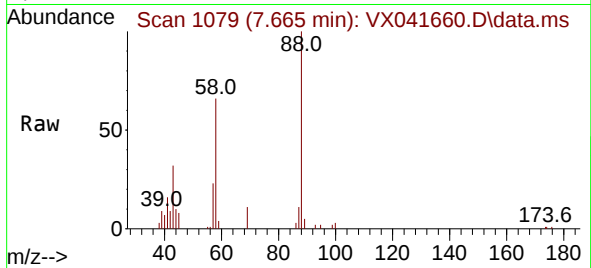
Tgt Ion: 43 Resp: 73462
 Ion Ratio Lower Upper
 43 100
 61 19.7 15.3 22.9





#45
1,4-Dioxane
Concen: 359.365 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

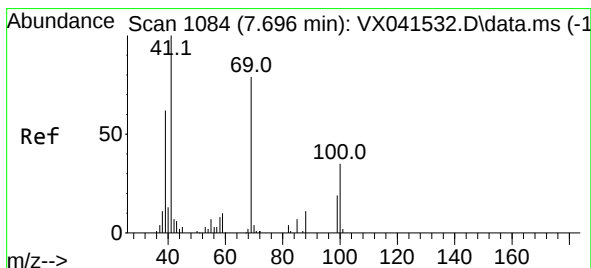
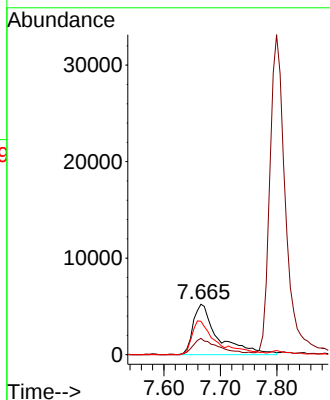
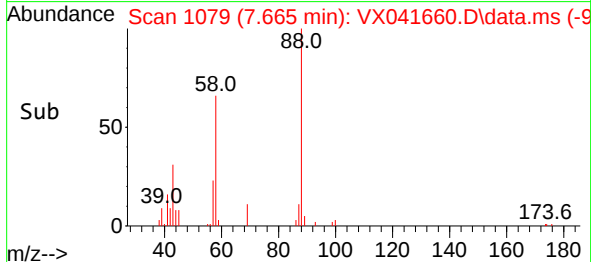
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 16039
Ion Ratio Lower Upper
88 100
43 30.8 24.9 37.3
58 52.7 47.0 70.4

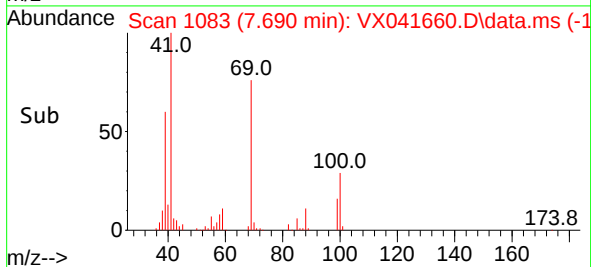
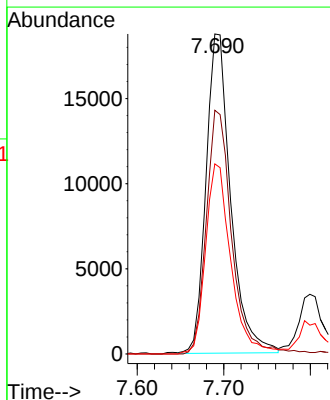
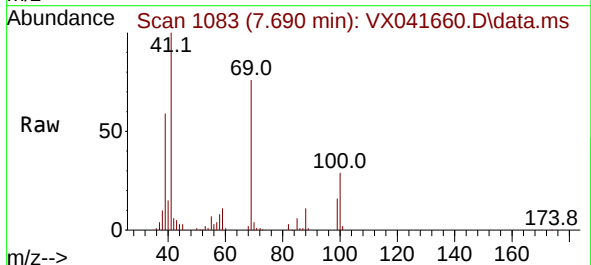
Manual Integrations
APPROVED

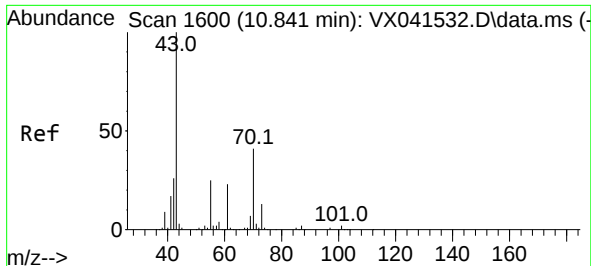
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#46
Methyl methacrylate
Concen: 18.829 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 41 Resp: 37075
Ion Ratio Lower Upper
41 100
69 76.5 39.6 119.0
39 59.6 30.9 92.8





#47

n-amy1 Acetate

Concen: 18.198 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041660.D

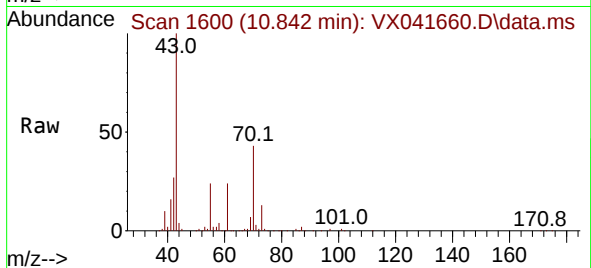
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 43 Resp: 65310

Ion Ratio Lower Upper

43 100

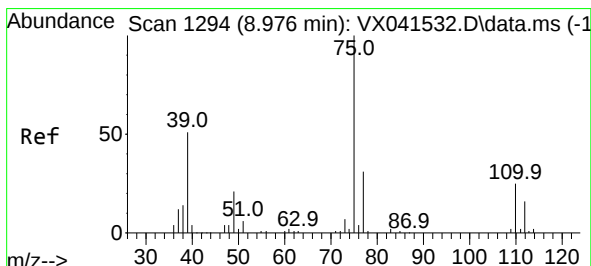
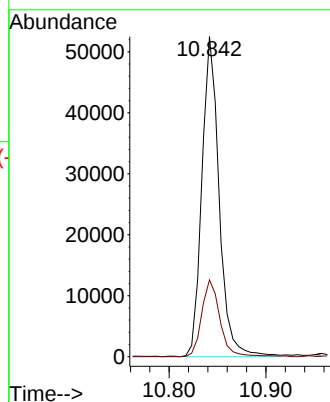
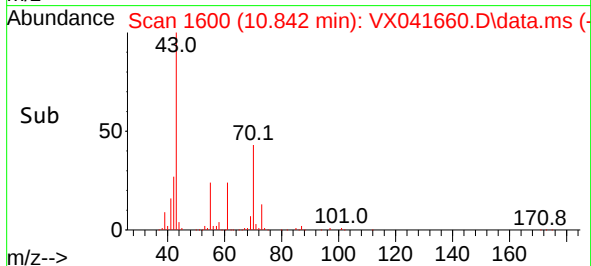
55 25.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#48

t-1,3-Dichloropropene

Concen: 18.005 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041660.D

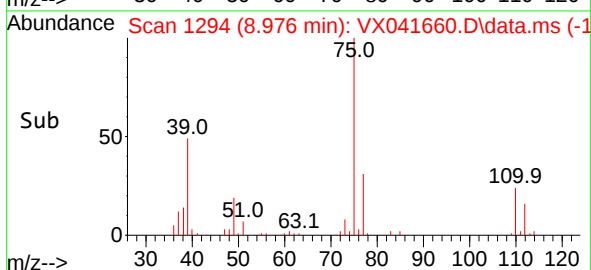
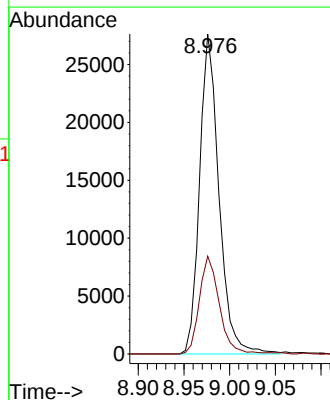
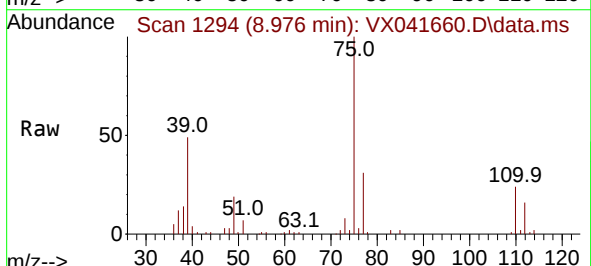
Acq: 28 May 2024 16:42

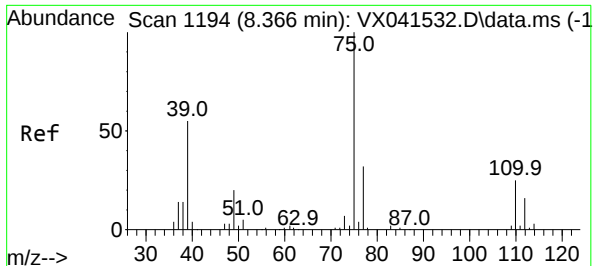
Tgt Ion: 75 Resp: 40773

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 17.888 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 43874

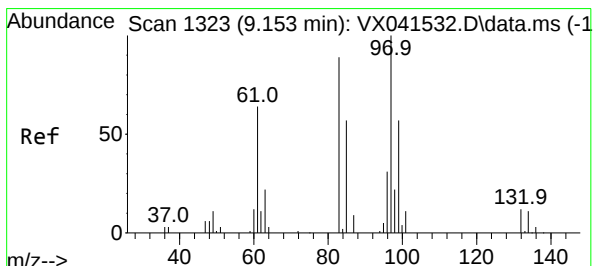
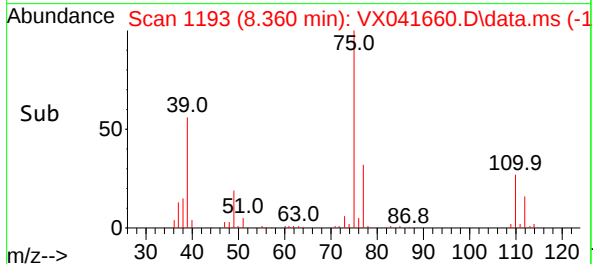
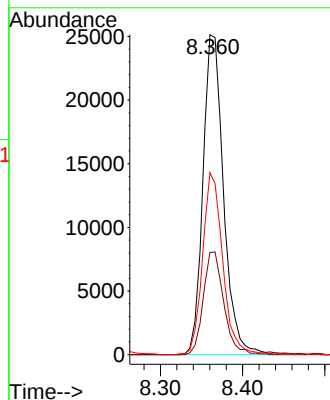
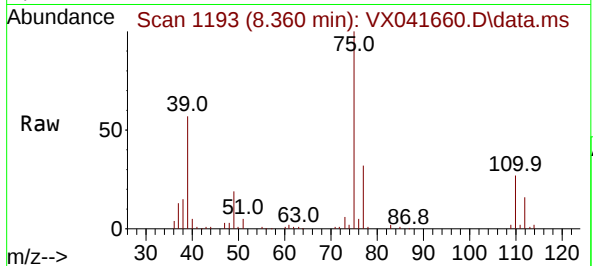
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	56.6	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#50

1,1,2-Trichloroethane

Concen: 18.894 ug/l

RT: 9.153 min Scan# 1323

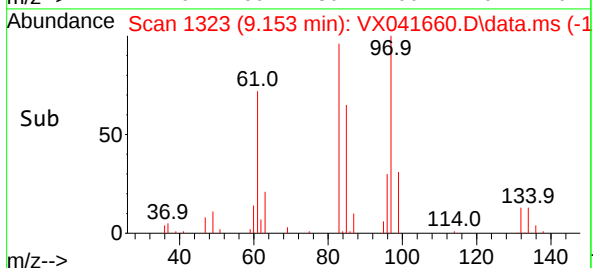
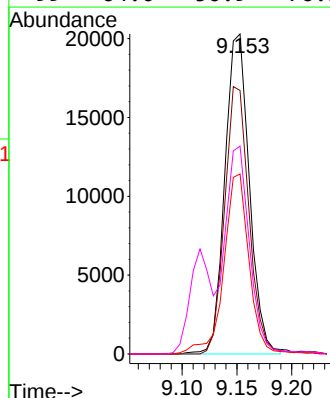
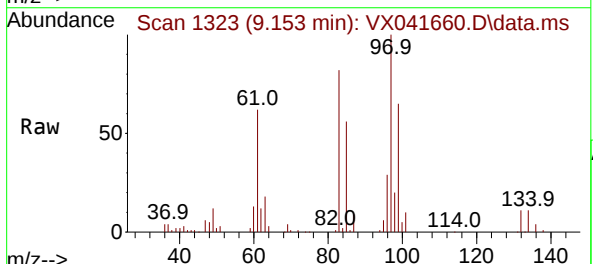
Delta R.T. 0.000 min

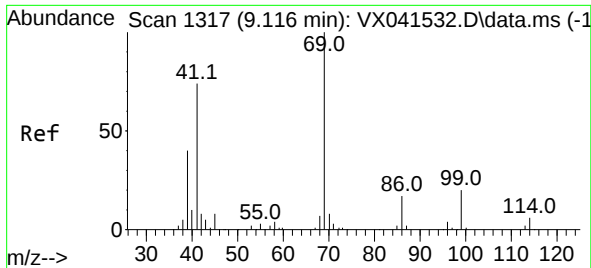
Lab File: VX041660.D

Acq: 28 May 2024 16:42

Tgt Ion: 97 Resp: 31569

Ion	Ratio	Lower	Upper
97	100		
83	82.3	71.3	106.9
85	55.8	45.7	68.5
99	64.0	50.9	76.3





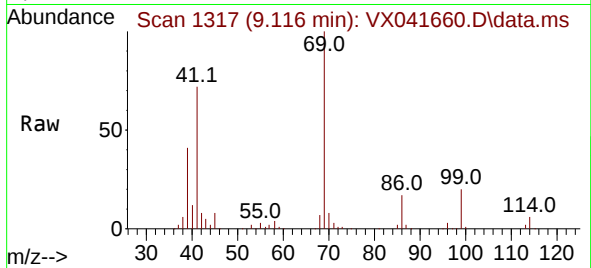
#51
Ethyl methacrylate
Concen: 17.569 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



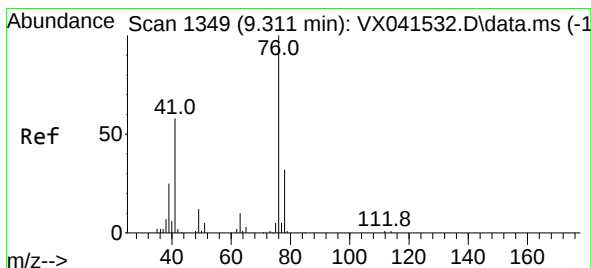
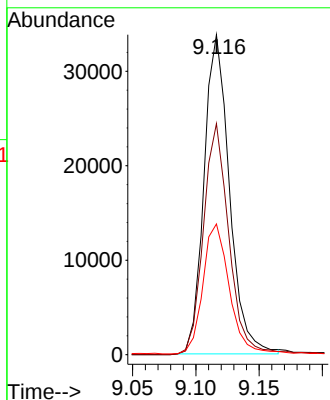
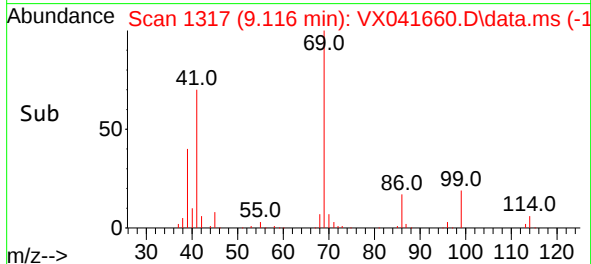
Tgt Ion: 69 Resp: 47249
Ion Ratio Lower Upper
69 100
41 72.1 37.1 111.3
39 40.6 20.2 60.6

Manual Integrations

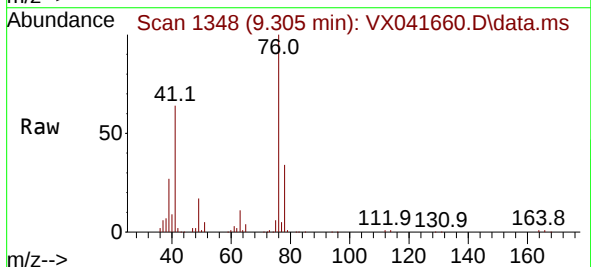
APPROVED

Reviewed By :John Carlone 05/29/2024

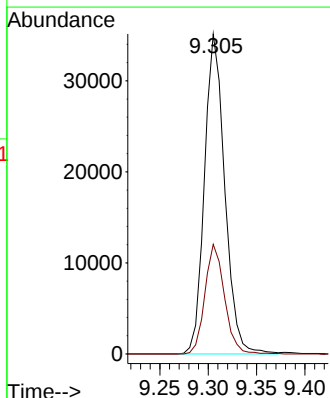
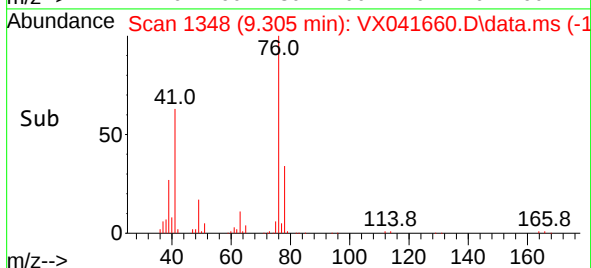
Supervised By :Mahesh Dadoda 05/29/2024

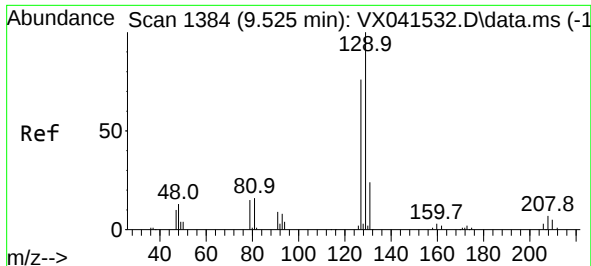


#52
1,3-Dichloropropane
Concen: 18.647 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



Tgt Ion: 76 Resp: 51484
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53

Dibromochloromethane

Concen: 18.821 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 3578

Ion Ratio Lower Upper

129 100

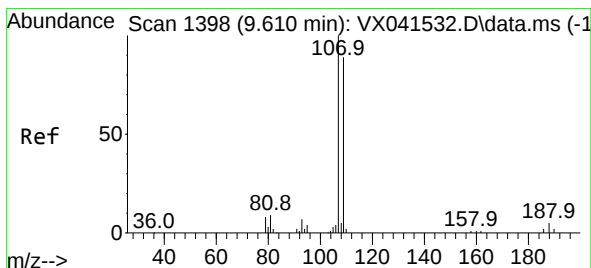
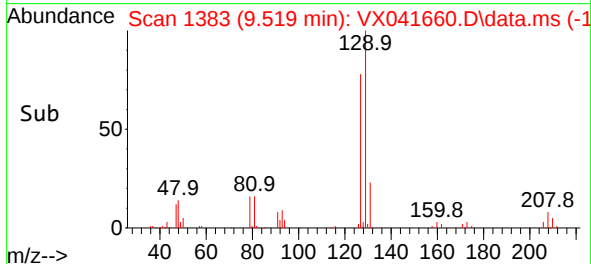
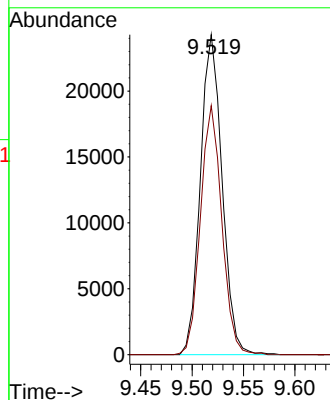
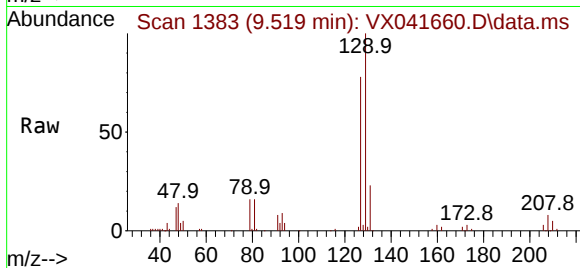
127 76.4 38.9 116.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#54

1,2-Dibromoethane

Concen: 19.070 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041660.D

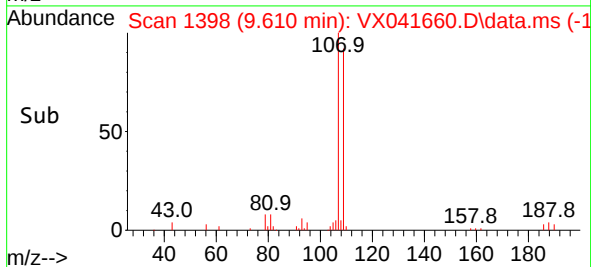
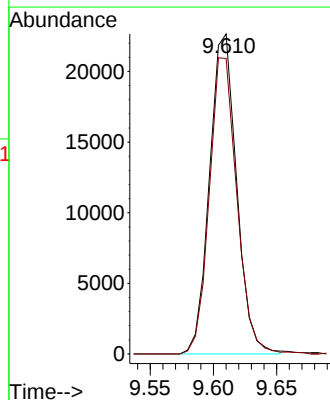
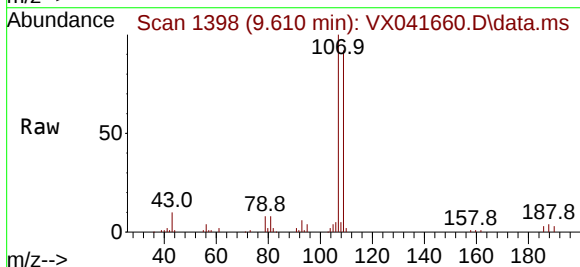
Acq: 28 May 2024 16:42

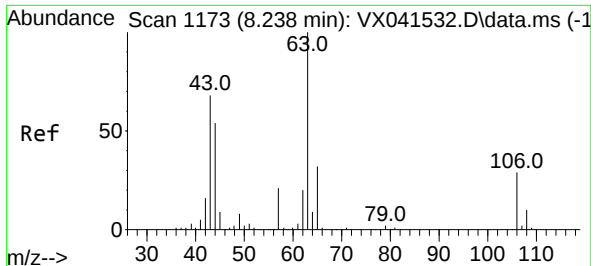
Tgt Ion:107 Resp: 33789

Ion Ratio Lower Upper

107 100

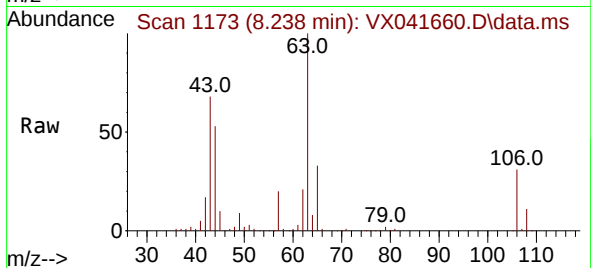
109 94.0 75.3 112.9





#55
2-Chloroethyl vinyl ether
Concen: 102.589 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

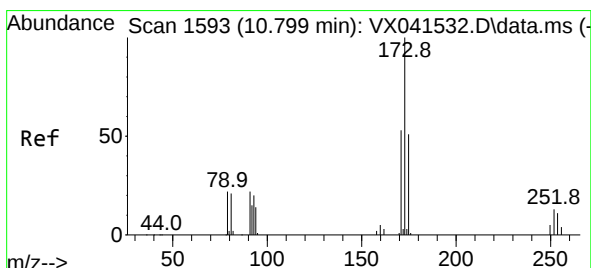
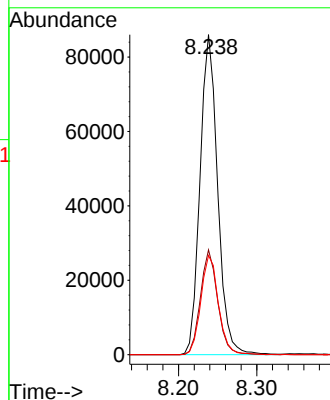
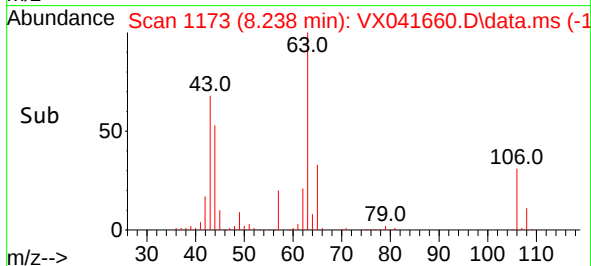
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 13467
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 31.0 24.7 37.1

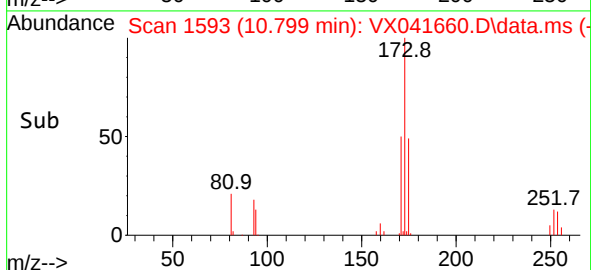
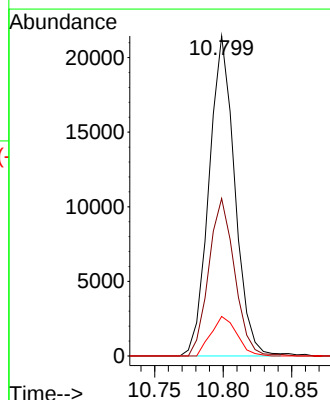
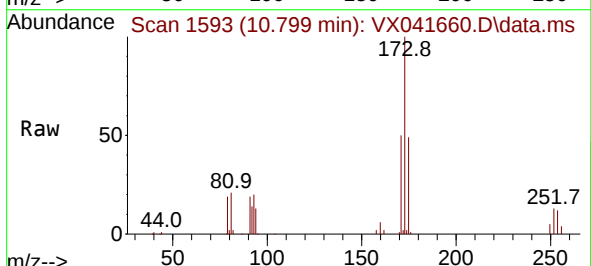
Manual Integrations
APPROVED

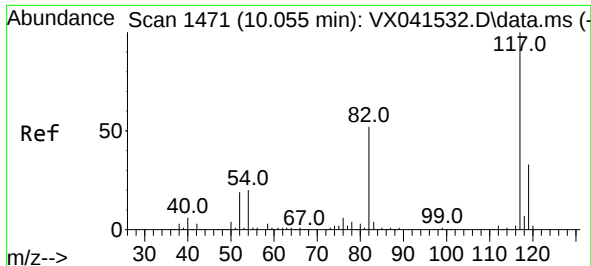
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#56
Bromoform
Concen: 18.391 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion:173 Resp: 28012
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 12.4 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:117 Resp: 14658

Ion Ratio Lower Upper

117 100

82 52.8 41.7 62.5

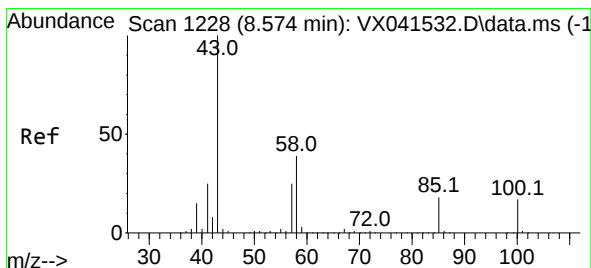
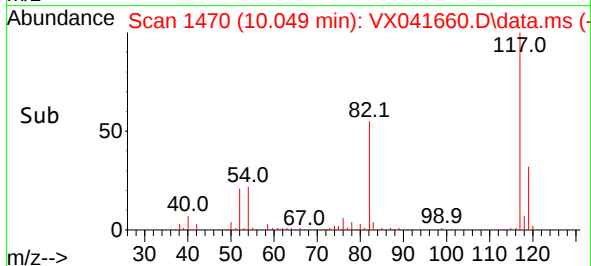
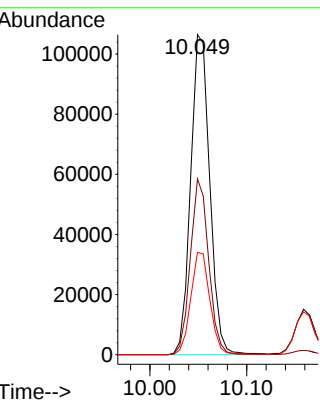
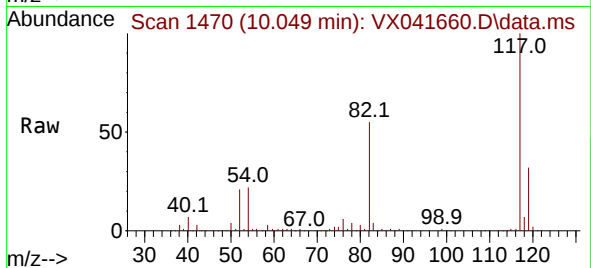
119 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#58

4-Methyl-2-Pentanone

Concen: 97.591 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

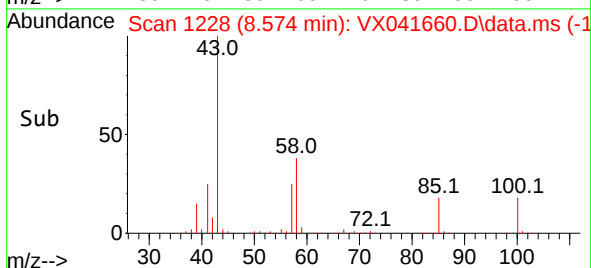
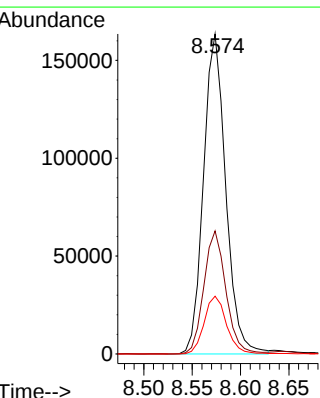
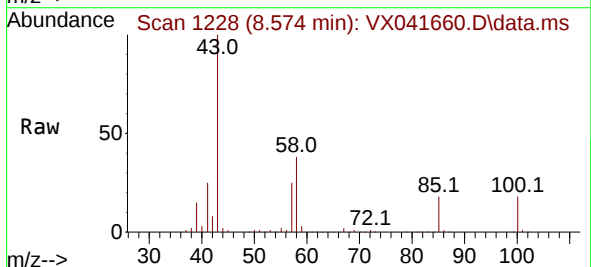
Tgt Ion: 43 Resp: 261376

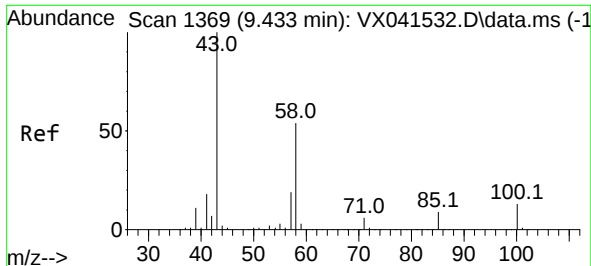
Ion Ratio Lower Upper

43 100

58 38.0 30.2 45.4

85 18.3 14.6 21.8





#59

2-Hexanone

Concen: 95.898 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 20461

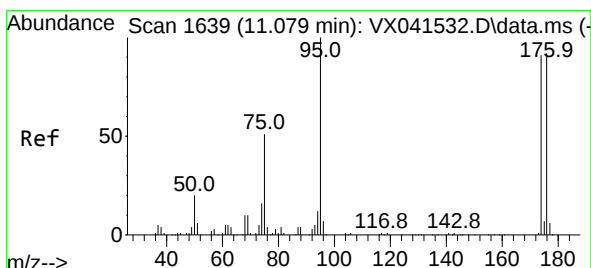
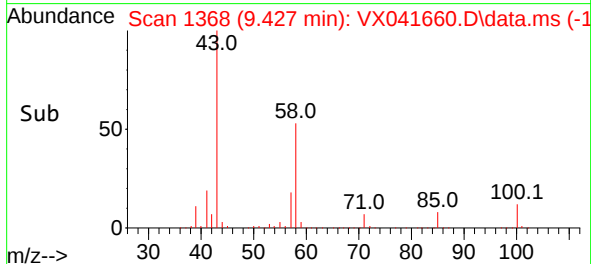
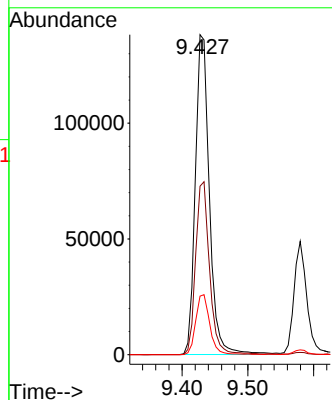
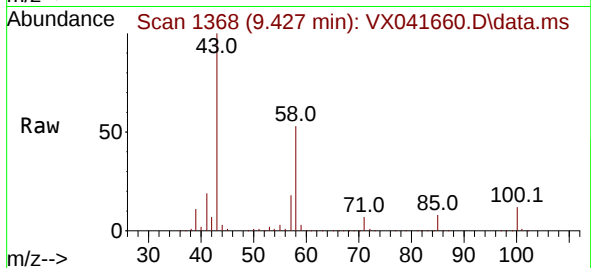
Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.3	63.5
57	18.7	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#60

4-Bromofluorobenzene

Concen: 30.645 ug/l

RT: 11.079 min Scan# 1639

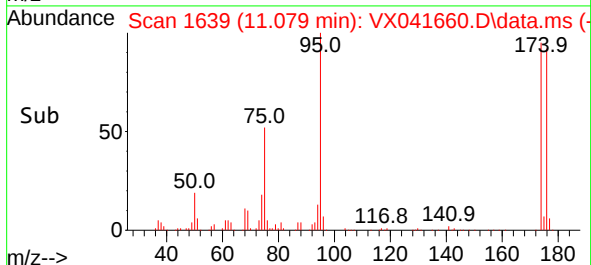
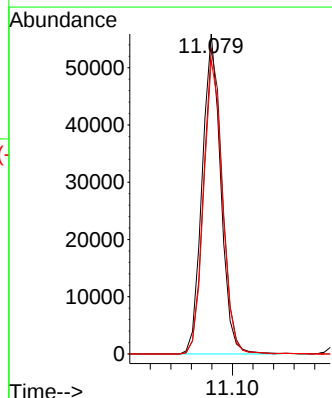
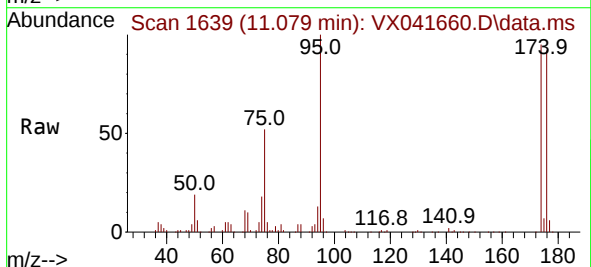
Delta R.T. 0.000 min

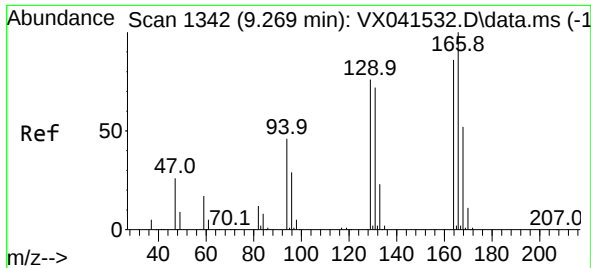
Lab File: VX041660.D

Acq: 28 May 2024 16:42

Tgt Ion: 95 Resp: 70124

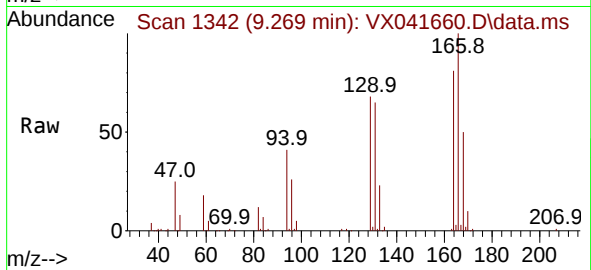
Ion	Ratio	Lower	Upper
95	100		
174	97.2	76.6	115.0
176	93.1	75.4	113.0





#61
Tetrachloroethene
Concen: 17.464 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

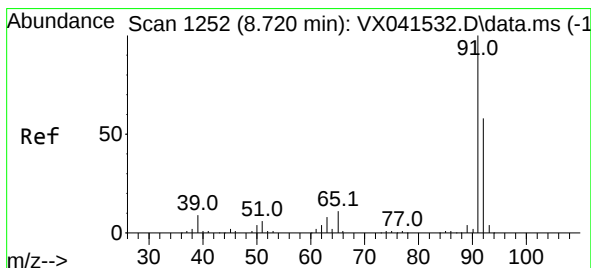
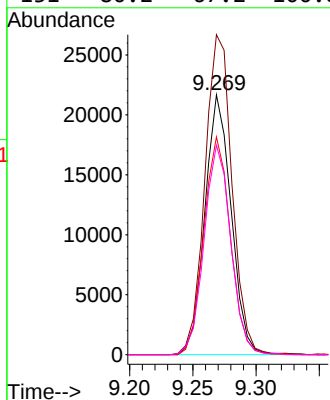
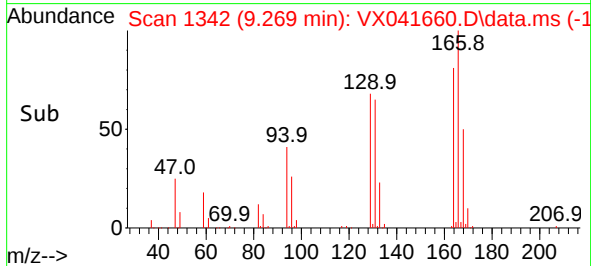
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



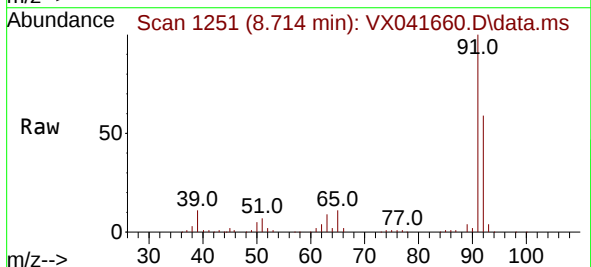
Tgt Ion:164 Resp: 31320
Ion Ratio Lower Upper
164 100
166 122.7 92.8 139.2
129 83.8 70.1 105.1
131 80.2 67.2 100.8

Manual Integrations
APPROVED

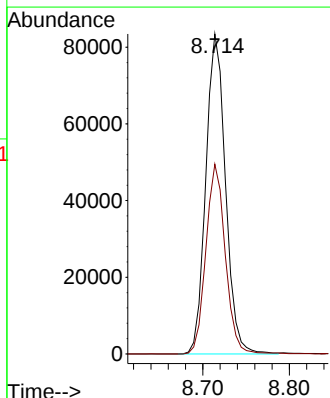
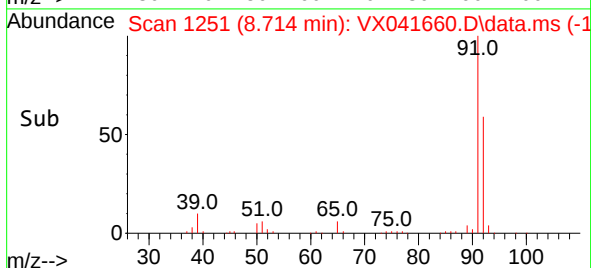
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

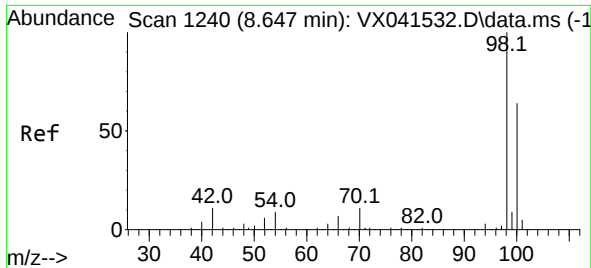


#62
Toluene
Concen: 18.073 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



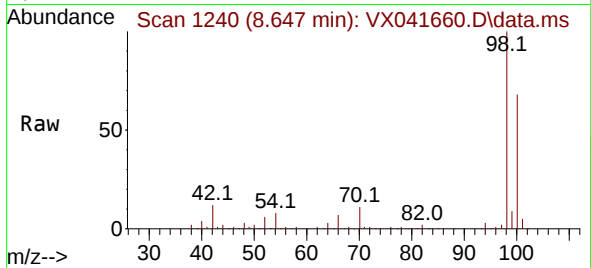
Tgt Ion: 91 Resp: 131818
Ion Ratio Lower Upper
91 100
92 58.5 47.0 70.6





#63
Toluene-d8
Concen: 29.013 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

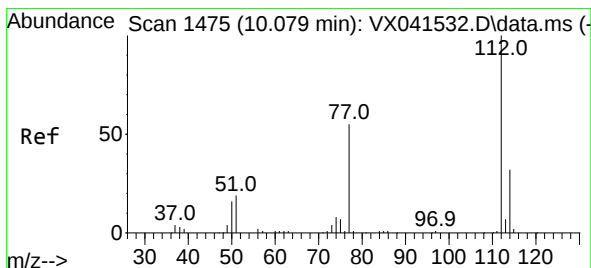
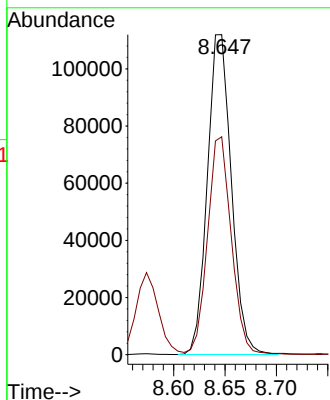
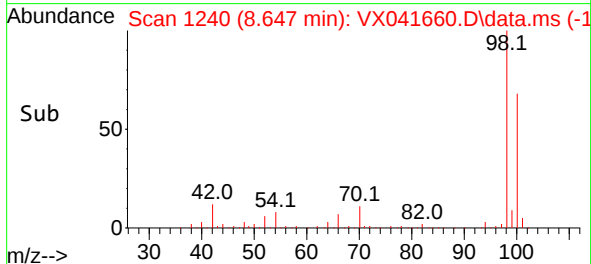
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 182299
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7

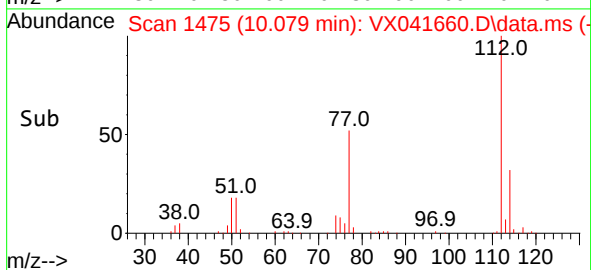
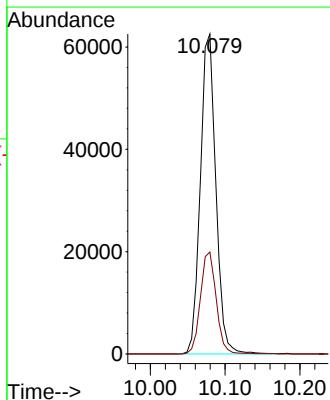
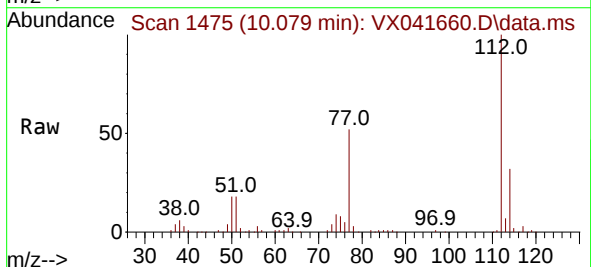
Manual Integrations
APPROVED

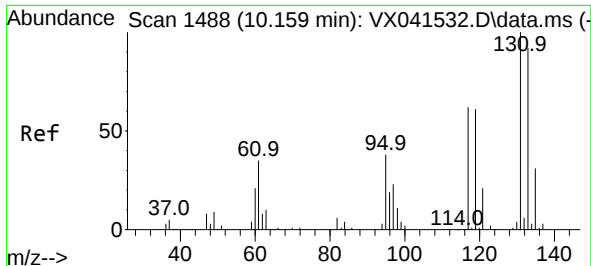
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#64
Chlorobenzene
Concen: 18.185 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion:112 Resp: 90092
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0





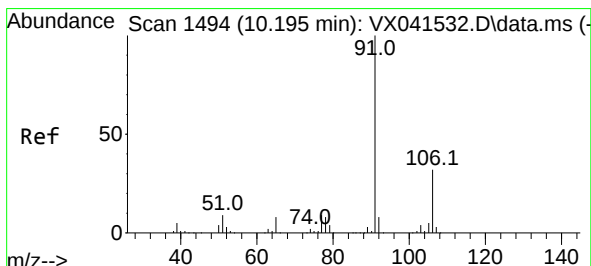
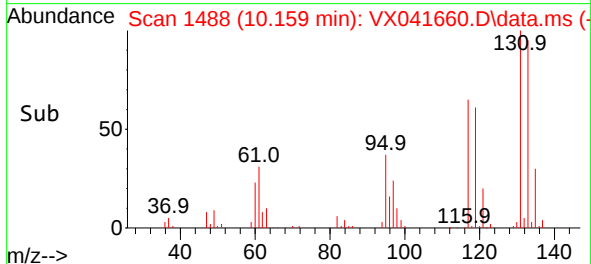
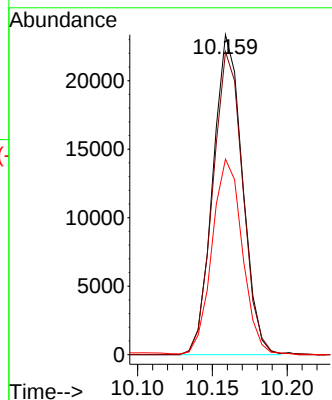
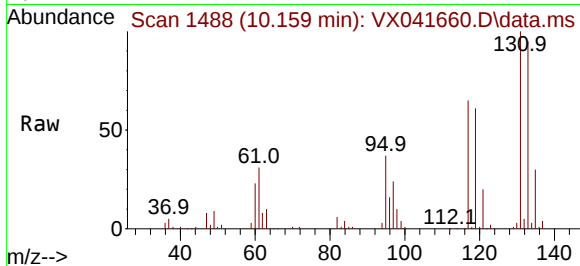
#65
1,1,1,2-Tetrachloroethane
Concen: 18.254 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 32008
Ion Ratio Lower Upper
131 100
133 96.1 0.0 191.6
119 61.8 0.0 126.4

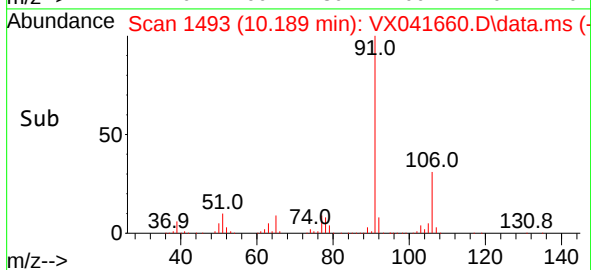
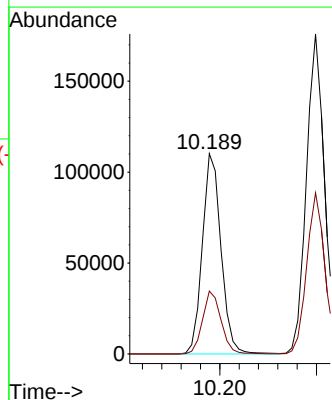
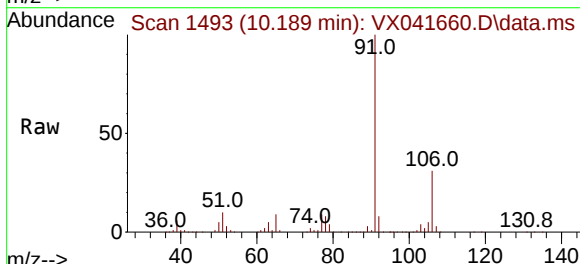
Manual Integrations
APPROVED

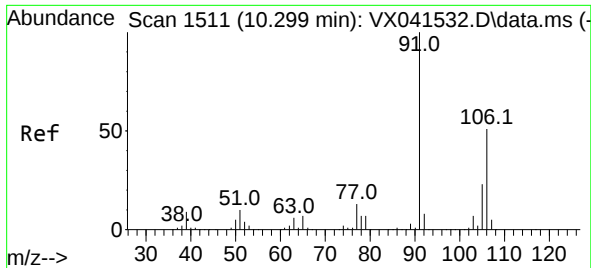
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#66
Ethyl Benzene
Concen: 18.269 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

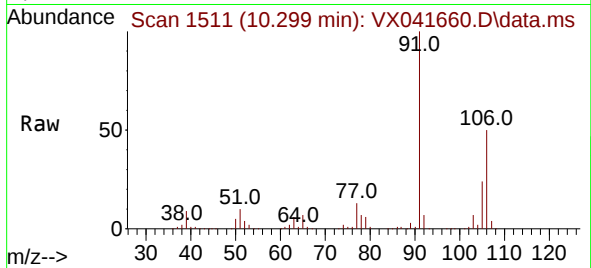
Tgt Ion: 91 Resp: 147967
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9





#67
m/p-Xylenes
Concen: 36.581 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

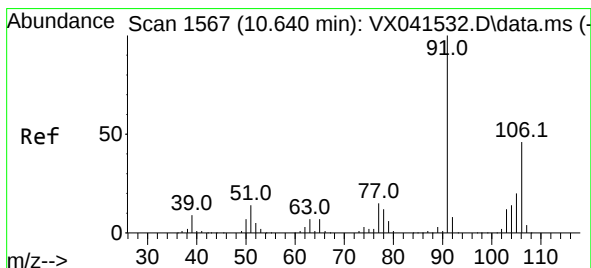
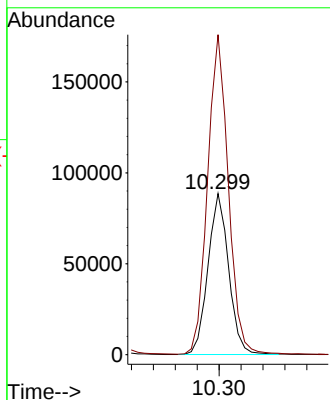
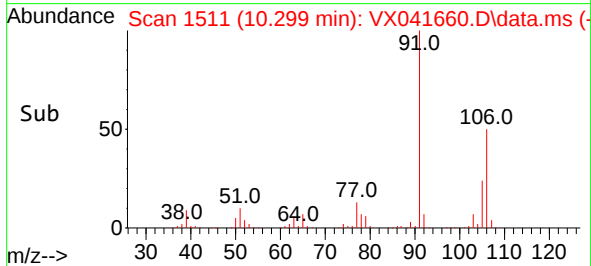
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



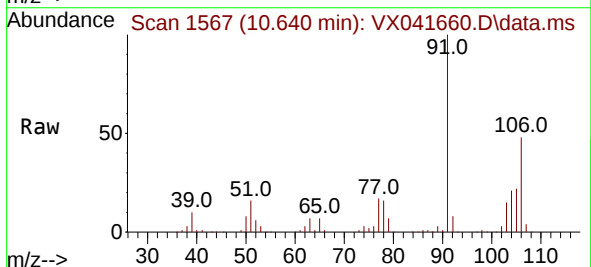
Tgt Ion:106 Resp: 11585
Ion Ratio Lower Upper
106 100
91 198.4 156.5 234.7

Manual Integrations
APPROVED

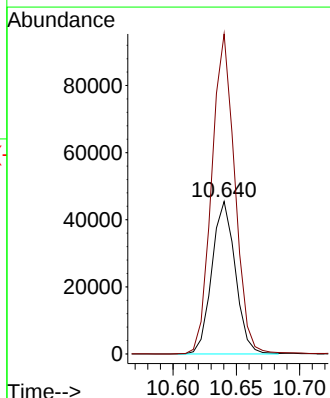
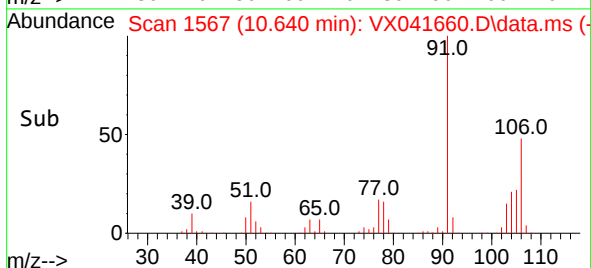
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

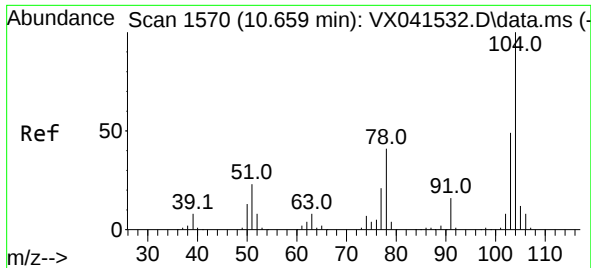


#68
o-Xylene
Concen: 18.373 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



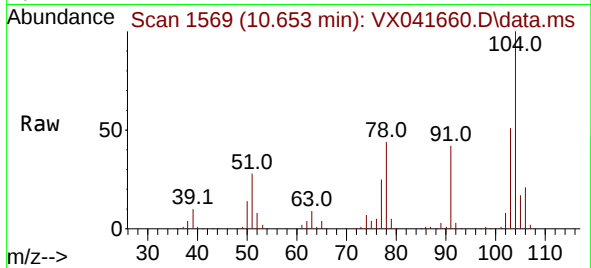
Tgt Ion:106 Resp: 58572
Ion Ratio Lower Upper
106 100
91 206.1 105.2 315.6





#69
Styrene
Concen: 17.993 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

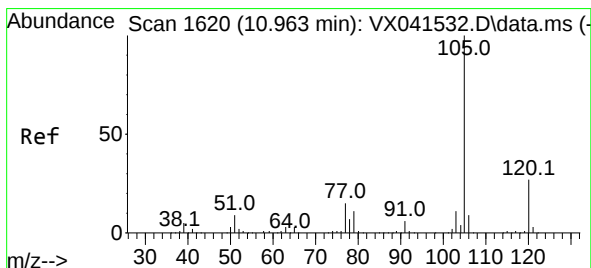
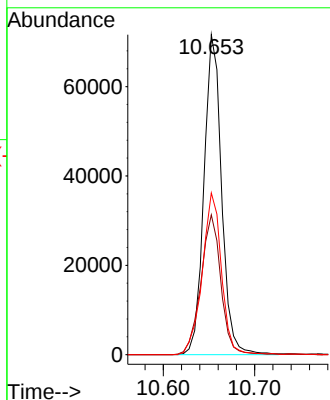
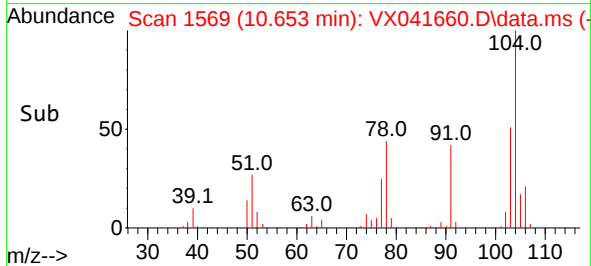
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



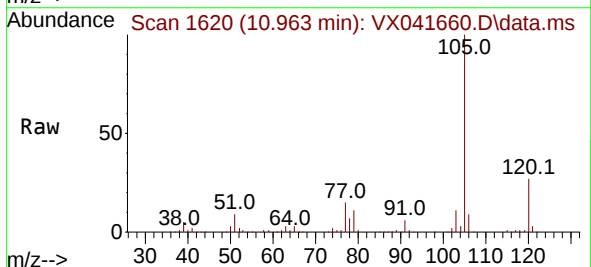
Tgt Ion:104 Resp: 9617
Ion Ratio Lower Upper
104 100
78 49.5 39.3 58.9
103 54.9 43.2 64.8

Manual Integrations
APPROVED

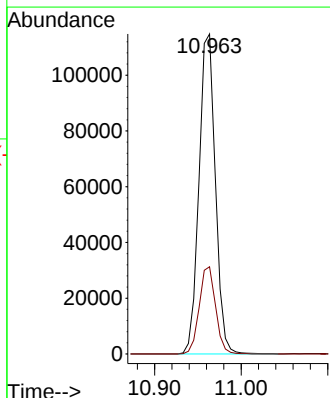
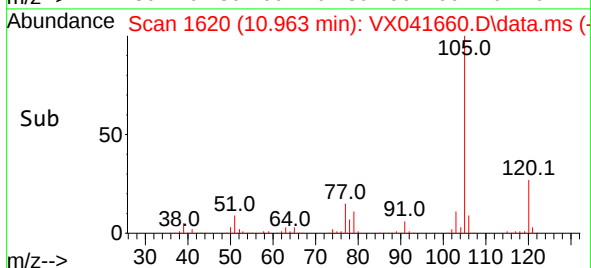
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

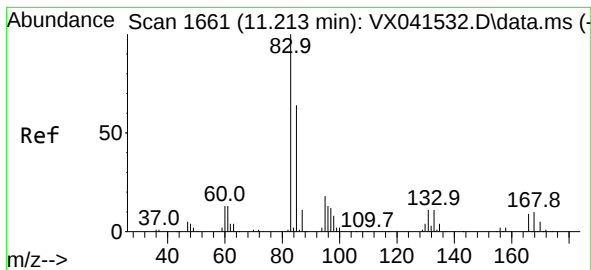


#70
Isopropylbenzene
Concen: 18.732 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



Tgt Ion:105 Resp: 150901
Ion Ratio Lower Upper
105 100
120 27.1 18.8 34.8





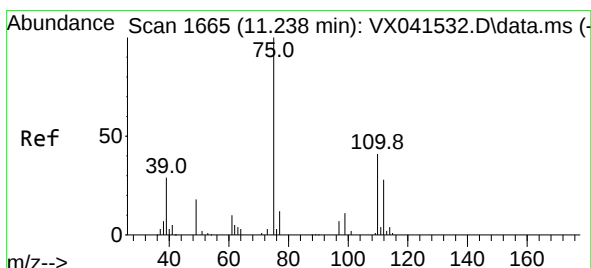
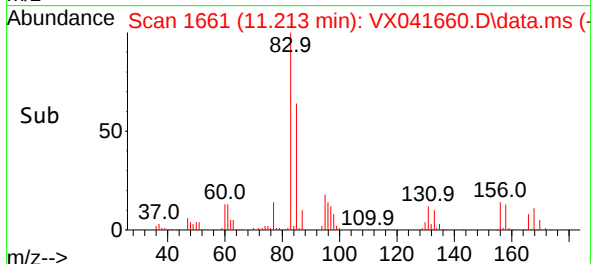
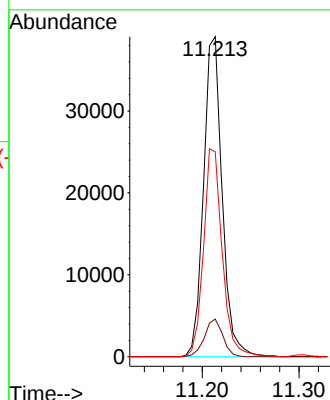
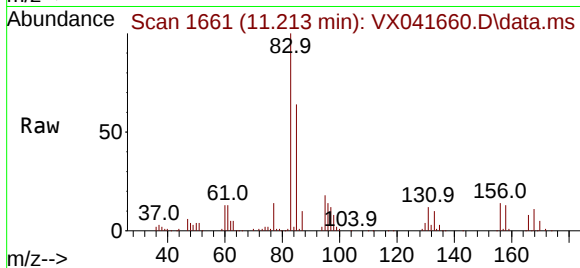
#71
1,1,2,2-Tetrachloroethane
Concen: 18.963 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5247
Ion Ratio Lower Upper
83 100
131 11.6 5.7 17.0
85 65.1 32.3 96.8

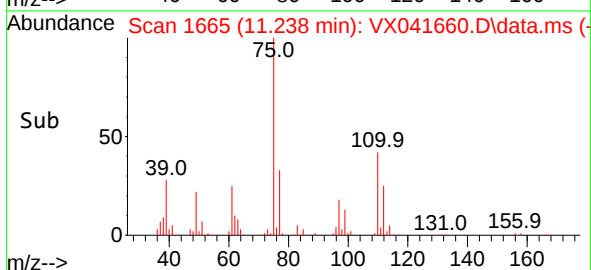
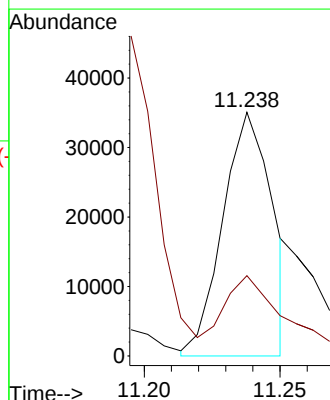
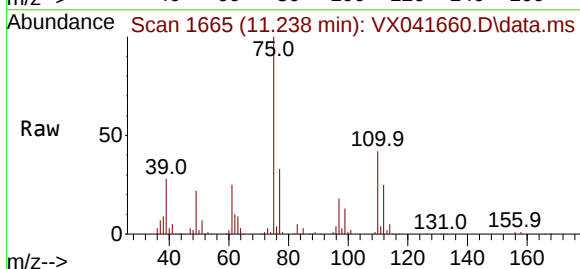
Manual Integrations
APPROVED

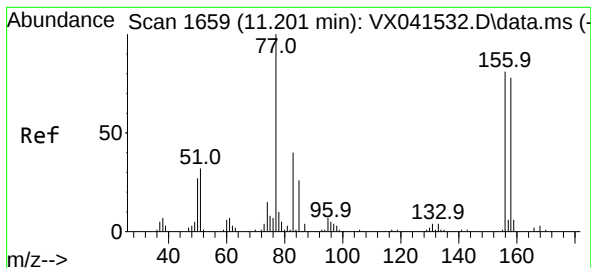
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#72
1,2,3-Trichloropropane
Concen: 17.828 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion: 75 Resp: 44494
Ion Ratio Lower Upper
75 100
77 41.9 0.0 78.8





#73

Bromobenzene

Concen: 18.005 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

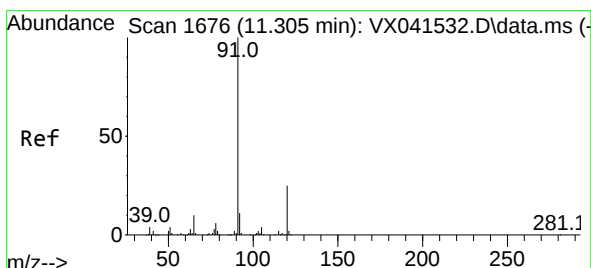
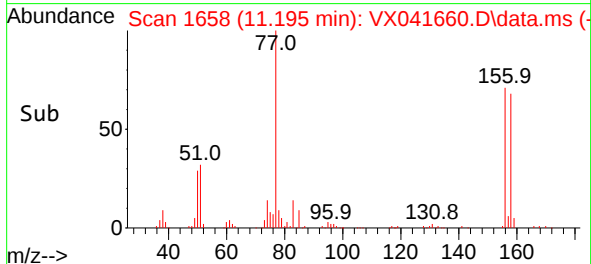
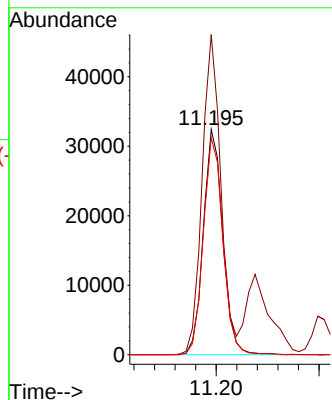
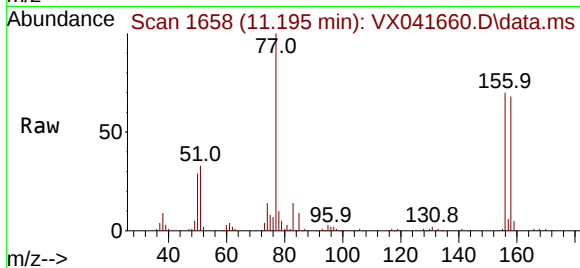
Tgt Ion:	156	Resp:	42618
Ion	Ratio	Lower	Upper
156	100		
77	136.6	0.0	267.4
158	96.9	0.0	192.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#74

n-propylbenzene

Concen: 18.460 ug/l

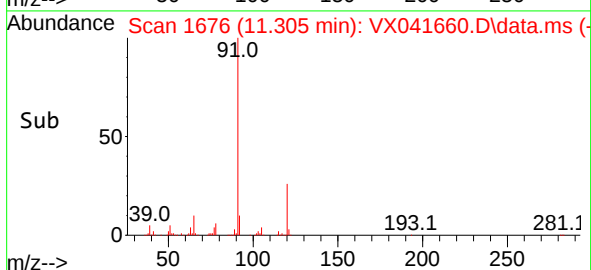
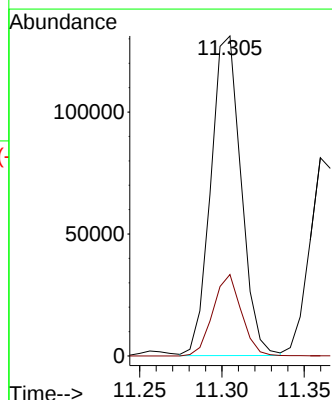
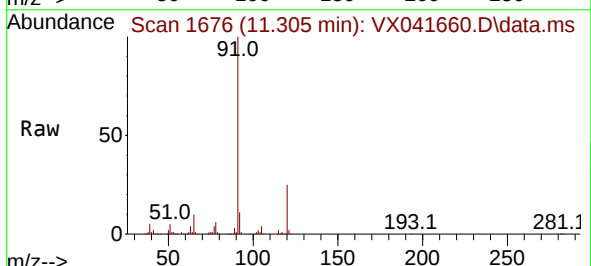
RT: 11.305 min Scan# 1676

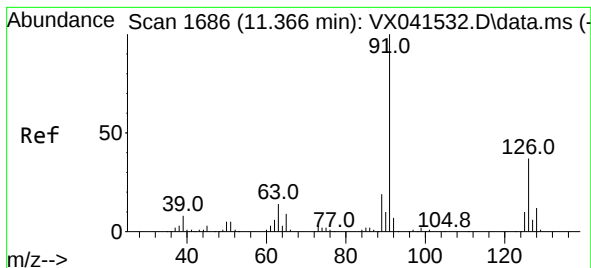
Delta R.T. 0.000 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Tgt Ion:	91	Resp:	167680
Ion	Ratio	Lower	Upper
91	100		
120	23.9	0.0	48.4





#75

2-Chlorotoluene

Concen: 18.502 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 10554

Ion Ratio Lower Upper

91 100

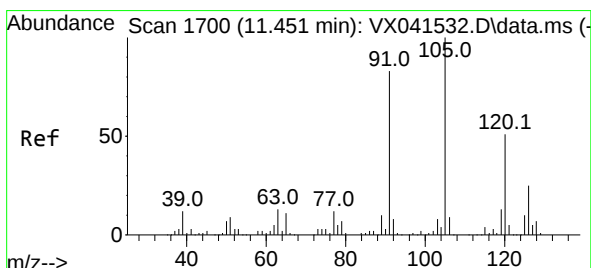
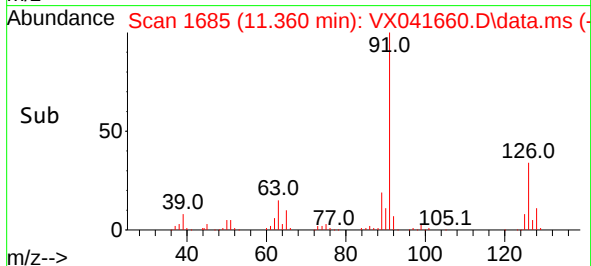
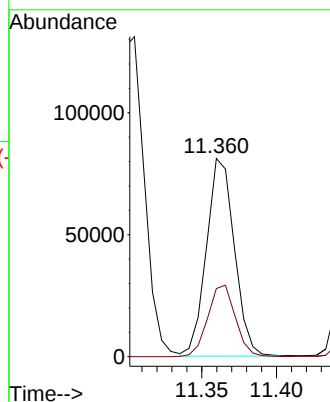
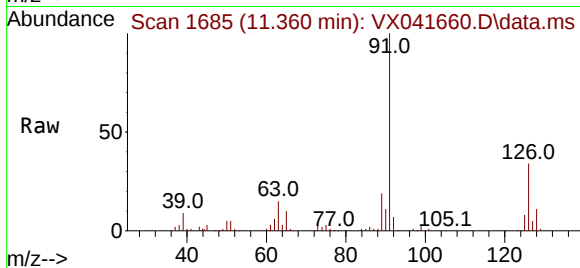
126 35.8 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#76

1,3,5-Trimethylbenzene

Concen: 18.459 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041660.D

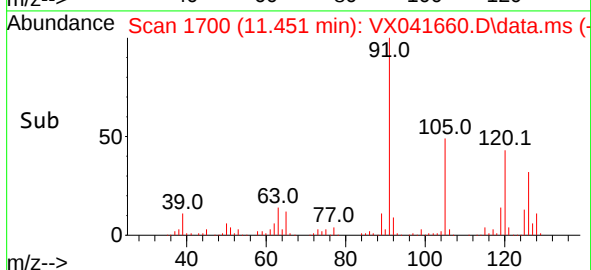
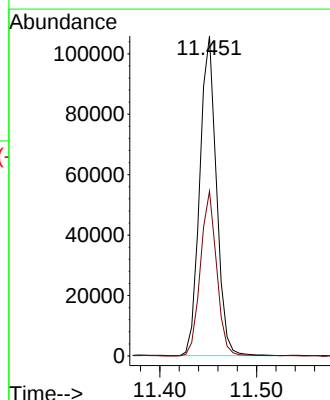
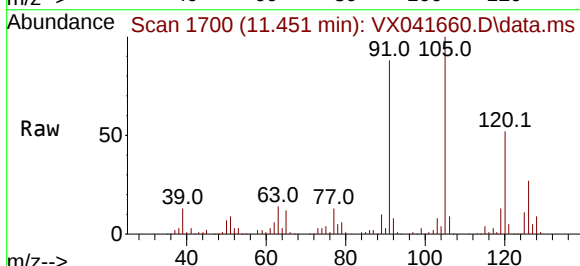
Acq: 28 May 2024 16:42

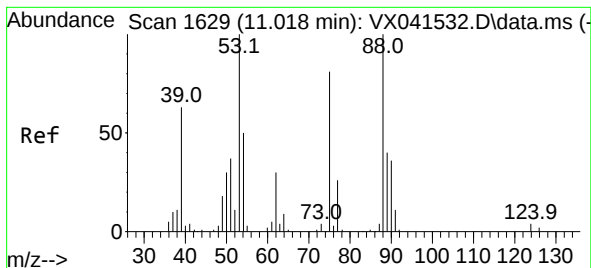
Tgt Ion:105 Resp: 126923

Ion Ratio Lower Upper

105 100

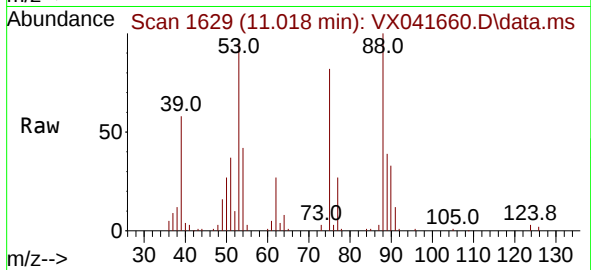
120 50.0 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.975 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

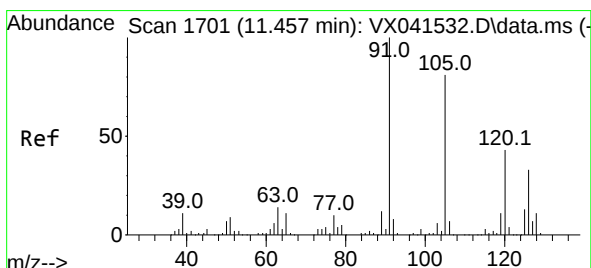
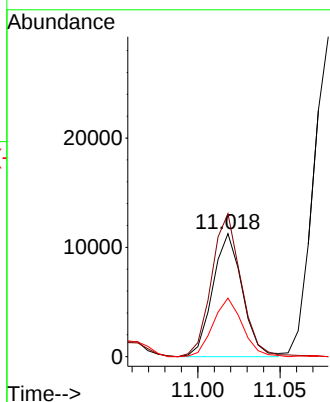
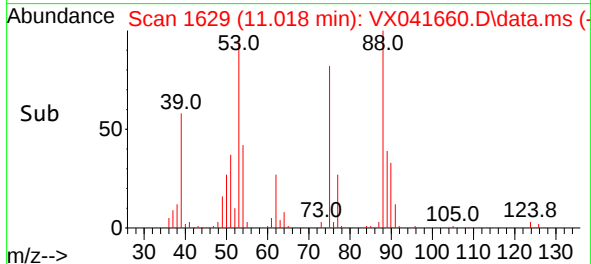
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 14100
Ion Ratio Lower Upper
75 100
53 116.4 61.8 185.3
89 47.6 24.9 74.7

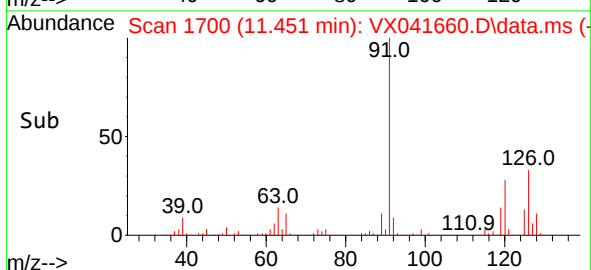
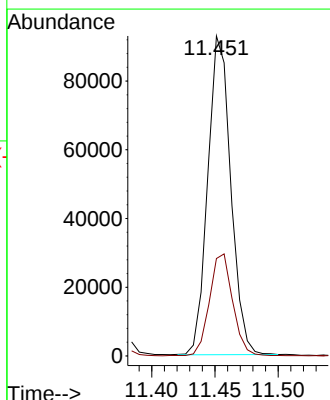
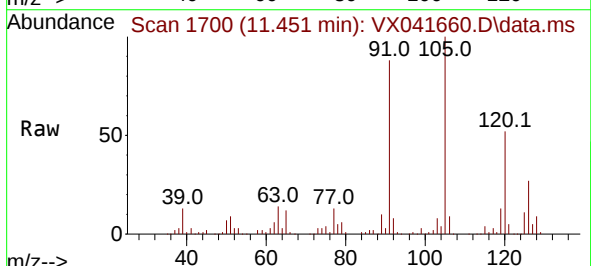
Manual Integrations
APPROVED

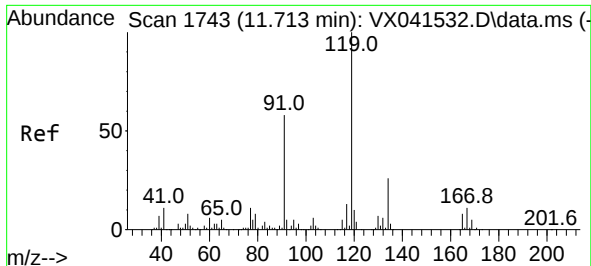
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#78
4-Chlorotoluene
Concen: 18.074 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

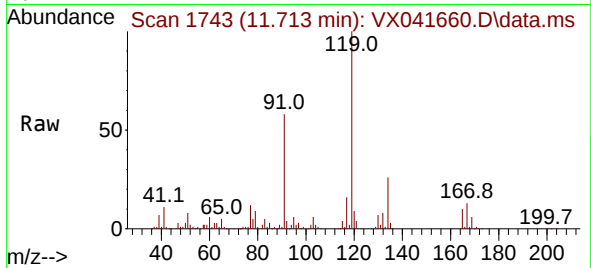
Tgt Ion: 91 Resp: 117421
Ion Ratio Lower Upper
91 100
126 32.5 0.0 62.2





#79
tert-butylbenzene
Concen: 18.366 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

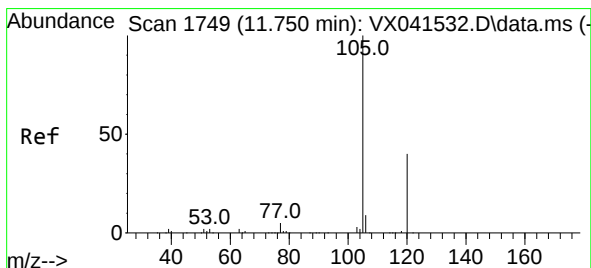
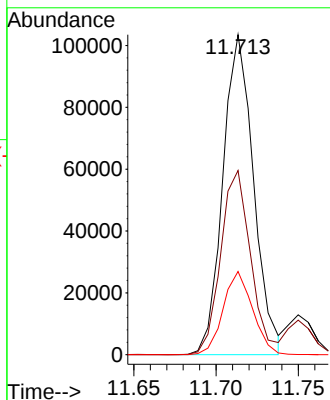
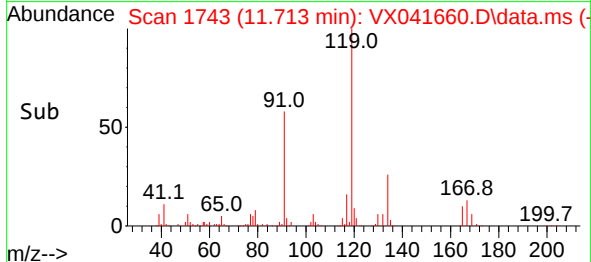
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 134400
Ion Ratio Lower Upper
119 100
91 56.2 0.0 110.0
134 25.0 0.0 50.0

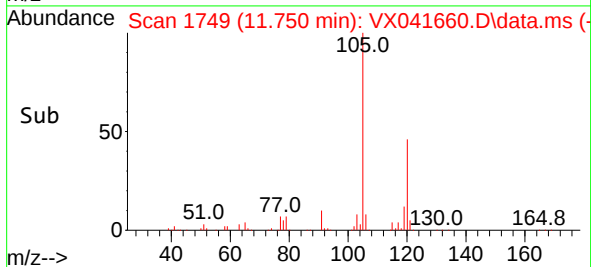
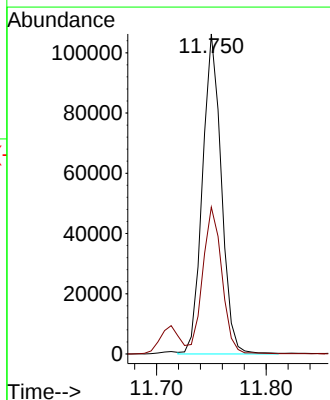
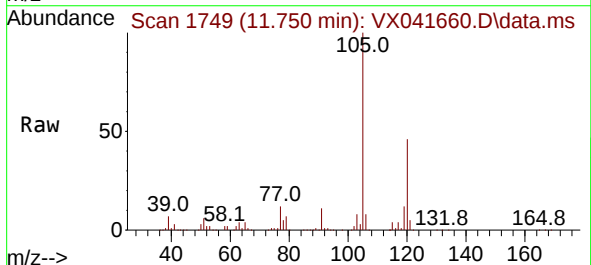
Manual Integrations
APPROVED

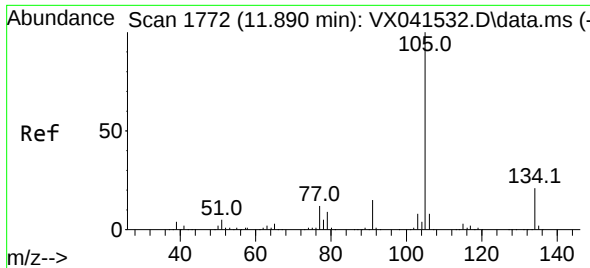
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.429 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

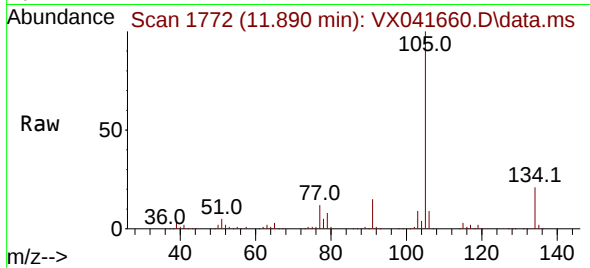
Tgt Ion:105 Resp: 127009
Ion Ratio Lower Upper
105 100
120 46.0 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 18.538 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041660.D
 Acq: 28 May 2024 16:42

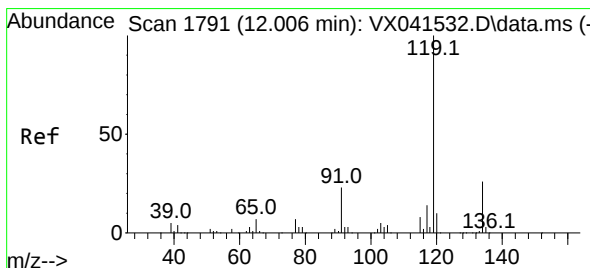
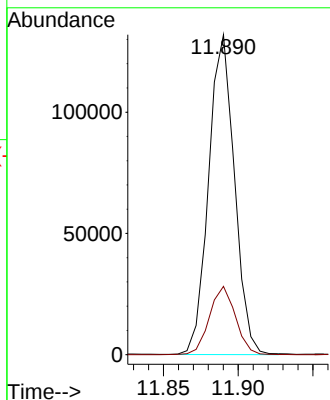
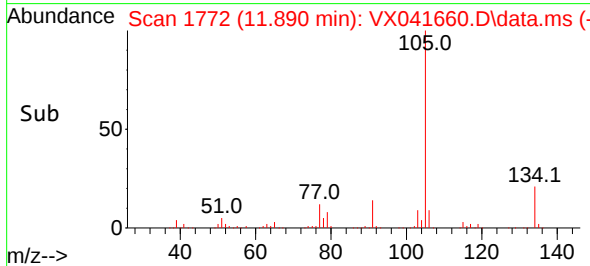
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



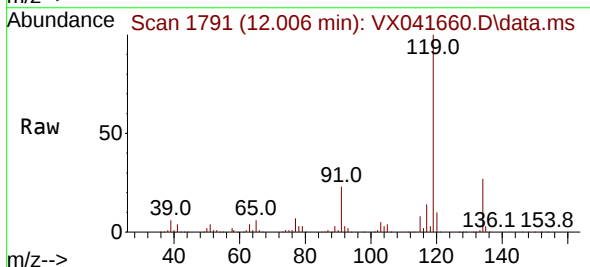
Tgt Ion:105 Resp: 15852
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 43.4

Manual Integrations
 APPROVED

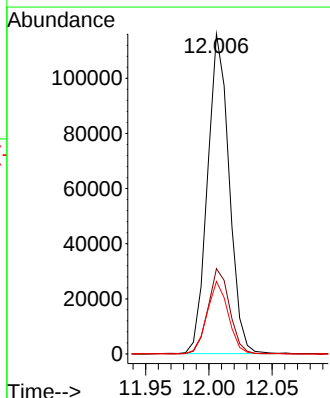
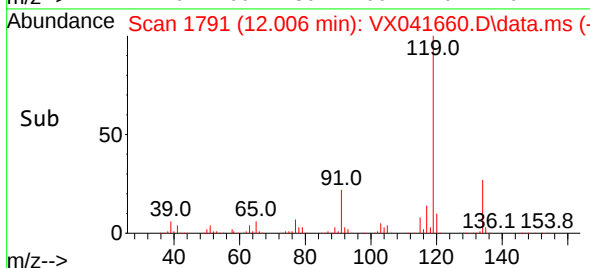
Reviewed By :John Carlone 05/29/2024
 Supervised By :Mahesh Dadoda 05/29/2024

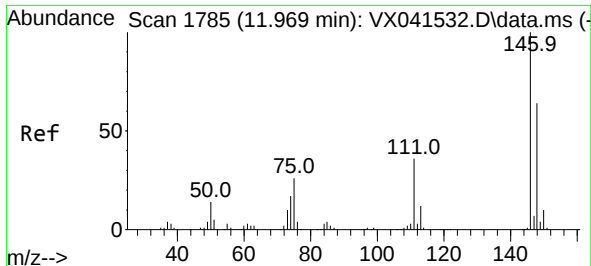


#82
 p-Isopropyltoluene
 Concen: 18.458 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041660.D
 Acq: 28 May 2024 16:42



Tgt Ion:119 Resp: 138172
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.4
 91 22.2 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 18.165 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041660.D

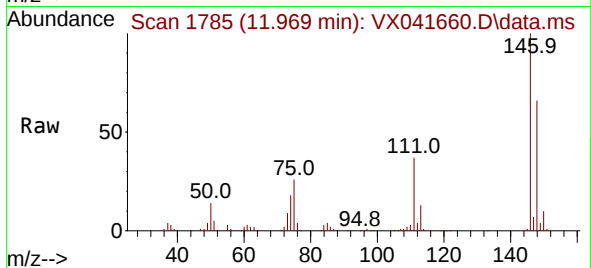
Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



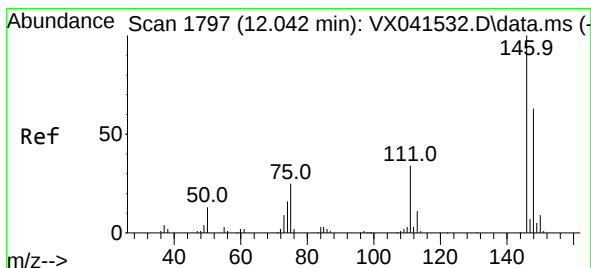
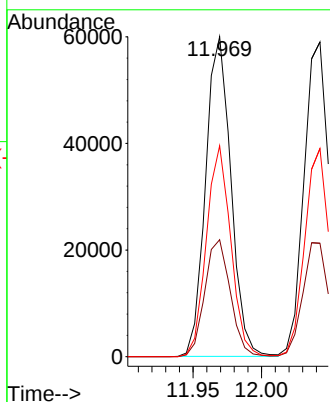
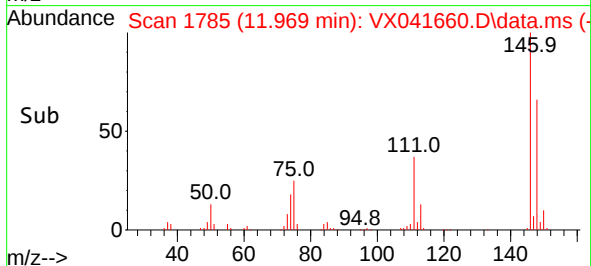
Tgt Ion:146	Resp:	7711
Ion Ratio	Lower	Upper
146	100	
111	37.0	18.4 55.2
148	63.8	32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#84

1,4-Dichlorobenzene

Concen: 17.913 ug/l

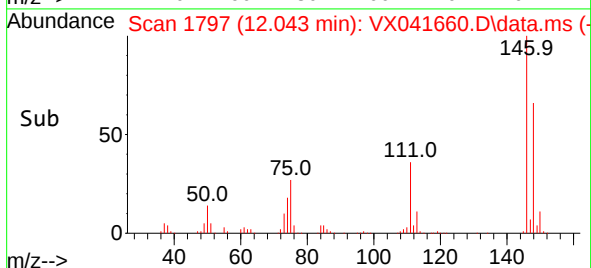
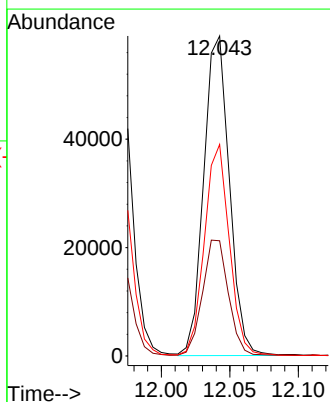
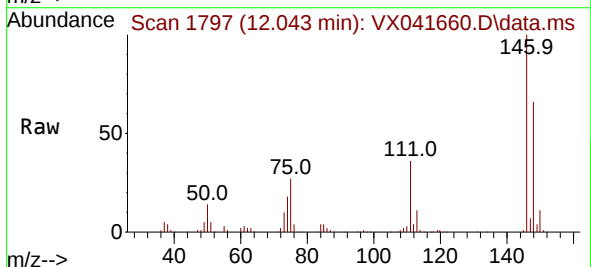
RT: 12.043 min Scan# 1797

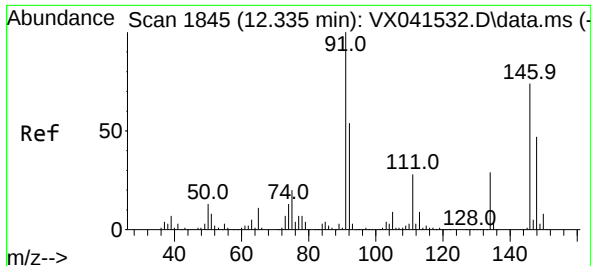
Delta R.T. 0.000 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

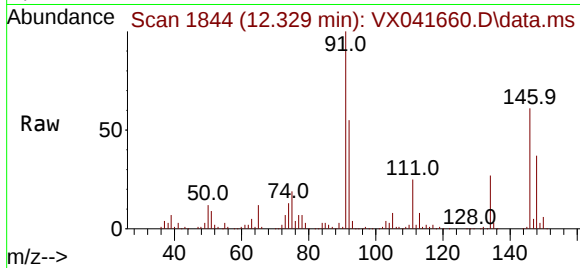
Tgt Ion:146	Resp:	76834
Ion Ratio	Lower	Upper
146	100	
111	36.3	17.8 53.5
148	64.3	31.9 95.5





#85
n-Butylbenzene
Concen: 17.930 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

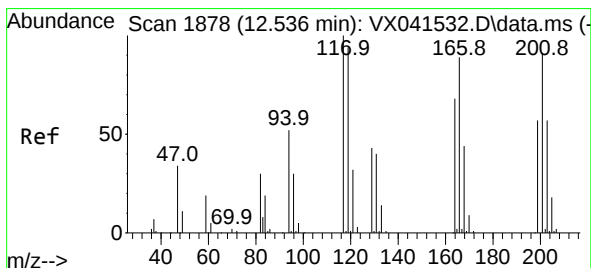
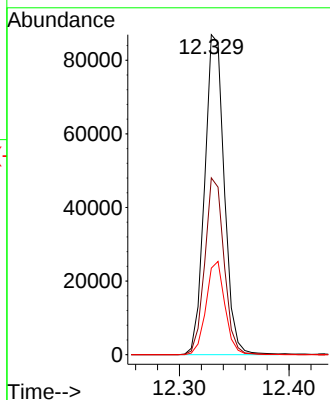
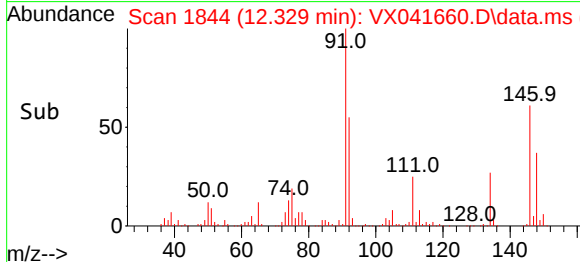
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 10800
Ion Ratio Lower Upper
91 100
92 54.3 0.0 108.4
134 28.1 0.0 56.6

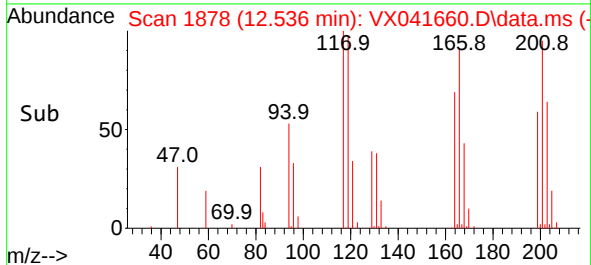
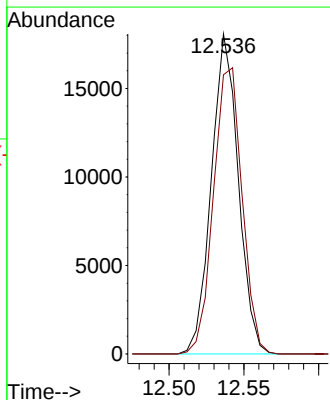
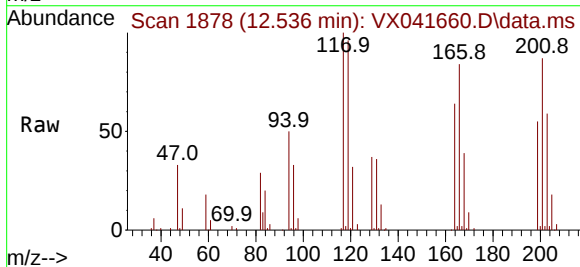
Manual Integrations
APPROVED

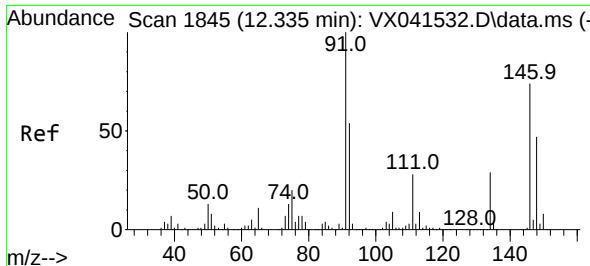
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#86
Hexachloroethane
Concen: 18.002 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

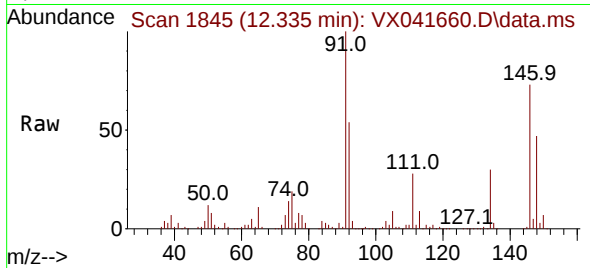
Tgt Ion:117 Resp: 22688
Ion Ratio Lower Upper
117 100
201 95.0 47.3 141.8





#87
1,2-Dichlorobenzene
Concen: 18.262 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

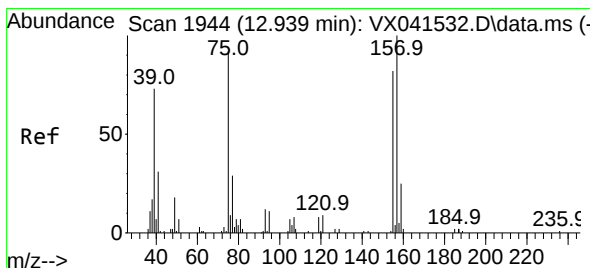
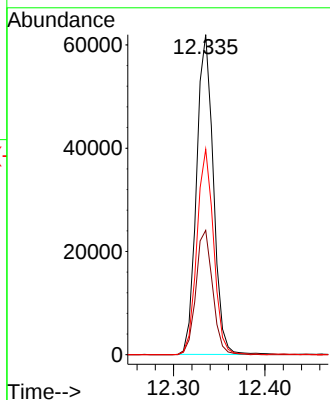
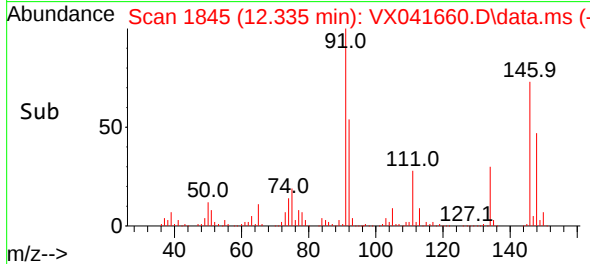
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



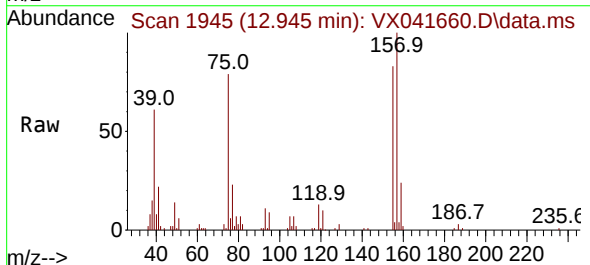
Tgt Ion:146 Resp: 79125
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.9
148 63.7 31.8 95.4

Manual Integrations
APPROVED

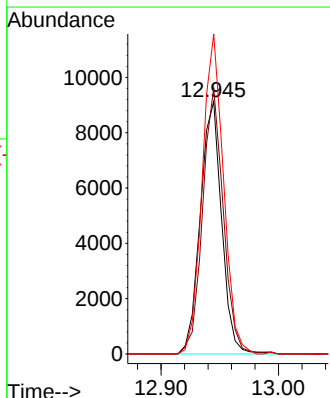
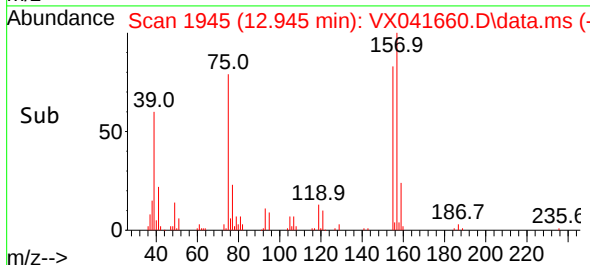
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

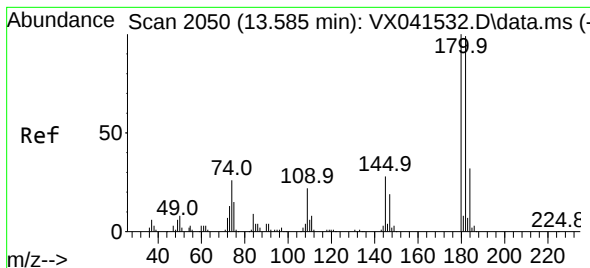


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.927 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42



Tgt Ion: 75 Resp: 11503
Ion Ratio Lower Upper
75 100
155 102.0 80.4 120.6
157 126.0 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 18.010 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

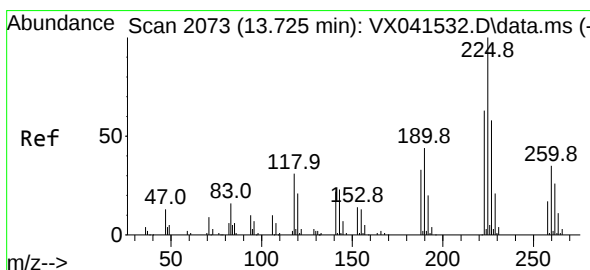
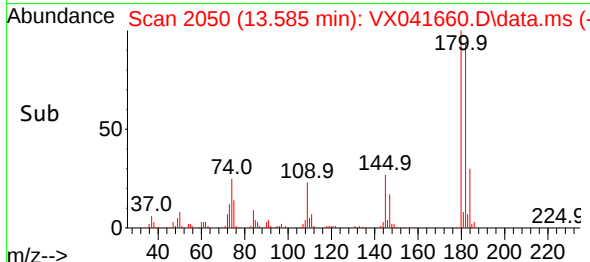
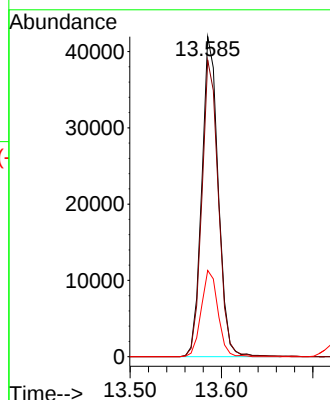
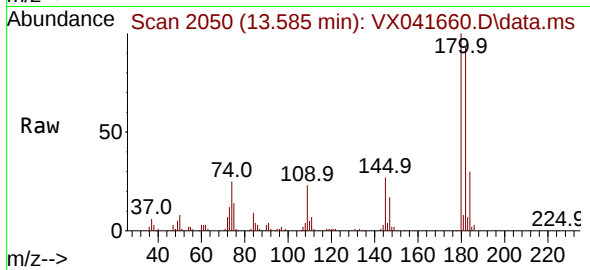
Tgt Ion:180	Resp:	52434
Ion Ratio	Lower	Upper
180	100	
182	92.6	77.0 115.4
145	27.1	22.7 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#90

Hexachlorobutadiene

Concen: 18.391 ug/l

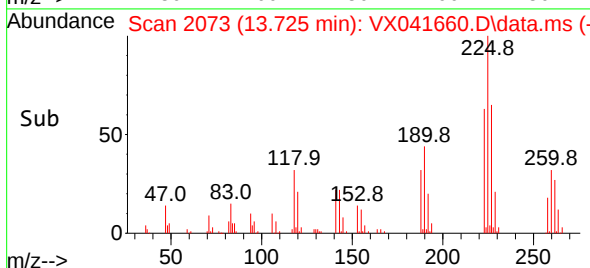
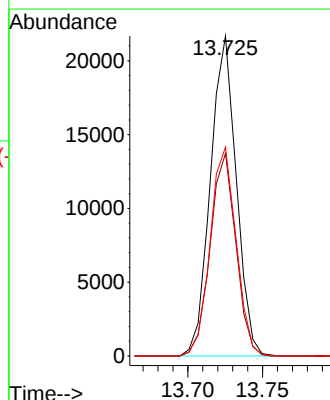
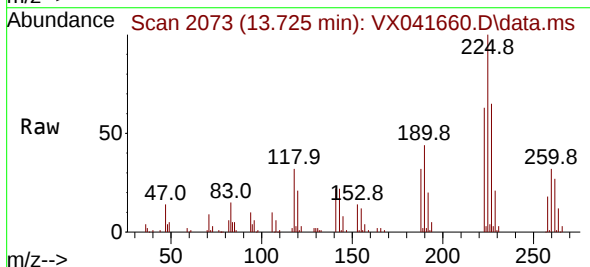
RT: 13.725 min Scan# 2073

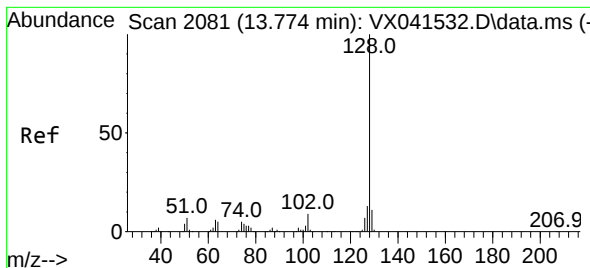
Delta R.T. 0.000 min

Lab File: VX041660.D

Acq: 28 May 2024 16:42

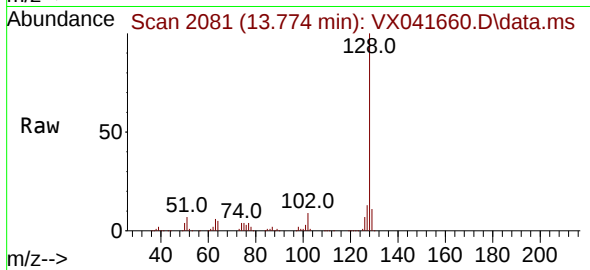
Tgt Ion:225	Resp:	26121
Ion Ratio	Lower	Upper
225	100	
223	62.6	0.0 125.8
227	65.3	0.0 125.6





#91
Naphthalene
Concen: 18.042 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

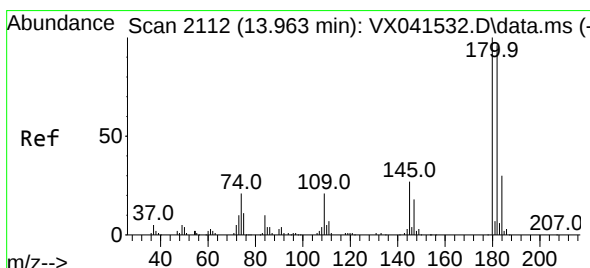
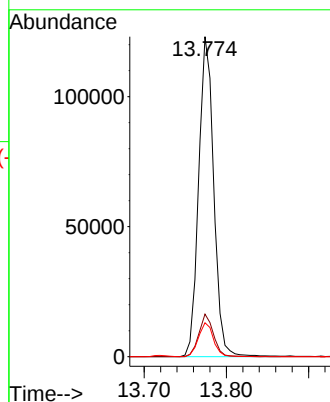
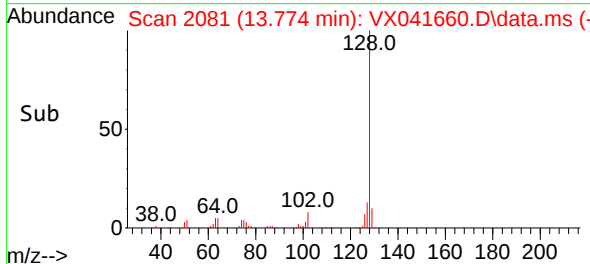
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 15699
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.086 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041660.D
Acq: 28 May 2024 16:42

Tgt Ion:180 Resp: 53797
Ion Ratio Lower Upper
180 100
182 96.7 0.0 191.0
145 29.6 0.0 58.6

