

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041652.D
 Acq On : 28 May 2024 09:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: May 29 05:36:09 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	4.897	128	27406	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	156904	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	145513	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65435	30.319	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.067%			
60) 4-Bromofluorobenzene	11.079	95	69989	30.811	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.700%			
63) Toluene-d8	8.647	98	183886	29.480	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.267%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29566	20.626	ug/l	95
3) Chloromethane	1.301	50	30121	19.189	ug/l	96
4) Vinyl Chloride	1.374	62	32362	19.582	ug/l	98
5) Bromomethane	1.599	94	20633	19.629	ug/l	97
6) Chloroethane	1.666	64	18674	22.349	ug/l	98
7) Trichlorofluoromethane	1.868	101	57287	22.837	ug/l	97
8) Diethyl Ether	2.136	74	21079	22.501	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	32779	22.533	ug/l	99
10) 1,1-Dichloroethene	2.313	96	29888	21.316	ug/l	94
11) Methyl Iodide	2.447	142	38248	22.902	ug/l	97
12) Methyl Acetate	2.703	43	51216	24.253	ug/l	95
13) Acrolein	2.239	56	23130	89.971	ug/l	98
14) Acrylonitrile	3.069	53	99372	107.029	ug/l	98
15) Acetone	2.386	58	37044	148.913	ug/l	99
16) Carbon Disulfide	2.502	76	64761	20.456	ug/l	99
17) Allyl chloride	2.660	41	53850	21.641	ug/l	98
18) Methylene Chloride	2.788	84	35137	21.069	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	31375	19.514	ug/l	97
20) Diisopropyl ether	3.757	45	109292	20.905	ug/l	97
21) 1,1-Dichloroethane	3.605	63	60526	20.628	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	39355	20.143	ug/l	98
23) tert-Butyl Alcohol	2.995	59	43960	111.572	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	107506	20.537	ug/l	97
25) Chloroform	5.086	83	63613	20.351	ug/l	99
26) Cyclohexane	5.464	56	47899	19.576	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	41371	19.933	ug/l	100
30) 2-Butanone	4.562	43	150222	109.042	ug/l	99
31) 2,2-Dichloropropane	4.465	77	50081	20.559	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	56704	20.361	ug/l	99
33) Carbon Tetrachloride	5.672	117	50040	21.000	ug/l	99
34) Benzene	6.031	78	130105	19.848	ug/l	98
35) Methacrylonitrile	4.922	41	29027	20.887	ug/l	98
36) 1,2-Dichloroethane	6.080	62	49864	20.385	ug/l	99
37) Trichloroethene	7.123	130	35088	19.212	ug/l	98
38) Methylcyclohexane	7.379	83	51405	19.506	ug/l	99
39) 1,2-Dichloropropane	7.428	63	32613	21.047	ug/l	99
40) Dibromomethane	7.580	93	24768	20.310	ug/l	98
41) Bromodichloromethane	7.818	83	47351	20.682	ug/l	99
42) Vinyl Acetate	3.721	43	482978	101.045	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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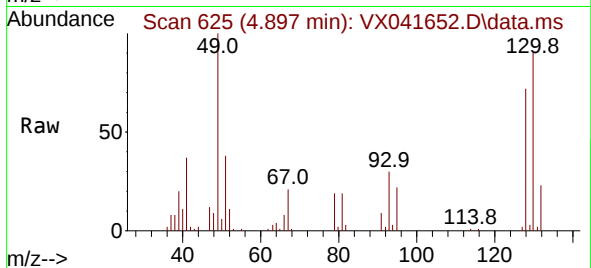
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	52695	19.824	ug/l	99
44) Isopropyl Acetate	6.342	43	82459	20.521	ug/l	100
45) 1,4-Dioxane	7.665	88	17763	391.983	ug/l #	86
46) Methyl methacrylate	7.690	41	41967	20.992	ug/l	97
47) n-amyl Acetate	10.842	43	74323	20.397	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	45370	19.733	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	50730	20.371	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	34015	20.050	ug/l	96
51) Ethyl methacrylate	9.116	69	54342	19.901	ug/l	97
52) 1,3-Dichloropropane	9.305	76	57139	20.383	ug/l	100
53) Dibromochloromethane	9.519	129	40505	20.984	ug/l	99
54) 1,2-Dibromoethane	9.604	107	36442	20.257	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	143364	107.563	ug/l	99
56) Bromoform	10.799	173	32666	21.123	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	290396	109.223	ug/l	99
59) 2-Hexanone	9.433	43	229826	108.507	ug/l	100
61) Tetrachloroethene	9.269	164	34948	19.630	ug/l	92
62) Toluene	8.714	91	146566	20.242	ug/l	100
64) Chlorobenzene	10.079	112	98805	20.090	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	36279	20.841	ug/l	100
66) Ethyl Benzene	10.189	91	162052	20.156	ug/l	99
67) m/p-Xylenes	10.299	106	128053	40.730	ug/l	97
68) o-Xylene	10.640	106	63784	20.155	ug/l	99
69) Styrene	10.653	104	106609	20.091	ug/l	99
70) Isopropylbenzene	10.963	105	166861	20.866	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	59215	21.555	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	49092m	19.815	ug/l	
73) Bromobenzene	11.195	156	46469	19.776	ug/l	97
74) n-propylbenzene	11.305	91	186725	20.707	ug/l	99
75) 2-Chlorotoluene	11.366	91	115556	20.407	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	139966	20.506	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	16715	21.465	ug/l	89
78) 4-Chlorotoluene	11.451	91	131179	20.339	ug/l	99
79) tert-butylbenzene	11.713	119	151180	20.810	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	140701	20.566	ug/l	99
81) sec-Butylbenzene	11.890	105	175504	20.674	ug/l	99
82) p-Isopropyltoluene	12.006	119	152518	20.524	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	86331	20.486	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	85743	20.136	ug/l	99
85) n-Butylbenzene	12.329	91	119126	19.922	ug/l	100
86) Hexachloroethane	12.536	117	26736	21.370	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	87074	20.244	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13409	22.226	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	58276	20.164	ug/l	99
90) Hexachlorobutadiene	13.725	225	29392	20.846	ug/l	99
91) Naphthalene	13.774	128	176645	20.450	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	59929	20.296	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

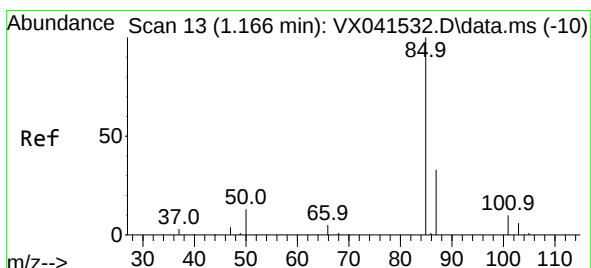
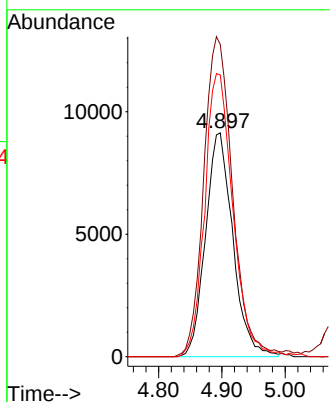
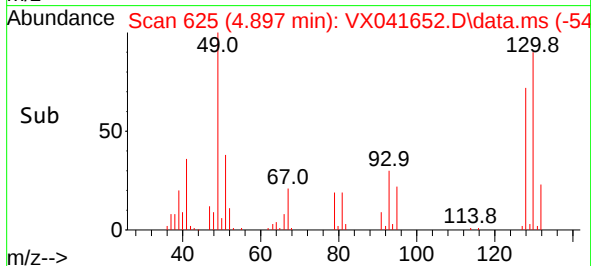
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 27400
Ion Ratio Lower Upper
128 100
49 150.7 0.0 361.5
130 130.4 0.0 324.3

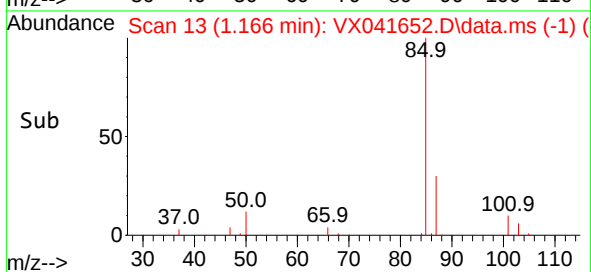
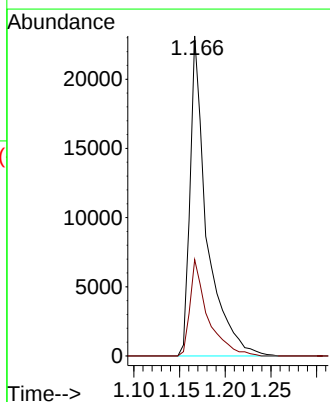
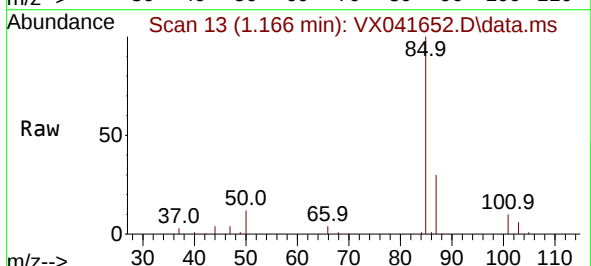
Manual Integrations
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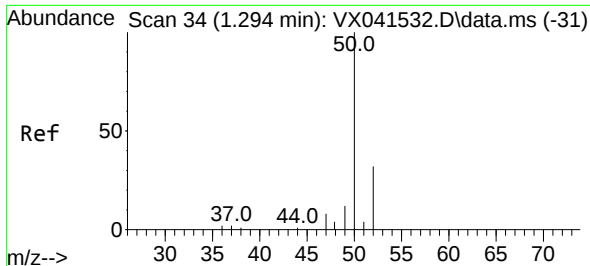
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#2
Dichlorodifluoromethane
Concen: 20.626 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 85 Resp: 29566
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.1





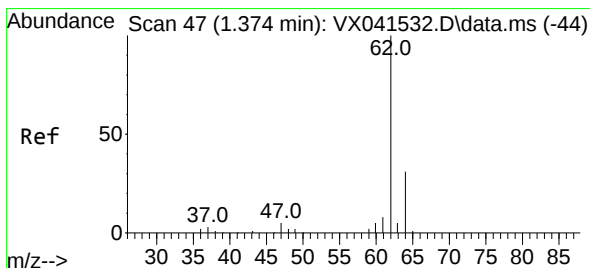
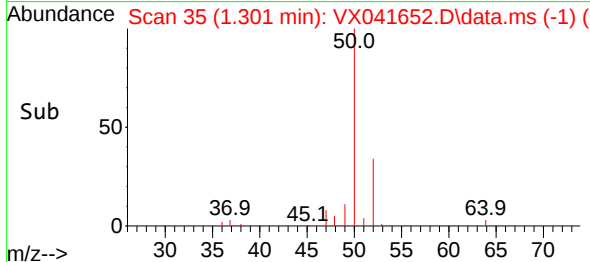
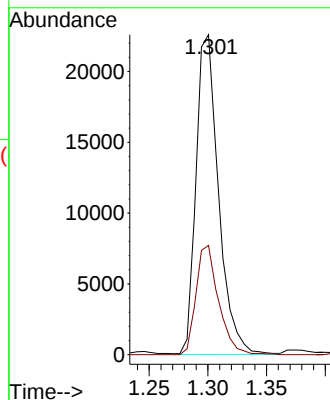
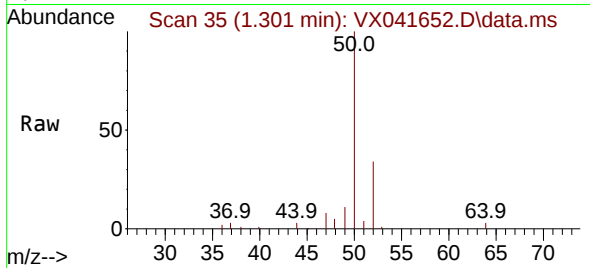
#3
Chloromethane
Concen: 19.189 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 3012
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.8

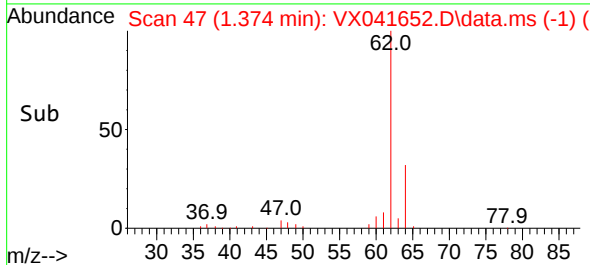
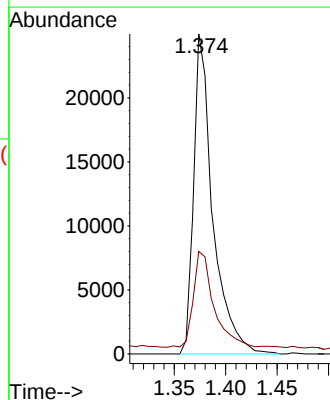
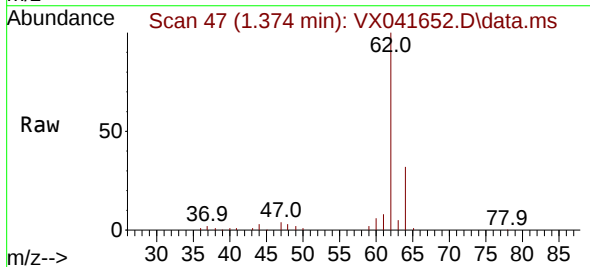
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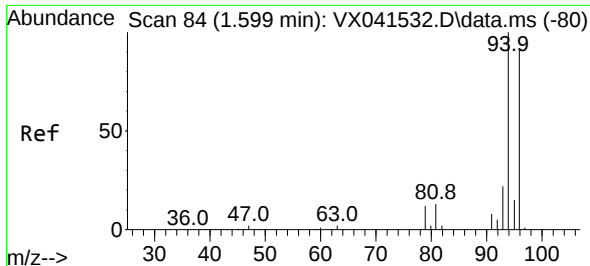
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#4
Vinyl Chloride
Concen: 19.582 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

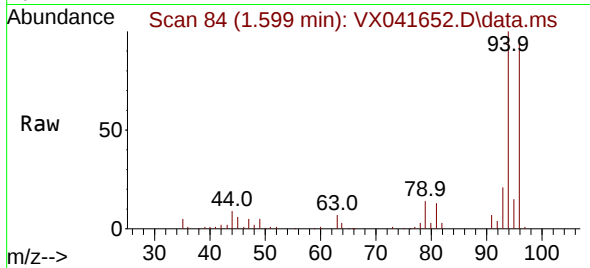
Tgt Ion: 62 Resp: 32362
Ion Ratio Lower Upper
62 100
64 29.9 24.6 37.0





#5
Bromomethane
Concen: 19.629 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

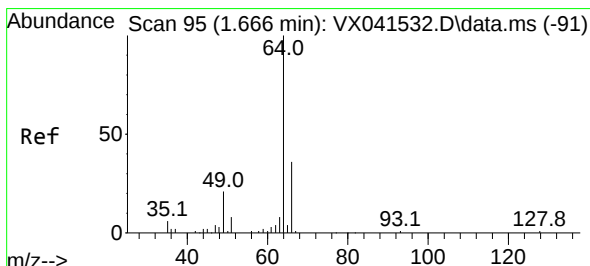
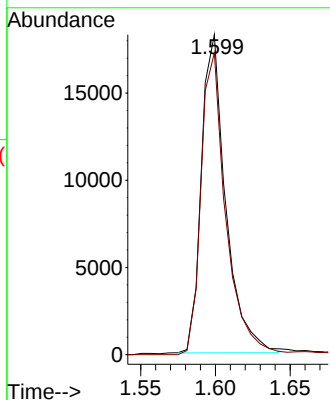
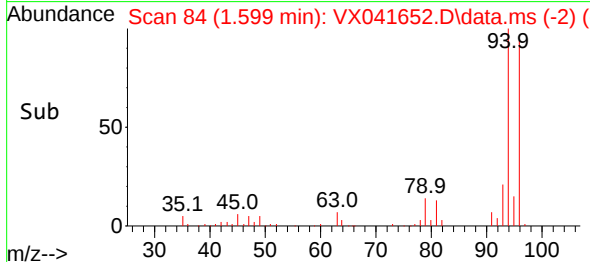
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 2063
Ion Ratio Lower Upper
94 100
96 94.9 73.9 110.9

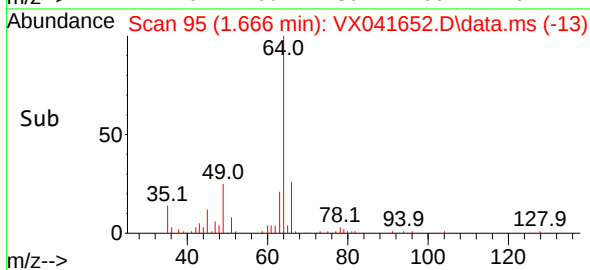
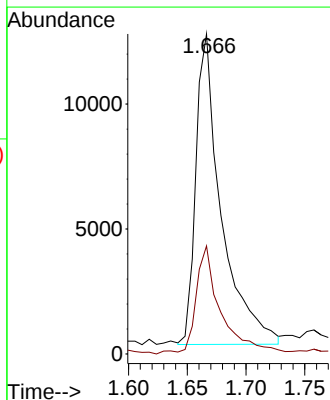
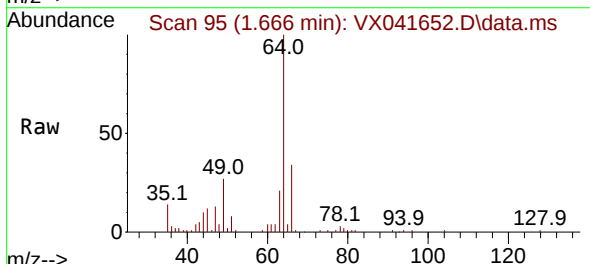
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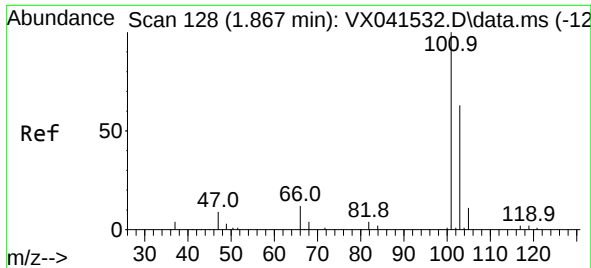
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#6
Chloroethane
Concen: 22.349 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

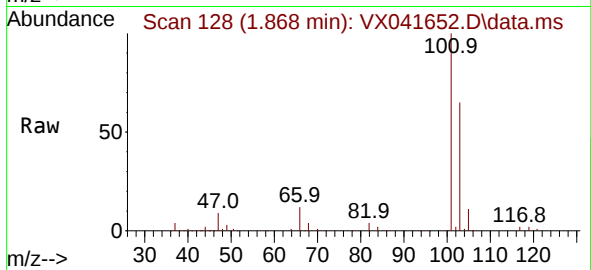
Tgt Ion: 64 Resp: 18674
Ion Ratio Lower Upper
64 100
66 34.4 28.6 42.8





#7
Trichlorofluoromethane
Concen: 22.837 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

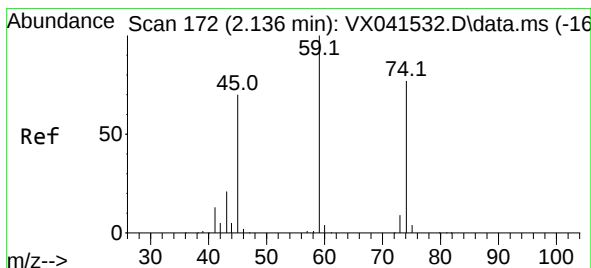
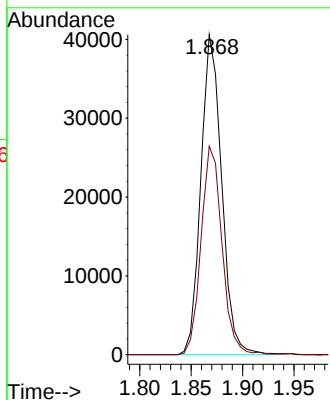
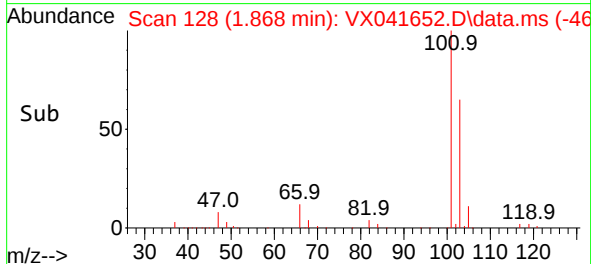
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion:101 Resp: 5728
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1

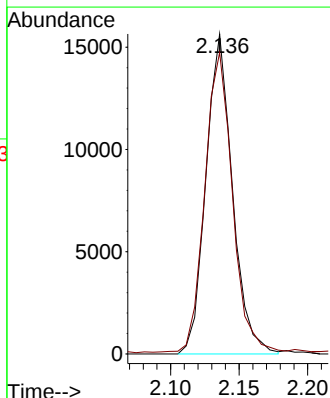
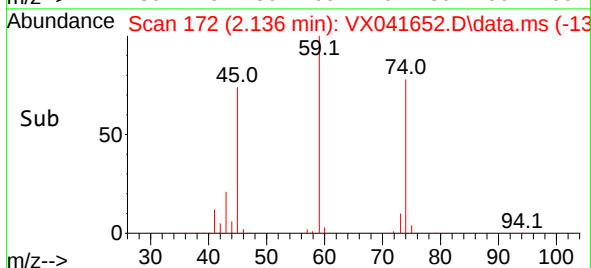
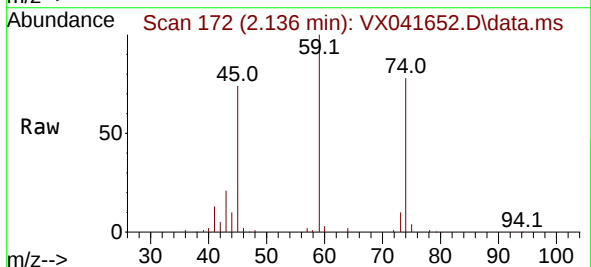
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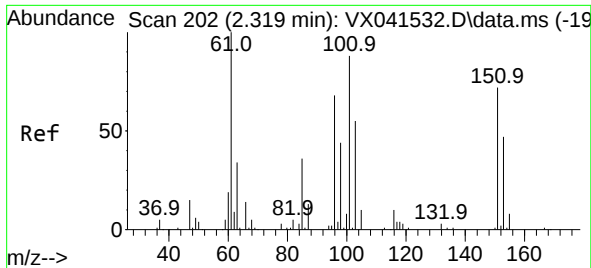
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#8
Diethyl Ether
Concen: 22.501 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 74 Resp: 21079
Ion Ratio Lower Upper
74 100
45 98.5 18.6 167.4





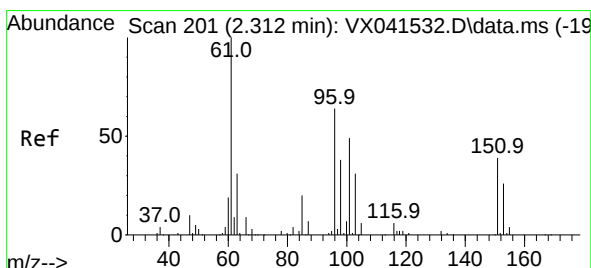
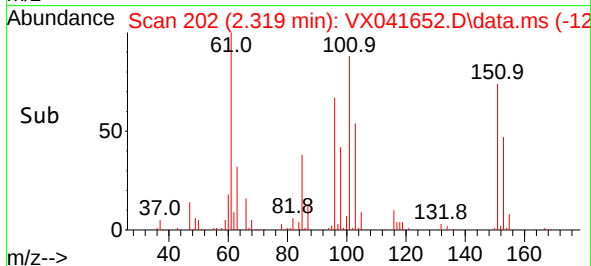
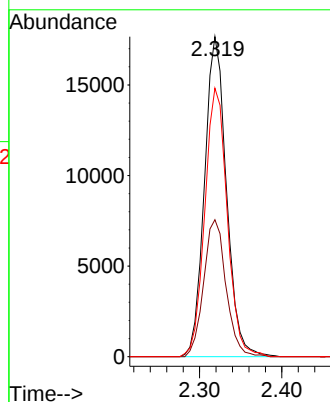
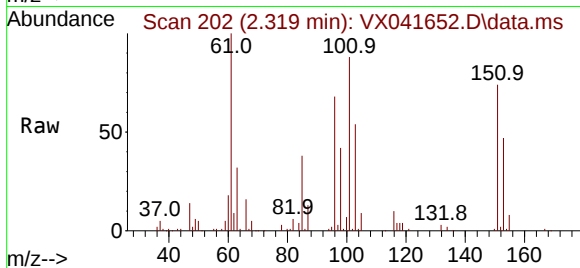
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1,1,2-Trichlorotrifluoroethane
Concen: 22.533 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 101 Resp: 32779
Ion Ratio Lower Upper
101 100
85 43.6 0.0 84.6
151 85.9 0.0 170.2

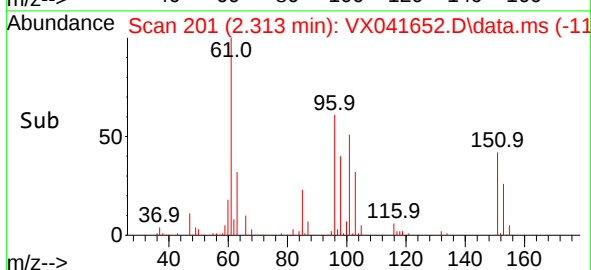
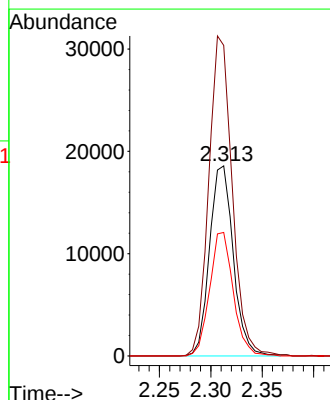
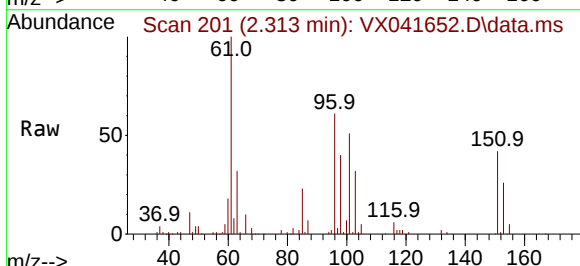
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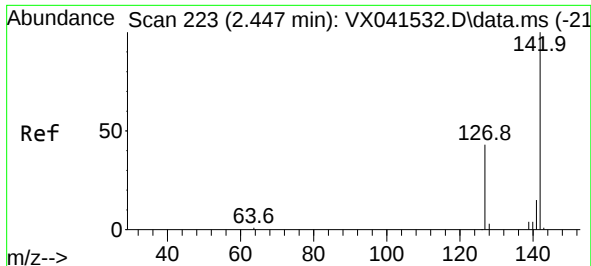
Reviewed By : John Carlone 05/29/2024
Supervised By : Mahesh Dadoda 05/29/2024



#10
1,1-Dichloroethene
Concen: 21.316 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 96 Resp: 29888
Ion Ratio Lower Upper
96 100
61 163.4 124.5 186.7
98 65.0 47.9 71.9





#11

Methyl Iodide

Concen: 22.902 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

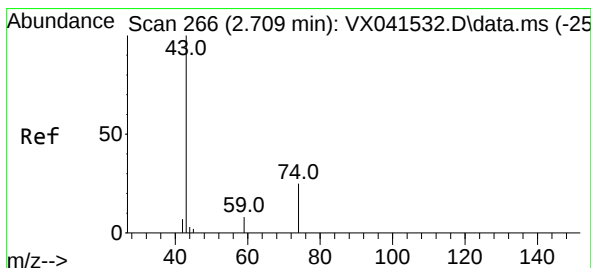
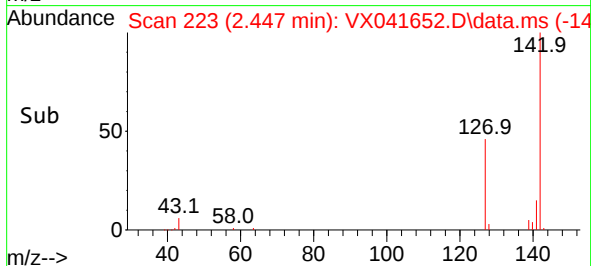
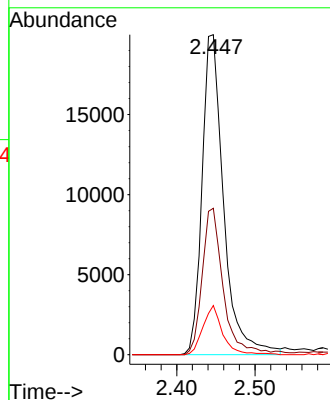
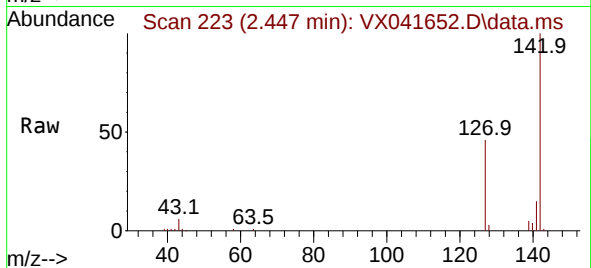
Tgt Ion:	142	Resp:	3824
Ion	Ratio	Lower	Upper
142	100		
127	45.6	21.4	64.2
141	15.5	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#12

Methyl Acetate

Concen: 24.253 ug/l

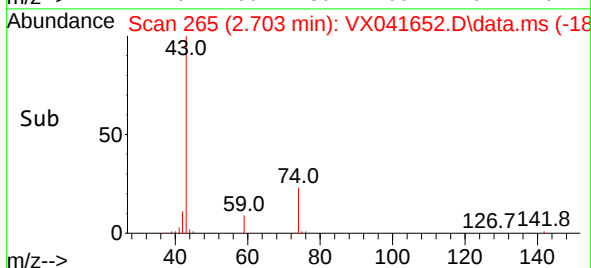
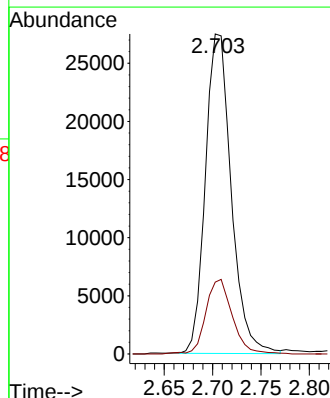
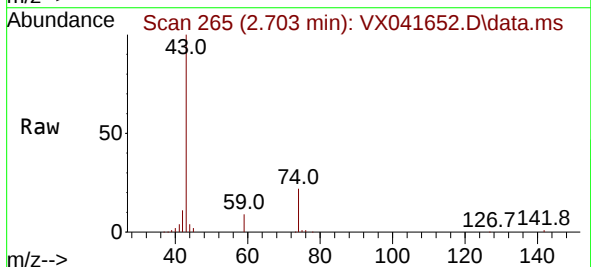
RT: 2.703 min Scan# 265

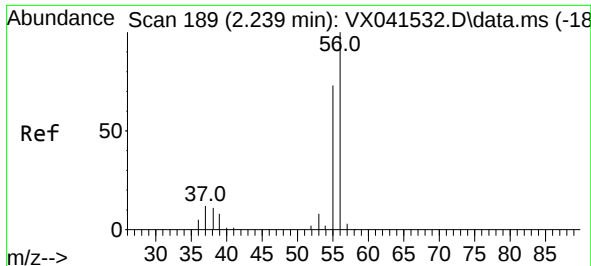
Delta R.T. -0.006 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

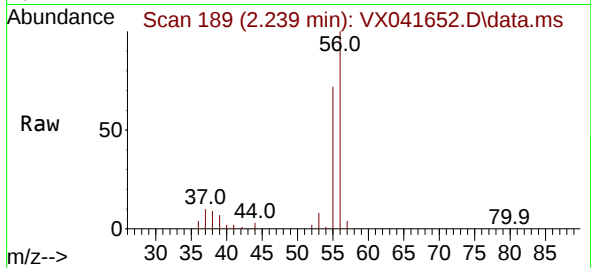
Tgt Ion:	43	Resp:	51216
Ion	Ratio	Lower	Upper
43	100		
74	22.2	19.9	29.9





#13
Acrolein
Concen: 89.971 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

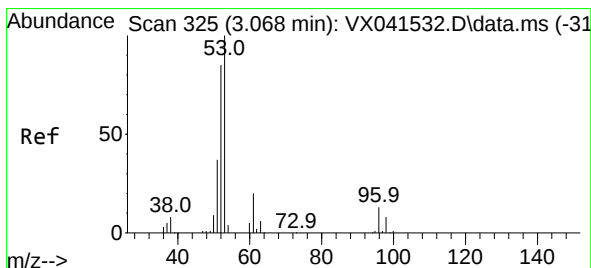
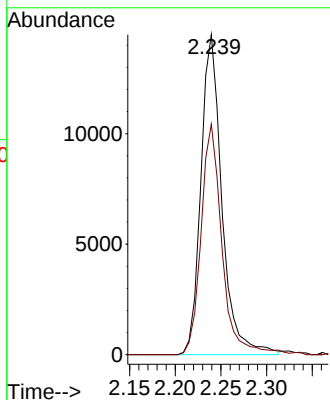
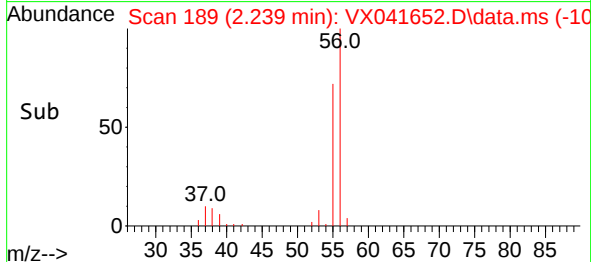
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



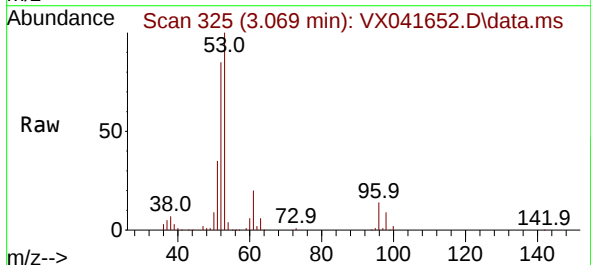
Tgt Ion: 56 Resp: 23130
Ion Ratio Lower Upper
56 100
55 70.9 55.1 82.7

Manual Integrations
APPROVED

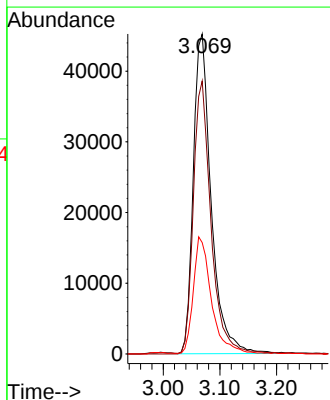
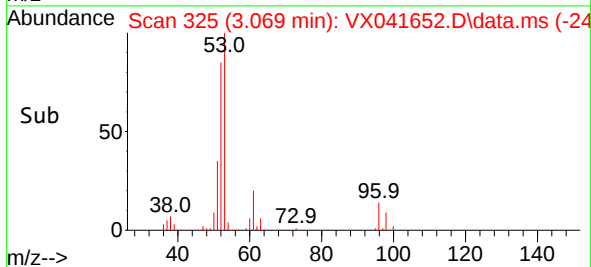
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

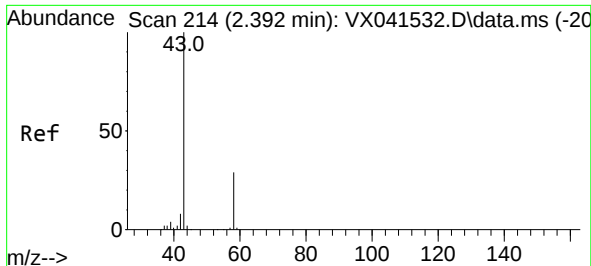


#14
Acrylonitrile
Concen: 107.029 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



Tgt Ion: 53 Resp: 99372
Ion Ratio Lower Upper
53 100
52 84.1 41.3 123.7
51 37.3 18.4 55.0





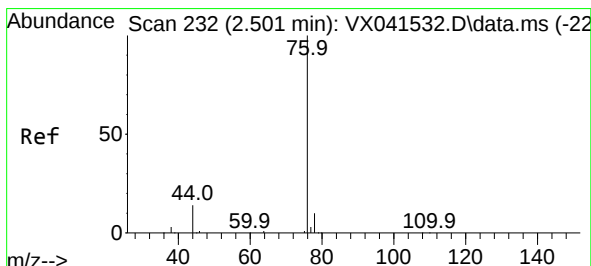
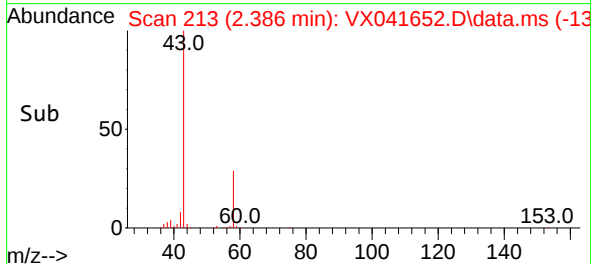
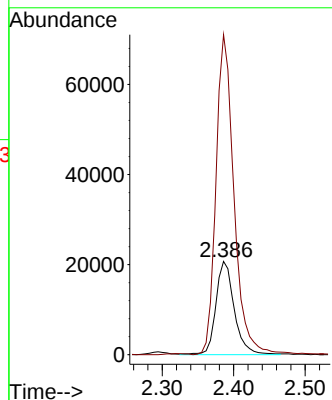
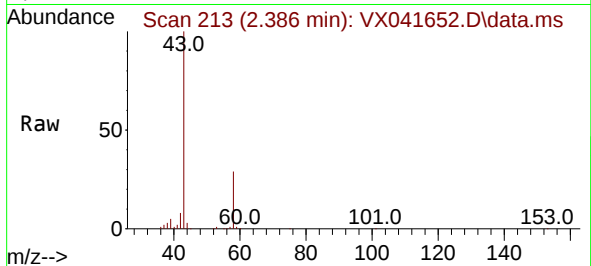
#15
Acetone
Concen: 148.913 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 37044
Ion Ratio Lower Upper
58 100
43 344.2 274.0 411.0

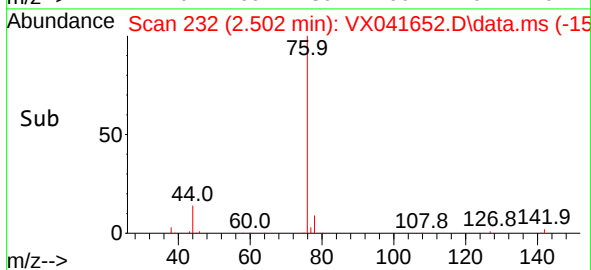
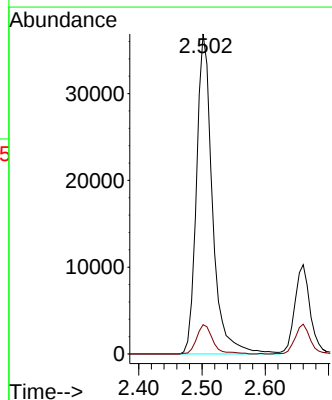
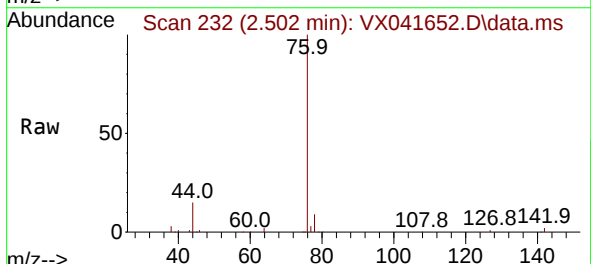
Manual Integrations
APPROVED

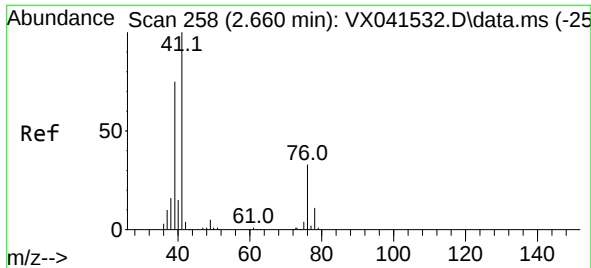
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#16
Carbon Disulfide
Concen: 20.456 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 76 Resp: 64761
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4





#17
 Allyl chloride
 Concen: 21.641 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041652.D
 Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

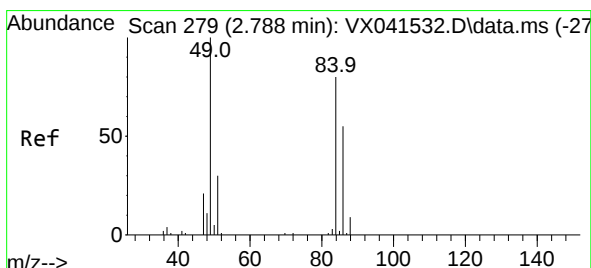
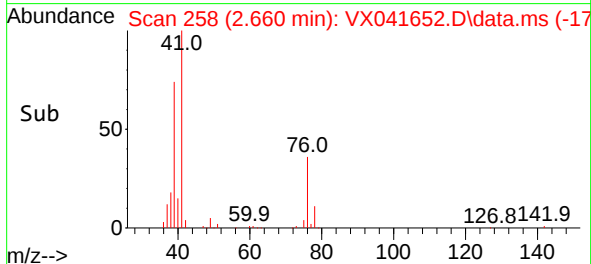
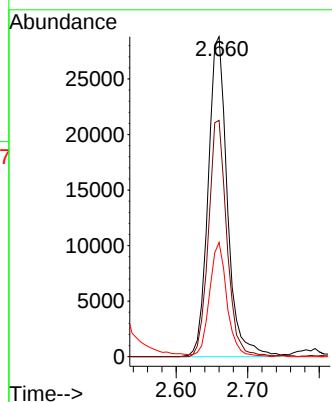
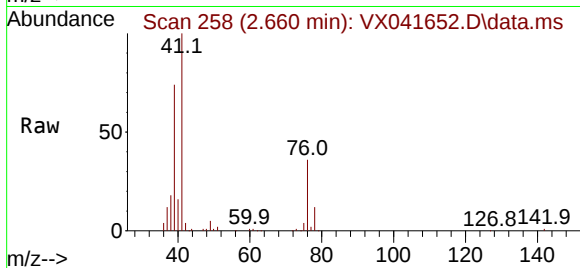
VSTDCCC020

Tgt Ion: 41 Resp: 53850
 Ion Ratio Lower Upper
 41 100
 39 73.9 37.5 112.7
 76 35.5 16.6 49.8

Manual Integrations

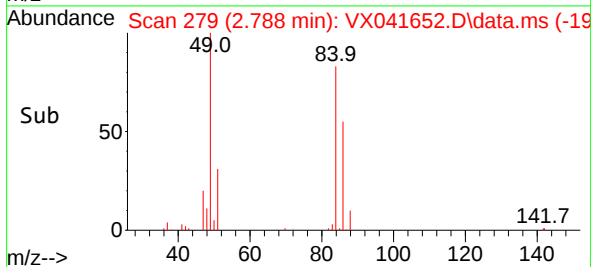
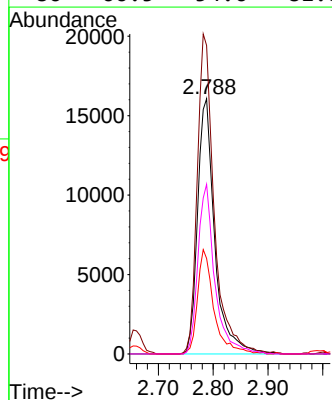
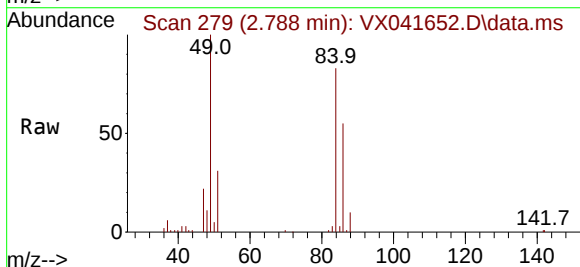
APPROVED

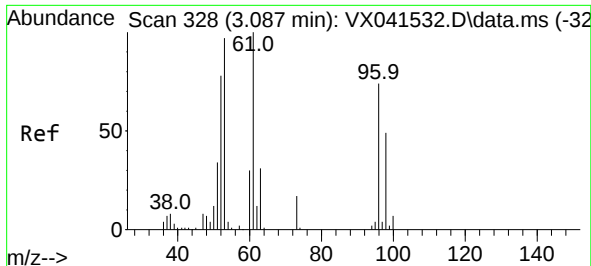
Reviewed By :John Carlone 05/29/2024
 Supervised By :Mahesh Dadoda 05/29/2024



#18
 Methylene Chloride
 Concen: 21.069 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX041652.D
 Acq: 28 May 2024 09:13

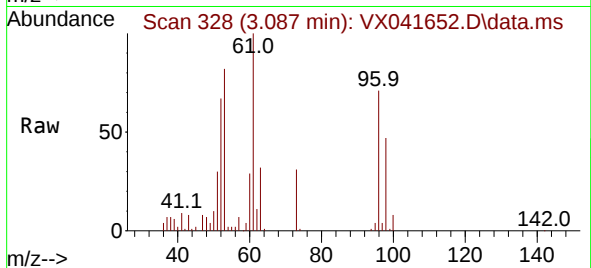
Tgt Ion: 84 Resp: 35137
 Ion Ratio Lower Upper
 84 100
 49 120.9 99.8 149.8
 51 37.4 30.2 45.4
 86 66.5 54.6 81.8





#19
trans-1,2-Dichloroethene
Concen: 19.514 ug/l
RT: 3.087 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

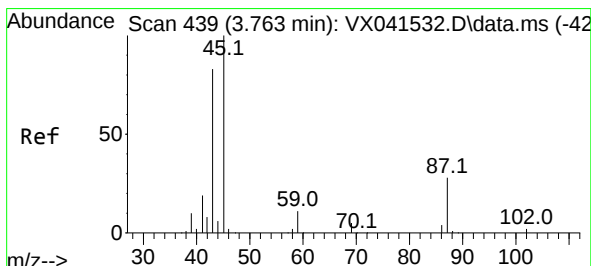
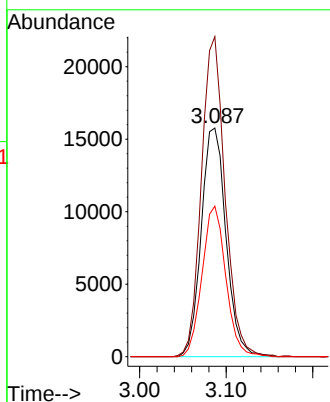
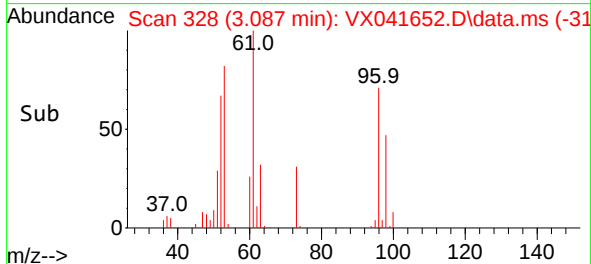
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



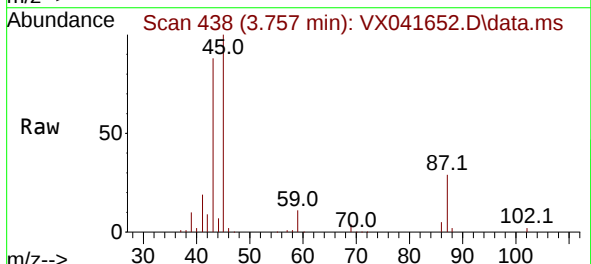
Tgt Ion: 96 Resp: 3137
Ion Ratio Lower Upper
96 100
61 139.9 107.7 161.5
98 65.8 53.1 79.7

Manual Integrations
APPROVED

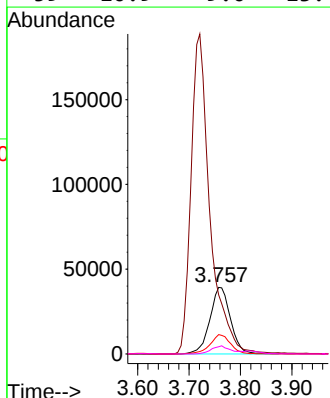
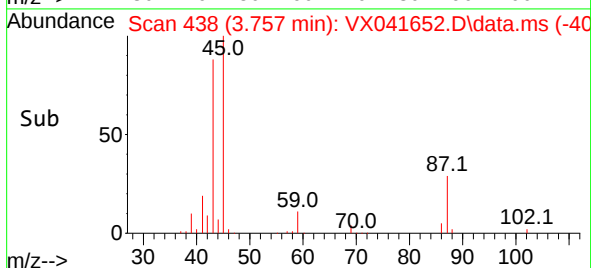
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

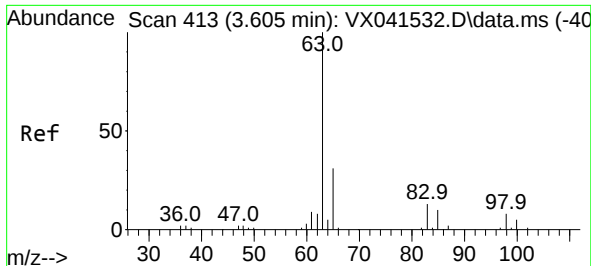


#20
Diisopropyl ether
Concen: 20.905 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



Tgt Ion: 45 Resp: 109292
Ion Ratio Lower Upper
45 100
43 86.7 66.7 100.1
87 29.2 22.4 33.6
59 10.9 9.0 13.4





#21

1,1-Dichloroethane

Concen: 20.628 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

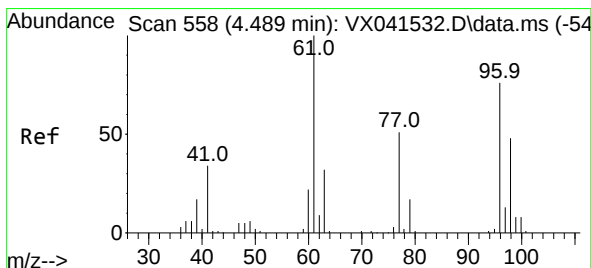
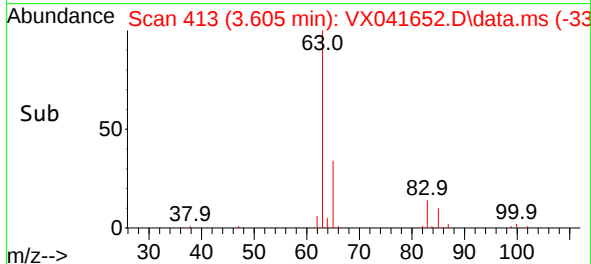
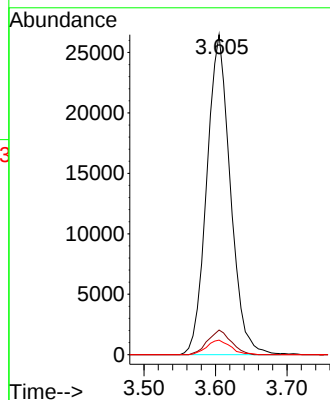
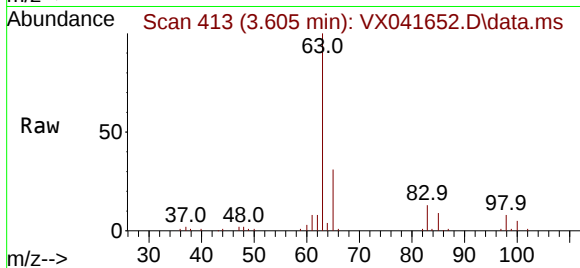
Tgt Ion:	63	Resp:	60520
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.8	11.4
100	4.5	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#22

cis-1,2-Dichloroethene

Concen: 20.143 ug/l

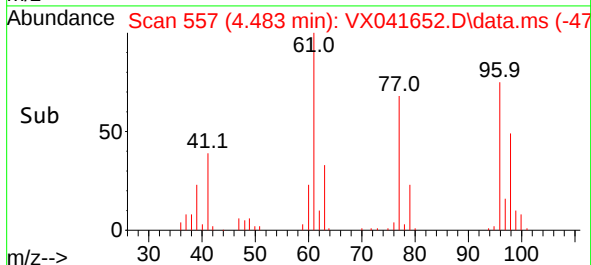
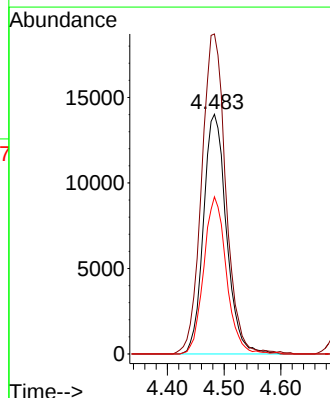
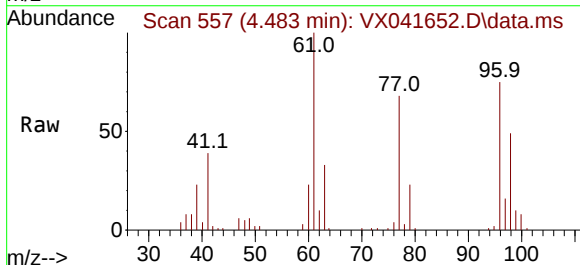
RT: 4.483 min Scan# 557

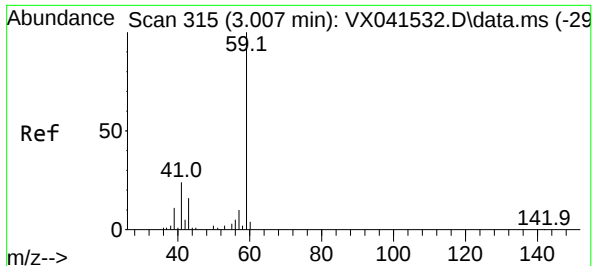
Delta R.T. -0.006 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Tgt Ion:	96	Resp:	39355
Ion	Ratio	Lower	Upper
96	100		
61	140.0	114.2	171.4
98	64.7	52.6	79.0





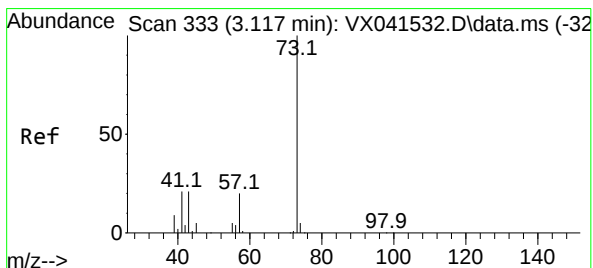
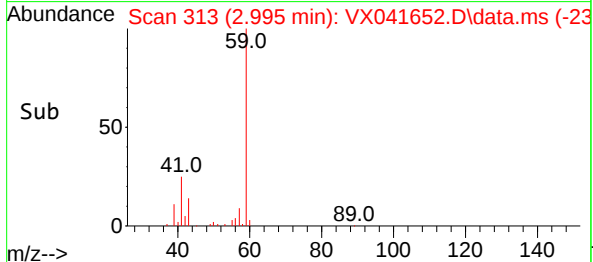
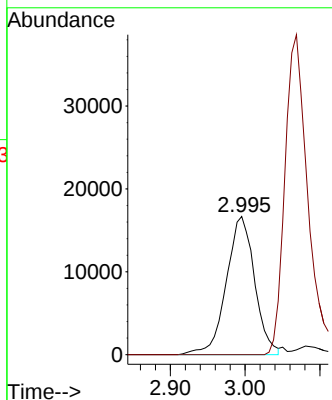
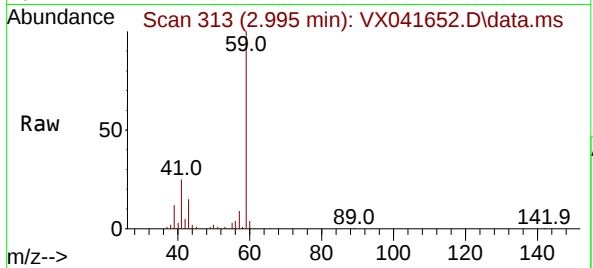
#23
tert-Butyl Alcohol
Concen: 111.572 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 43960
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

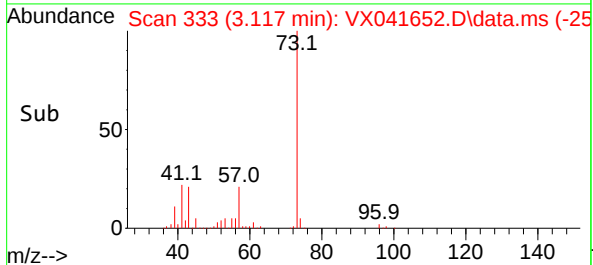
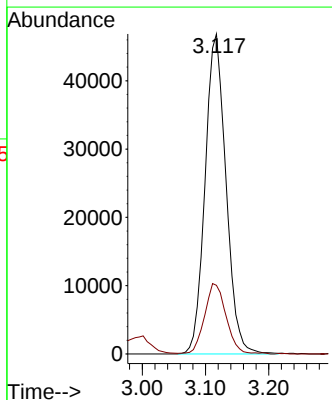
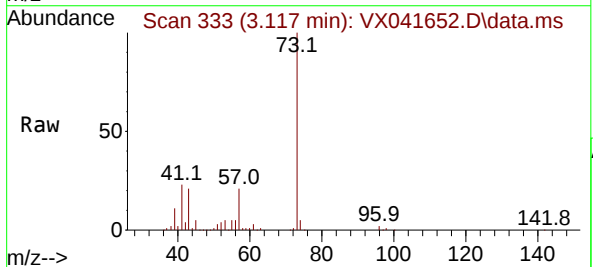
Manual Integrations
APPROVED

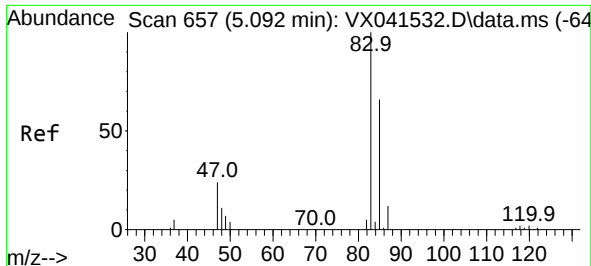
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#24
Methyl tert-Butyl Ether
Concen: 20.537 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 73 Resp: 107506
Ion Ratio Lower Upper
73 100
43 22.7 17.2 25.8





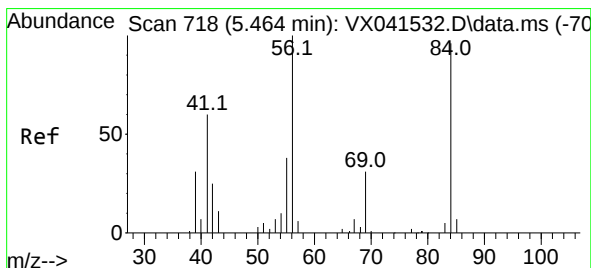
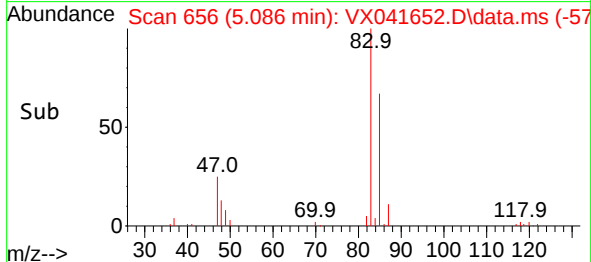
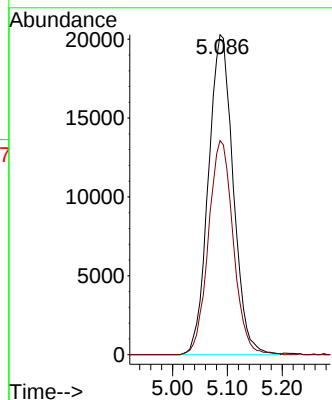
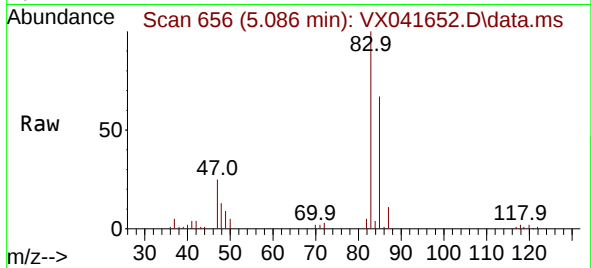
#25
Chloroform
Concen: 20.351 ug/l
RT: 5.086 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6361
Ion Ratio Lower Upper
83 100
85 66.9 52.9 79.3

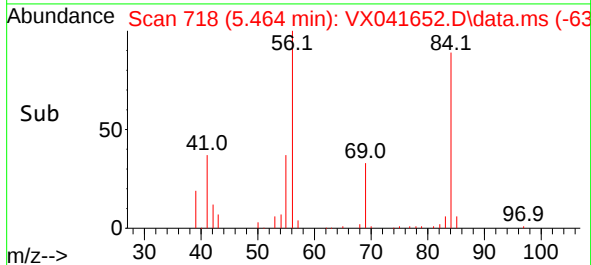
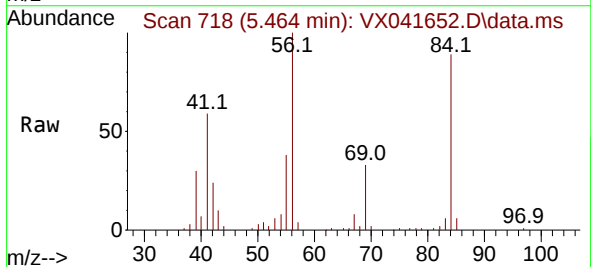
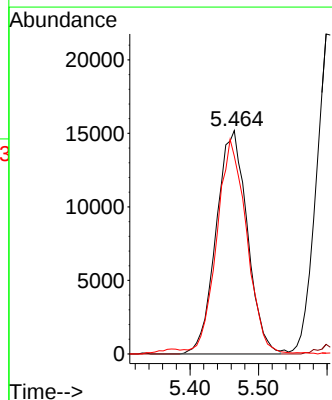
Manual Integrations
APPROVED

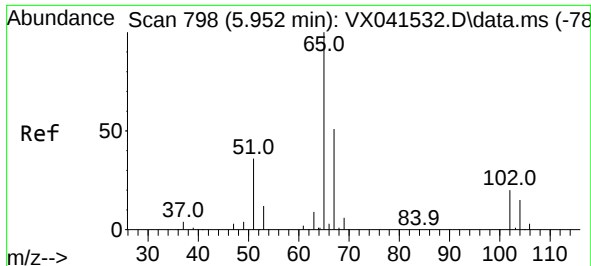
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#26
Cyclohexane
Concen: 19.576 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 56 Resp: 47899
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.2 74.0 111.0





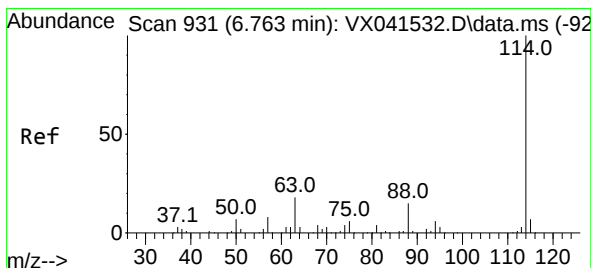
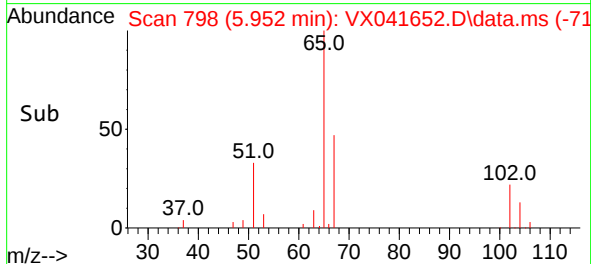
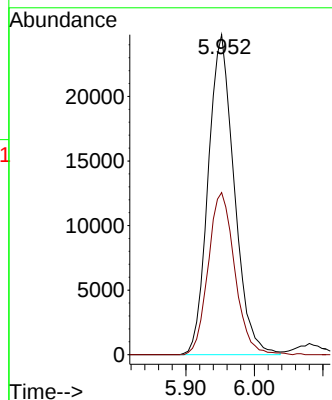
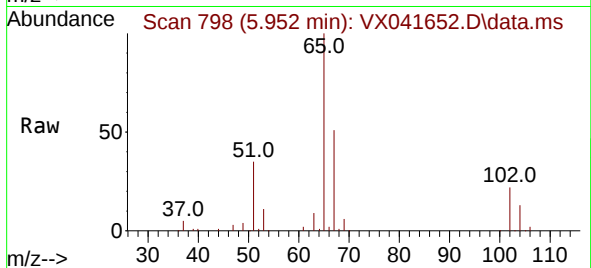
#27
1,2-Dichloroethane-d4
Concen: 30.319 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 65435
Ion Ratio Lower Upper
65 100
67 51.7 40.8 61.2

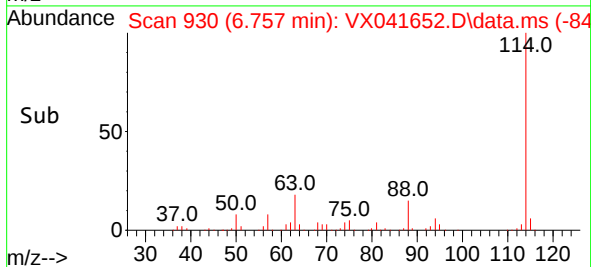
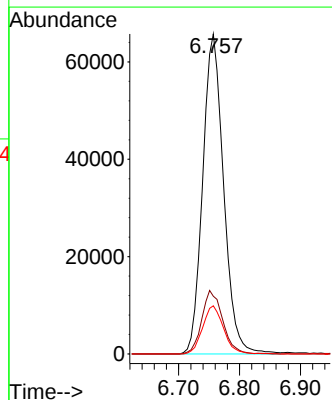
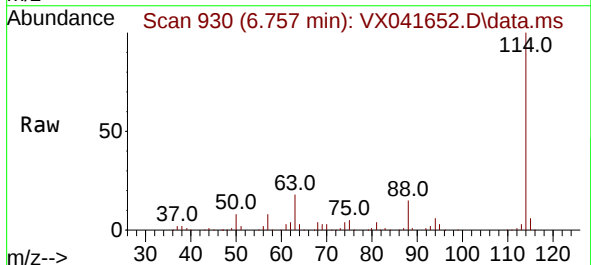
Manual Integrations
APPROVED

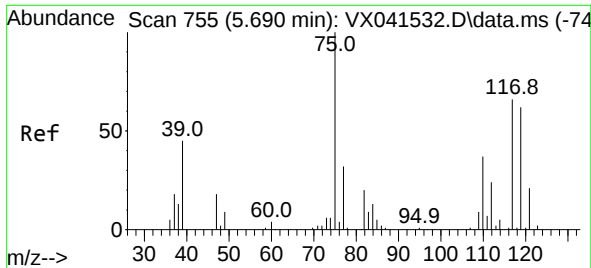
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion:114 Resp: 156904
Ion Ratio Lower Upper
114 100
63 19.7 15.4 23.0
88 15.0 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.933 ug/l
RT: 5.684 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

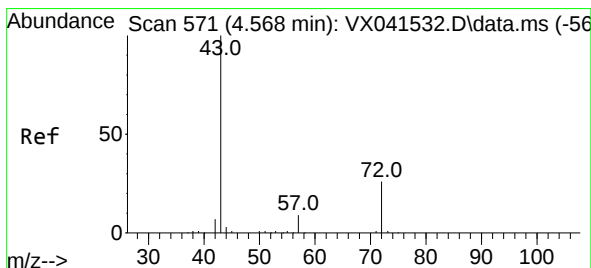
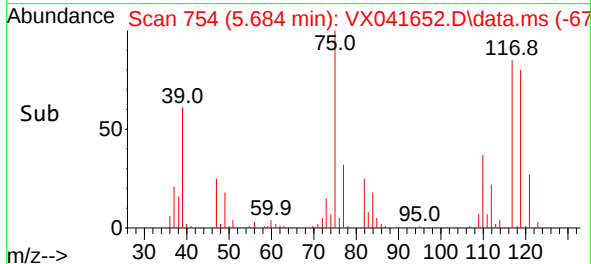
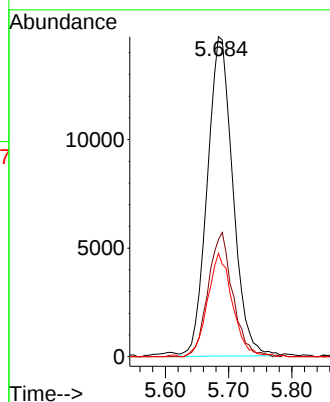
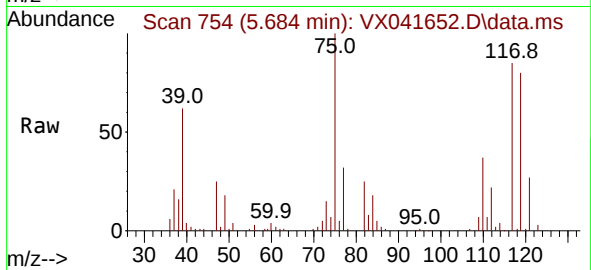
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4137
Ion Ratio Lower Upper
75 100
110 36.9 0.0 74.4
77 31.3 0.0 62.6

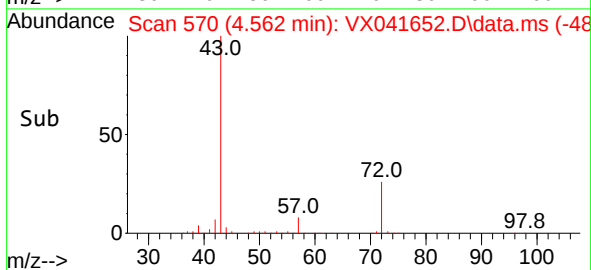
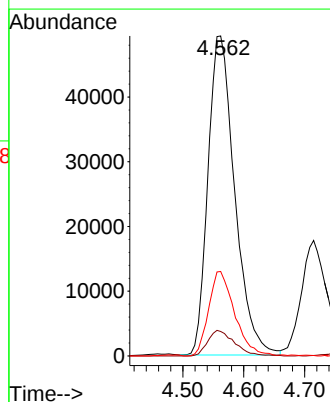
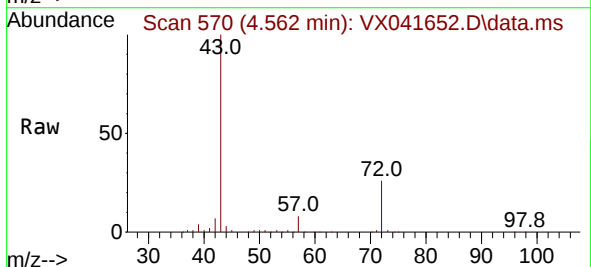
Manual Integrations
APPROVED

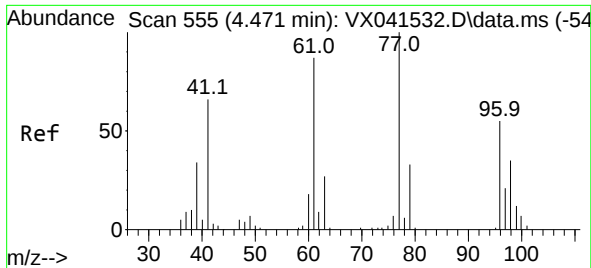
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#30
2-Butanone
Concen: 109.042 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 43 Resp: 150222
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.7 20.7 31.1





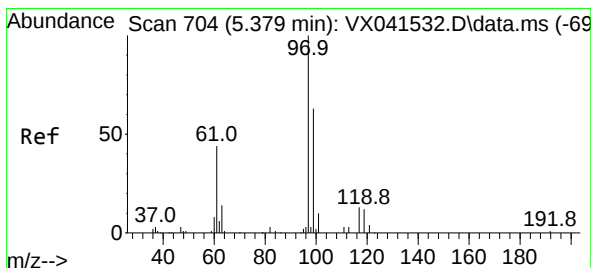
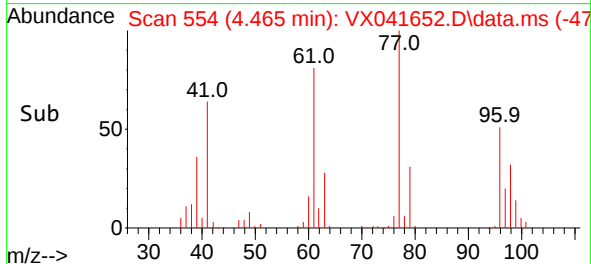
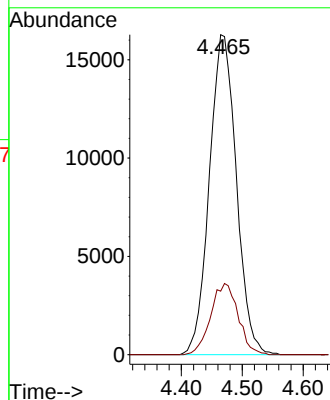
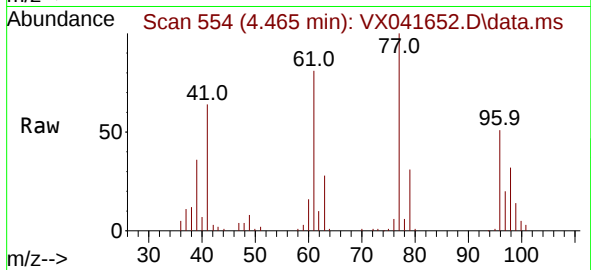
#31
2,2-Dichloropropane
Concen: 20.559 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 5008
Ion Ratio Lower Upper
77 100
97 22.6 18.0 27.0

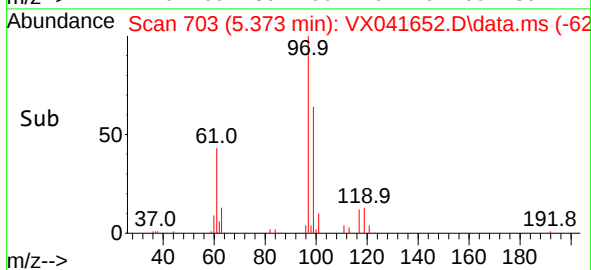
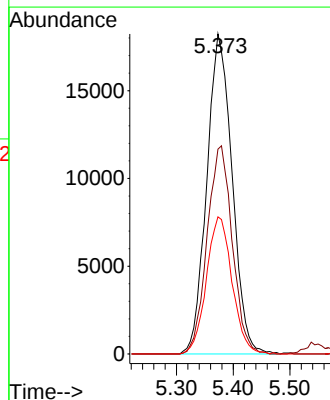
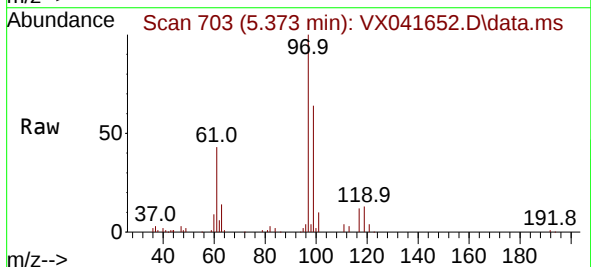
Manual Integrations
APPROVED

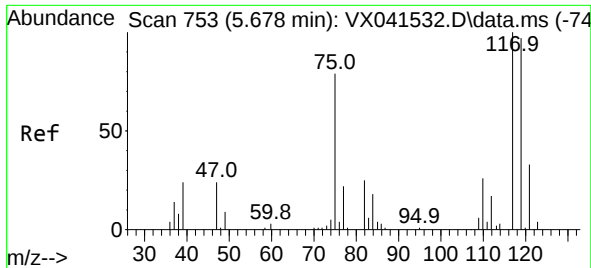
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#32
1,1,1-Trichloroethane
Concen: 20.361 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

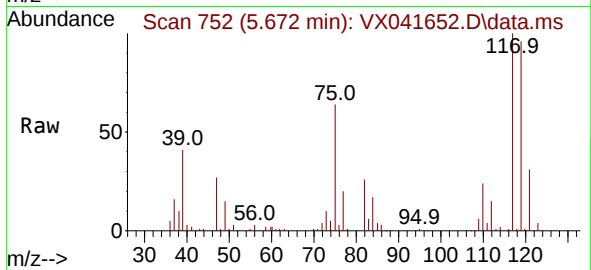
Tgt Ion: 97 Resp: 56704
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.000 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

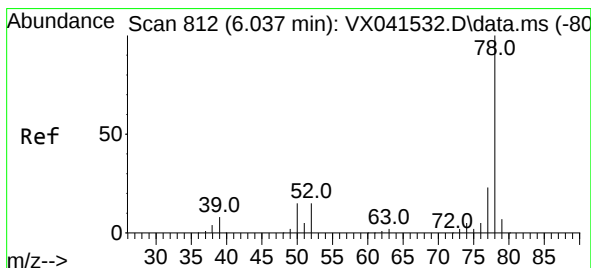
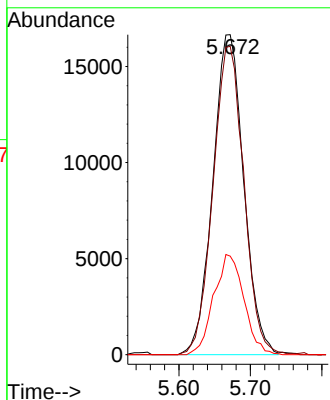
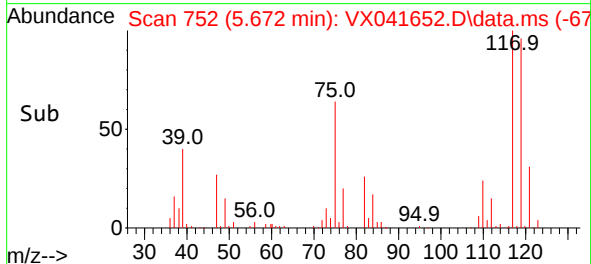
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



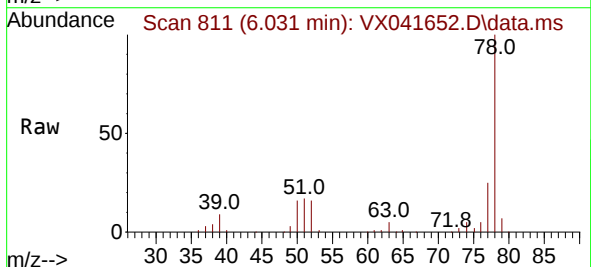
Tgt Ion:117 Resp: 50040
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 30.8 26.4 39.6

Manual Integrations
APPROVED

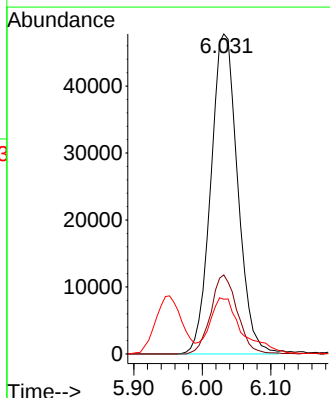
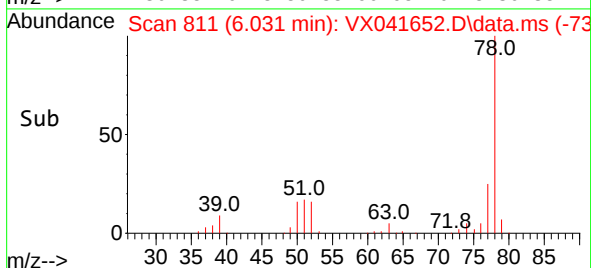
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

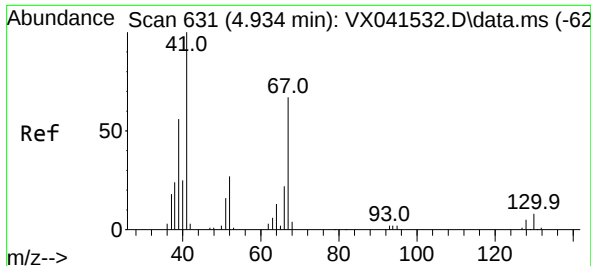


#34
Benzene
Concen: 19.848 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



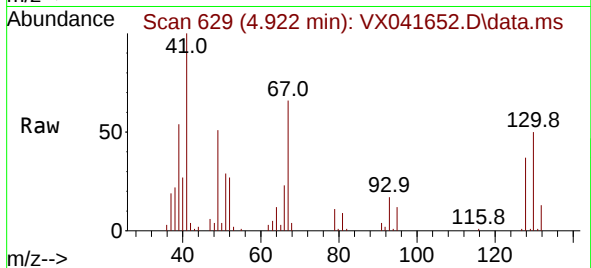
Tgt Ion: 78 Resp: 130105
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0
51 16.0 12.4 18.6





#35
Methacrylonitrile
Concen: 20.887 ug/l
RT: 4.922 min Scan# 612
Delta R.T. -0.012 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

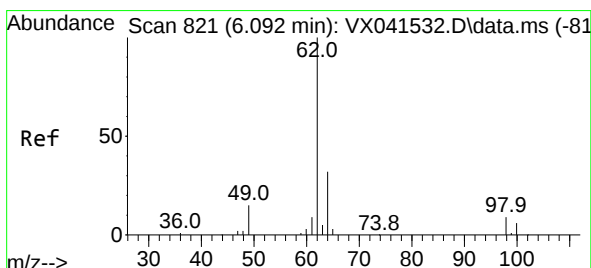
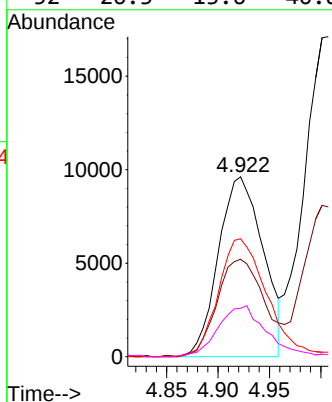
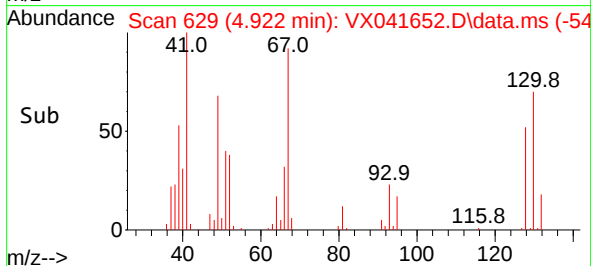
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 2902
Ion Ratio Lower Upper
41 100
39 54.2 28.1 84.4
67 65.6 33.7 101.1
52 26.3 13.6 40.8

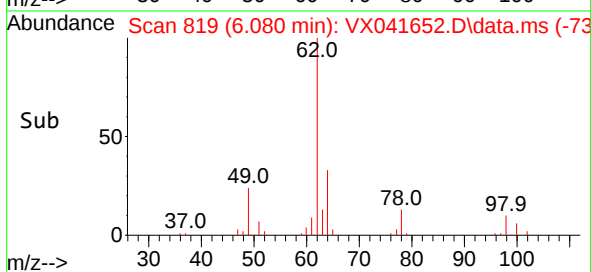
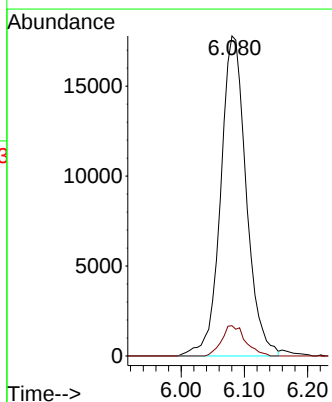
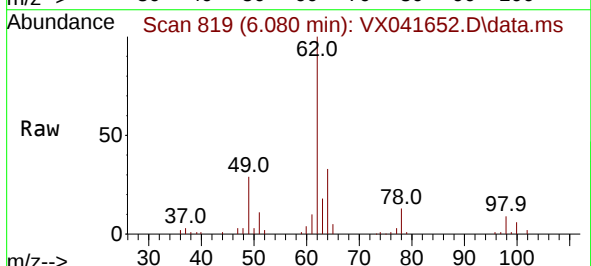
Manual Integrations
APPROVED

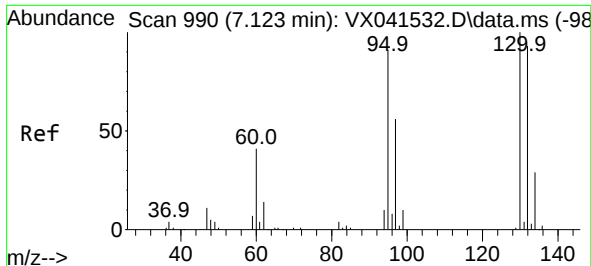
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#36
1,2-Dichloroethane
Concen: 20.385 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

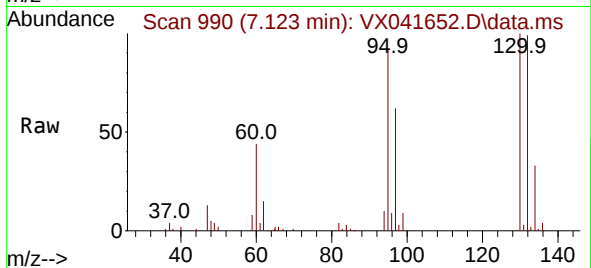
Tgt Ion: 62 Resp: 49864
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#37
Trichloroethene
Concen: 19.212 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

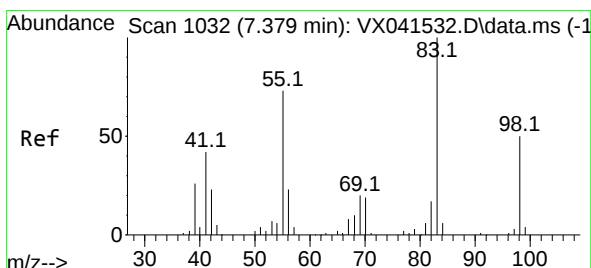
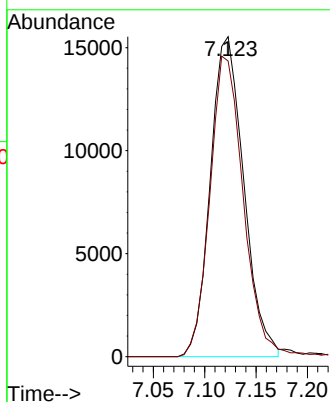
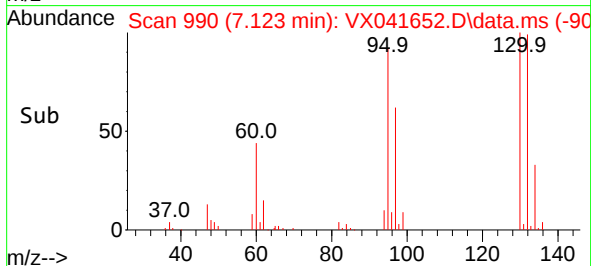
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



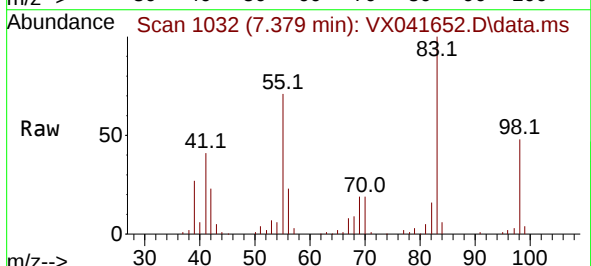
Tgt Ion:130 Resp: 3508
Ion Ratio Lower Upper
130 100
95 92.4 72.6 108.8

Manual Integrations
APPROVED

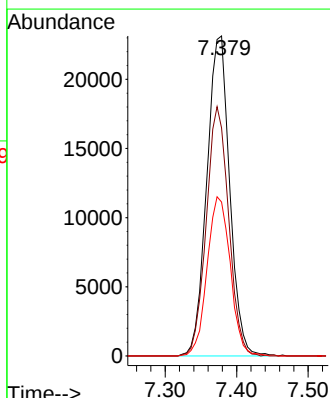
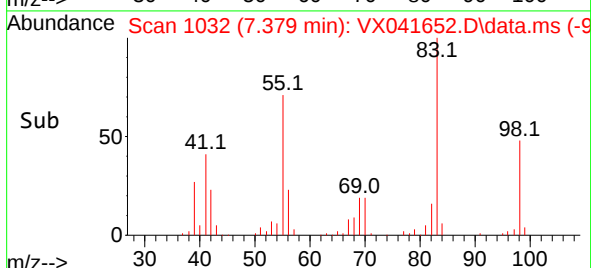
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

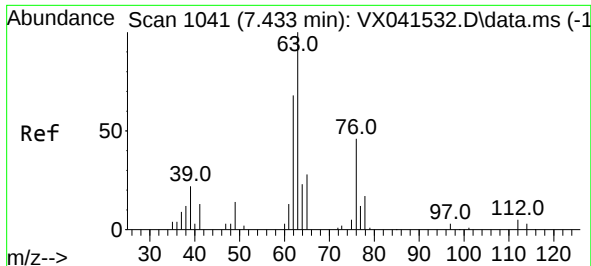


#38
Methylcyclohexane
Concen: 19.506 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



Tgt Ion: 83 Resp: 51405
Ion Ratio Lower Upper
83 100
55 76.2 37.7 113.1
98 50.5 25.1 75.3





#39

1,2-Dichloropropane

Concen: 21.047 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 3261

Ion Ratio Lower Upper

63 100

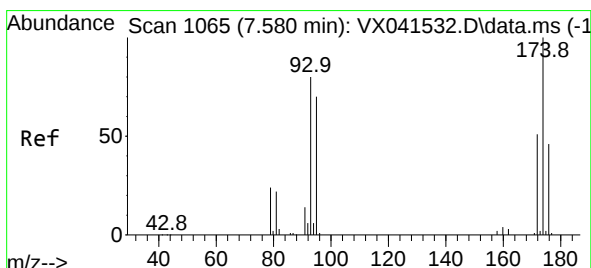
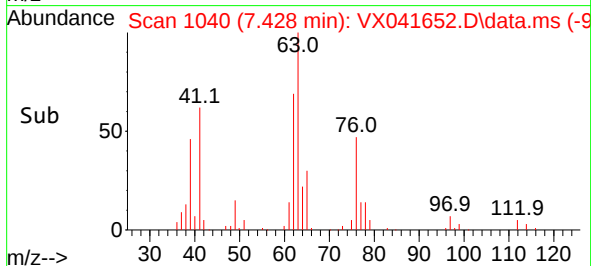
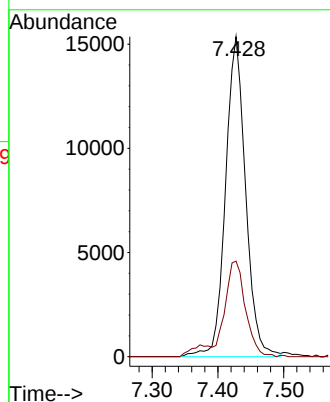
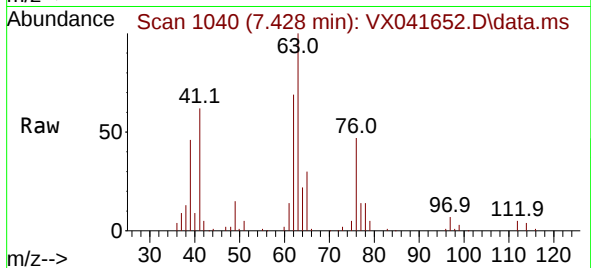
65 29.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#40

Dibromomethane

Concen: 20.310 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

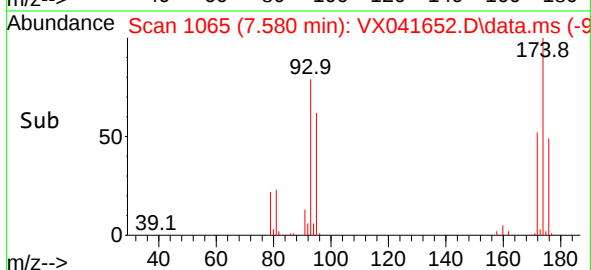
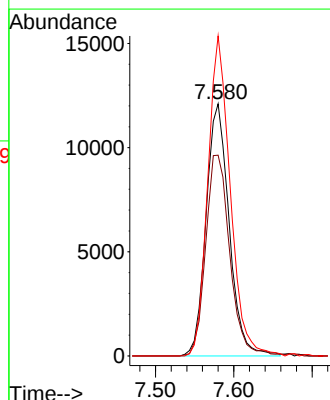
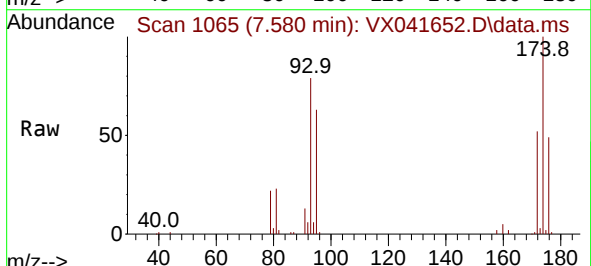
Tgt Ion: 93 Resp: 24768

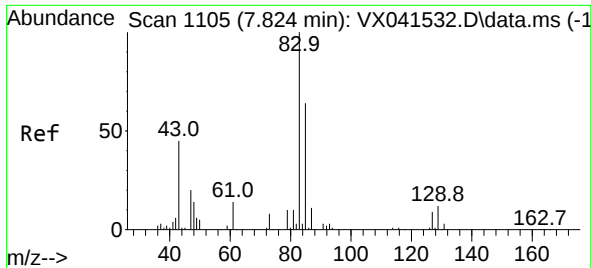
Ion Ratio Lower Upper

93 100

95 81.9 0.0 168.6

174 123.3 0.0 249.8





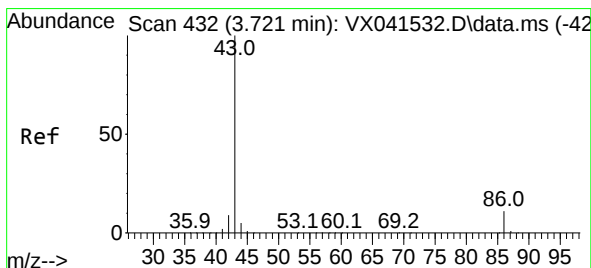
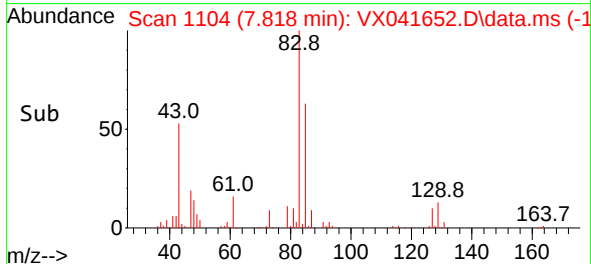
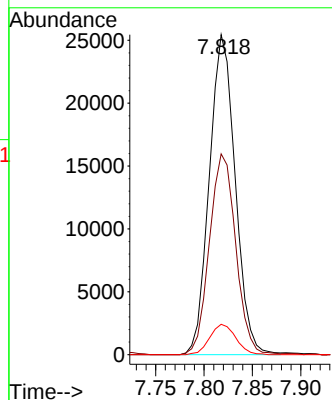
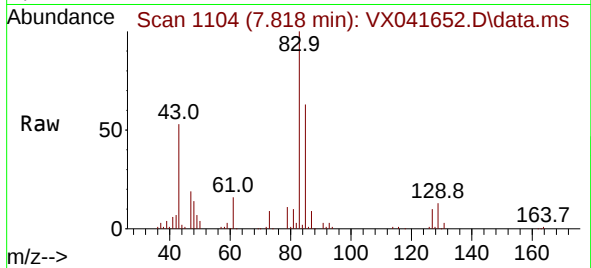
#41
Bromodichloromethane
Concen: 20.682 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4735
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.4
127 9.5 7.1 10.7

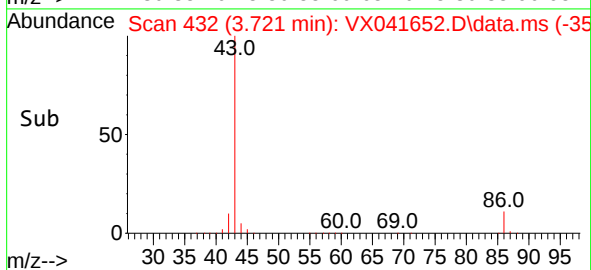
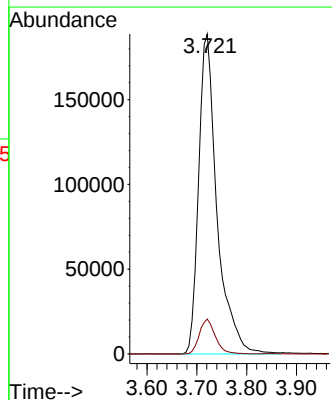
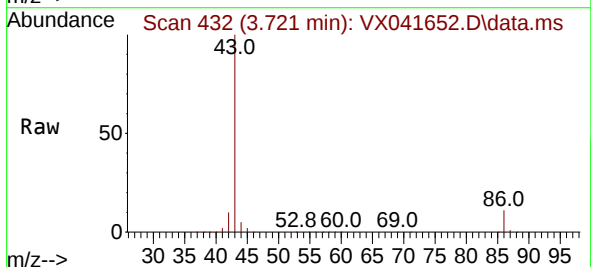
Manual Integrations
APPROVED

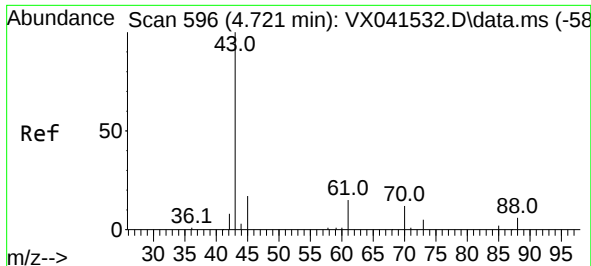
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#42
Vinyl Acetate
Concen: 101.045 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

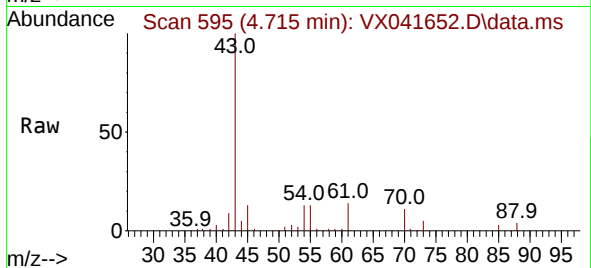
Tgt Ion: 43 Resp: 482978
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





#43
Ethyl Acetate
Concen: 19.824 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

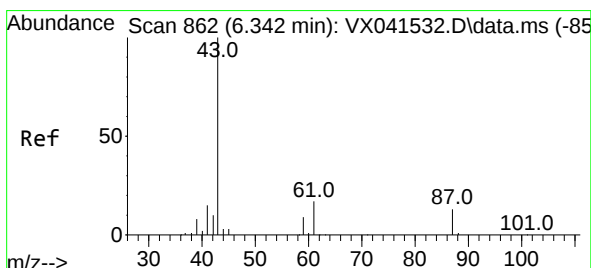
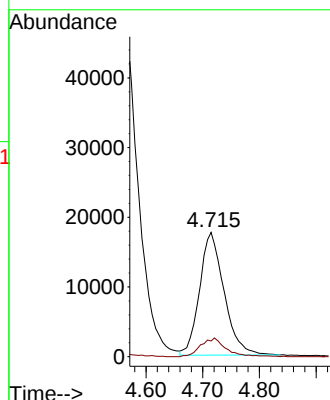
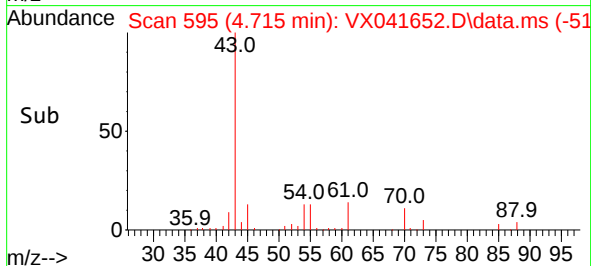
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



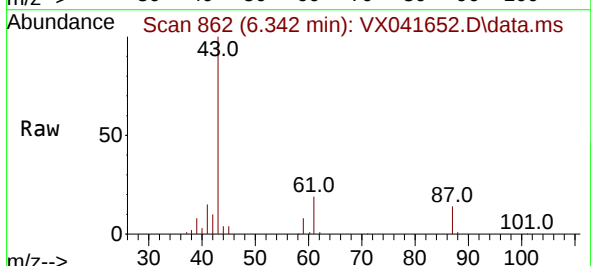
Tgt Ion: 43 Resp: 5269
Ion Ratio Lower Upper
43 100
45 15.5 11.9 17.9

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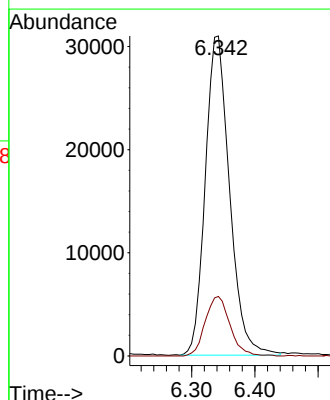
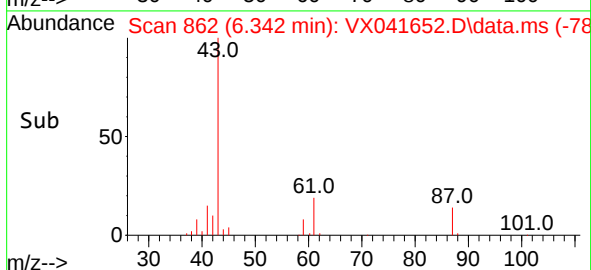
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

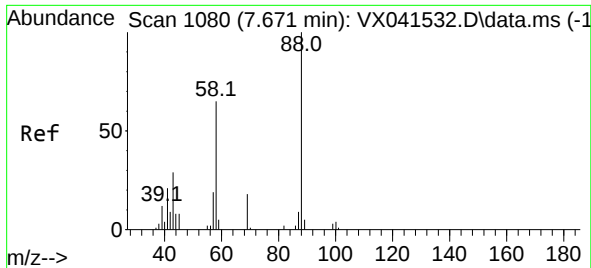


#44
Isopropyl Acetate
Concen: 20.521 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



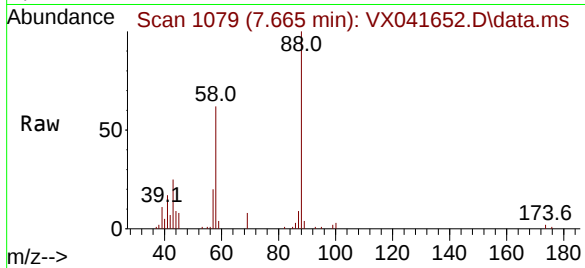
Tgt Ion: 43 Resp: 82459
Ion Ratio Lower Upper
43 100
61 18.9 15.3 22.9





#45
1,4-Dioxane
Concen: 391.983 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

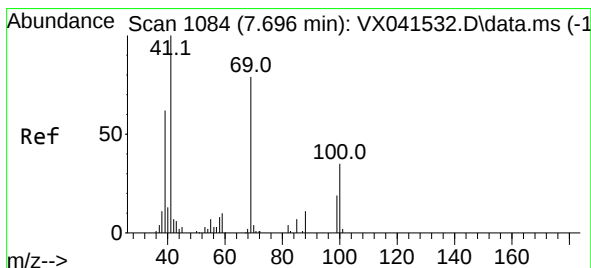
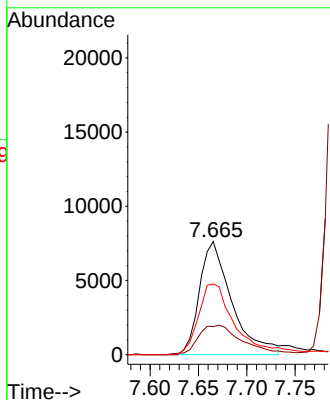
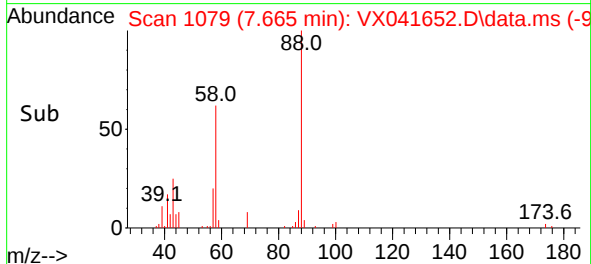
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 1776
Ion Ratio Lower Upper
88 100
43 36.1 24.9 37.3
58 71.1 47.0 70.4

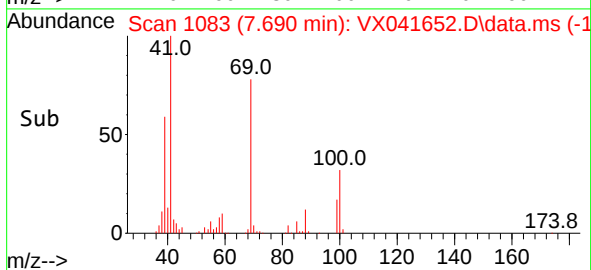
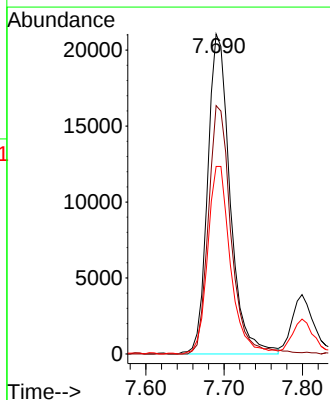
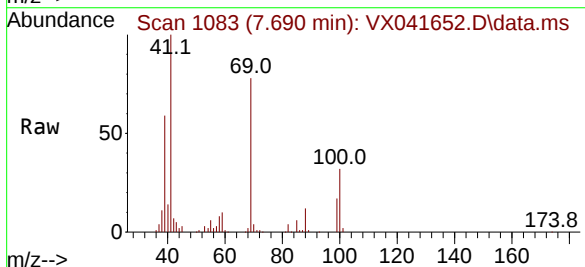
Manual Integrations
APPROVED

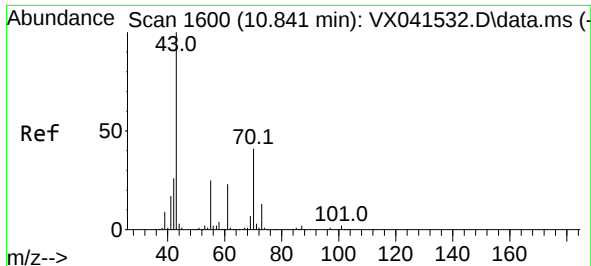
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#46
Methyl methacrylate
Concen: 20.992 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 41 Resp: 41967
Ion Ratio Lower Upper
41 100
69 77.6 39.6 119.0
39 58.6 30.9 92.8





#47

n-amy1 Acetate

Concen: 20.397 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 7432

Ion Ratio Lower Upper

43 100

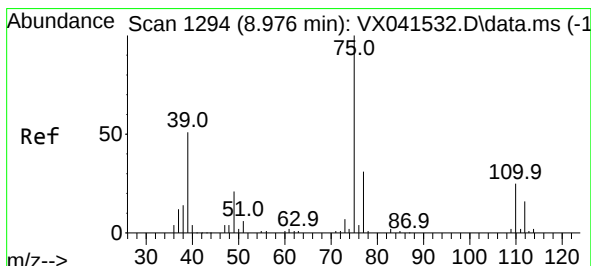
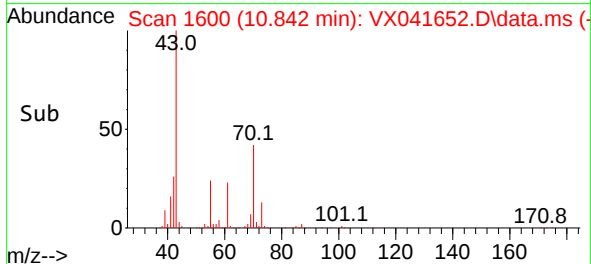
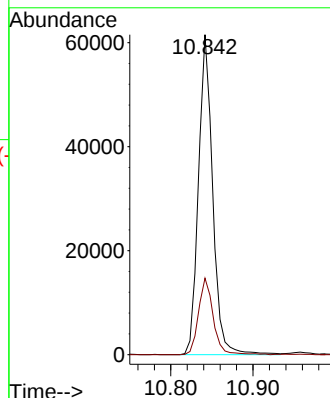
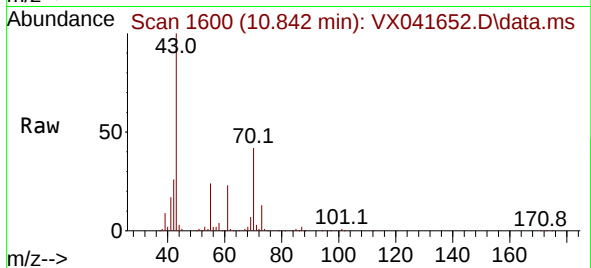
55 24.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#48

t-1,3-Dichloropropene

Concen: 19.733 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041652.D

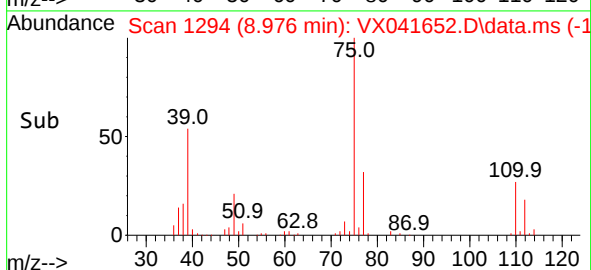
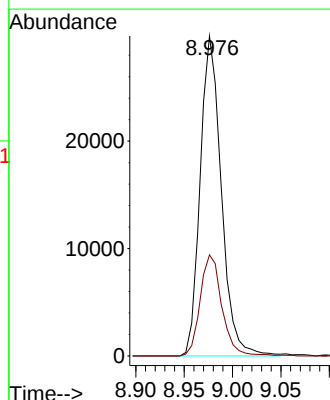
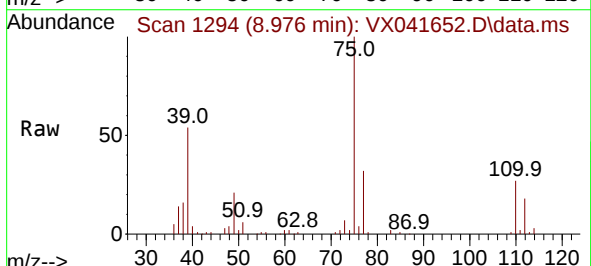
Acq: 28 May 2024 09:13

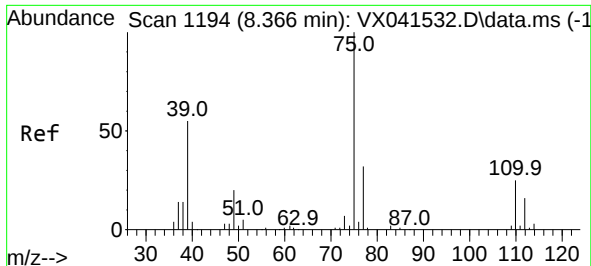
Tgt Ion: 75 Resp: 45370

Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 20.371 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 50730

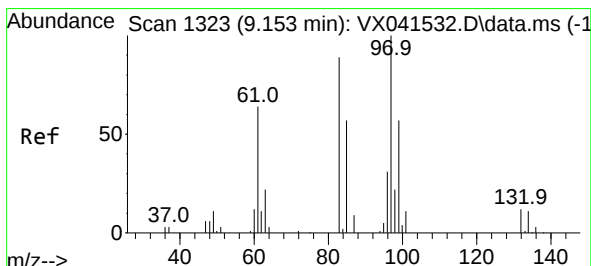
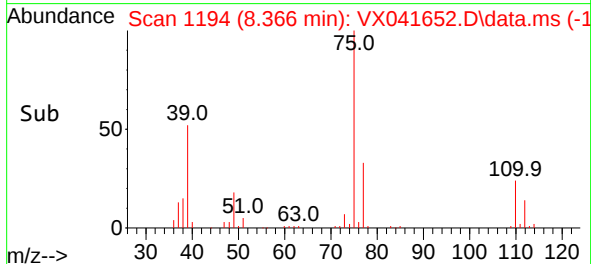
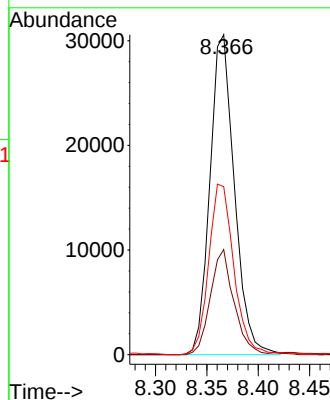
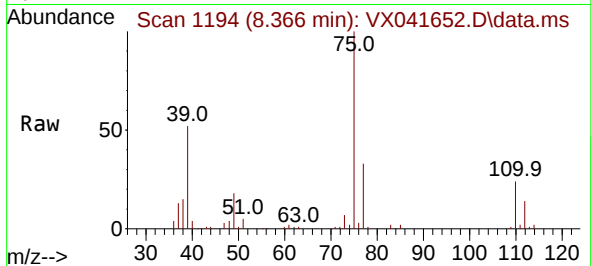
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.8
39	52.5	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#50

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 9.147 min Scan# 1322

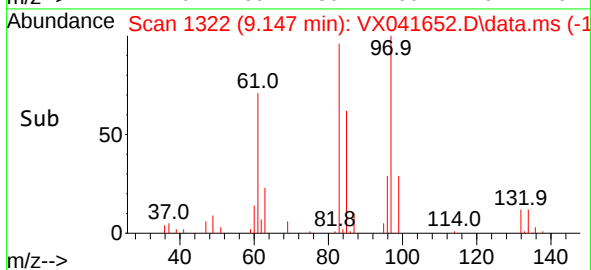
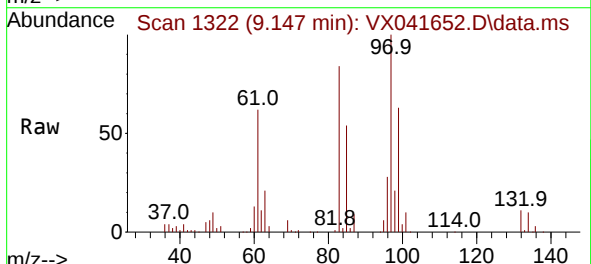
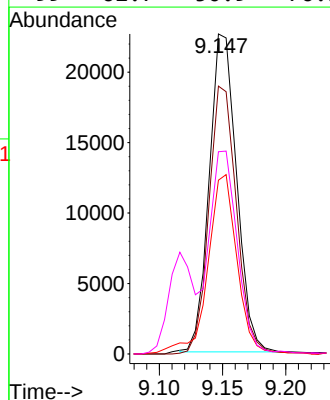
Delta R.T. -0.006 min

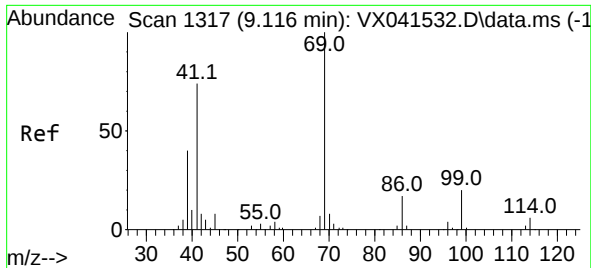
Lab File: VX041652.D

Acq: 28 May 2024 09:13

Tgt Ion: 97 Resp: 34015

Ion	Ratio	Lower	Upper
97	100		
83	84.0	71.3	106.9
85	54.1	45.7	68.5
99	62.7	50.9	76.3





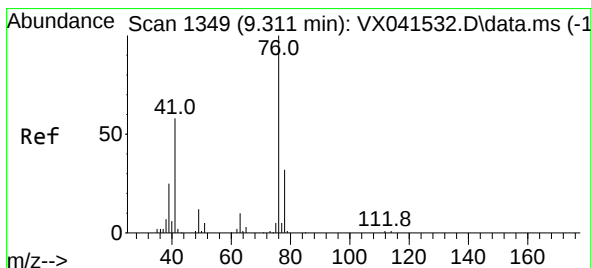
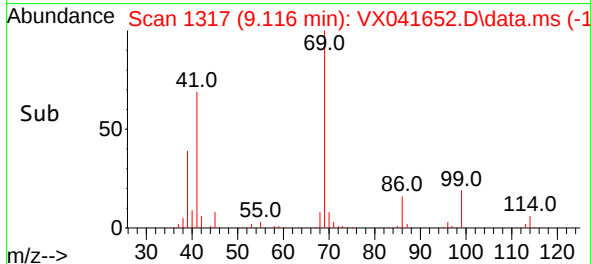
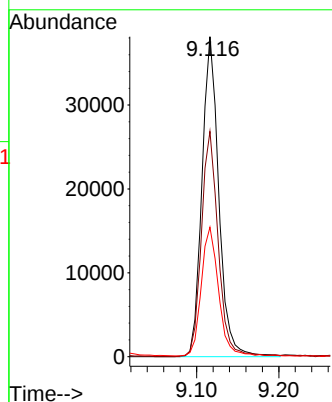
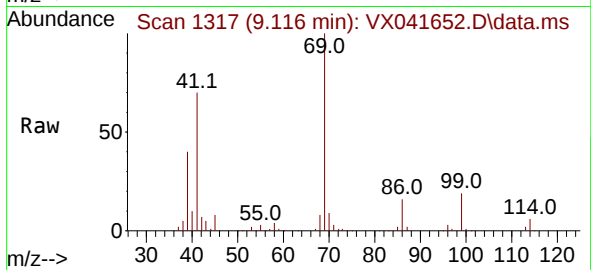
#51
Ethyl methacrylate
Concen: 19.901 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 5434
Ion Ratio Lower Upper
69 100
41 70.2 37.1 111.3
39 40.2 20.2 60.6

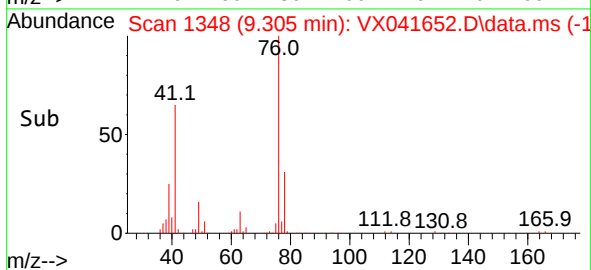
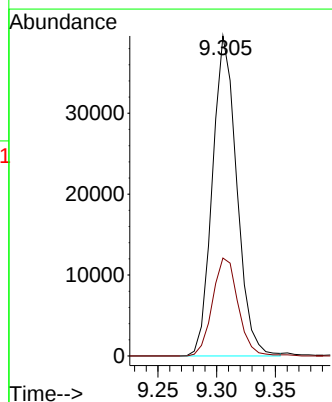
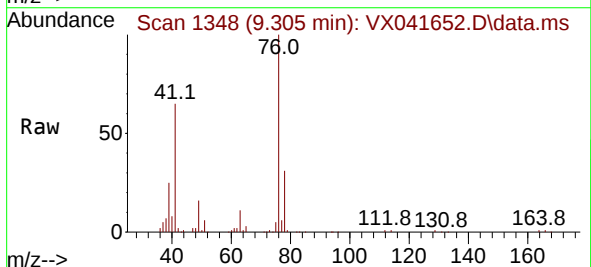
Manual Integrations
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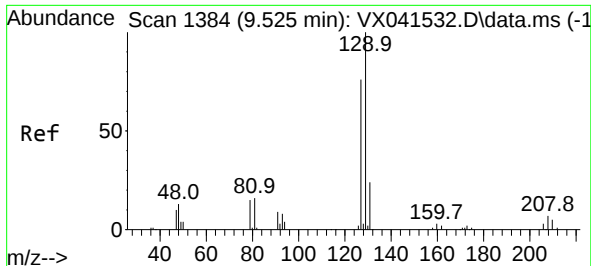
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#52
1,3-Dichloropropane
Concen: 20.383 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 76 Resp: 57139
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.4





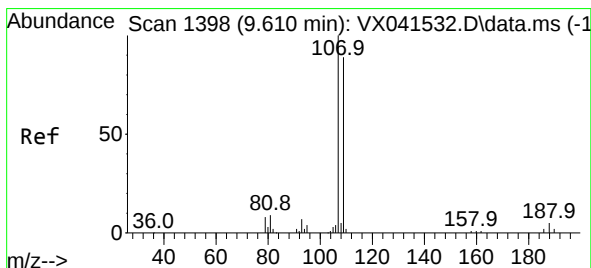
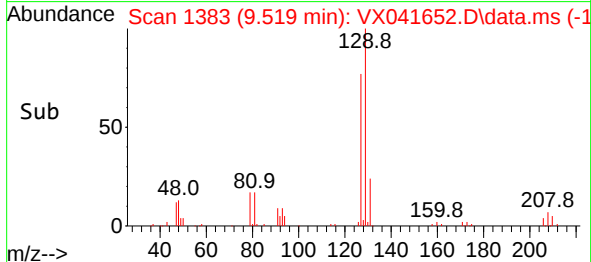
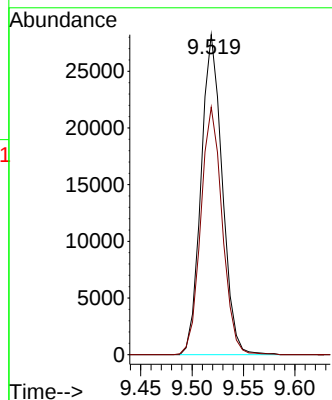
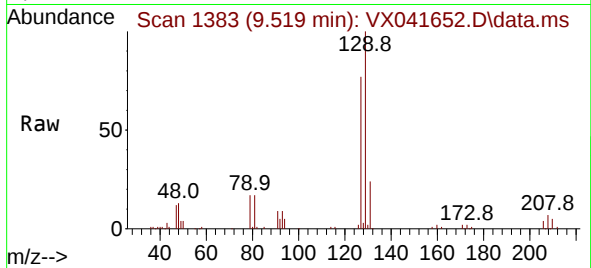
#53
Dibromochloromethane
Concen: 20.984 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 4050
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

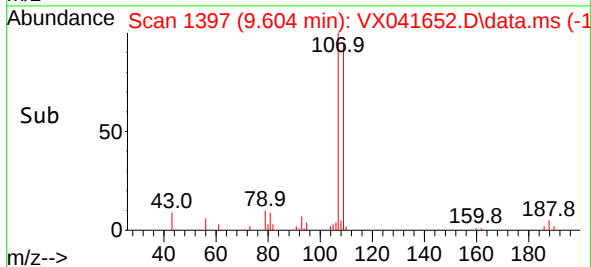
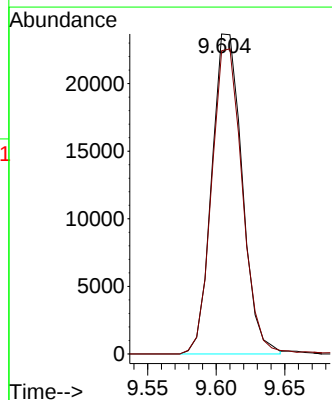
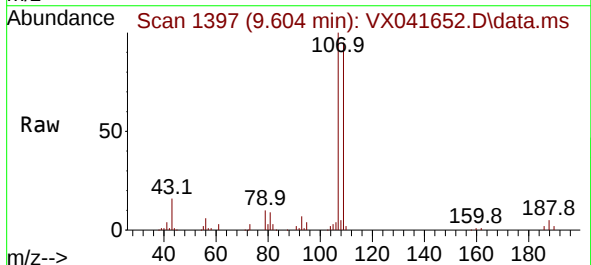
Manual Integrations
APPROVED

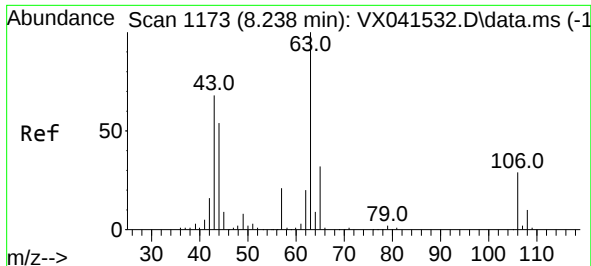
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#54
1,2-Dibromoethane
Concen: 20.257 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion:107 Resp: 36442
Ion Ratio Lower Upper
107 100
109 96.4 75.3 112.9





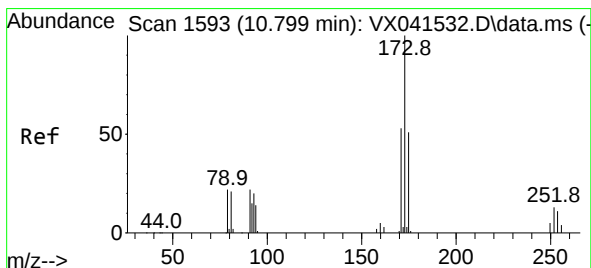
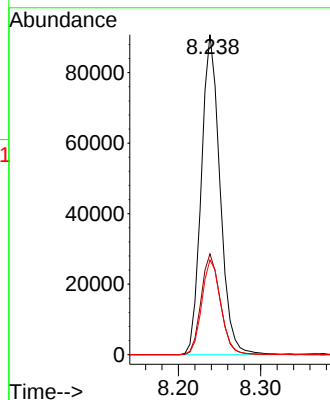
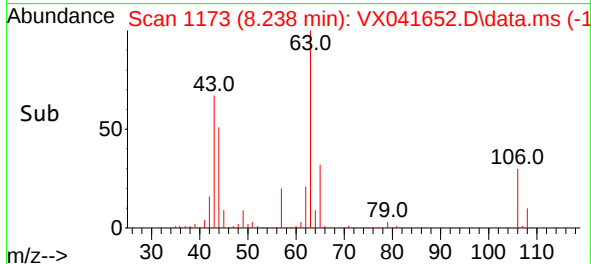
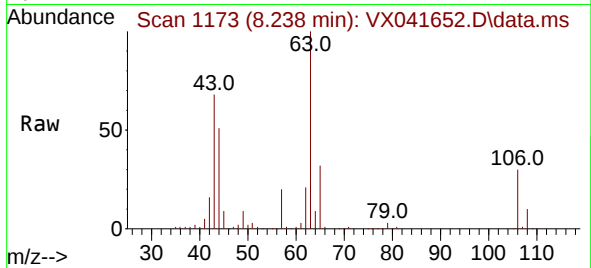
#55
2-Chloroethyl vinyl ether
Concen: 107.563 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 143364
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 30.1 24.7 37.1

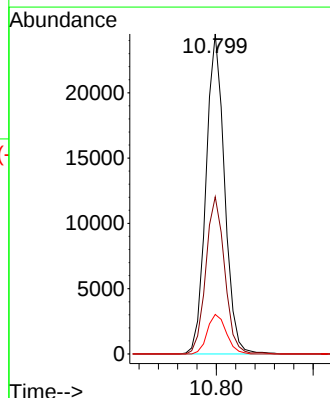
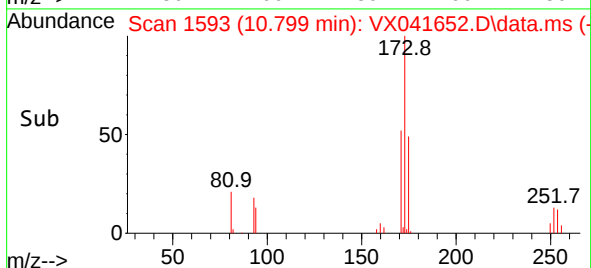
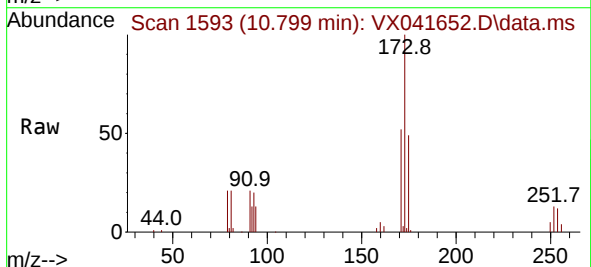
Manual Integrations
APPROVED

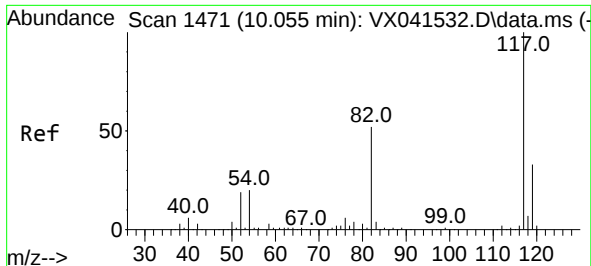
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#56
Bromoform
Concen: 21.123 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

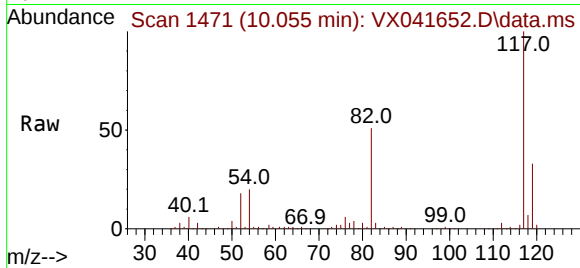
Tgt Ion:173 Resp: 32666
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.6
254 12.7 10.3 15.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

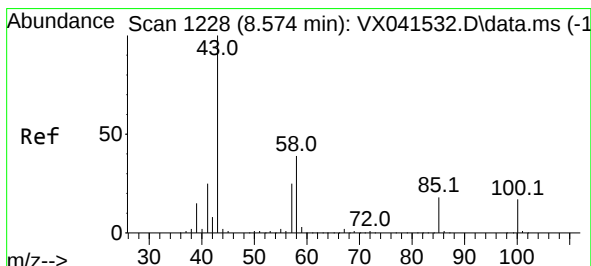
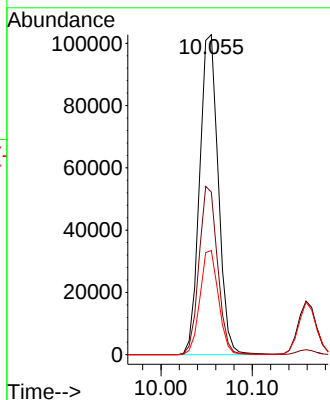
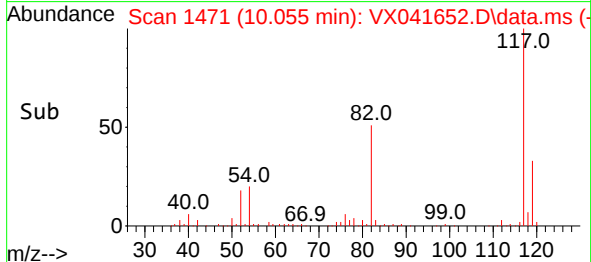
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 145511
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.4 25.7 38.5

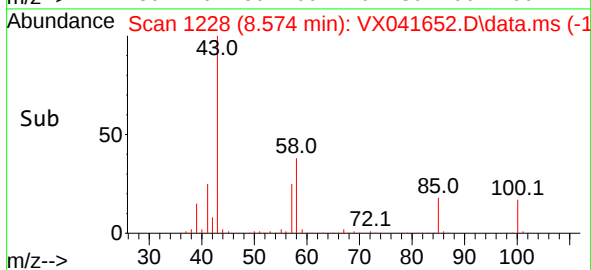
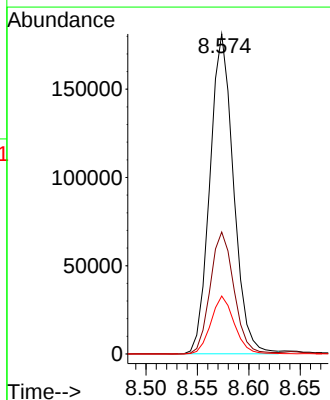
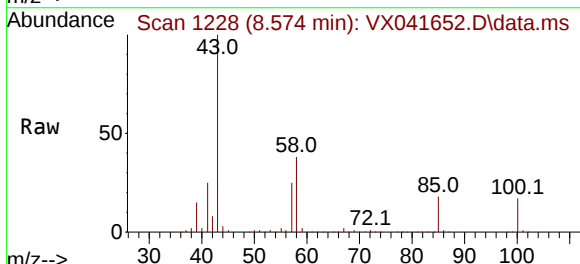
Manual Integrations
APPROVED

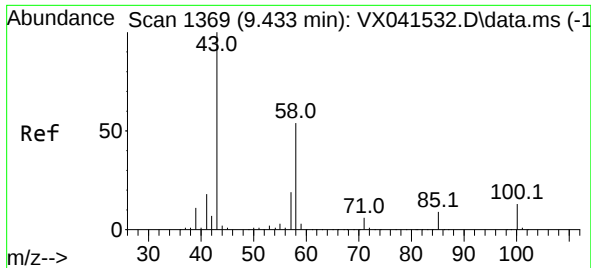
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#58
4-Methyl-2-Pentanone
Concen: 109.223 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

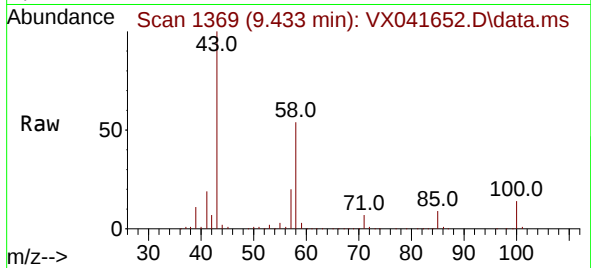
Tgt Ion: 43 Resp: 290396
Ion Ratio Lower Upper
43 100
58 38.3 30.2 45.4
85 18.0 14.6 21.8





#59
2-Hexanone
Concen: 108.507 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

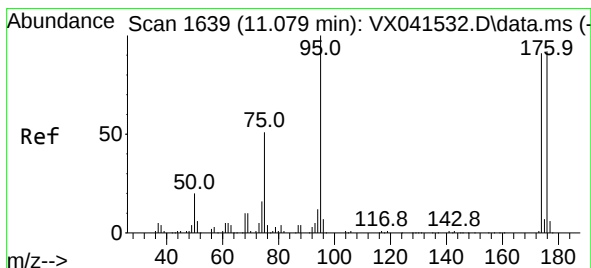
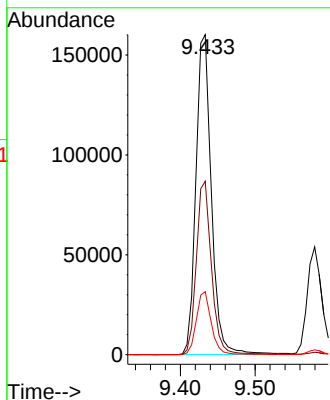
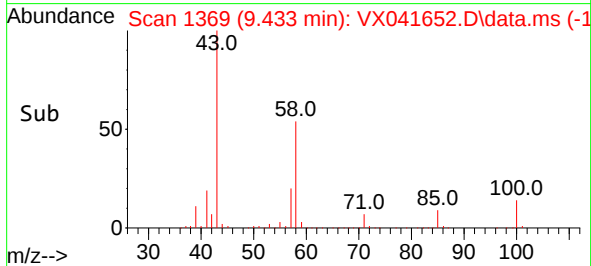
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 229820
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 19.1 15.1 22.7

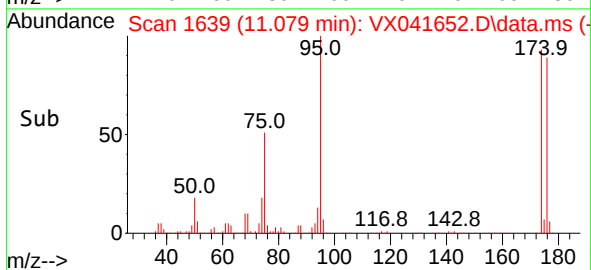
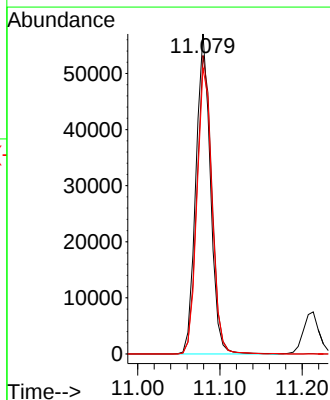
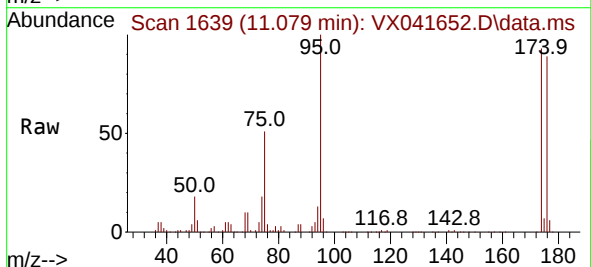
Manual Integrations
APPROVED

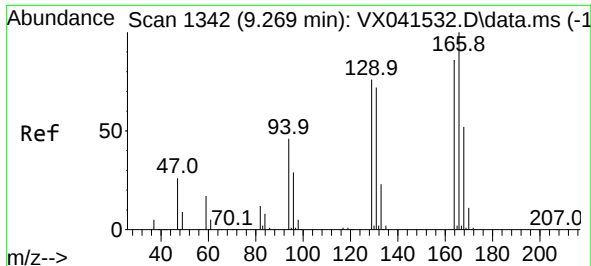
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#60
4-Bromofluorobenzene
Concen: 30.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

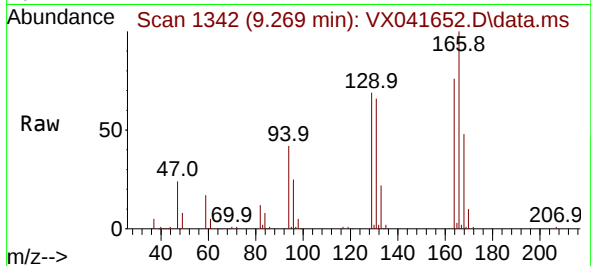
Tgt Ion: 95 Resp: 69989
Ion Ratio Lower Upper
95 100
174 96.6 76.6 115.0
176 92.6 75.4 113.0





#61
Tetrachloroethene
Concen: 19.630 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

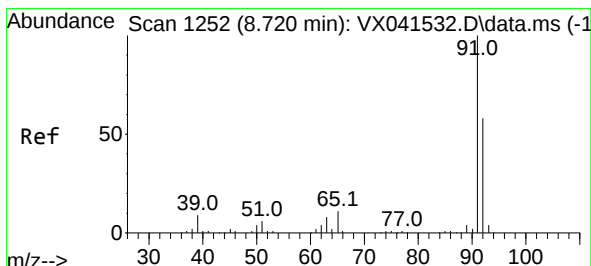
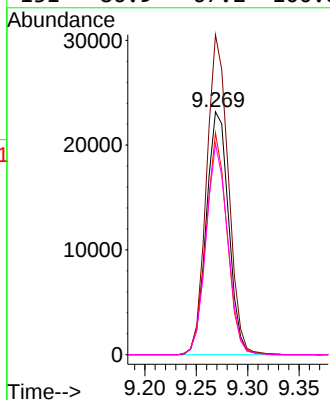
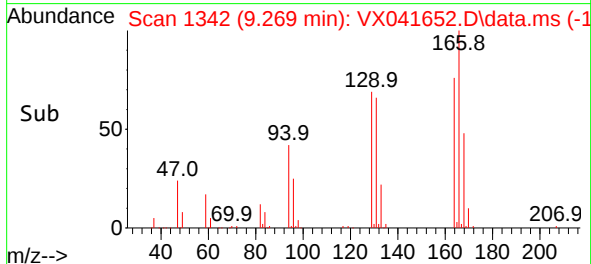
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



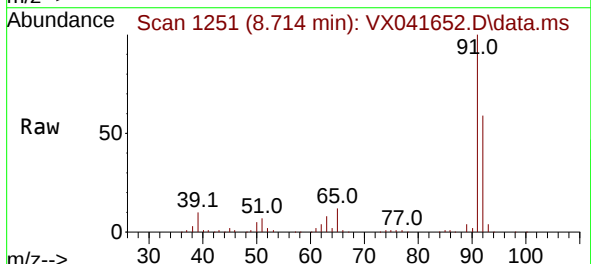
Tgt Ion:164 Resp: 34948
Ion Ratio Lower Upper
164 100
166 131.7 92.8 139.2
129 91.3 70.1 105.1
131 86.9 67.2 100.8

Manual Integrations
APPROVED

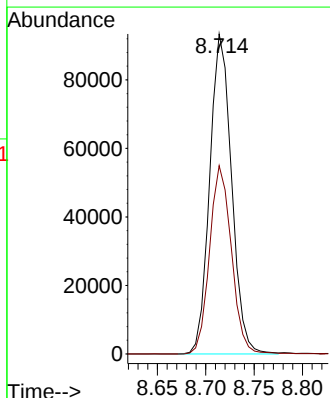
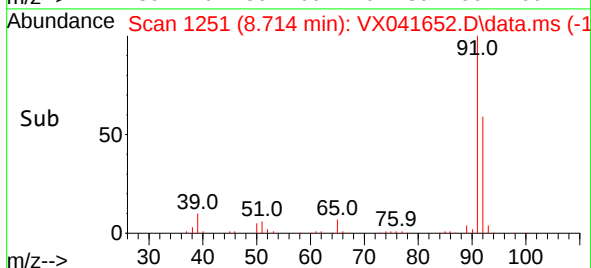
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

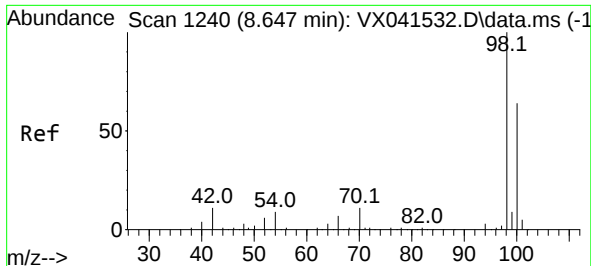


#62
Toluene
Concen: 20.242 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



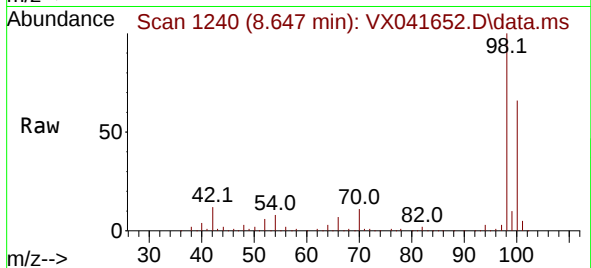
Tgt Ion: 91 Resp: 146566
Ion Ratio Lower Upper
91 100
92 58.7 47.0 70.6





#63
Toluene-d8
Concen: 29.480 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

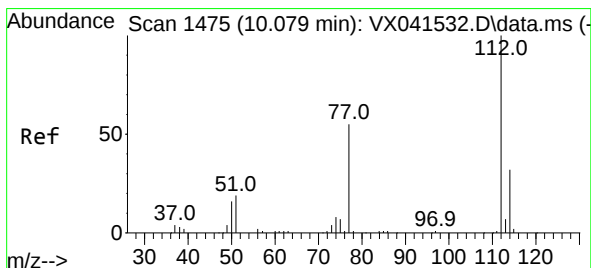
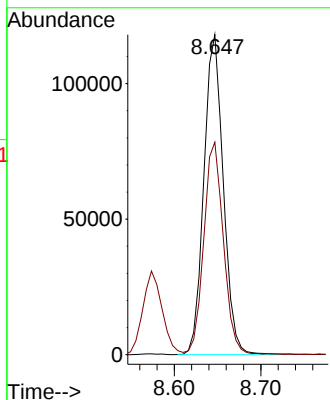
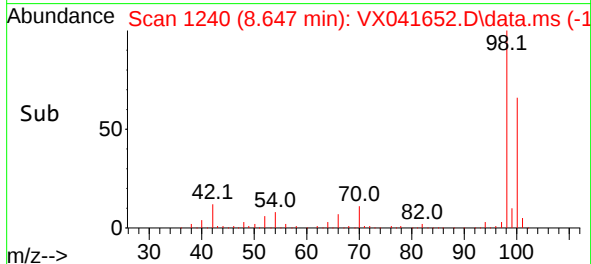
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



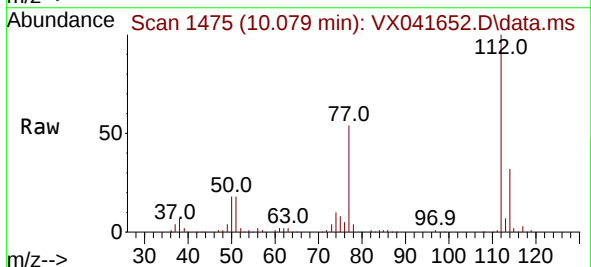
Tgt Ion: 98 Resp: 183880
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

Manual Integrations
APPROVED

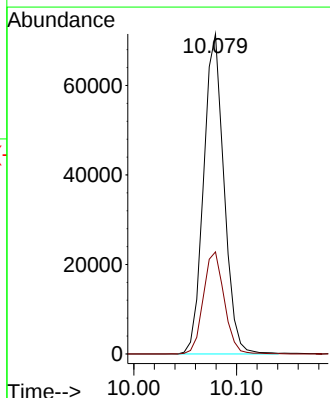
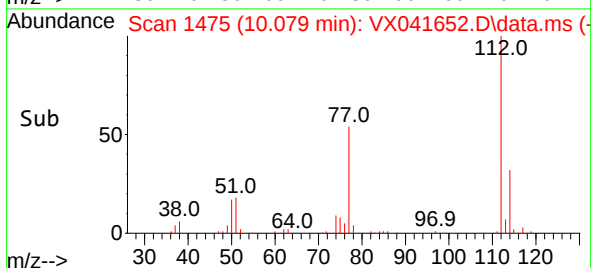
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

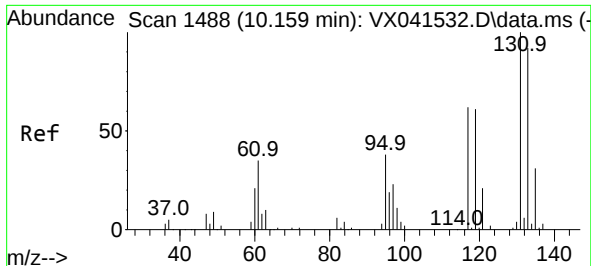


#64
Chlorobenzene
Concen: 20.090 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



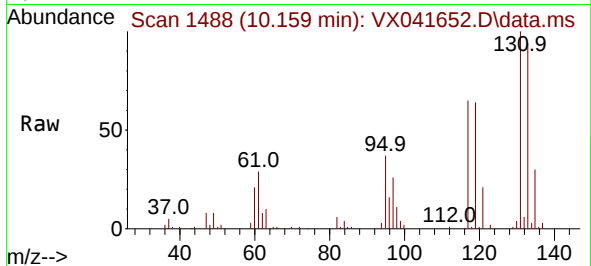
Tgt Ion:112 Resp: 98805
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.841 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

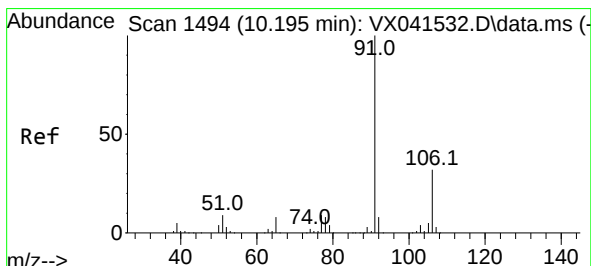
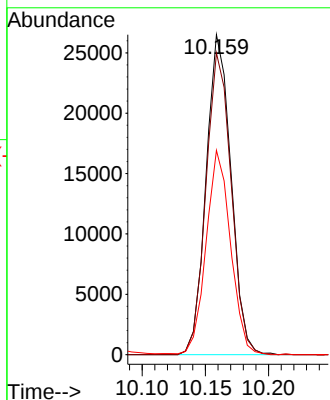
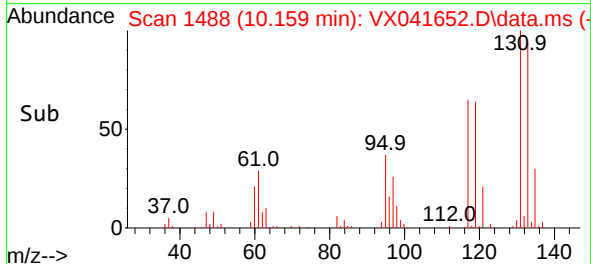
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 36279
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.6
119 62.7 0.0 126.4

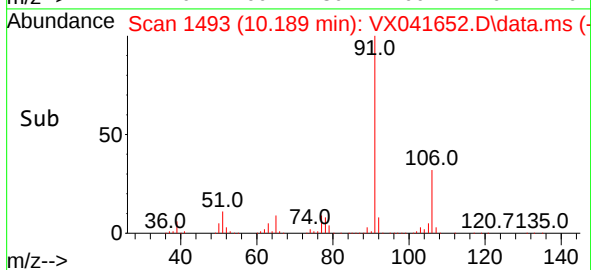
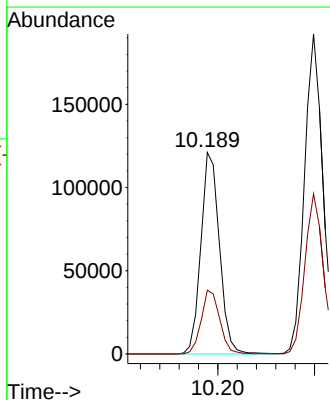
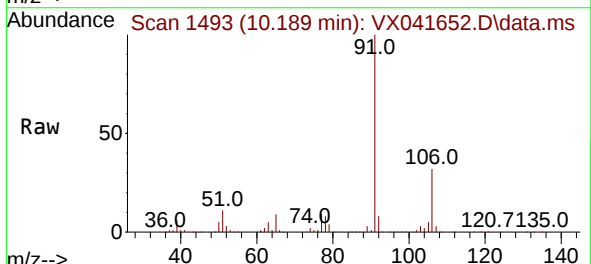
Manual Integrations
APPROVED

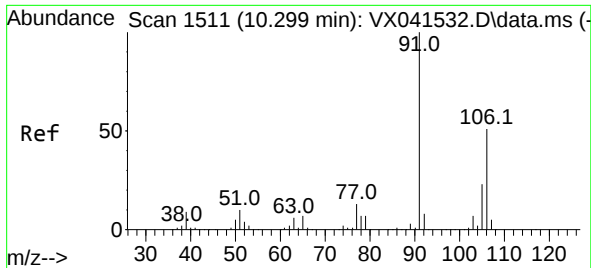
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#66
Ethyl Benzene
Concen: 20.156 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion: 91 Resp: 162052
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9





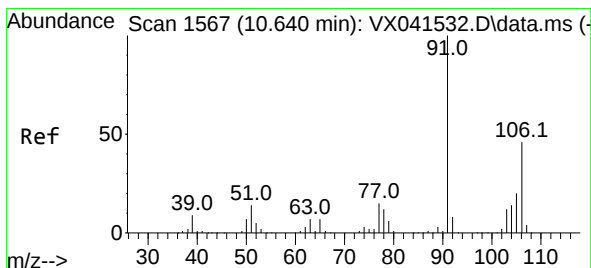
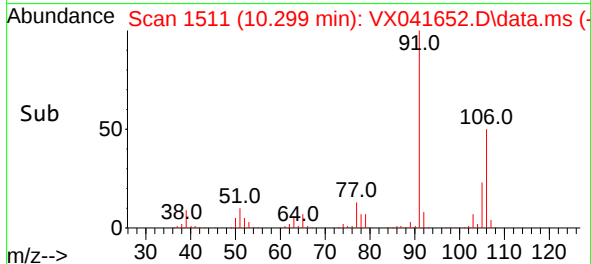
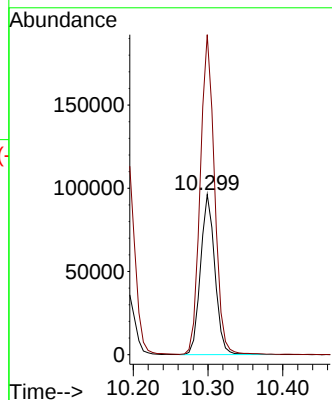
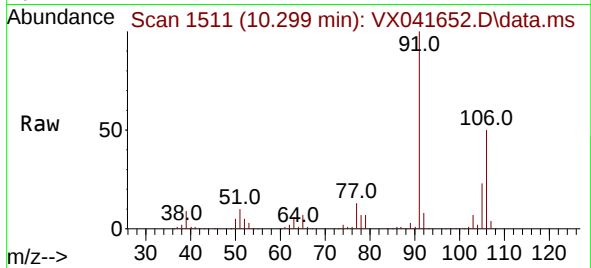
#67
m/p-Xylenes
Concen: 40.730 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 12805
Ion Ratio Lower Upper
106 100
91 199.5 156.5 234.7

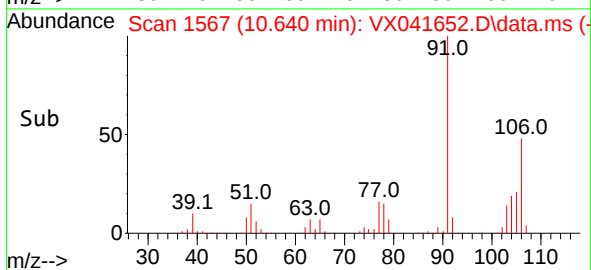
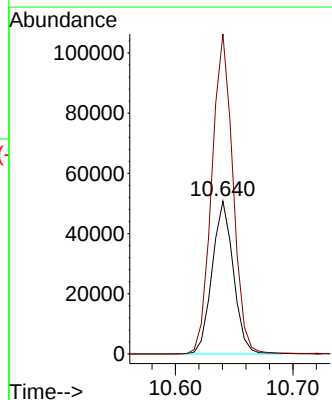
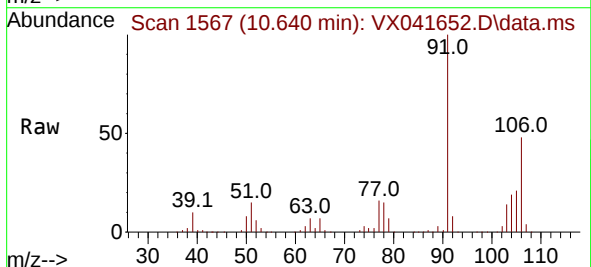
Manual Integrations
APPROVED

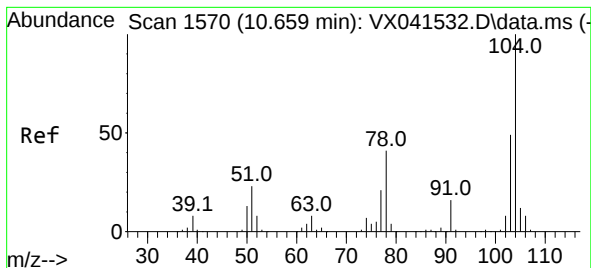
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#68
o-Xylene
Concen: 20.155 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion:106 Resp: 63784
Ion Ratio Lower Upper
106 100
91 209.0 105.2 315.6





#69

Styrene

Concen: 20.091 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 106609

Ion Ratio Lower Upper

104 100

78 49.8 39.3 58.9

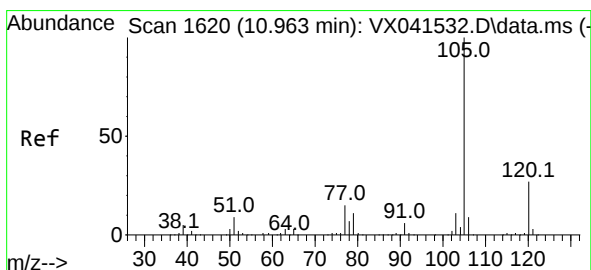
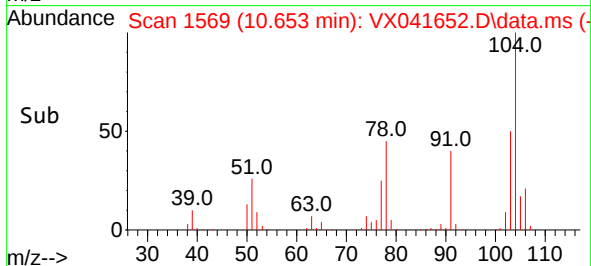
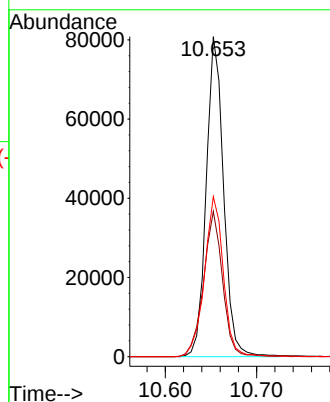
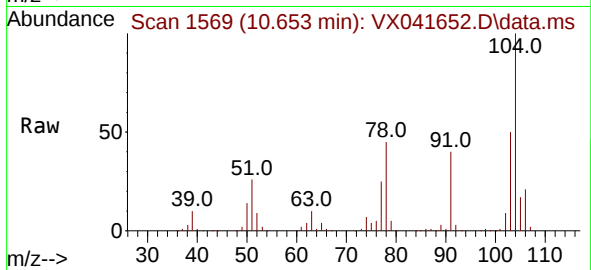
103 54.6 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#70

Isopropylbenzene

Concen: 20.866 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041652.D

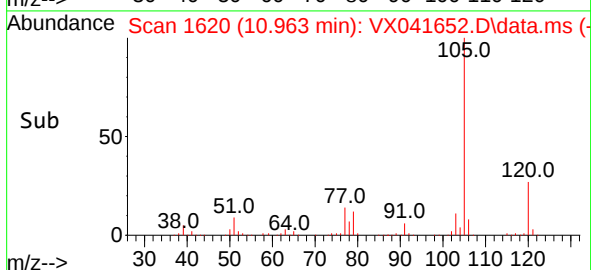
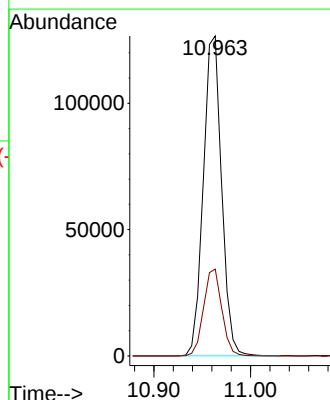
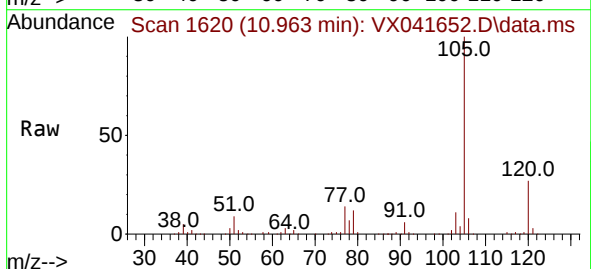
Acq: 28 May 2024 09:13

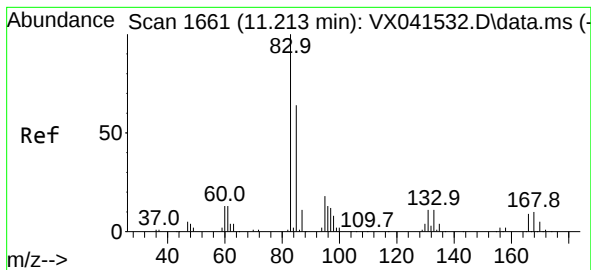
Tgt Ion:105 Resp: 166861

Ion Ratio Lower Upper

105 100

120 27.1 18.8 34.8





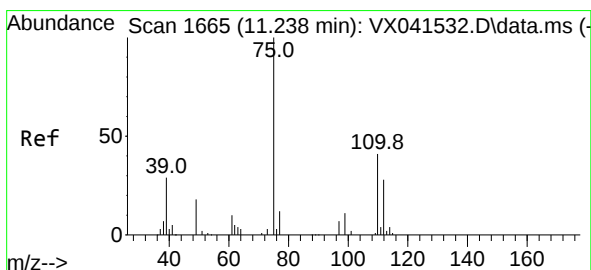
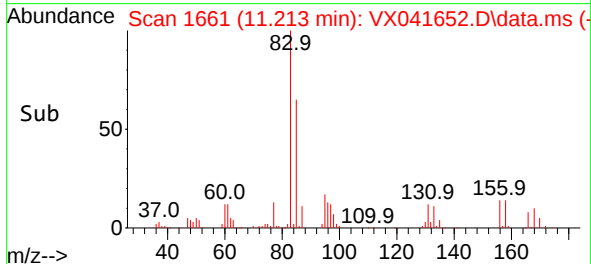
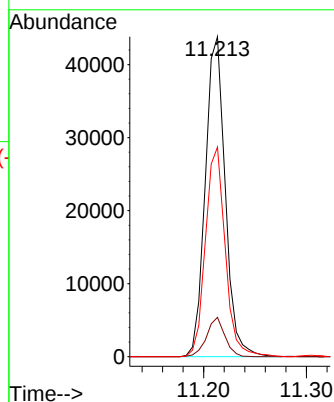
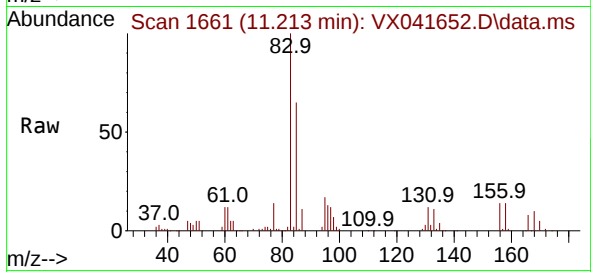
#71
1,1,2,2-Tetrachloroethane
Concen: 21.555 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 59215
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 65.1 32.3 96.8

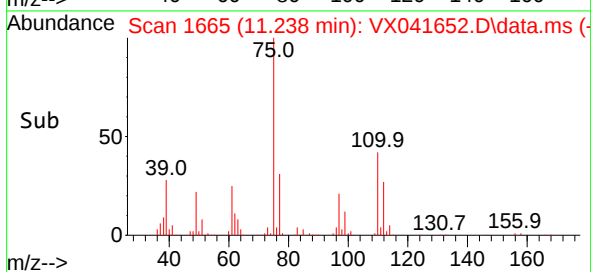
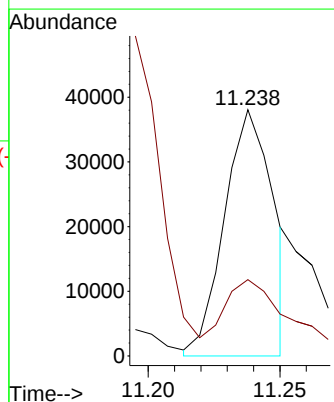
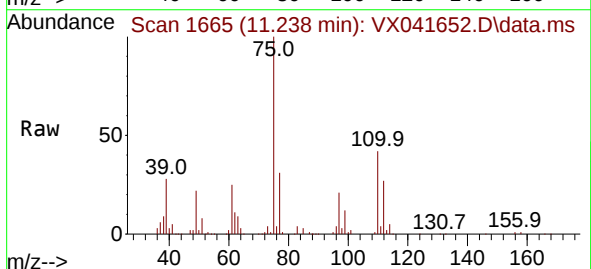
Manual Integrations
APPROVED

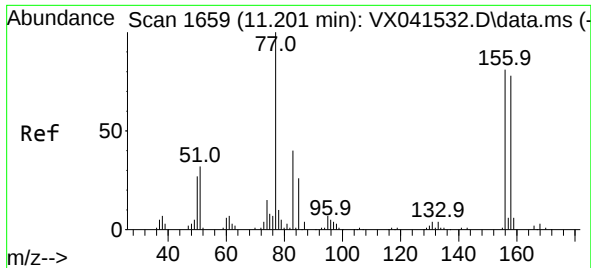
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#72
1,2,3-Trichloropropane
Concen: 19.815 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

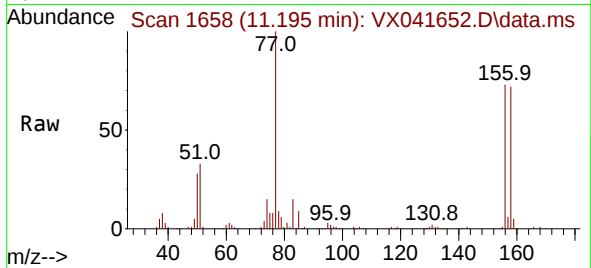
Tgt Ion: 75 Resp: 49092
Ion Ratio Lower Upper
75 100
77 42.5 0.0 78.8





#73
Bromobenzene
Concen: 19.776 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

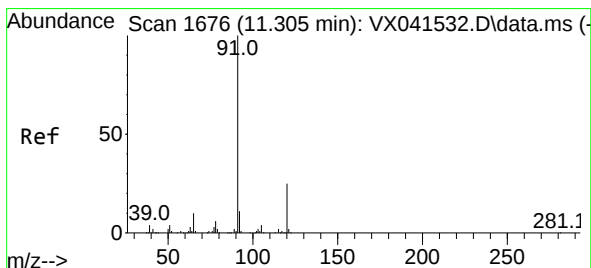
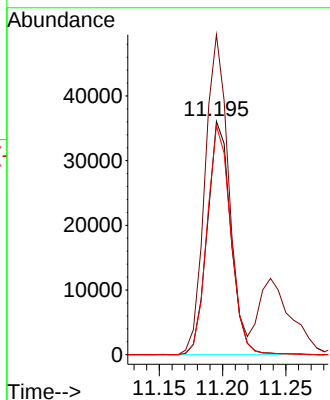
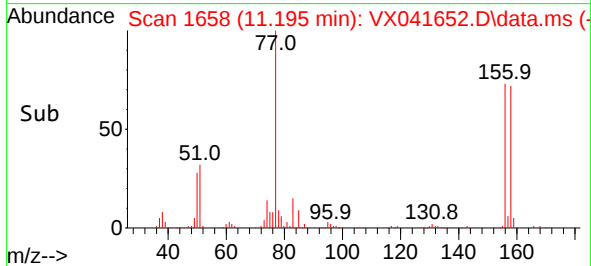
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



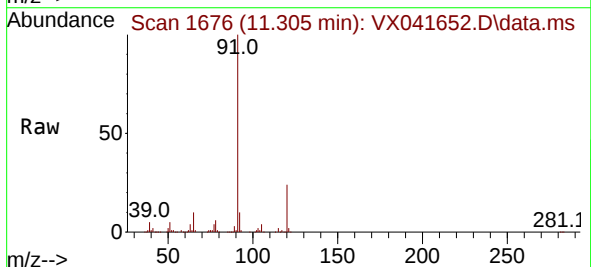
Tgt Ion:156 Resp: 46469
Ion Ratio Lower Upper
156 100
77 138.2 0.0 267.4
158 99.4 0.0 192.8

Manual Integrations
APPROVED

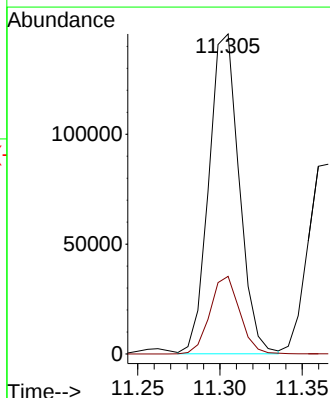
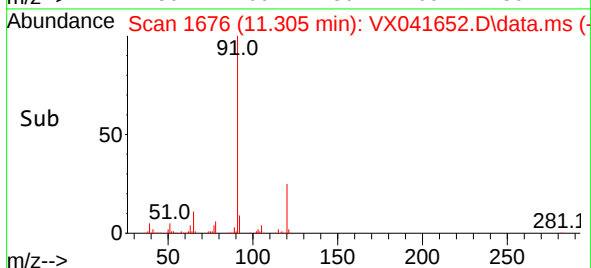
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

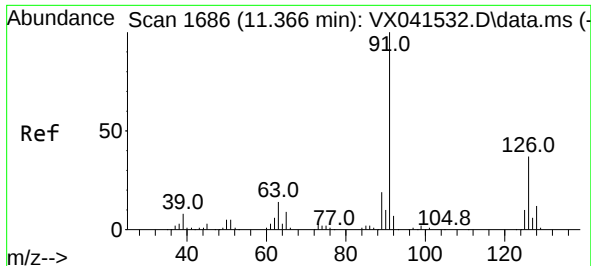


#74
n-propylbenzene
Concen: 20.707 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



Tgt Ion: 91 Resp: 186725
Ion Ratio Lower Upper
91 100
120 23.8 0.0 48.4





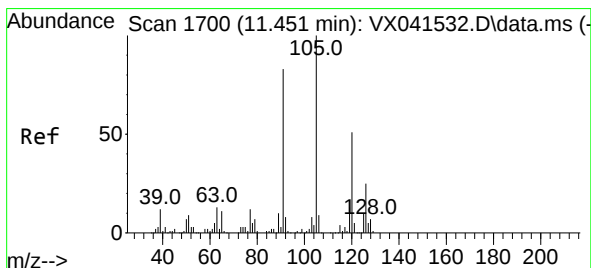
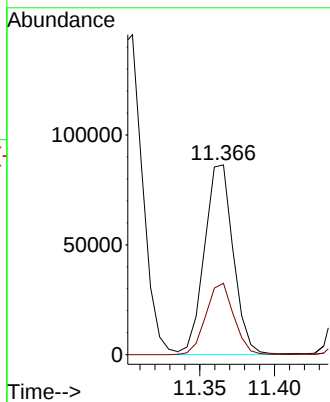
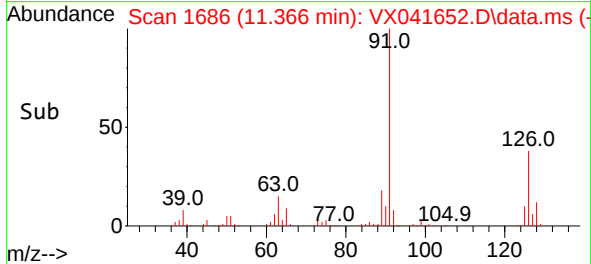
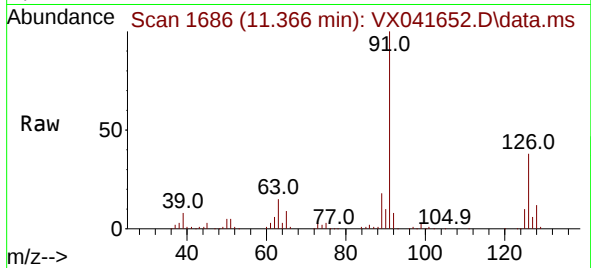
#75
2-Chlorotoluene
Concen: 20.407 ug/l
RT: 11.366 min Scan# 11555
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 11555
Ion Ratio Lower Upper
91 100
126 36.6 0.0 71.6

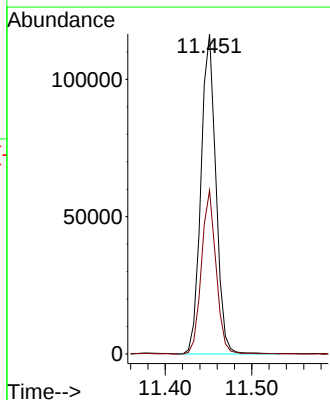
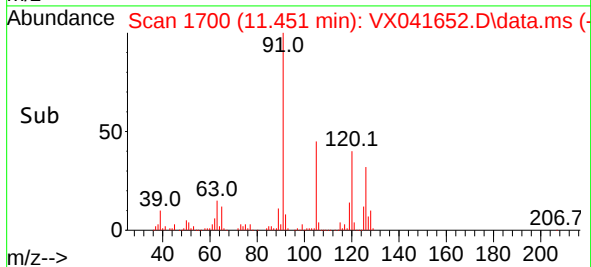
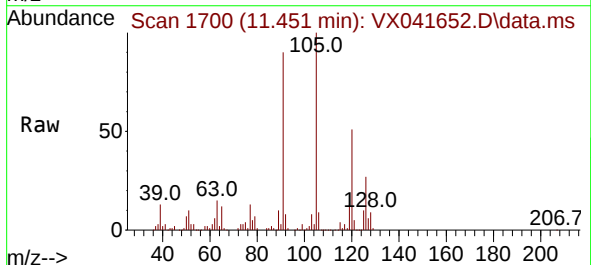
Manual Integrations
APPROVED

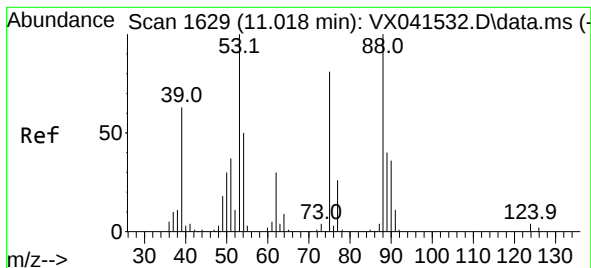
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.506 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

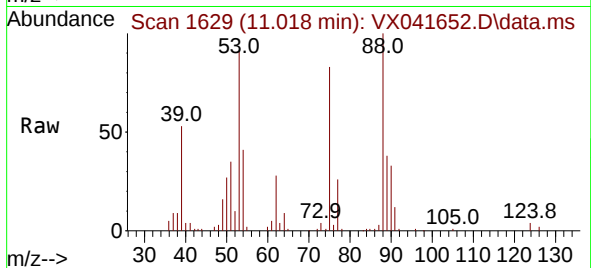
Tgt Ion:105 Resp: 139966
Ion Ratio Lower Upper
105 100
120 49.7 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 21.465 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

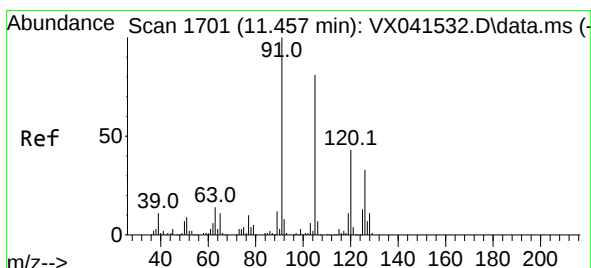
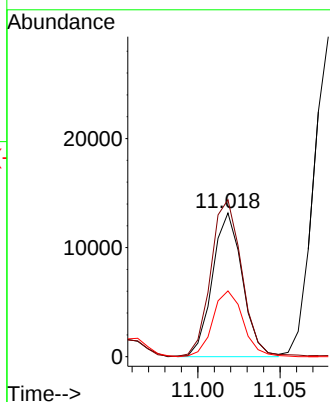
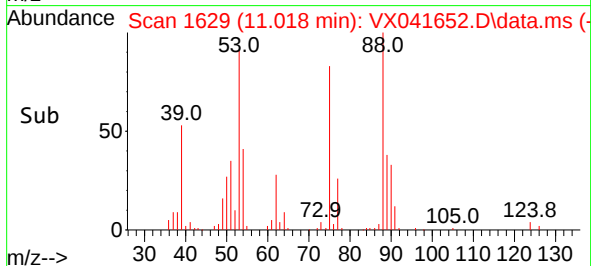
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 16715
Ion Ratio Lower Upper
75 100
53 109.2 61.8 185.3
89 46.0 24.9 74.7

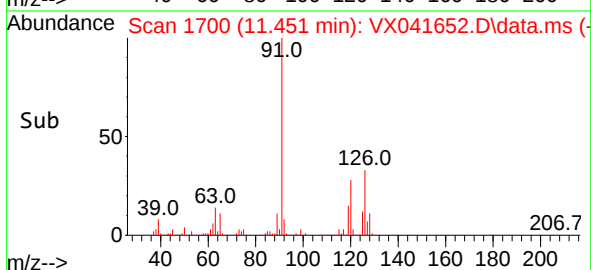
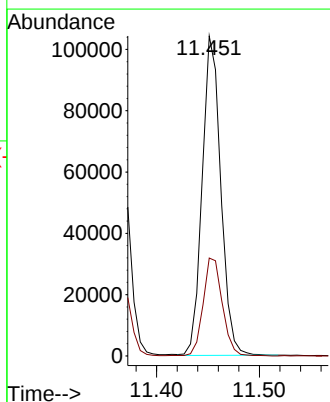
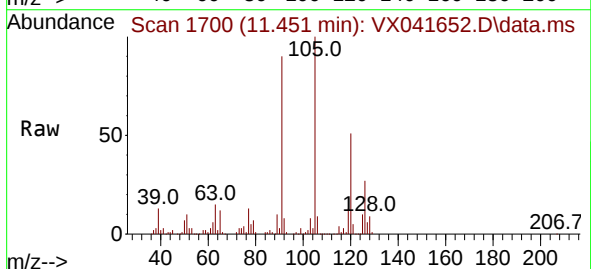
Manual Integrations
APPROVED

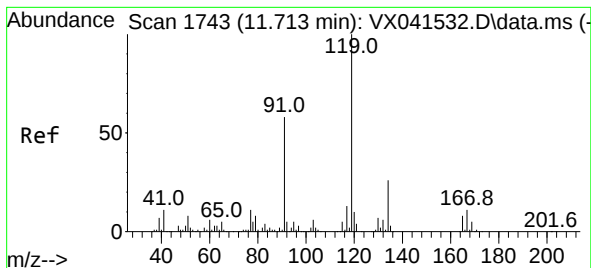
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#78
4-Chlorotoluene
Concen: 20.339 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

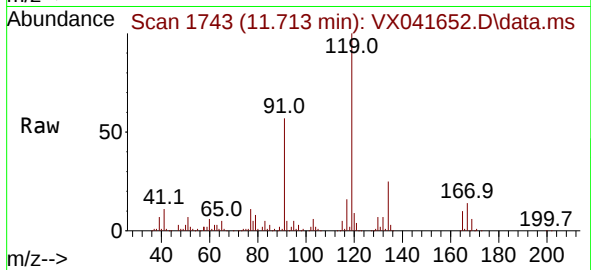
Tgt Ion: 91 Resp: 131179
Ion Ratio Lower Upper
91 100
126 31.6 0.0 62.2





#79
tert-butylbenzene
Concen: 20.810 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

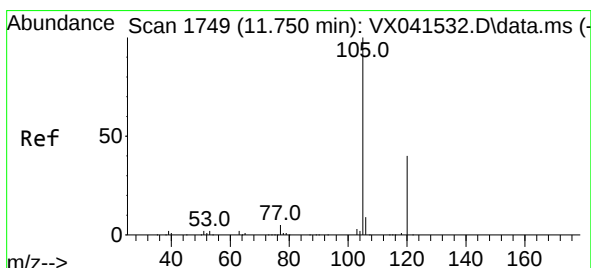
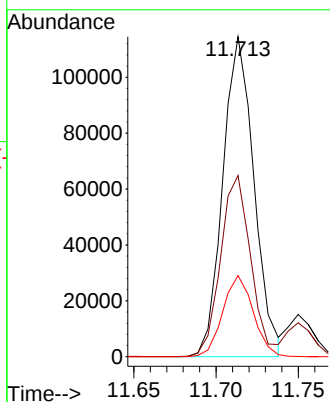
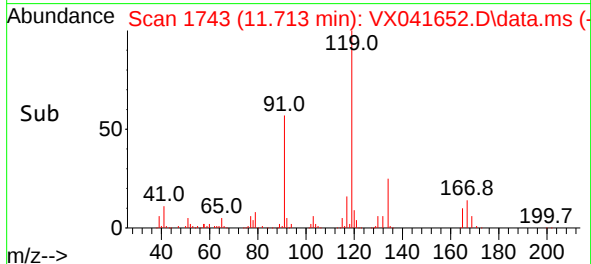
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 151180
Ion Ratio Lower Upper
119 100
91 54.9 0.0 110.0
134 24.7 0.0 50.0

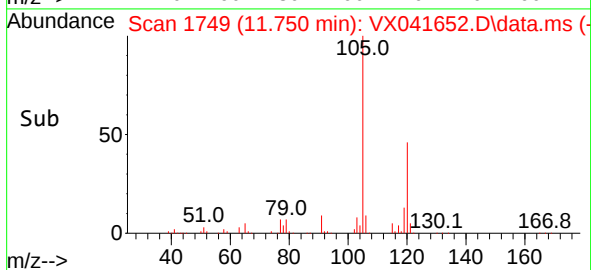
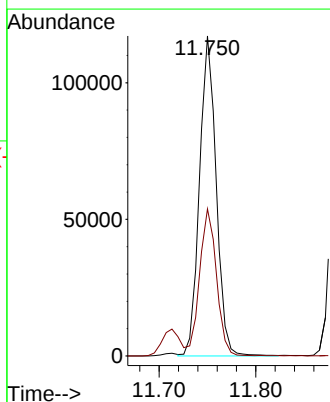
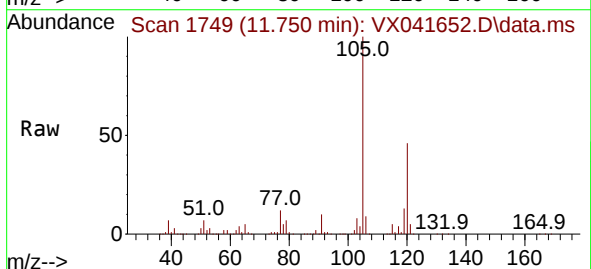
Manual Integrations
APPROVED

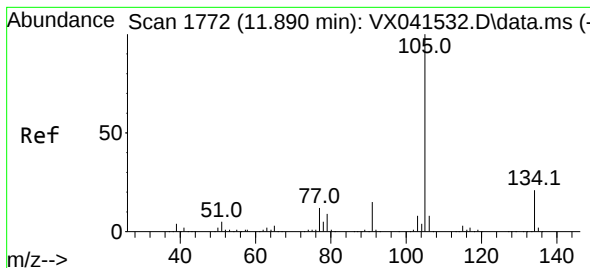
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.566 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

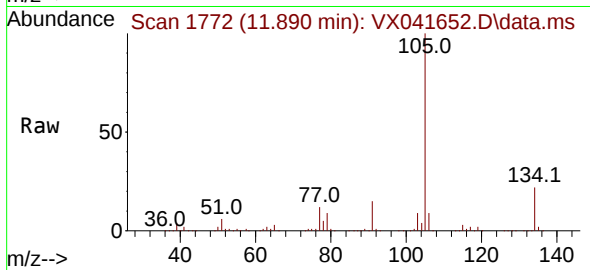
Tgt Ion:105 Resp: 140701
Ion Ratio Lower Upper
105 100
120 46.5 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 20.674 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041652.D
 Acq: 28 May 2024 09:13

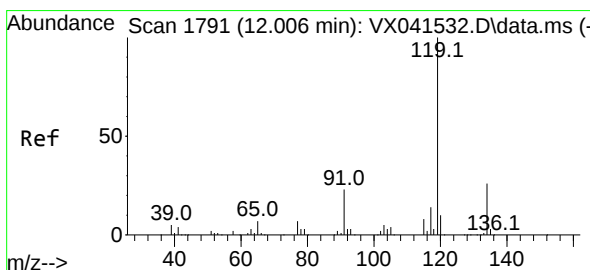
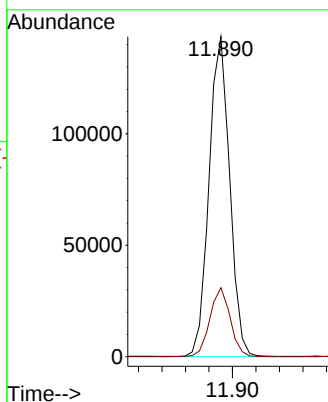
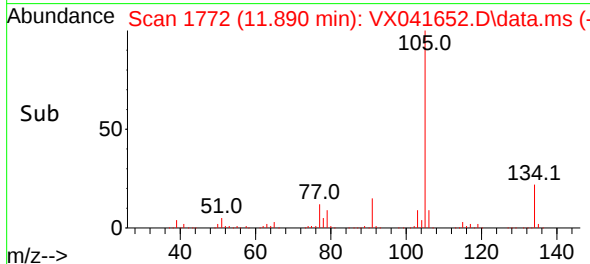
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



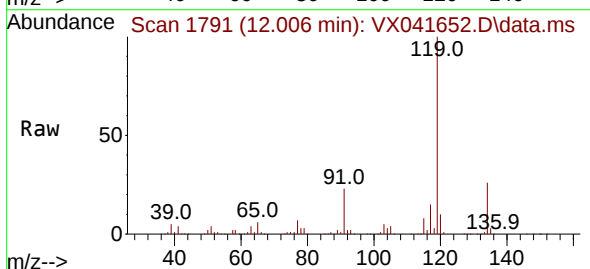
Tgt Ion:105 Resp: 175504
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 43.4

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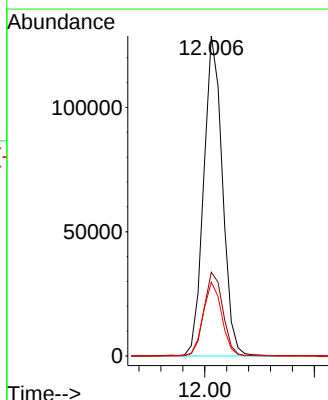
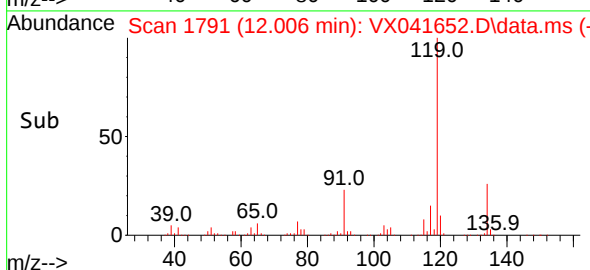
Reviewed By :John Carlone 05/29/2024
 Supervised By :Mahesh Dadoda 05/29/2024

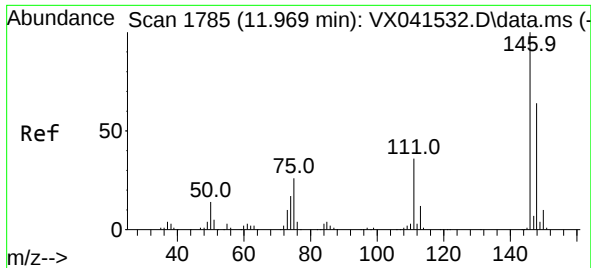


#82
 p-Isopropyltoluene
 Concen: 20.524 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041652.D
 Acq: 28 May 2024 09:13



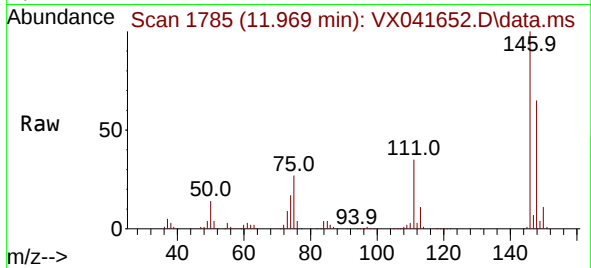
Tgt Ion:119 Resp: 152518
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.4
 91 23.1 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 20.486 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

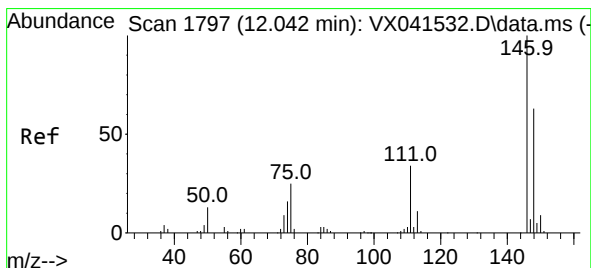
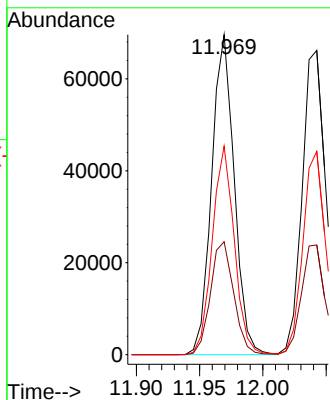
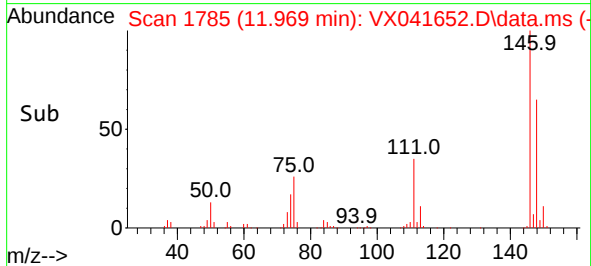
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



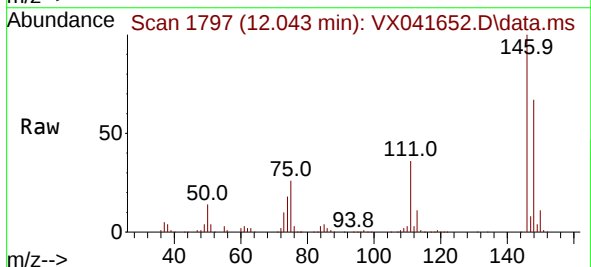
Tgt Ion:146 Resp: 8633
Ion Ratio Lower Upper
146 100
111 36.5 18.4 55.2
148 63.7 32.3 96.9

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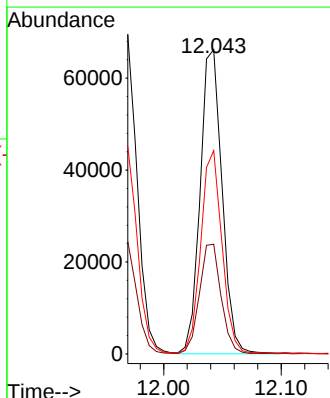
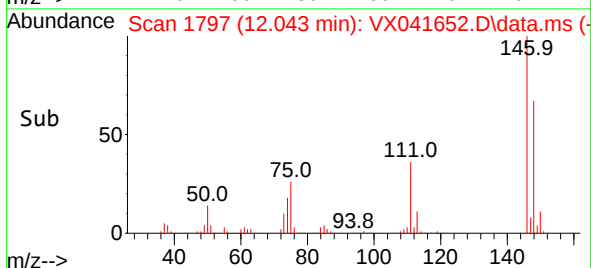
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

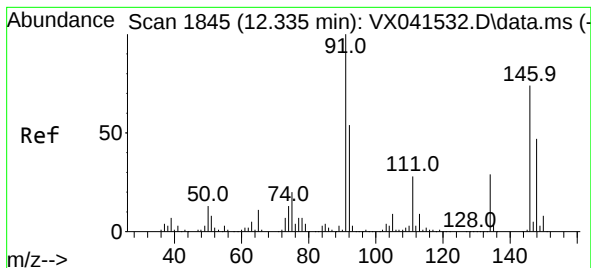


#84
1,4-Dichlorobenzene
Concen: 20.136 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13



Tgt Ion:146 Resp: 85743
Ion Ratio Lower Upper
146 100
111 35.4 17.8 53.5
148 64.3 31.9 95.5





#85

n-Butylbenzene

Concen: 19.922 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX041652.D

Acq: 28 May 2024 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 119120

Ion Ratio Lower Upper

91 100

92 54.4 0.0 108.4

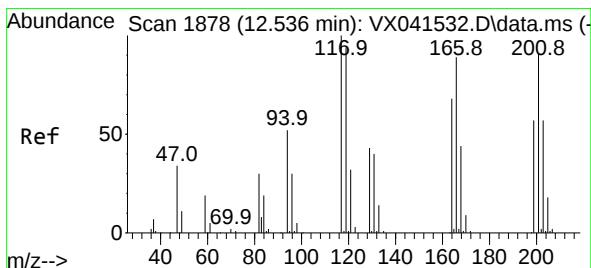
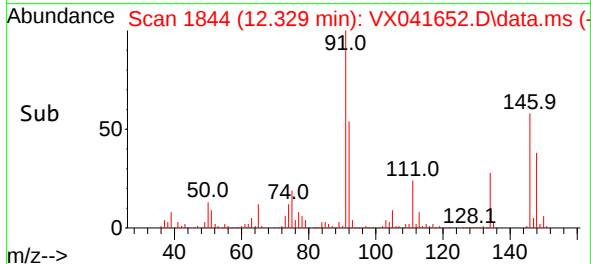
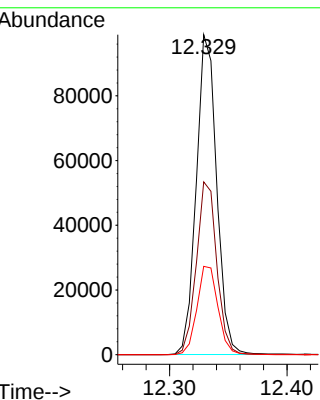
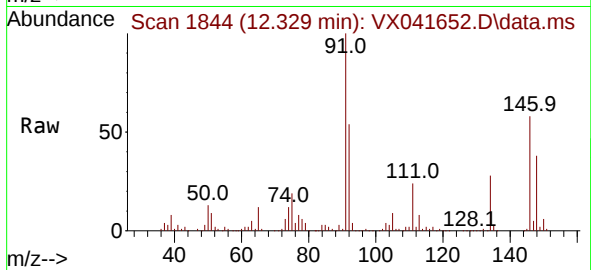
134 28.6 0.0 56.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2024

Supervised By :Mahesh Dadoda 05/29/2024



#86

Hexachloroethane

Concen: 21.370 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041652.D

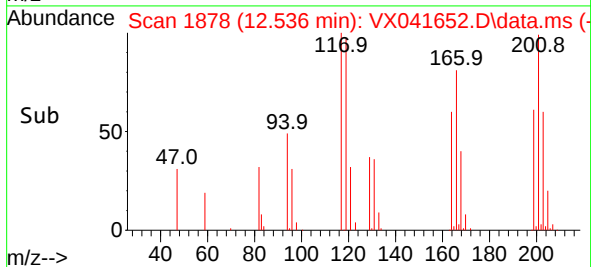
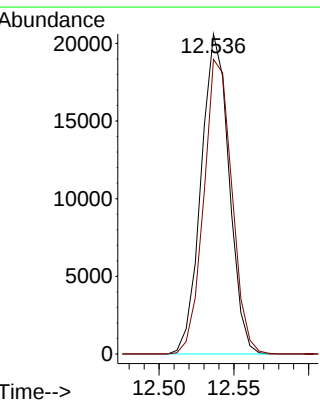
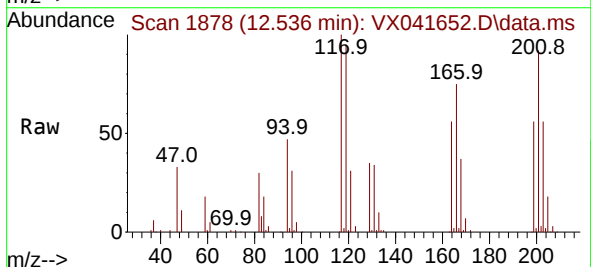
Acq: 28 May 2024 09:13

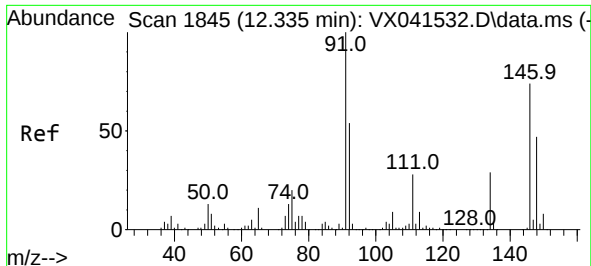
Tgt Ion:117 Resp: 26736

Ion Ratio Lower Upper

117 100

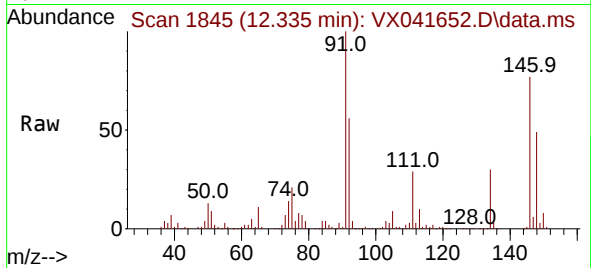
201 92.5 47.3 141.8





#87
 1,2-Dichlorobenzene
 Concen: 20.244 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041652.D
 Acq: 28 May 2024 09:13

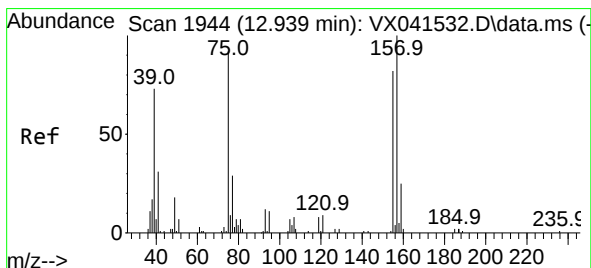
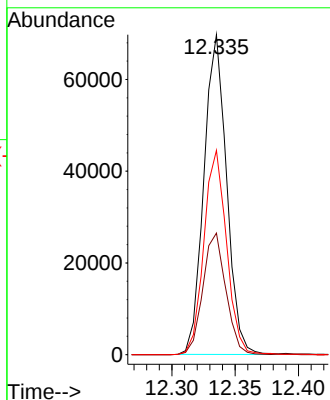
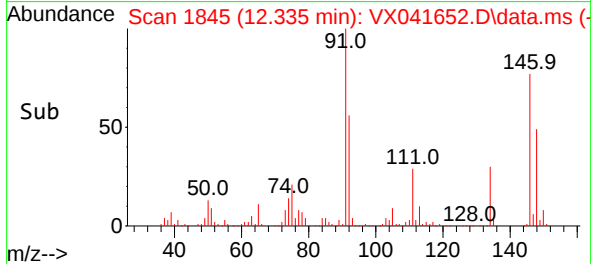
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



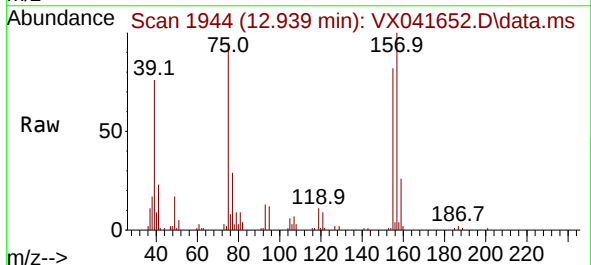
Tgt Ion:146 Resp: 87074
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 64.0 31.8 95.4

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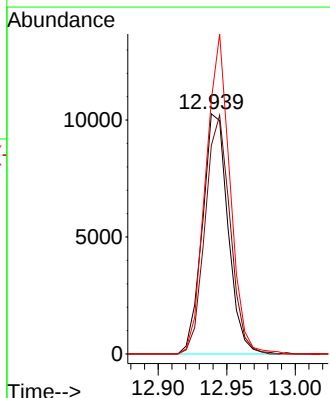
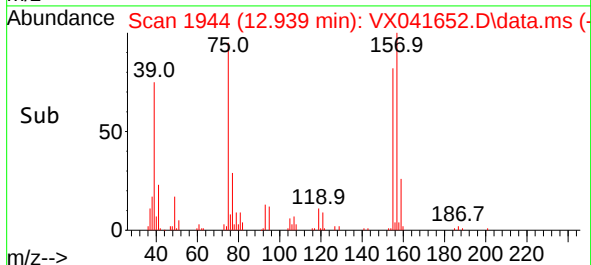
Reviewed By :John Carlone 05/29/2024
 Supervised By :Mahesh Dadoda 05/29/2024

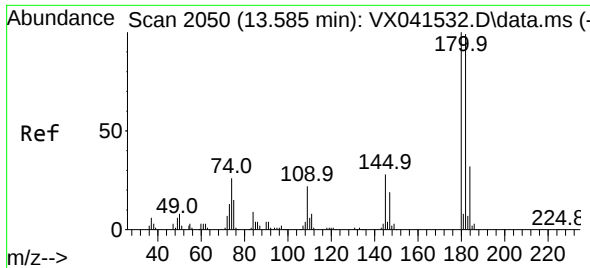


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.226 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX041652.D
 Acq: 28 May 2024 09:13



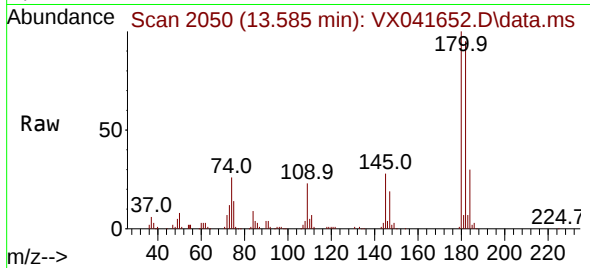
Tgt Ion: 75 Resp: 13409
 Ion Ratio Lower Upper
 75 100
 155 96.5 80.4 120.6
 157 126.0 102.2 153.2





#89
1,2,4-Trichlorobenzene
Concen: 20.164 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

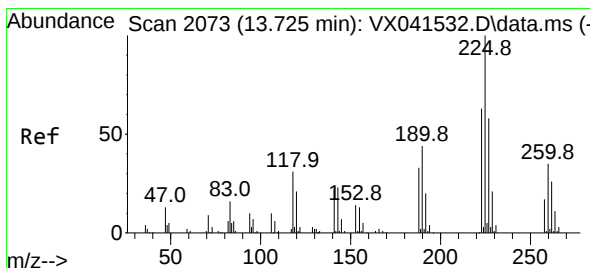
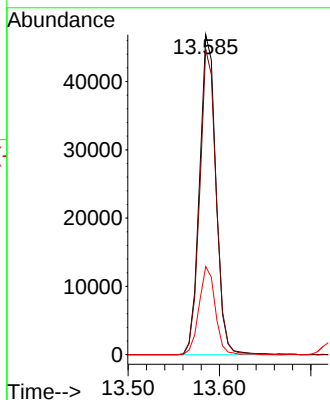
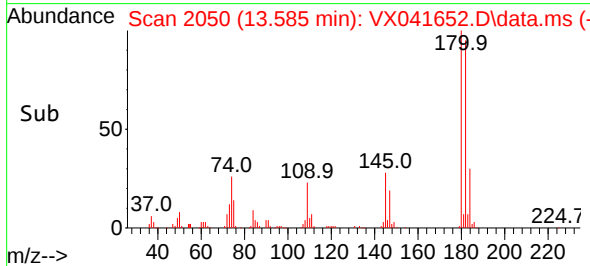
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 58270
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.4
145 27.0 22.7 34.1

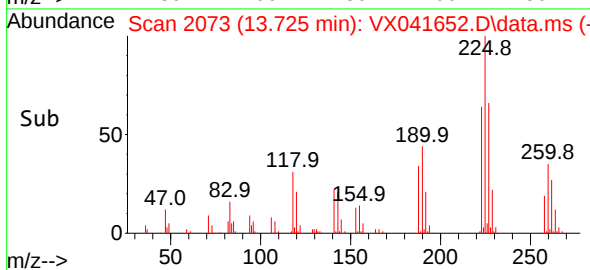
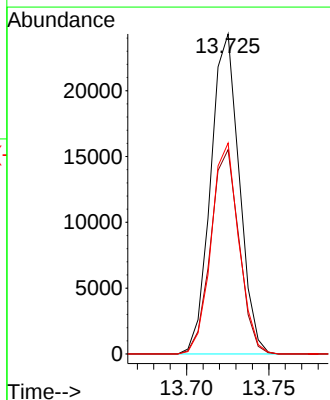
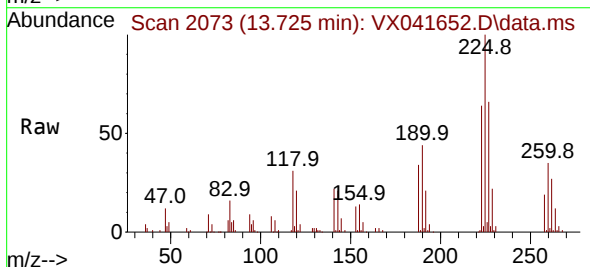
Manual Integrations
APPROVED

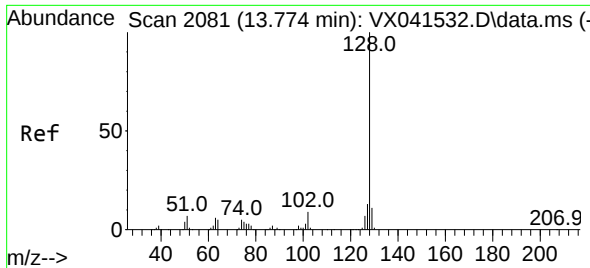
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#90
Hexachlorobutadiene
Concen: 20.846 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

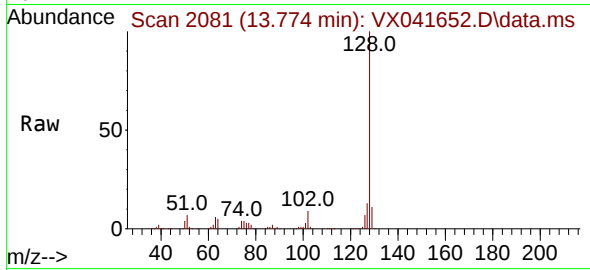
Tgt Ion:225 Resp: 29392
Ion Ratio Lower Upper
225 100
223 63.3 0.0 125.8
227 63.8 0.0 125.6





#91
Naphthalene
Concen: 20.450 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

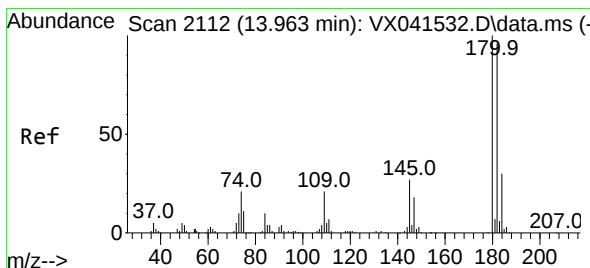
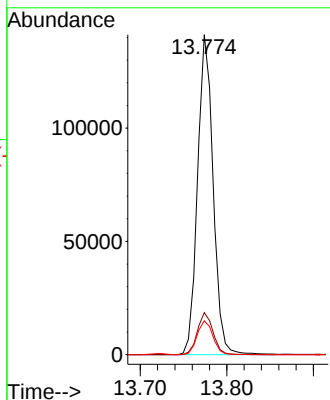
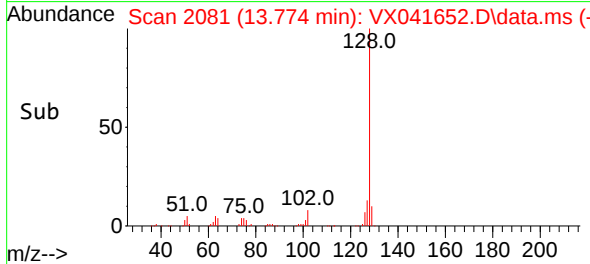
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 176645
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 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: 20.296 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041652.D
Acq: 28 May 2024 09:13

Tgt Ion:180 Resp: 59929
Ion Ratio Lower Upper
180 100
182 97.9 0.0 191.0
145 29.3 0.0 58.6

