

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042081.D
 Acq On : 28 Jun 2024 12:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 29 04:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	192205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	268664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105167	47.450	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.379	113	103042	54.053	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.100%		
50) Toluene-d8	8.647	98	353039	52.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.440%		
62) 4-Bromofluorobenzene	11.079	95	136907	55.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89003	60.782	ug/l	96
3) Chloromethane	1.300	50	92596	50.406	ug/l	99
4) Vinyl Chloride	1.374	62	94260	51.189	ug/l	100
5) Bromomethane	1.599	94	52027	57.217	ug/l	98
6) Chloroethane	1.666	64	41446	54.417	ug/l	99
7) Trichlorofluoromethane	1.867	101	126438	52.408	ug/l	99
8) Diethyl Ether	2.136	74	54121	47.790	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.312	101	91068	54.797	ug/l #	85
10) Methyl Iodide	2.441	142	113186	54.795	ug/l #	86
11) Tert butyl alcohol	3.001	59	91258	216.956	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	90813	54.780	ug/l #	80
13) Acrolein	2.239	56	91127	193.268	ug/l	99
14) Allyl chloride	2.654	41	135158	51.408	ug/l #	87
15) Acrylonitrile	3.068	53	253342	230.587	ug/l	98
16) Acetone	2.392	43	252298	259.243	ug/l #	86
17) Carbon Disulfide	2.501	76	210322	62.222	ug/l	99
18) Methyl Acetate	2.709	43	105107	39.590	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	280182	51.158	ug/l	99
20) Methylene Chloride	2.782	84	97672	45.834	ug/l	86
21) trans-1,2-Dichloroethene	3.081	96	91348	54.293	ug/l	86
22) Diisopropyl ether	3.763	45	274464	49.388	ug/l #	84
23) Vinyl Acetate	3.721	43	1242003	261.692	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	158144	50.815	ug/l	97
25) 2-Butanone	4.562	43	362606	239.490	ug/l	92
26) 2,2-Dichloropropane	4.465	77	131102	58.172	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	110504	52.440	ug/l	85
28) Bromochloromethane	4.897	49	57038	42.790	ug/l #	69
29) Tetrahydrofuran	5.007	42	222923	227.975	ug/l	93
30) Chloroform	5.086	83	163364	50.385	ug/l	96
31) Cyclohexane	5.458	56	141377	54.544	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	144701	53.410	ug/l	94
36) 1,1-Dichloropropene	5.684	75	113880	56.256	ug/l	95
37) Ethyl Acetate	4.721	43	132348	50.189	ug/l	97
38) Carbon Tetrachloride	5.666	117	128943	57.650	ug/l	99
39) Methylcyclohexane	7.373	83	155491	60.736	ug/l	90
40) Benzene	6.031	78	367871	53.882	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71486	50.010	ug/l	91
42) 1,2-Dichloroethane	6.080	62	112815	51.299	ug/l	90
43) Isopropyl Acetate	6.342	43	200977	49.653	ug/l #	92
44) Trichloroethene	7.123	130	103715	56.673	ug/l	85
45) 1,2-Dichloropropane	7.427	63	88310	52.605	ug/l	100
46) Dibromomethane	7.580	93	65026	53.162	ug/l #	75
47) Bromodichloromethane	7.818	83	122636	54.609	ug/l	98
48) Methyl methacrylate	7.696	41	99358	51.435	ug/l #	83
49) 1,4-Dioxane	7.665	88	45312m	888.764	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	669831	240.240	ug/l	94
52) Toluene	8.714	92	239425	55.071	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	127379	53.468	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143435	58.339	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	94662	52.267	ug/l	98
56) Ethyl methacrylate	9.116	69	153743	54.566	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	153172	52.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	337792	257.264	ug/l	91
59) 2-Hexanone	9.433	43	528104	247.298	ug/l	91
60) Dibromochloromethane	9.518	129	110936	56.390	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99817	53.143	ug/l	98
64) Tetrachloroethene	9.269	164	101251	56.750	ug/l	87
65) Chlorobenzene	10.079	112	274596	53.881	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	98323	55.105	ug/l	99
67) Ethyl Benzene	10.189	91	447788	56.066	ug/l	98
68) m/p-Xylenes	10.299	106	365057	113.228	ug/l	90
69) o-Xylene	10.640	106	179982	56.386	ug/l	90
70) Styrene	10.652	104	305404	57.058	ug/l	94
71) Bromoform	10.799	173	92055	53.260	ug/l #	99
73) Isopropylbenzene	10.963	105	460934	54.938	ug/l	96
74) N-amyl acetate	10.841	43	187789	50.388	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	150760	48.326	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118954m	47.487	ug/l	
77) Bromobenzene	11.195	156	133303	53.347	ug/l	77
78) n-propylbenzene	11.305	91	509906	56.013	ug/l	95
79) 2-Chlorotoluene	11.366	91	309001	52.684	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	385965	55.230	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	47761	54.147	ug/l #	84
82) 4-Chlorotoluene	11.451	91	354580	54.687	ug/l	91
83) tert-Butylbenzene	11.713	119	413749	53.958	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	392500	55.983	ug/l	92
85) sec-Butylbenzene	11.890	105	487138	56.166	ug/l	95
86) p-Isopropyltoluene	12.006	119	437284	57.717	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	239395	54.506	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	242130	53.730	ug/l	95
89) n-Butylbenzene	12.329	91	346555	59.422	ug/l	97
90) Hexachloroethane	12.536	117	72376	56.111	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	241567	53.750	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32162	52.023	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.585	180	175454	59.594	ug/l	96
94) Hexachlorobutadiene	13.725	225	85946	57.730	ug/l	98
95) Naphthalene	13.774	128	515024	52.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178359	57.441	ug/l	96

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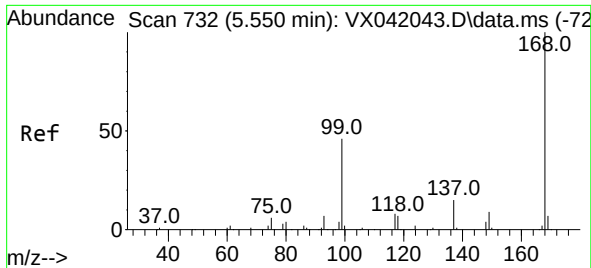
Manual Integrations
APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



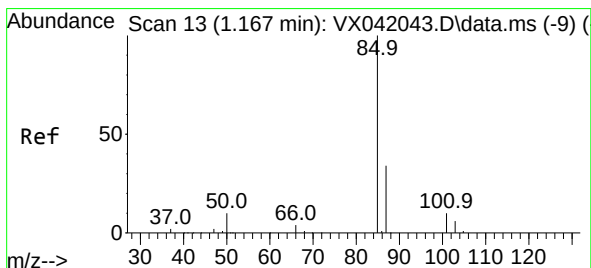
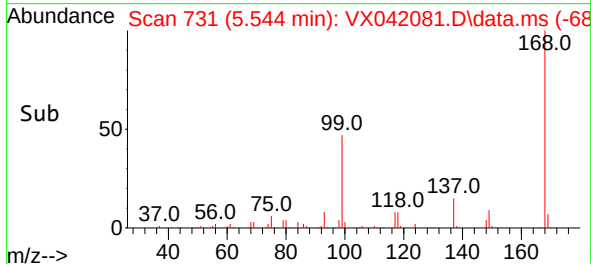
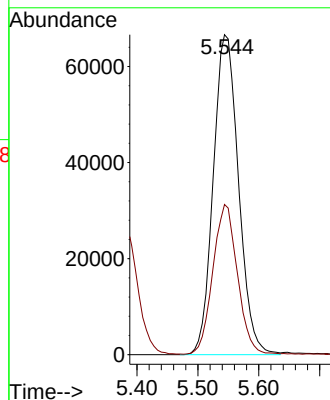
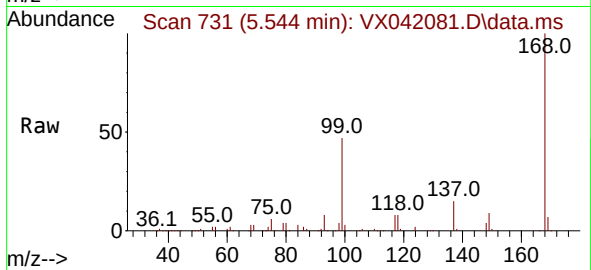
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042081.D
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Tgt Ion:168 Resp: 19220
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0

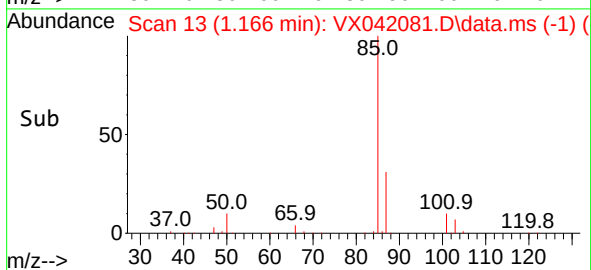
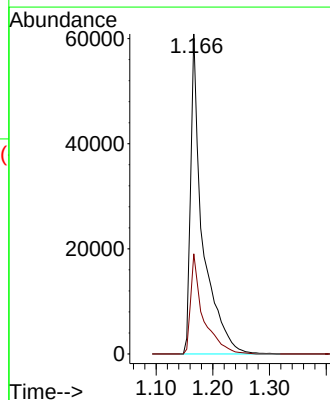
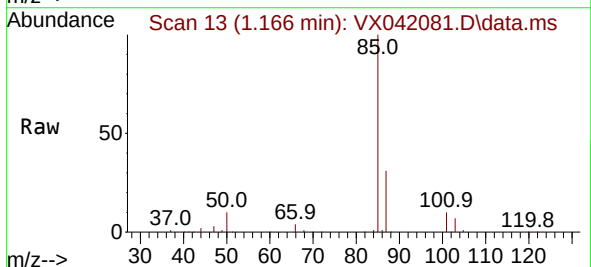
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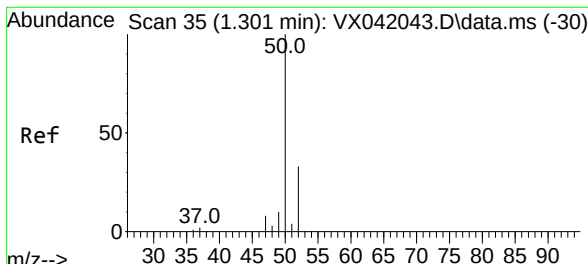
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#2
Dichlorodifluoromethane
Concen: 60.782 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 85 Resp: 89003
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1





#3
Chloromethane
Concen: 50.406 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

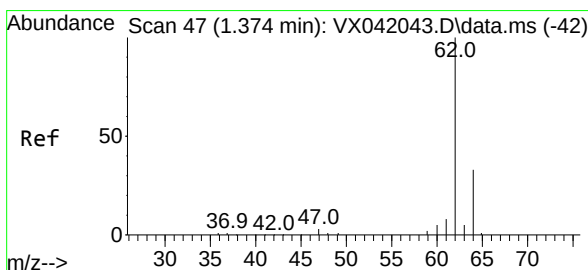
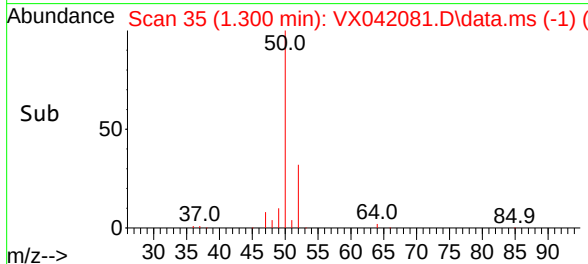
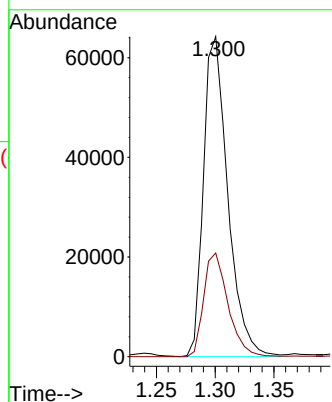
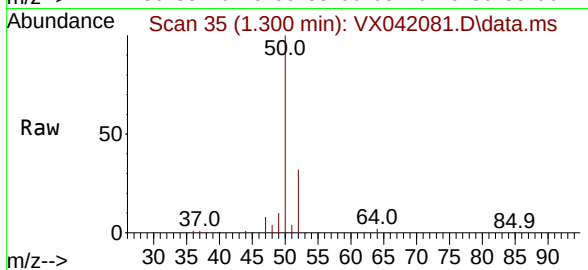
Tgt Ion: 50 Resp: 92590
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

Manual Integrations

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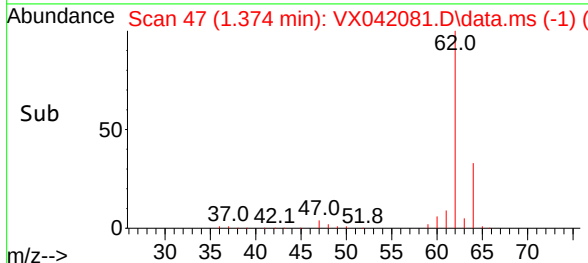
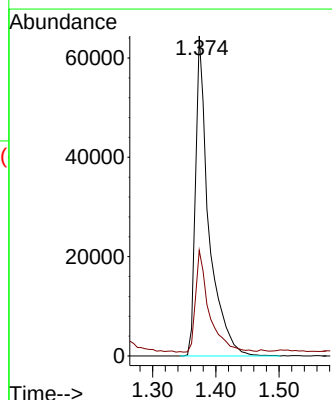
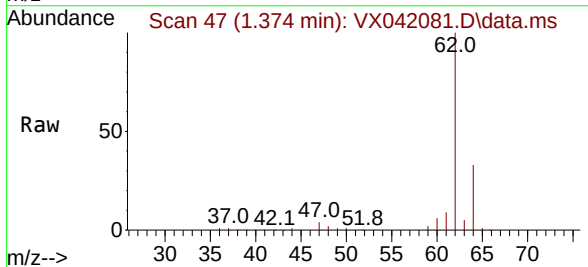
Reviewed By :John Carlone 07/01/2024

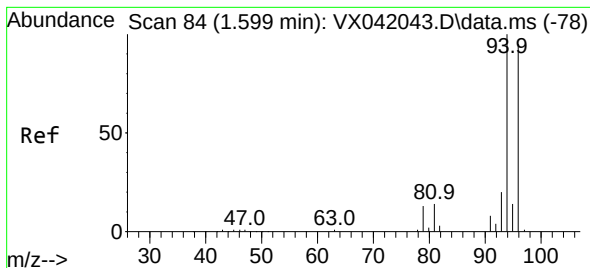
Supervised By :Mahesh Dadoda 07/01/2024



#4
Vinyl Chloride
Concen: 51.189 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 62 Resp: 94260
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5

Bromomethane

Concen: 57.217 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 5202

Ion Ratio Lower Upper

94 100

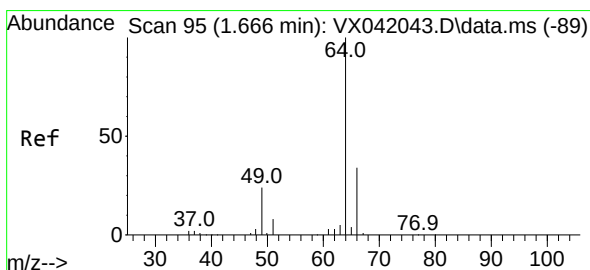
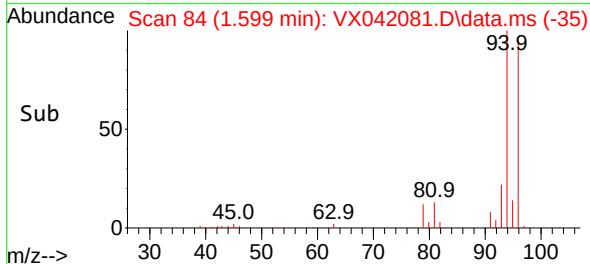
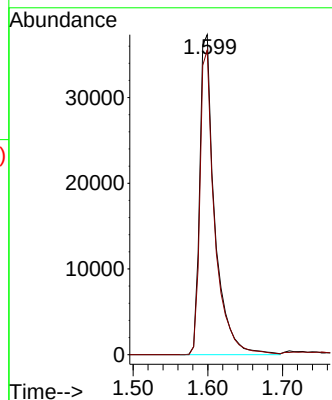
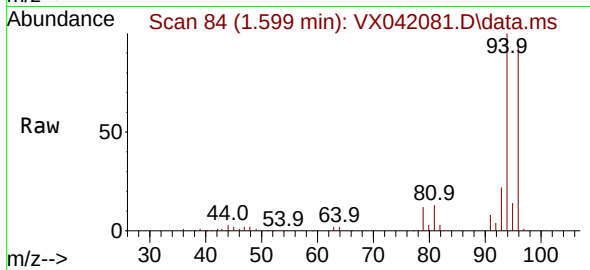
96 95.2 74.6 111.8

Manual Integrations

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Supervised By :Mahesh Dadoda 07/01/2024



#6

Chloroethane

Concen: 54.417 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX042081.D

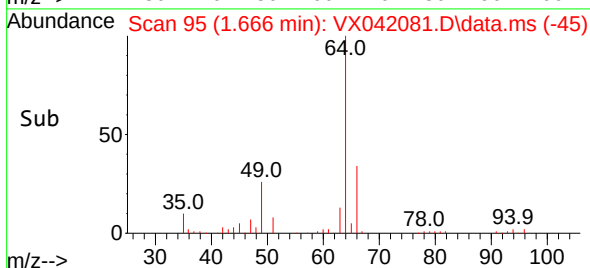
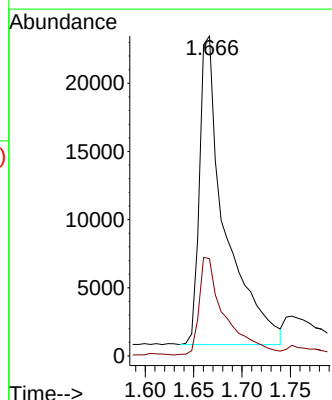
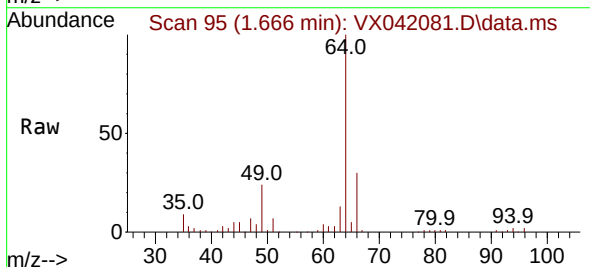
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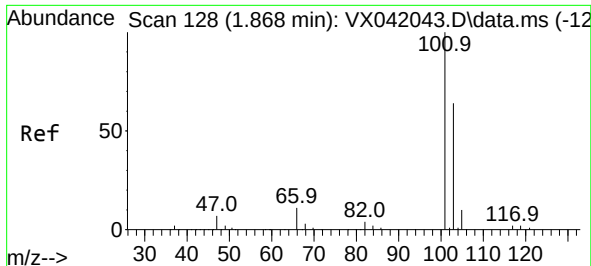
Tgt Ion: 64 Resp: 41446

Ion Ratio Lower Upper

64 100

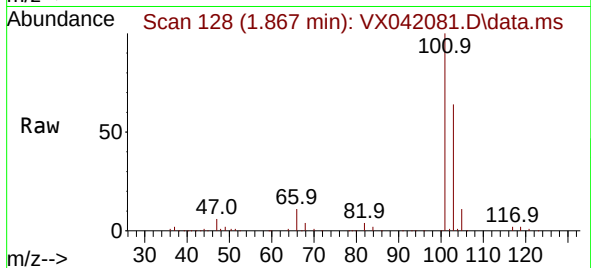
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.408 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042081.D
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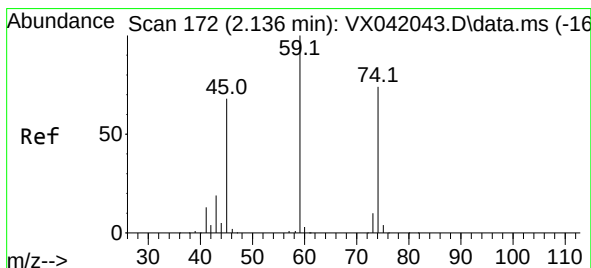
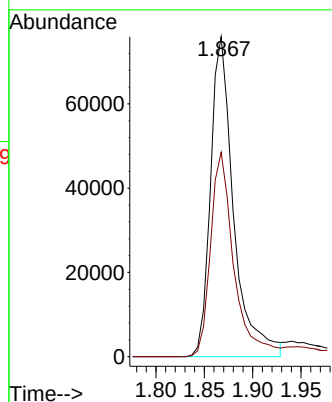
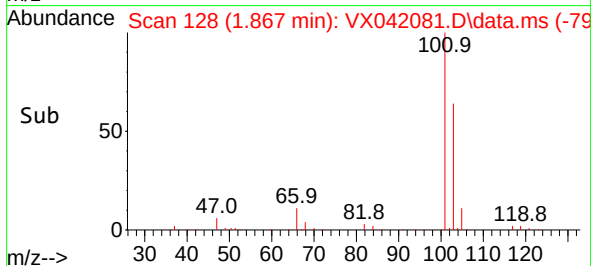
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 126438
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

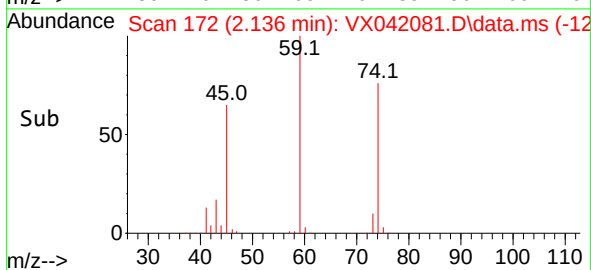
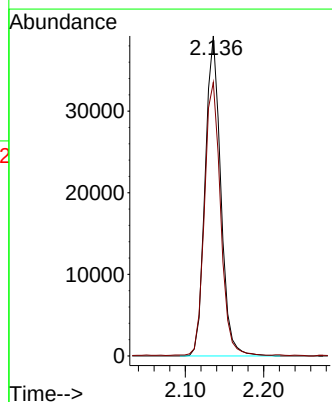
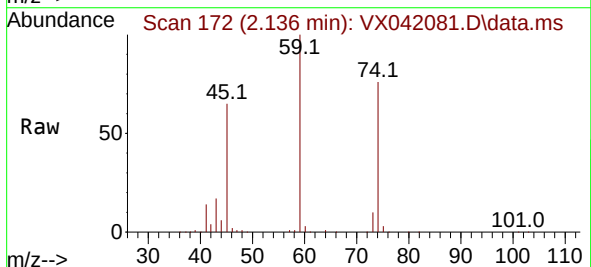
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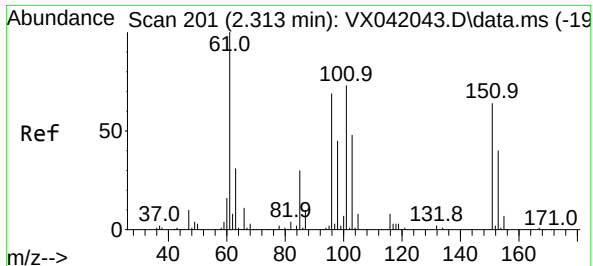
Reviewed By :John Carlone 07/01/2024
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#8
Diethyl Ether
Concen: 47.790 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 54121
Ion Ratio Lower Upper
74 100
45 88.1 53.3 159.8





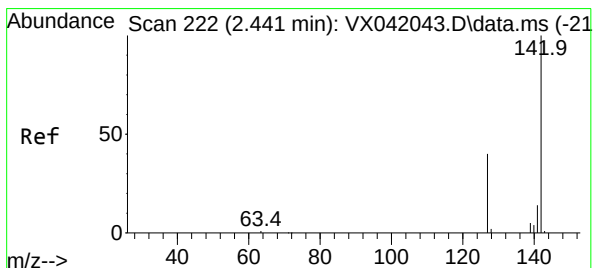
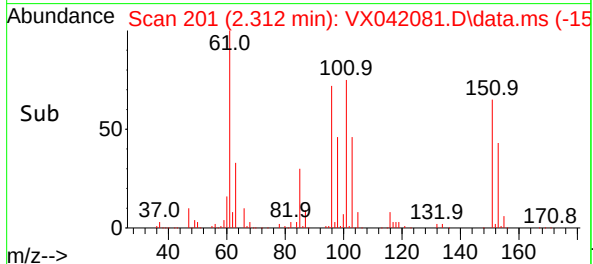
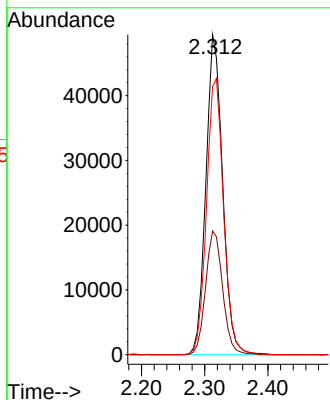
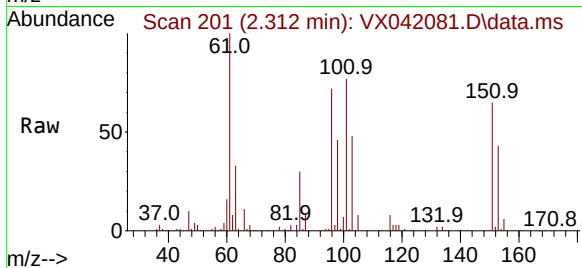
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.797 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91068
Ion Ratio Lower Upper
101 100
85 39.5 37.0 55.6
151 88.4 58.6 87.8

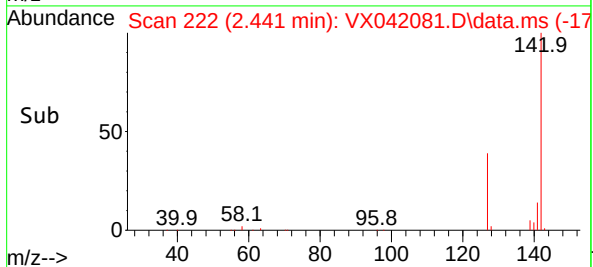
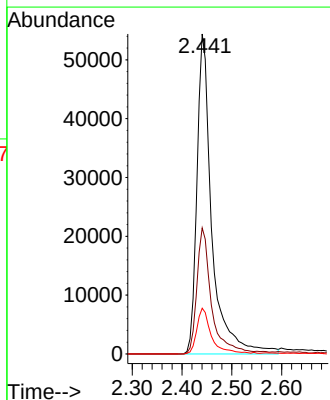
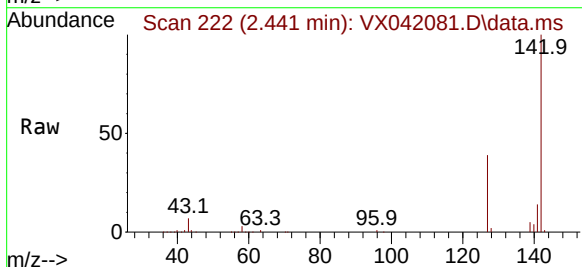
Manual Integrations
APPROVED

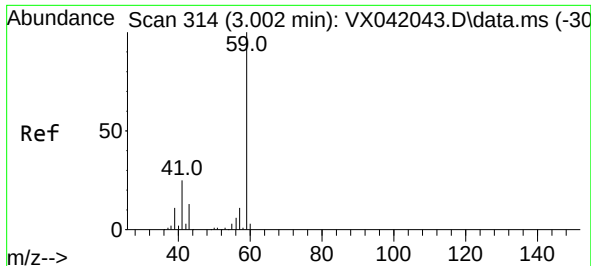
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#10
Methyl Iodide
Concen: 54.795 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

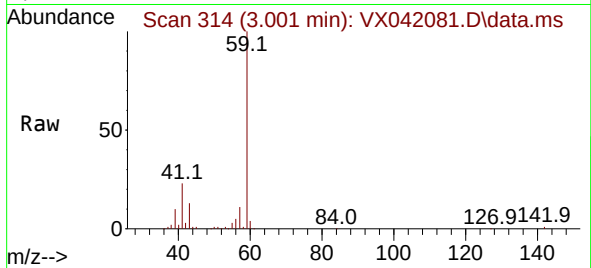
Tgt Ion:142 Resp: 113186
Ion Ratio Lower Upper
142 100
127 39.3 41.6 62.4#
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 216.956 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

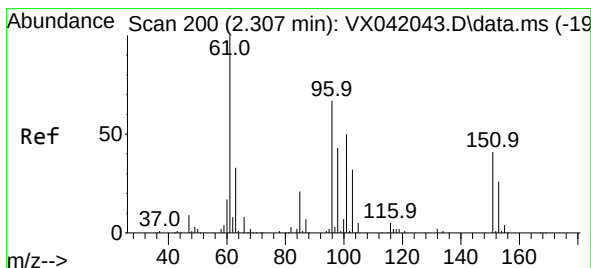
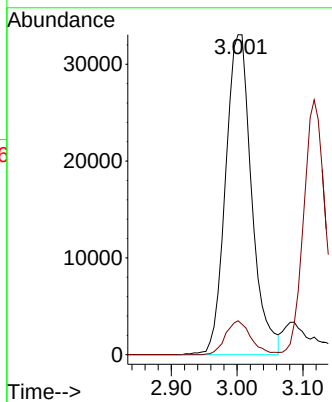
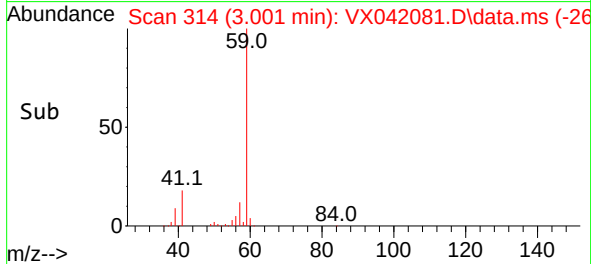
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 91258
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

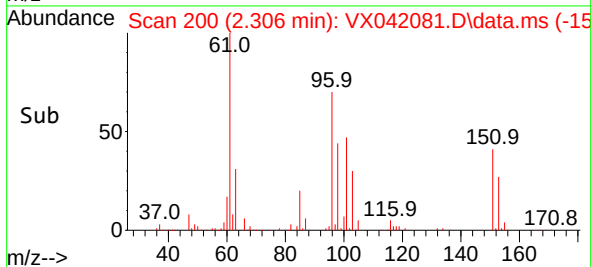
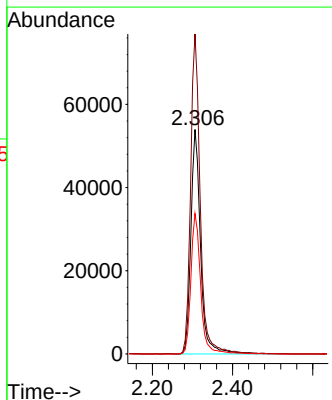
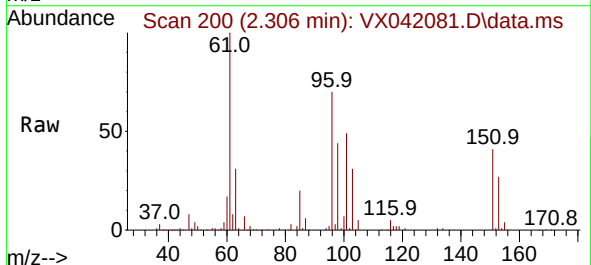
Manual Integrations
APPROVED

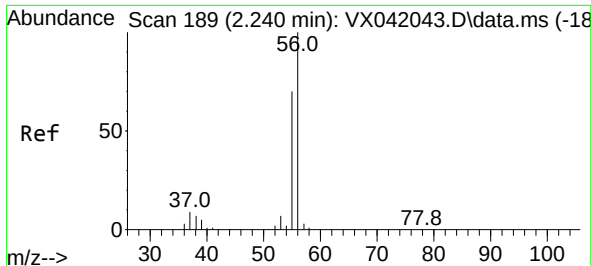
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#12
1,1-Dichloroethene
Concen: 54.780 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 96 Resp: 90813
Ion Ratio Lower Upper
96 100
61 142.6 144.6 216.8#
98 62.6 50.4 75.6





#13

Acrolein

Concen: 193.268 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 9112

Ion Ratio Lower Upper

56 100

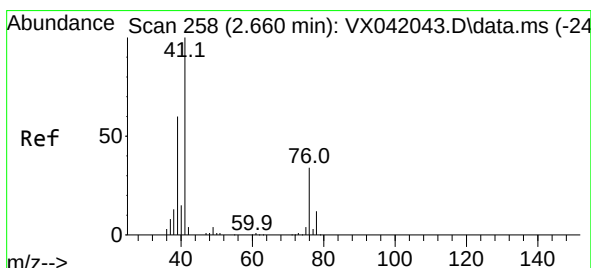
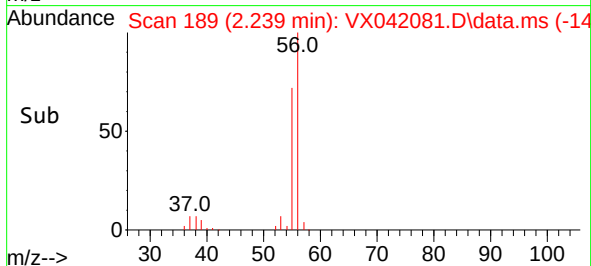
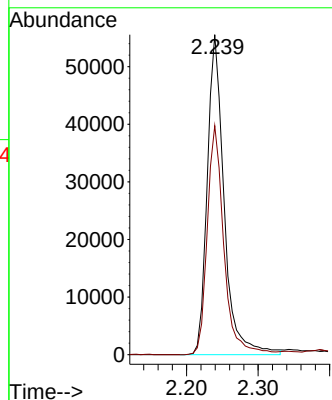
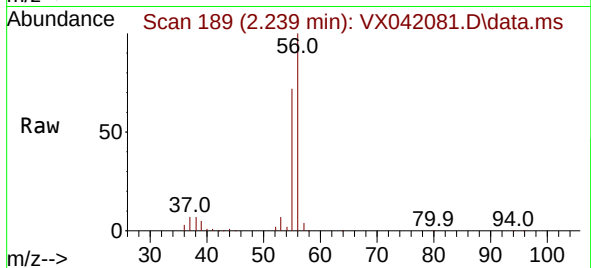
55 70.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#14

Allyl chloride

Concen: 51.408 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

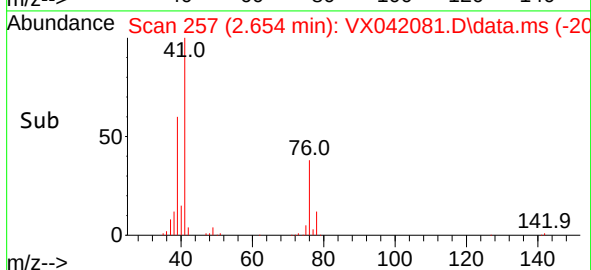
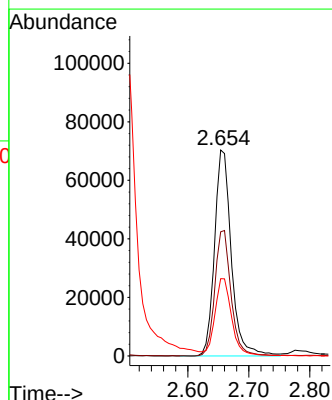
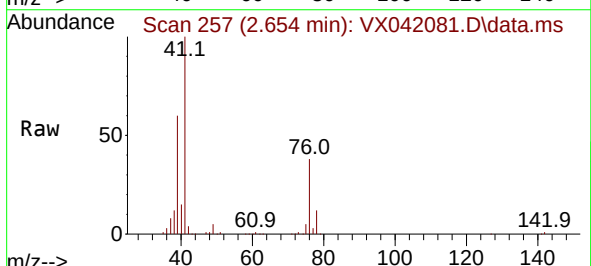
Tgt Ion: 41 Resp: 135158

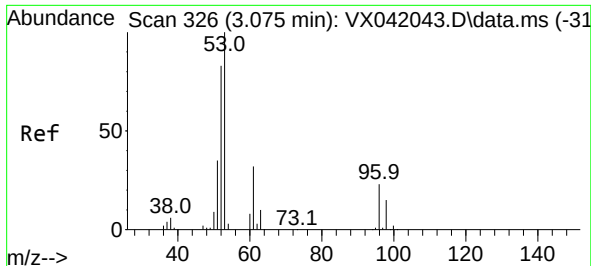
Ion Ratio Lower Upper

41 100

39 59.0 55.8 83.6

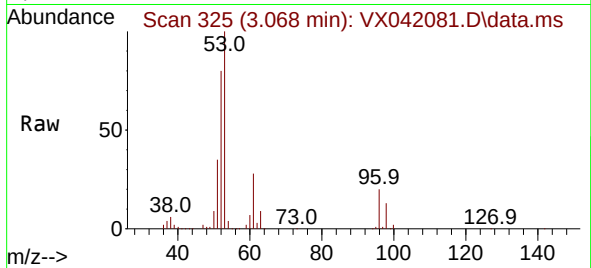
76 37.5 24.3 36.5#





#15
Acrylonitrile
Concen: 230.587 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

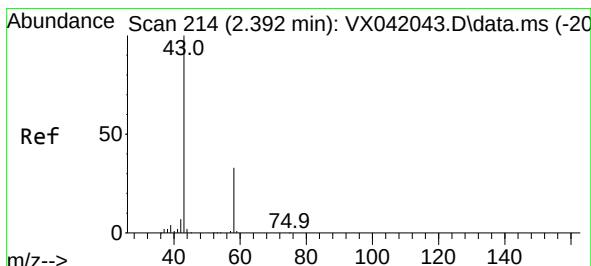
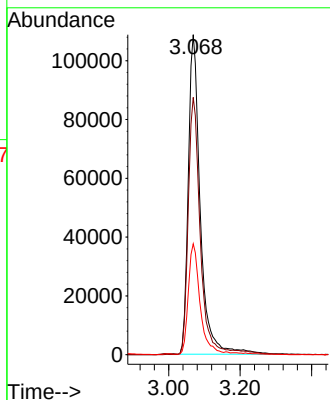
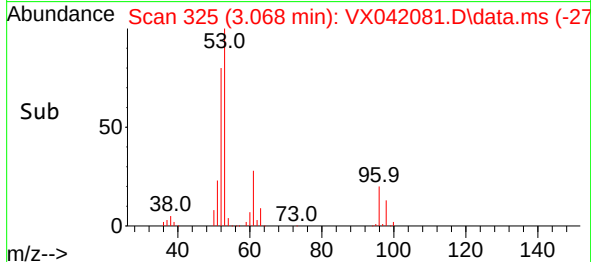
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 25334
Ion Ratio Lower Upper
53 100
52 81.9 66.0 99.0
51 33.5 29.8 44.6

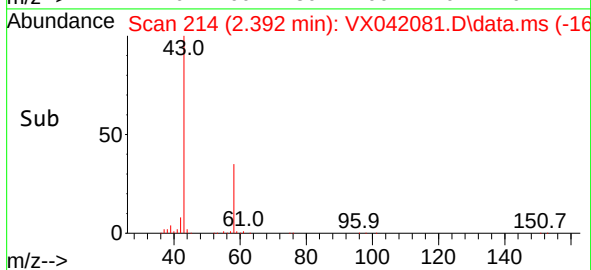
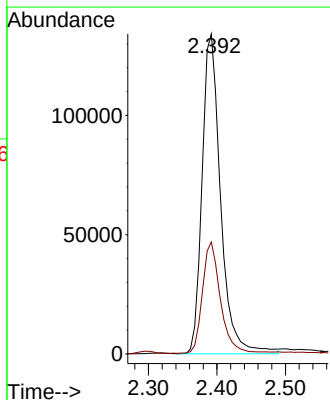
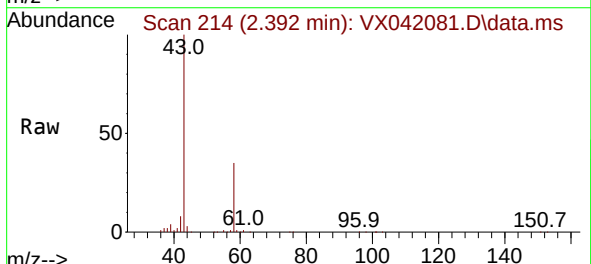
Manual Integrations
APPROVED

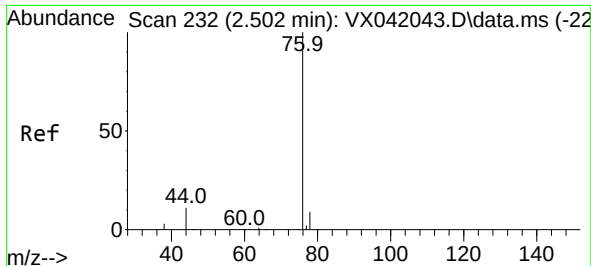
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#16
Acetone
Concen: 259.243 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

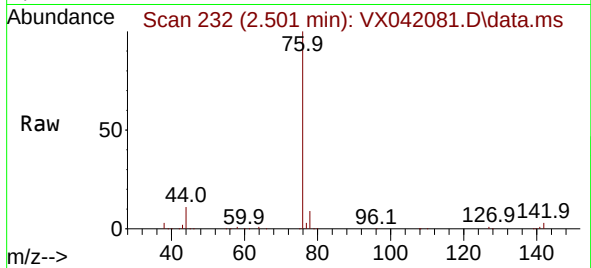
Tgt Ion: 43 Resp: 252298
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#





#17
Carbon Disulfide
Concen: 62.222 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

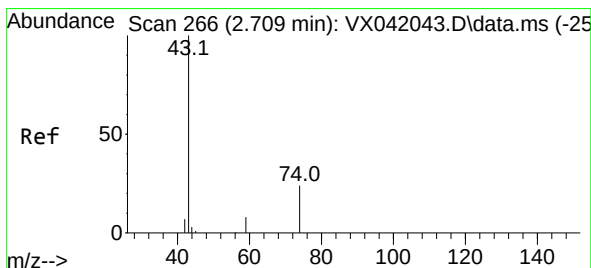
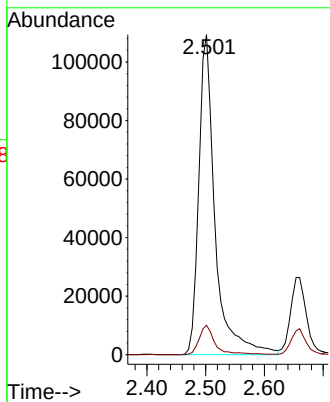
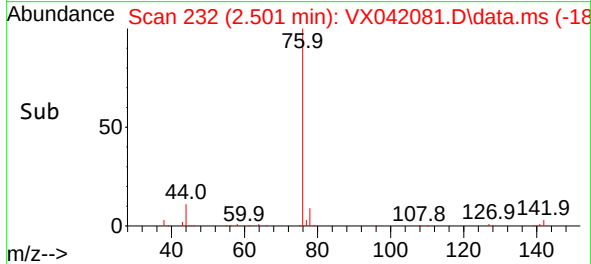
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 21032
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

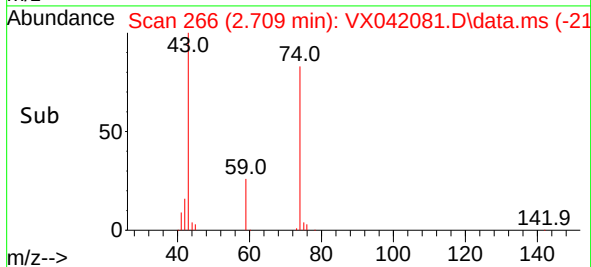
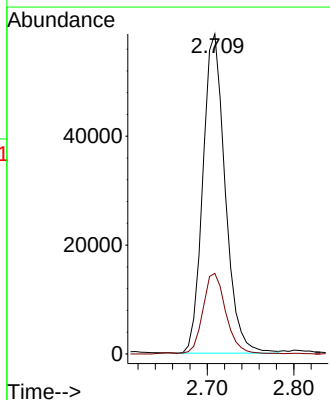
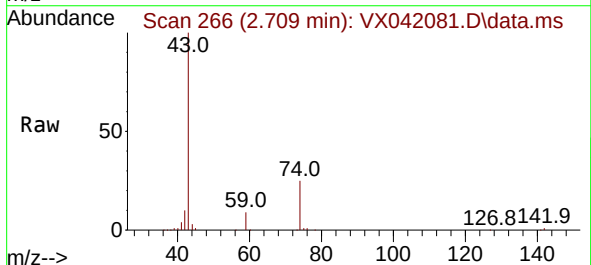
Manual Integrations
APPROVED

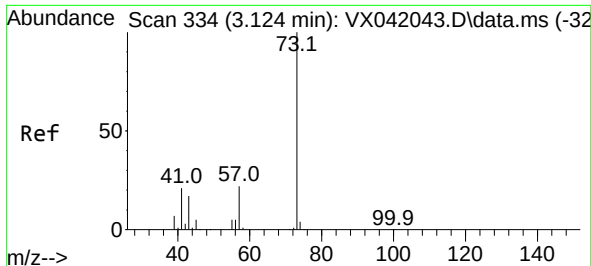
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#18
Methyl Acetate
Concen: 39.590 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 43 Resp: 105107
Ion Ratio Lower Upper
43 100
74 25.5 17.8 26.8





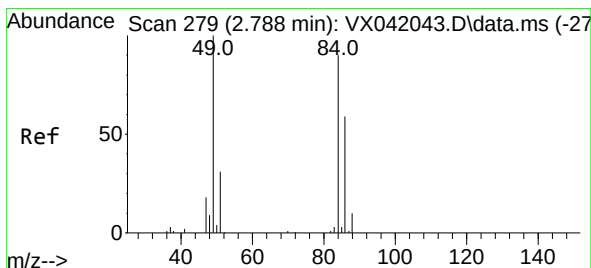
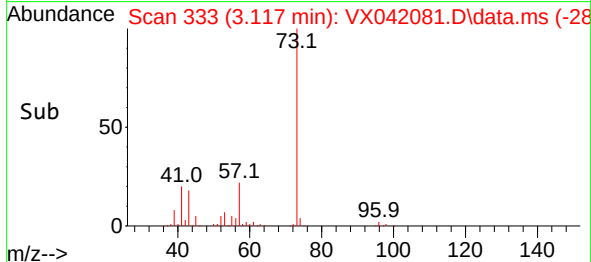
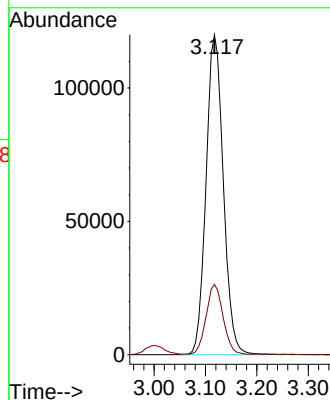
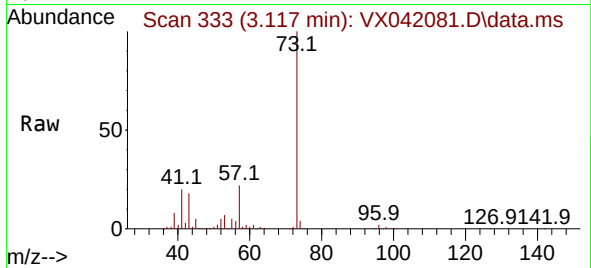
#19
Methyl tert-butyl Ether
Concen: 51.158 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 28018
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

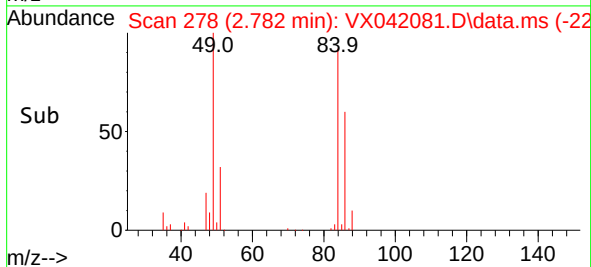
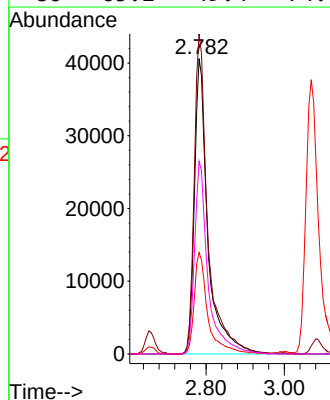
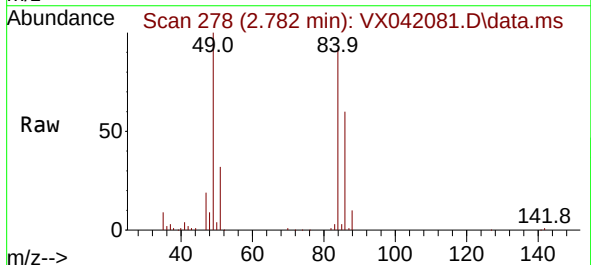
Manual Integrations
APPROVED

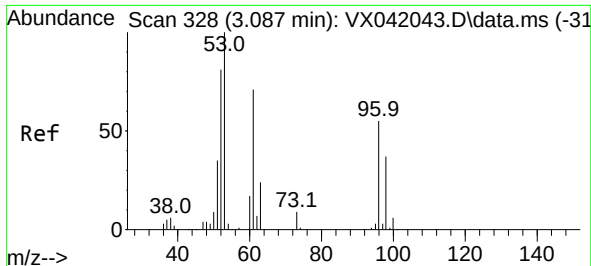
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#20
Methylene Chloride
Concen: 45.834 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

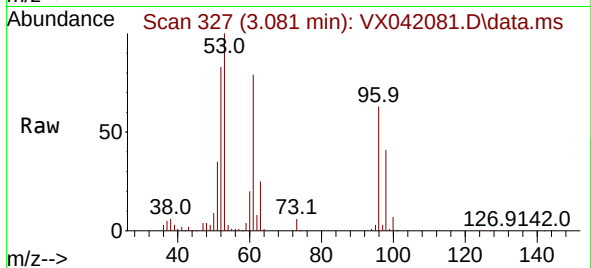
Tgt Ion: 84 Resp: 97672
Ion Ratio Lower Upper
84 100
49 108.4 103.6 155.4
51 34.3 33.8 50.6
86 65.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 54.293 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

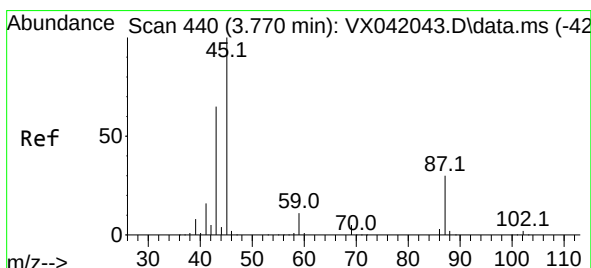
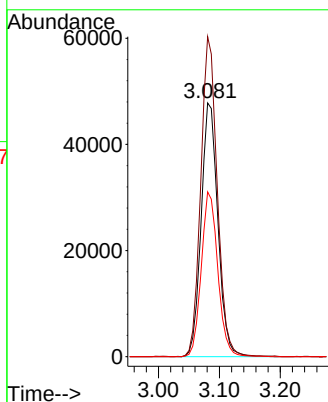
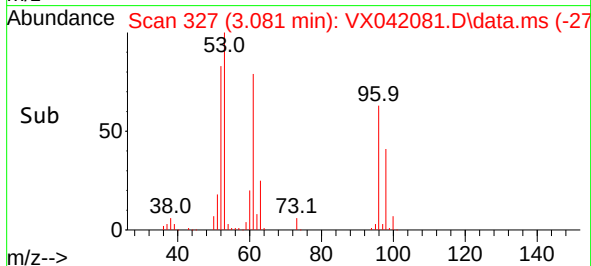
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 91348
Ion Ratio Lower Upper
96 100
61 126.0 119.2 178.8
98 65.0 48.7 73.1

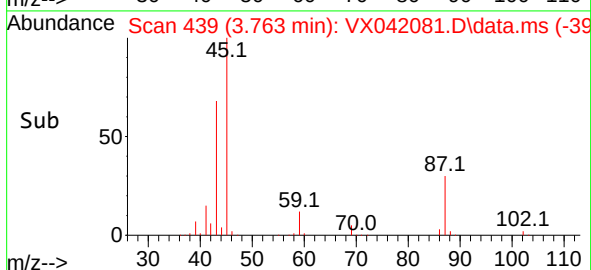
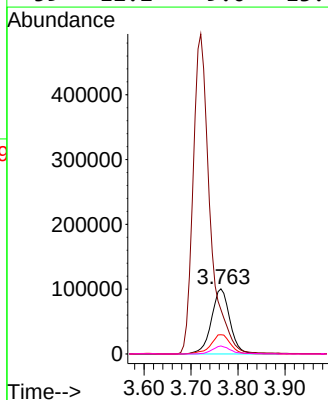
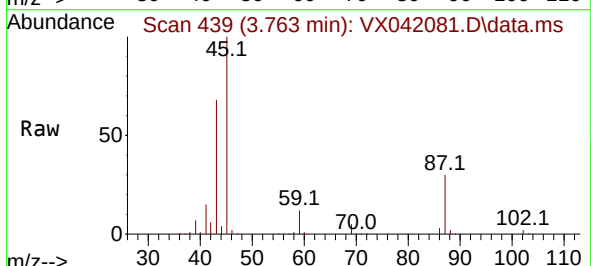
Manual Integrations
APPROVED

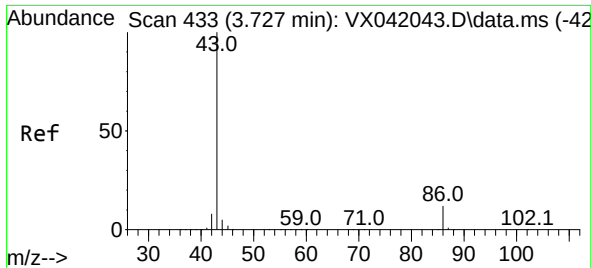
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#22
Diisopropyl ether
Concen: 49.388 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

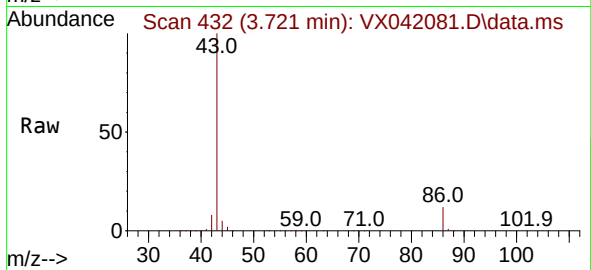
Tgt Ion: 45 Resp: 274464
Ion Ratio Lower Upper
45 100
43 67.7 69.7 104.5#
87 29.5 20.8 31.2
59 12.2 9.0 13.4





#23
Vinyl Acetate
Concen: 261.692 ug/l
RT: 3.721 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

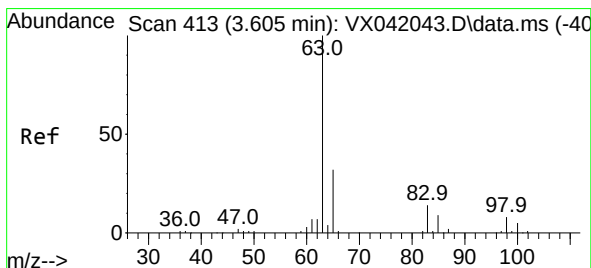
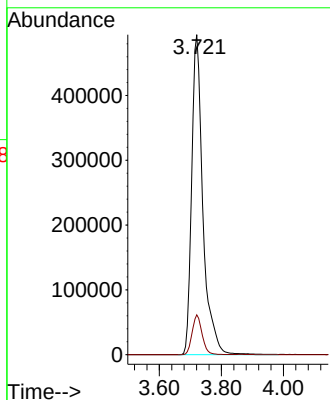
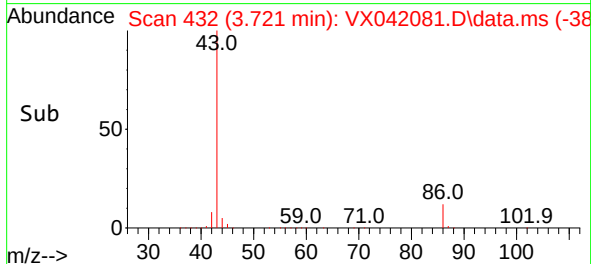
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



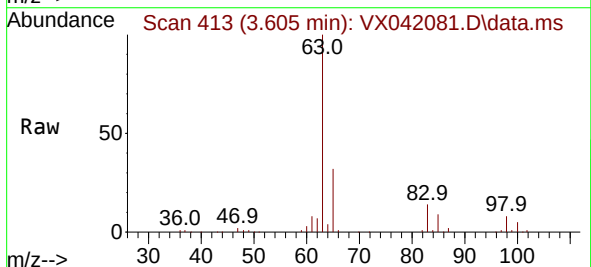
Tgt Ion: 43 Resp: 124200
Ion Ratio Lower Upper
43 100
86 12.4 7.8 11.8

Manual Integrations
APPROVED

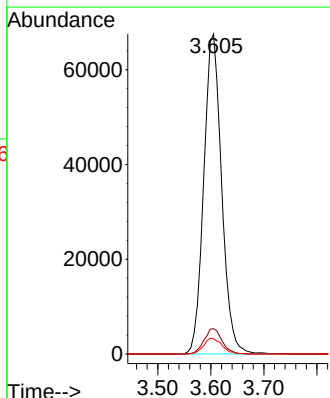
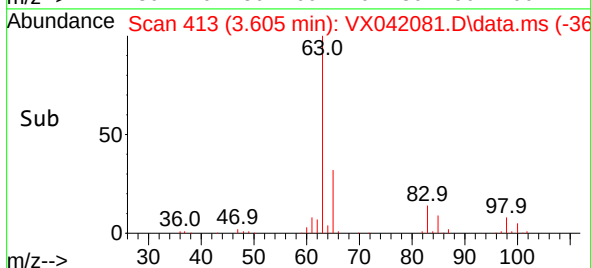
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

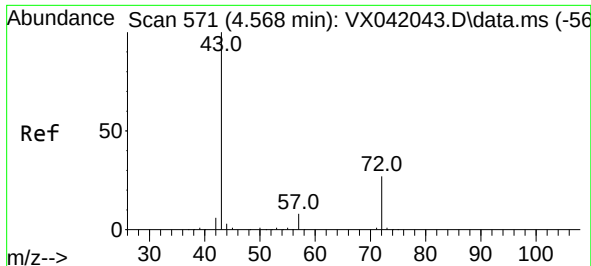


#24
1,1-Dichloroethane
Concen: 50.815 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



Tgt Ion: 63 Resp: 158144
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.8
100 4.8 2.1 6.5





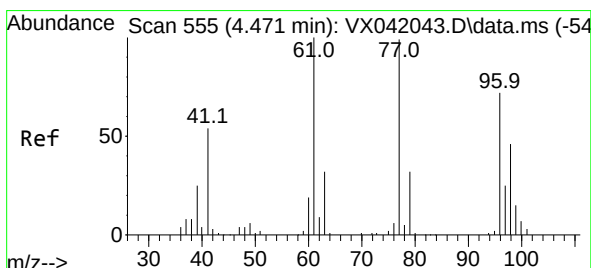
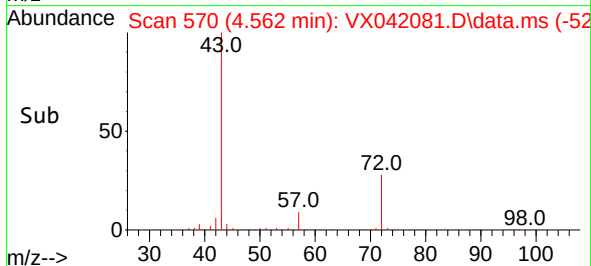
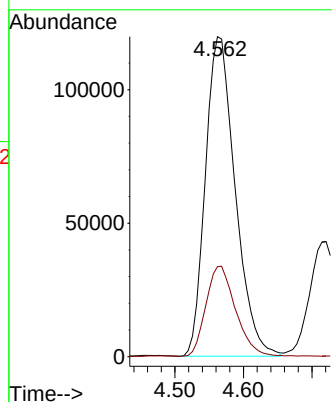
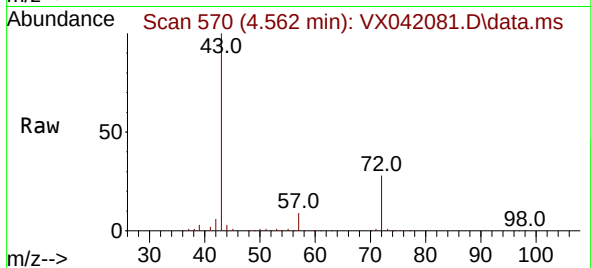
#25
2-Butanone
Concen: 239.490 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 362600
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2

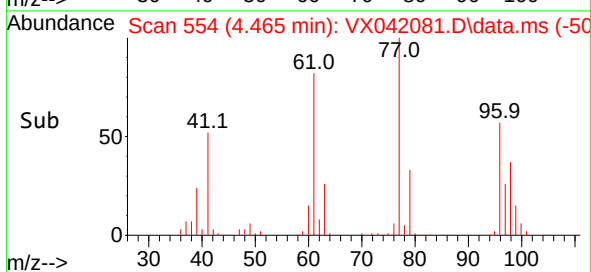
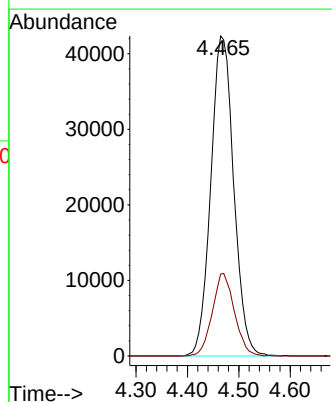
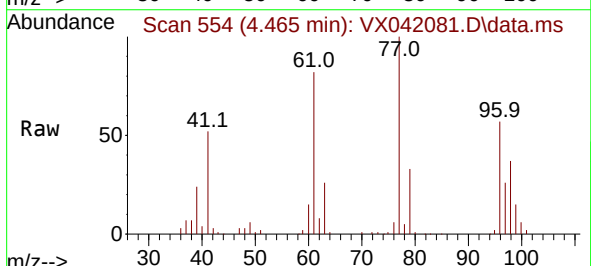
Manual Integrations
APPROVED

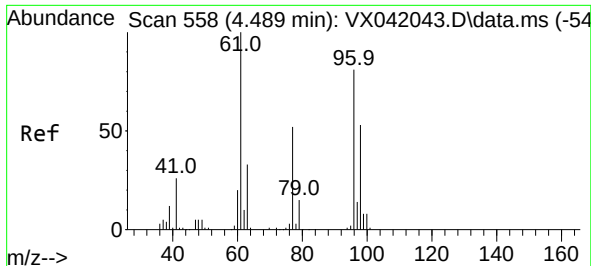
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#26
2,2-Dichloropropane
Concen: 58.172 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 77 Resp: 131102
Ion Ratio Lower Upper
77 100
97 24.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.440 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 110504

Ion Ratio Lower Upper

96 100

61 129.0 0.0 312.2

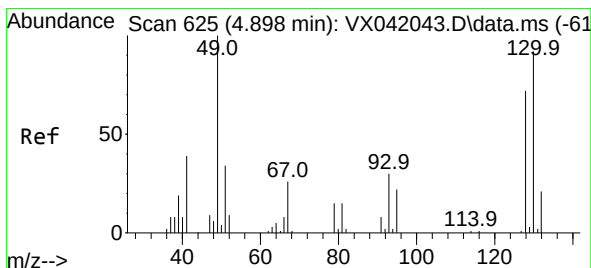
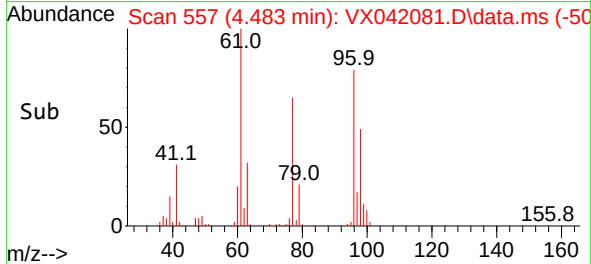
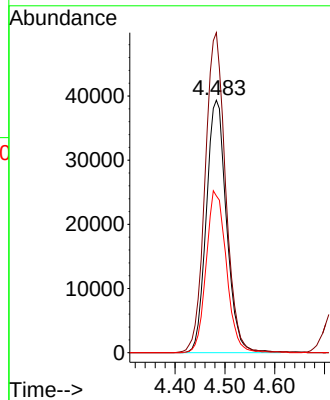
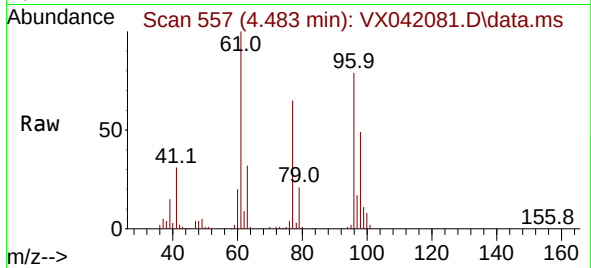
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#28

Bromochloromethane

Concen: 42.790 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

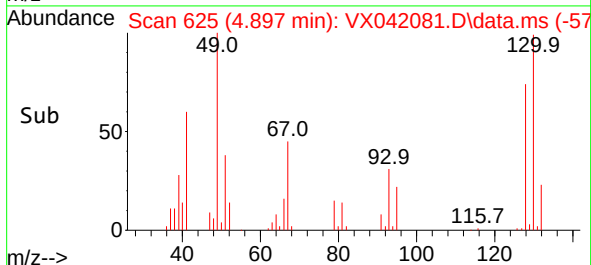
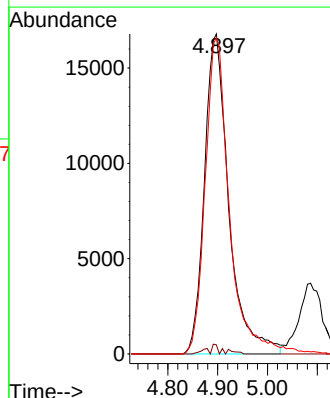
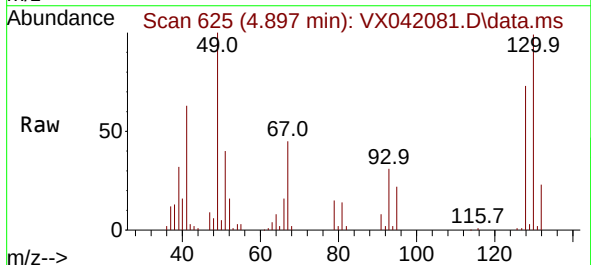
Tgt Ion: 49 Resp: 57038

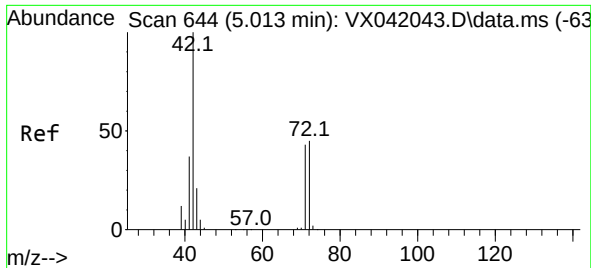
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

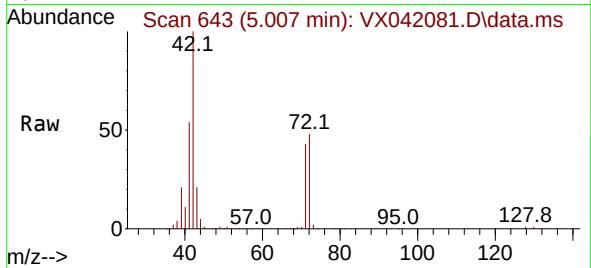
130 98.6 57.5 86.3#





#29
Tetrahydrofuran
Concen: 227.975 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.012 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

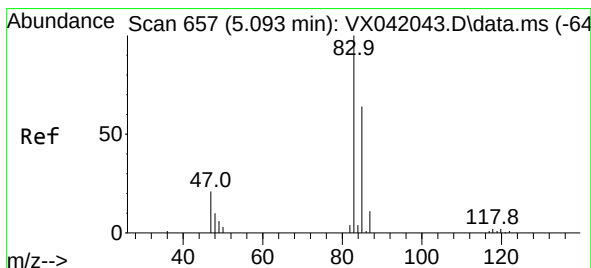
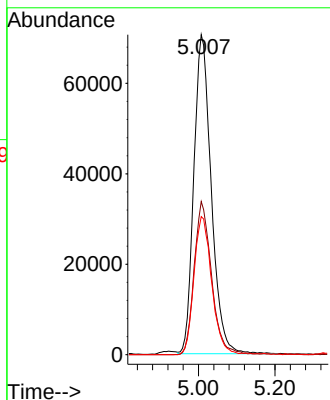
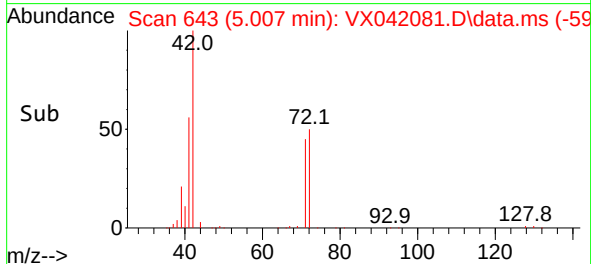
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 222923
Ion Ratio Lower Upper
42 100
72 47.8 34.2 51.4
71 44.1 32.2 48.2

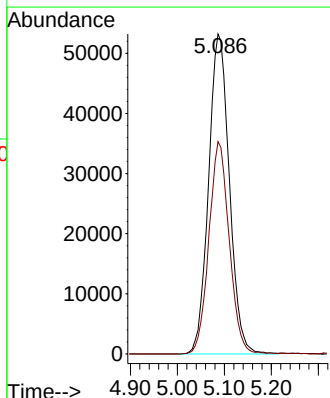
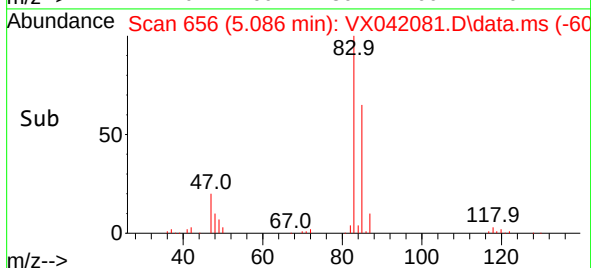
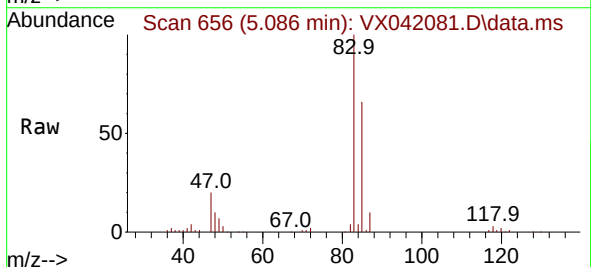
Manual Integrations
APPROVED

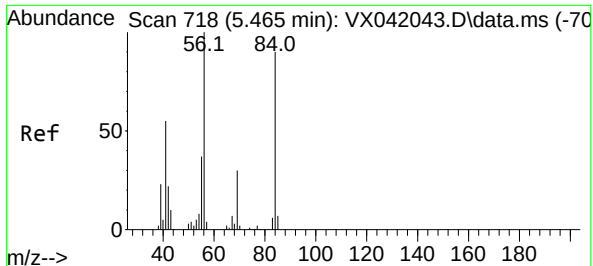
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#30
Chloroform
Concen: 50.385 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

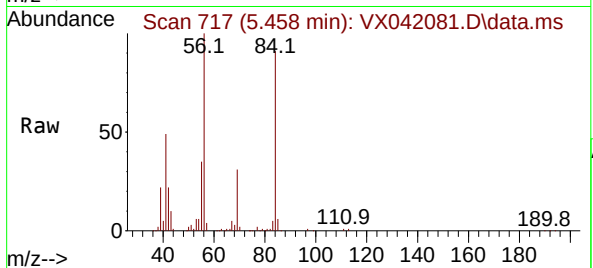
Tgt Ion: 83 Resp: 163364
Ion Ratio Lower Upper
83 100
85 66.4 50.3 75.5





#31
Cyclohexane
Concen: 54.544 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

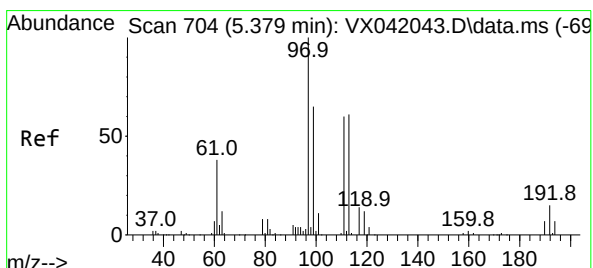
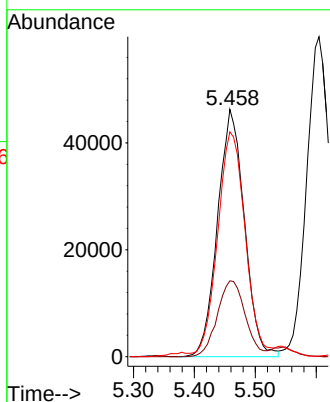
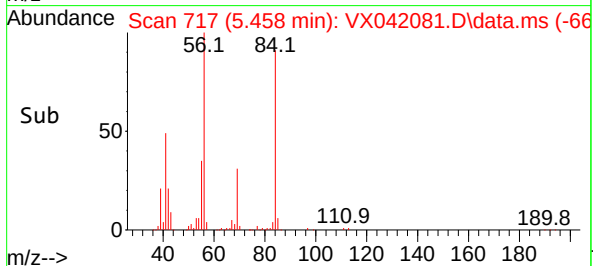
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14137
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 89.7 65.9 98.9

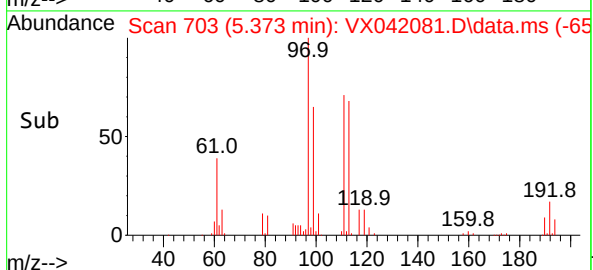
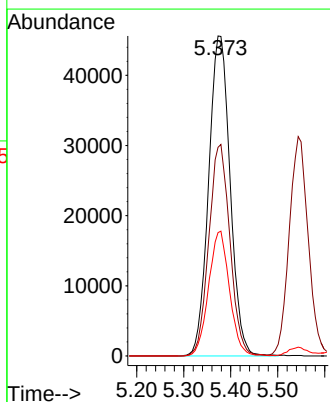
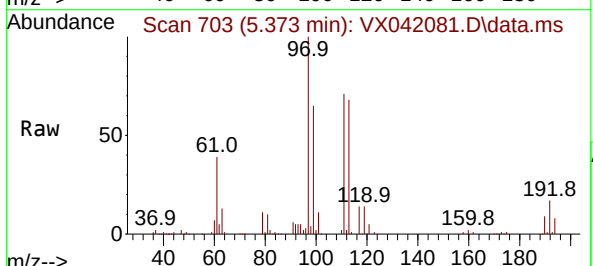
Manual Integrations
APPROVED

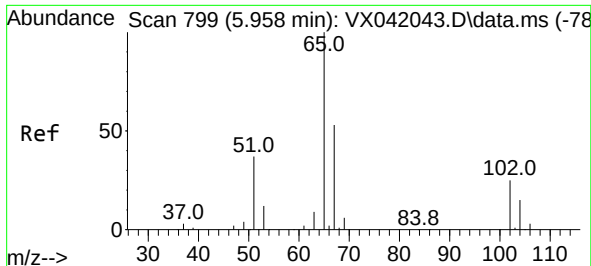
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#32
1,1,1-Trichloroethane
Concen: 53.410 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 97 Resp: 144701
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 38.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.450 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10516

Ion Ratio Lower Upper

65 100

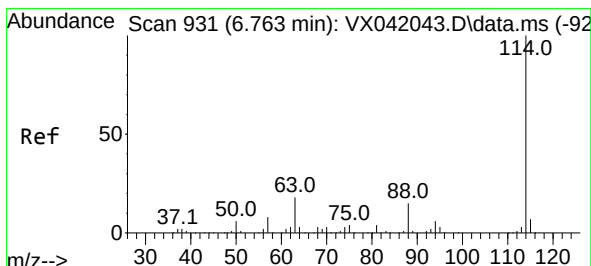
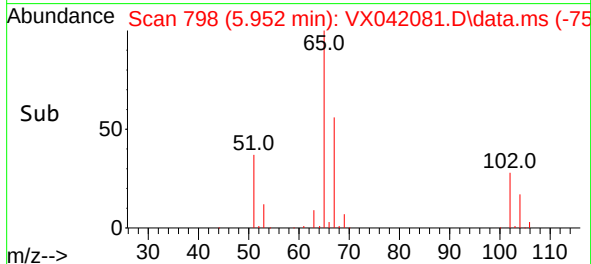
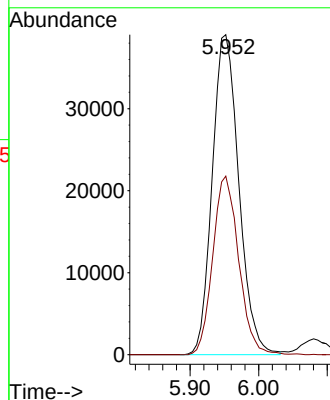
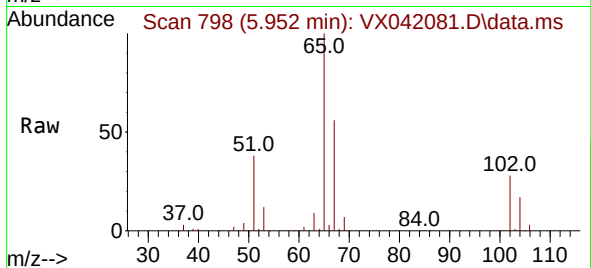
67 54.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

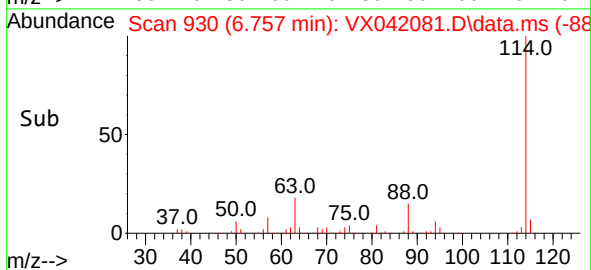
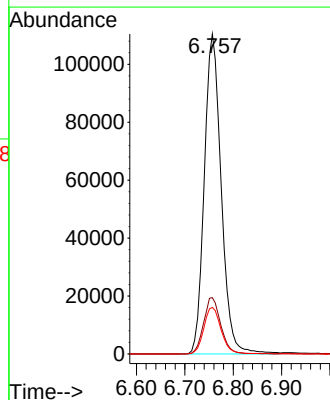
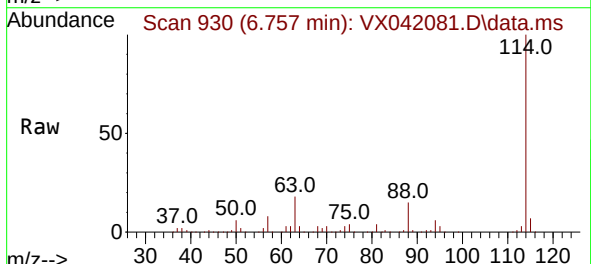
Tgt Ion:114 Resp: 268664

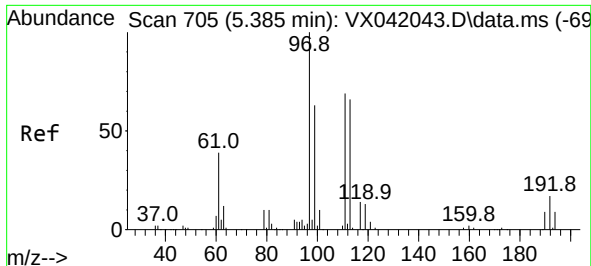
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

88 14.5 0.0 36.6





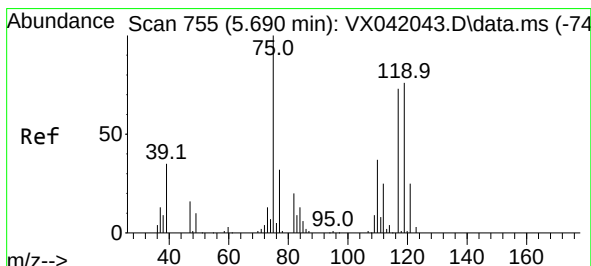
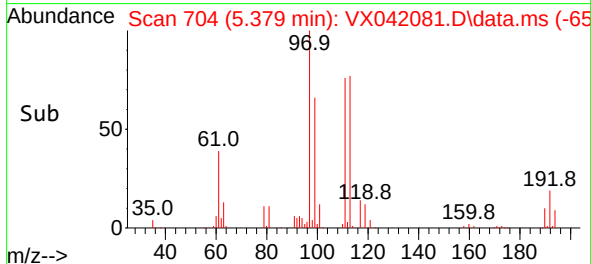
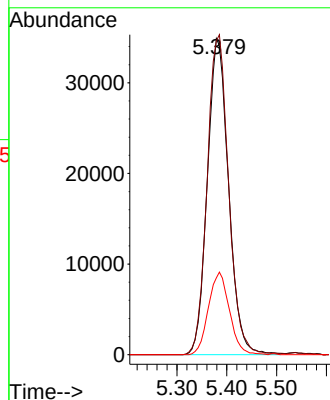
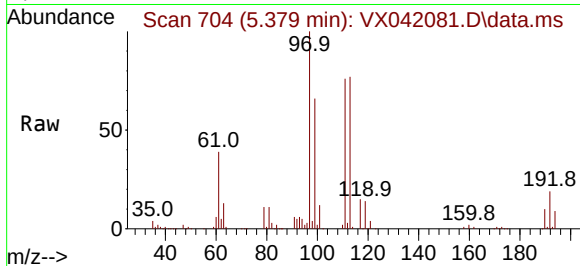
#35
Dibromofluoromethane
Concen: 54.053 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 103042
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.8 13.3 19.9

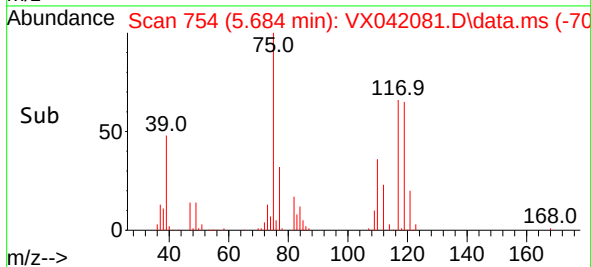
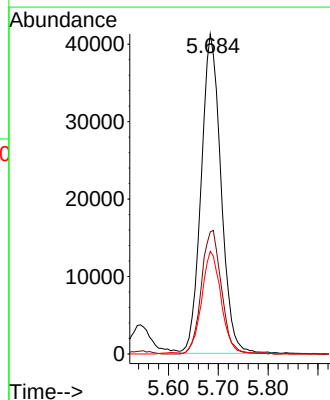
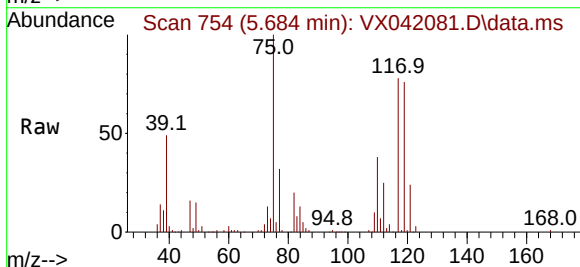
Manual Integrations
APPROVED

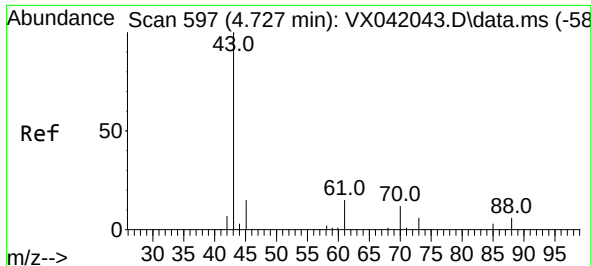
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#36
1,1-Dichloropropene
Concen: 56.256 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 75 Resp: 113880
Ion Ratio Lower Upper
75 100
110 39.1 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 50.189 ug/l

RT: 4.721 min Scan# 597

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 132348

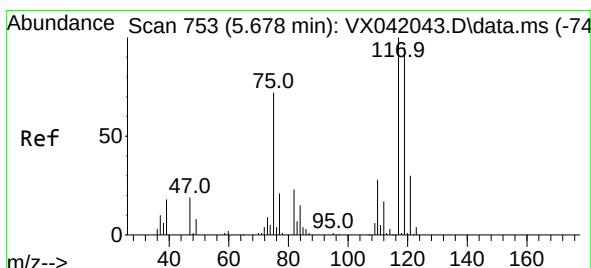
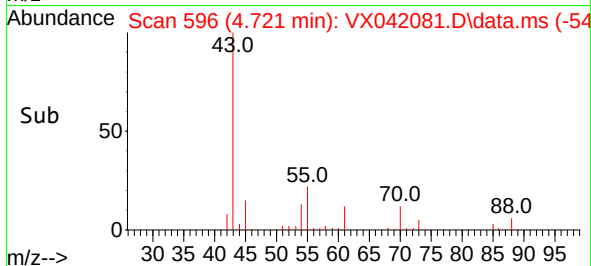
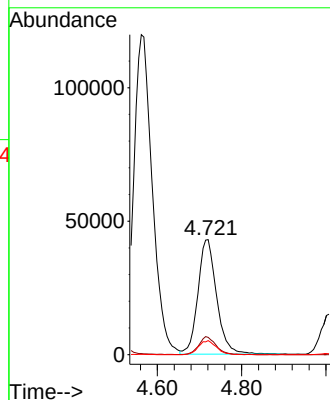
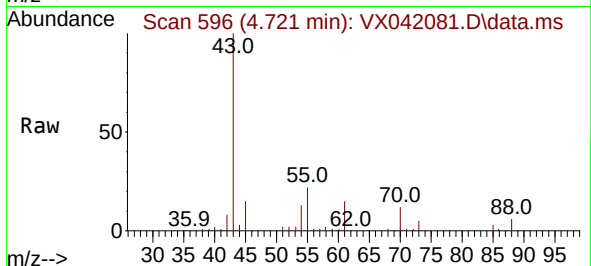
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	11.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#38

Carbon Tetrachloride

Concen: 57.650 ug/l

RT: 5.666 min Scan# 751

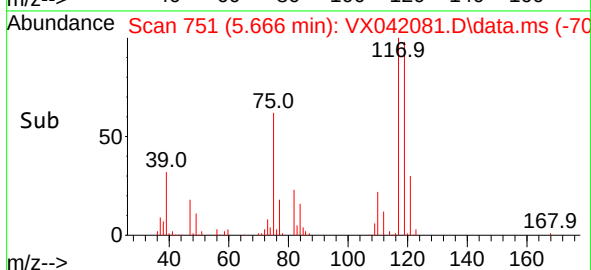
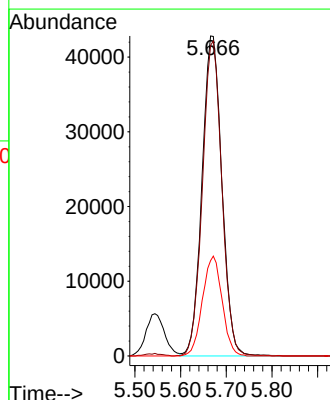
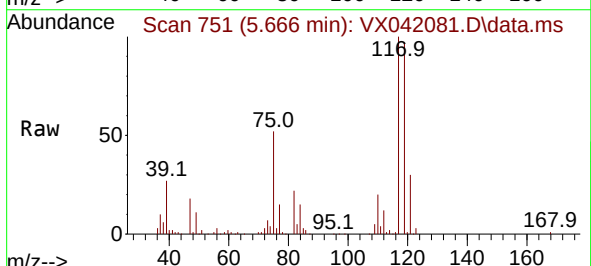
Delta R.T. -0.012 min

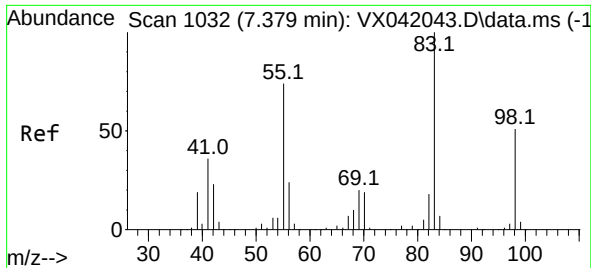
Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Tgt Ion:117 Resp: 128943

Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.2
121	29.8	24.4	36.6





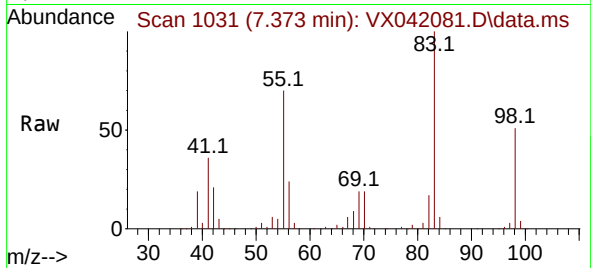
#39
Methylcyclohexane
Concen: 60.736 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



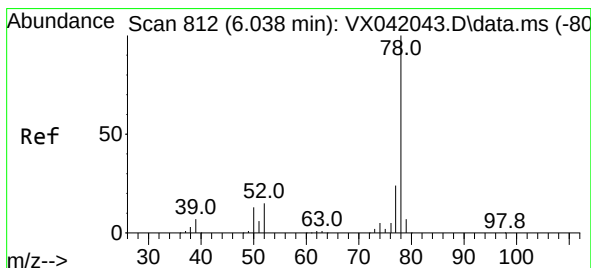
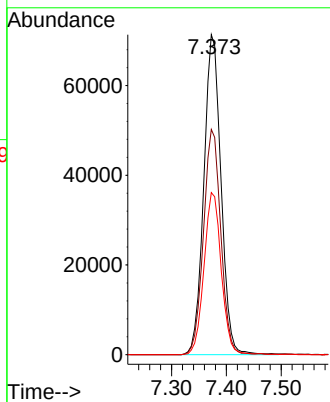
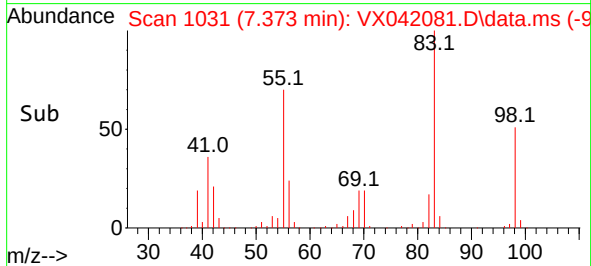
Tgt Ion: 83 Resp: 15549
Ion Ratio Lower Upper
83 100
55 70.4 64.6 97.0
98 50.6 36.7 55.1

Manual Integrations

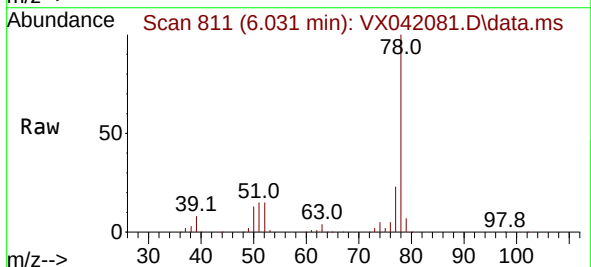
APPROVED

Reviewed By :John Carlone 07/01/2024

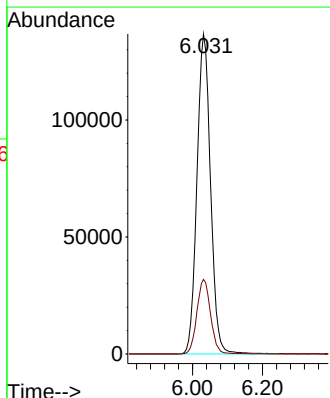
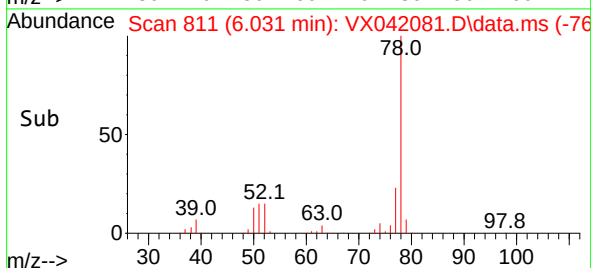
Supervised By :Mahesh Dadoda 07/01/2024

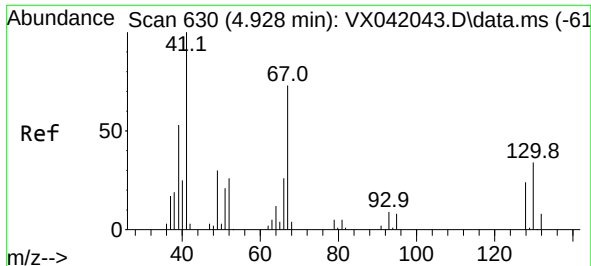


#40
Benzene
Concen: 53.882 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



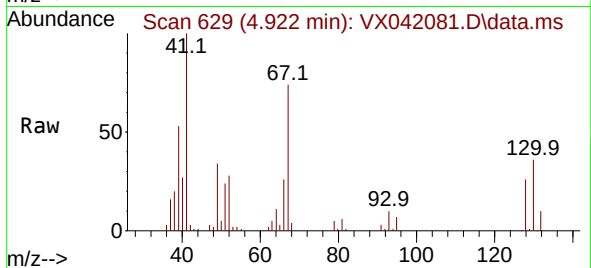
Tgt Ion: 78 Resp: 367871
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 50.010 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

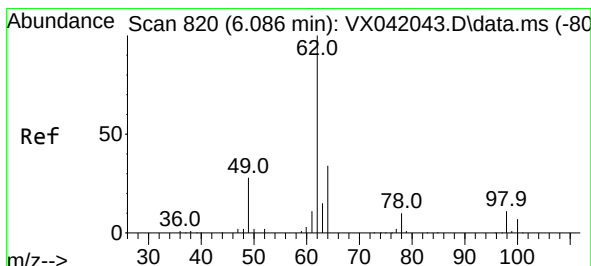
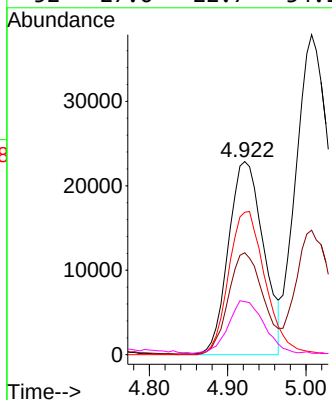
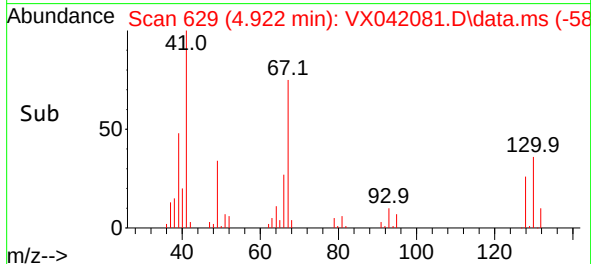
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 71480
Ion Ratio Lower Upper
41 100
39 52.0 45.2 67.8
67 77.2 52.6 78.8
52 27.6 22.7 34.1

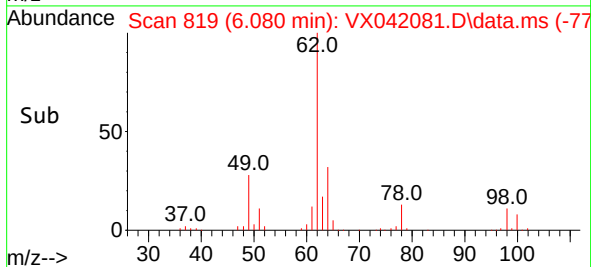
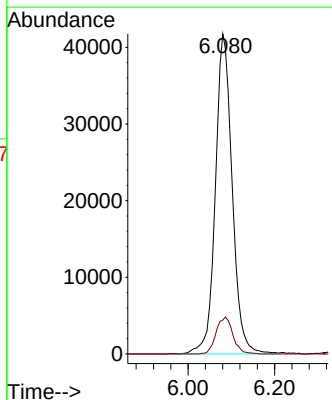
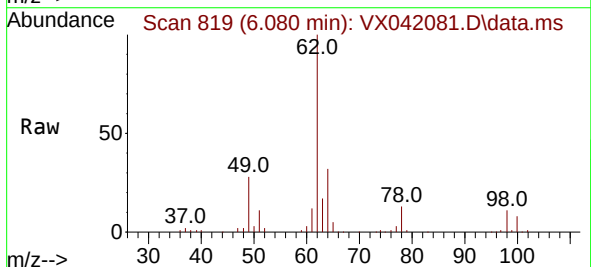
Manual Integrations
APPROVED

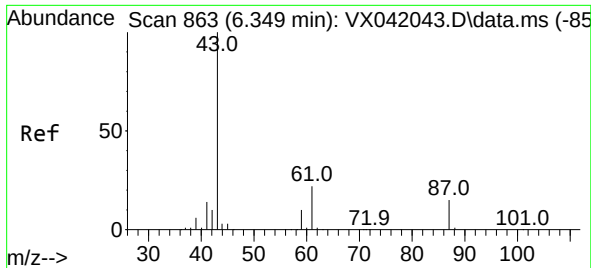
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#42
1,2-Dichloroethane
Concen: 51.299 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

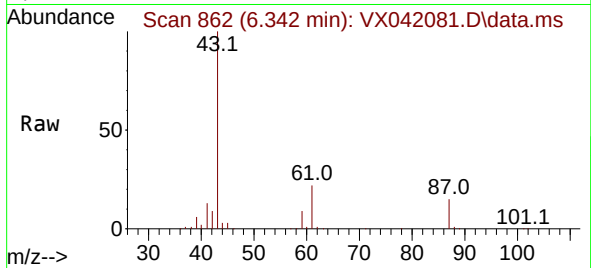
Tgt Ion: 62 Resp: 112815
Ion Ratio Lower Upper
62 100
98 11.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.653 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

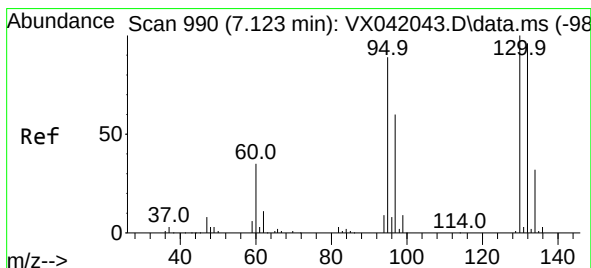
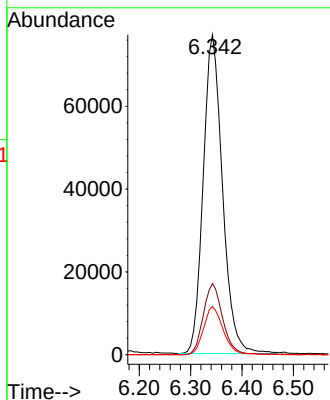
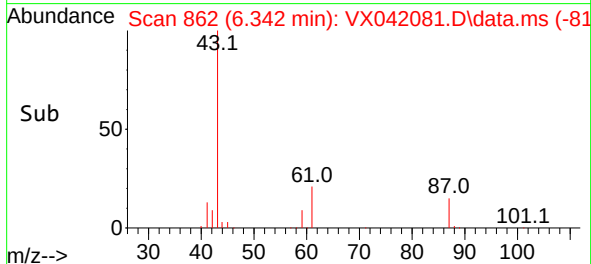
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 20097
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 15.2 9.8 14.6

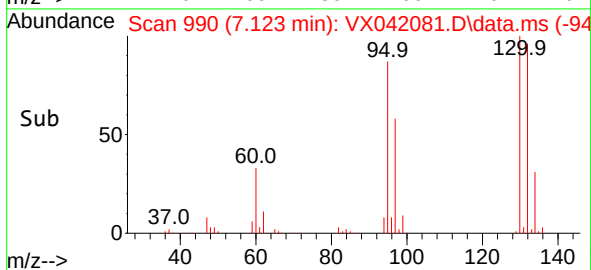
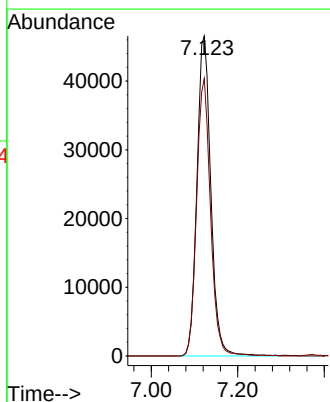
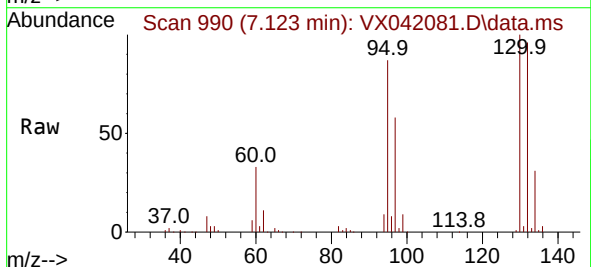
Manual Integrations
APPROVED

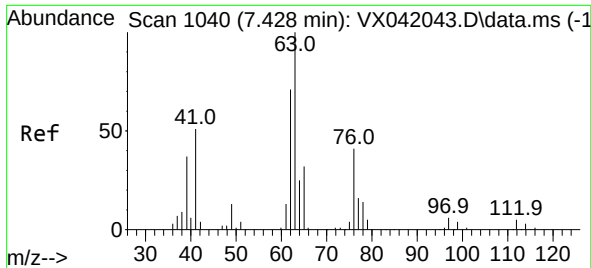
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#44
Trichloroethene
Concen: 56.673 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion:130 Resp: 103715
Ion Ratio Lower Upper
130 100
95 86.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.605 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 88310

Ion Ratio Lower Upper

63 100

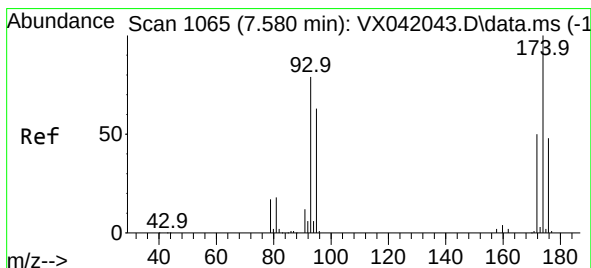
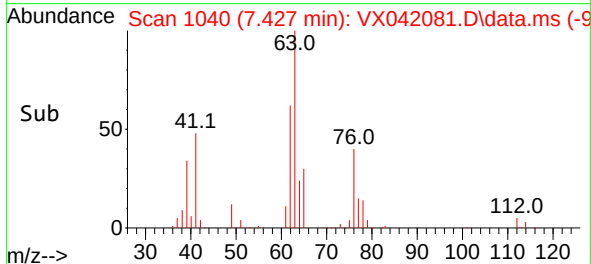
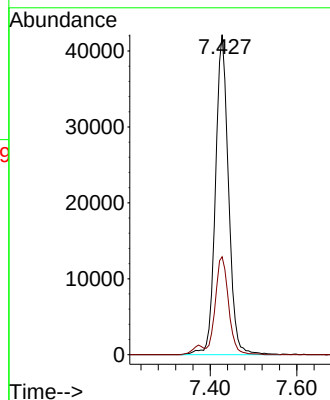
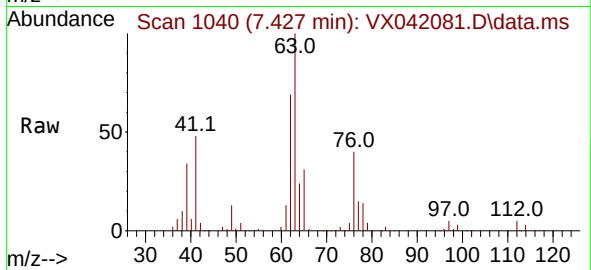
65 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#46

Dibromomethane

Concen: 53.162 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

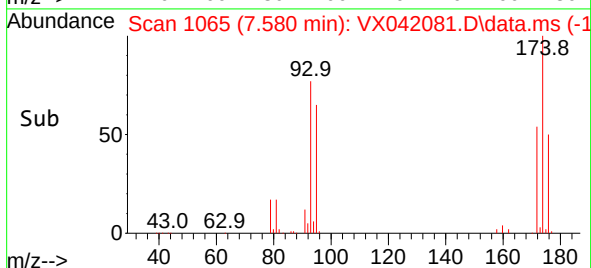
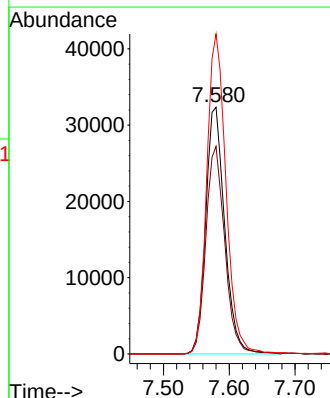
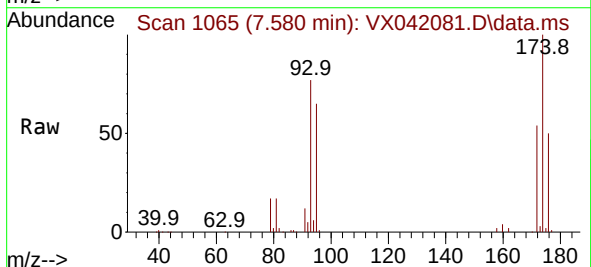
Tgt Ion: 93 Resp: 65026

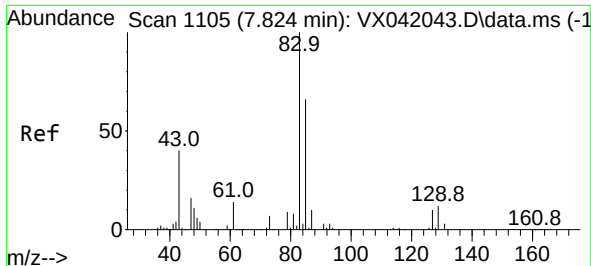
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

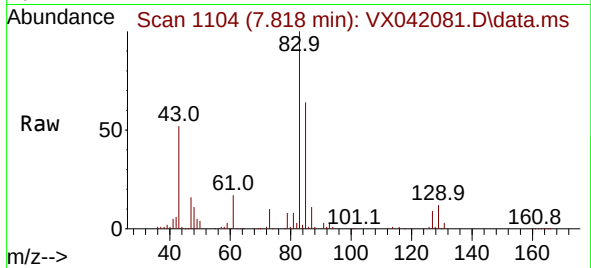
174 131.5 69.4 104.0#





#47
Bromodichloromethane
Concen: 54.609 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

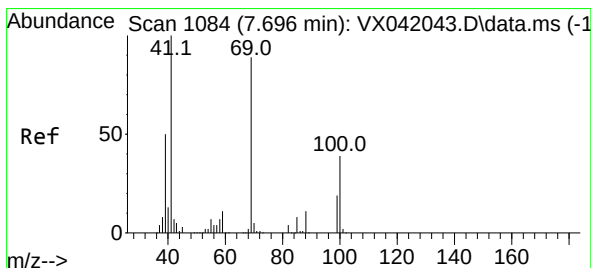
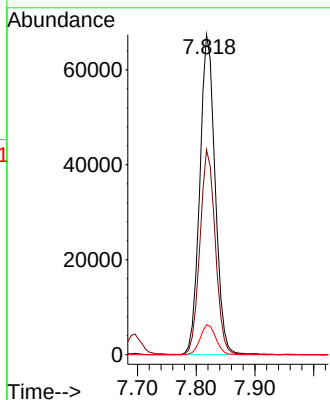
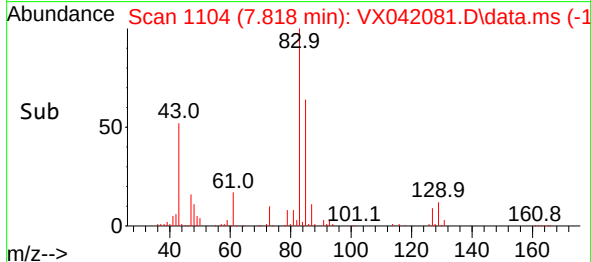
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 122630
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 9.3 7.1 10.7

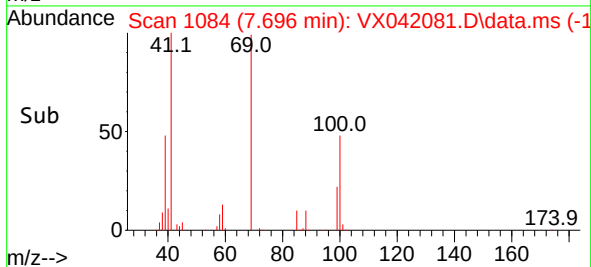
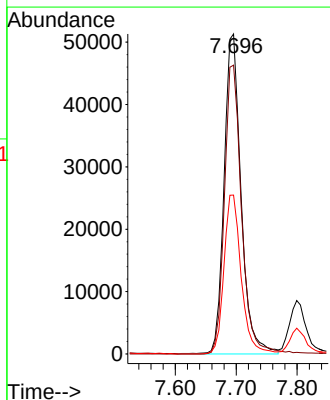
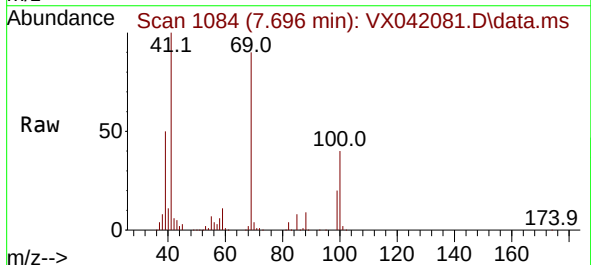
Manual Integrations
APPROVED

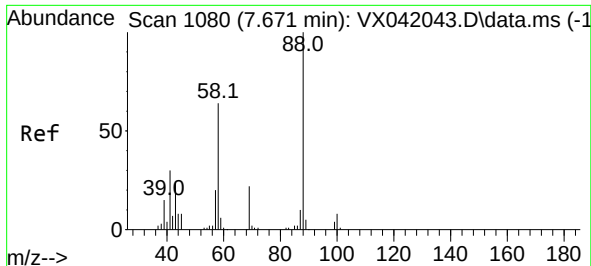
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#48
Methyl methacrylate
Concen: 51.435 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

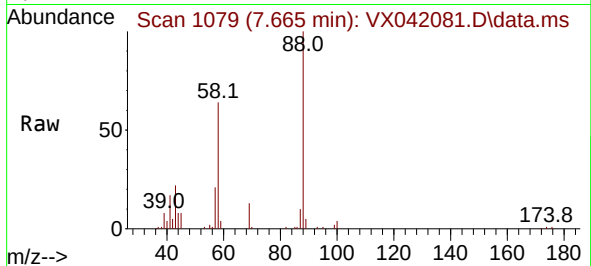
Tgt Ion: 41 Resp: 99358
Ion Ratio Lower Upper
41 100
69 91.5 59.2 88.8#
39 50.5 47.7 71.5





#49
1,4-Dioxane
Concen: 888.764 ug/l m
RT: 7.665 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

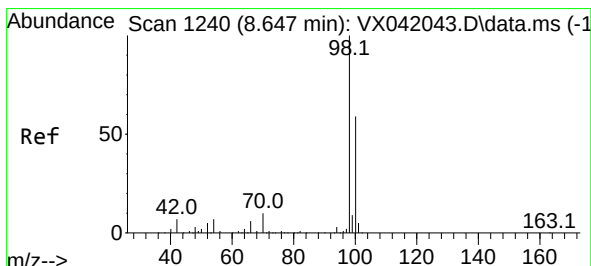
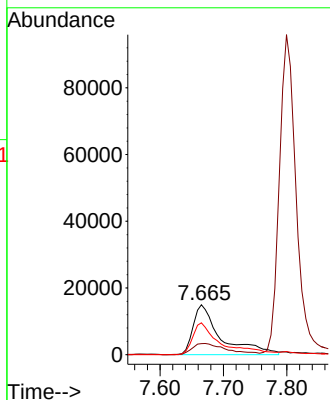
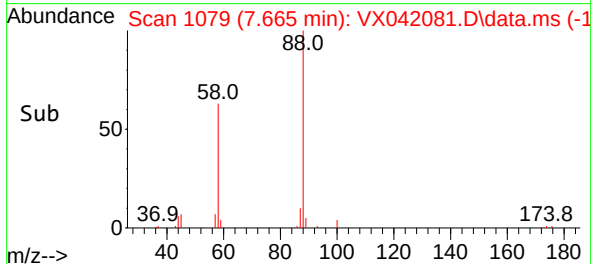
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 45312
Ion Ratio Lower Upper
88 100
43 28.1 0.0 0.0
58 64.2 60.1 90.1

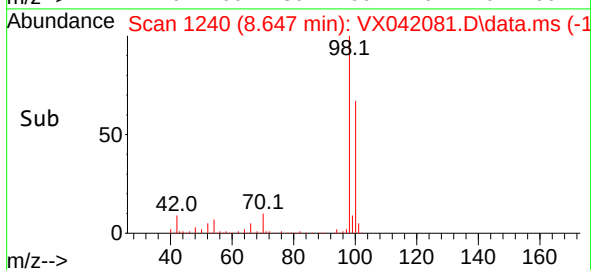
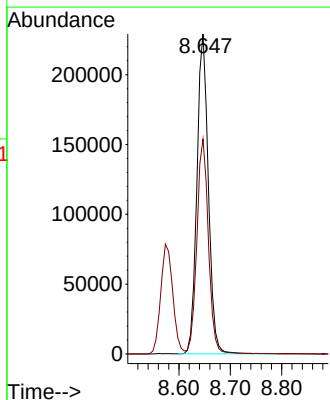
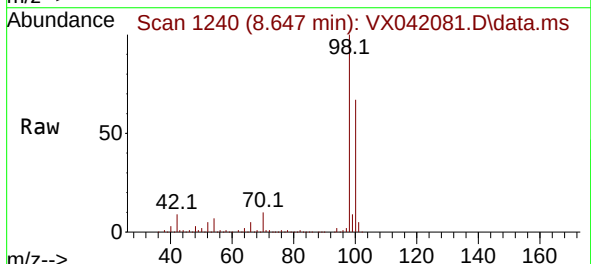
Manual Integrations
APPROVED

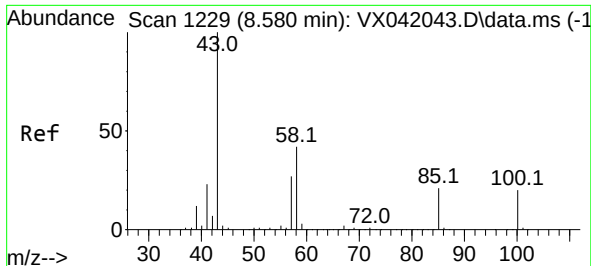
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#50
Toluene-d8
Concen: 52.716 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 98 Resp: 353039
Ion Ratio Lower Upper
98 100
100 67.7 53.1 79.7





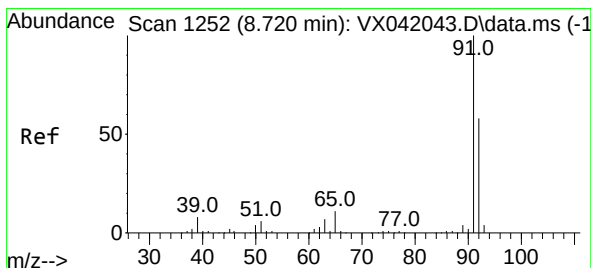
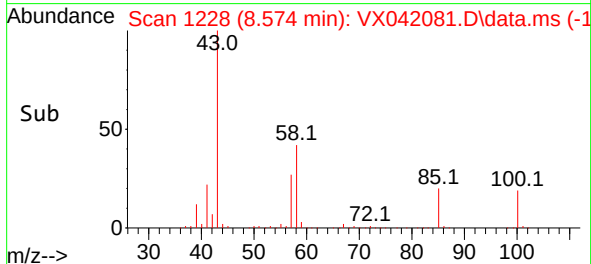
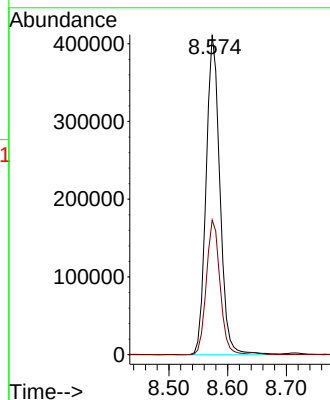
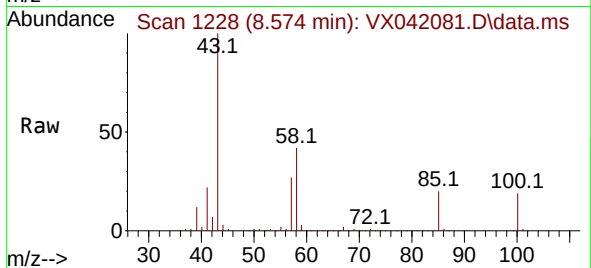
#51
4-Methyl-2-Pentanone
Concen: 240.240 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66983
Ion Ratio Lower Upper
43 100
58 41.8 30.4 45.6

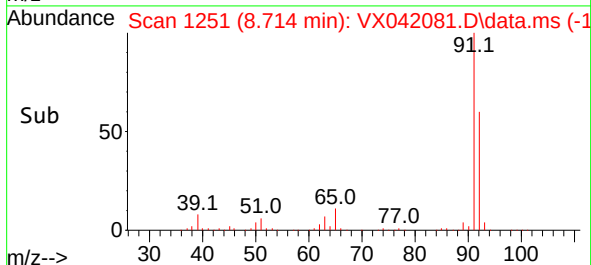
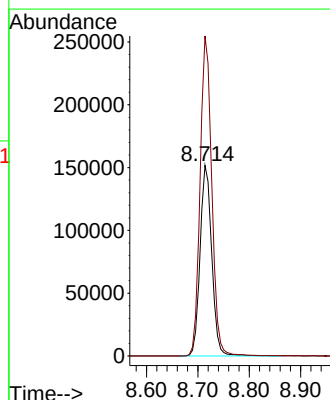
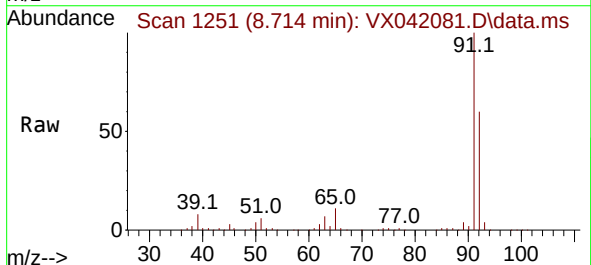
Manual Integrations
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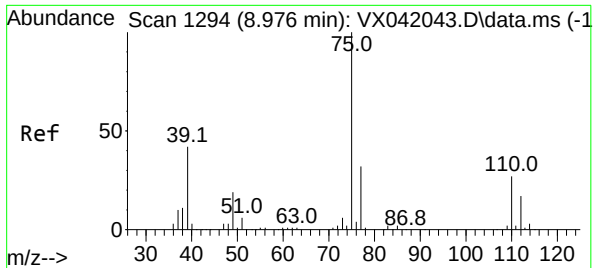
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#52
Toluene
Concen: 55.071 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 92 Resp: 239425
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.468 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 127379

Ion Ratio Lower Upper

75 100

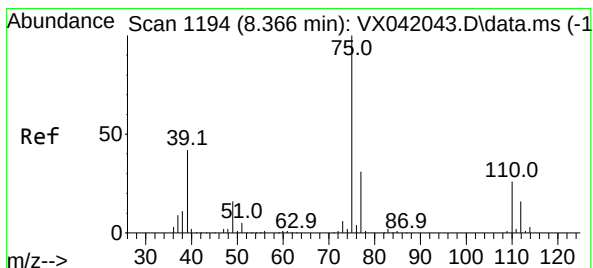
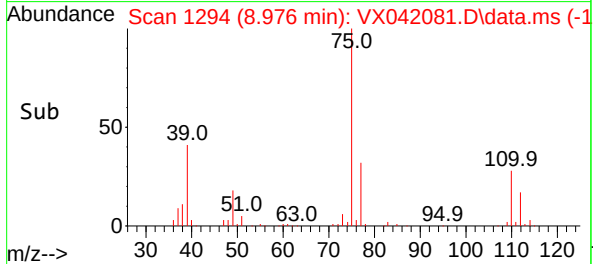
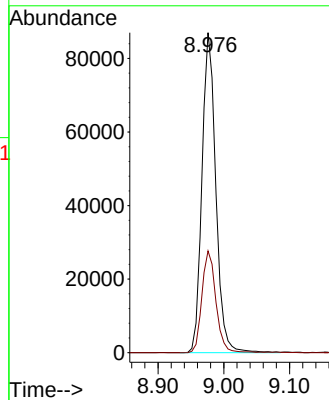
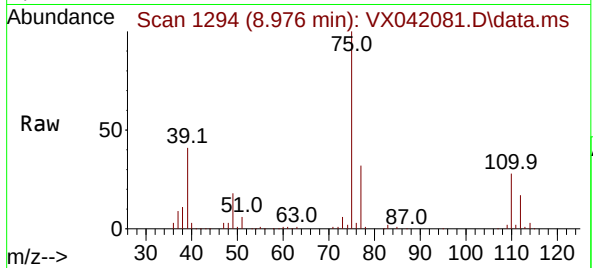
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#54

cis-1,3-Dichloropropene

Concen: 58.339 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

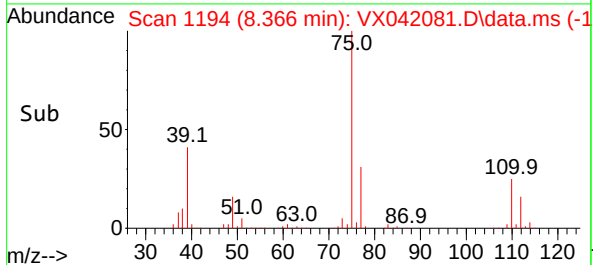
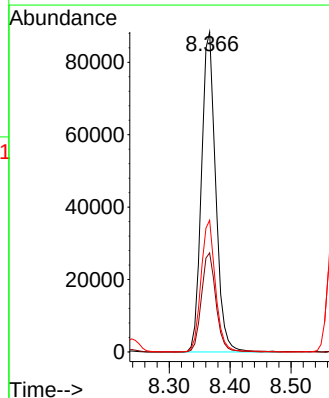
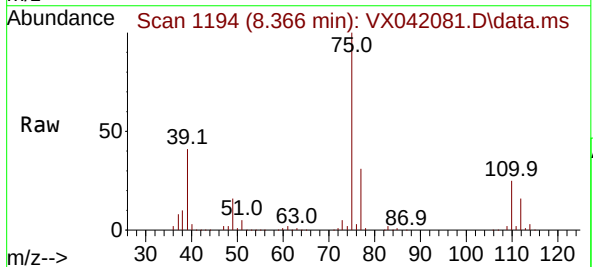
Tgt Ion: 75 Resp: 143435

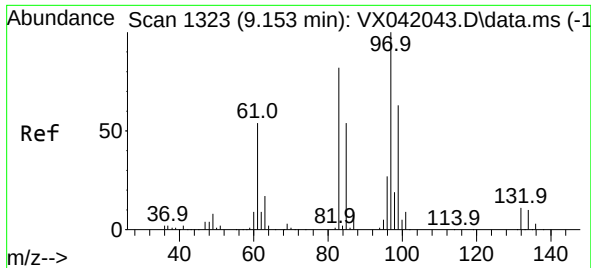
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

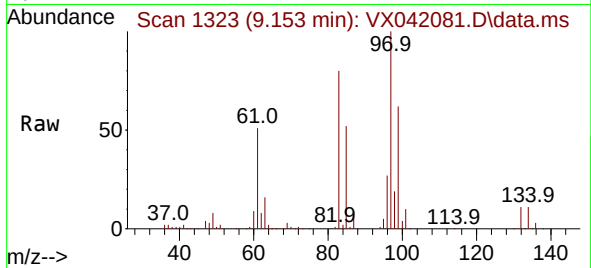
39 41.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.267 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

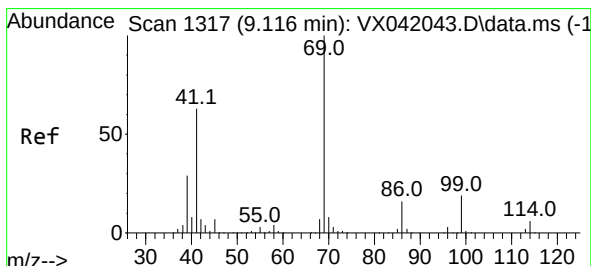
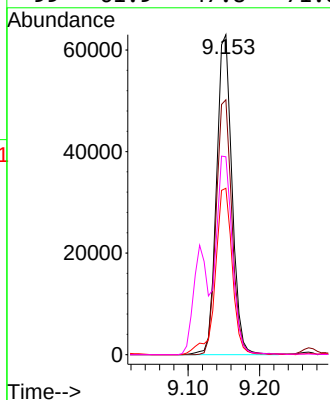
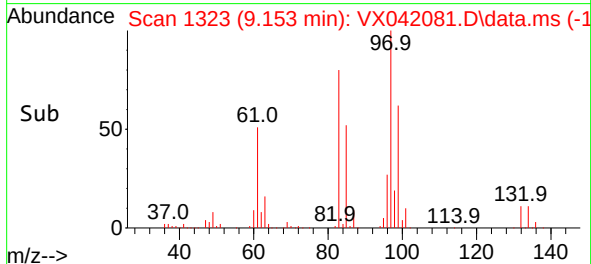


Tgt Ion: 97 Resp: 94662

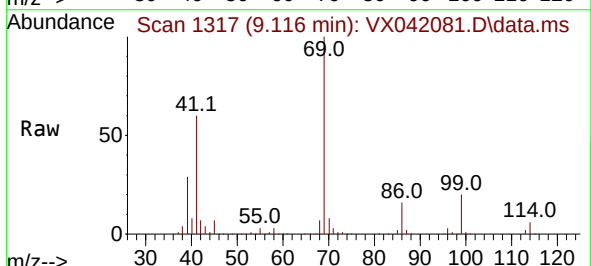
Ion	Ratio	Lower	Upper
97	100		
83	79.6	65.8	98.8
85	52.0	41.6	62.4
99	61.9	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

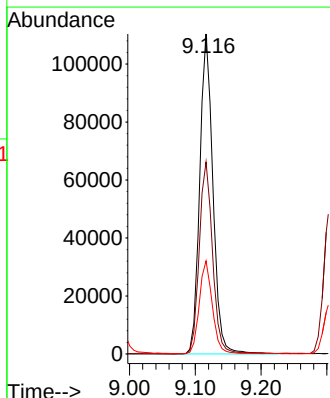
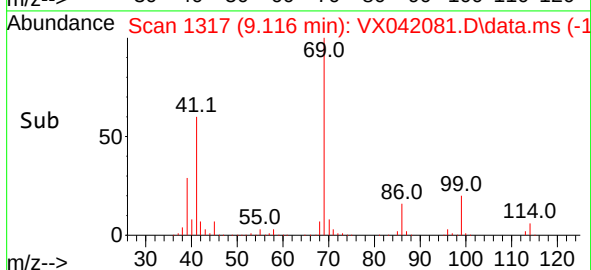


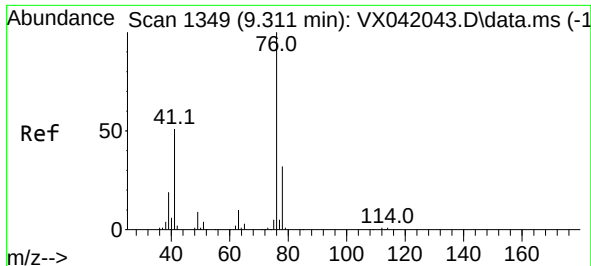
#56
Ethyl methacrylate
Concen: 54.566 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



Tgt Ion: 69 Resp: 153743

Ion	Ratio	Lower	Upper
69	100		
41	61.0	56.8	85.2
39	28.6	32.0	48.0





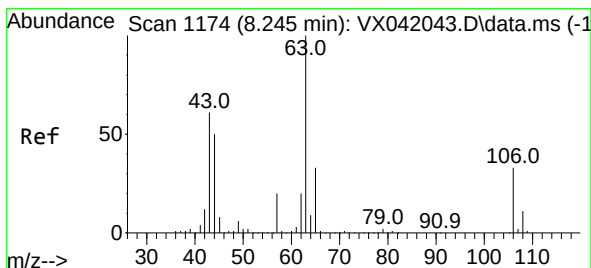
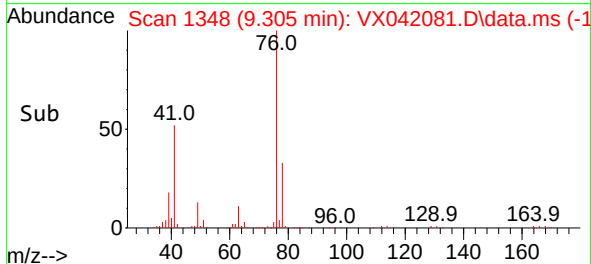
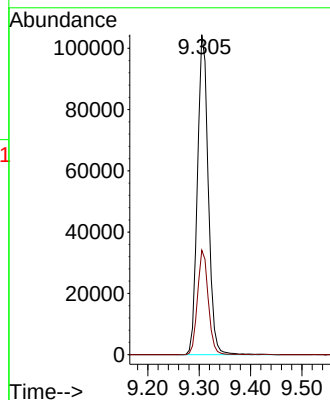
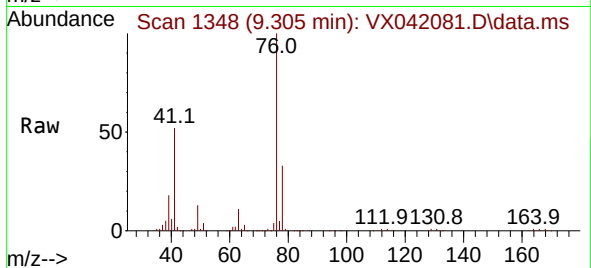
#57
1,3-Dichloropropane
Concen: 52.347 ug/l
RT: 9.305 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 153172
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

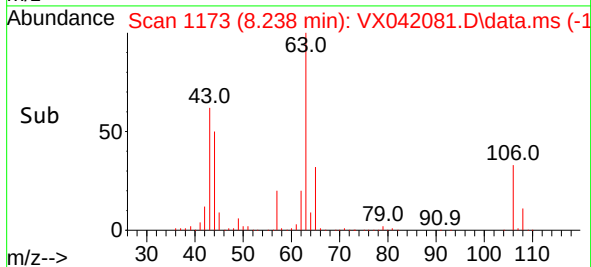
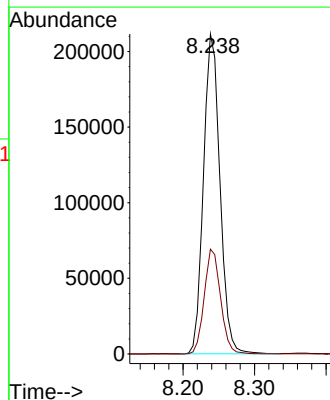
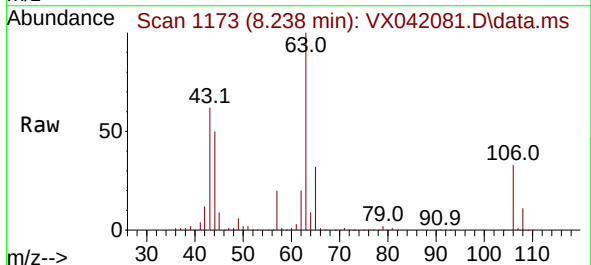
Manual Integrations
APPROVED

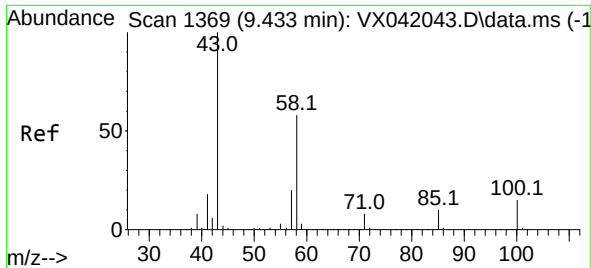
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 257.264 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 63 Resp: 337792
Ion Ratio Lower Upper
63 100
106 32.6 22.5 33.7





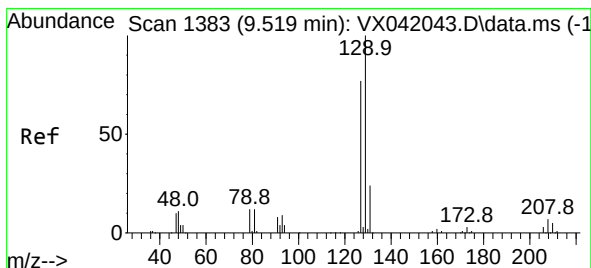
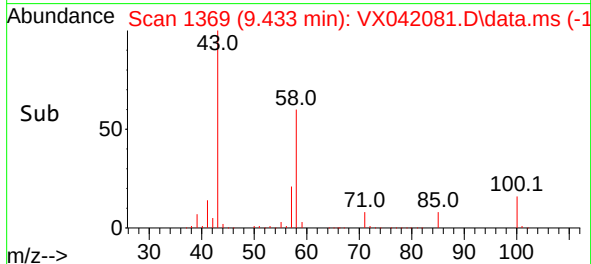
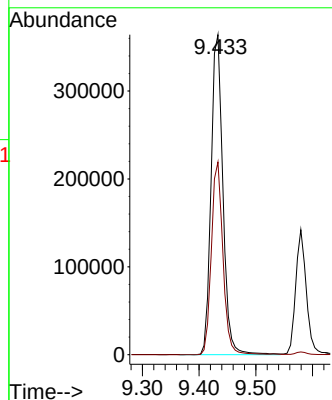
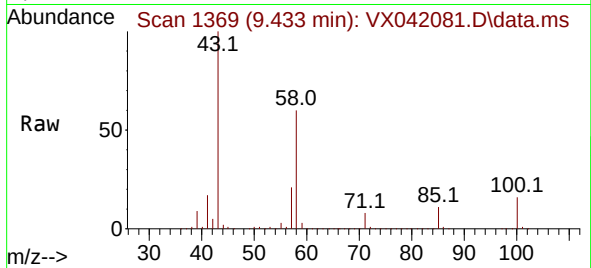
#59
2-Hexanone
Concen: 247.298 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 528104
Ion Ratio Lower Upper
43 100
58 58.9 26.2 78.5

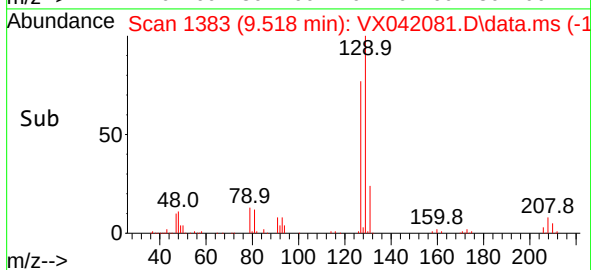
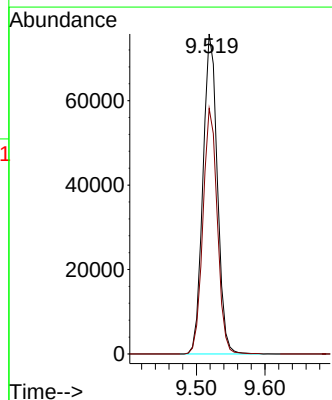
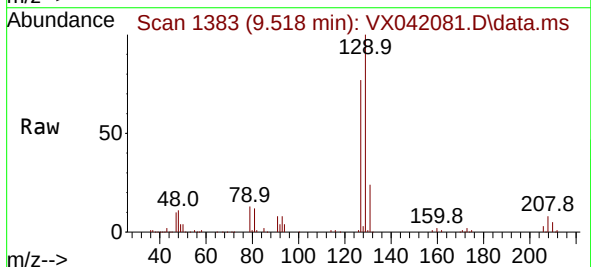
Manual Integrations
APPROVED

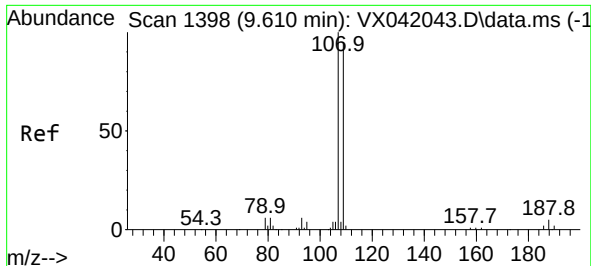
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#60
Dibromochloromethane
Concen: 56.390 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

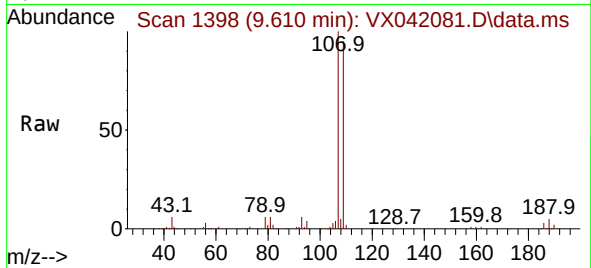
Tgt Ion:129 Resp: 110936
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.143 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

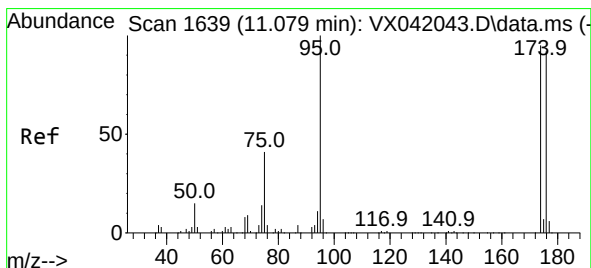
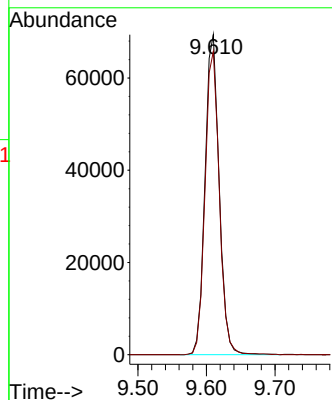
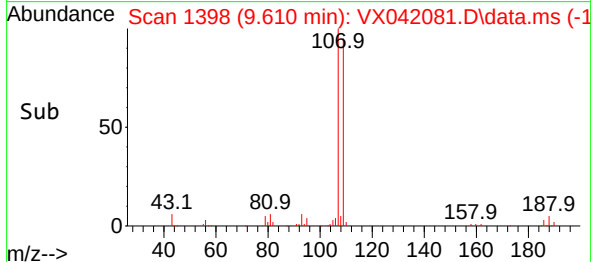
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



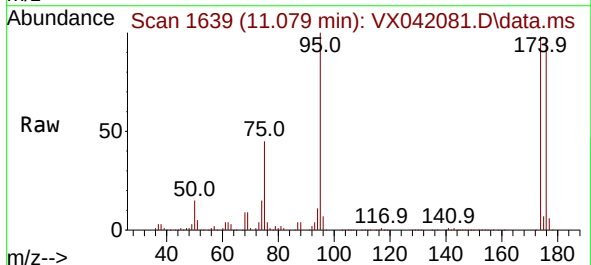
Tgt Ion:107 Resp: 9981
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

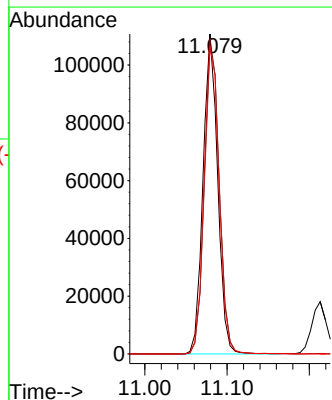
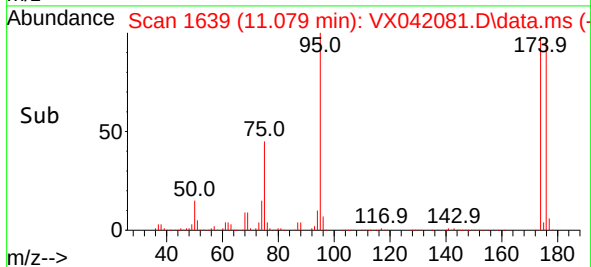
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

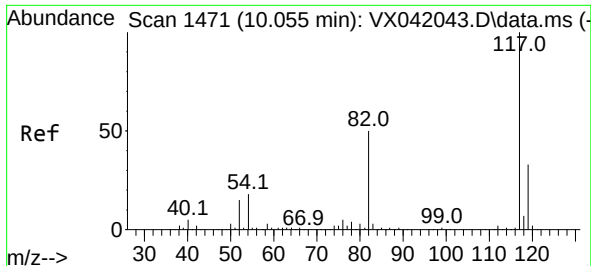


#62
4-Bromofluorobenzene
Concen: 55.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



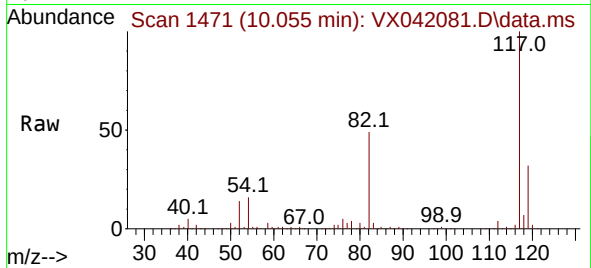
Tgt Ion: 95 Resp: 136907
Ion Ratio Lower Upper
95 100
174 100.2 0.0 135.6
176 98.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

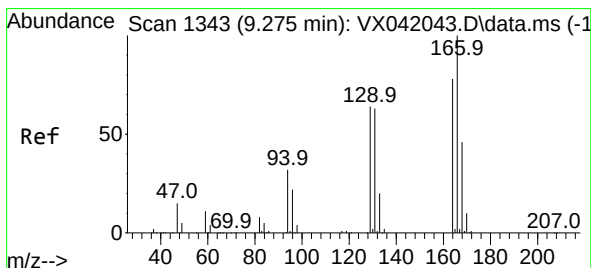
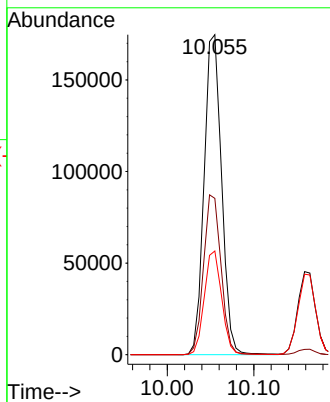
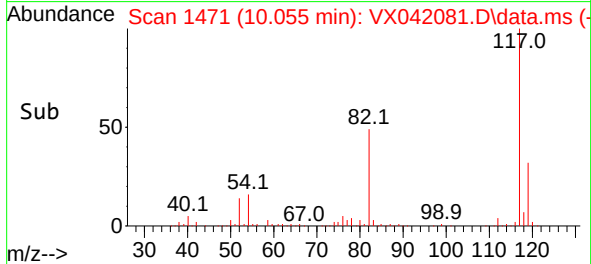
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24504
Ion Ratio Lower Upper
117 100
82 48.9 46.2 69.4
119 32.4 25.5 38.3

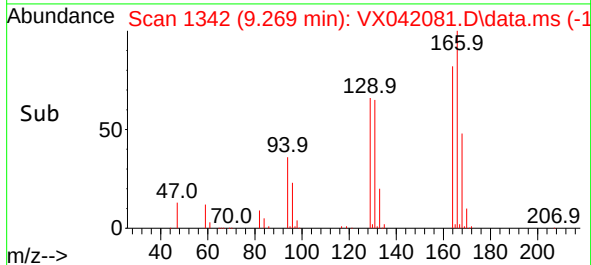
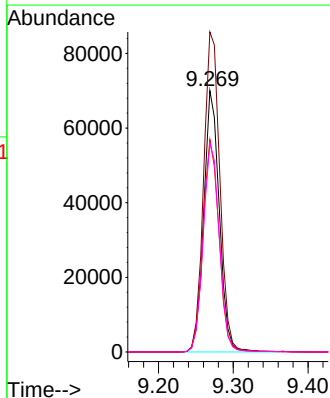
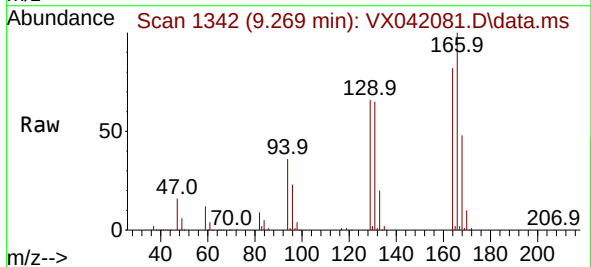
Manual Integrations
APPROVED

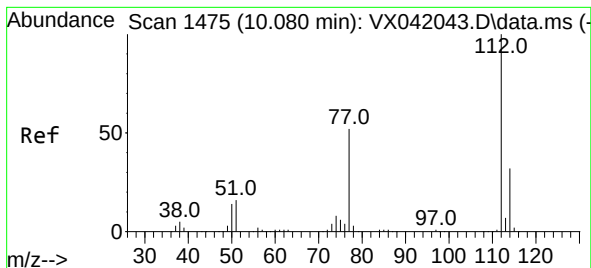
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#64
Tetrachloroethene
Concen: 56.750 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

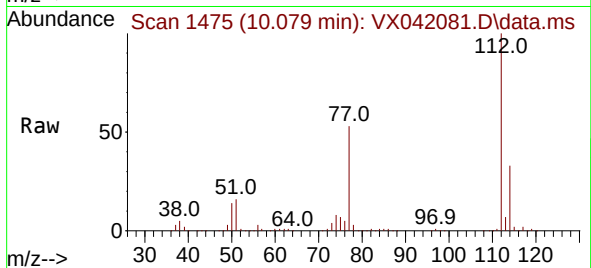
Tgt Ion:164 Resp: 101251
Ion Ratio Lower Upper
164 100
166 122.5 102.7 154.1
129 81.3 80.4 120.6
131 79.9 76.5 114.7





#65
Chlorobenzene
Concen: 53.881 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

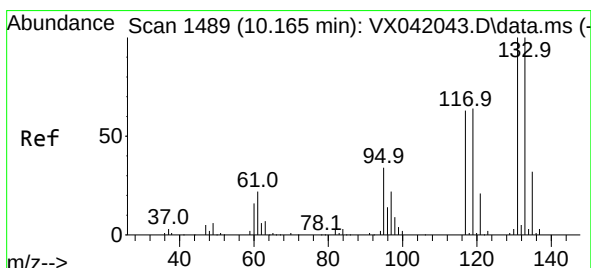
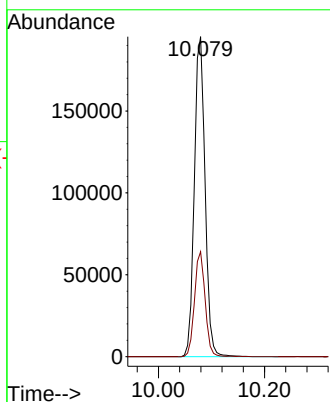
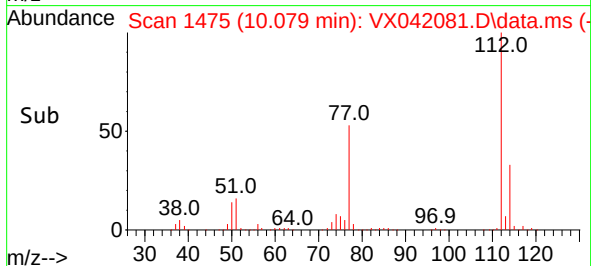
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 274590
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

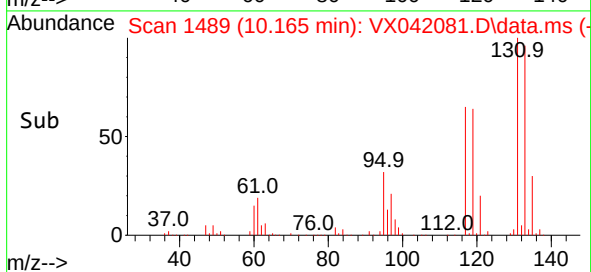
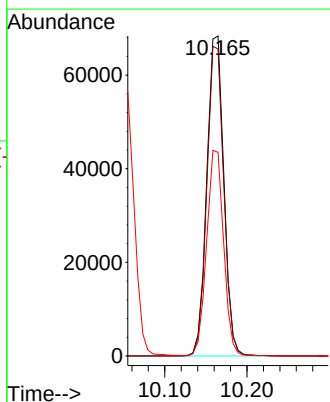
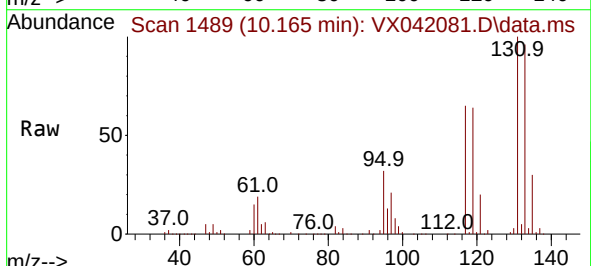
Manual Integrations
APPROVED

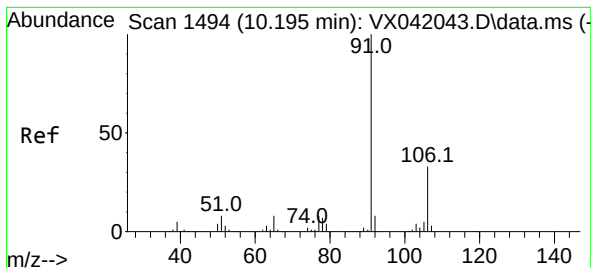
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.105 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion:131 Resp: 98323
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 56.066 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 447788

Ion Ratio Lower Upper

91 100

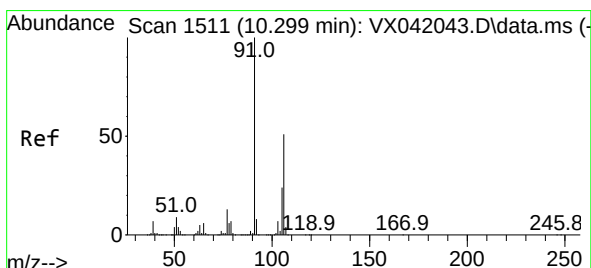
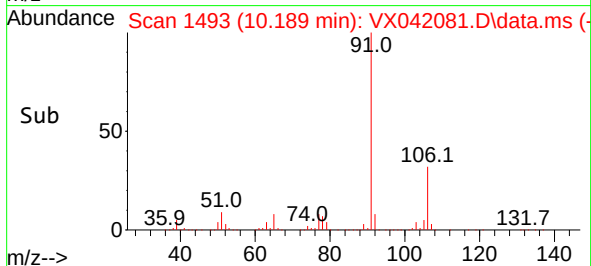
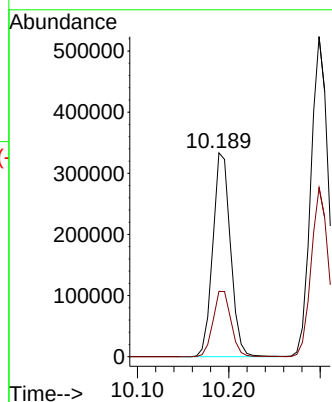
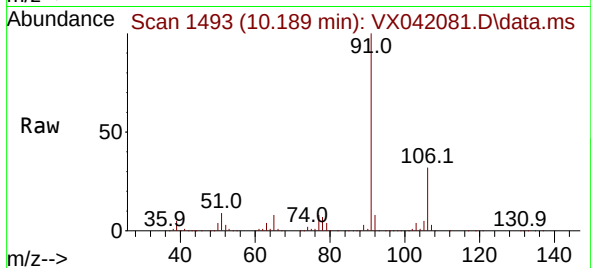
106 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#68

m/p-Xylenes

Concen: 113.228 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042081.D

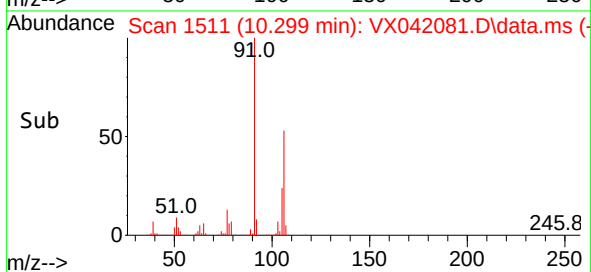
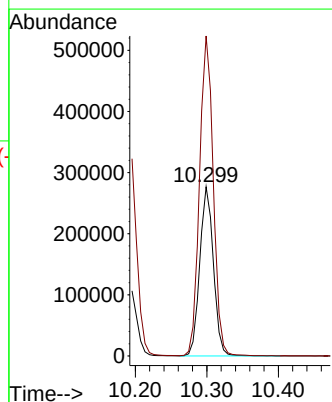
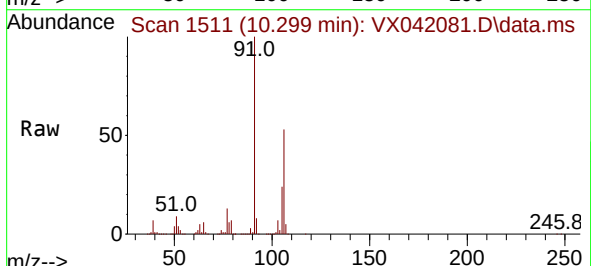
Acq: 28 Jun 2024 12:50

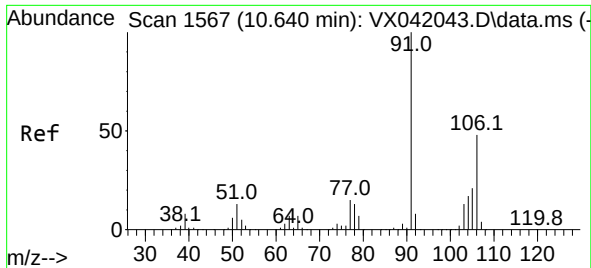
Tgt Ion:106 Resp: 365057

Ion Ratio Lower Upper

106 100

91 191.5 165.5 248.3





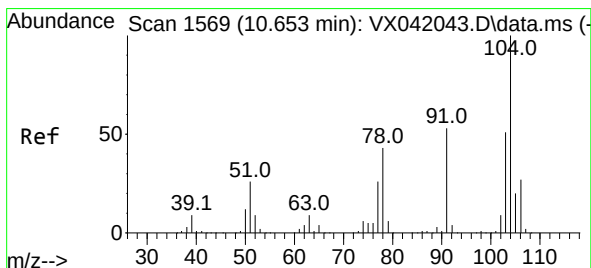
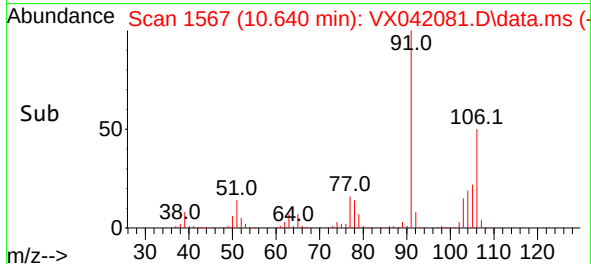
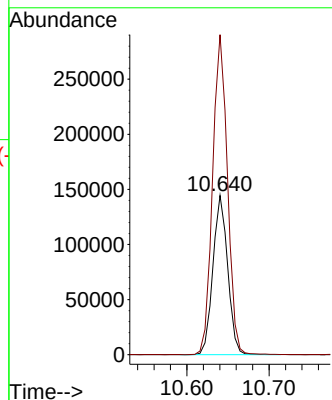
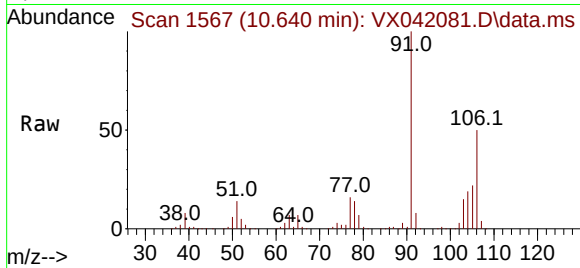
#69
o-Xylene
Concen: 56.386 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 179982
Ion Ratio Lower Upper
106 100
91 202.5 108.9 326.8

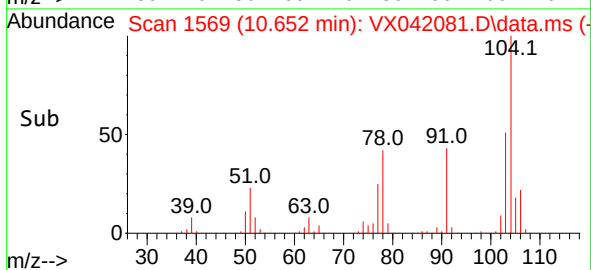
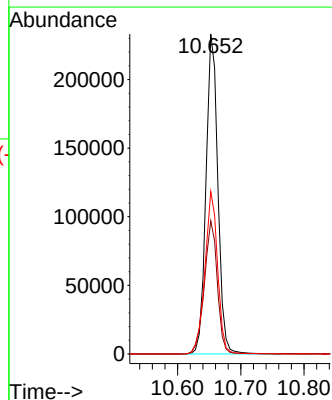
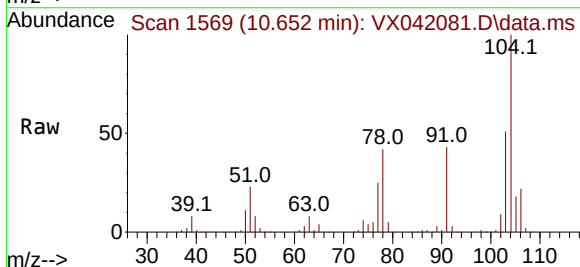
Manual Integrations
APPROVED

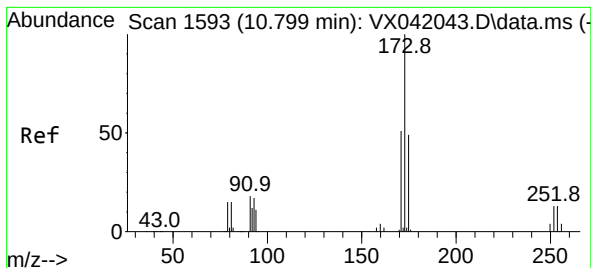
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#70
Styrene
Concen: 57.058 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

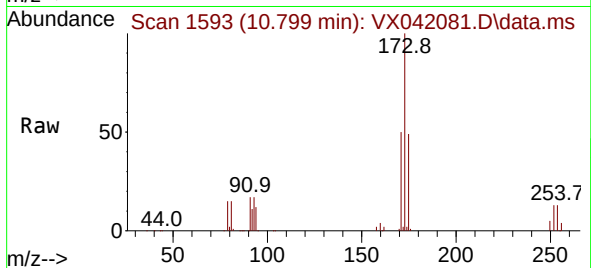
Tgt Ion:104 Resp: 305404
Ion Ratio Lower Upper
104 100
78 45.6 43.6 65.4
103 54.5 43.6 65.4





#71
Bromoform
Concen: 53.260 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

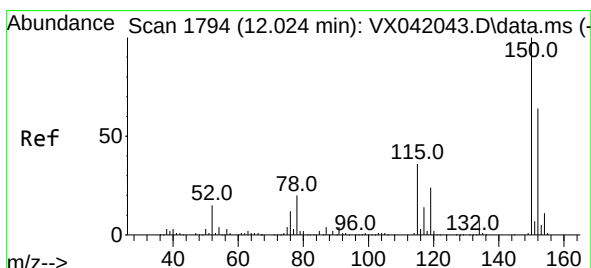
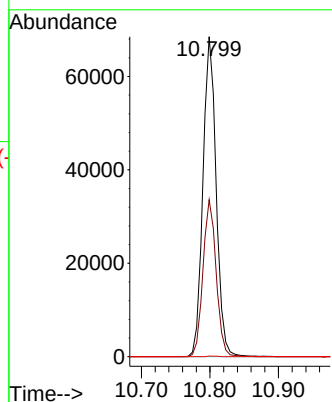
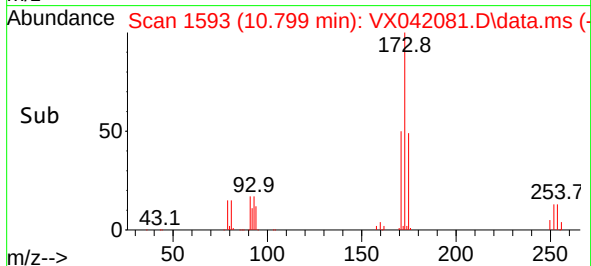
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



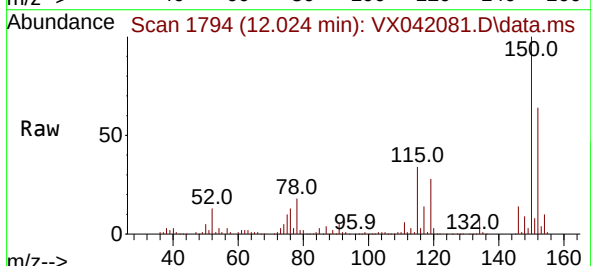
Tgt Ion:173 Resp: 9205
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.2 0.0 0.0

Manual Integrations
APPROVED

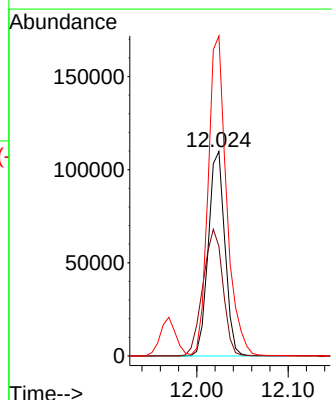
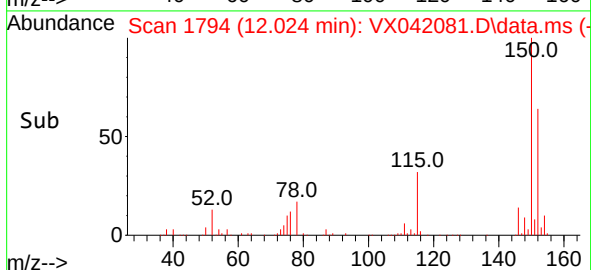
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

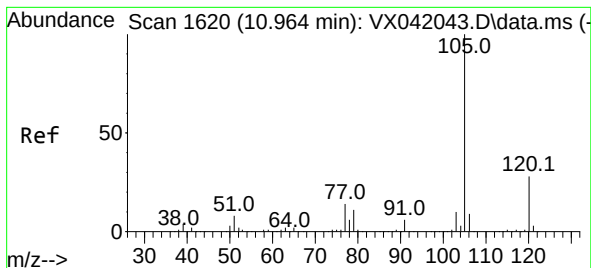


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



Tgt Ion:152 Resp: 137985
Ion Ratio Lower Upper
152 100
115 74.9 43.3 129.9
150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 54.938 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 460934

Ion Ratio Lower Upper

105 100

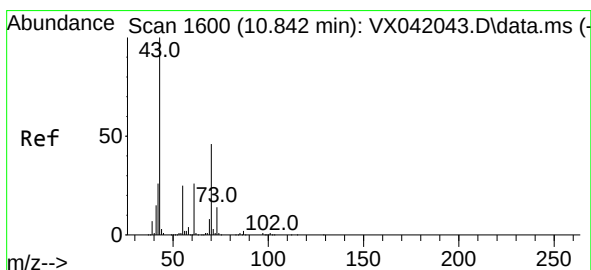
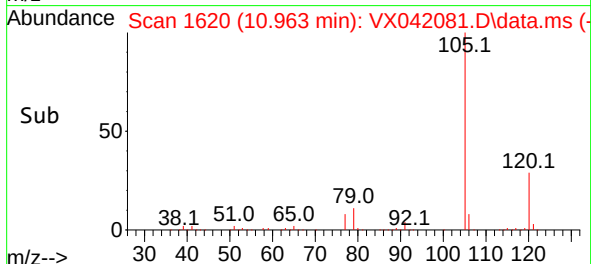
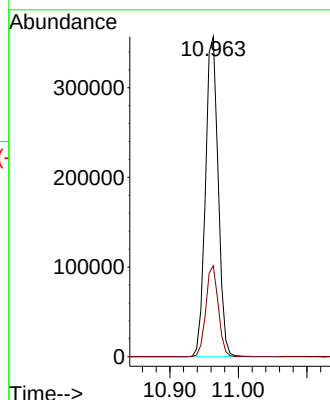
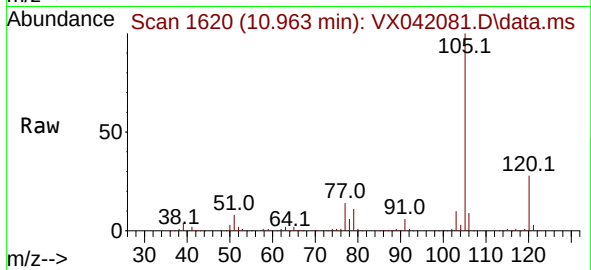
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#74

N-ethyl acetate

Concen: 50.388 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Tgt Ion: 43 Resp: 187789

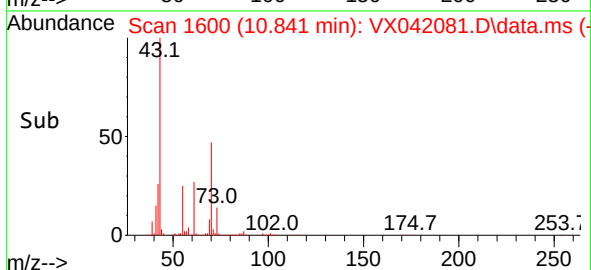
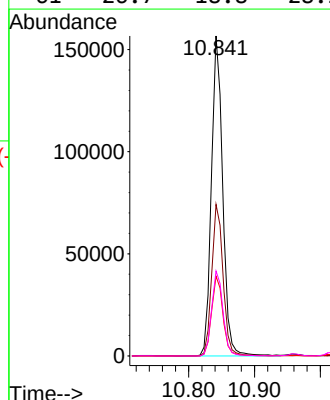
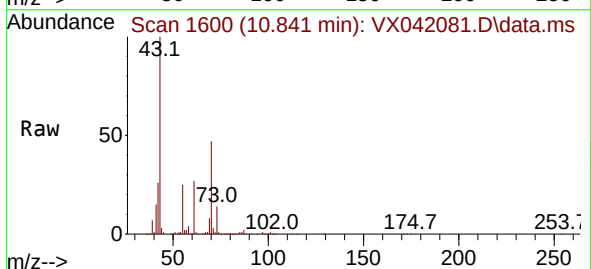
Ion Ratio Lower Upper

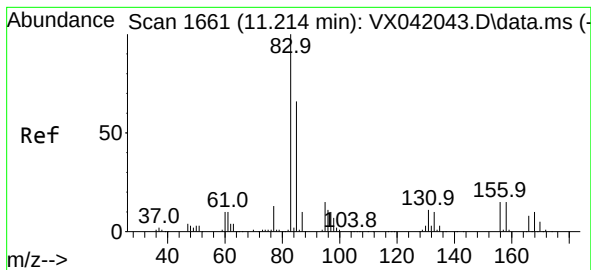
43 100

70 47.9 32.9 49.3

55 25.1 19.3 28.9

61 26.7 18.8 28.2





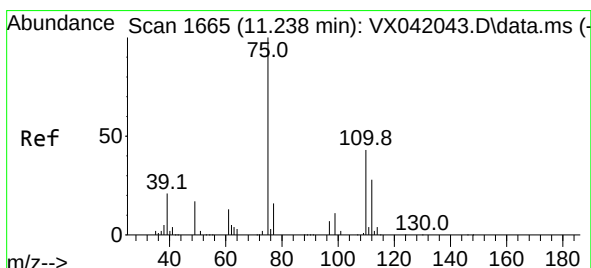
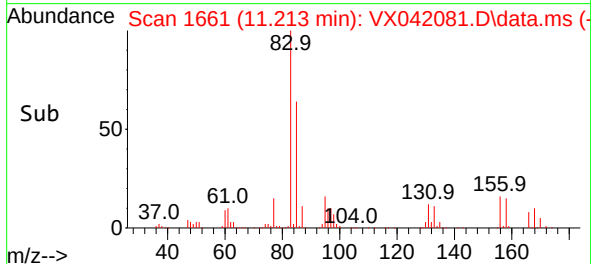
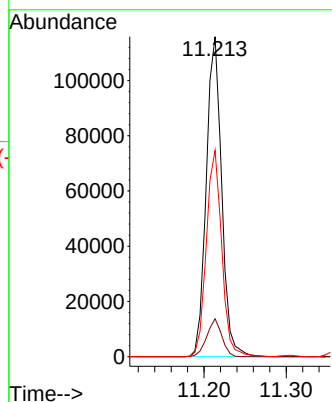
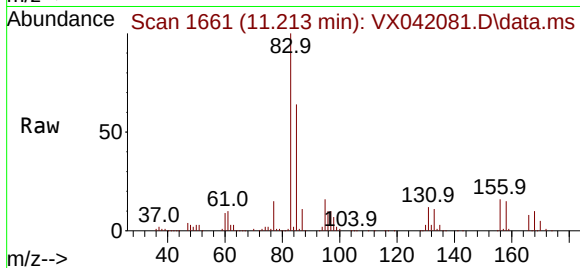
#75
1,1,2,2-Tetrachloroethane
Concen: 48.326 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 150760
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.8
85 64.6 32.0 96.2

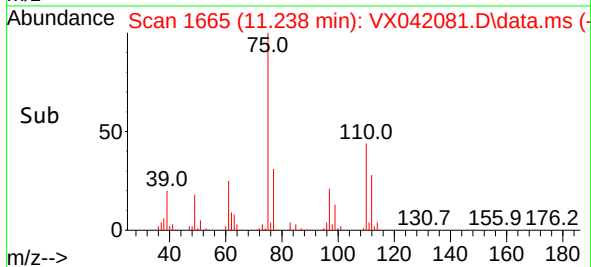
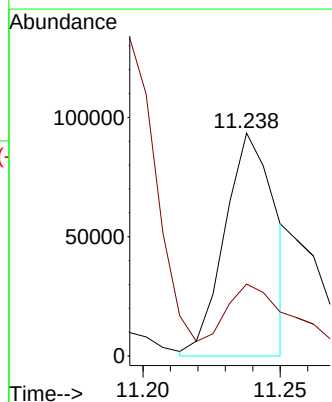
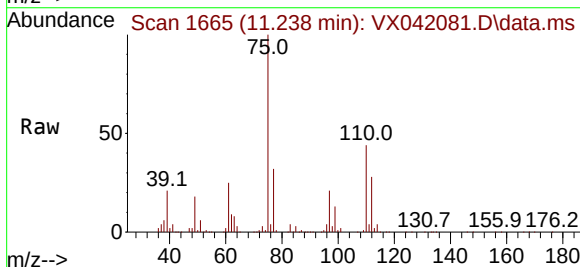
Manual Integrations
APPROVED

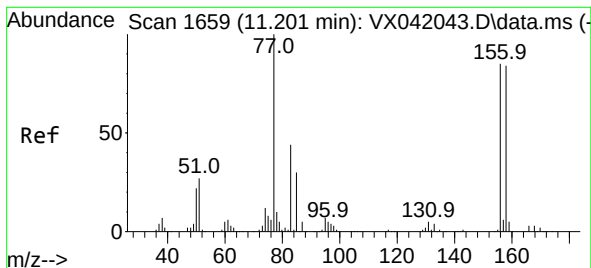
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#76
1,2,3-Trichloropropane
Concen: 47.487 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 75 Resp: 118954
Ion Ratio Lower Upper
75 100
77 44.9 19.1 57.5





#77

Bromobenzene

Concen: 53.347 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 13330

Ion Ratio Lower Upper

156 100

77 127.4 88.4 265.3

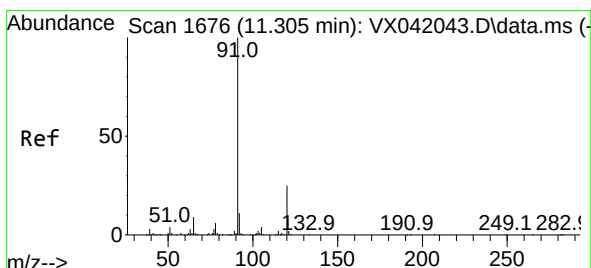
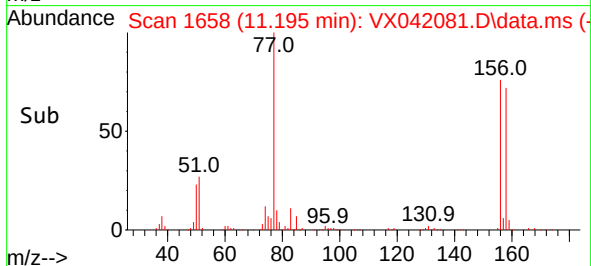
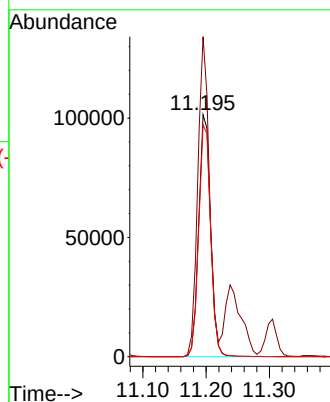
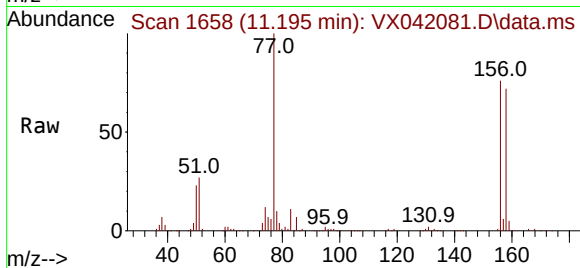
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#78

n-propylbenzene

Concen: 56.013 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042081.D

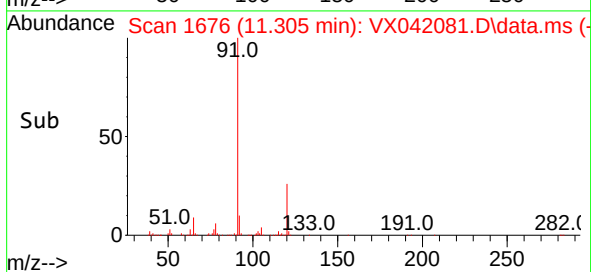
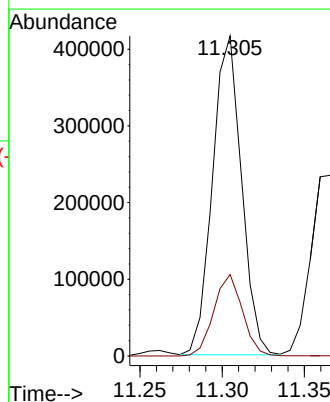
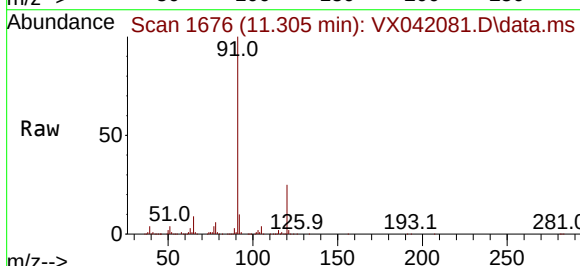
Acq: 28 Jun 2024 12:50

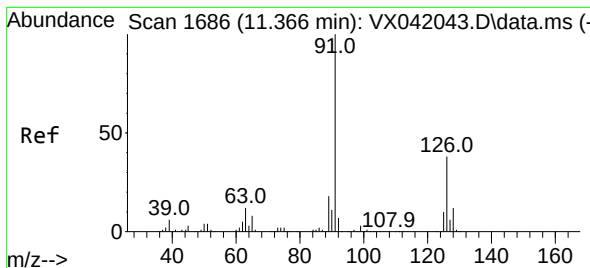
Tgt Ion: 91 Resp: 509906

Ion Ratio Lower Upper

91 100

120 25.3 11.5 34.4





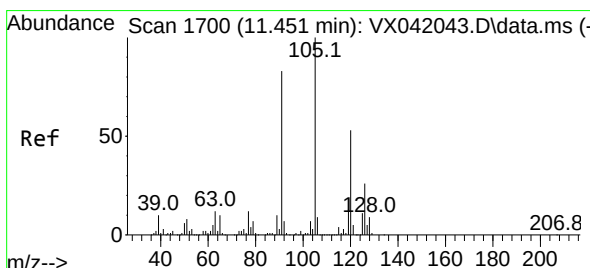
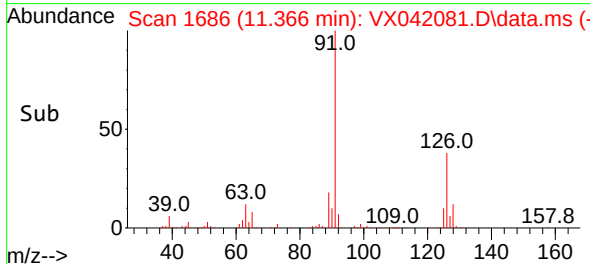
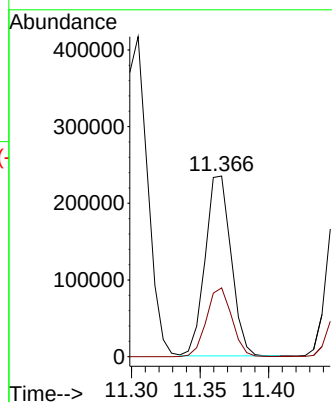
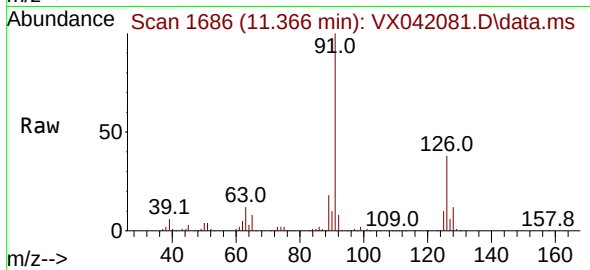
#79
2-Chlorotoluene
Concen: 52.684 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 309000
Ion Ratio Lower Upper
91 100
126 37.5 16.3 48.8

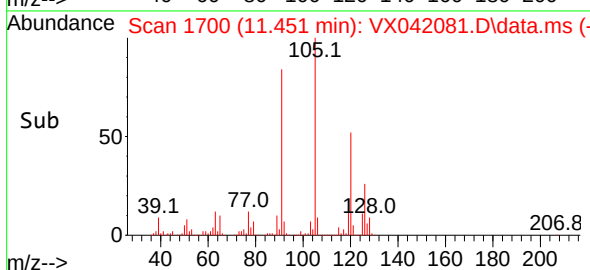
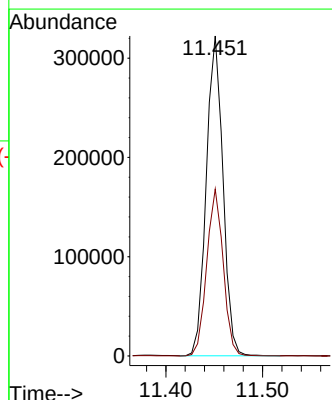
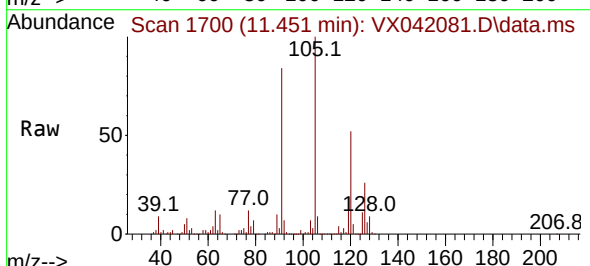
Manual Integrations
APPROVED

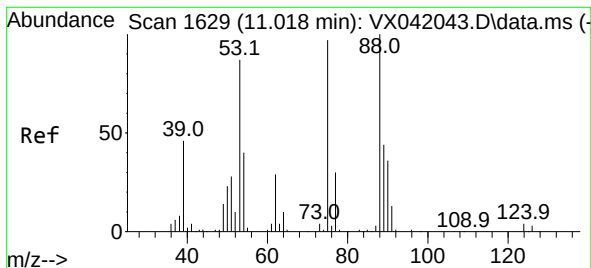
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.230 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion:105 Resp: 385965
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3





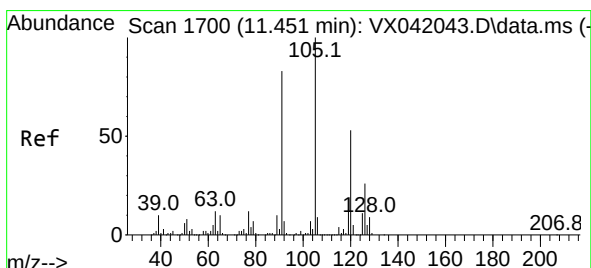
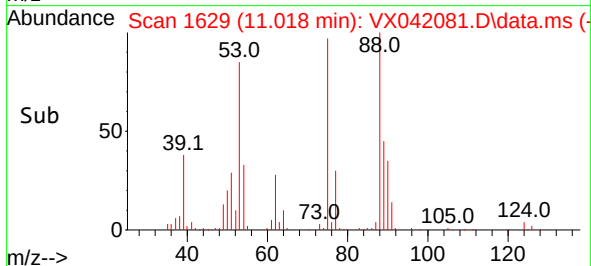
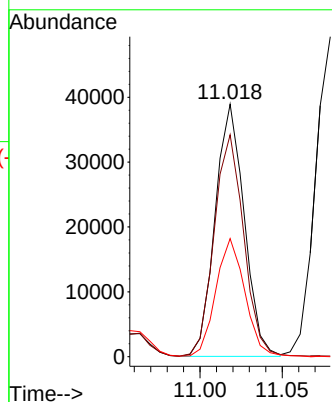
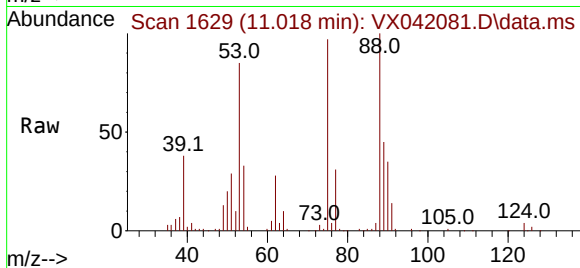
#81
trans-1,4-Dichloro-2-butene
Concen: 54.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4776
Ion Ratio Lower Upper
75 100
53 89.6 90.5 135.7
89 47.2 36.9 55.3

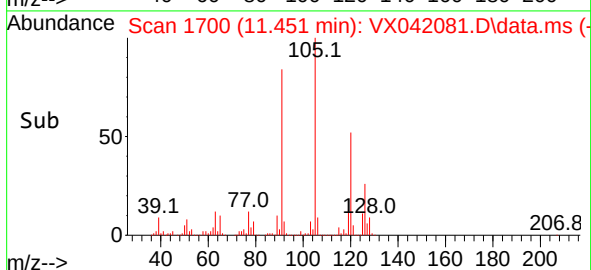
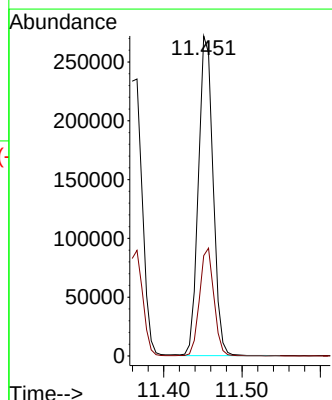
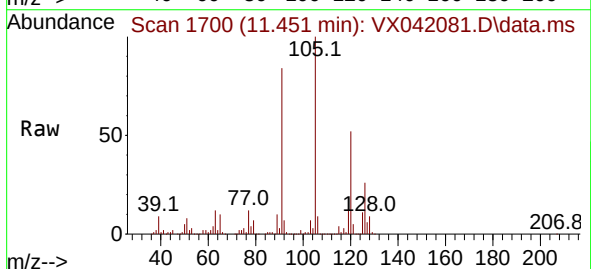
Manual Integrations
APPROVED

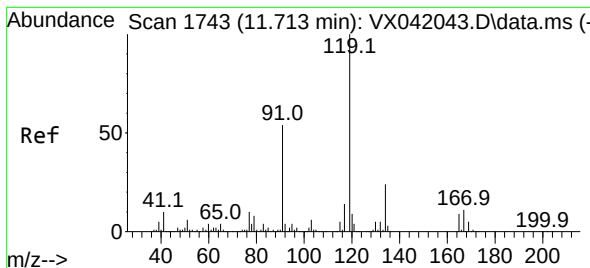
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#82
4-Chlorotoluene
Concen: 54.687 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion: 91 Resp: 354580
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.958 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

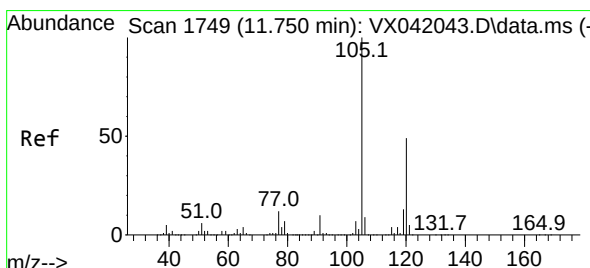
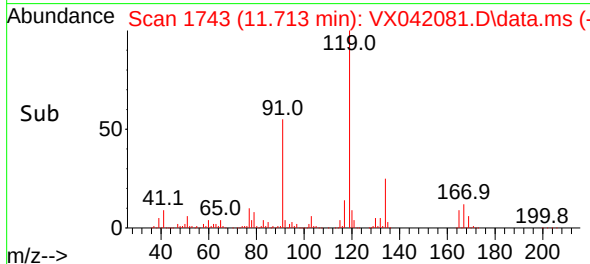
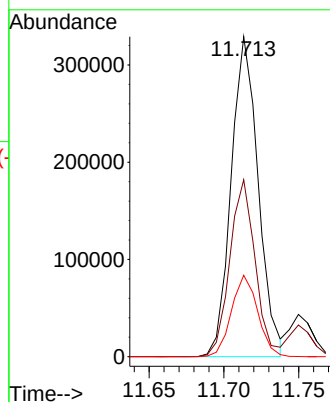
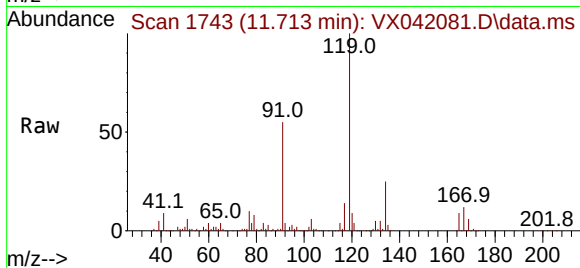
Tgt Ion:119 Resp: 413749
 Ion Ratio Lower Upper
 119 100
 91 52.0 31.2 93.6
 134 24.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.983 ug/l

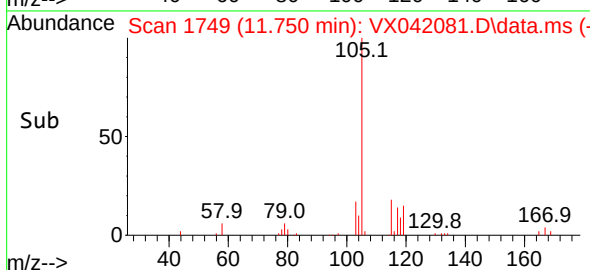
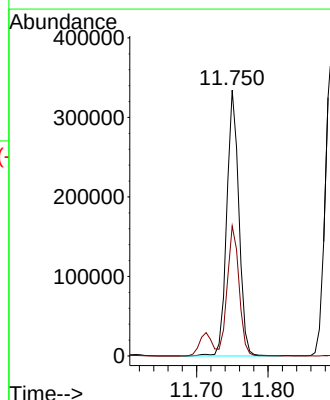
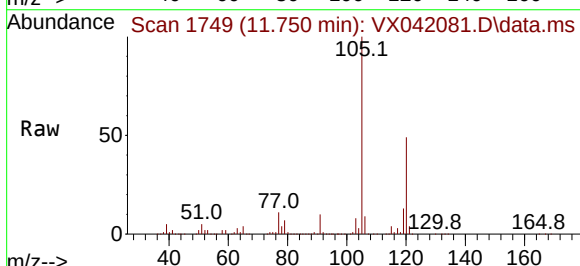
RT: 11.750 min Scan# 1749

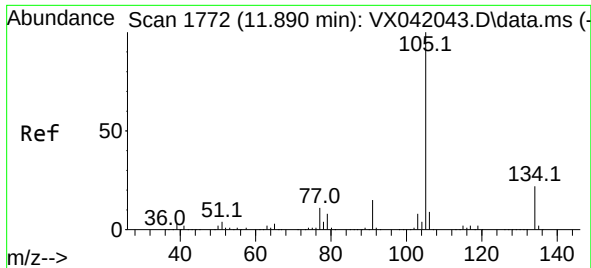
Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

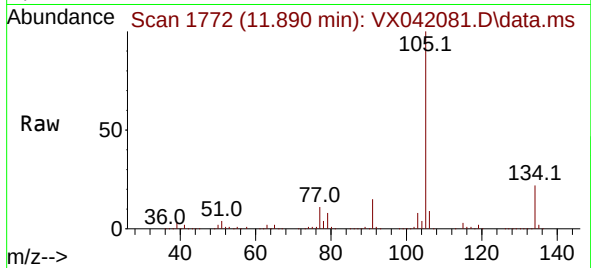
Tgt Ion:105 Resp: 392500
 Ion Ratio Lower Upper
 105 100
 120 47.5 21.2 63.6





#85
sec-Butylbenzene
Concen: 56.166 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

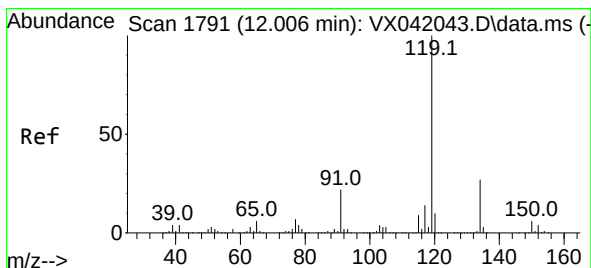
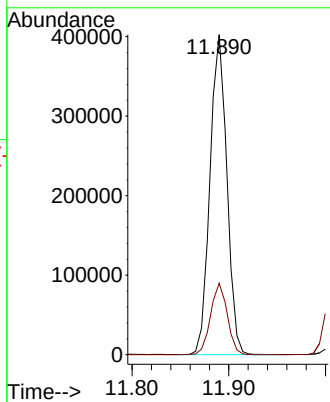
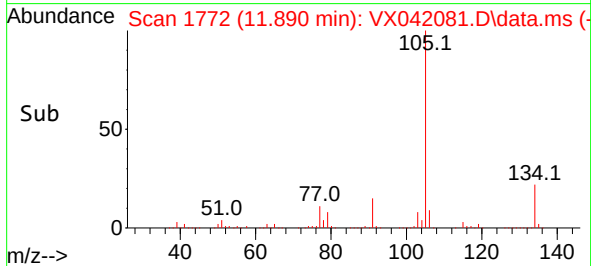
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 487138
Ion Ratio Lower Upper
105 100
134 22.1 9.8 29.4

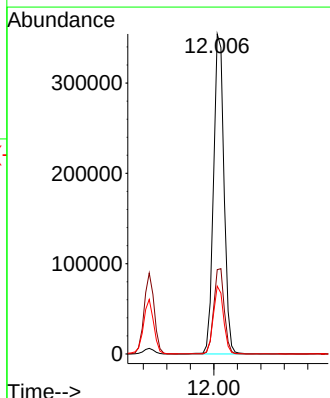
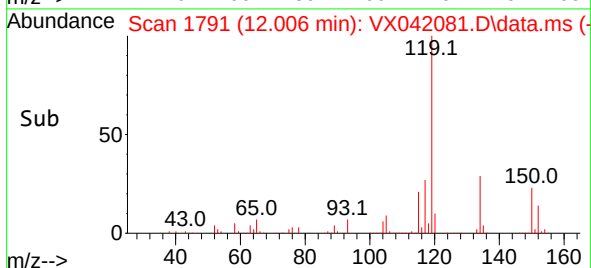
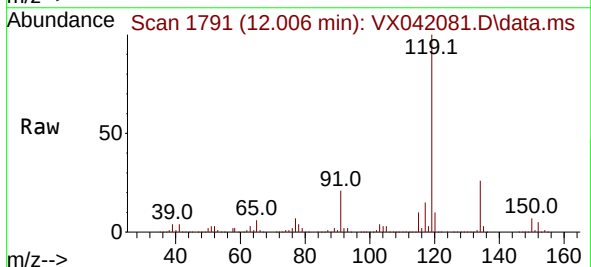
Manual Integrations
APPROVED

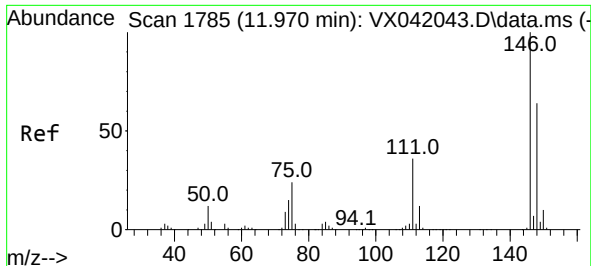
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#86
p-Isopropyltoluene
Concen: 57.717 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion:119 Resp: 437284
Ion Ratio Lower Upper
119 100
134 26.9 12.8 38.3
91 20.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.506 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 23939

Ion Ratio Lower Upper

146 100

111 36.6 22.1 66.1

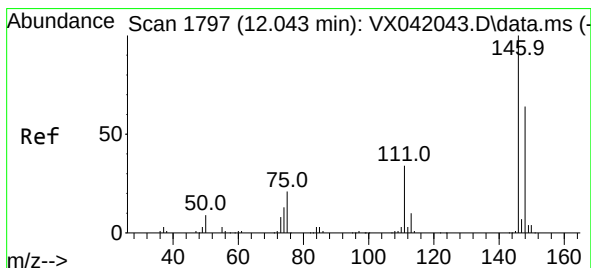
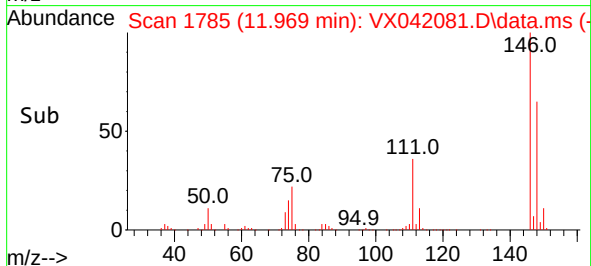
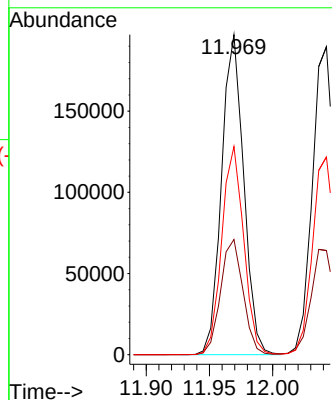
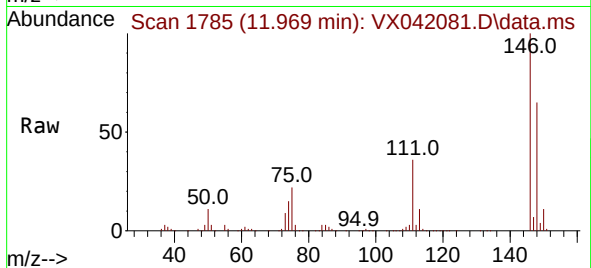
148 64.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#88

1,4-Dichlorobenzene

Concen: 53.730 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

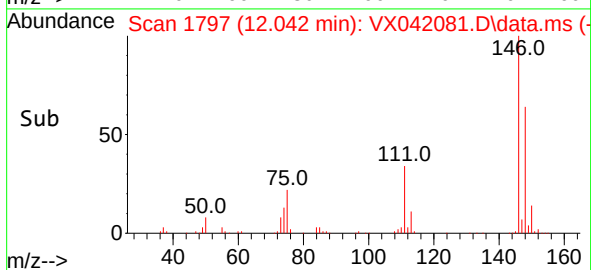
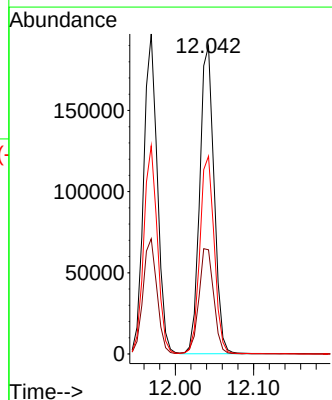
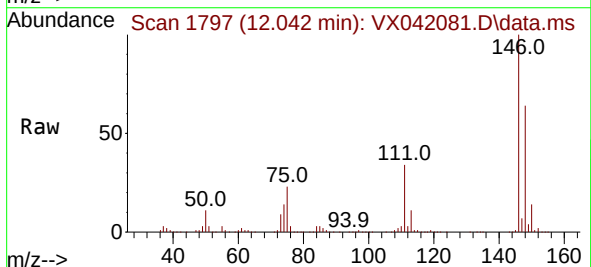
Tgt Ion:146 Resp: 242130

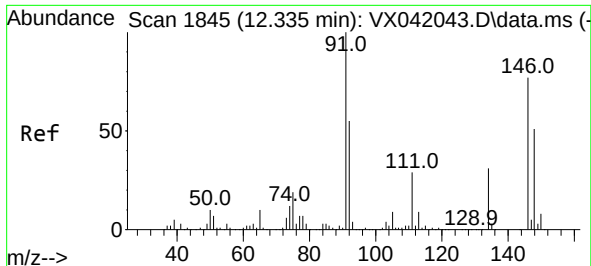
Ion Ratio Lower Upper

146 100

111 35.3 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 59.422 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX042081.D

Acq: 28 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 34655

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

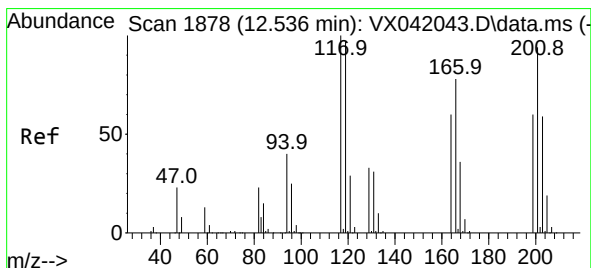
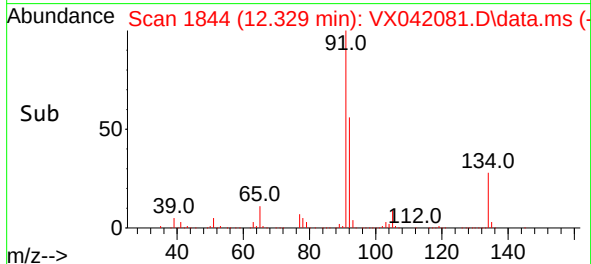
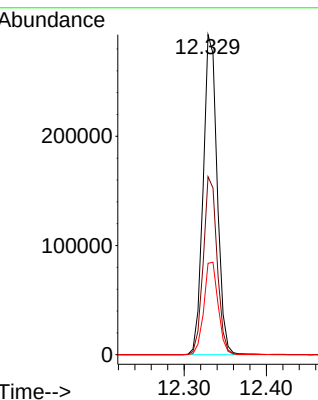
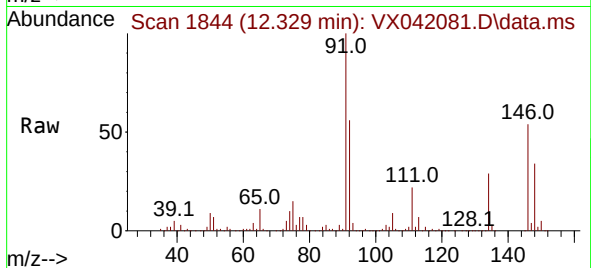
134 29.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#90

Hexachloroethane

Concen: 56.111 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042081.D

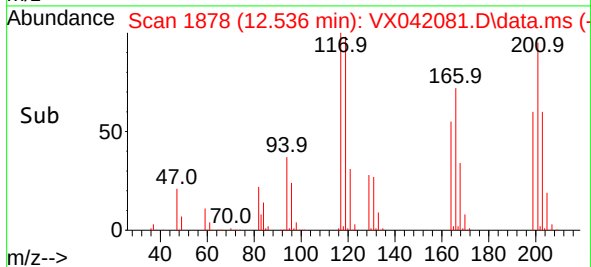
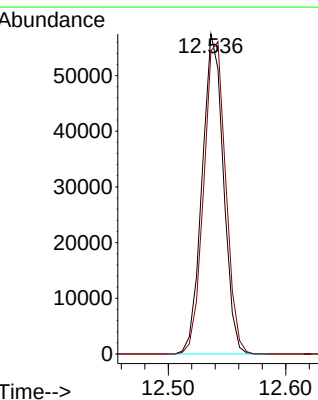
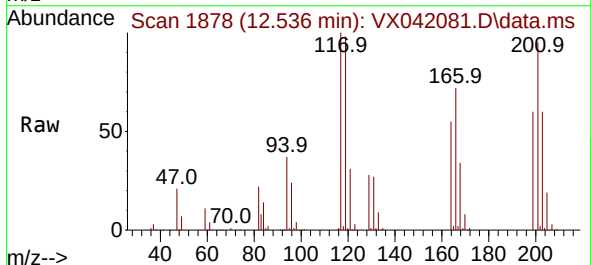
Acq: 28 Jun 2024 12:50

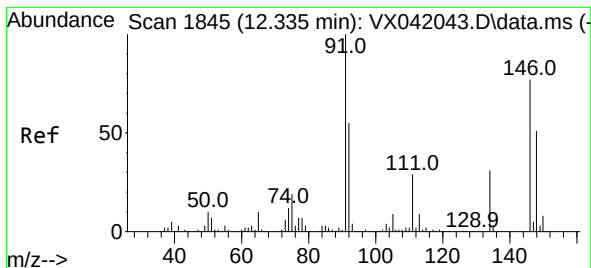
Tgt Ion:117 Resp: 72376

Ion Ratio Lower Upper

117 100

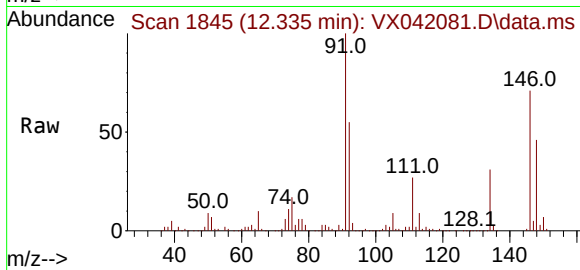
201 100.7 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 53.750 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

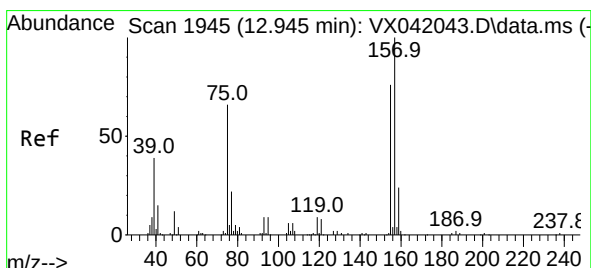
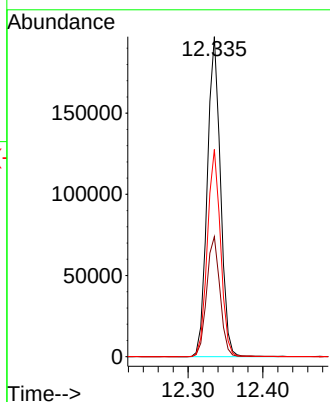
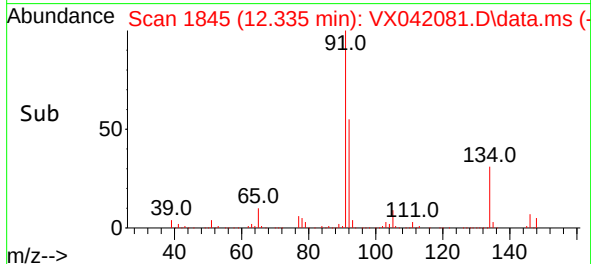
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



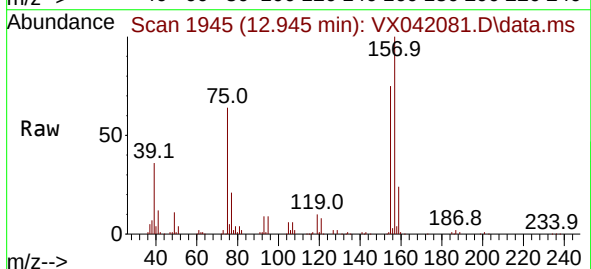
Tgt Ion:146 Resp: 24156
Ion Ratio Lower Upper
146 100
111 37.9 22.4 67.0
148 64.8 31.6 95.0

Manual Integrations
APPROVED

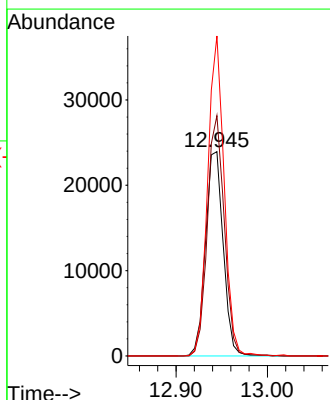
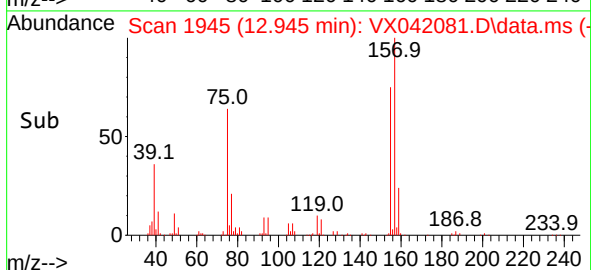
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

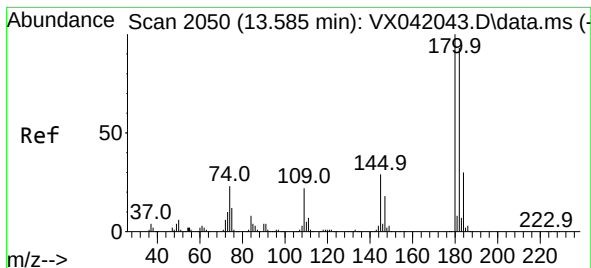


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.023 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



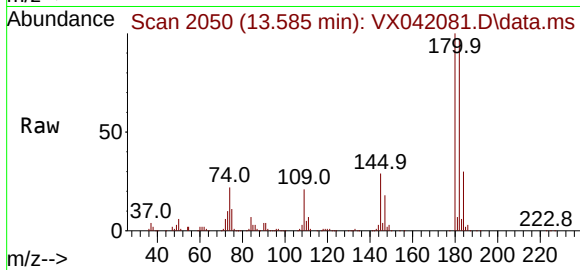
Tgt Ion: 75 Resp: 32162
Ion Ratio Lower Upper
75 100
155 112.5 36.1 108.5#
157 145.0 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 59.594 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

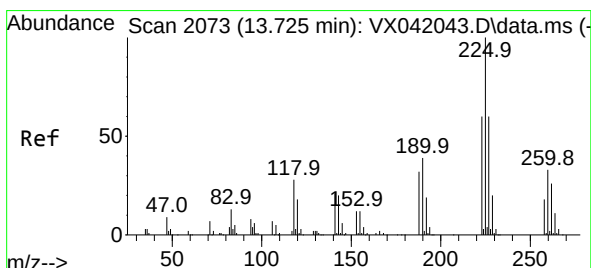
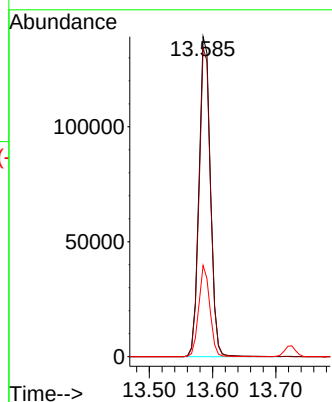
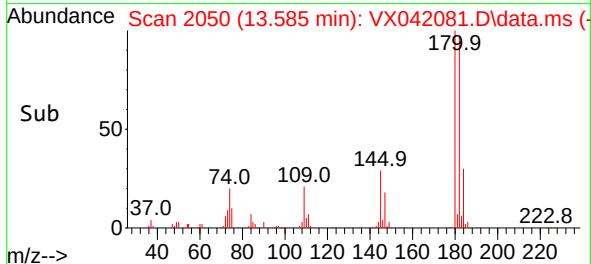
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



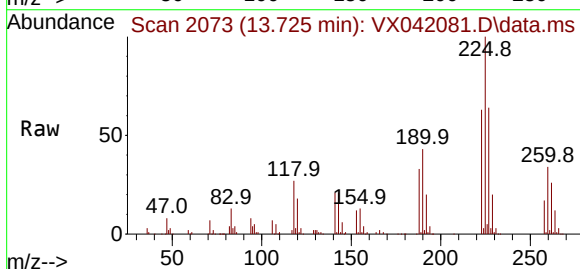
Tgt Ion:180 Resp: 175454
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.8
145 27.6 18.0 54.0

Manual Integrations
APPROVED

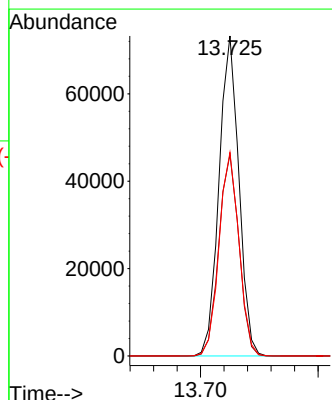
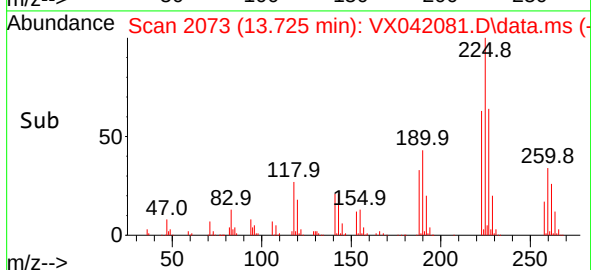
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

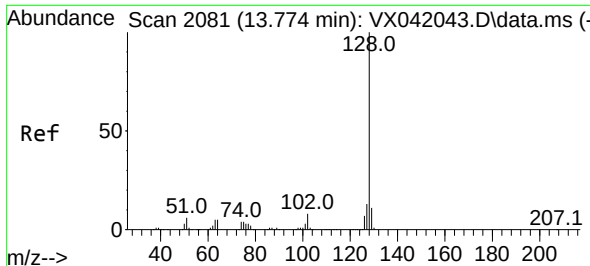


#94
Hexachlorobutadiene
Concen: 57.730 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50



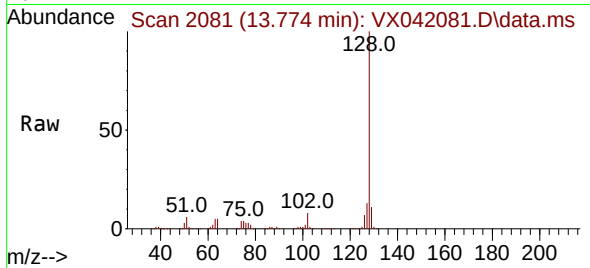
Tgt Ion:225 Resp: 85946
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 63.8 32.5 97.5





#95
Naphthalene
Concen: 52.029 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

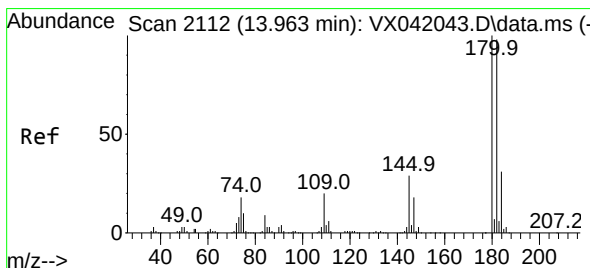
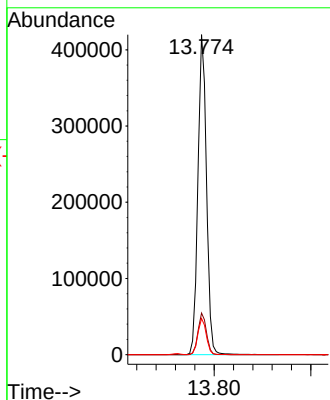
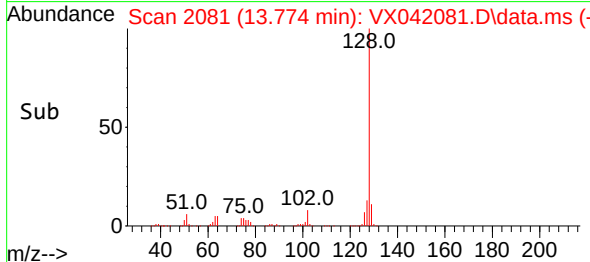
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 515024
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 57.441 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042081.D
Acq: 28 Jun 2024 12:50

Tgt Ion:180 Resp: 178359
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 29.2 17.8 53.5

