

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052224\
 Data File : VX041612.D
 Acq On : 22 May 2024 18:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2024
 Supervised By : Mahesh Dadoda 05/23/2024

Quant Time: May 23 03:48:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	234525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103666	60.656	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.320%#	
35) Dibromofluoromethane	5.391	113	84851	53.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.780%	
50) Toluene-d8	8.647	98	279622	55.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.180%	
62) 4-Bromofluorobenzene	11.079	95	109043	55.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	65905	51.089	ug/l	98
3) Chloromethane	1.301	50	67379	50.476	ug/l	99
4) Vinyl Chloride	1.374	62	71151	55.914	ug/l	99
5) Bromomethane	1.593	94	40478	50.741	ug/l	97
6) Chloroethane	1.660	64	38784	65.643	ug/l	97
7) Trichlorofluoromethane	1.862	101	111932	51.011	ug/l	99
8) Diethyl Ether	2.136	74	50447	65.227	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.313	101	66902	54.248	ug/l	88
10) Methyl Iodide	2.441	142	84372	63.565	ug/l	91
11) Tert butyl alcohol	3.008	59	99660	291.339	ug/l	# 90
12) 1,1-Dichloroethene	2.307	96	65508	53.847	ug/l	90
13) Acrolein	2.240	56	69924	257.665	ug/l	98
14) Allyl chloride	2.654	41	111463	54.534	ug/l	98
15) Acrylonitrile	3.075	53	254576	326.078	ug/l	99
16) Acetone	2.398	43	240615	320.813	ug/l	96
17) Carbon Disulfide	2.496	76	110953	38.798	ug/l	98
18) Methyl Acetate	2.709	43	128060	73.237	ug/l	99
19) Methyl tert-butyl Ether	3.124	73	257819	58.135	ug/l	99
20) Methylene Chloride	2.782	84	79203	53.382	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	66525	48.931	ug/l	91
22) Diisopropyl ether	3.770	45	252981	58.402	ug/l	# 84
23) Vinyl Acetate	3.727	43	1153941	297.802	ug/l	96
24) 1,1-Dichloroethane	3.605	63	138641	56.653	ug/l	97
25) 2-Butanone	4.574	43	373335	337.506	ug/l	96
26) 2,2-Dichloropropane	4.471	77	83886	40.998	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	89623	55.675	ug/l	89
28) Bromochloromethane	4.904	49	50307	57.601	ug/l	# 82
29) Tetrahydrofuran	5.013	42	233783	323.162	ug/l	96
30) Chloroform	5.099	83	149540	58.735	ug/l	98
31) Cyclohexane	5.465	56	95276	46.190	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	126454	54.592	ug/l	98
36) 1,1-Dichloropropene	5.690	75	86135	45.324	ug/l	96
37) Ethyl Acetate	4.727	43	137986	58.191	ug/l	99
38) Carbon Tetrachloride	5.672	117	103807	47.681	ug/l	99
39) Methylcyclohexane	7.379	83	99736	44.672	ug/l	92
40) Benzene	6.038	78	292117	49.862	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	74877	61.353	ug/l	96
42) 1,2-Dichloroethane	6.086	62	117509	54.730	ug/l	97
43) Isopropyl Acetate	6.349	43	206079	57.802	ug/l	98
44) Trichloroethene	7.129	130	78163	50.525	ug/l	84
45) 1,2-Dichloropropane	7.434	63	74805	57.149	ug/l	95
46) Dibromomethane	7.580	93	56959	54.662	ug/l #	79
47) Bromodichloromethane	7.824	83	112091	60.365	ug/l	97
48) Methyl methacrylate	7.696	41	103806	63.515	ug/l	96
49) 1,4-Dioxane	7.665	88	51683	1462.641	ug/l #	84
51) 4-Methyl-2-Pentanone	8.580	43	734066	343.126	ug/l	99
52) Toluene	8.720	92	187406	52.292	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	103971	48.256	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	113296	55.499	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	83498	60.499	ug/l	96
56) Ethyl methacrylate	9.116	69	137893	64.557	ug/l	99
57) 1,3-Dichloropropane	9.311	76	136084	59.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	315314	304.449	ug/l	94
59) 2-Hexanone	9.433	43	579791	338.921	ug/l	98
60) Dibromochloromethane	9.525	129	96566	59.434	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86856	57.203	ug/l	99
64) Tetrachloroethene	9.275	164	73737	47.664	ug/l	90
65) Chlorobenzene	10.080	112	222683	51.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	84648	55.239	ug/l	98
67) Ethyl Benzene	10.195	91	355902	49.740	ug/l	99
68) m/p-Xylenes	10.299	106	281721	98.320	ug/l	94
69) o-Xylene	10.640	106	142669	52.002	ug/l	96
70) Styrene	10.659	104	246186	54.685	ug/l	96
71) Bromoform	10.799	173	78242	57.053	ug/l #	99
73) Isopropylbenzene	10.964	105	365738	50.677	ug/l	97
74) N-amyl acetate	10.842	43	186710	59.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	142688	60.337	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	153171	79.496	ug/l	91
77) Bromobenzene	11.201	156	108465	53.250	ug/l	80
78) n-propylbenzene	11.305	91	396261	52.278	ug/l	96
79) 2-Chlorotoluene	11.366	91	252297	51.651	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	303880	51.652	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37611	53.171	ug/l	98
82) 4-Chlorotoluene	11.457	91	288232	51.977	ug/l	93
83) tert-Butylbenzene	11.713	119	340649	54.070	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	310846	52.510	ug/l	94
85) sec-Butylbenzene	11.890	105	383127	53.065	ug/l	95
86) p-Isopropyltoluene	12.012	119	334241	51.546	ug/l	95
87) 1,3-Dichlorobenzene	11.970	146	189198	51.102	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	192052	50.348	ug/l	95
89) n-Butylbenzene	12.335	91	261761	50.203	ug/l	97
90) Hexachloroethane	12.536	117	56176	51.804	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	198944	50.873	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33775	61.807	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	133765	48.935	ug/l	96
94) Hexachlorobutadiene	13.725	225	61983	45.408	ug/l	99
95) Naphthalene	13.774	128	461920	57.023	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143366	51.318	ug/l	97

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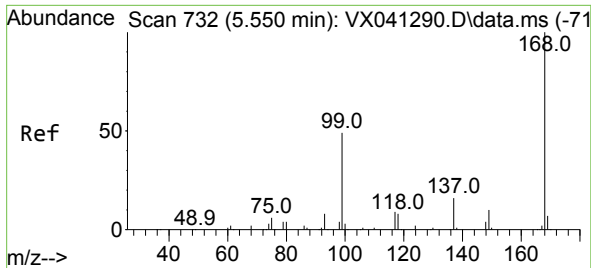
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/23/2024

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Quant Title : SW846 8260
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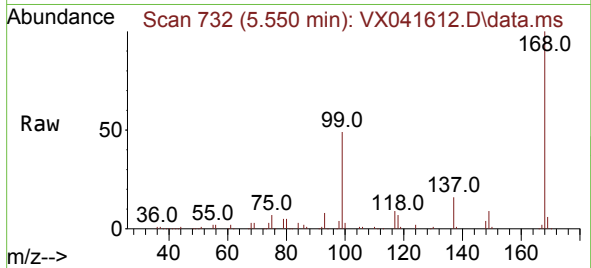
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041612.D
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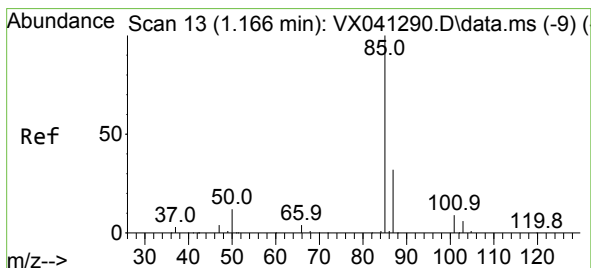
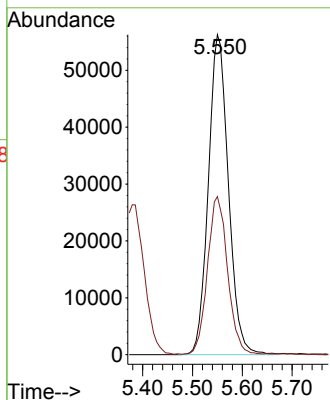
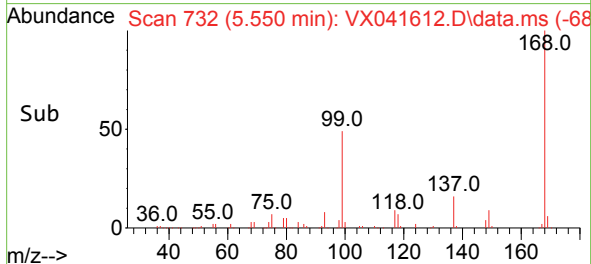
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 156992
Ion Ratio Lower Upper
168 100
99 49.2 56.6 85.0

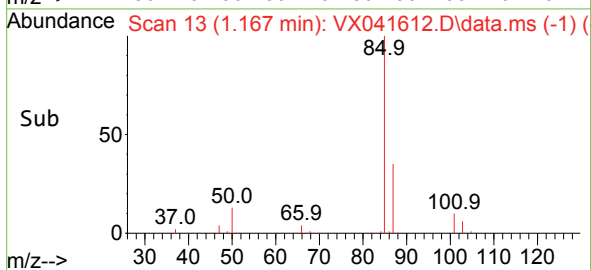
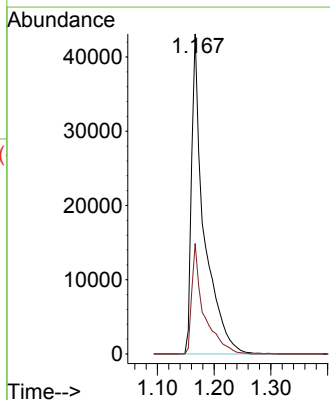
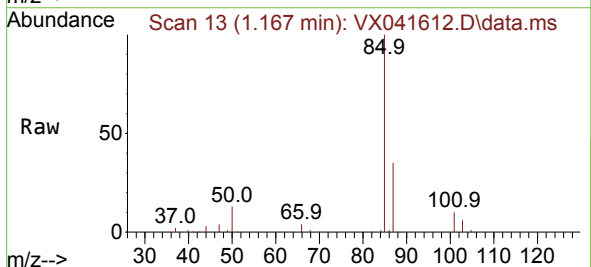
Manual Integrations
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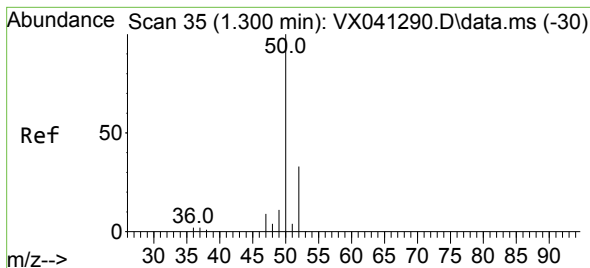
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#2
Dichlorodifluoromethane
Concen: 51.089 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 85 Resp: 65905
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.1





#3

Chloromethane

Concen: 50.476 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 67379

Ion Ratio Lower Upper

50 100

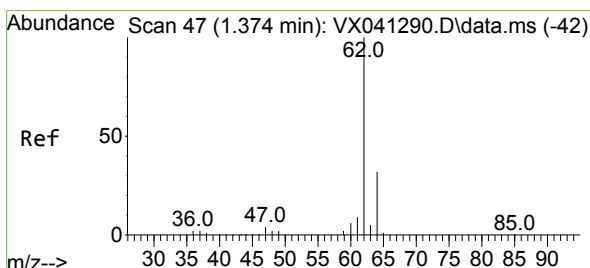
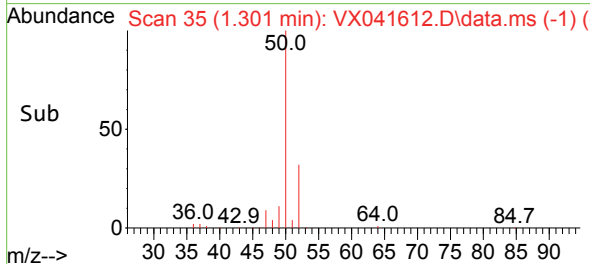
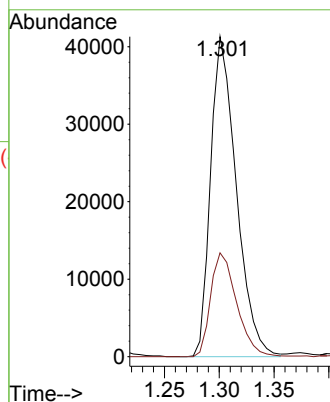
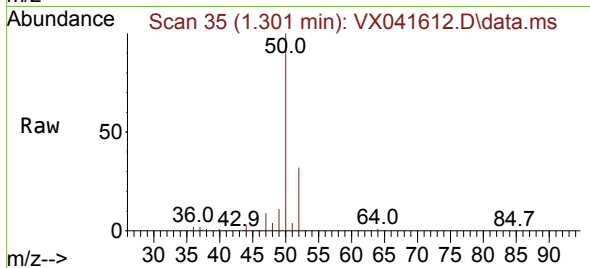
52 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#4

Vinyl Chloride

Concen: 55.914 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041612.D

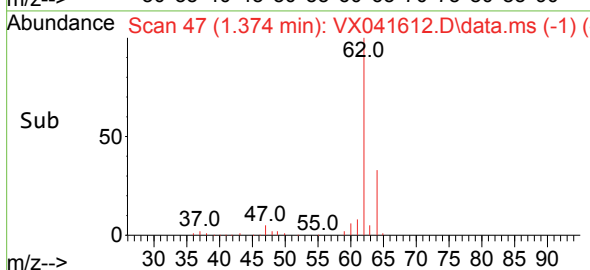
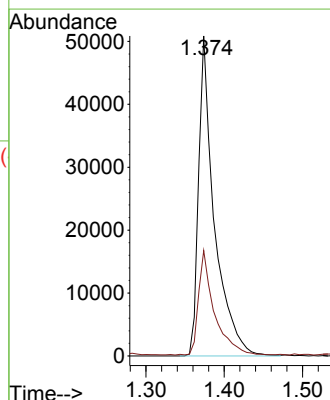
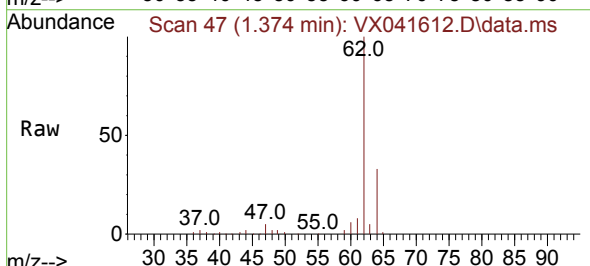
Acq: 22 May 2024 18:49

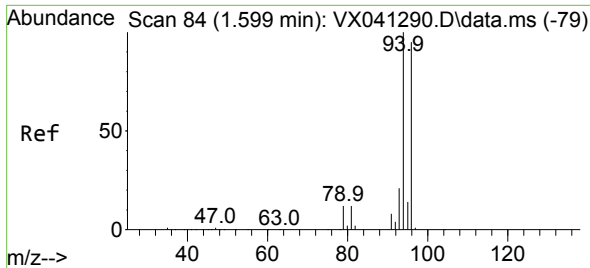
Tgt Ion: 62 Resp: 71151

Ion Ratio Lower Upper

62 100

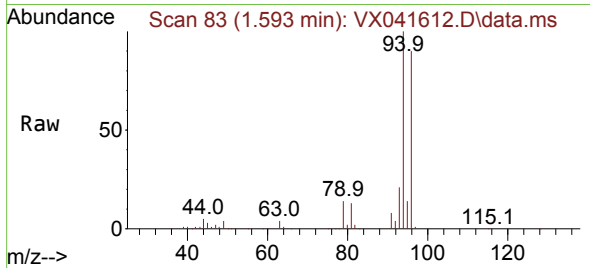
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 50.741 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

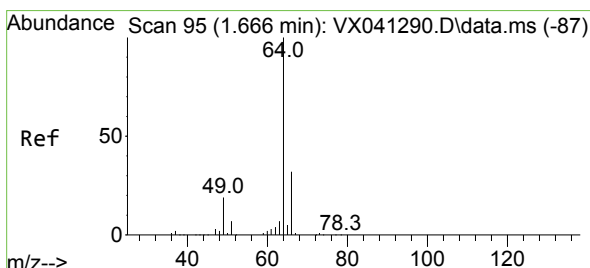
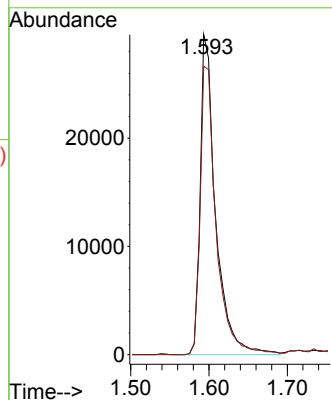
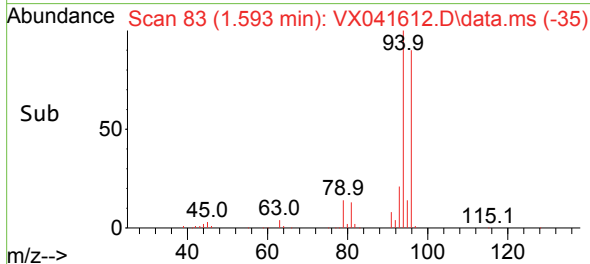
Instrument :
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Tgt Ion: 94 Resp: 40478
Ion Ratio Lower Upper
94 100
96 90.1 74.6 111.8

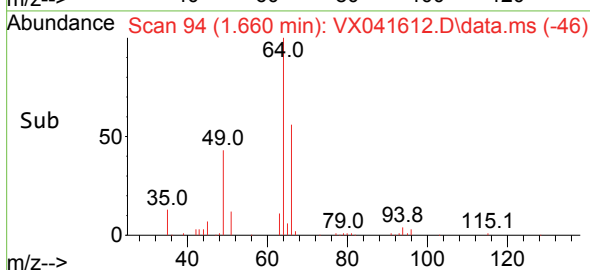
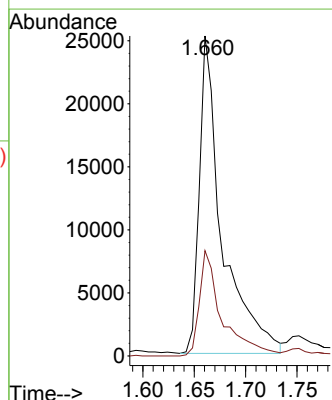
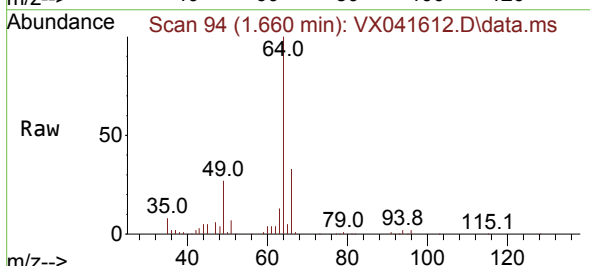
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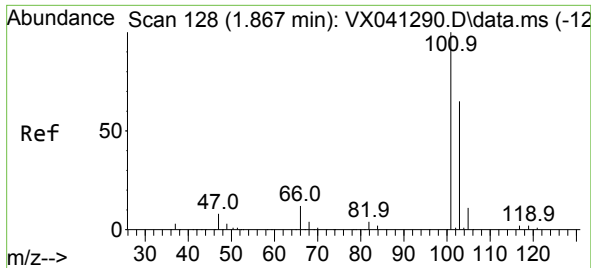
Reviewed By :John Carlone 05/23/2024
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#6
Chloroethane
Concen: 65.643 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041612.D
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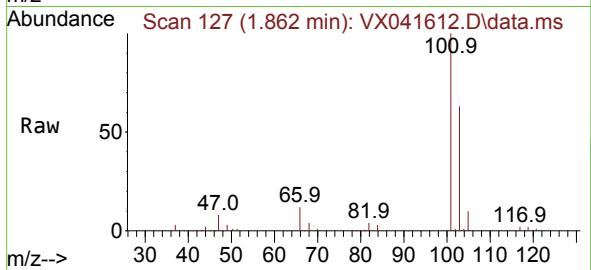
Tgt Ion: 64 Resp: 38784
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.011 ug/l
RT: 1.862 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

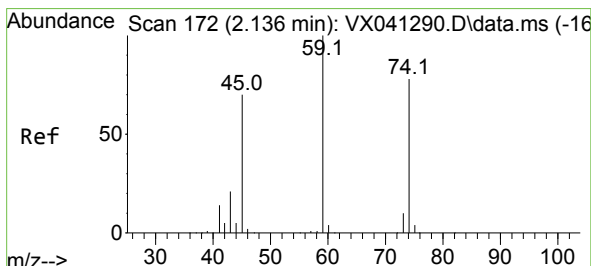
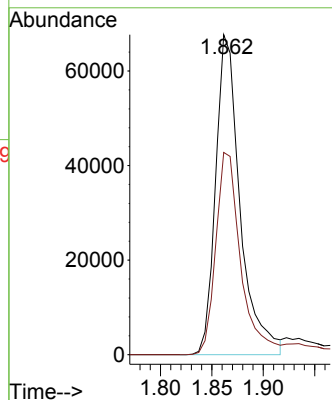
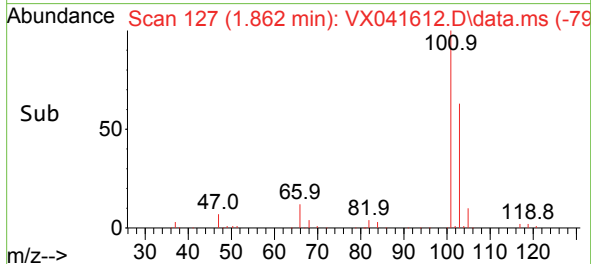
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11193
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

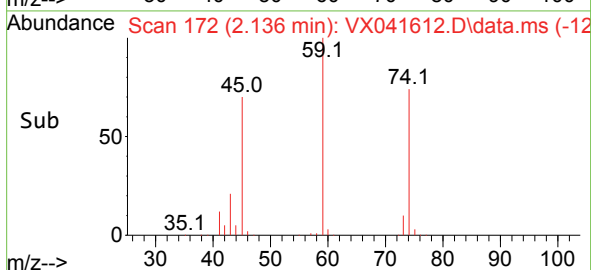
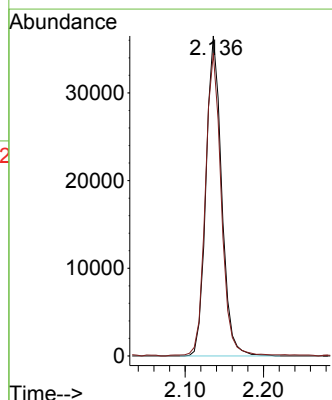
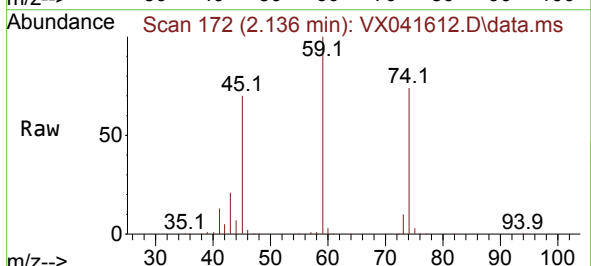
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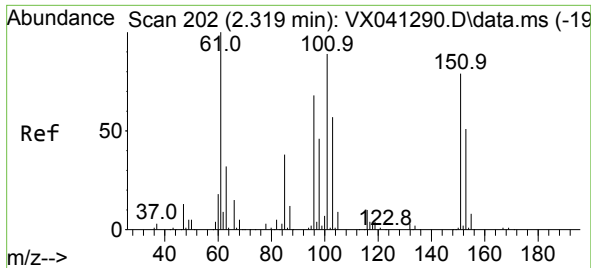
Reviewed By :John Carlone 05/23/2024
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#8
Diethyl Ether
Concen: 65.227 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 74 Resp: 50447
Ion Ratio Lower Upper
74 100
45 97.5 53.3 159.8





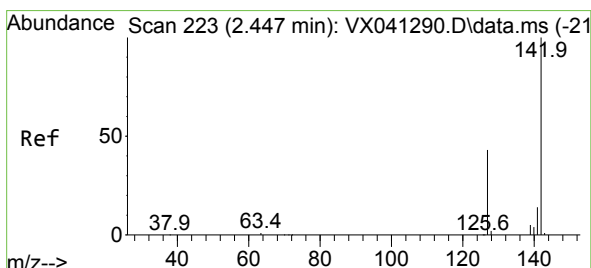
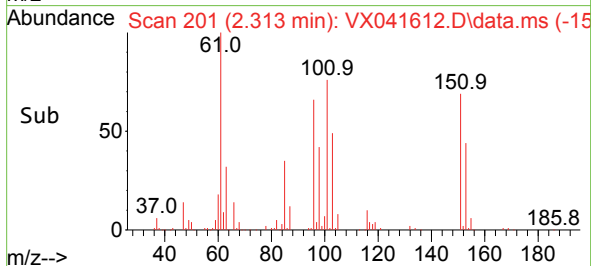
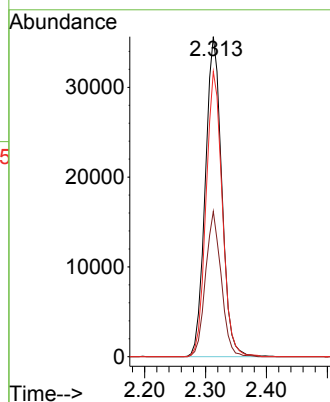
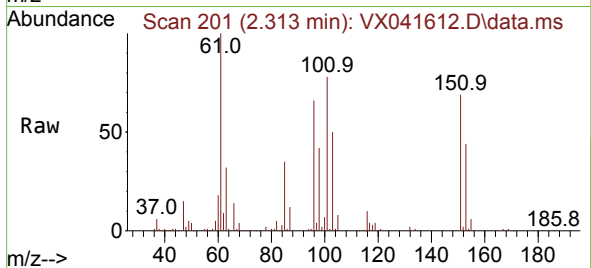
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.248 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6690
Ion Ratio Lower Upper
101 100
85 43.2 37.0 55.6
151 87.7 58.6 87.8

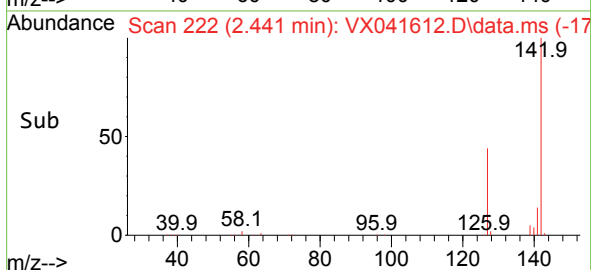
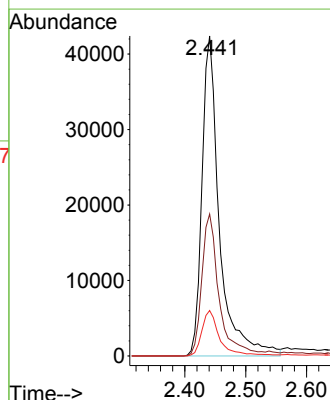
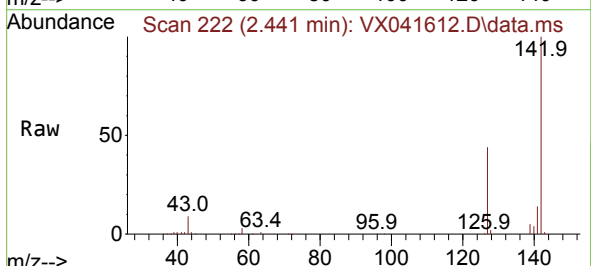
Manual Integrations
APPROVED

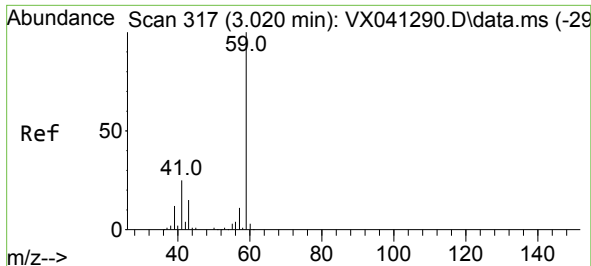
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#10
Methyl Iodide
Concen: 63.565 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

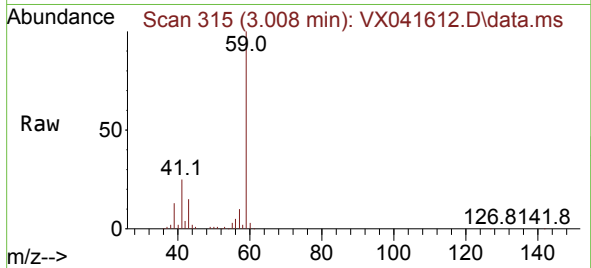
Tgt Ion:142 Resp: 84372
Ion Ratio Lower Upper
142 100
127 44.0 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 291.339 ug/l
RT: 3.008 min Scan# 317
Delta R.T. -0.012 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

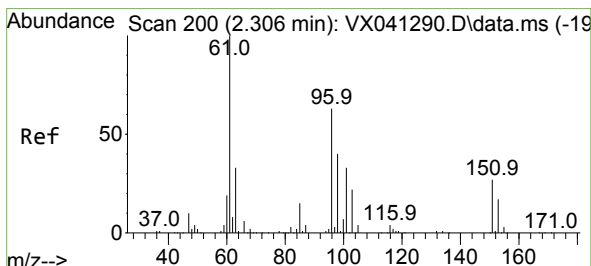
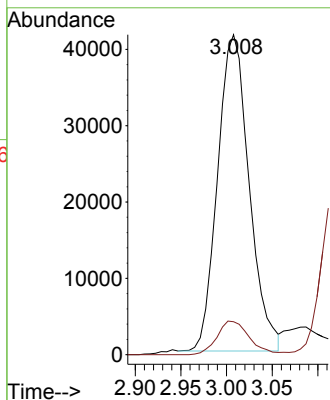
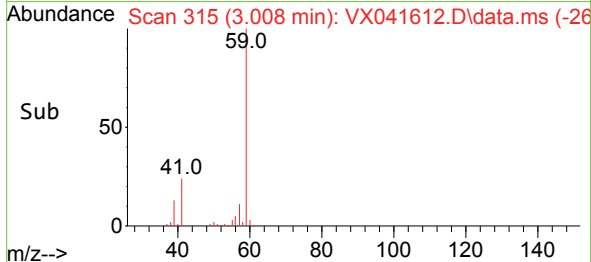
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



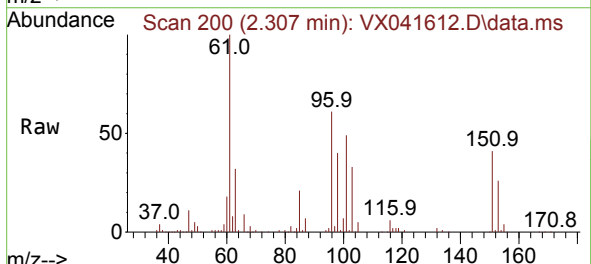
Tgt Ion: 59 Resp: 99660
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0

Manual Integrations
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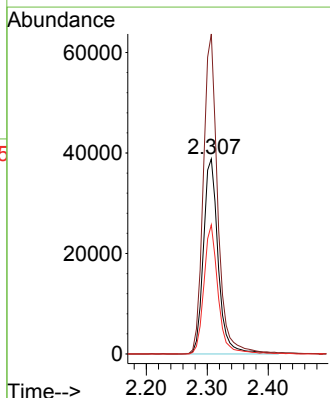
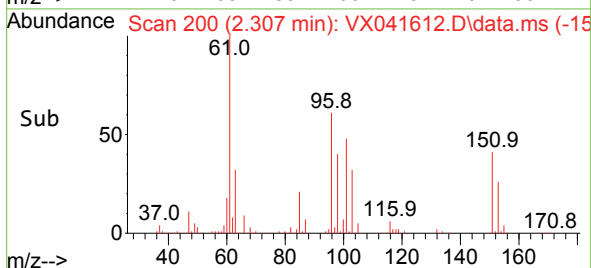
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

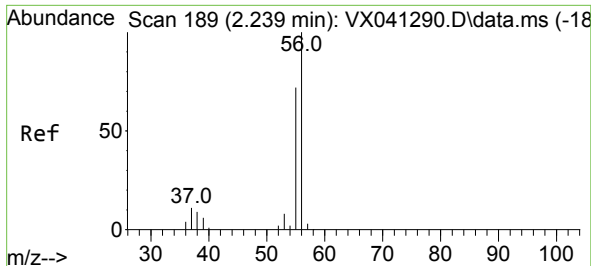


#12
1,1-Dichloroethene
Concen: 53.847 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



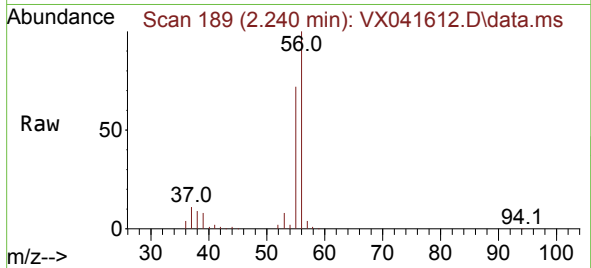
Tgt Ion: 96 Resp: 65508
Ion Ratio Lower Upper
96 100
61 164.1 144.6 216.8
98 66.2 50.4 75.6





#13
Acrolein
Concen: 257.665 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

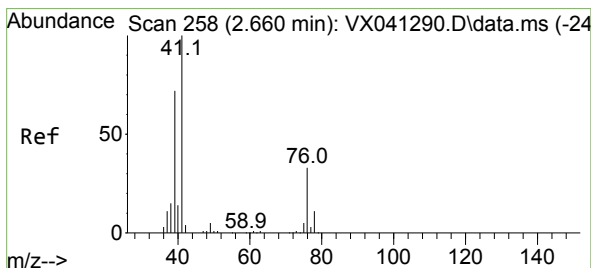
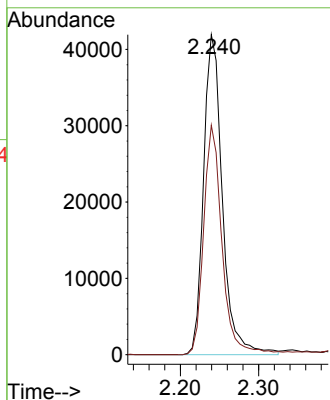
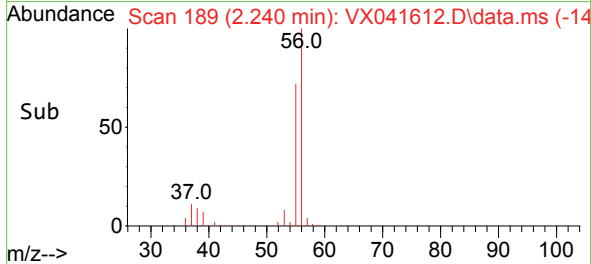
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 69924
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

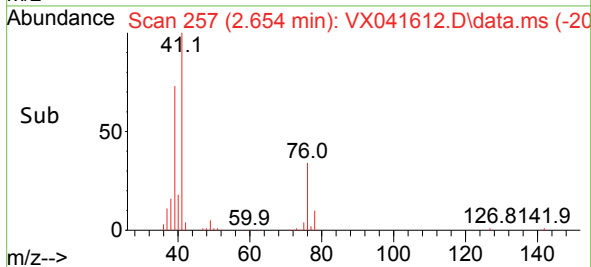
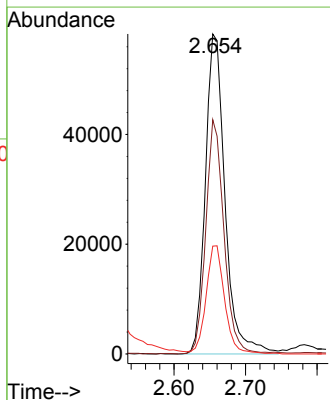
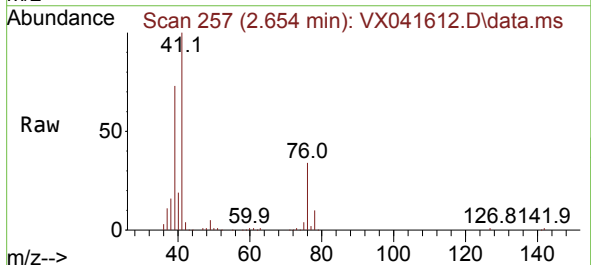
Manual Integrations
APPROVED

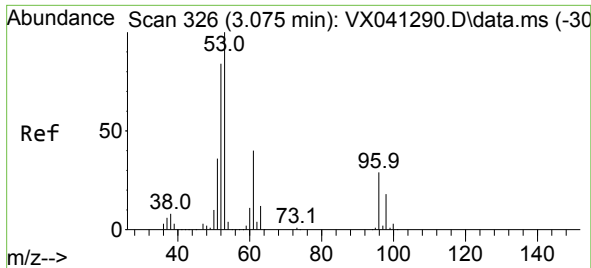
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#14
Allyl chloride
Concen: 54.534 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

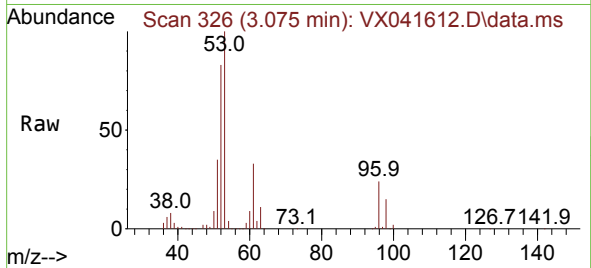
Tgt Ion: 41 Resp: 111463
Ion Ratio Lower Upper
41 100
39 68.1 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 326.078 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

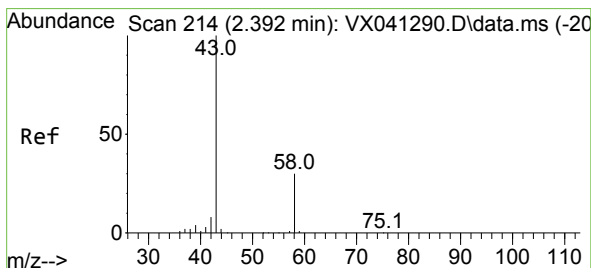
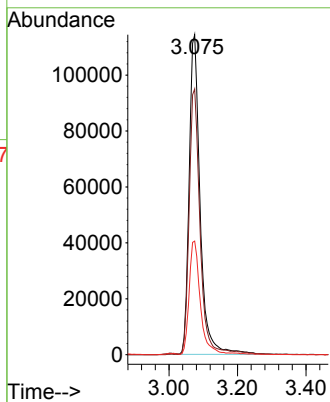
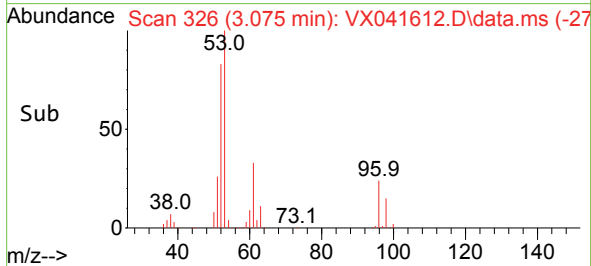
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



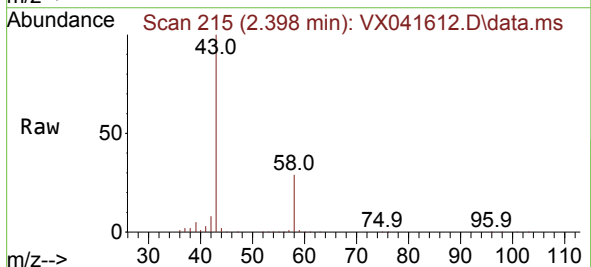
Tgt Ion: 53 Resp: 254570
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.3 29.8 44.6

Manual Integrations
APPROVED

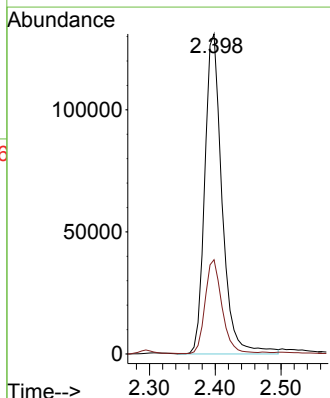
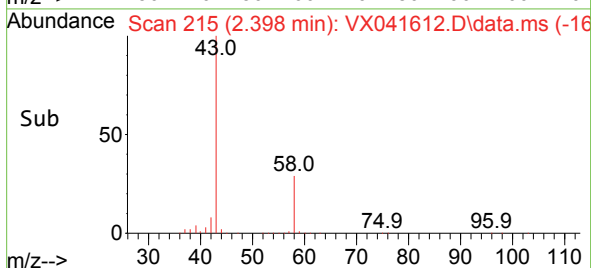
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

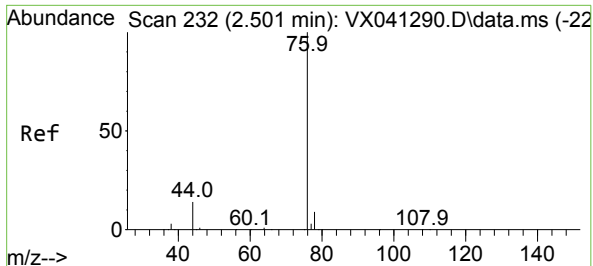


#16
Acetone
Concen: 320.813 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



Tgt Ion: 43 Resp: 240615
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9





#17

Carbon Disulfide

Concen: 38.798 ug/l

RT: 2.496 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11095

Ion Ratio Lower Upper

76 100

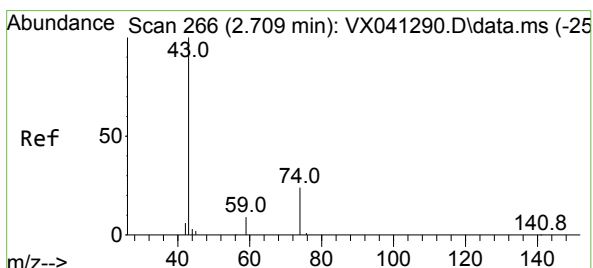
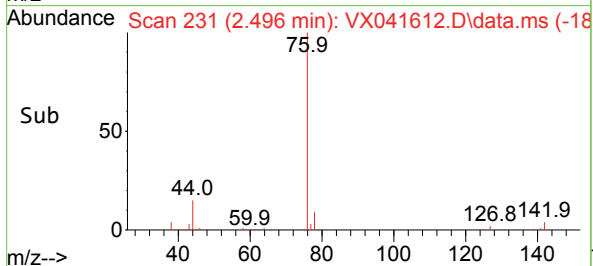
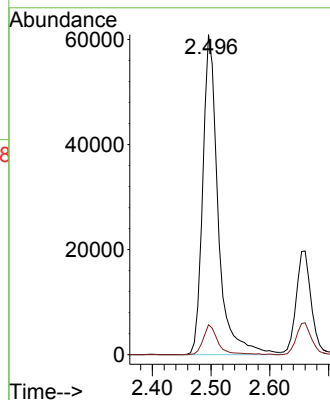
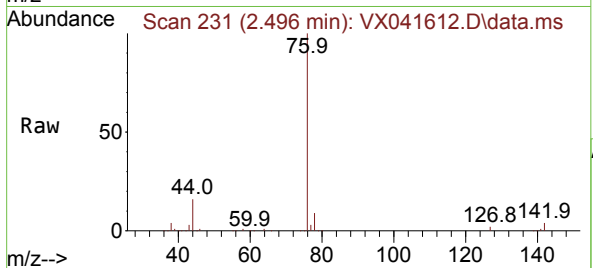
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#18

Methyl Acetate

Concen: 73.237 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041612.D

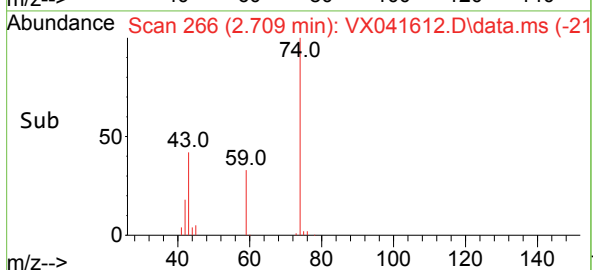
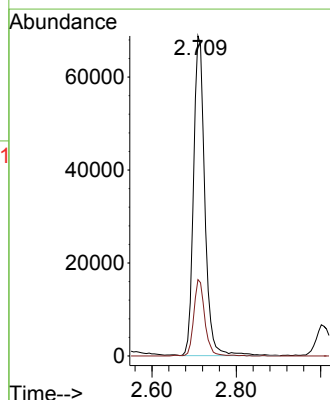
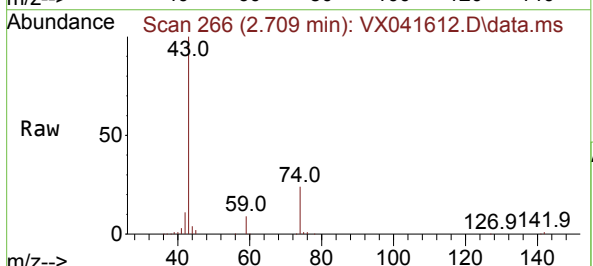
Acq: 22 May 2024 18:49

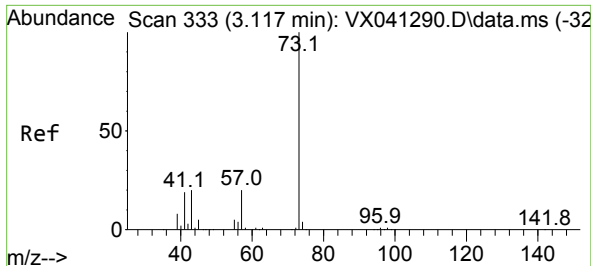
Tgt Ion: 43 Resp: 128060

Ion Ratio Lower Upper

43 100

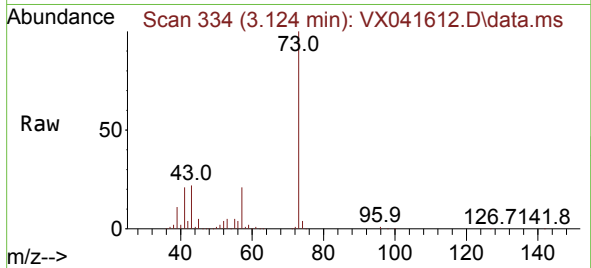
74 22.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 58.135 ug/l
RT: 3.124 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

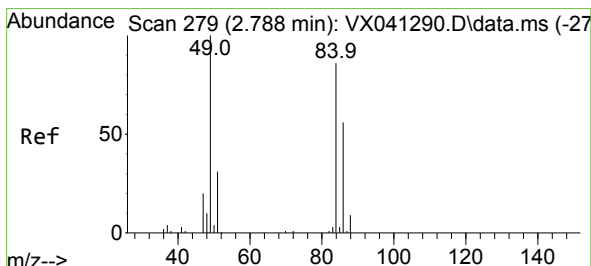
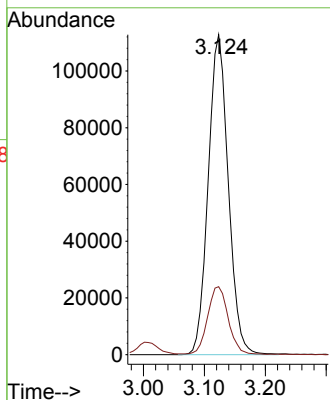
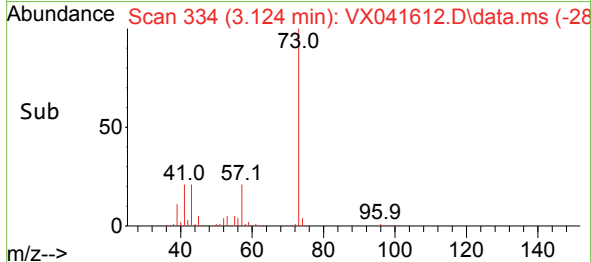
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 257819
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

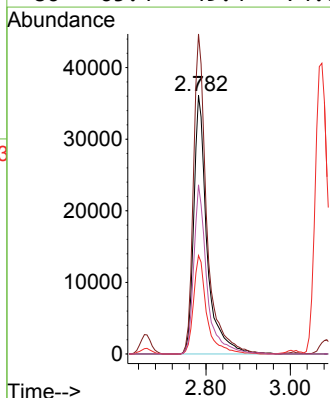
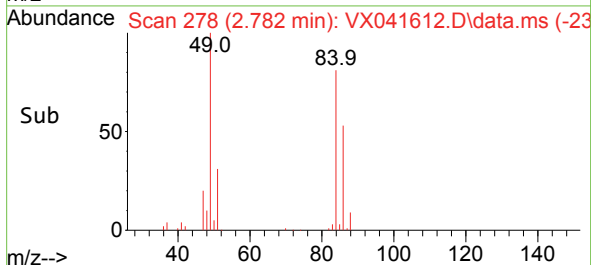
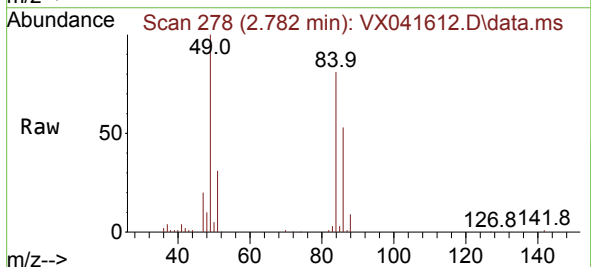
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#20
Methylene Chloride
Concen: 53.382 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

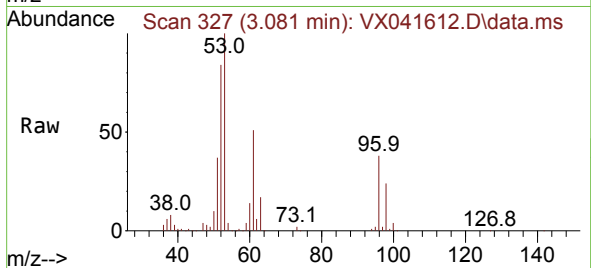
Tgt Ion: 84 Resp: 79203
Ion Ratio Lower Upper
84 100
49 123.8 103.6 155.4
51 38.1 33.8 50.6
86 65.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.931 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

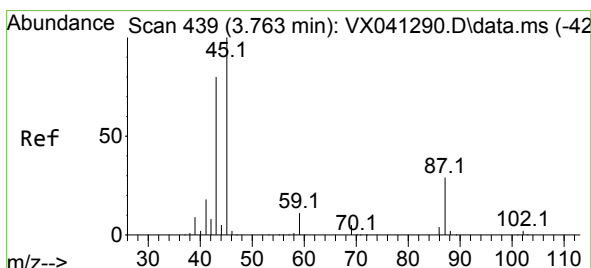
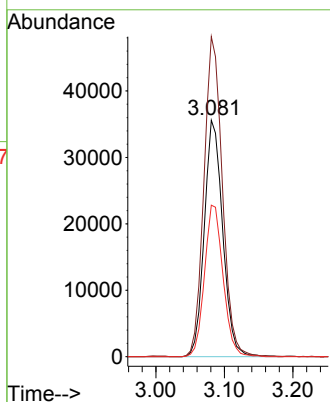
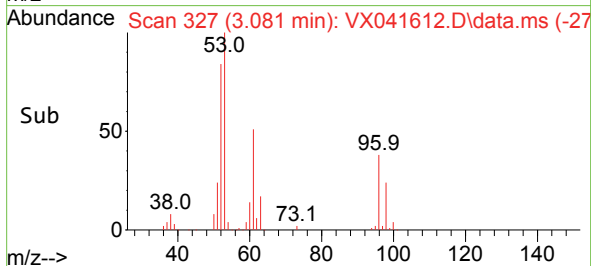
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 66529
Ion Ratio Lower Upper
96 100
61 135.4 119.2 178.8
98 64.1 48.7 73.1

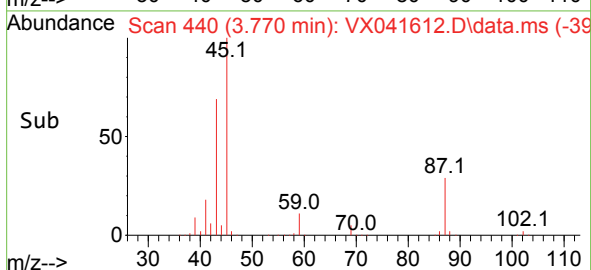
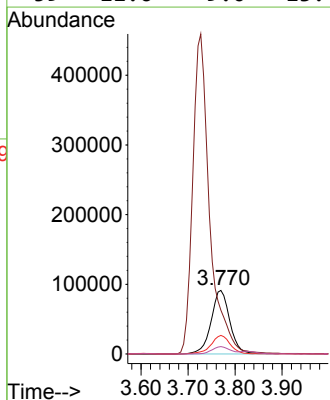
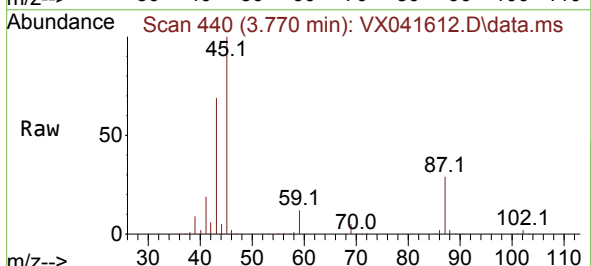
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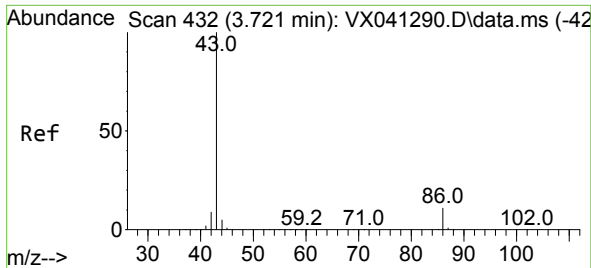
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#22
Diisopropyl ether
Concen: 58.402 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 45 Resp: 252981
Ion Ratio Lower Upper
45 100
43 68.3 69.7 104.5#
87 29.1 20.8 31.2
59 11.6 9.0 13.4





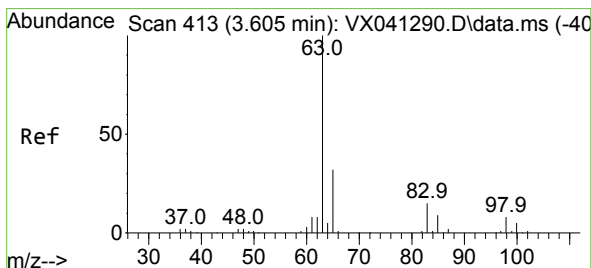
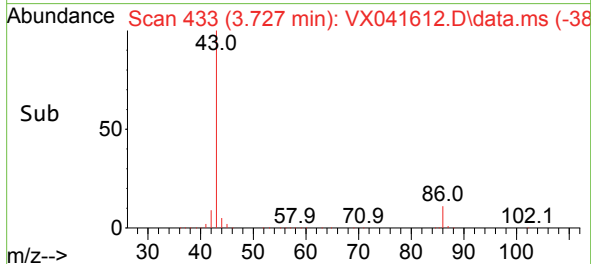
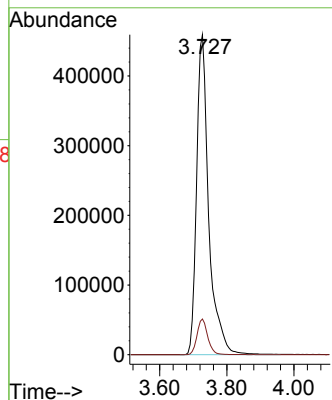
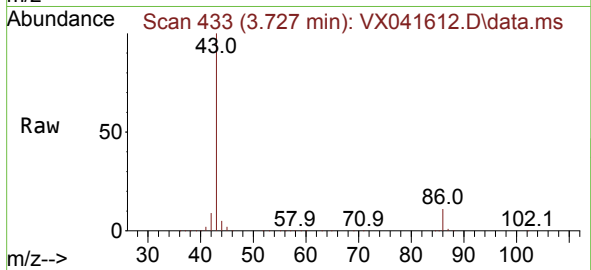
#23
 Vinyl Acetate
 Concen: 297.802 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX041612.D
 Acq: 22 May 2024 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 115394
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

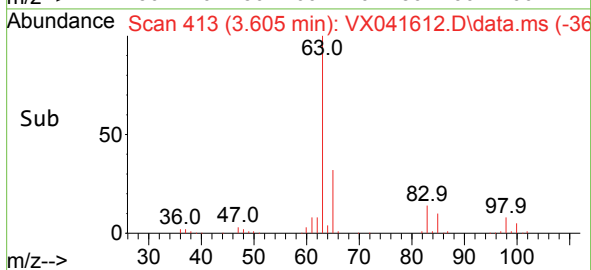
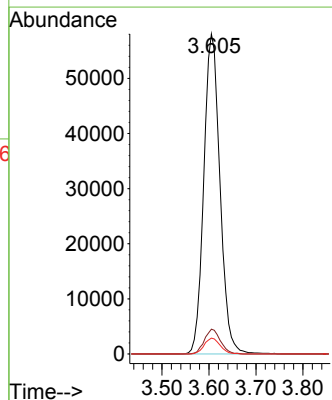
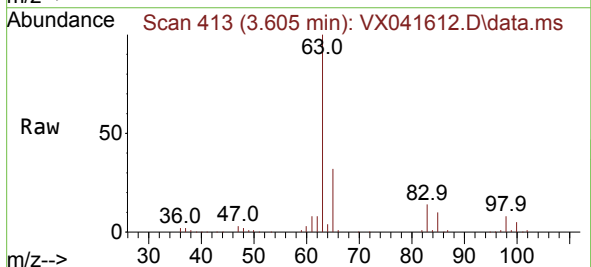
Manual Integrations
 APPROVED

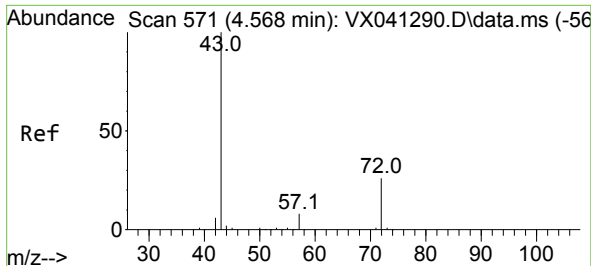
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#24
 1,1-Dichloroethane
 Concen: 56.653 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041612.D
 Acq: 22 May 2024 18:49

Tgt Ion: 63 Resp: 138641
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.0 2.1 6.5





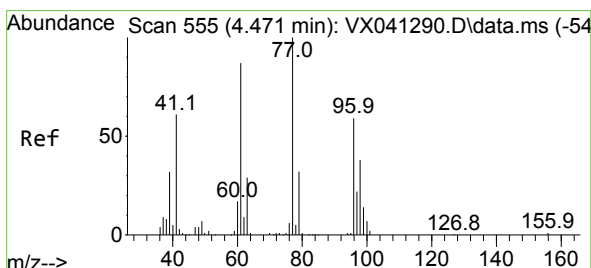
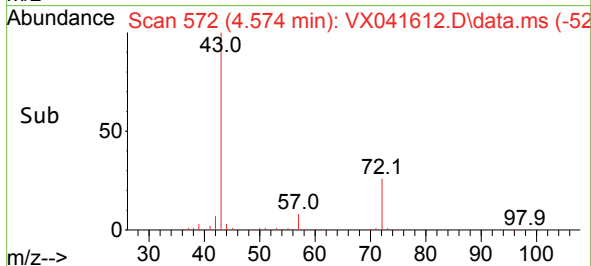
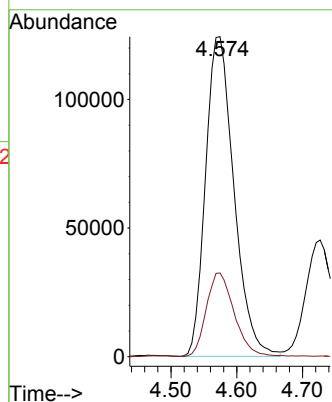
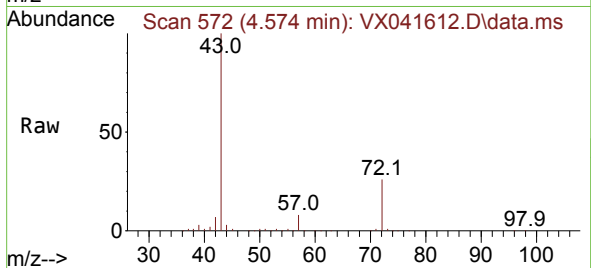
#25
2-Butanone
Concen: 337.506 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 37333
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

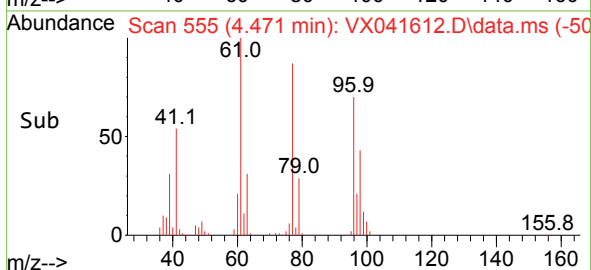
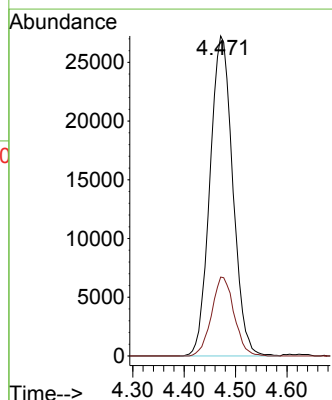
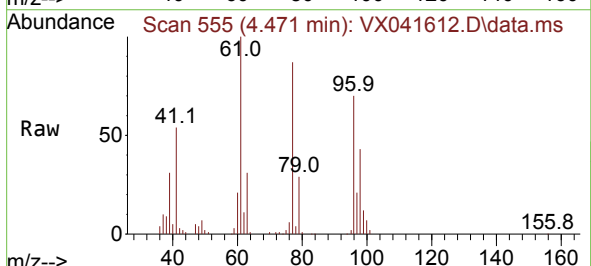
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#26
2,2-Dichloropropane
Concen: 40.998 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 77 Resp: 83886
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 55.675 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

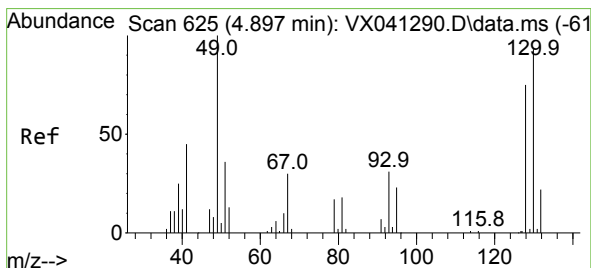
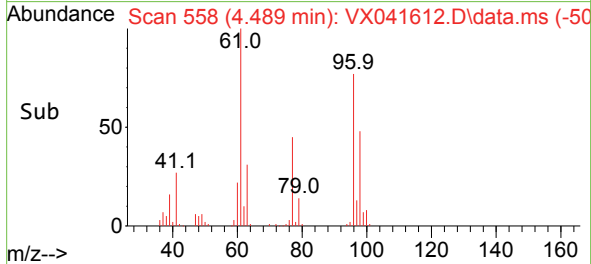
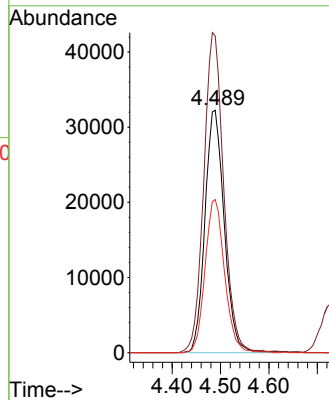
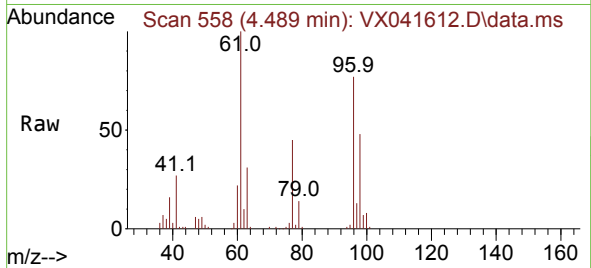
Tgt Ion:	96	Resp:	8962
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	312.2
98	63.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#28

Bromochloromethane

Concen: 57.601 ug/l

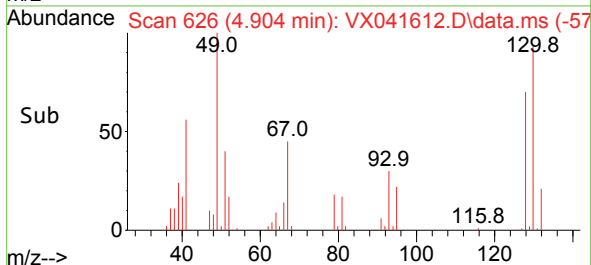
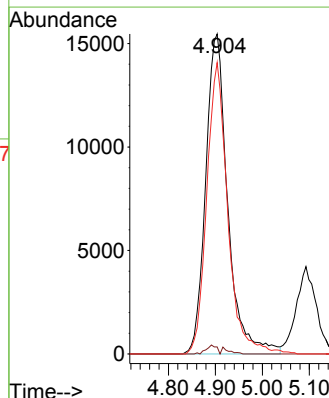
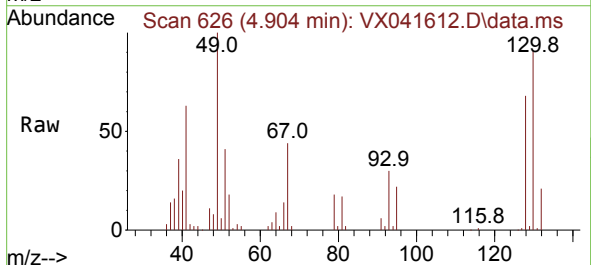
RT: 4.904 min Scan# 626

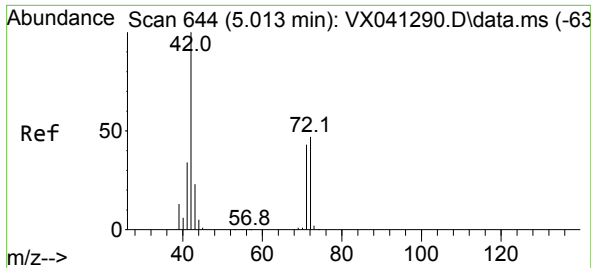
Delta R.T. 0.007 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

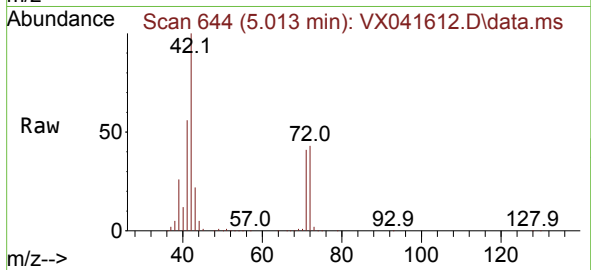
Tgt Ion:	49	Resp:	50307
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	87.0	57.5	86.3





#29
Tetrahydrofuran
Concen: 323.162 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

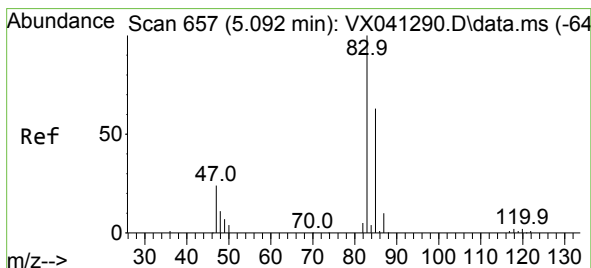
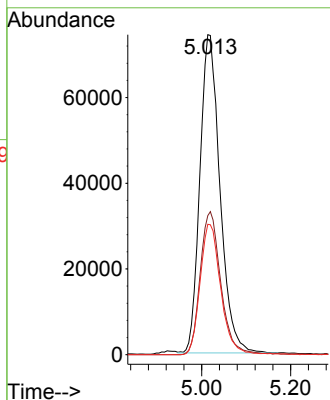
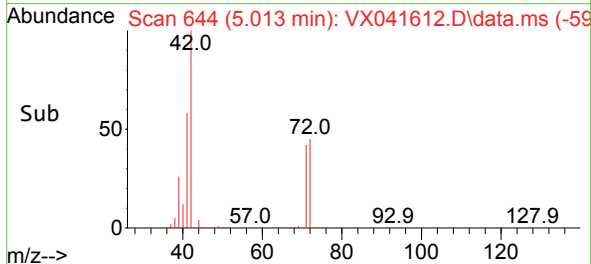
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



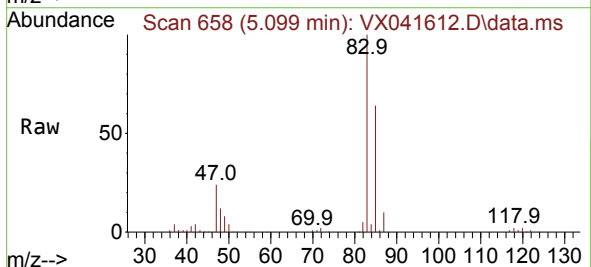
Tgt Ion: 42 Resp: 233783
Ion Ratio Lower Upper
42 100
72 46.0 34.2 51.4
71 41.9 32.2 48.2

Manual Integrations
APPROVED

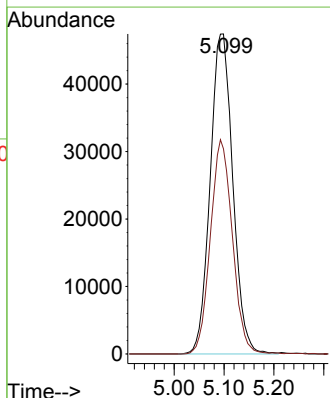
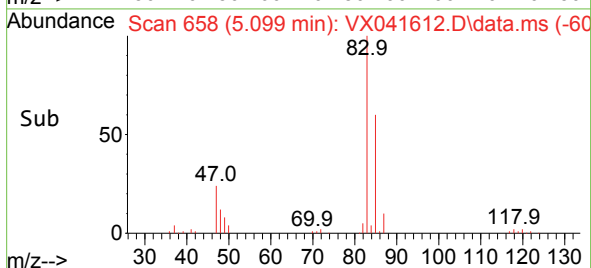
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

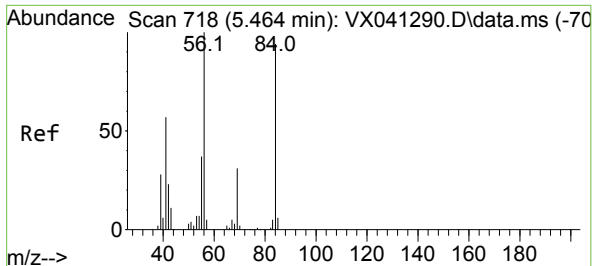


#30
Chloroform
Concen: 58.735 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



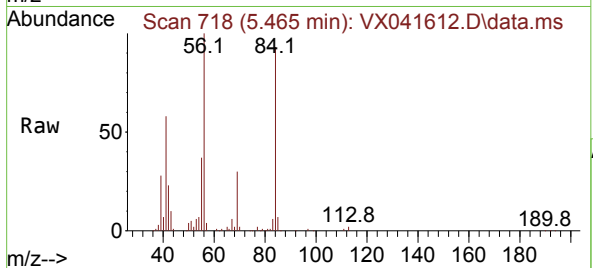
Tgt Ion: 83 Resp: 149540
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 46.190 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

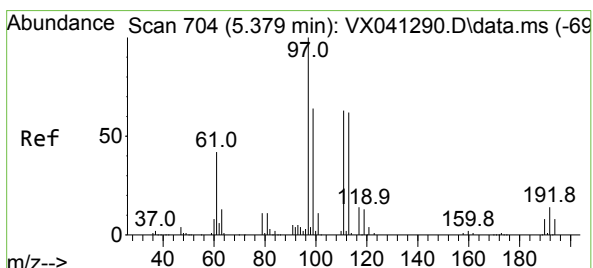
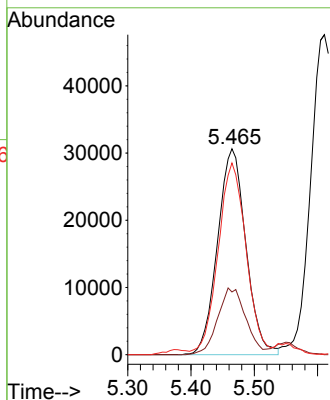
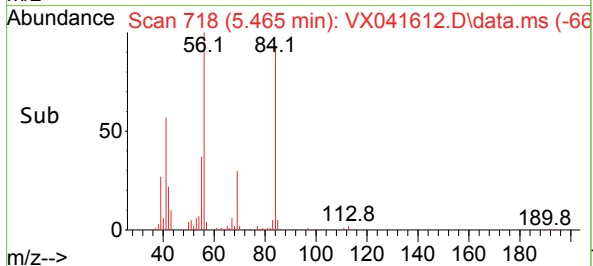
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 95270
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 90.6 65.9 98.9

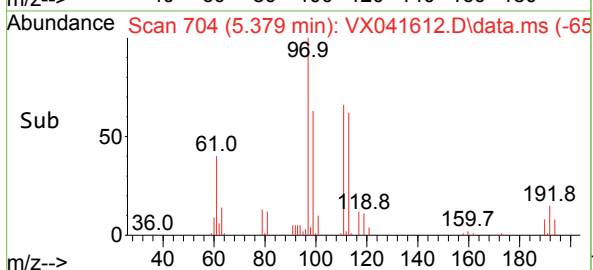
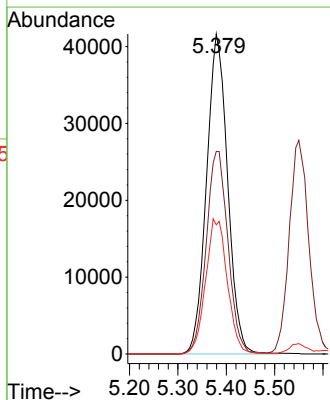
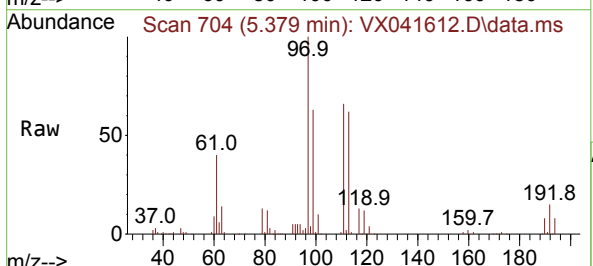
Manual Integrations
APPROVED

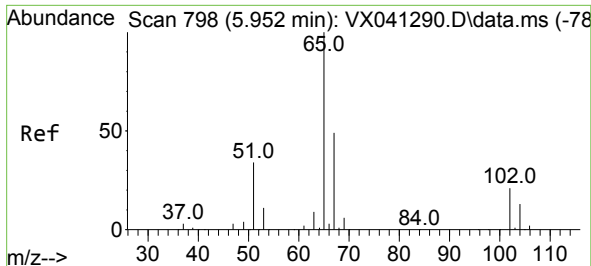
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#32
1,1,1-Trichloroethane
Concen: 54.592 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 97 Resp: 126454
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 60.656 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10366

Ion Ratio Lower Upper

65 100

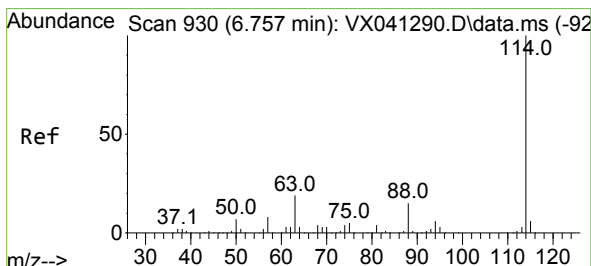
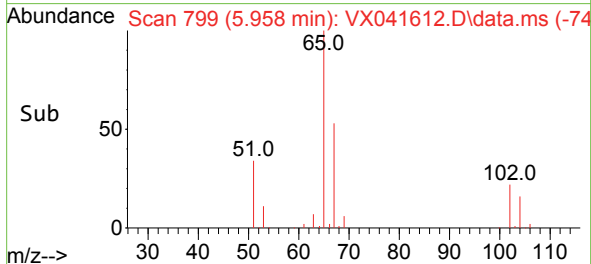
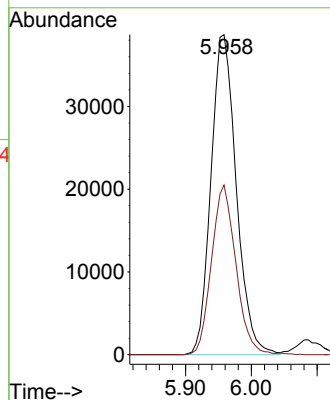
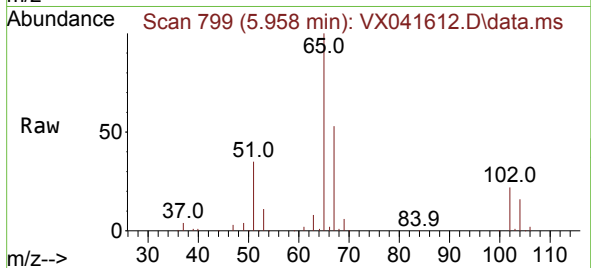
67 51.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

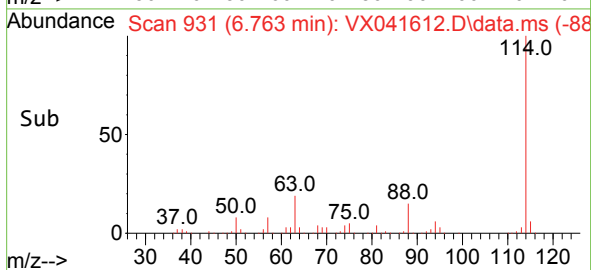
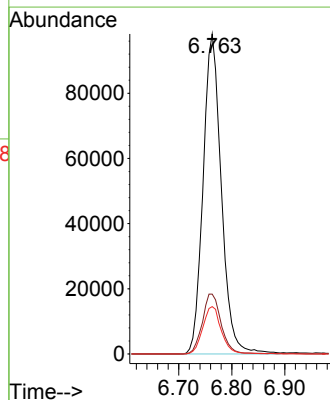
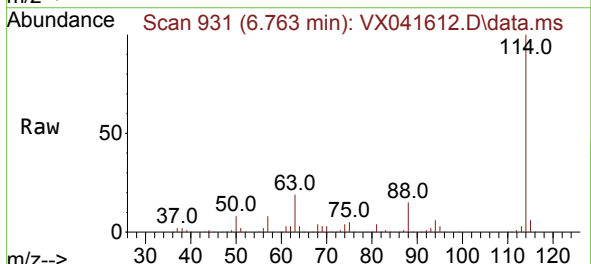
Tgt Ion:114 Resp: 234525

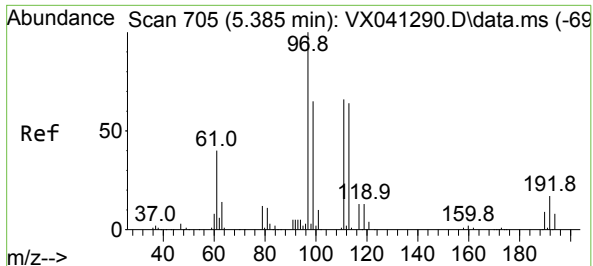
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

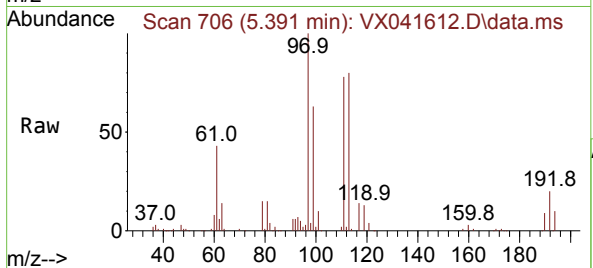
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.389 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

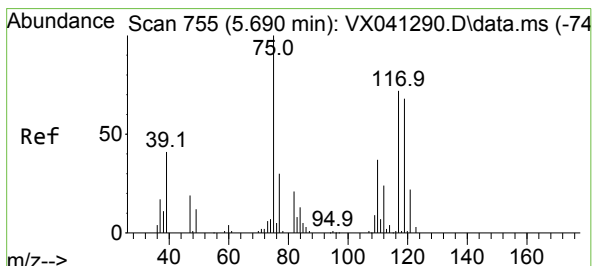
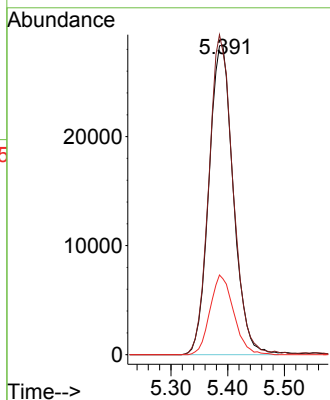
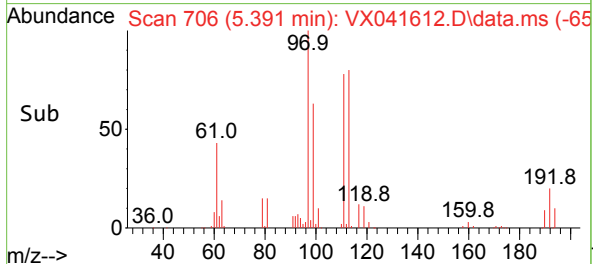
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 8485
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 24.9 13.3 19.9

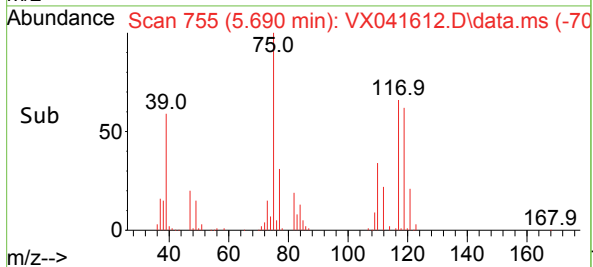
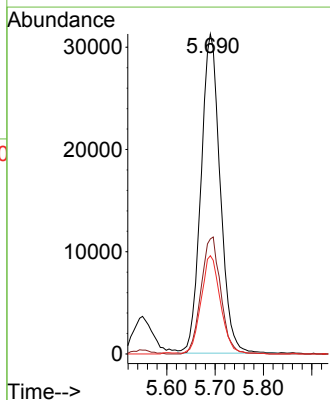
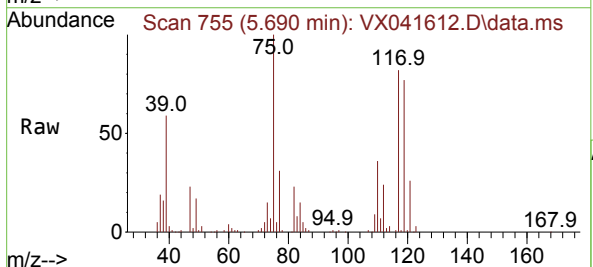
Manual Integrations
APPROVED

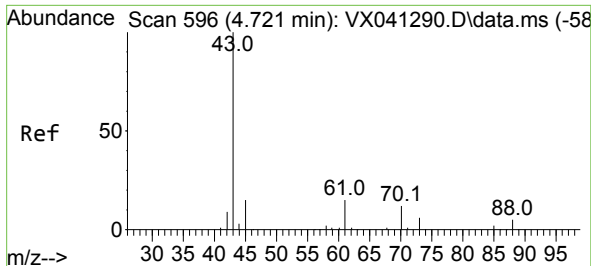
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#36
1,1-Dichloropropene
Concen: 45.324 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 75 Resp: 86135
Ion Ratio Lower Upper
75 100
110 37.5 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 58.191 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 137980

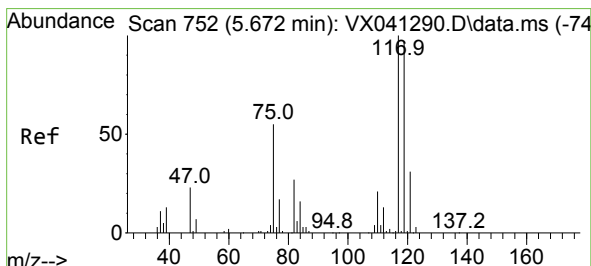
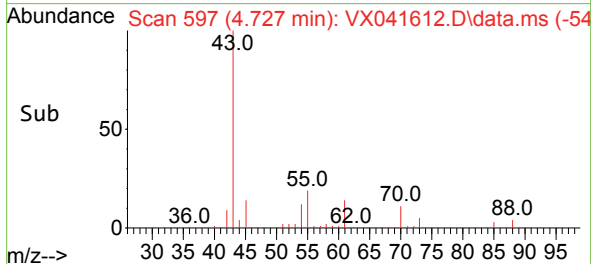
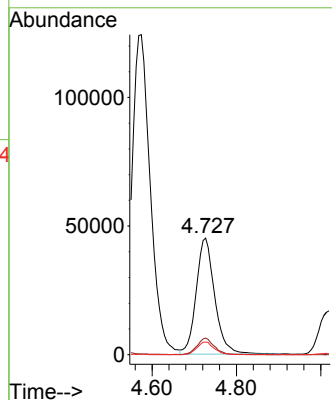
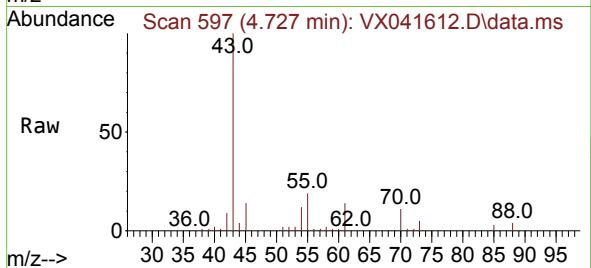
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.6	16.0
70	10.1	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#38

Carbon Tetrachloride

Concen: 47.681 ug/l

RT: 5.672 min Scan# 752

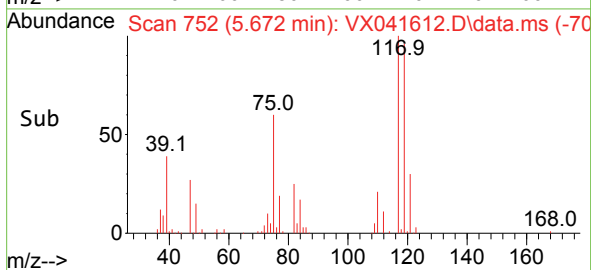
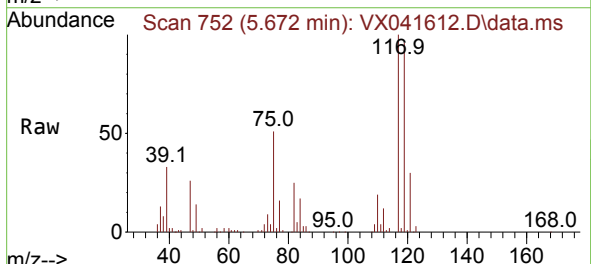
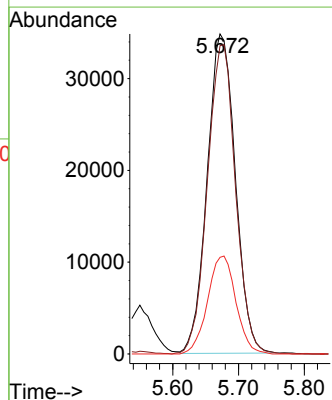
Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Tgt Ion:117 Resp: 103807

Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
121	30.3	24.4	36.6





#39
Methylcyclohexane
Concen: 44.672 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

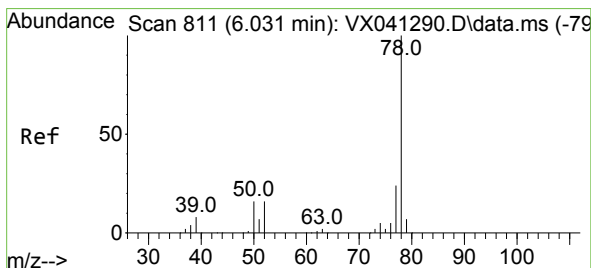
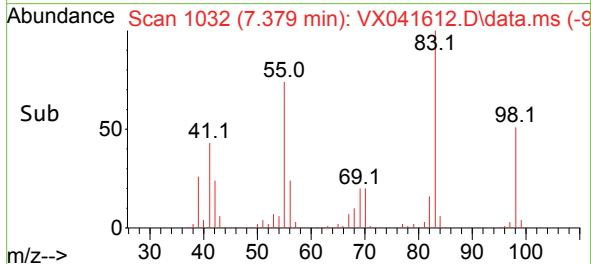
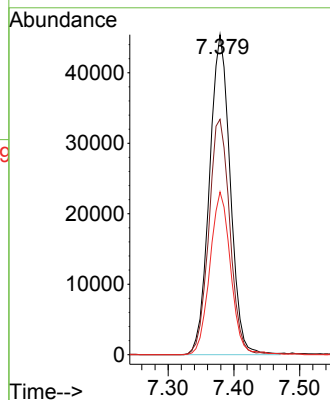
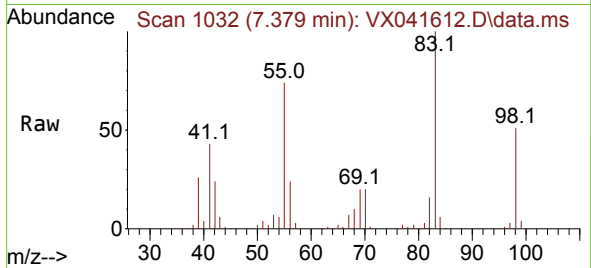
Tgt Ion: 83 Resp: 99730
Ion Ratio Lower Upper
83 100
55 73.6 64.6 97.0
98 50.9 36.7 55.1

Manual Integrations

APPROVED

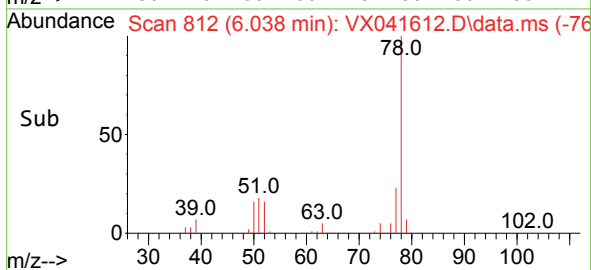
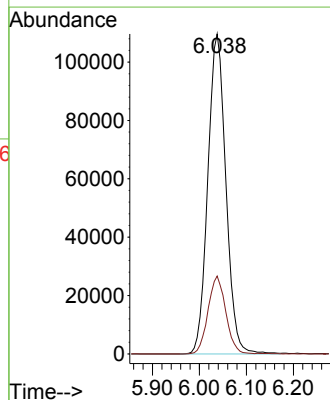
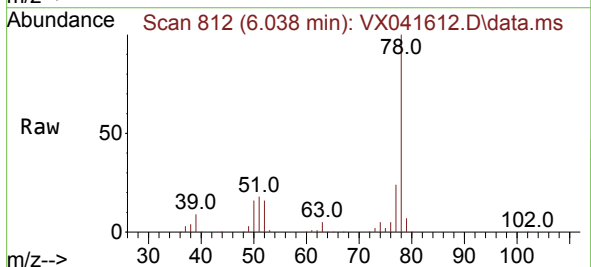
Reviewed By :John Carlone 05/23/2024

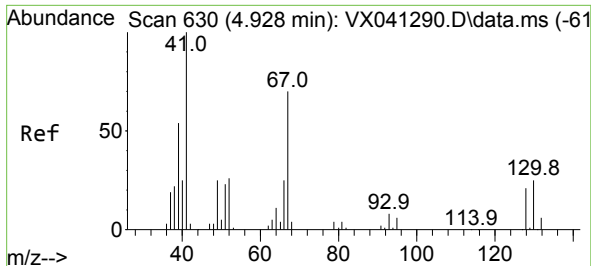
Supervised By :Mahesh Dadoda 05/23/2024



#40
Benzene
Concen: 49.862 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 78 Resp: 292117
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





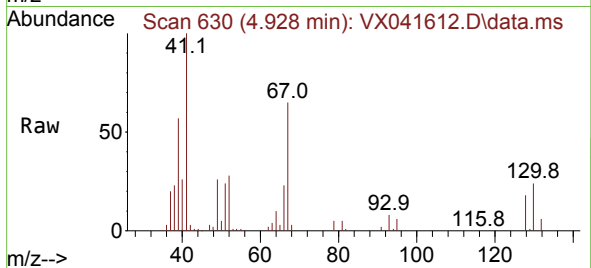
#41
Methacrylonitrile
Concen: 61.353 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



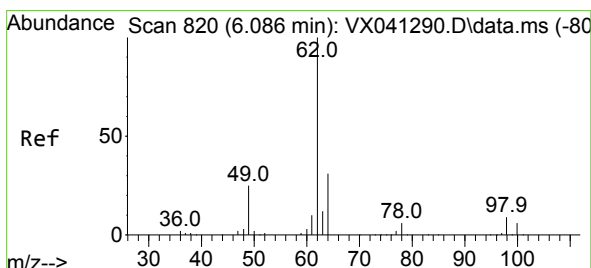
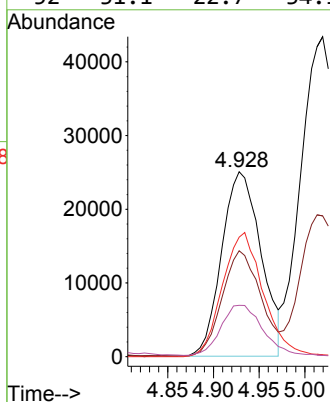
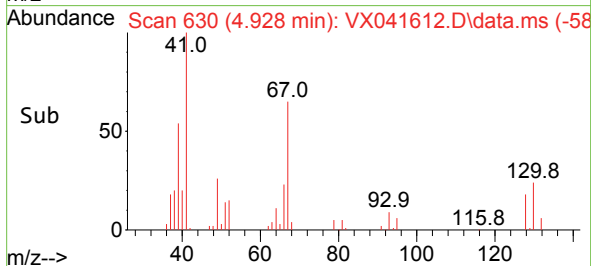
Tgt Ion: 41 Resp: 7487
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 70.4 52.6 78.8
52 31.1 22.7 34.1

Manual Integrations

APPROVED

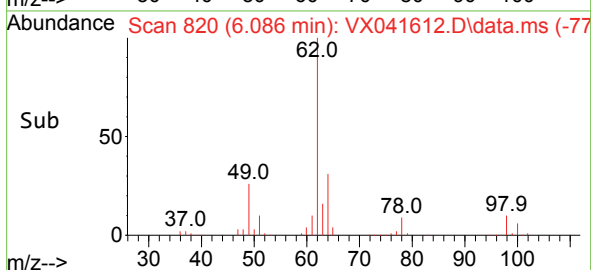
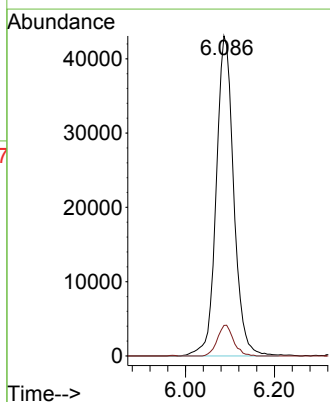
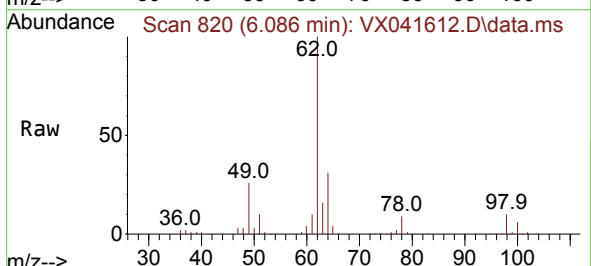
Reviewed By :John Carlone 05/23/2024

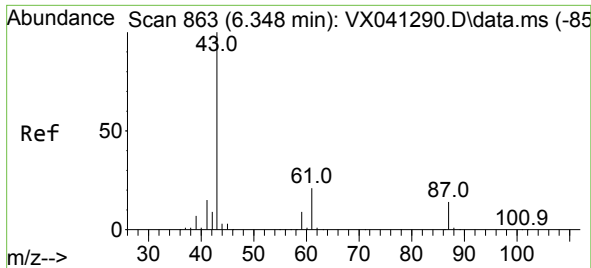
Supervised By :Mahesh Dadoda 05/23/2024



#42
1,2-Dichloroethane
Concen: 54.730 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 62 Resp: 117509
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 57.802 ug/l

RT: 6.349 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

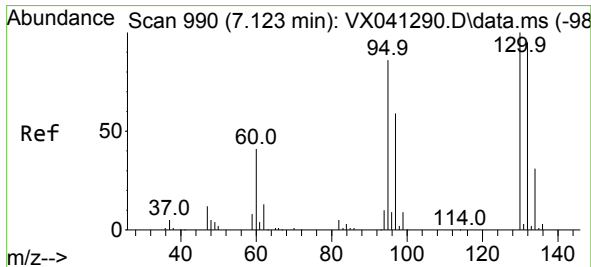
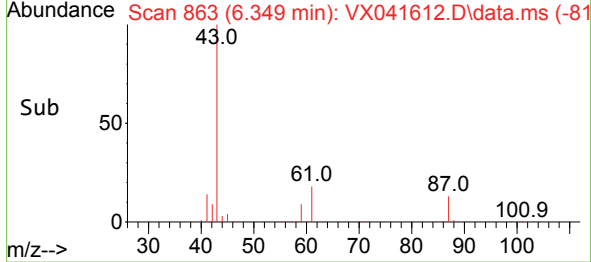
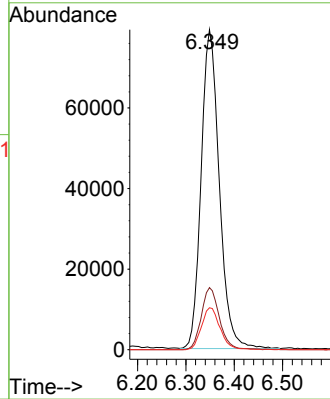
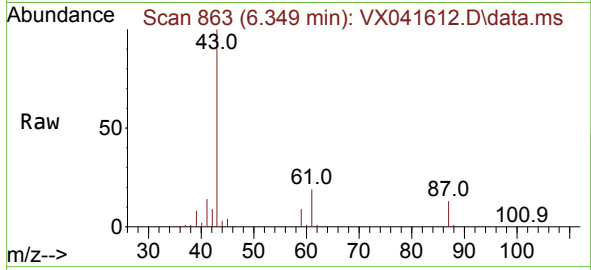
Tgt Ion: 43	Resp: 206079
Ion Ratio	Lower Upper
43 100	
61 19.4	15.2 22.8
87 13.5	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#44

Trichloroethene

Concen: 50.525 ug/l

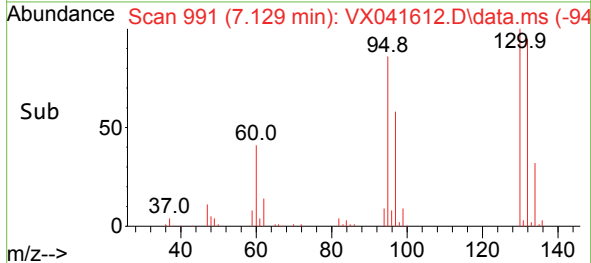
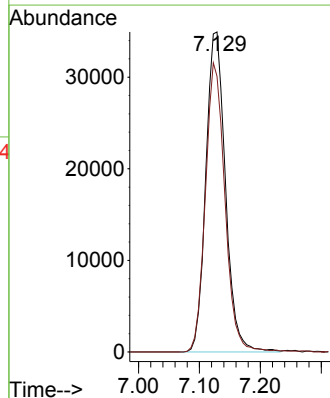
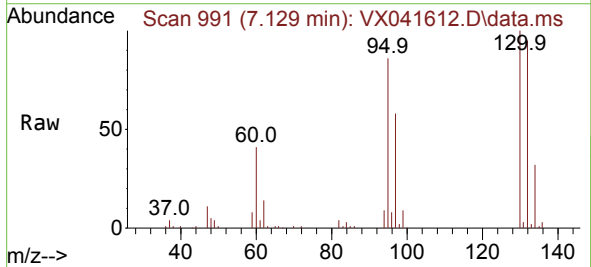
RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Tgt Ion:130	Resp: 78163
Ion Ratio	Lower Upper
130 100	
95 86.1	0.0 204.4





#45

1,2-Dichloropropane

Concen: 57.149 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7480

Ion Ratio Lower Upper

63 100

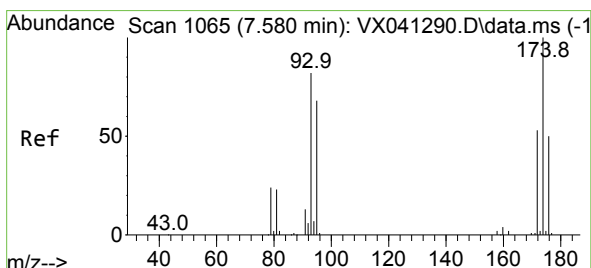
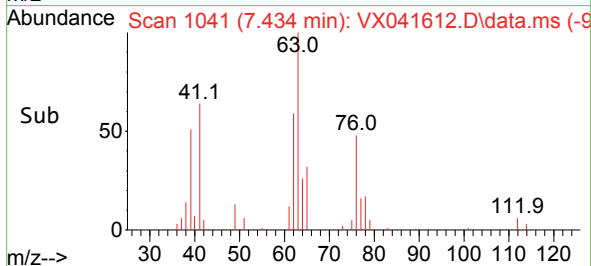
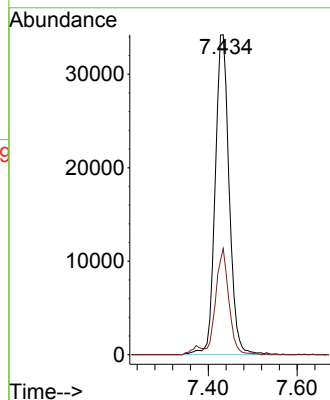
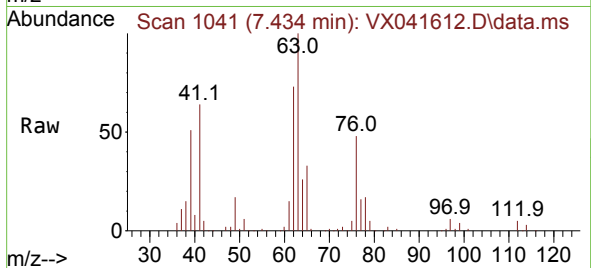
65 33.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#46

Dibromomethane

Concen: 54.662 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

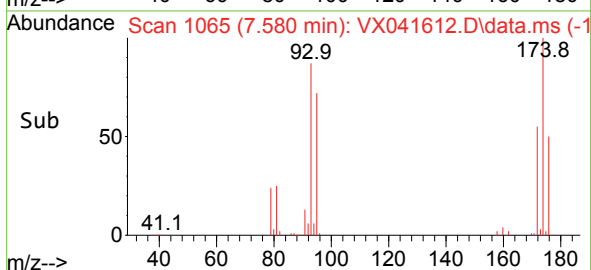
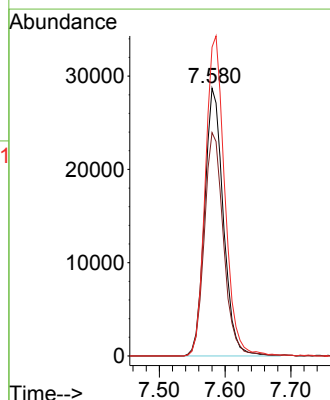
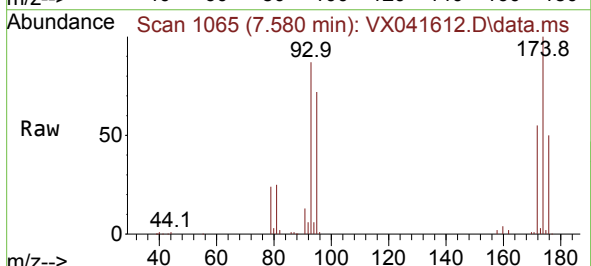
Tgt Ion: 93 Resp: 56959

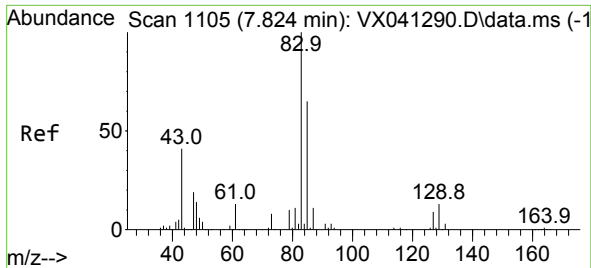
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

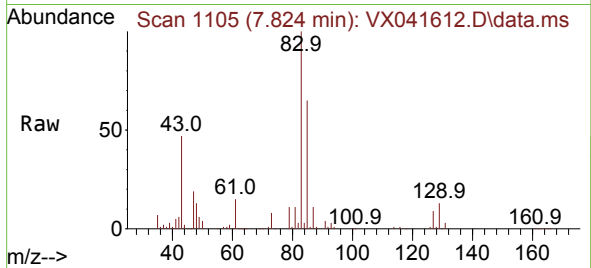
174 123.6 69.4 104.0#





#47
Bromodichloromethane
Concen: 60.365 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

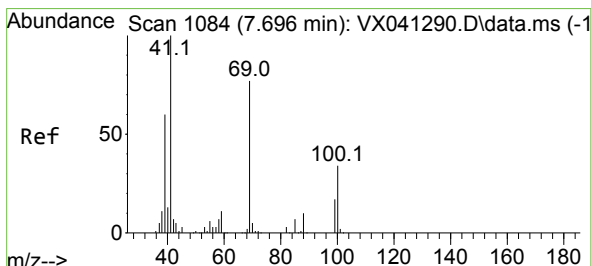
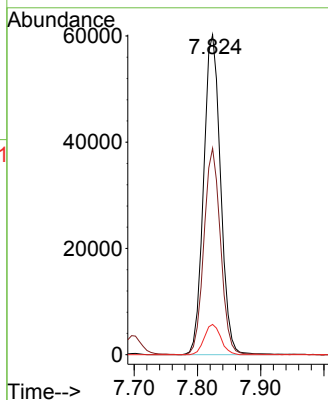
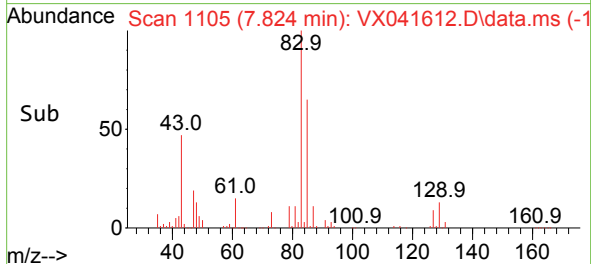
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 112091
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 9.4 7.1 10.7

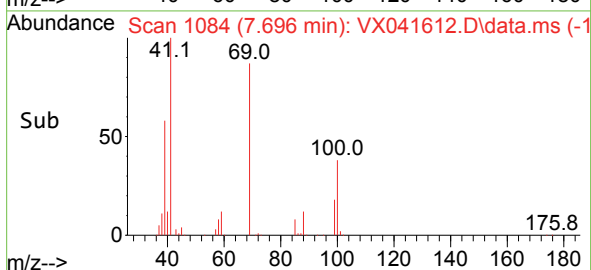
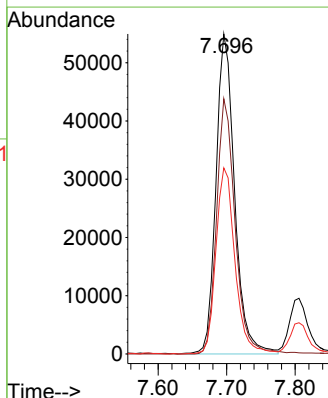
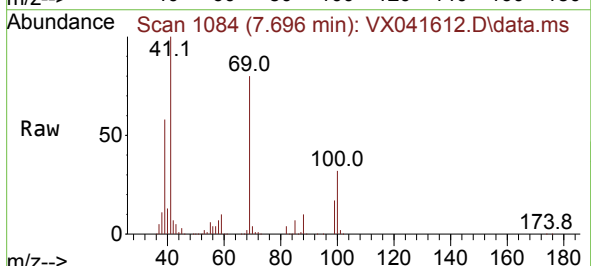
Manual Integrations
APPROVED

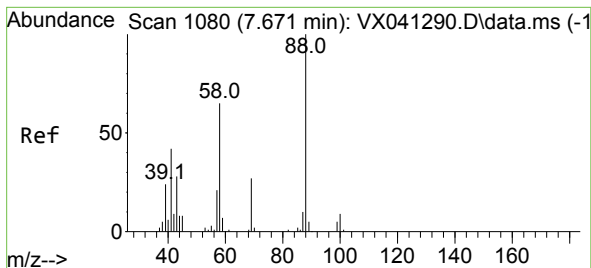
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#48
Methyl methacrylate
Concen: 63.515 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 41 Resp: 103806
Ion Ratio Lower Upper
41 100
69 79.6 59.2 88.8
39 59.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1462.641 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

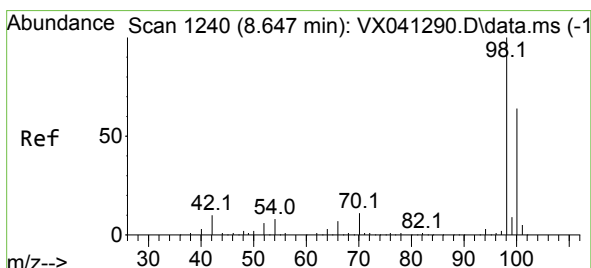
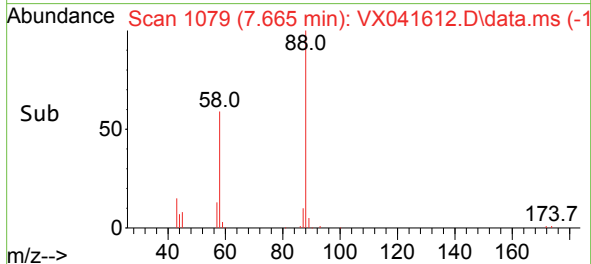
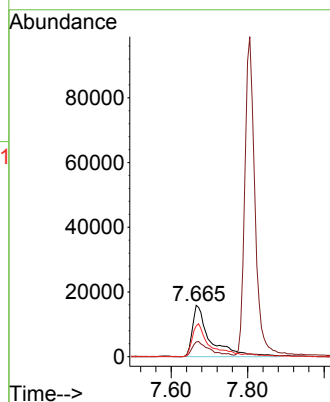
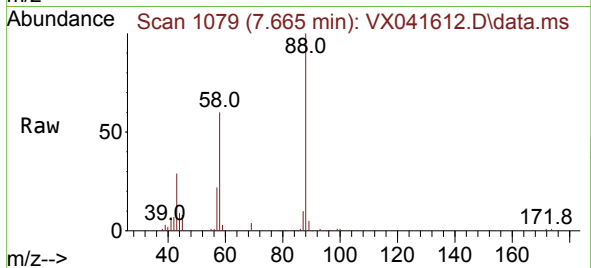
Tgt Ion: 88 Resp: 51683
 Ion Ratio Lower Upper
 88 100
 43 30.2 0.0 0.0
 58 61.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#50

Toluene-d8

Concen: 55.588 ug/l

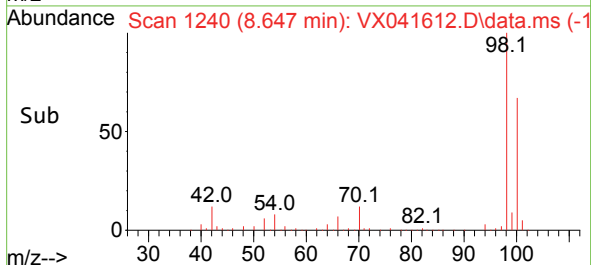
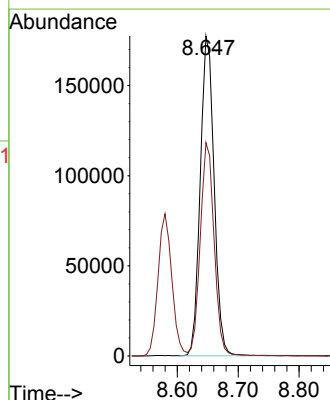
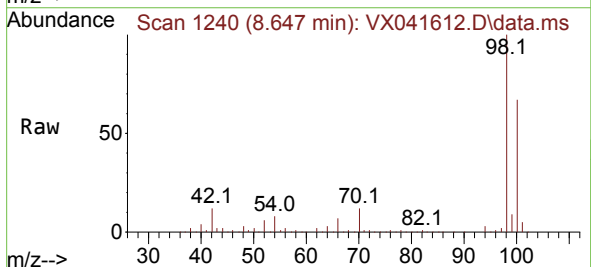
RT: 8.647 min Scan# 1240

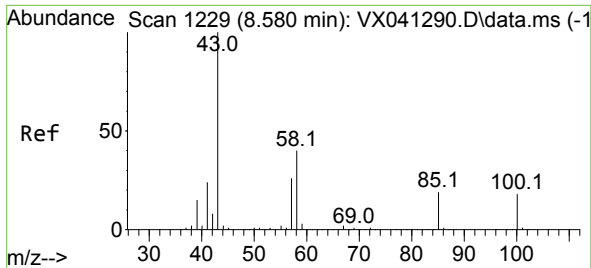
Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

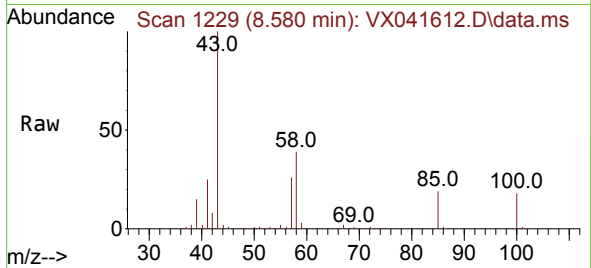
Tgt Ion: 98 Resp: 279622
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 343.126 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

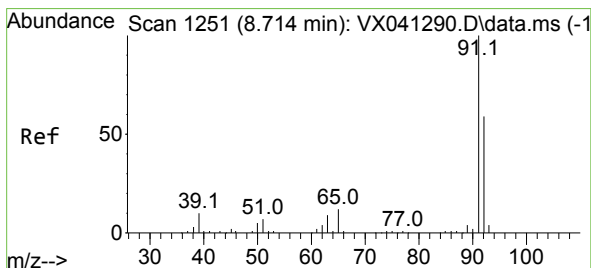
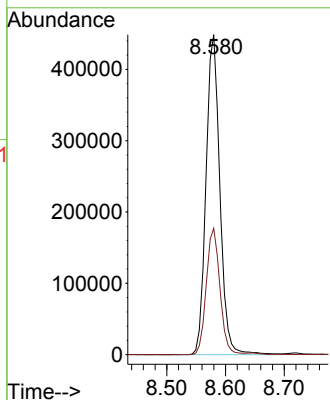
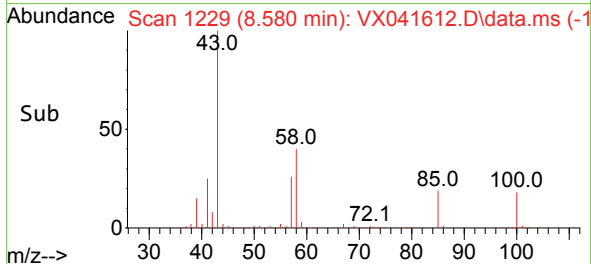
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 73406
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

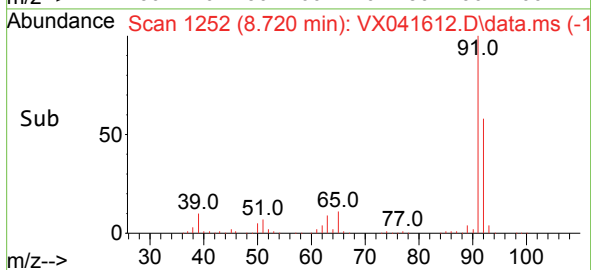
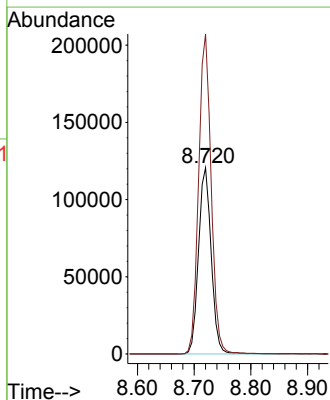
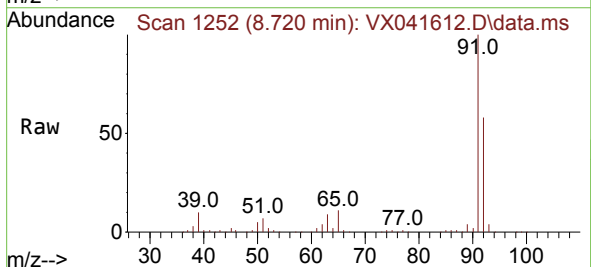
Manual Integrations
APPROVED

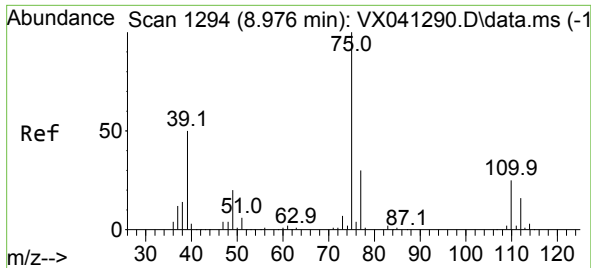
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#52
Toluene
Concen: 52.292 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 92 Resp: 187406
Ion Ratio Lower Upper
92 100
91 170.2 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 48.256 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX041612.D
 Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

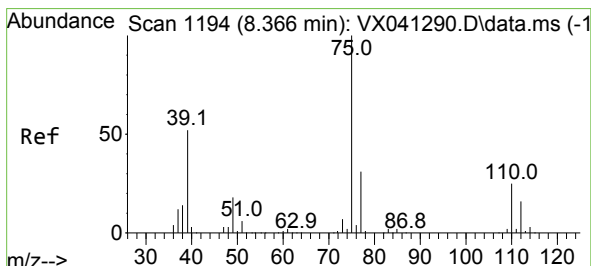
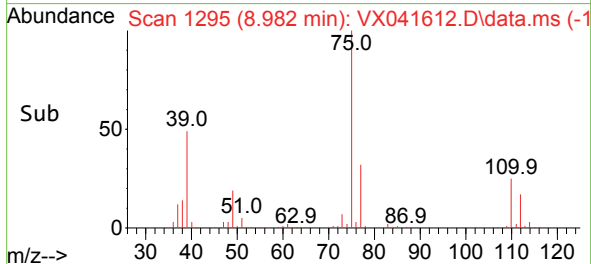
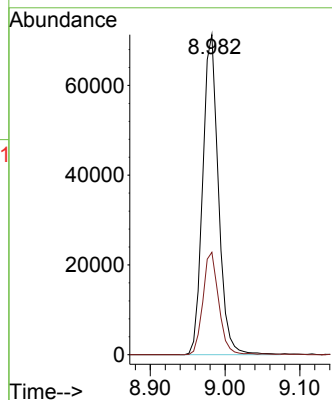
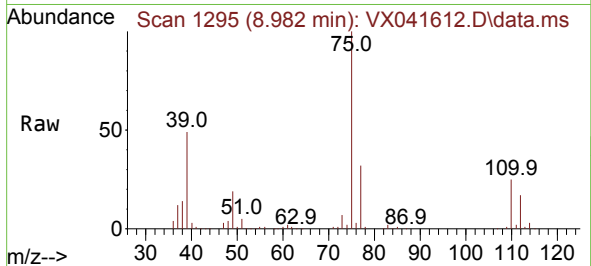
VSTDCCC050EC

Tgt Ion: 75 Resp: 10397
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5

Manual Integrations

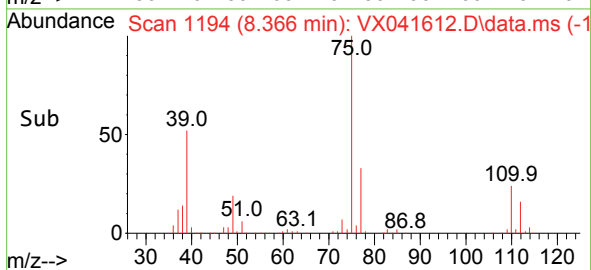
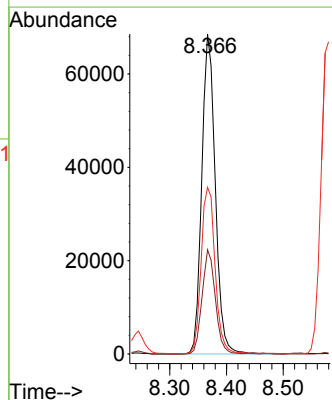
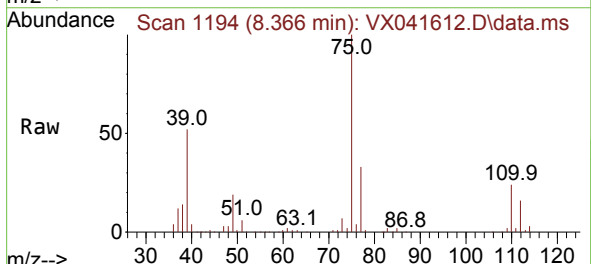
APPROVED

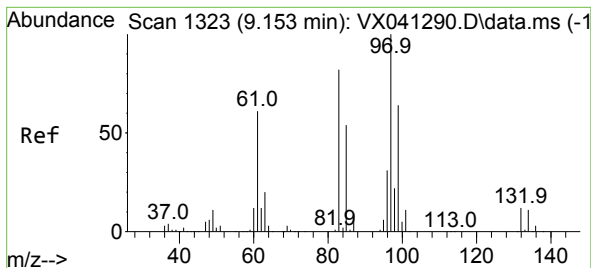
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 55.499 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041612.D
 Acq: 22 May 2024 18:49

Tgt Ion: 75 Resp: 113296
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 52.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 60.499 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

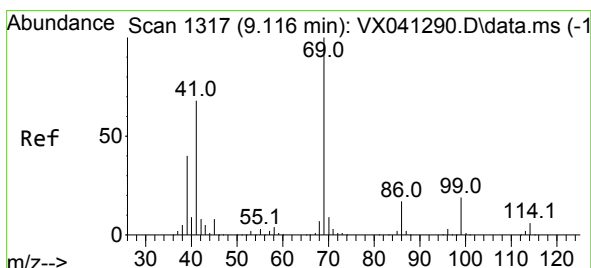
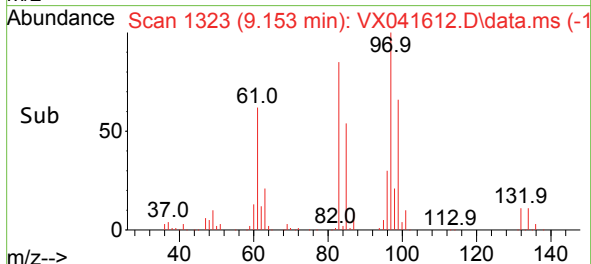
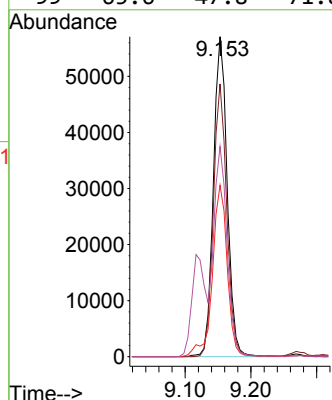
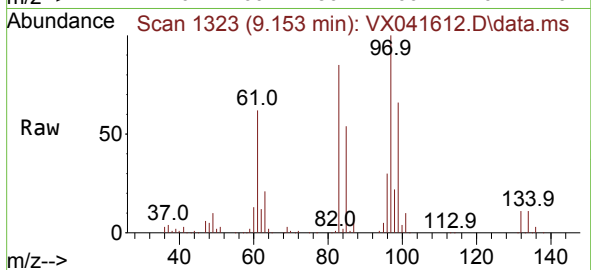
Tgt Ion:	97	Resp:	83498
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.8	98.8
85	53.5	41.6	62.4
99	65.6	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#56

Ethyl methacrylate

Concen: 64.557 ug/l

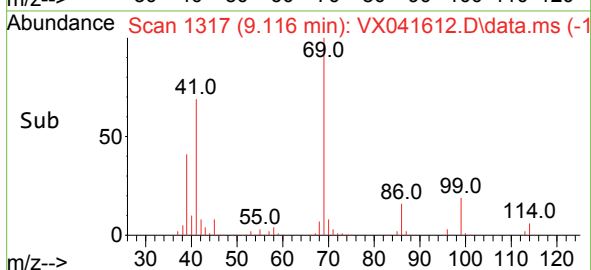
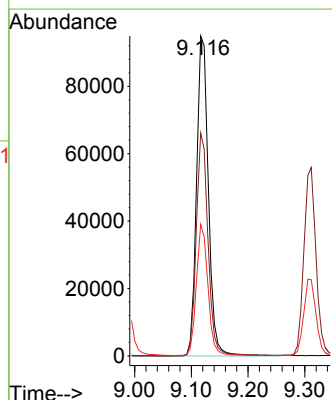
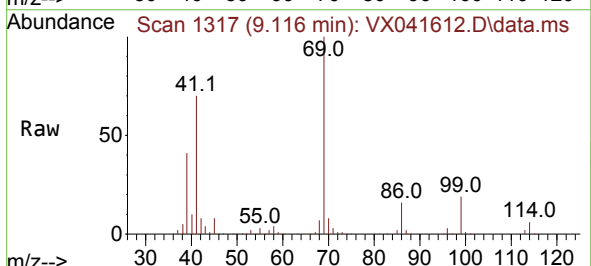
RT: 9.116 min Scan# 1317

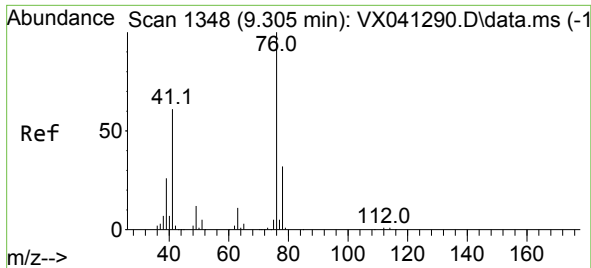
Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Tgt Ion:	69	Resp:	137893
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.8	85.2
39	40.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 59.080 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 136084

Ion Ratio Lower Upper

76 100

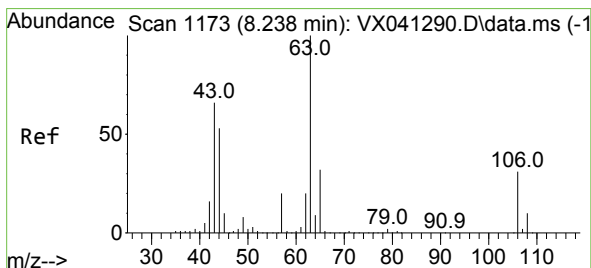
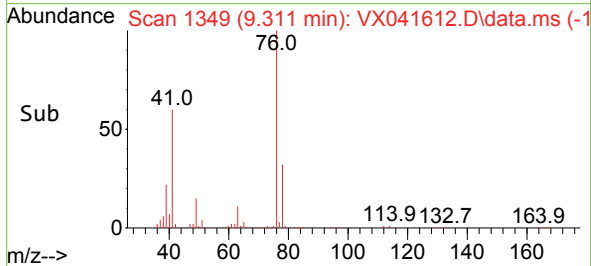
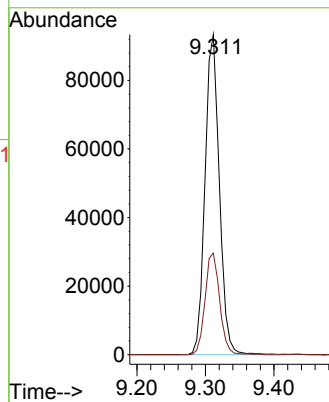
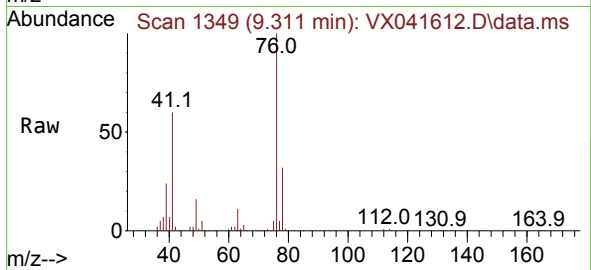
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 304.449 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VX041612.D

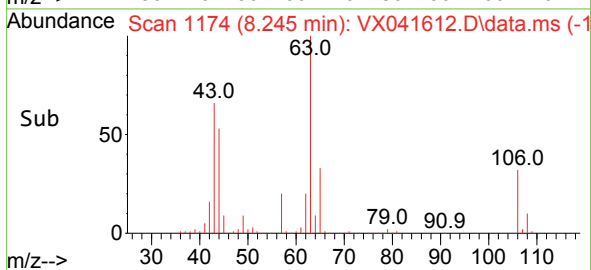
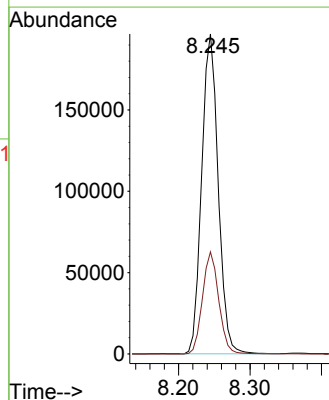
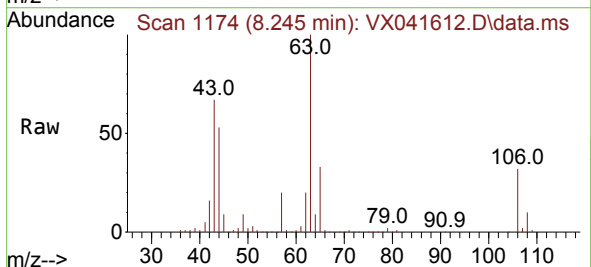
Acq: 22 May 2024 18:49

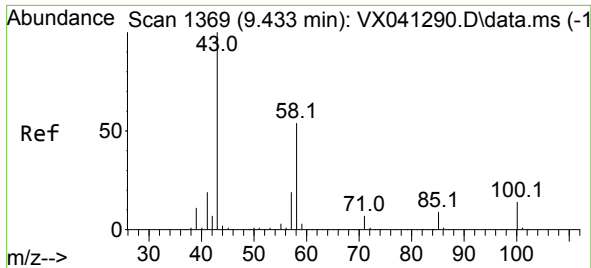
Tgt Ion: 63 Resp: 315314

Ion Ratio Lower Upper

63 100

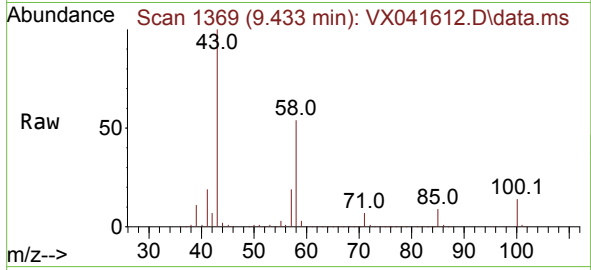
106 31.4 22.5 33.7





#59
2-Hexanone
Concen: 338.921 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

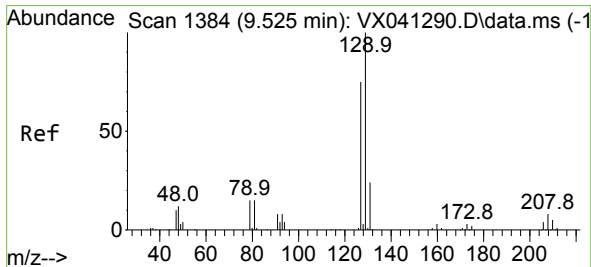
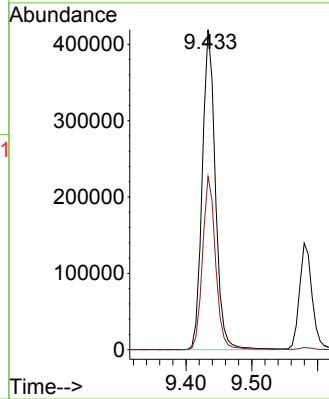
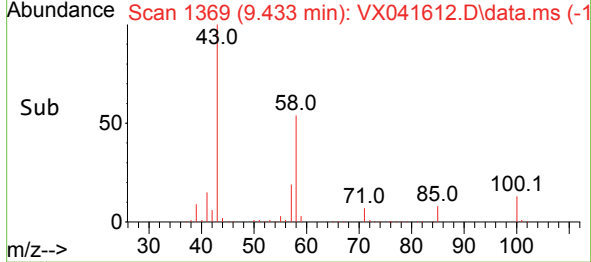
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57979
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5

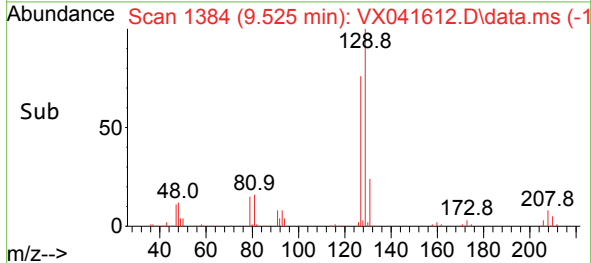
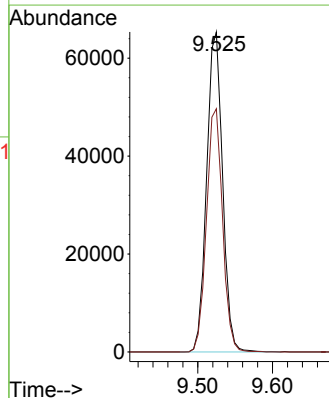
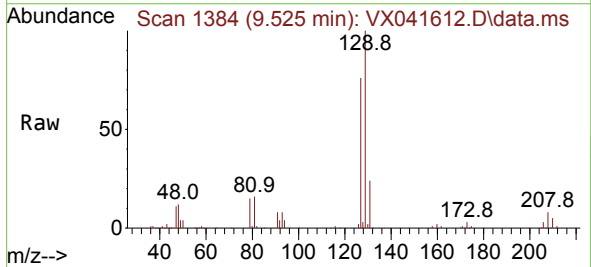
Manual Integrations
APPROVED

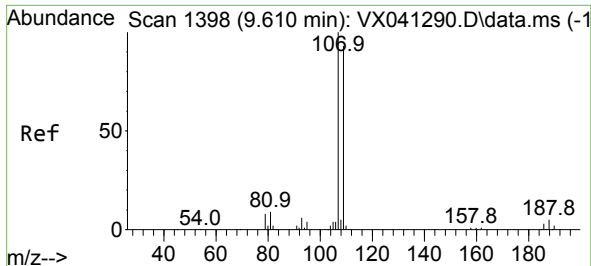
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#60
Dibromochloromethane
Concen: 59.434 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

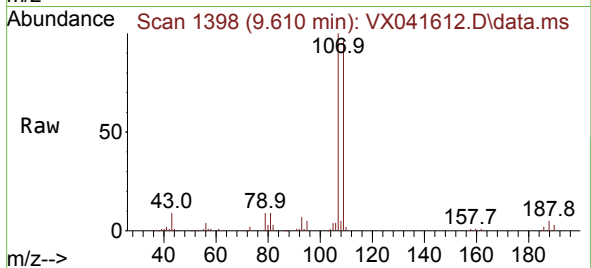
Tgt Ion:129 Resp: 96566
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.203 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

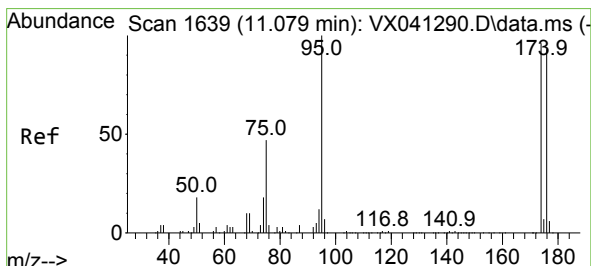
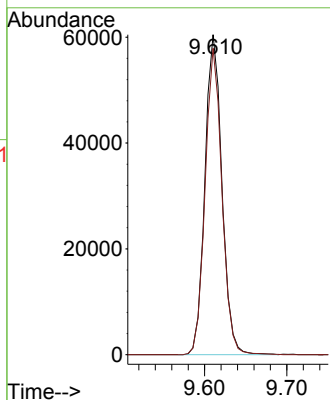
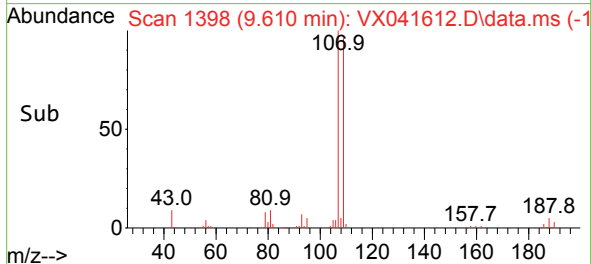
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



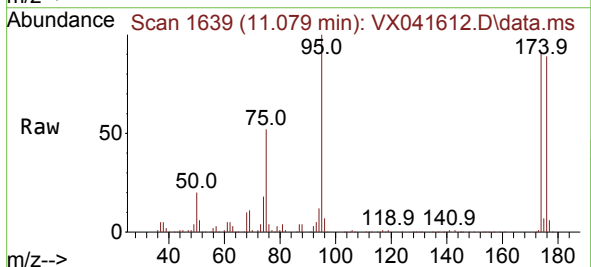
Tgt Ion:107 Resp: 86850
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

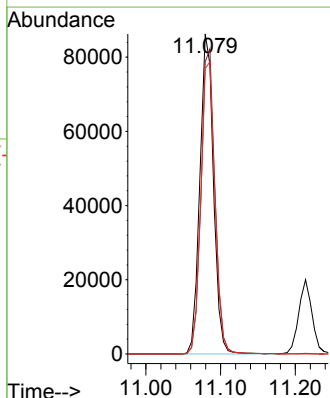
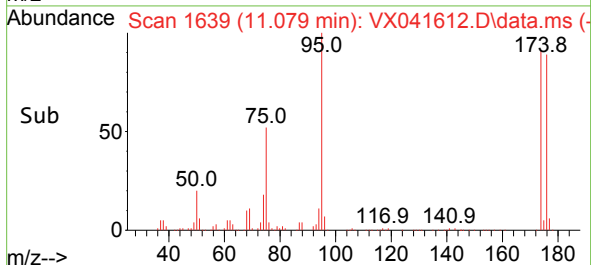
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

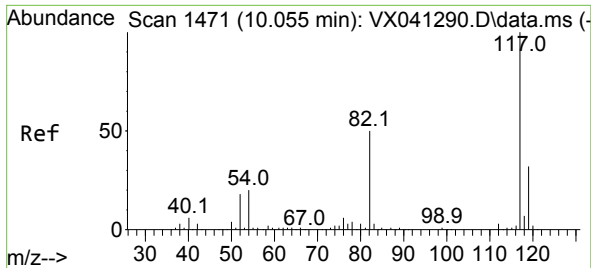


#62
4-Bromofluorobenzene
Concen: 55.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



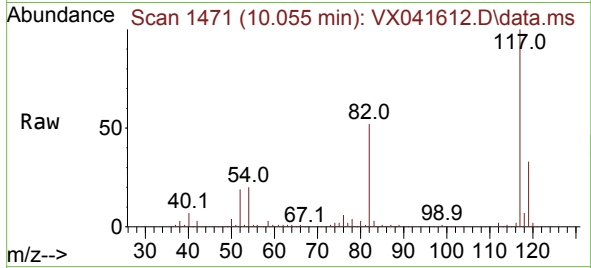
Tgt Ion: 95 Resp: 109043
Ion Ratio Lower Upper
95 100
174 96.8 0.0 135.6
176 94.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

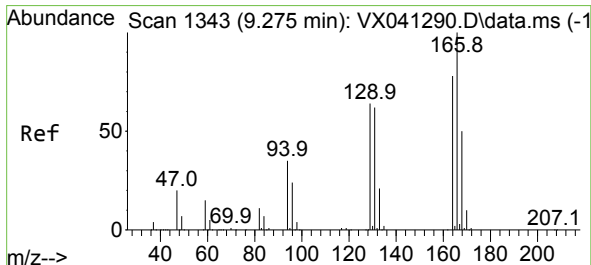
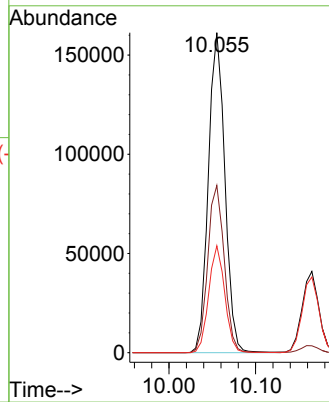
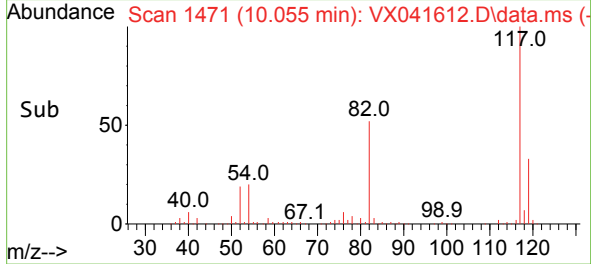
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21363
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 33.4 25.5 38.3

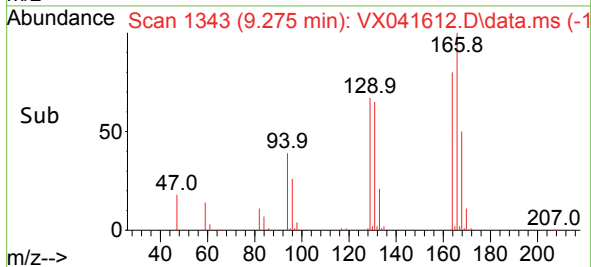
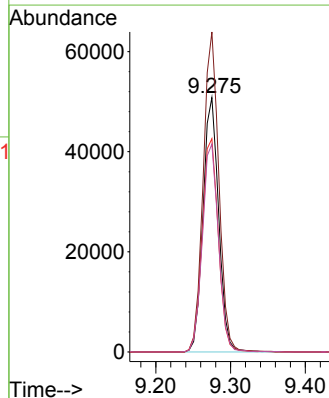
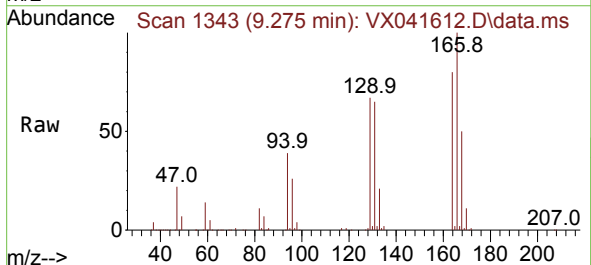
Manual Integrations
APPROVED

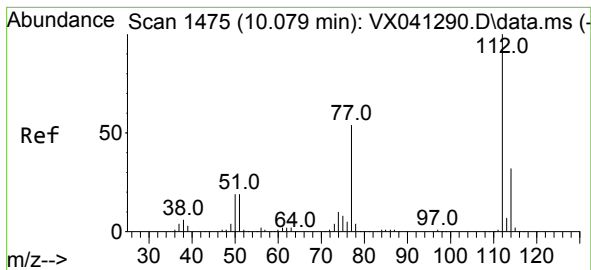
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#64
Tetrachloroethene
Concen: 47.664 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

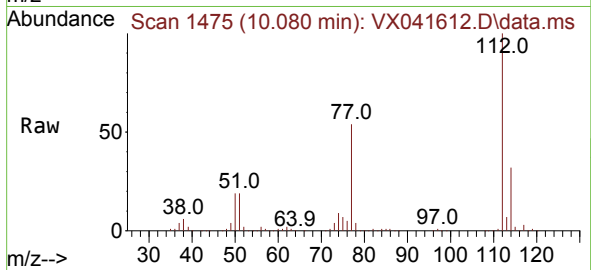
Tgt Ion:164 Resp: 73737
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 83.8 80.4 120.6
131 81.7 76.5 114.7





#65
Chlorobenzene
Concen: 51.347 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

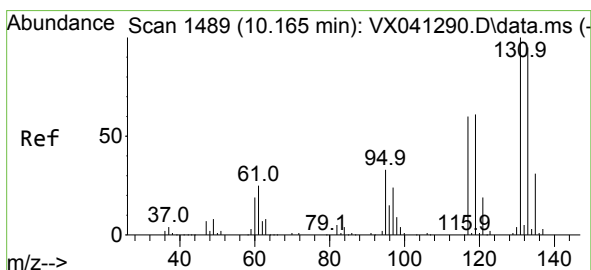
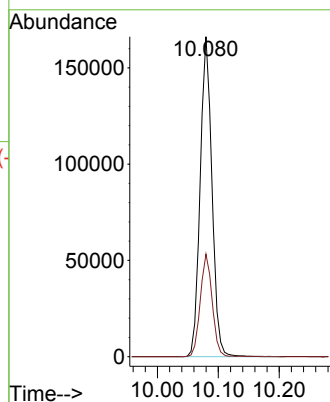
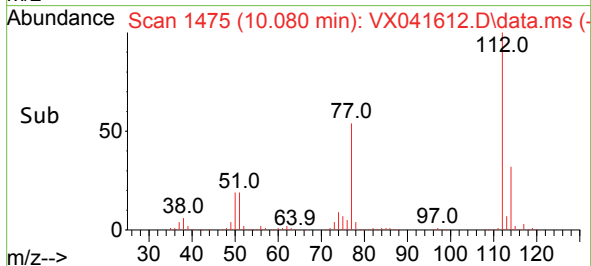
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



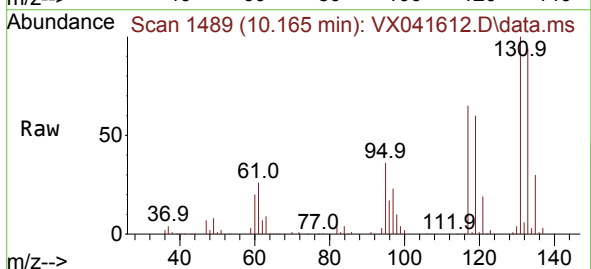
Tgt Ion:112 Resp: 222683
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

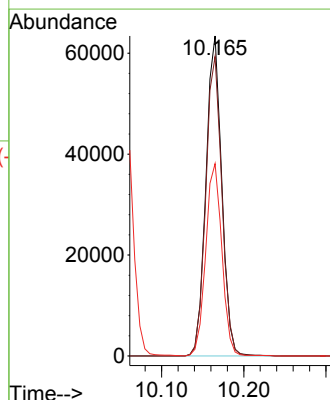
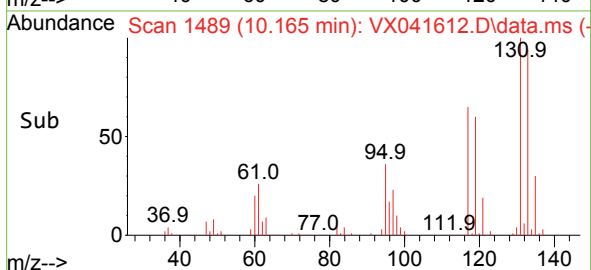
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

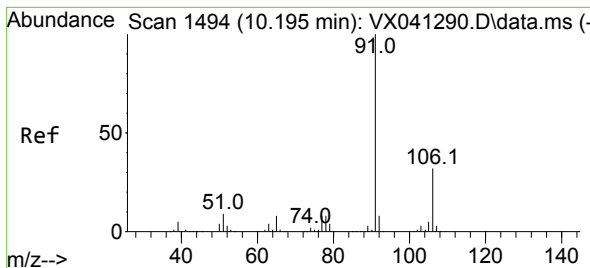


#66
1,1,1,2-Tetrachloroethane
Concen: 55.239 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



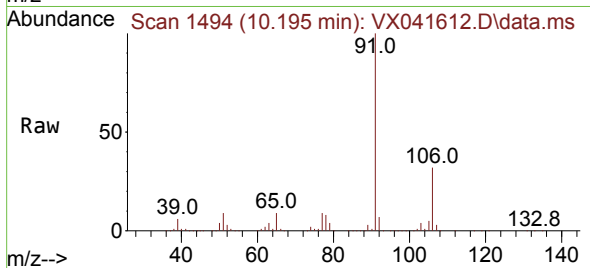
Tgt Ion:131 Resp: 84648
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 61.5 32.2 96.6





#67
Ethyl Benzene
Concen: 49.740 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

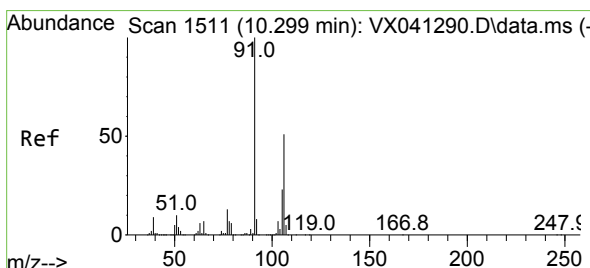
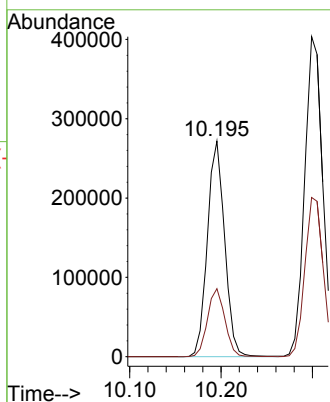
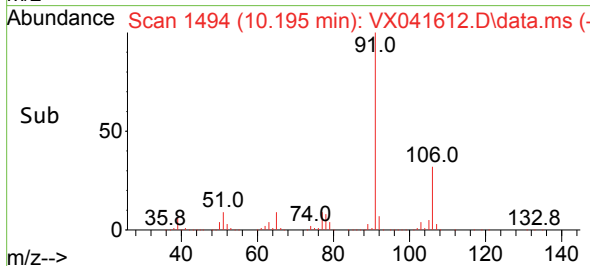
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



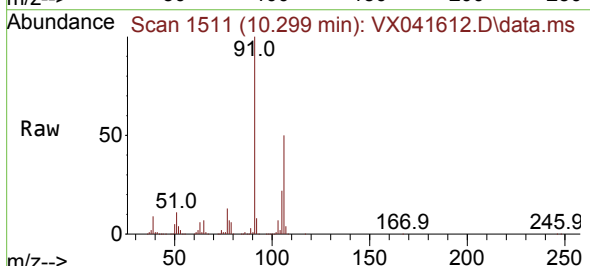
Tgt Ion: 91 Resp: 355902
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

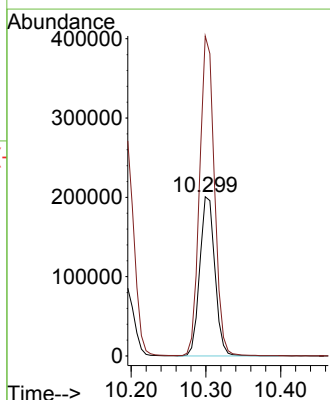
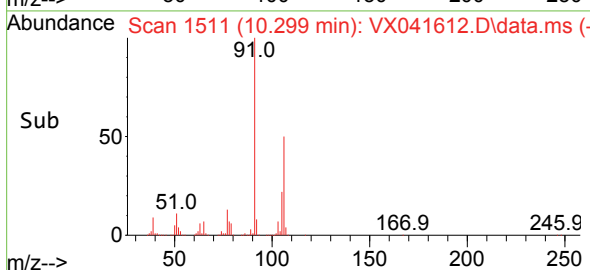
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

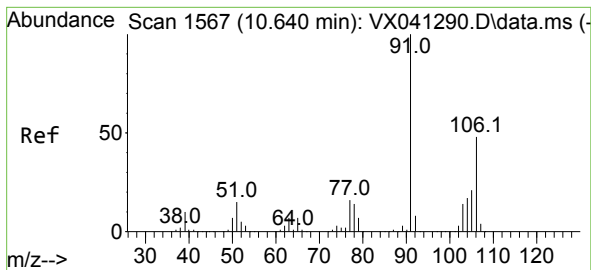


#68
m/p-Xylenes
Concen: 98.320 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



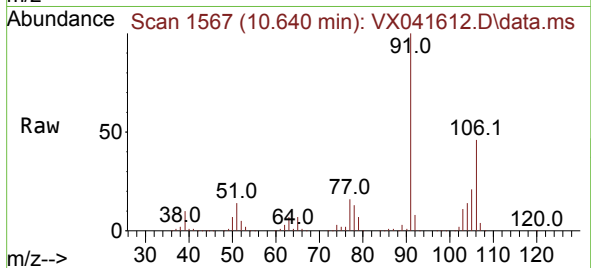
Tgt Ion:106 Resp: 281721
Ion Ratio Lower Upper
106 100
91 197.5 165.5 248.3





#69
o-Xylene
Concen: 52.002 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

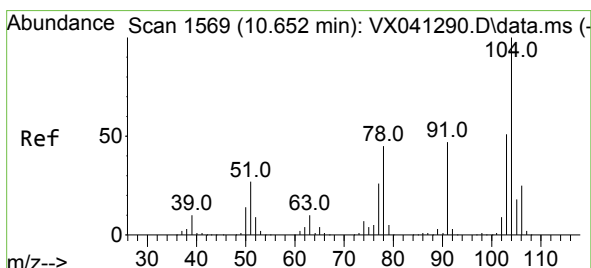
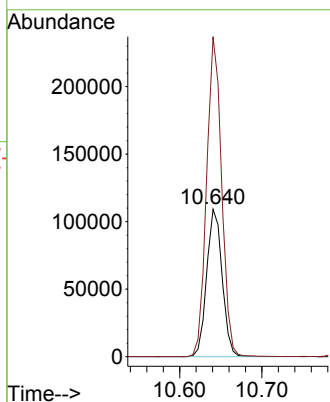
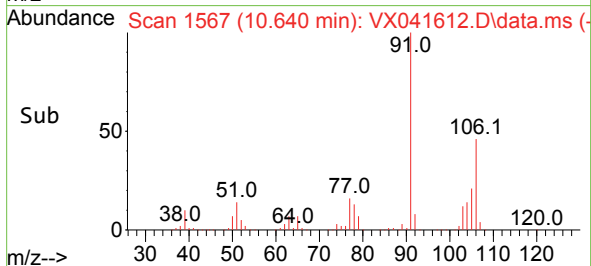
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 142669
Ion Ratio Lower Upper
106 100
91 210.8 108.9 326.8

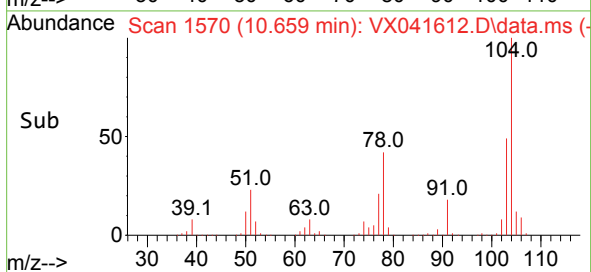
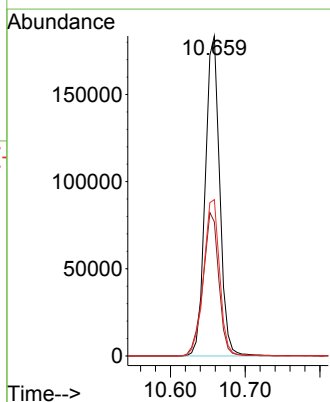
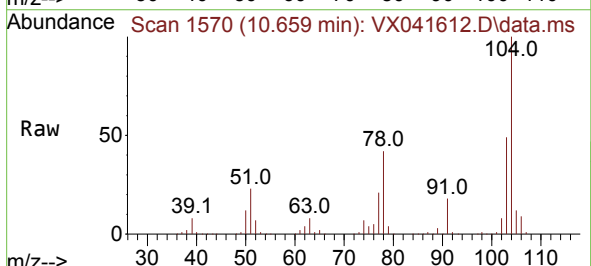
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#70
Styrene
Concen: 54.685 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

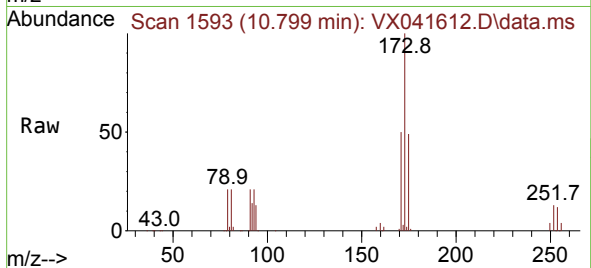
Tgt Ion:104 Resp: 246186
Ion Ratio Lower Upper
104 100
78 49.3 43.6 65.4
103 54.3 43.6 65.4





#71
Bromoform
Concen: 57.053 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

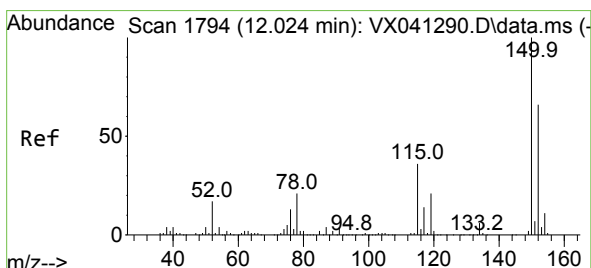
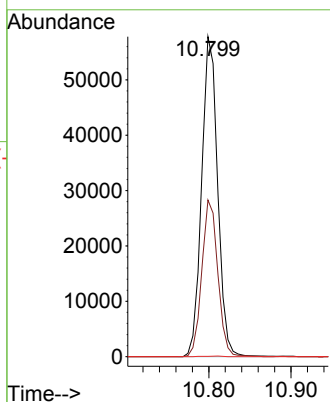
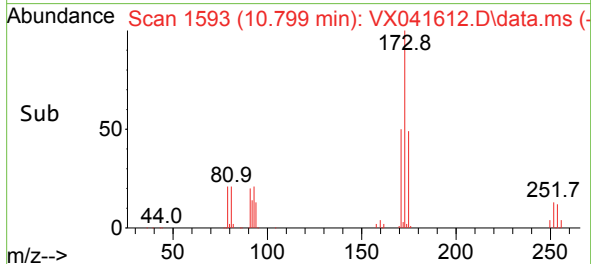
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



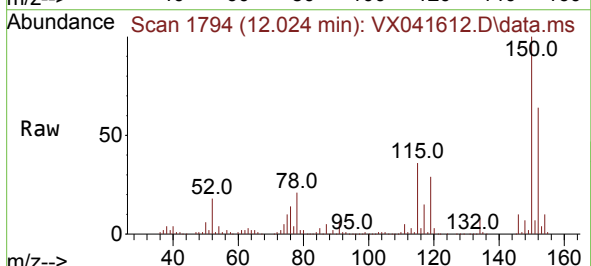
Tgt Ion:173 Resp: 7824
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.2 0.0 0.0

Manual Integrations
APPROVED

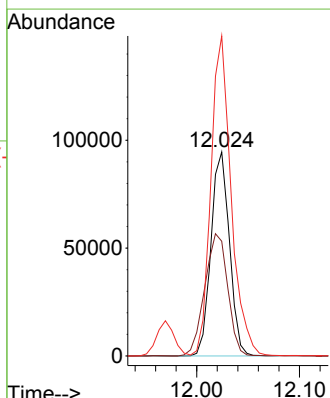
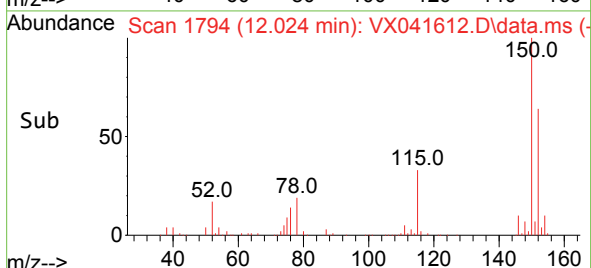
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

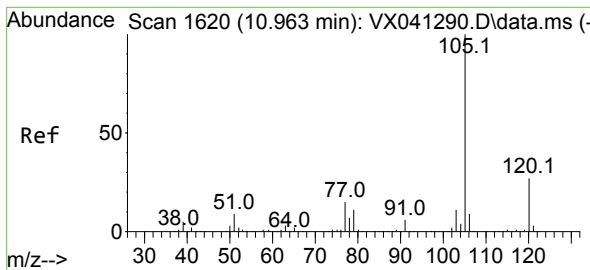


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



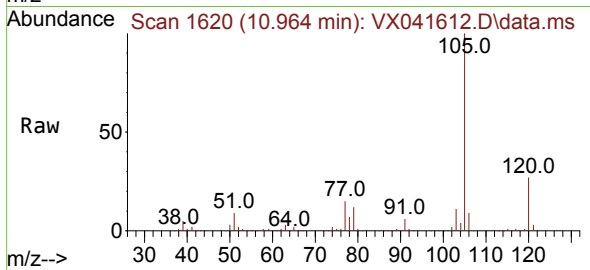
Tgt Ion:152 Resp: 118230
Ion Ratio Lower Upper
152 100
115 74.6 43.3 129.9
150 171.5 0.0 345.0





#73
Isopropylbenzene
Concen: 50.677 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

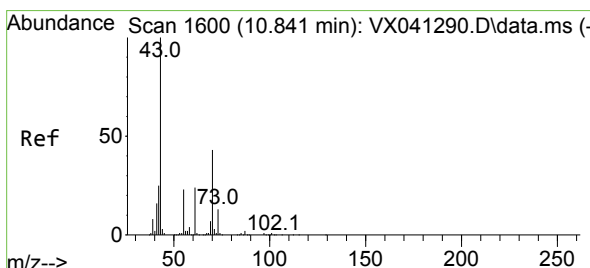
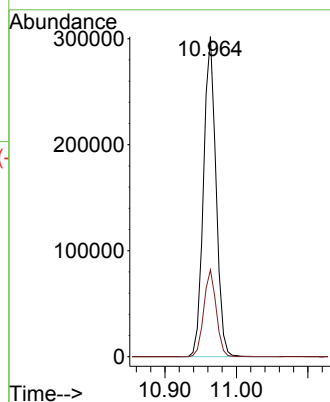
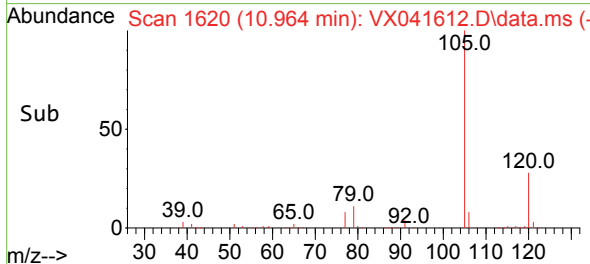
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



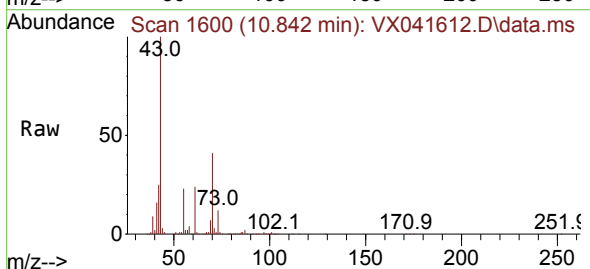
Tgt Ion:105 Resp: 365738
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.6

Manual Integrations
APPROVED

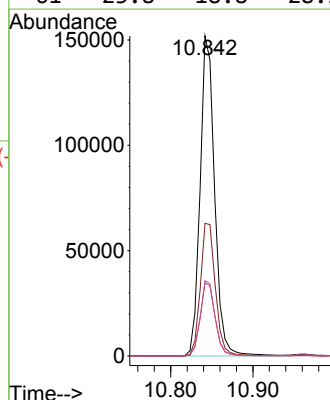
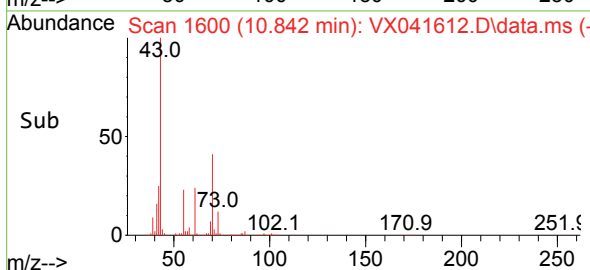
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

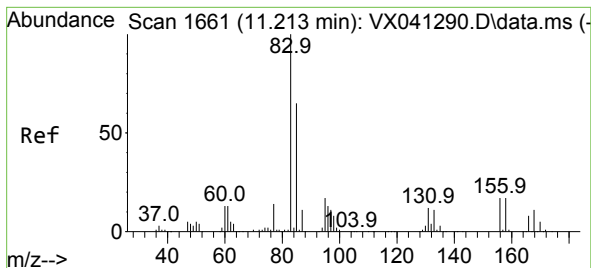


#74
N-ethyl acetate
Concen: 59.216 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



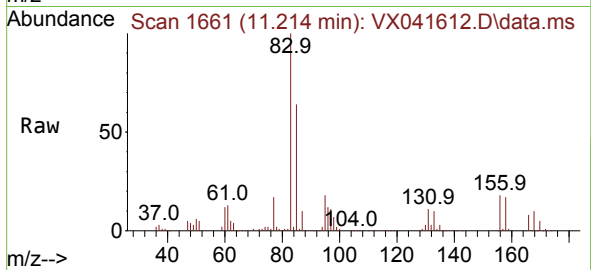
Tgt Ion: 43 Resp: 186710
Ion Ratio Lower Upper
43 100
70 42.9 32.9 49.3
55 23.8 19.3 28.9
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 60.337 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

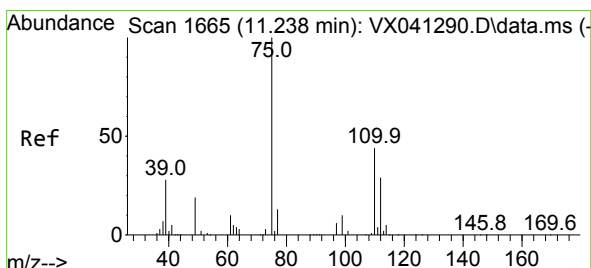
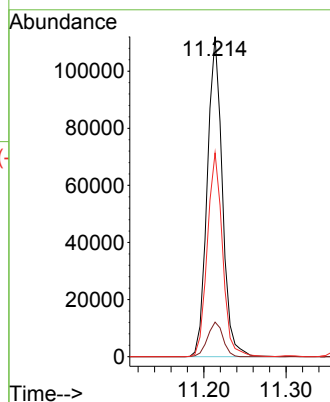
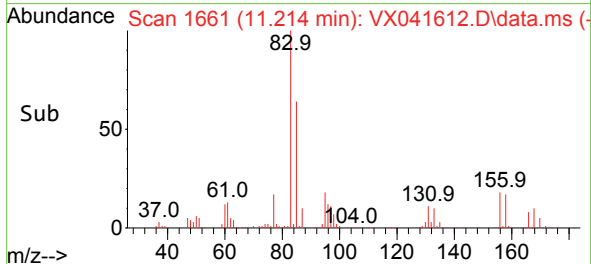
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



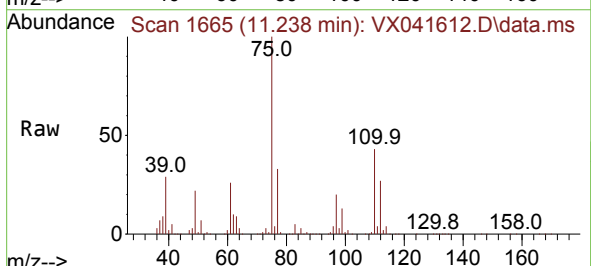
Tgt Ion: 83 Resp: 142688
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

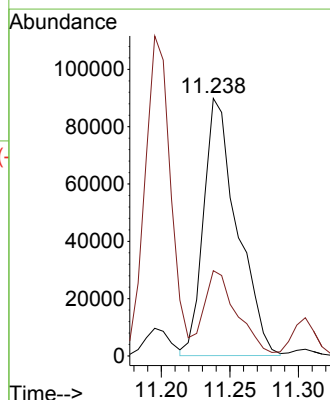
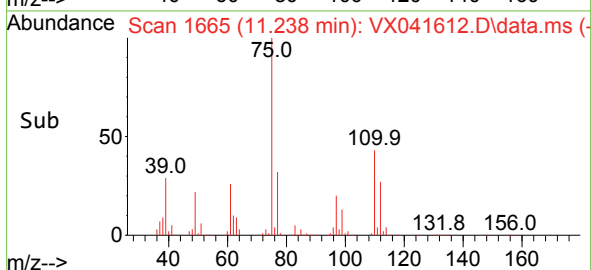
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

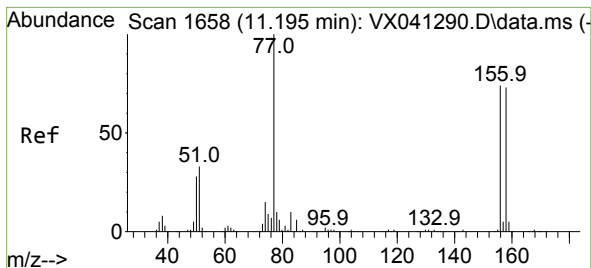


#76
1,2,3-Trichloropropane
Concen: 79.496 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49



Tgt Ion: 75 Resp: 153171
Ion Ratio Lower Upper
75 100
77 32.9 19.1 57.5





#77

Bromobenzene

Concen: 53.250 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

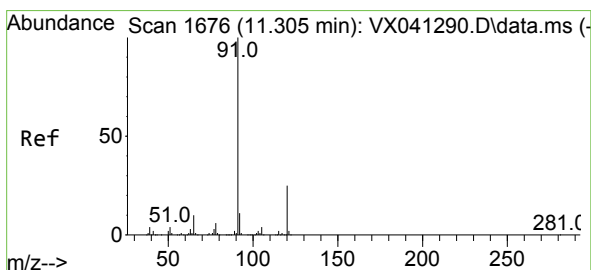
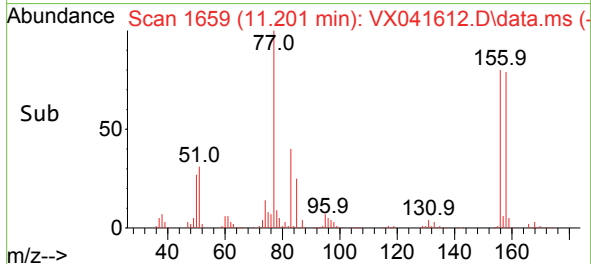
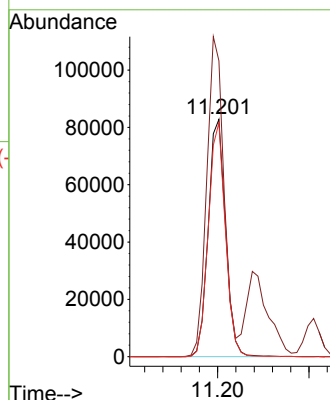
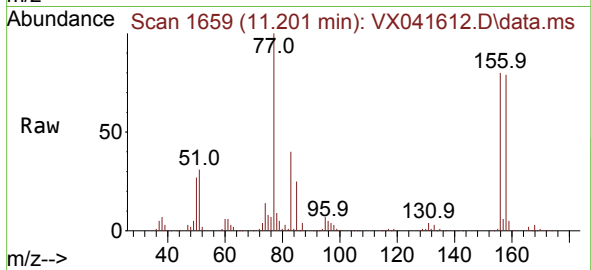
Tgt Ion:	156	Resp:	10846
Ion Ratio	Lower	Upper	
156	100		
77	133.7	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#78

n-propylbenzene

Concen: 52.278 ug/l

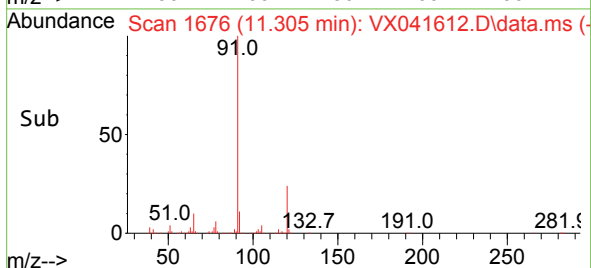
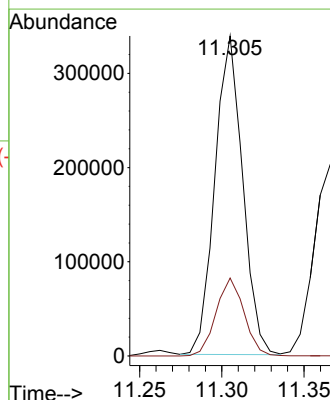
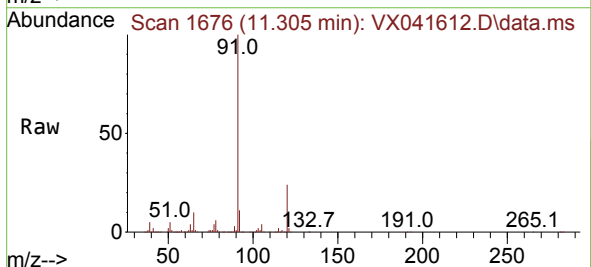
RT: 11.305 min Scan# 1676

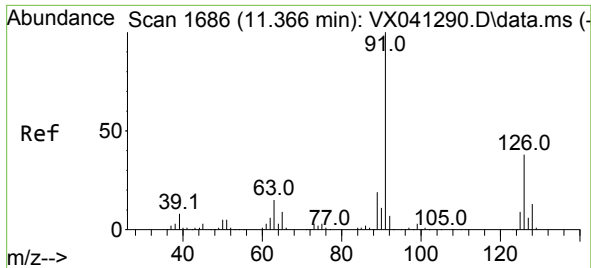
Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Tgt Ion:	91	Resp:	396261
Ion Ratio	Lower	Upper	
91	100		
120	24.8	11.5	34.4





#79
2-Chlorotoluene
Concen: 51.651 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

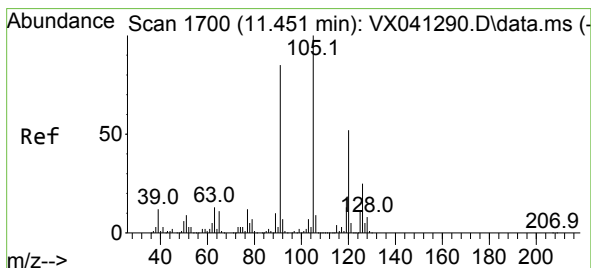
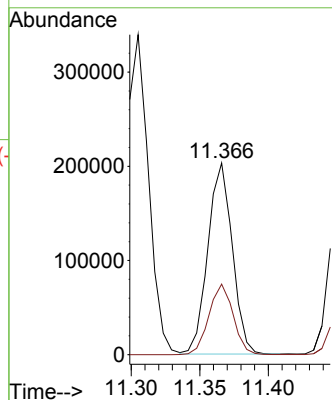
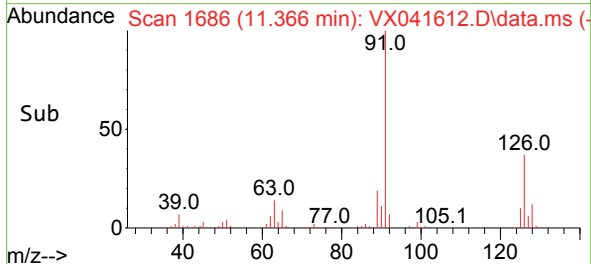
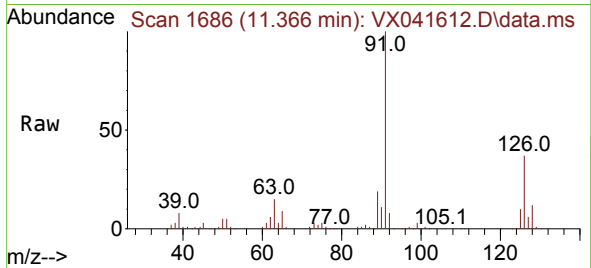
VSTDCCC050EC

Tgt Ion: 91 Resp: 252297
Ion Ratio Lower Upper
91 100
126 36.7 16.3 48.8

Manual Integrations

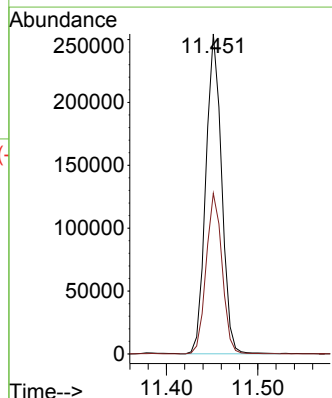
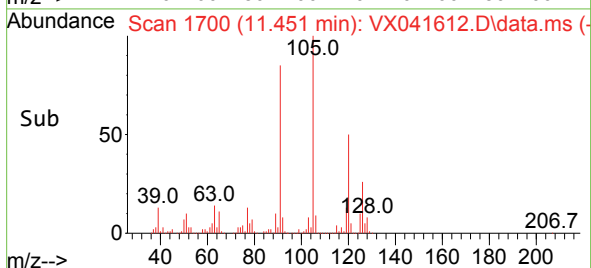
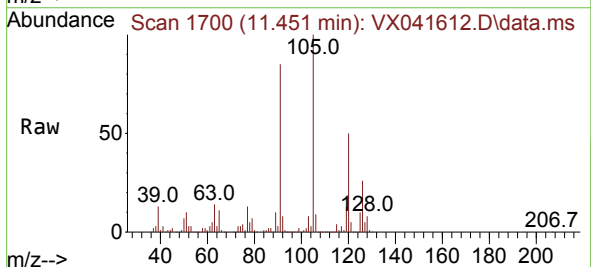
APPROVED

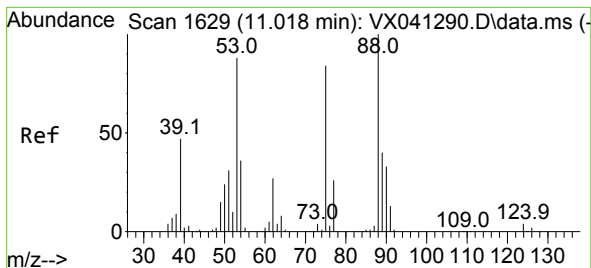
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.652 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

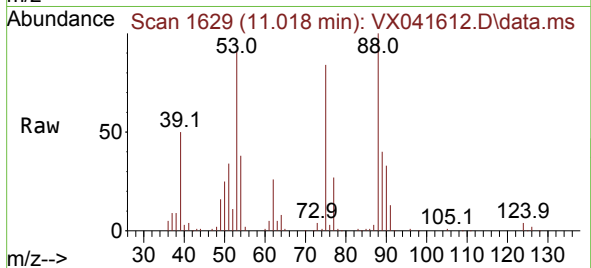
Tgt Ion:105 Resp: 303880
Ion Ratio Lower Upper
105 100
120 50.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.171 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

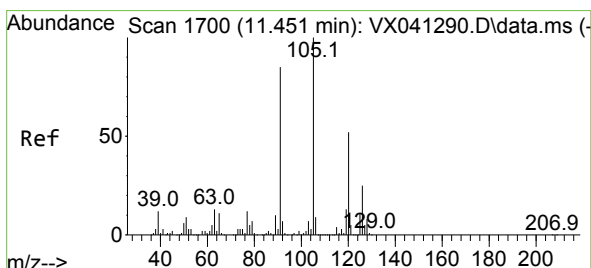
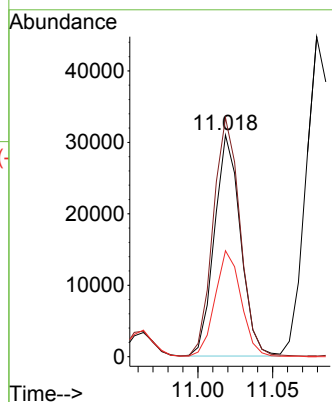
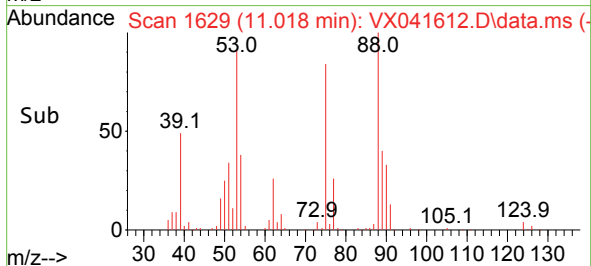
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3761
Ion Ratio Lower Upper
75 100
53 110.7 90.5 135.7
89 48.1 36.9 55.3

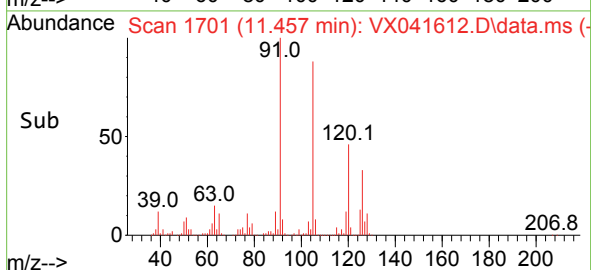
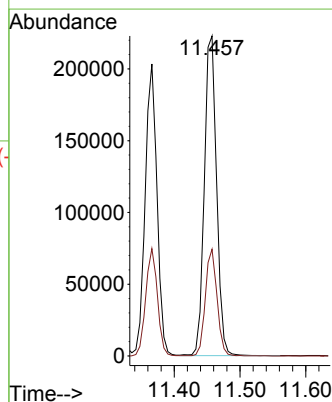
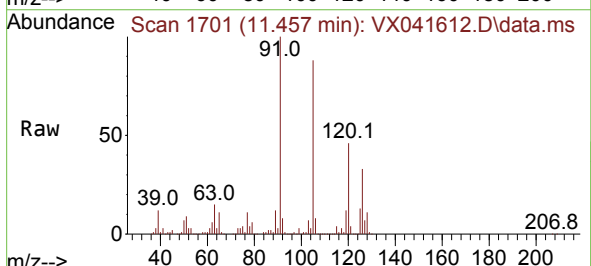
Manual Integrations
APPROVED

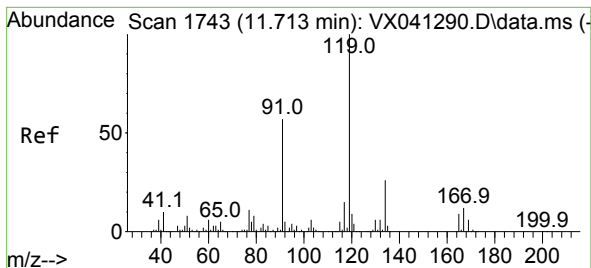
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#82
4-Chlorotoluene
Concen: 51.977 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 91 Resp: 288232
Ion Ratio Lower Upper
91 100
126 32.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.070 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

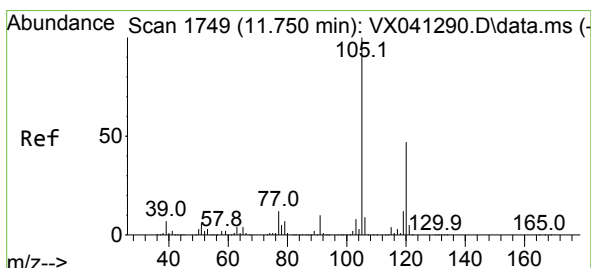
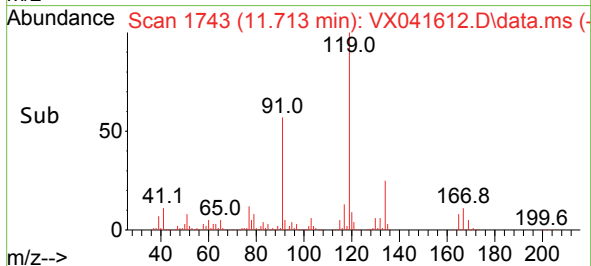
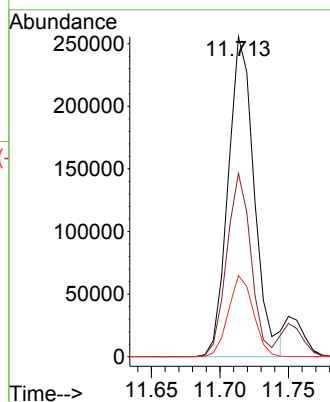
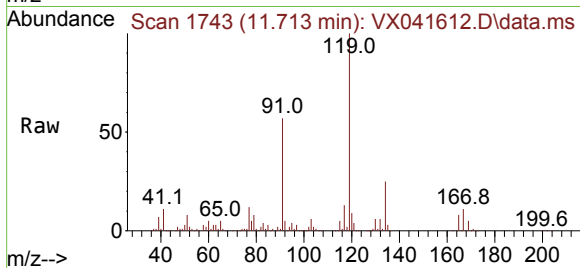
Tgt Ion:	119	Resp:	340649
Ion Ratio	Lower	Upper	
119	100		
91	53.1	31.2	93.6
134	24.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.510 ug/l

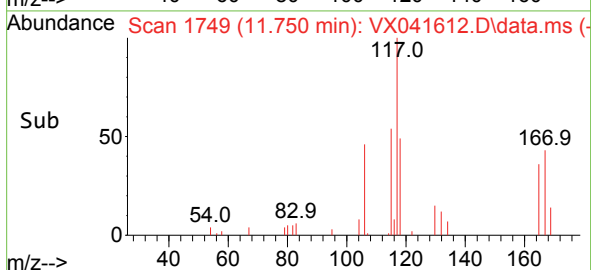
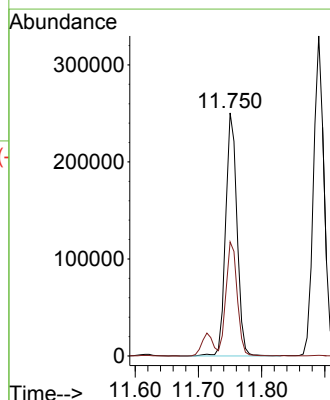
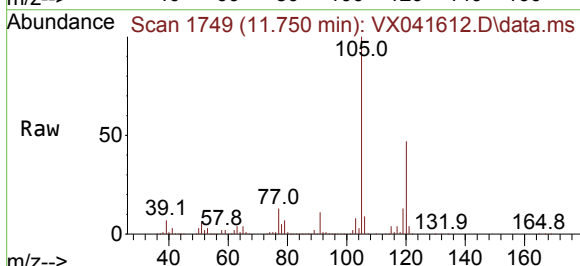
RT: 11.750 min Scan# 1749

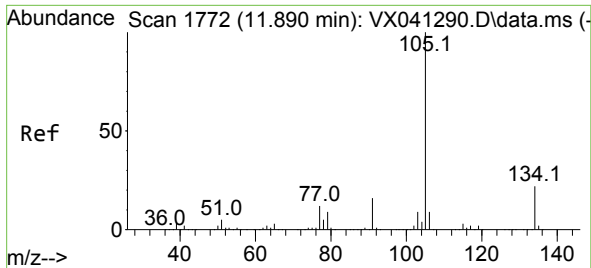
Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

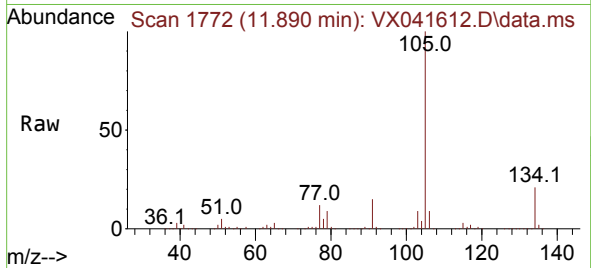
Tgt Ion:	105	Resp:	310846
Ion Ratio	Lower	Upper	
105	100		
120	46.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 53.065 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041612.D
 Acq: 22 May 2024 18:49

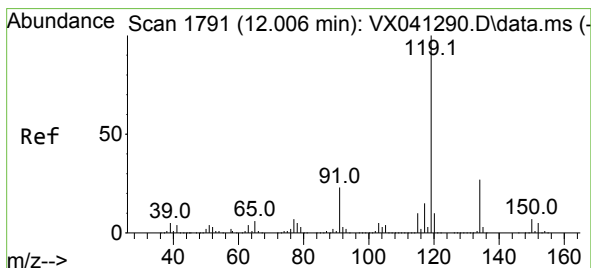
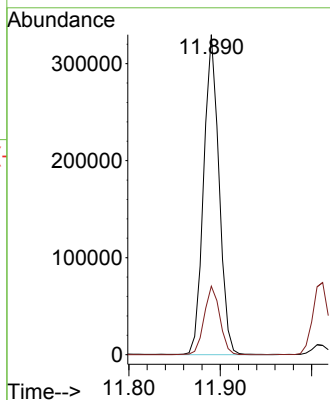
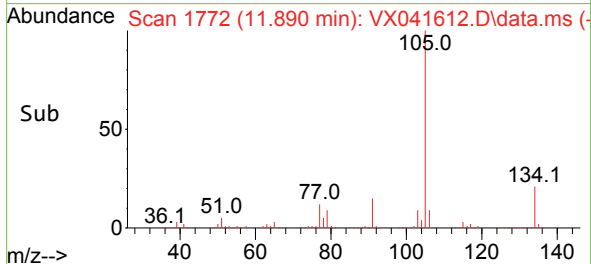
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



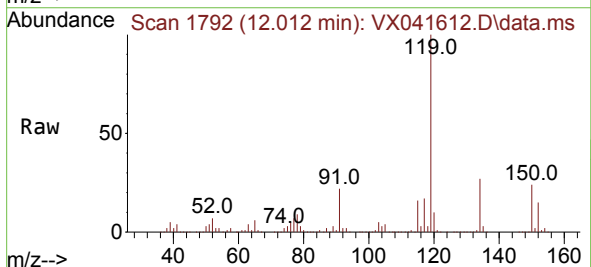
Tgt Ion:105 Resp: 38312
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.4

Manual Integrations
 APPROVED

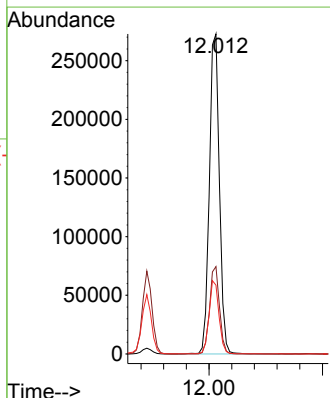
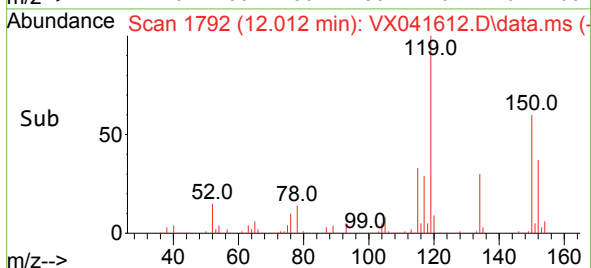
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024

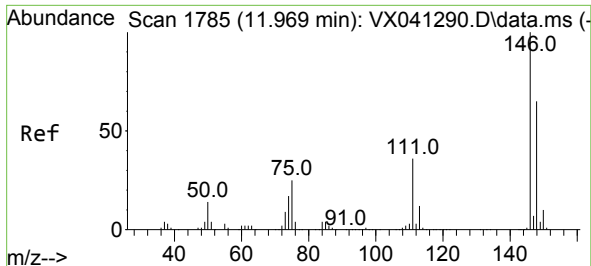


#86
 p-Isopropyltoluene
 Concen: 51.546 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041612.D
 Acq: 22 May 2024 18:49



Tgt Ion:119 Resp: 334241
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 22.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.102 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041612.D

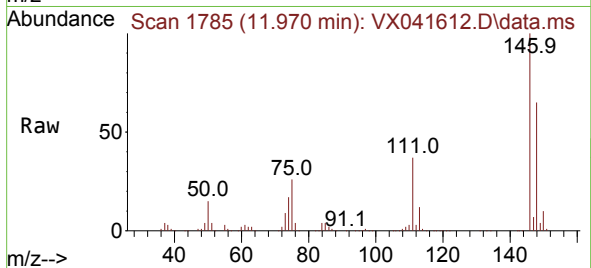
Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 189198

Ion Ratio Lower Upper

146 100

111 37.1 22.1 66.1

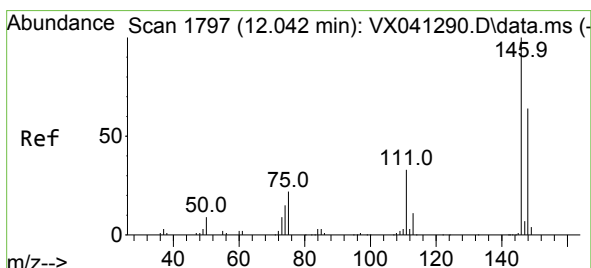
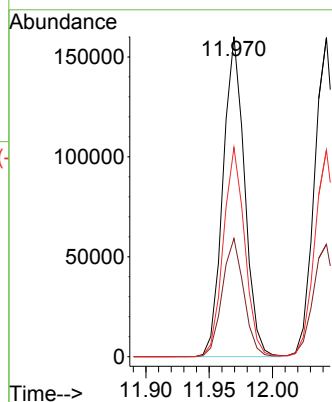
148 64.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#88

1,4-Dichlorobenzene

Concen: 50.348 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

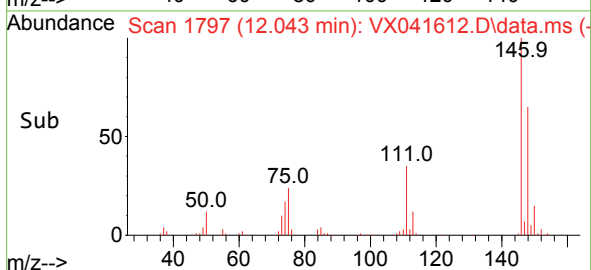
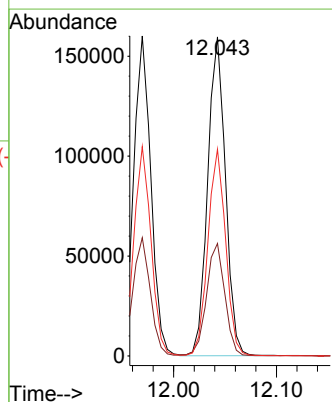
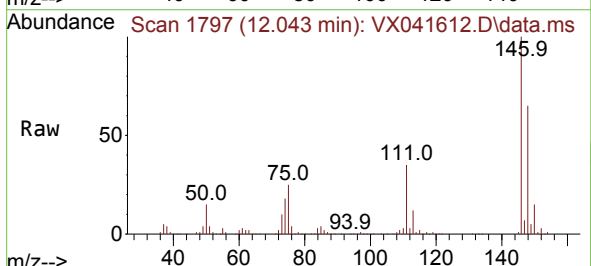
Tgt Ion:146 Resp: 192052

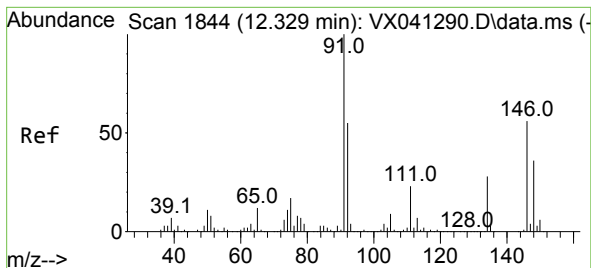
Ion Ratio Lower Upper

146 100

111 36.3 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 50.203 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041612.D

Acq: 22 May 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 26176

Ion Ratio Lower Upper

91 100

92 53.8 27.4 82.0

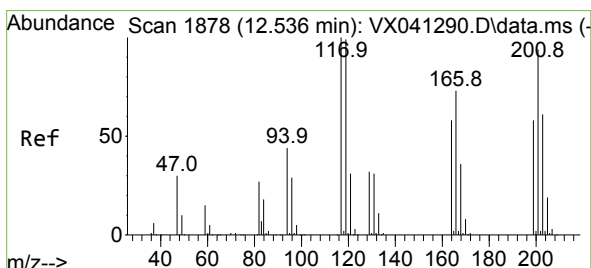
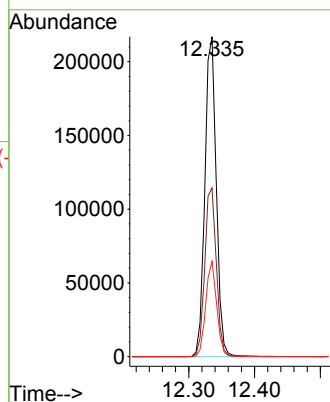
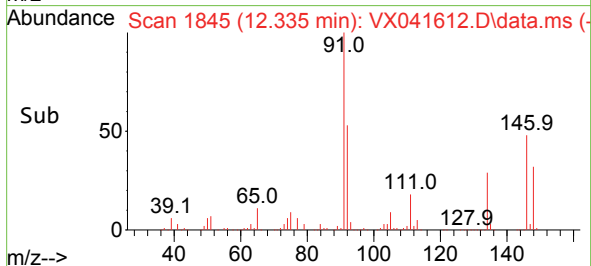
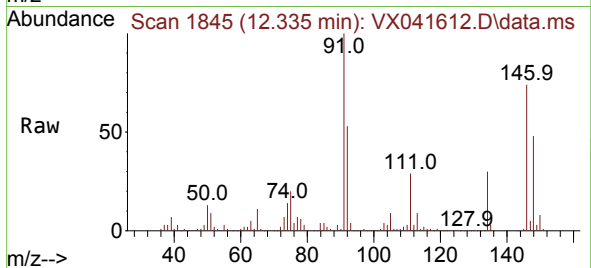
134 28.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#90

Hexachloroethane

Concen: 51.804 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041612.D

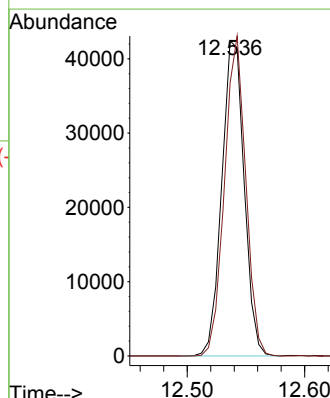
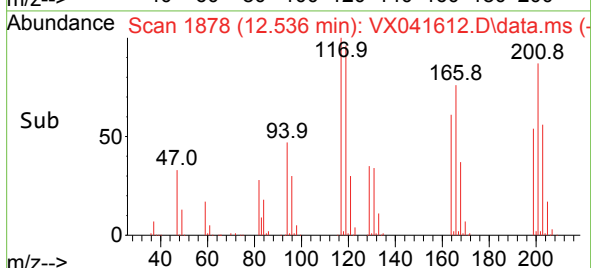
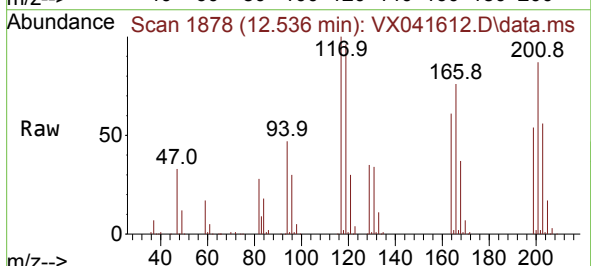
Acq: 22 May 2024 18:49

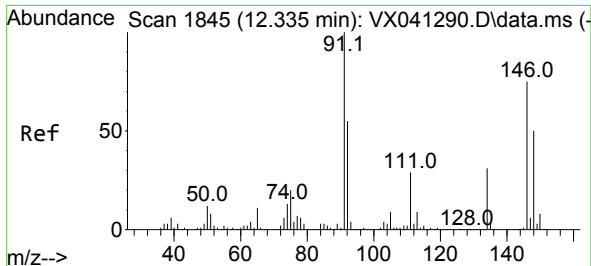
Tgt Ion:117 Resp: 56176

Ion Ratio Lower Upper

117 100

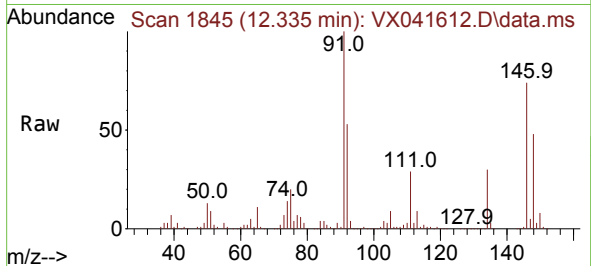
201 96.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.873 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

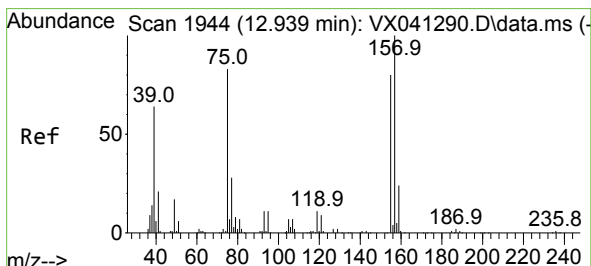
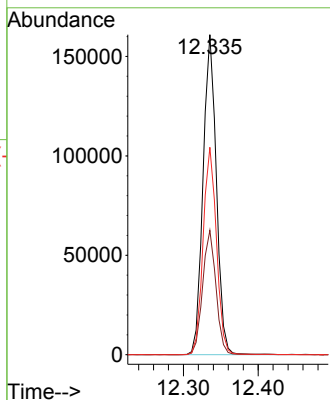
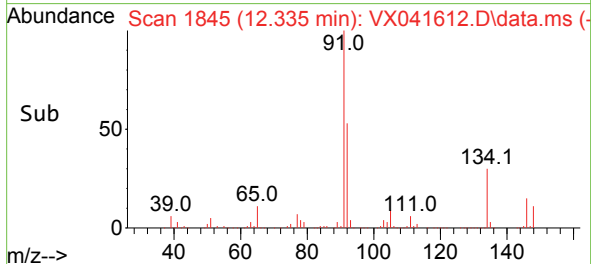
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 198944
Ion Ratio Lower Upper
146 100
111 39.0 22.4 67.0
148 65.2 31.6 95.0

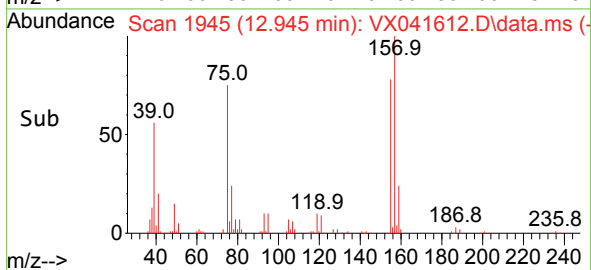
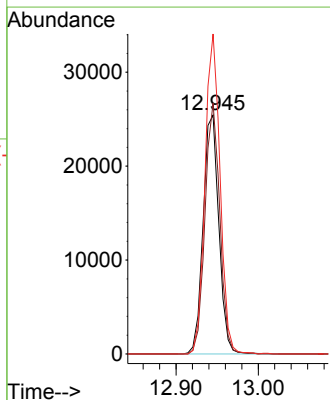
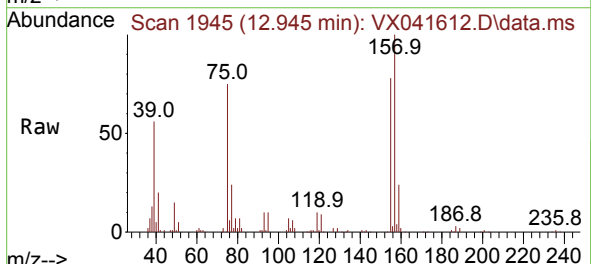
Manual Integrations
APPROVED

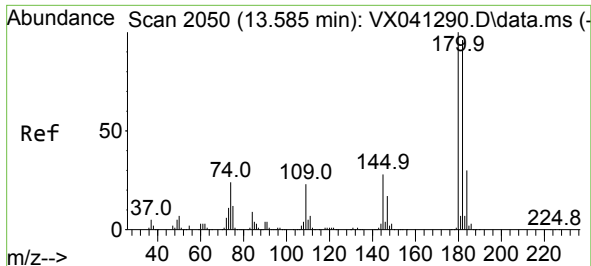
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.807 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion: 75 Resp: 33775
Ion Ratio Lower Upper
75 100
155 99.1 36.1 108.5
157 128.0 44.9 134.7





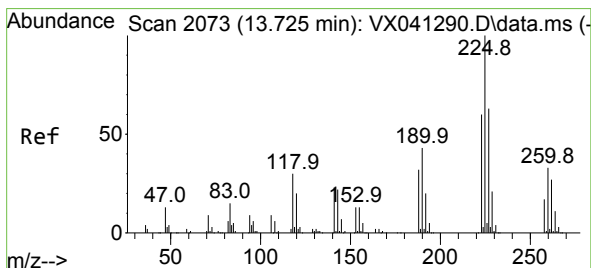
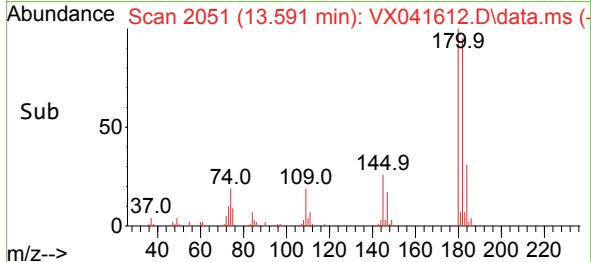
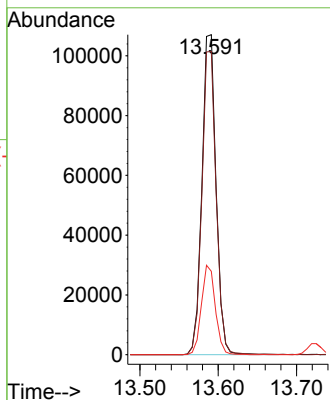
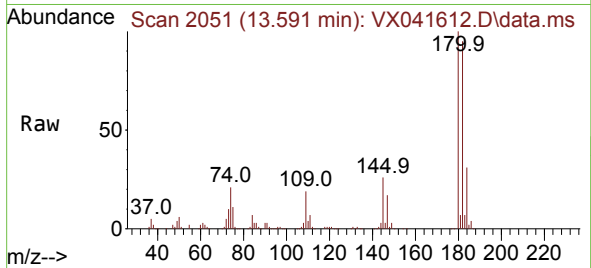
#93
1,2,4-Trichlorobenzene
Concen: 48.935 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 13376
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 27.5 18.0 54.0

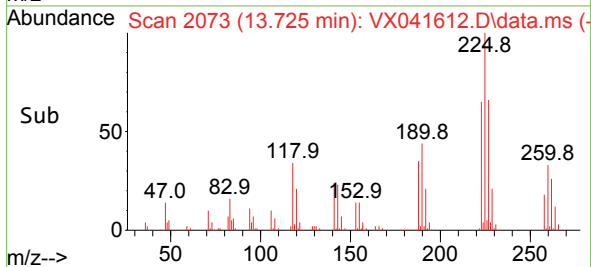
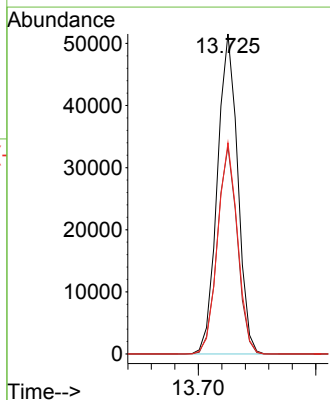
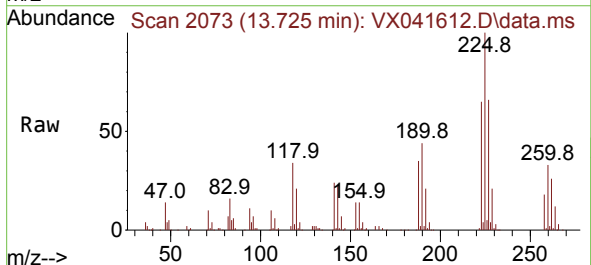
Manual Integrations
APPROVED

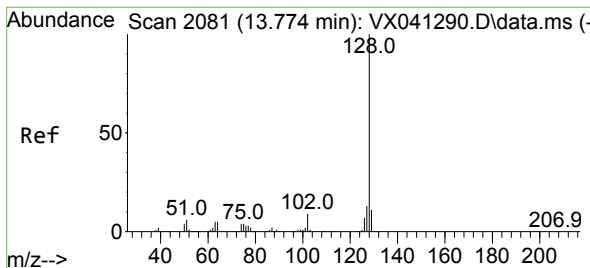
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#94
Hexachlorobutadiene
Concen: 45.408 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

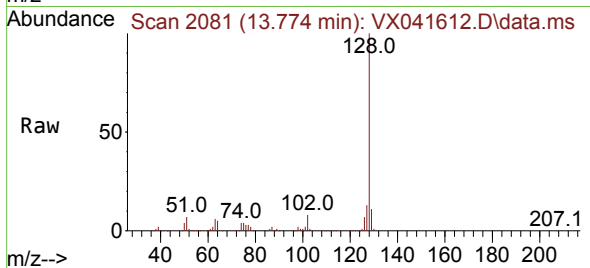
Tgt Ion:225 Resp: 61983
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 64.5 32.5 97.5





#95
Naphthalene
Concen: 57.023 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

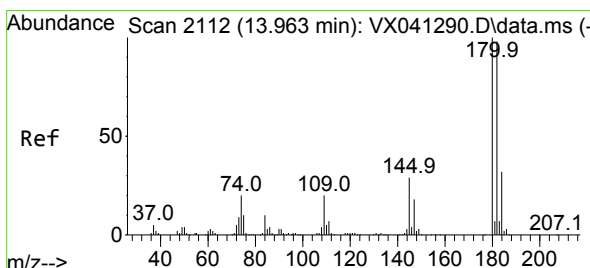
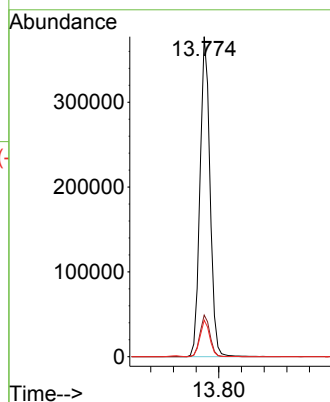
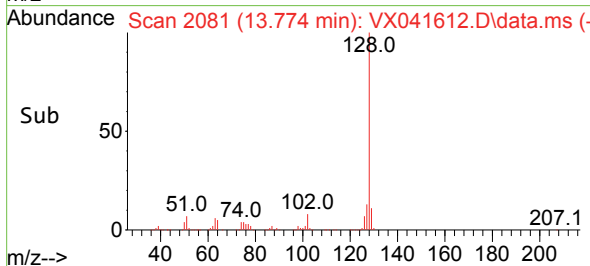
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 461920
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.318 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041612.D
Acq: 22 May 2024 18:49

Tgt Ion:180 Resp: 143366
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 29.6 17.8 53.5

