

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041164.D
 Acq On : 18 Apr 2024 15:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 03:33:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	237065	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	320514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122699	47.939	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.880%		
35) Dibromofluoromethane	5.379	113	106637	49.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.620%		
50) Toluene-d8	8.647	98	379060	50.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.080%		
62) 4-Bromofluorobenzene	11.079	95	142528	50.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	86024	45.749	ug/l	99
3) Chloromethane	1.294	50	90259	43.191	ug/l	99
4) Vinyl Chloride	1.374	62	96071	40.110	ug/l	100
5) Bromomethane	1.599	94	52857	35.200	ug/l	97
6) Chloroethane	1.666	64	35856	22.680	ug/l	99
7) Trichlorofluoromethane	1.855	101	158493	42.157	ug/l	99
8) Diethyl Ether	2.136	74	65267	44.239	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	102136	46.734	ug/l	87
10) Methyl Iodide	2.441	142	117982	51.389	ug/l	89
11) Tert butyl alcohol	3.050	59	106288	212.272	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	93950	44.902	ug/l	# 81
13) Acrolein	2.239	56	141320	224.419	ug/l	98
14) Allyl chloride	2.654	41	156937	46.378	ug/l	93
15) Acrylonitrile	3.069	53	283450	228.635	ug/l	99
16) Acetone	2.392	43	240536	223.588	ug/l	94
17) Carbon Disulfide	2.495	76	164462	34.531	ug/l	99
18) Methyl Acetate	2.709	43	133557	49.727	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	323425	50.011	ug/l	99
20) Methylene Chloride	2.782	84	103518	45.095	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	95020	44.273	ug/l	88
22) Diisopropyl ether	3.764	45	319273	49.267	ug/l	# 84
23) Vinyl Acetate	3.721	43	1425393	242.702	ug/l	95
24) 1,1-Dichloroethane	3.605	63	177321	46.735	ug/l	97
25) 2-Butanone	4.568	43	379854	224.728	ug/l	94
26) 2,2-Dichloropropane	4.465	77	148855	49.426	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	119944	46.259	ug/l	89
28) Bromochloromethane	4.891	49	66456	44.805	ug/l	# 16
29) Tetrahydrofuran	5.007	42	252371	225.530	ug/l	94
30) Chloroform	5.086	83	190438	46.190	ug/l	99
31) Cyclohexane	5.458	56	145889	46.013	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	167030	46.163	ug/l	96
36) 1,1-Dichloropropene	5.684	75	125896	46.444	ug/l	96
37) Ethyl Acetate	4.715	43	151162	46.696	ug/l	98
38) Carbon Tetrachloride	5.666	117	143586	45.683	ug/l	96
39) Methylcyclohexane	7.373	83	166166	48.853	ug/l	92
40) Benzene	6.031	78	394814	47.714	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	82218	48.463	ug/l	93
42) 1,2-Dichloroethane	6.080	62	139060	46.900	ug/l	94
43) Isopropyl Acetate	6.342	43	235087	48.905	ug/l	96
44) Trichloroethene	7.123	130	114396	46.547	ug/l	86
45) 1,2-Dichloropropane	7.428	63	95973	48.846	ug/l	98
46) Dibromomethane	7.580	93	72541	46.957	ug/l #	77
47) Bromodichloromethane	7.818	83	140453	46.708	ug/l	98
48) Methyl methacrylate	7.696	41	117533	50.091	ug/l	92
49) 1,4-Dioxane	7.677	88	48940	892.592	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	775259	237.404	ug/l	97
52) Toluene	8.714	92	258951	47.940	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	141062	48.909	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	155940	49.214	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	106104	48.924	ug/l	97
56) Ethyl methacrylate	9.116	69	167326	47.758	ug/l	93
57) 1,3-Dichloropropane	9.305	76	170721	48.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	400067	262.293	ug/l	92
59) 2-Hexanone	9.433	43	609790	241.391	ug/l	94
60) Dibromochloromethane	9.519	129	121755	46.413	ug/l	100
61) 1,2-Dibromoethane	9.610	107	110454	46.624	ug/l	99
64) Tetrachloroethene	9.269	164	110488	47.586	ug/l	91
65) Chlorobenzene	10.079	112	304936	47.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	108814	49.320	ug/l	98
67) Ethyl Benzene	10.195	91	500115	49.694	ug/l	96
68) m/p-Xylenes	10.299	106	399821	99.881	ug/l	91
69) o-Xylene	10.640	106	198081	50.834	ug/l	91
70) Styrene	10.653	104	333964	50.474	ug/l	95
71) Bromoform	10.799	173	99071	47.675	ug/l #	100
73) Isopropylbenzene	10.963	105	517401	53.719	ug/l	95
74) N-amyl acetate	10.842	43	215641	56.439	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	166147	52.570	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	132904m	49.947	ug/l	
77) Bromobenzene	11.195	156	146623	51.854	ug/l	77
78) n-propylbenzene	11.305	91	576169	53.344	ug/l	95
79) 2-Chlorotoluene	11.366	91	346925	52.689	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	435744	54.311	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	48856	47.594	ug/l	91
82) 4-Chlorotoluene	11.451	91	398658	52.000	ug/l	92
83) tert-Butylbenzene	11.713	119	470374	54.971	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	437346	54.620	ug/l	92
85) sec-Butylbenzene	11.890	105	556674	54.218	ug/l	95
86) p-Isopropyltoluene	12.006	119	494912	54.314	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	267536	50.154	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	270381	48.062	ug/l	95
89) n-Butylbenzene	12.329	91	397389	51.405	ug/l	97
90) Hexachloroethane	12.536	117	78687	50.996	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	274783	51.910	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35358	51.579	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	201006	50.525	ug/l	95
94) Hexachlorobutadiene	13.725	225	101641	53.592	ug/l	99
95) Naphthalene	13.774	128	575365	53.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207024	52.407	ug/l	96

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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

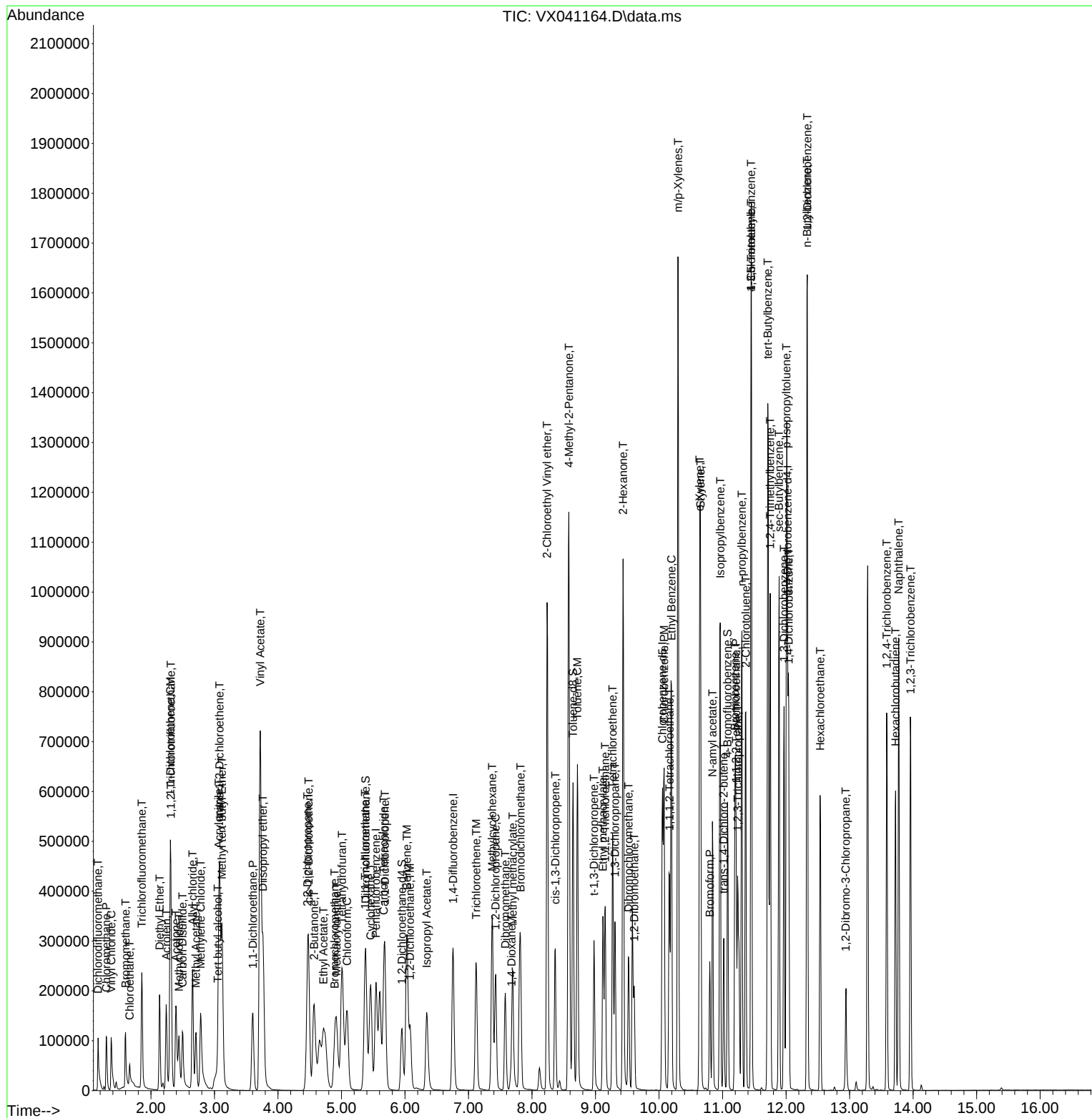
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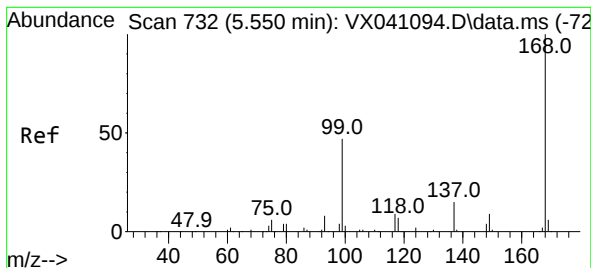
Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

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VSTDCCC050EC

Tgt Ion:168 Resp: 23706

Ion Ratio Lower Upper

168 100

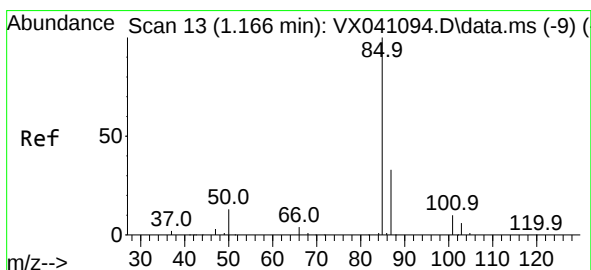
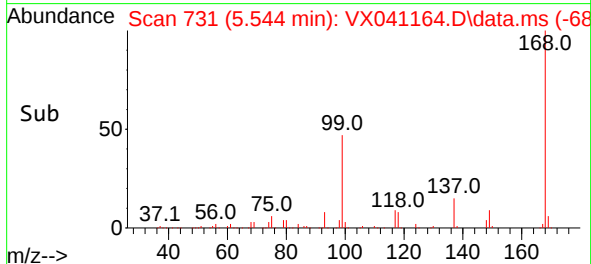
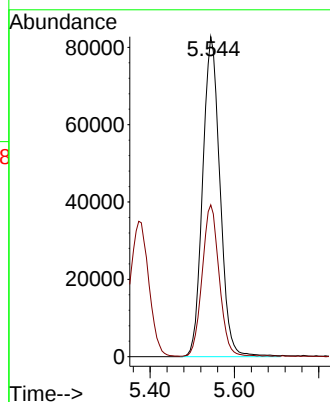
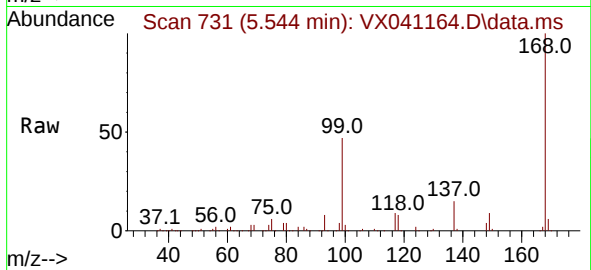
99 47.3 56.6 85.0

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#2

Dichlorodifluoromethane

Concen: 45.749 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041164.D

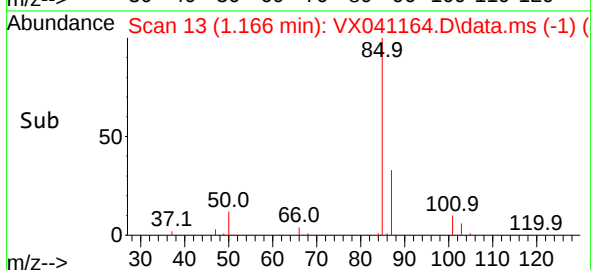
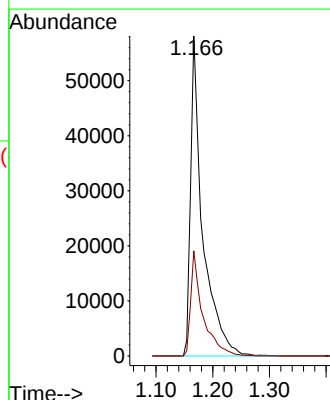
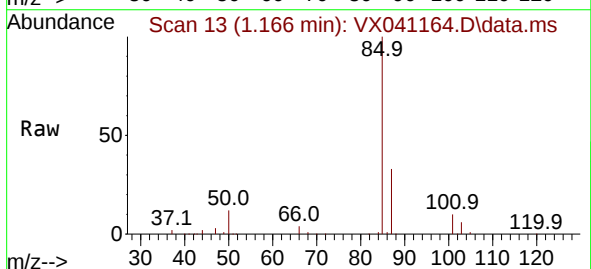
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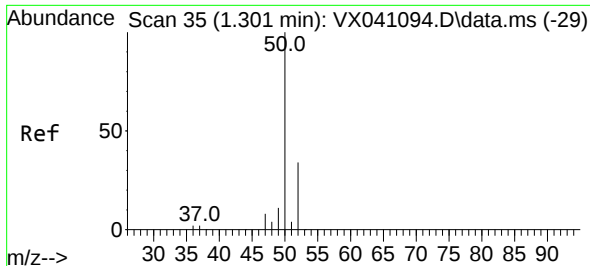
Tgt Ion: 85 Resp: 86024

Ion Ratio Lower Upper

85 100

87 32.9 16.7 50.1





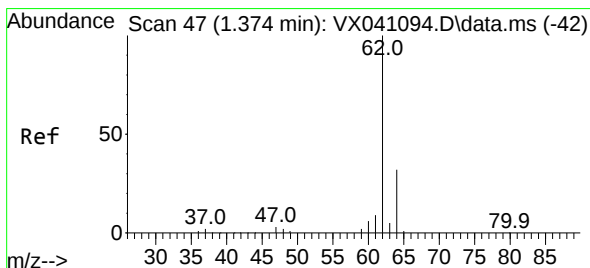
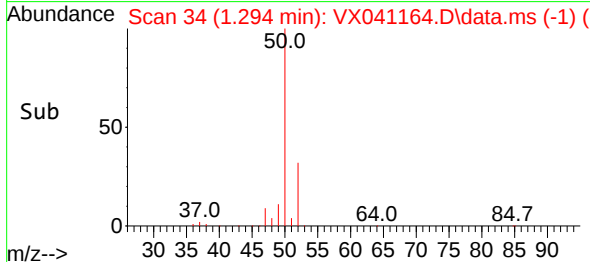
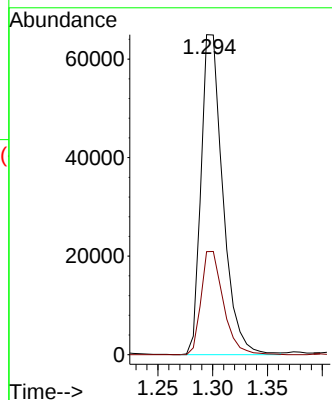
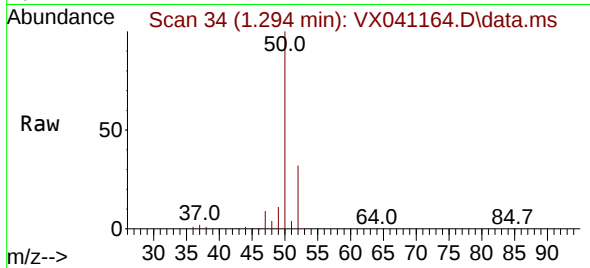
#3
Chloromethane
Concen: 43.191 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041164.D
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Tgt Ion: 50 Resp: 90259
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

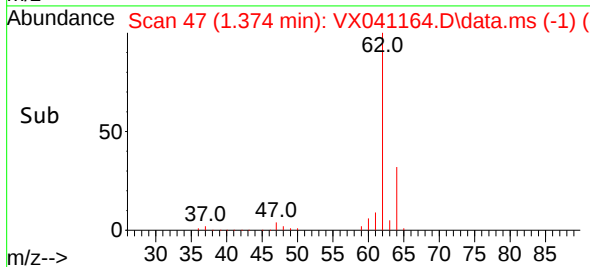
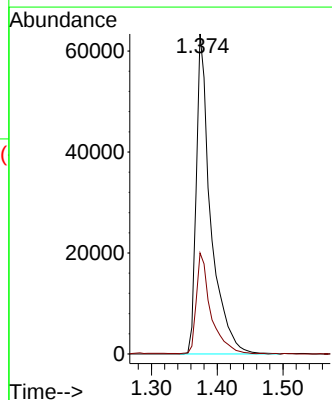
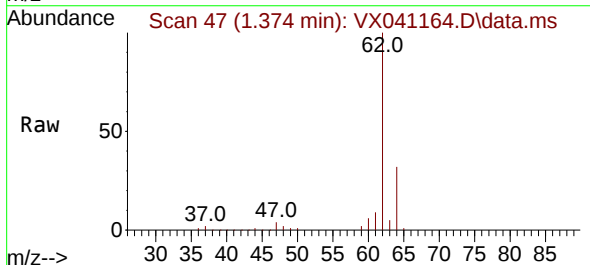
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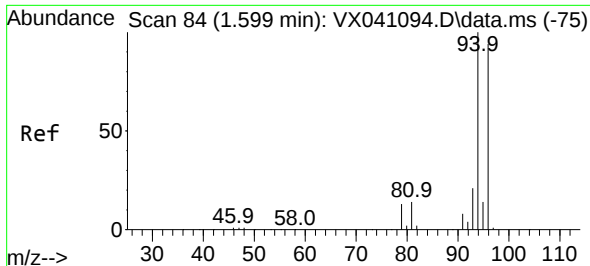
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#4
Vinyl Chloride
Concen: 40.110 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

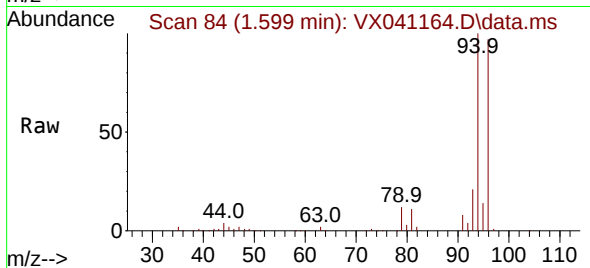
Tgt Ion: 62 Resp: 96071
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 35.200 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

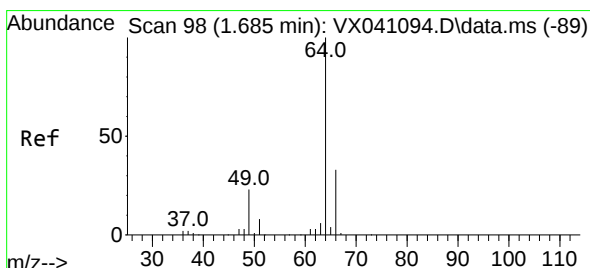
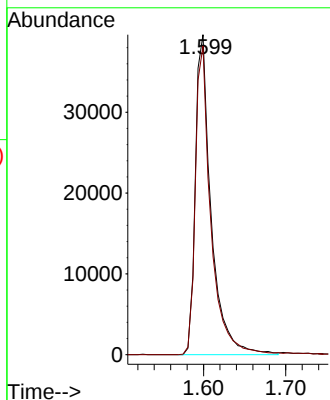
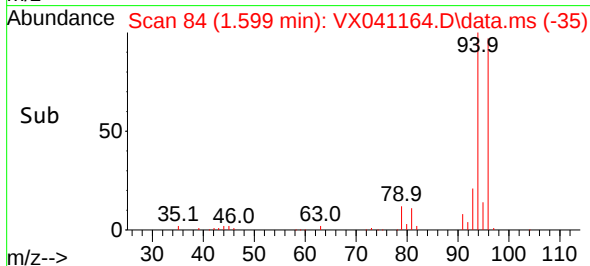
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Tgt Ion: 94 Resp: 5285
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8

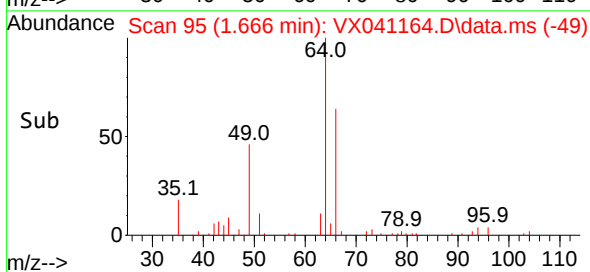
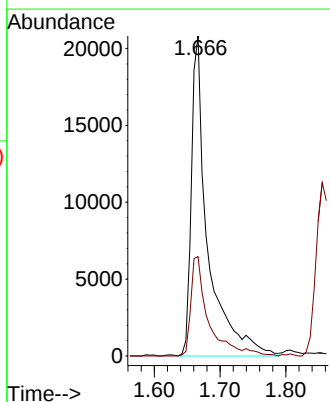
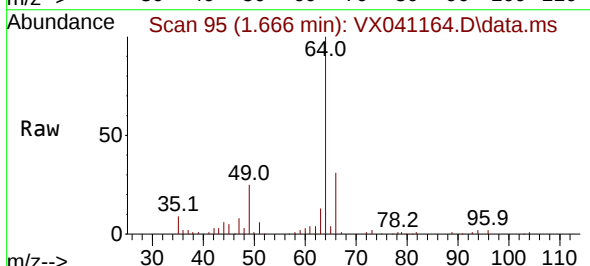
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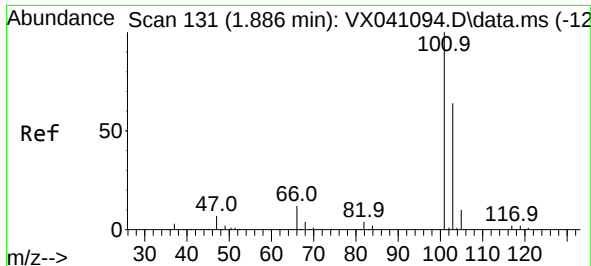
Reviewed By :John Carlone 04/19/2024
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#6
Chloroethane
Concen: 22.680 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 64 Resp: 35856
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





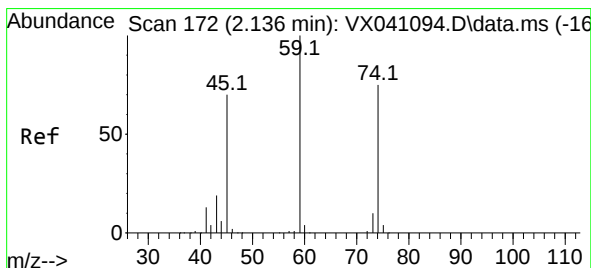
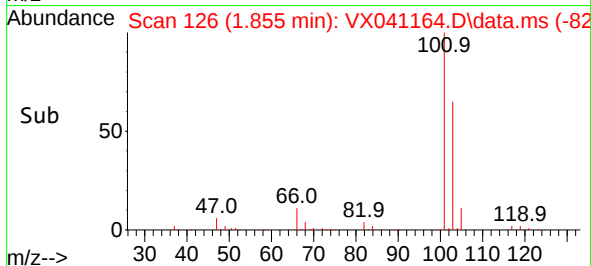
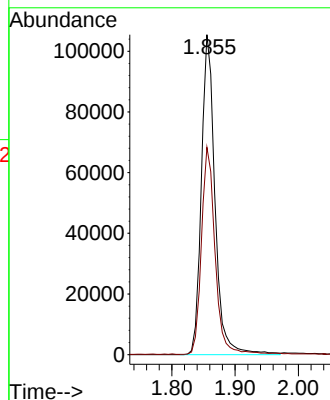
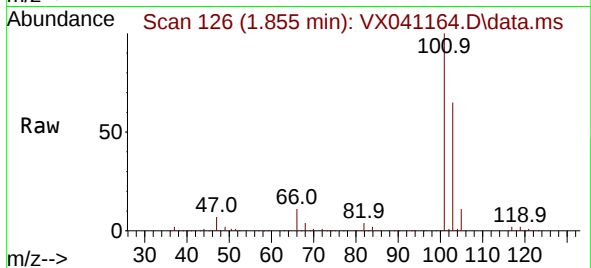
#7
Trichlorofluoromethane
Concen: 42.157 ug/l
RT: 1.855 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 15849
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

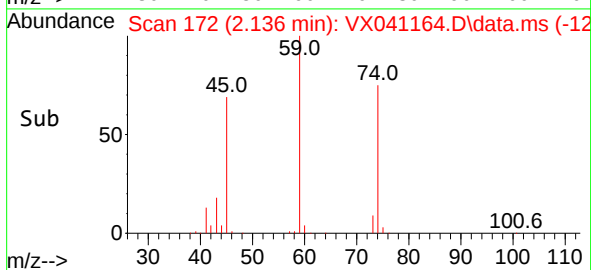
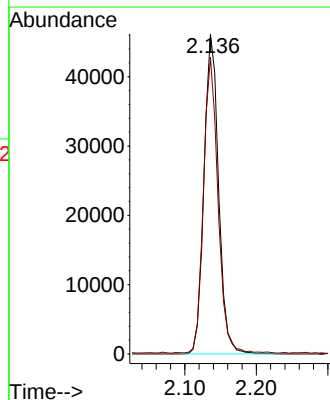
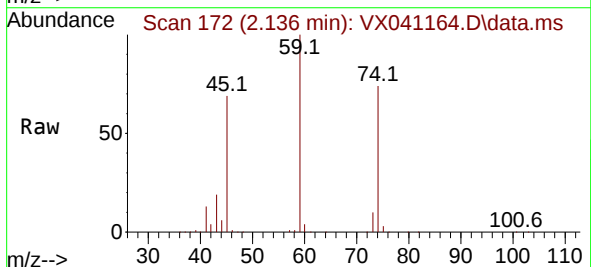
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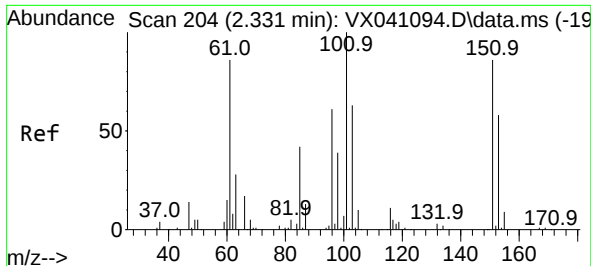
Reviewed By :John Carlone 04/19/2024
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#8
Diethyl Ether
Concen: 44.239 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

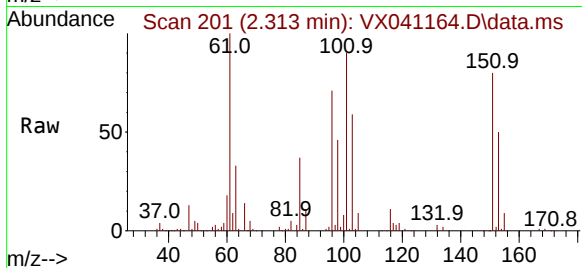
Tgt Ion: 74 Resp: 65267
Ion Ratio Lower Upper
74 100
45 92.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.734 ug/l
RT: 2.313 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

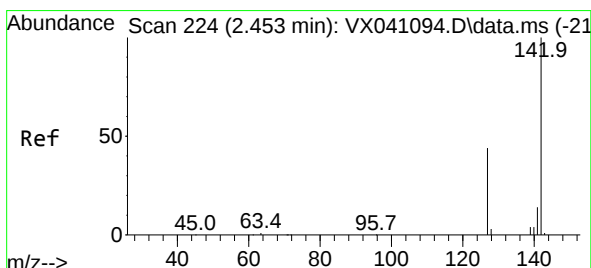
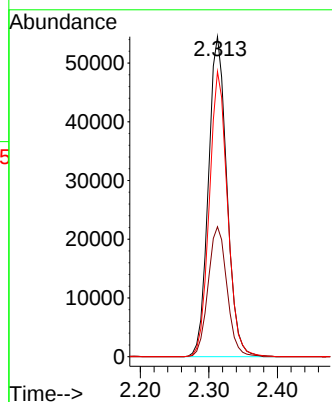
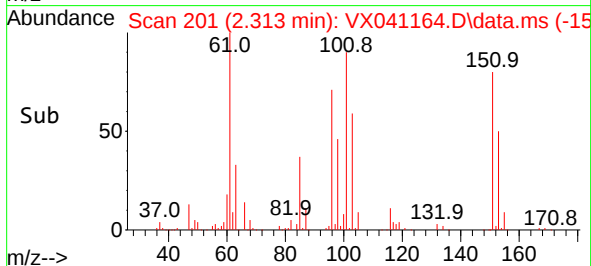
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



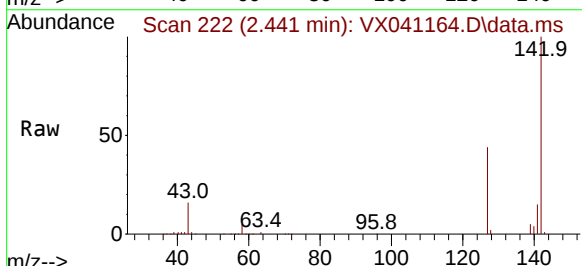
Tgt Ion:101 Resp: 102130
Ion Ratio Lower Upper
101 100
85 41.4 37.0 55.6
151 87.7 58.6 87.8

Manual Integrations
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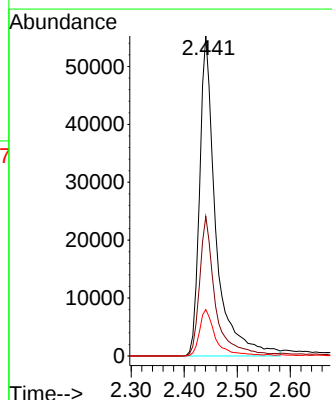
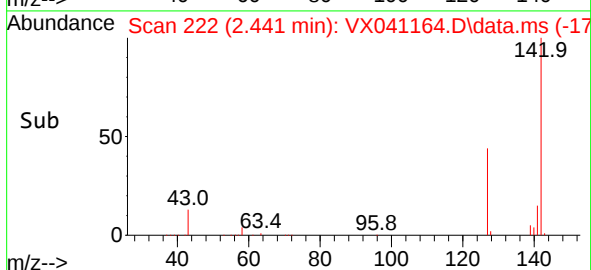
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

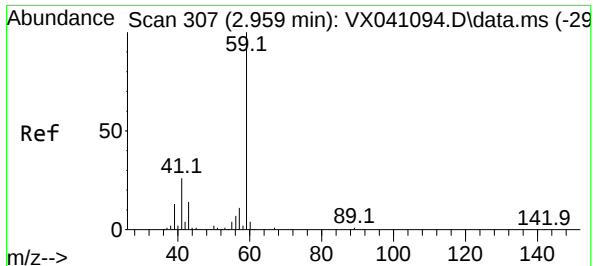


#10
Methyl Iodide
Concen: 51.389 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29



Tgt Ion:142 Resp: 117982
Ion Ratio Lower Upper
142 100
127 42.0 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 212.272 ug/l

RT: 3.050 min Scan# 307

Delta R.T. 0.091 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 10628

Ion Ratio Lower Upper

59 100

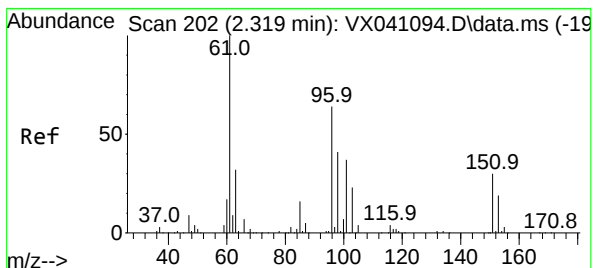
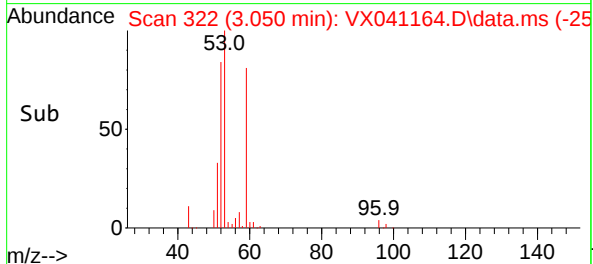
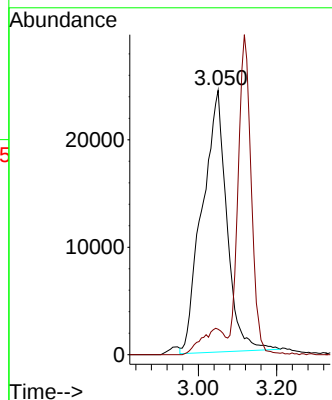
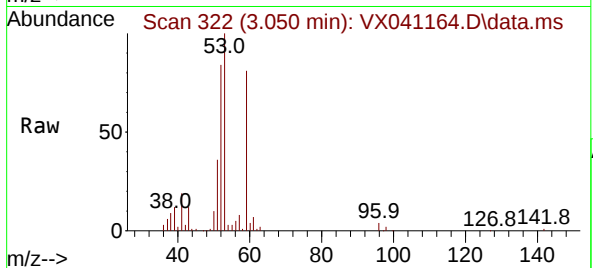
57 9.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#12

1,1-Dichloroethene

Concen: 44.902 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

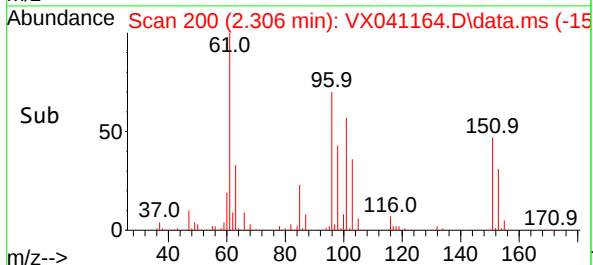
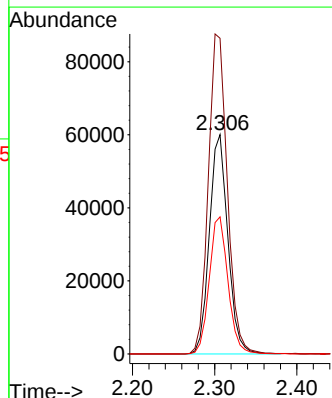
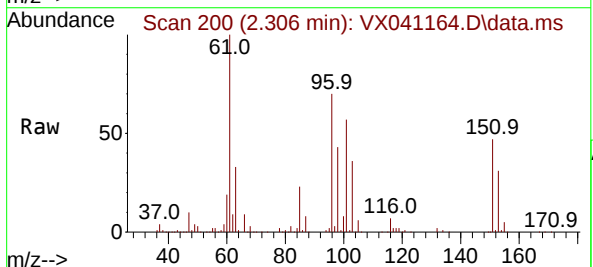
Tgt Ion: 96 Resp: 93950

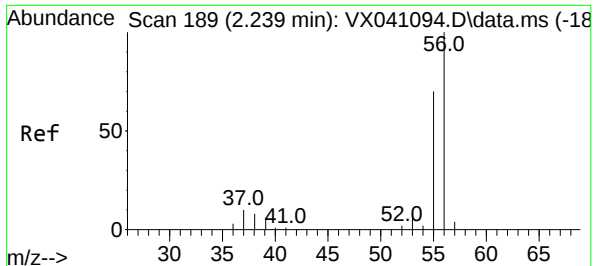
Ion Ratio Lower Upper

96 100

61 143.9 144.6 216.8#

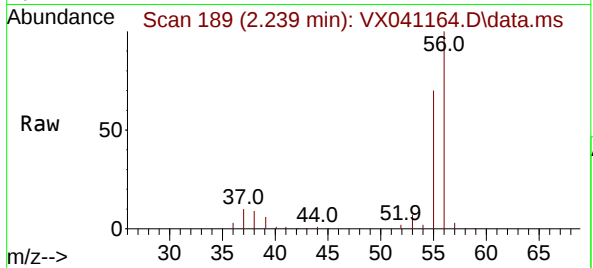
98 62.5 50.4 75.6





#13
Acrolein
Concen: 224.419 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

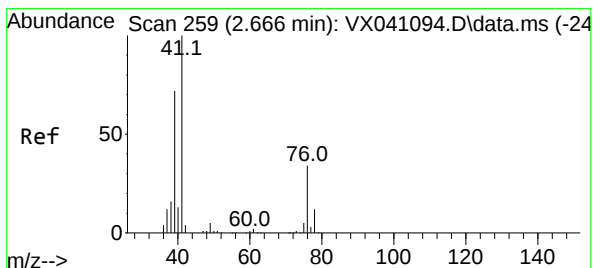
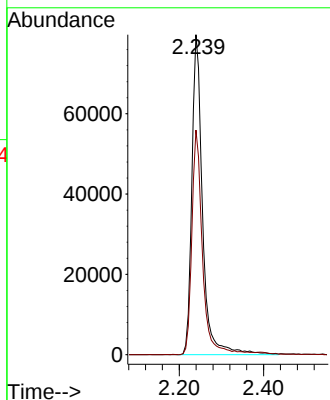
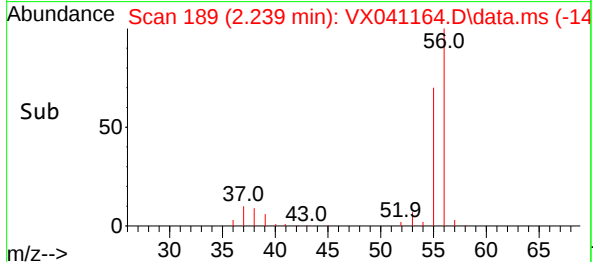
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 141320
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

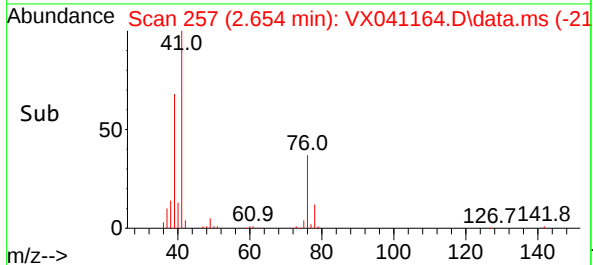
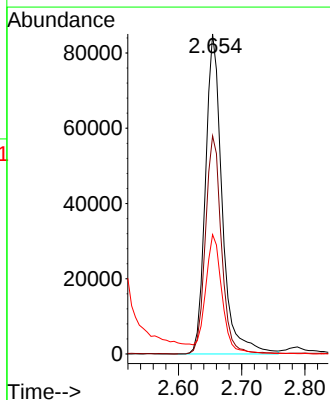
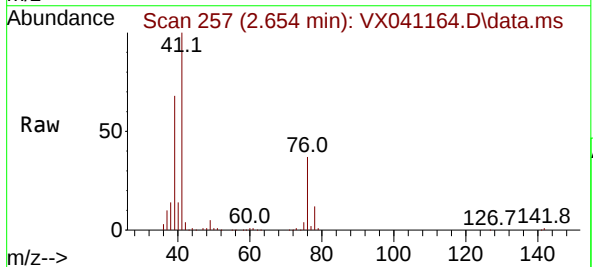
Manual Integrations
APPROVED

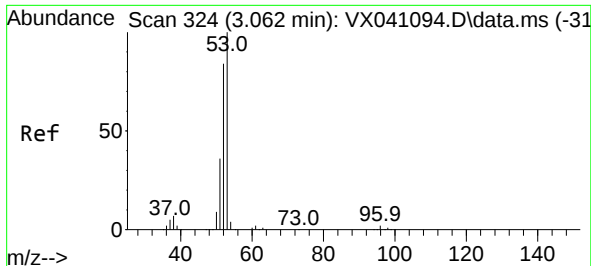
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#14
Allyl chloride
Concen: 46.378 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 41 Resp: 156937
Ion Ratio Lower Upper
41 100
39 65.2 55.8 83.6
76 36.4 24.3 36.5





#15

Acrylonitrile

Concen: 228.635 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

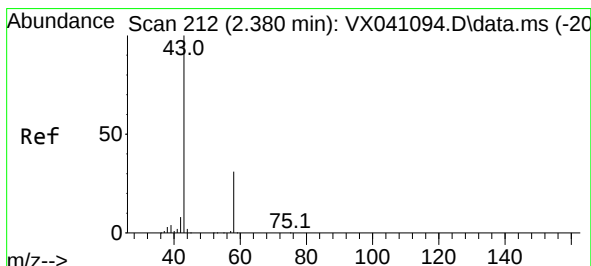
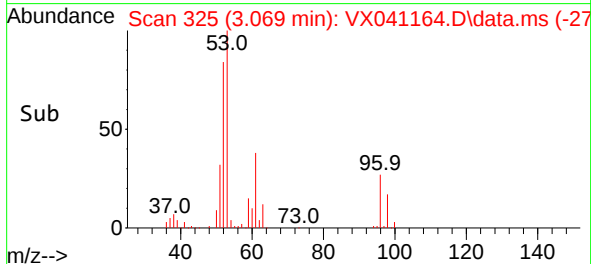
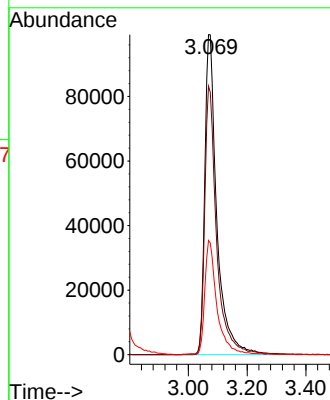
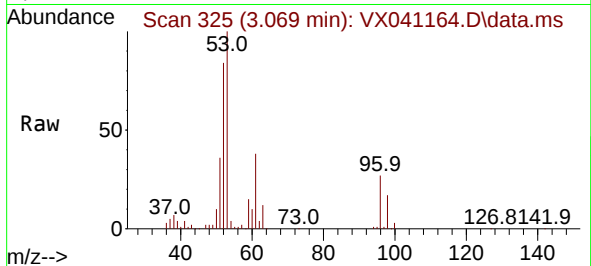
Tgt Ion: 53	Resp: 283450
Ion Ratio	Lower Upper
53	100
52	82.1 66.0 99.0
51	35.2 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#16

Acetone

Concen: 223.588 ug/l

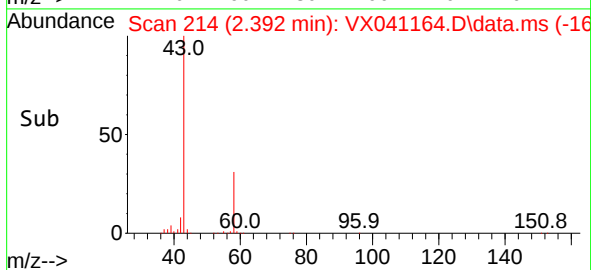
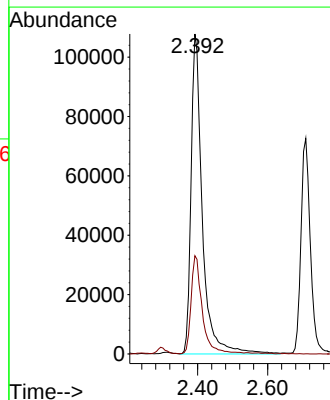
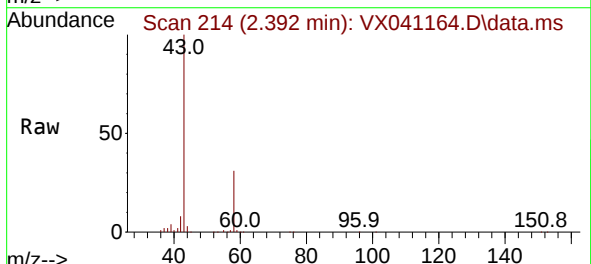
RT: 2.392 min Scan# 214

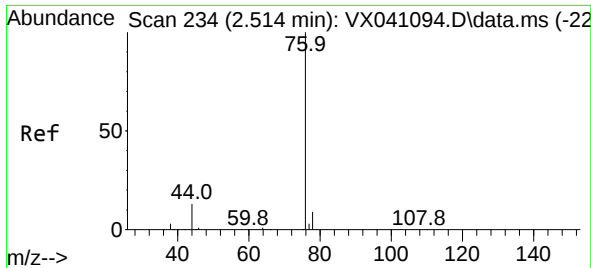
Delta R.T. 0.012 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion: 43	Resp: 240536
Ion Ratio	Lower Upper
43	100
58	30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 34.531 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.018 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 164462

Ion Ratio Lower Upper

76 100

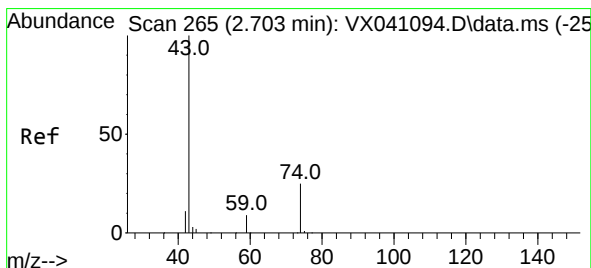
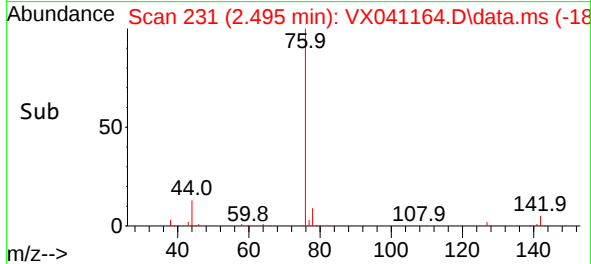
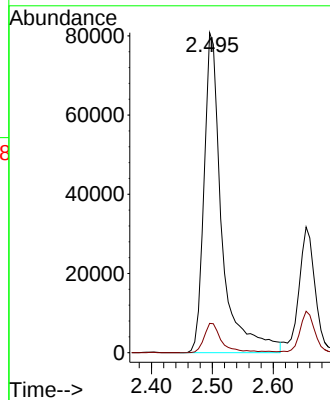
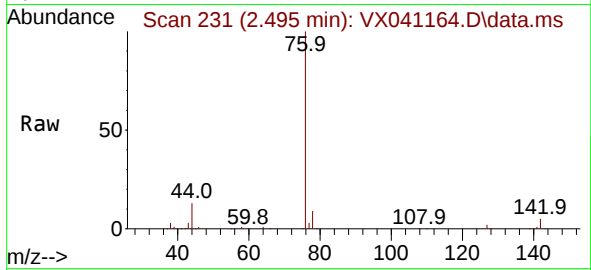
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#18

Methyl Acetate

Concen: 49.727 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX041164.D

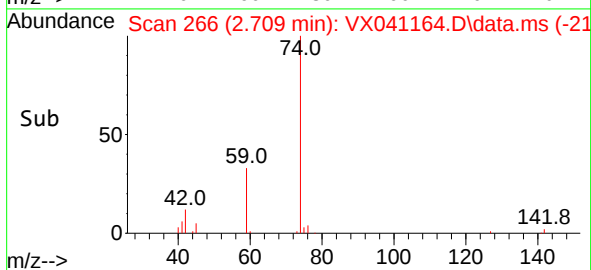
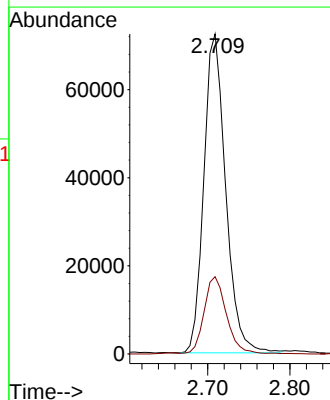
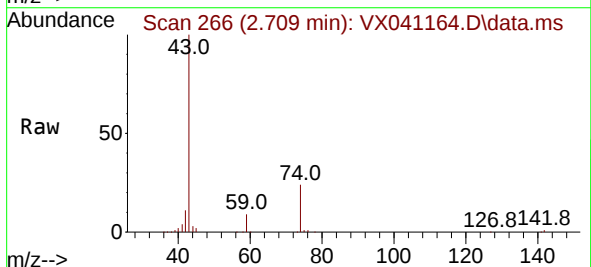
Acq: 18 Apr 2024 15:29

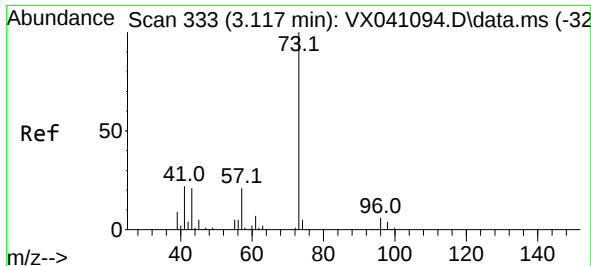
Tgt Ion: 43 Resp: 133557

Ion Ratio Lower Upper

43 100

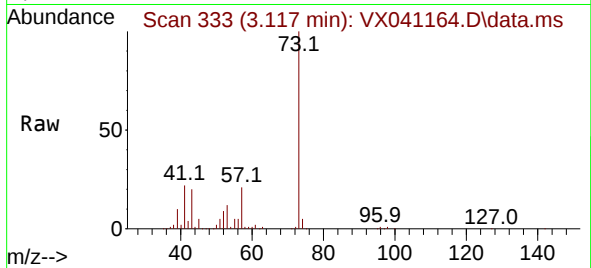
74 25.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.011 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

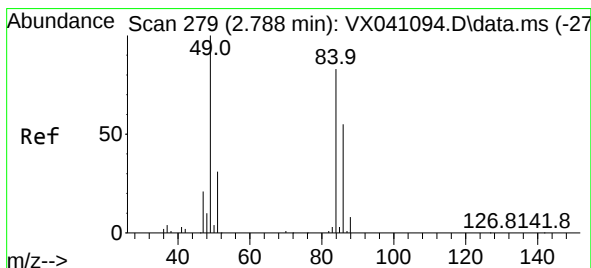
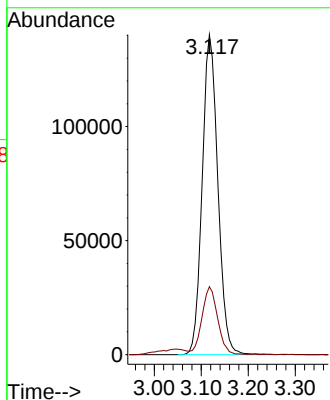
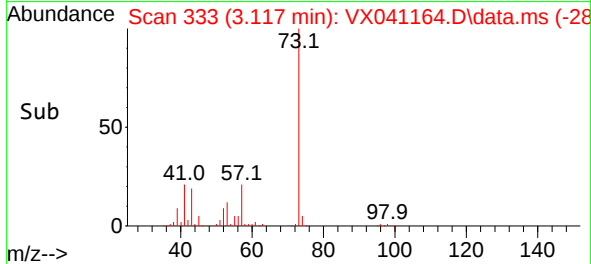
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 323425
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

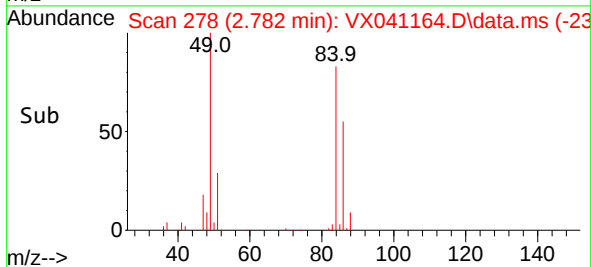
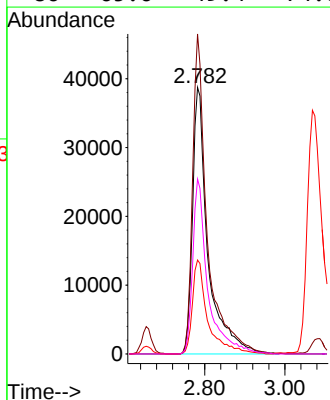
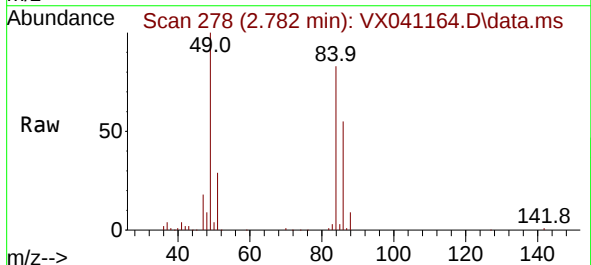
Manual Integrations
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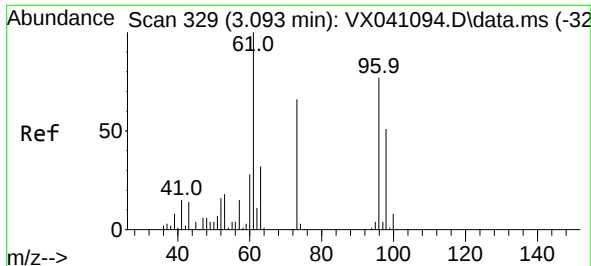
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#20
Methylene Chloride
Concen: 45.095 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

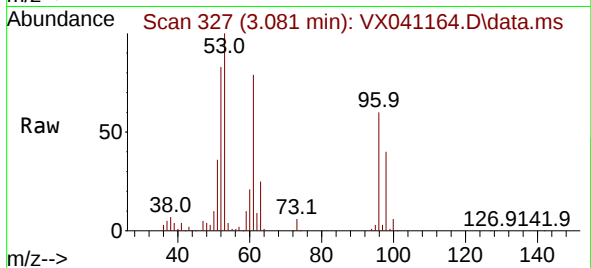
Tgt Ion: 84 Resp: 103518
Ion Ratio Lower Upper
84 100
49 120.1 103.6 155.4
51 35.2 33.8 50.6
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.273 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

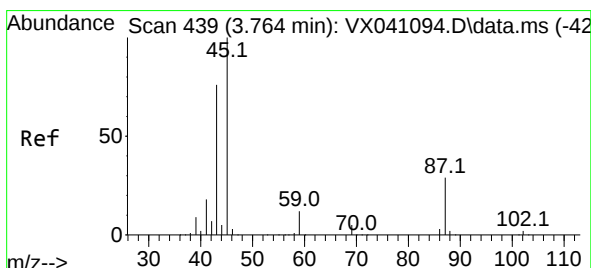
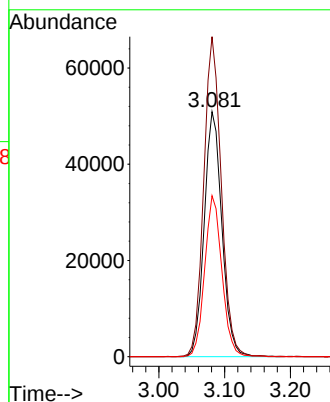
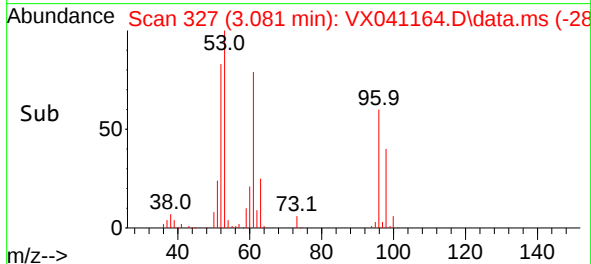
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 95020
Ion Ratio Lower Upper
96 100
61 130.5 119.2 178.8
98 65.7 48.7 73.1

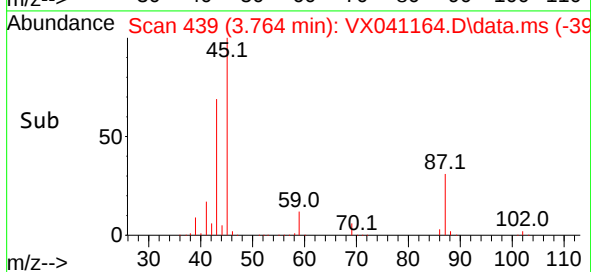
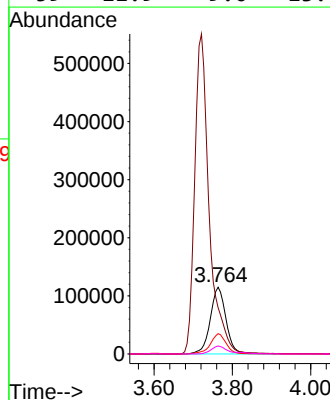
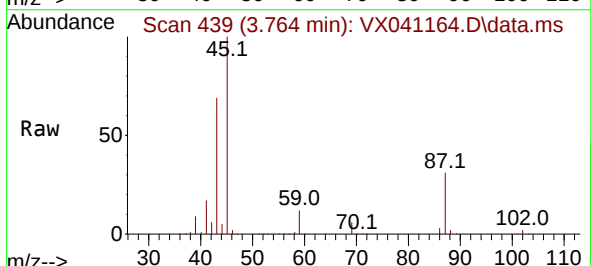
Manual Integrations
APPROVED

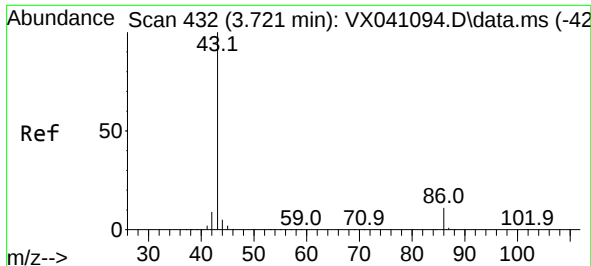
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#22
Diisopropyl ether
Concen: 49.267 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 45 Resp: 319273
Ion Ratio Lower Upper
45 100
43 69.3 69.7 104.5#
87 30.5 20.8 31.2
59 11.9 9.0 13.4





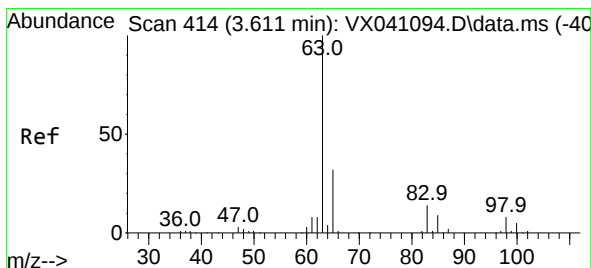
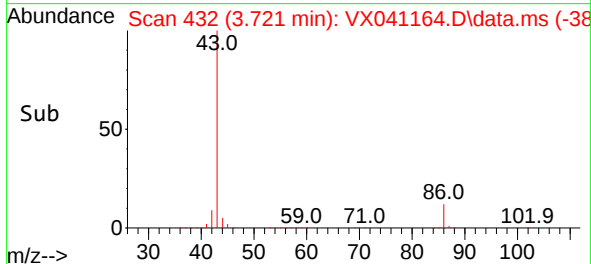
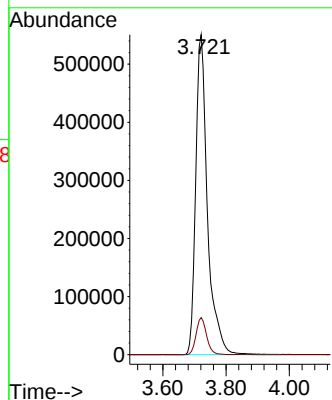
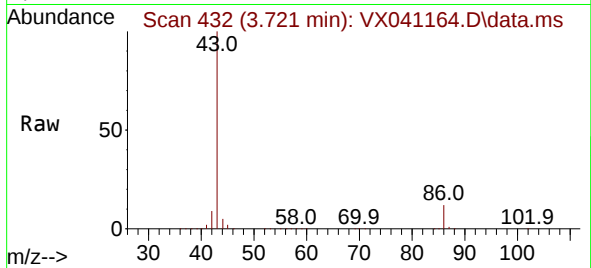
#23
 Vinyl Acetate
 Concen: 242.702 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041164.D
 Acq: 18 Apr 2024 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 142539
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

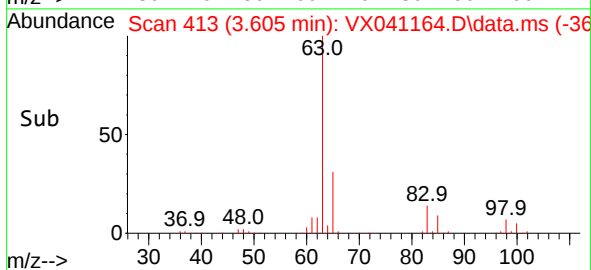
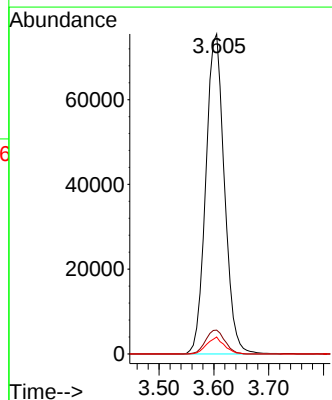
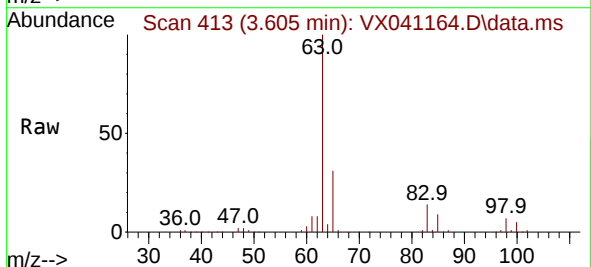
Manual Integrations
 APPROVED

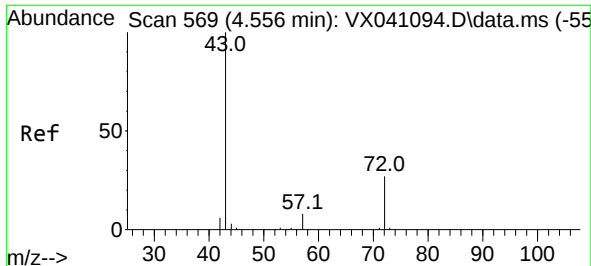
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024



#24
 1,1-Dichloroethane
 Concen: 46.735 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX041164.D
 Acq: 18 Apr 2024 15:29

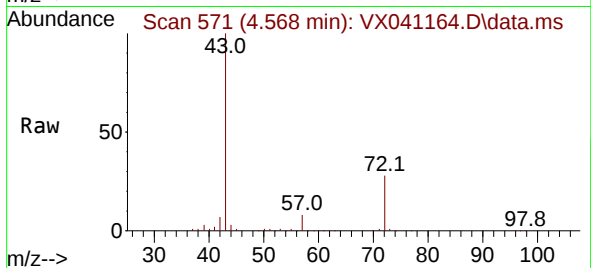
Tgt Ion: 63 Resp: 177321
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 224.728 ug/l
RT: 4.568 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

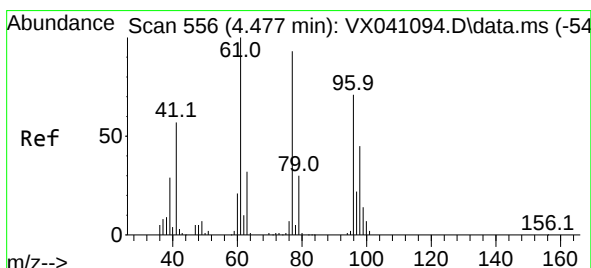
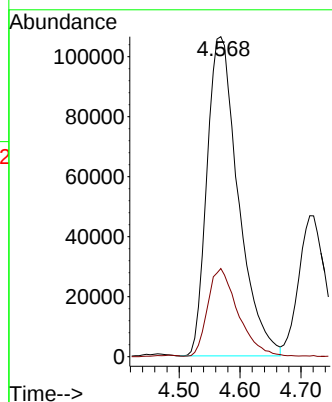
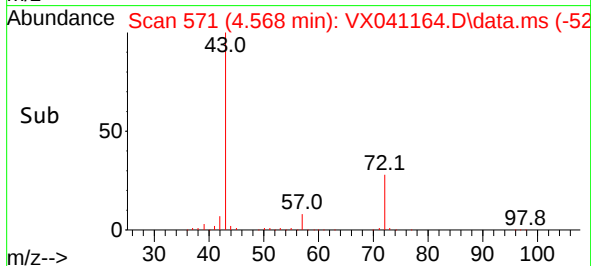
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 379854
Ion Ratio Lower Upper
43 100
72 27.4 19.4 29.2

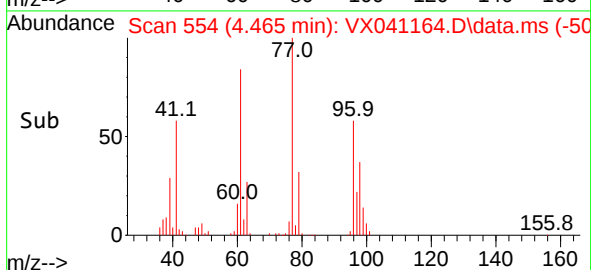
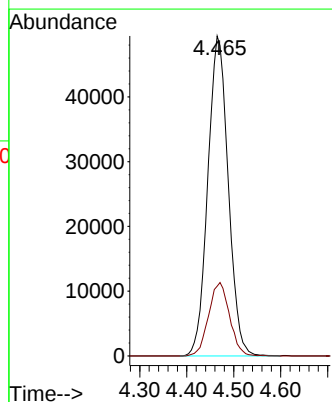
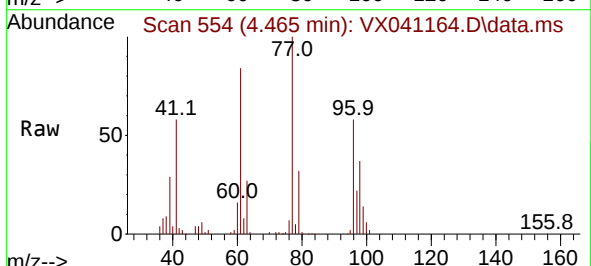
Manual Integrations
APPROVED

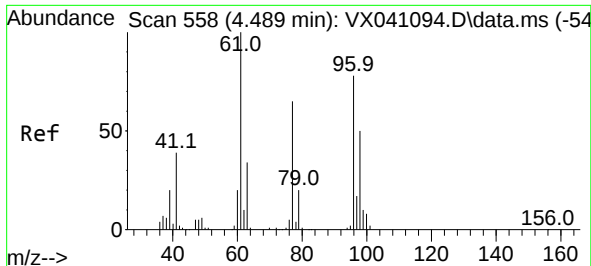
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#26
2,2-Dichloropropane
Concen: 49.426 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 77 Resp: 148855
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.259 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

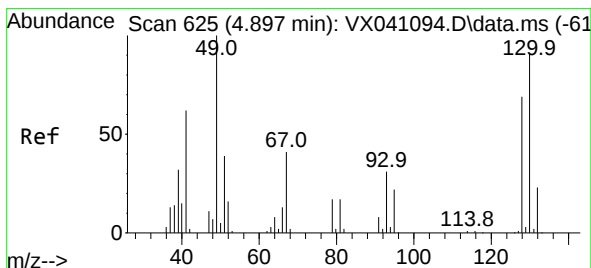
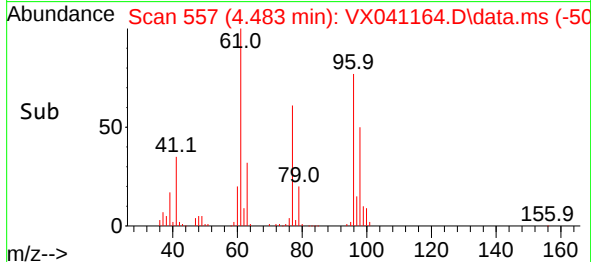
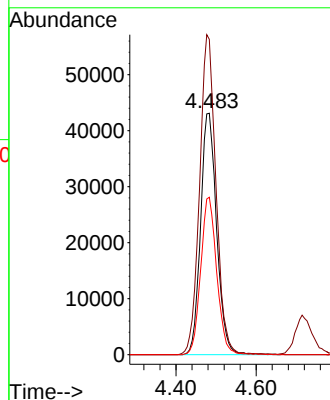
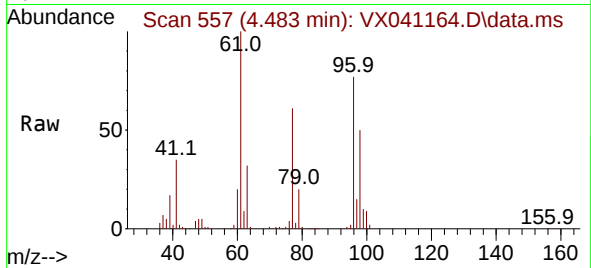
Tgt Ion: 96 Resp: 119944
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 312.2
 98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#28

Bromochloromethane

Concen: 44.805 ug/l

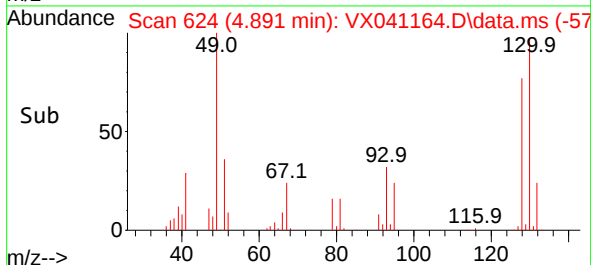
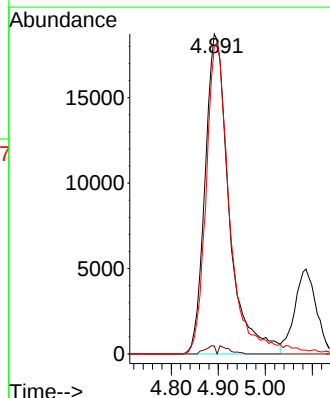
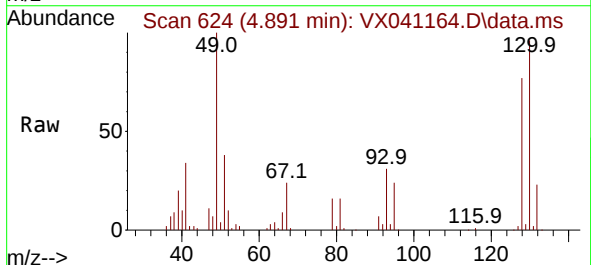
RT: 4.891 min Scan# 624

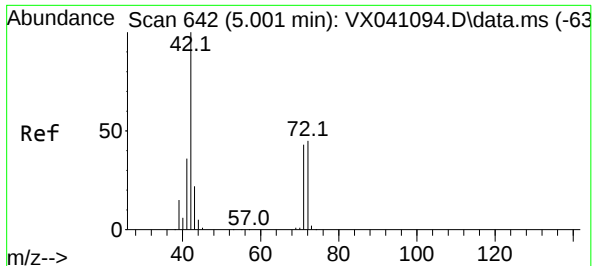
Delta R.T. -0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion: 49 Resp: 66456
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 0.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 225.530 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 25237

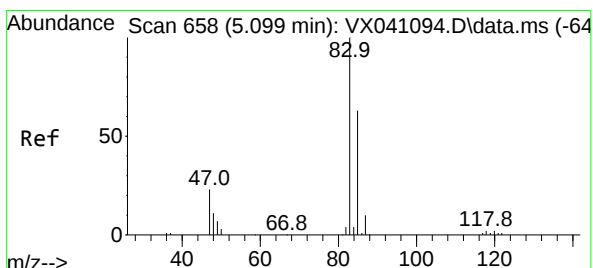
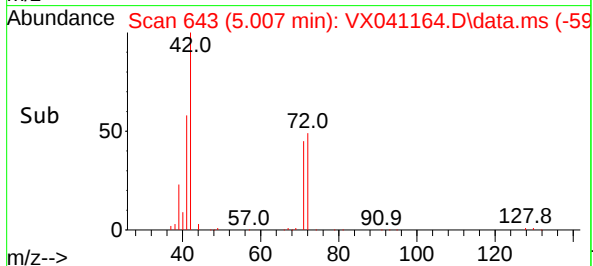
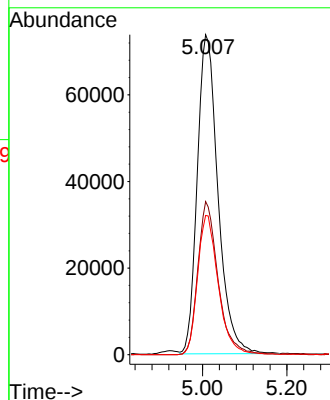
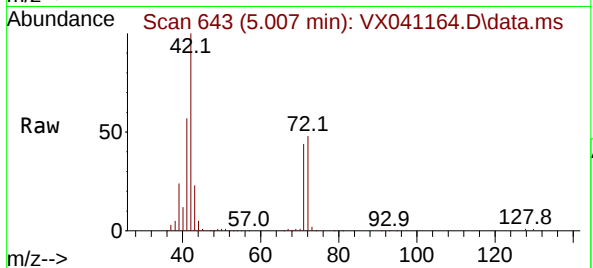
Ion	Ratio	Lower	Upper
42	100		
72	47.0	34.2	51.4
71	43.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#30

Chloroform

Concen: 46.190 ug/l

RT: 5.086 min Scan# 656

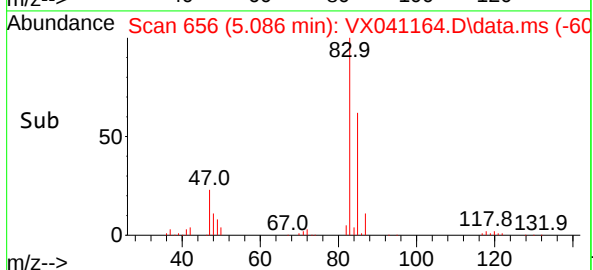
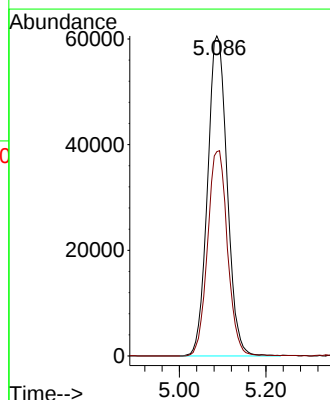
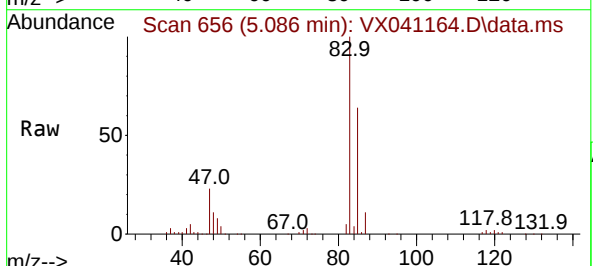
Delta R.T. -0.012 min

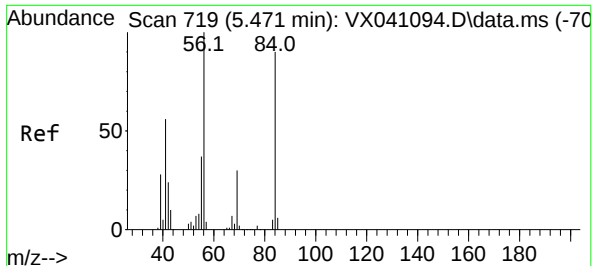
Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion: 83 Resp: 190438

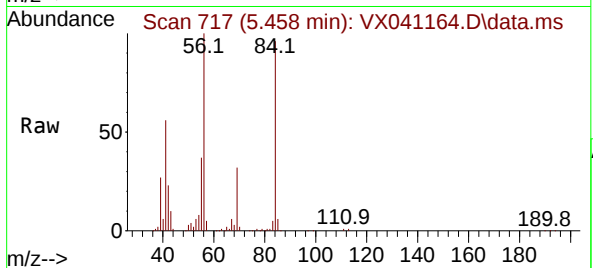
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.3	75.5





#31
Cyclohexane
Concen: 46.013 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

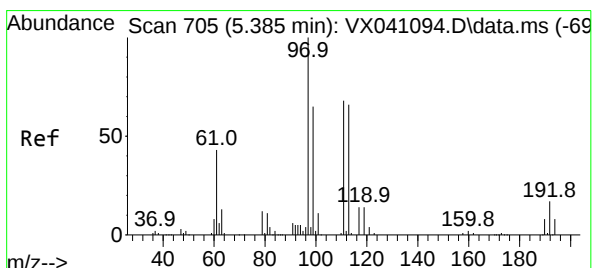
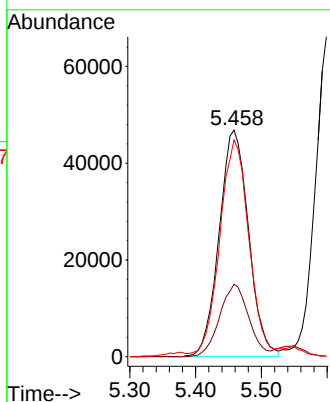
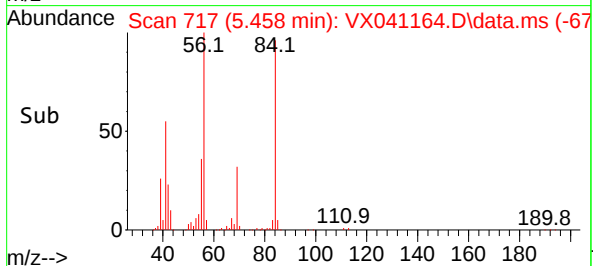
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 145889
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 93.7 65.9 98.9

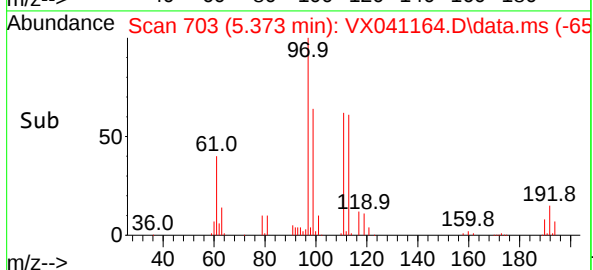
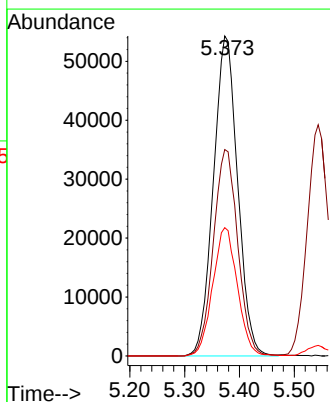
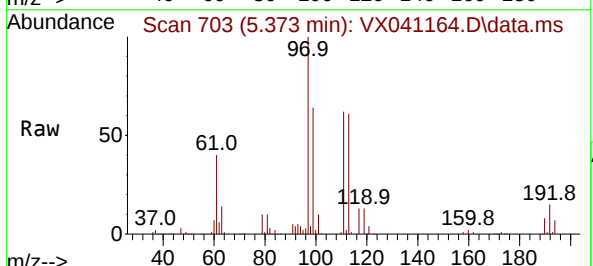
Manual Integrations
APPROVED

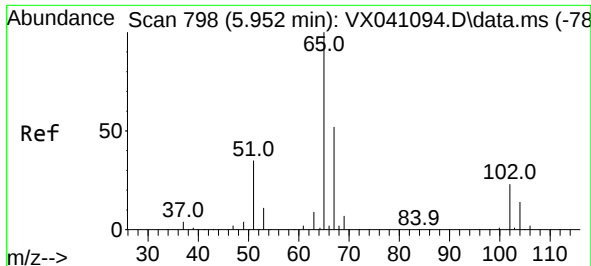
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#32
1,1,1-Trichloroethane
Concen: 46.163 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 97 Resp: 167030
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 40.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.939 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 122699

Ion Ratio Lower Upper

65 100

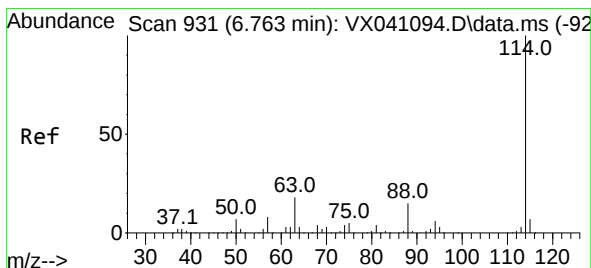
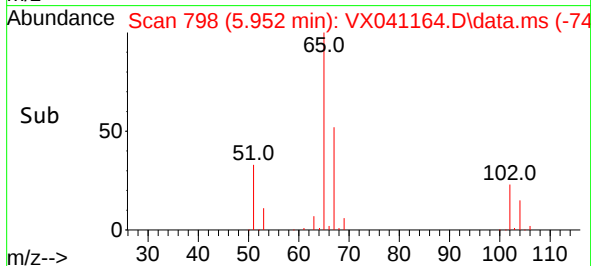
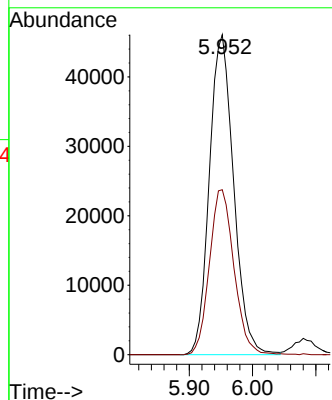
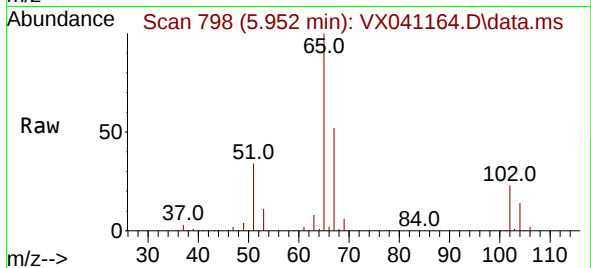
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

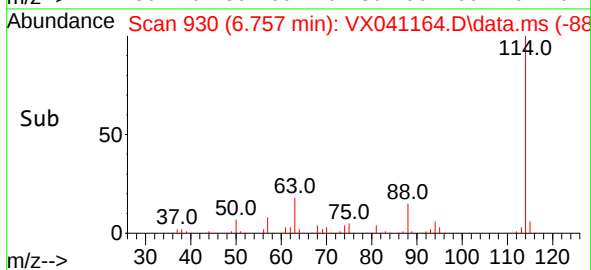
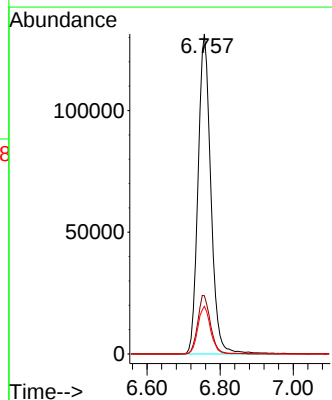
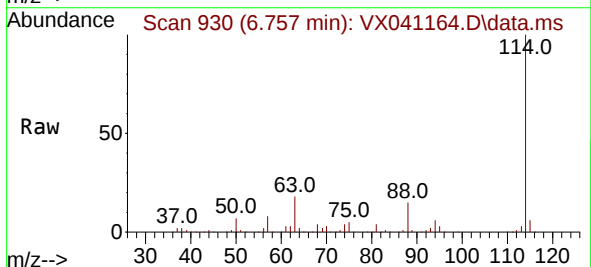
Tgt Ion:114 Resp: 320514

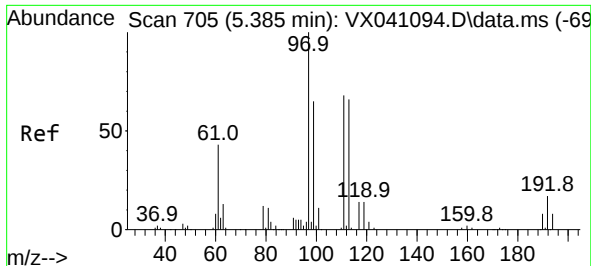
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.805 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 10663

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

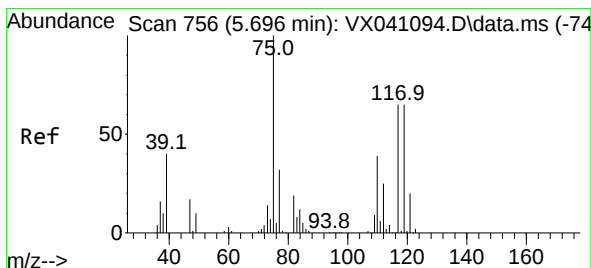
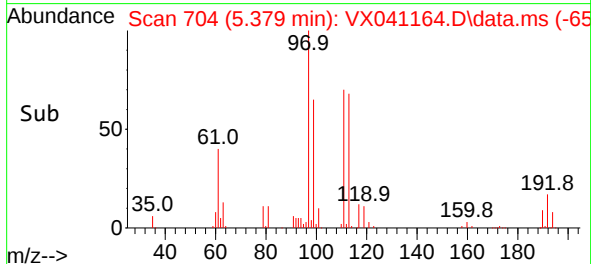
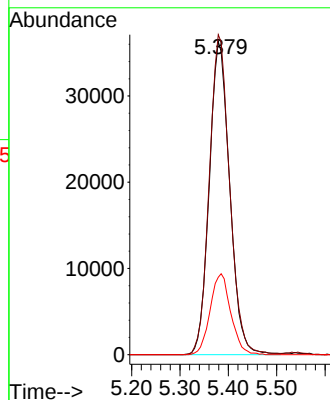
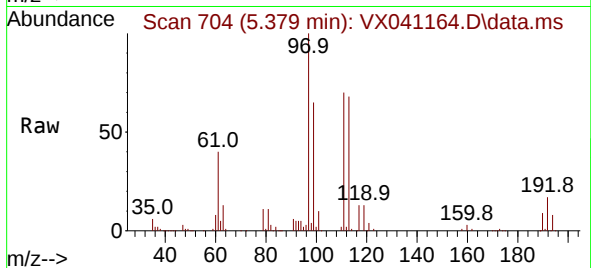
192 26.1 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#36

1,1-Dichloropropene

Concen: 46.444 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.012 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

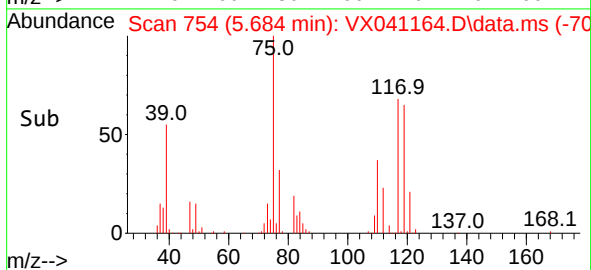
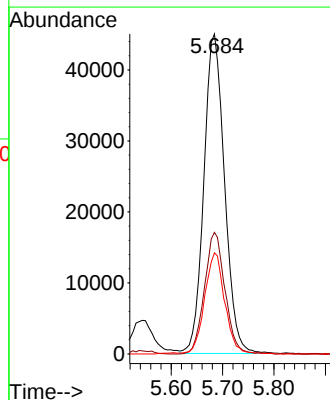
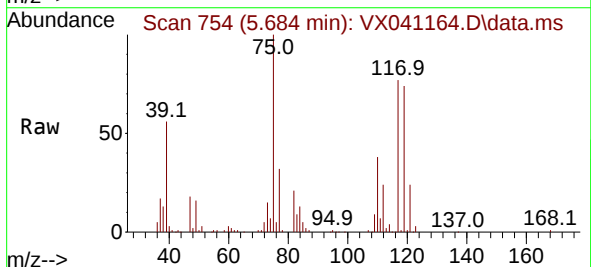
Tgt Ion: 75 Resp: 125896

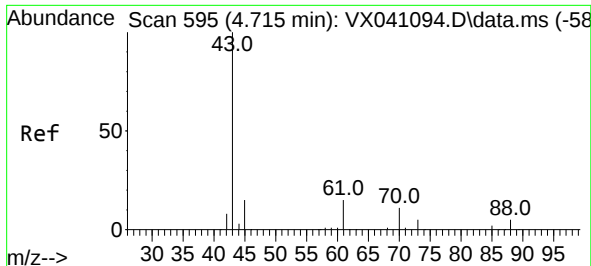
Ion Ratio Lower Upper

75 100

110 37.5 17.0 50.9

77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 46.696 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

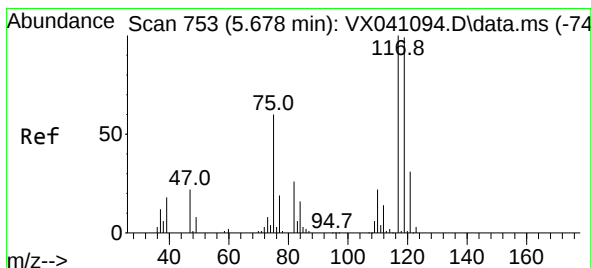
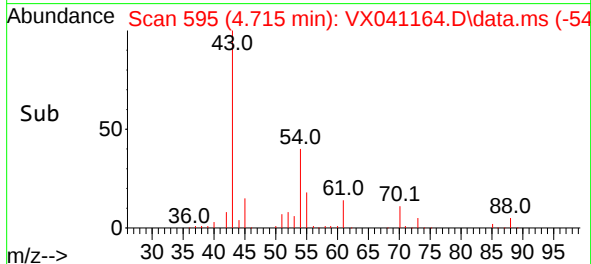
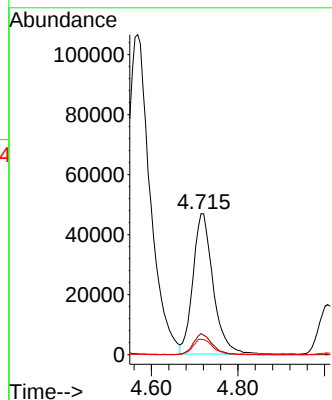
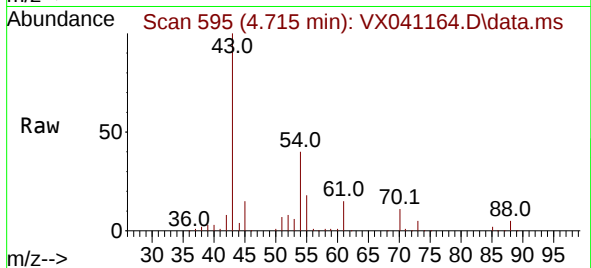
Tgt Ion: 43 Resp: 151162
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.6 16.0
 70 11.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#38

Carbon Tetrachloride

Concen: 45.683 ug/l

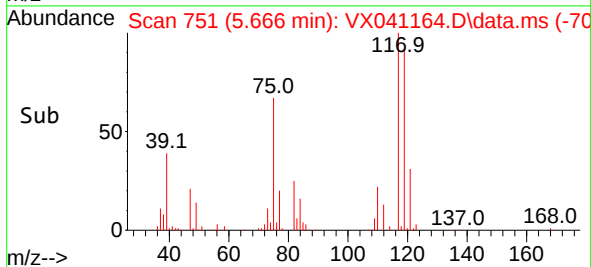
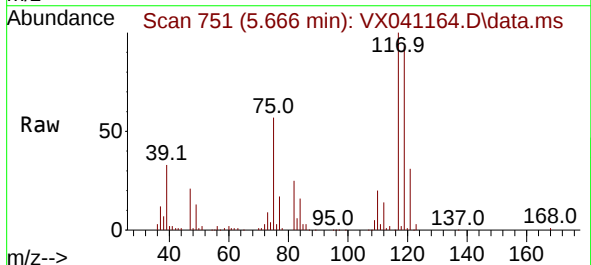
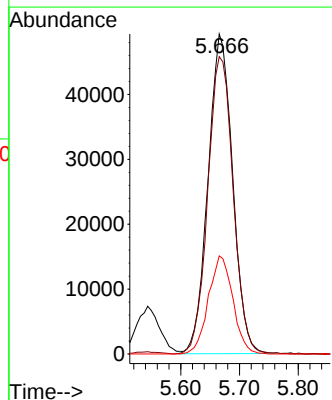
RT: 5.666 min Scan# 751

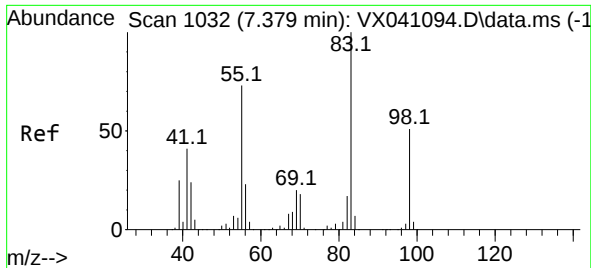
Delta R.T. -0.012 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion:117 Resp: 143586
 Ion Ratio Lower Upper
 117 100
 119 92.9 78.2 117.2
 121 30.7 24.4 36.6





#39
Methylcyclohexane
Concen: 48.853 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

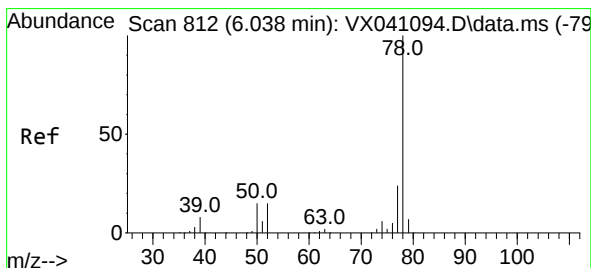
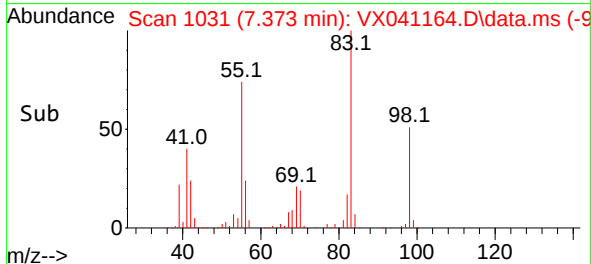
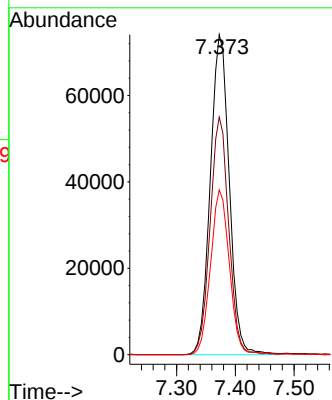
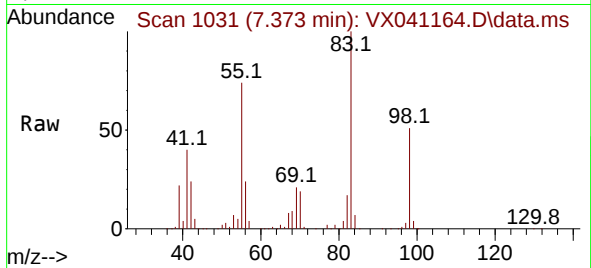
Tgt Ion: 83 Resp: 166160
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 51.5 36.7 55.1

Manual Integrations

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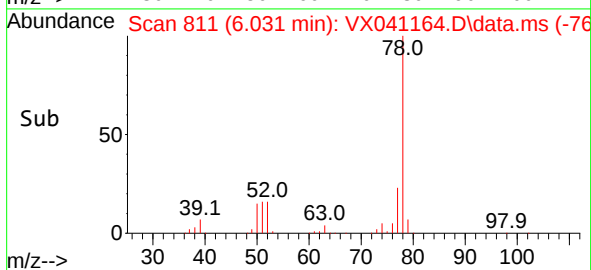
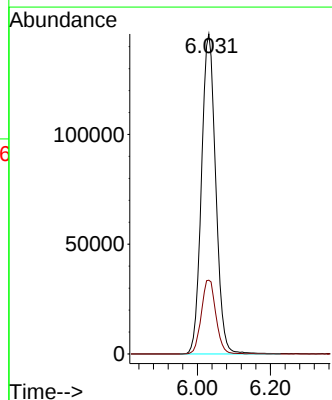
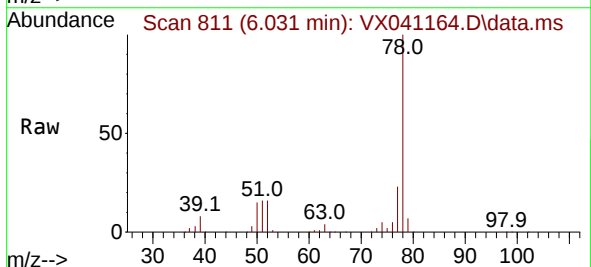
Reviewed By :John Carlone 04/19/2024

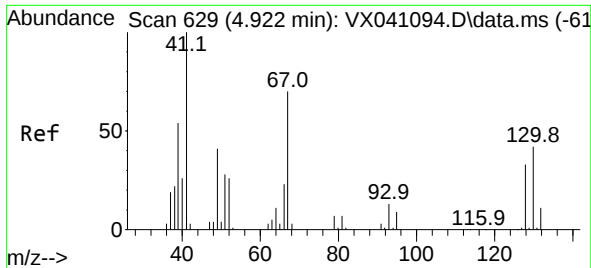
Supervised By :Mahesh Dadoda 04/19/2024



#40
Benzene
Concen: 47.714 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

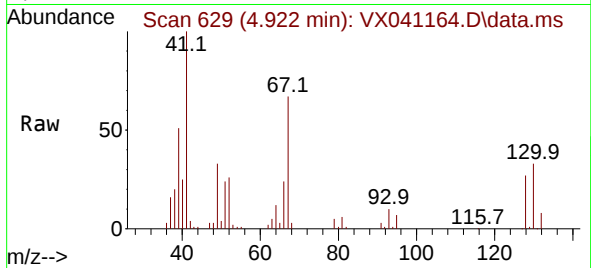
Tgt Ion: 78 Resp: 394814
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41
Methacrylonitrile
Concen: 48.463 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

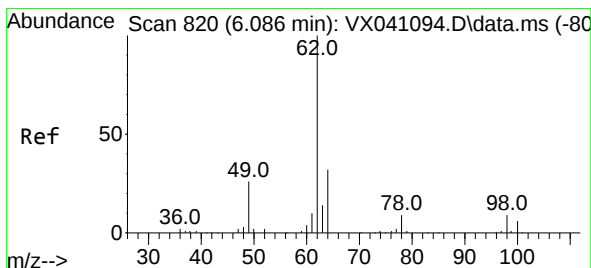
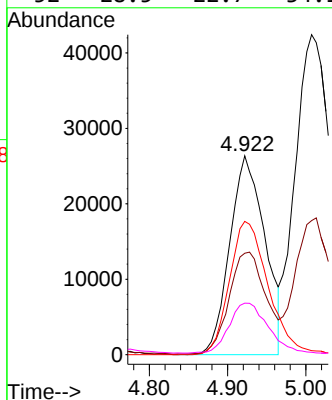
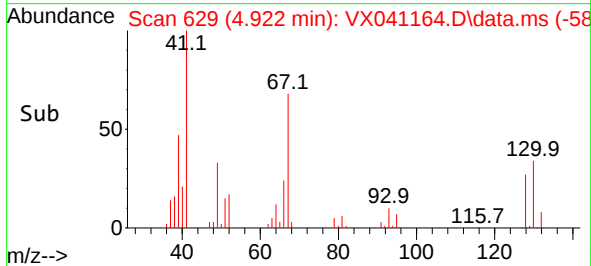
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 82218
Ion Ratio Lower Upper
41 100
39 53.3 45.2 67.8
67 74.9 52.6 78.8
52 28.5 22.7 34.1

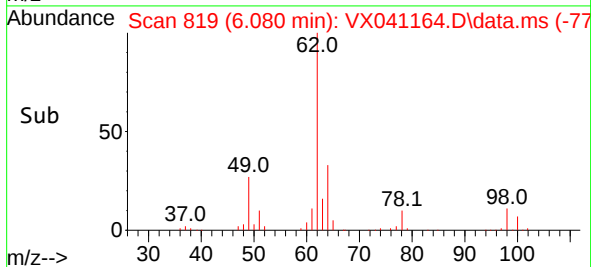
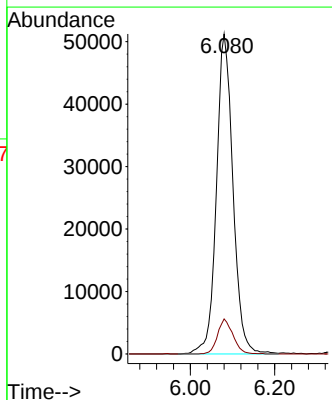
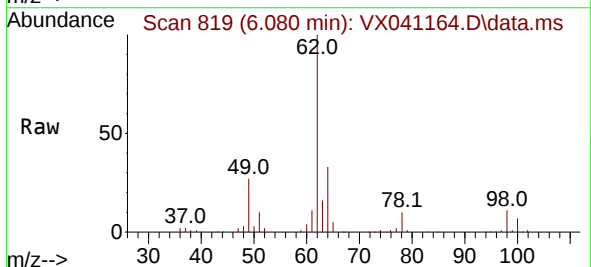
Manual Integrations
APPROVED

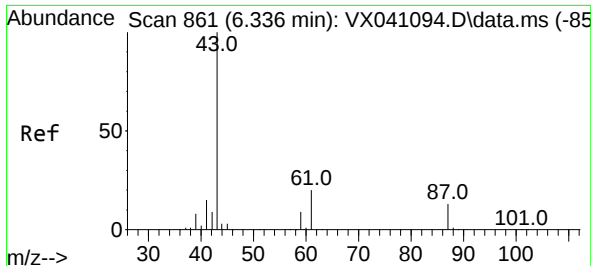
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#42
1,2-Dichloroethane
Concen: 46.900 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

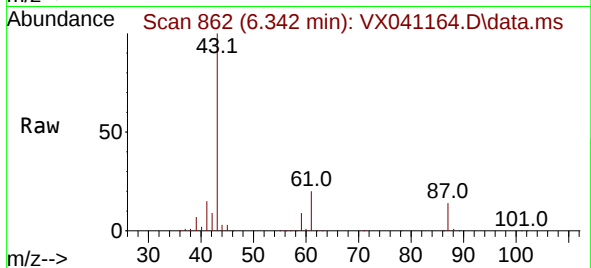
Tgt Ion: 62 Resp: 139060
Ion Ratio Lower Upper
62 100
98 10.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.905 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

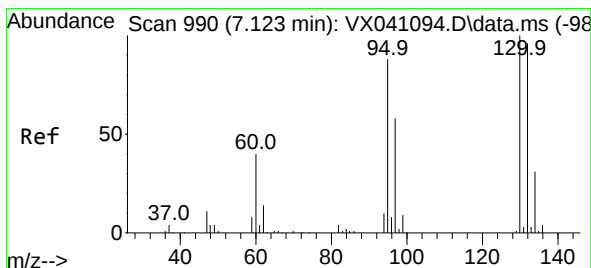
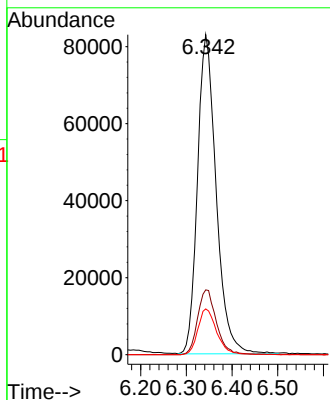
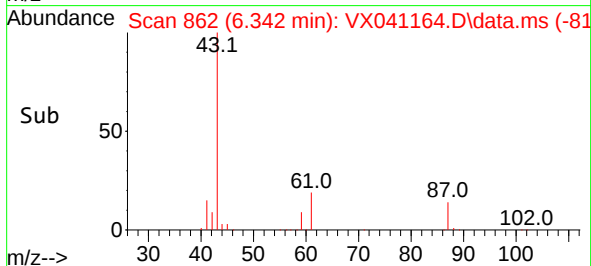
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23508
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.4 9.8 14.6

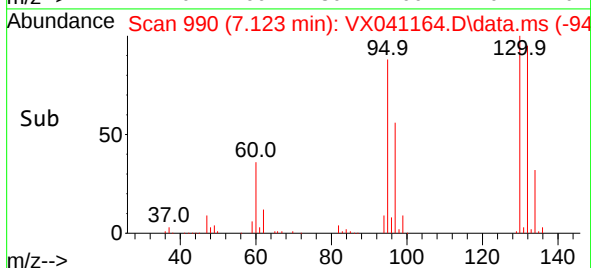
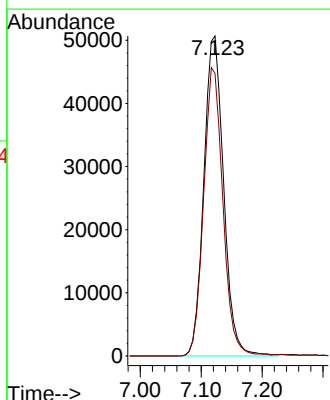
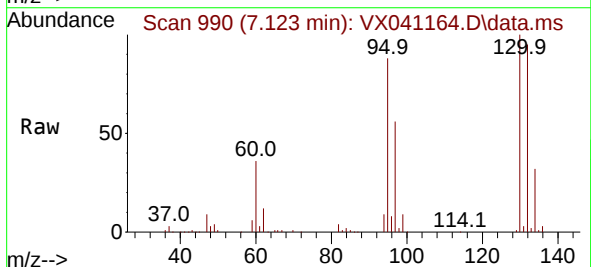
Manual Integrations
APPROVED

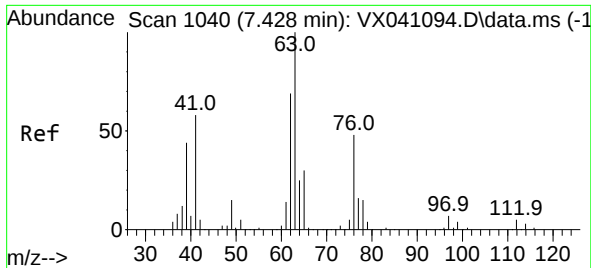
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#44
Trichloroethene
Concen: 46.547 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion:130 Resp: 114396
Ion Ratio Lower Upper
130 100
95 88.3 0.0 204.4





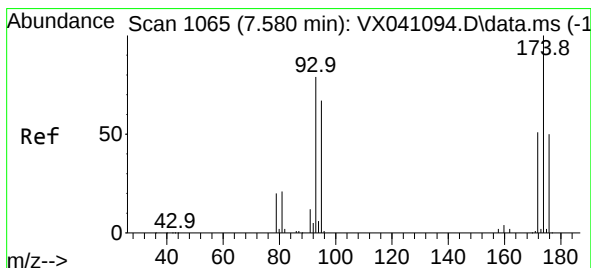
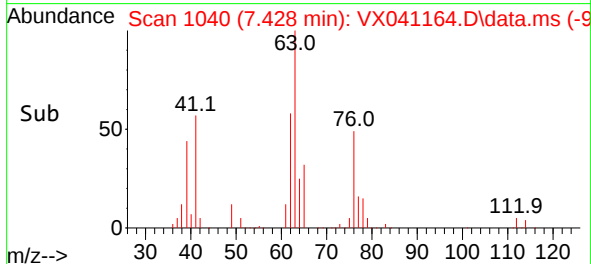
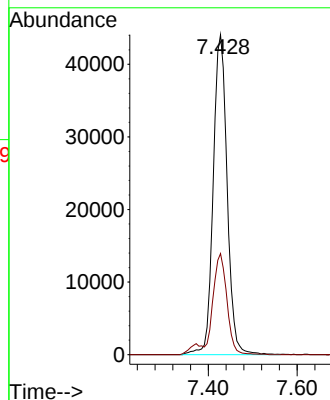
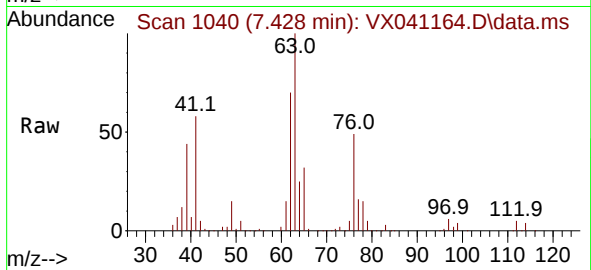
#45
1,2-Dichloropropane
Concen: 48.846 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 9597
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5

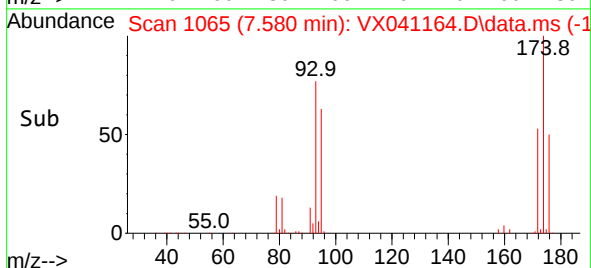
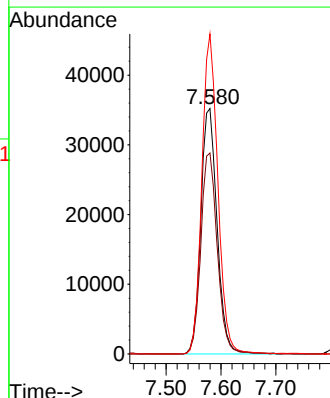
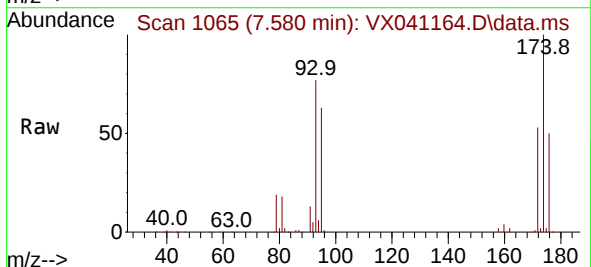
Manual Integrations
APPROVED

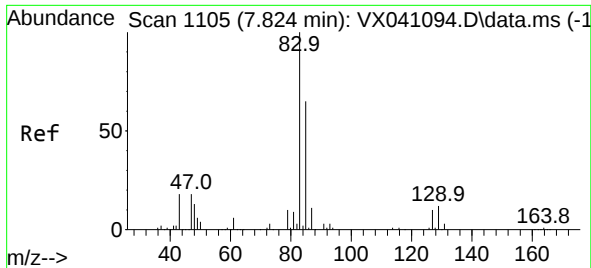
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#46
Dibromomethane
Concen: 46.957 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 93 Resp: 72541
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 128.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 46.708 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

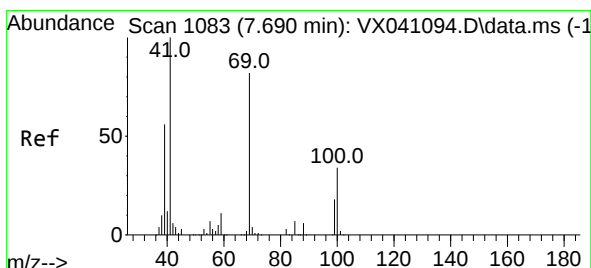
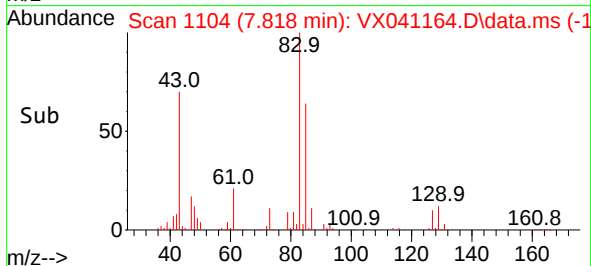
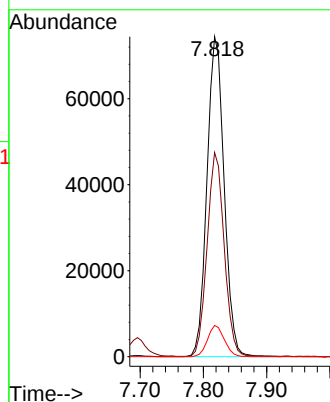
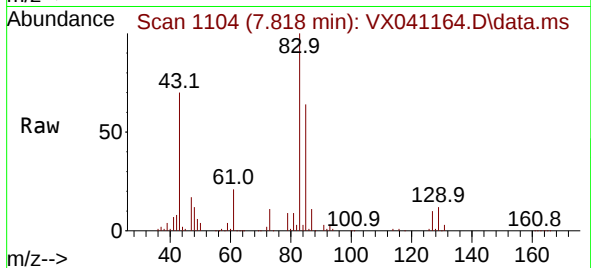
Tgt Ion: 83 Resp: 14045
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations

APPROVED

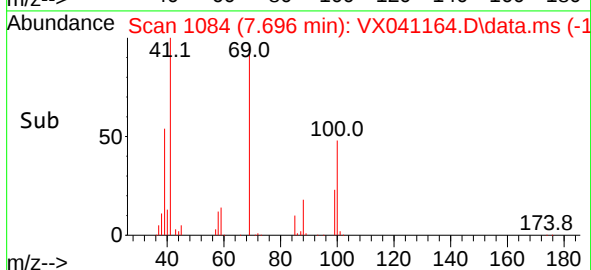
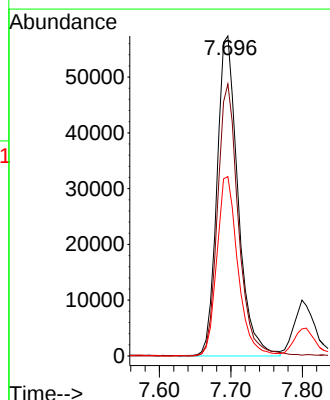
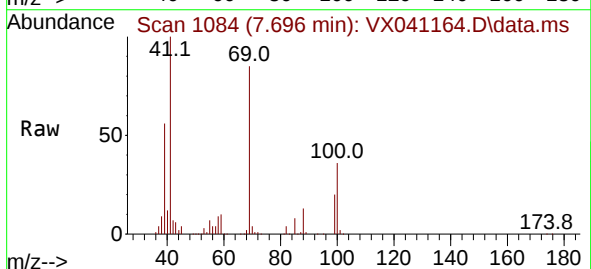
Reviewed By :John Carlone 04/19/2024

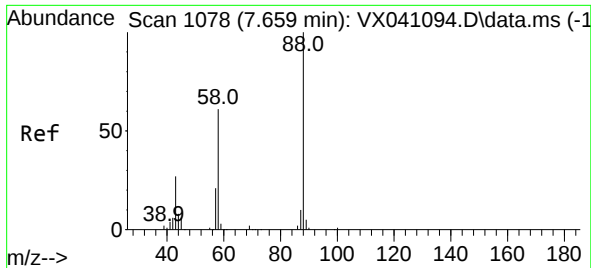
Supervised By :Mahesh Dadoda 04/19/2024



#48
Methyl methacrylate
Concen: 50.091 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

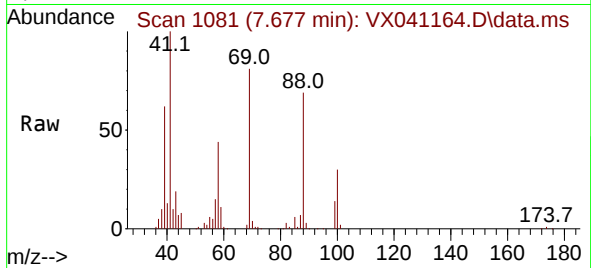
Tgt Ion: 41 Resp: 117533
Ion Ratio Lower Upper
41 100
69 83.8 59.2 88.8
39 56.1 47.7 71.5





#49
1,4-Dioxane
Concen: 892.592 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

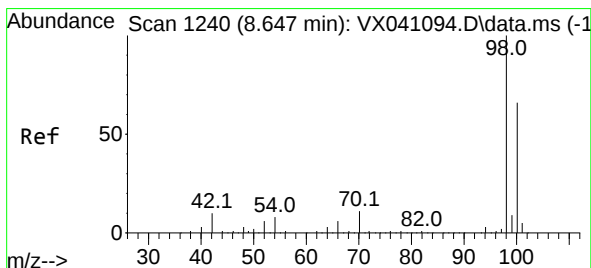
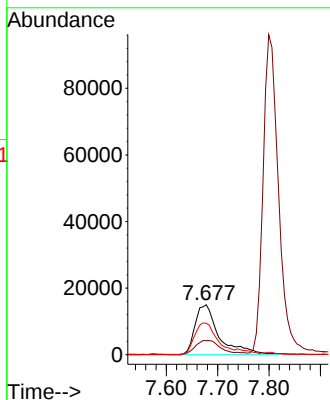
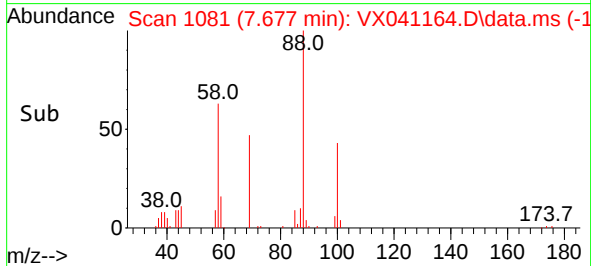
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 48940
Ion Ratio Lower Upper
88 100
43 29.9 0.0 0.0
58 65.6 60.1 90.1

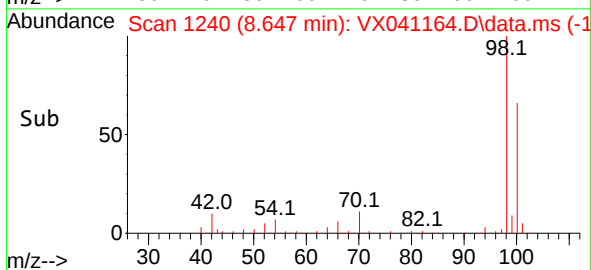
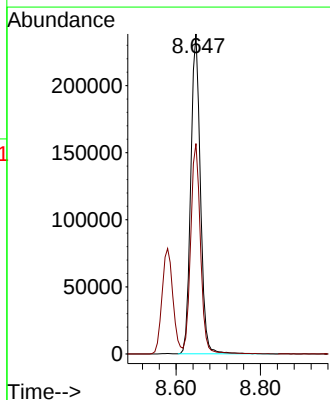
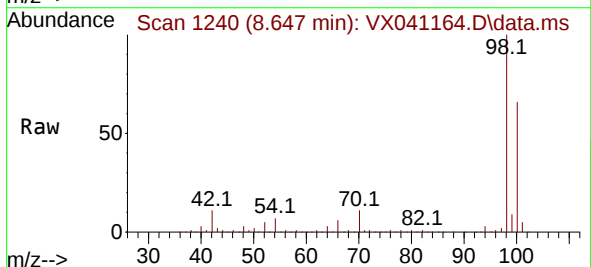
Manual Integrations
APPROVED

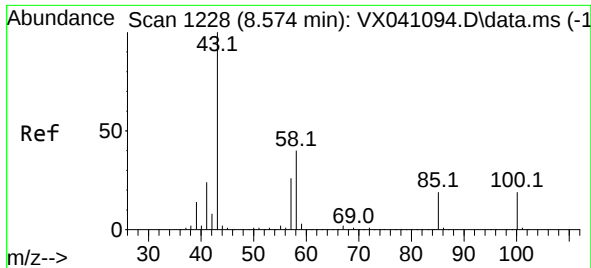
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#50
Toluene-d8
Concen: 50.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 98 Resp: 379060
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





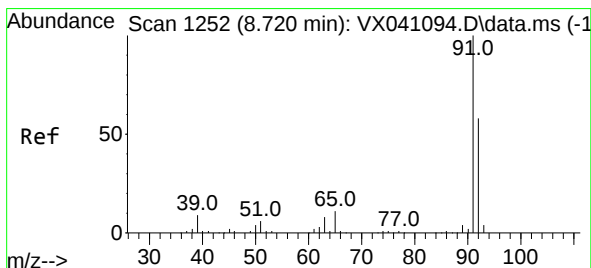
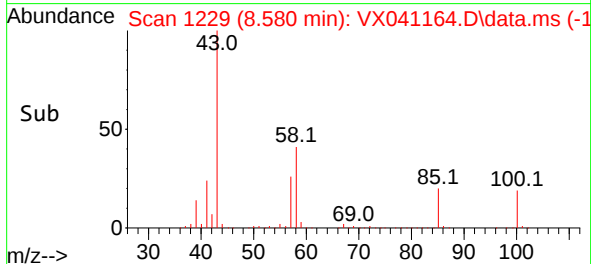
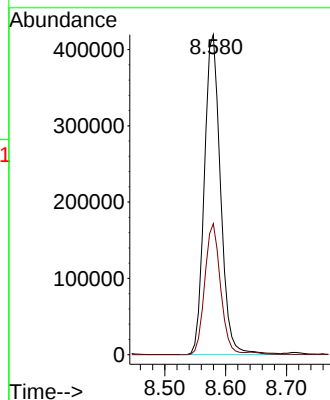
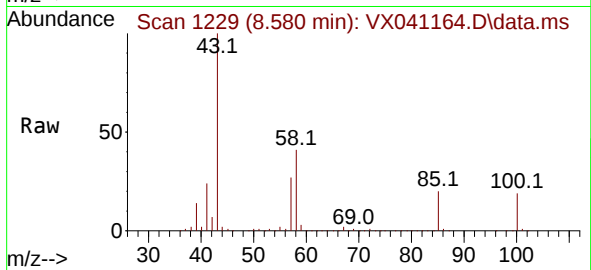
#51
4-Methyl-2-Pentanone
Concen: 237.404 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 775259
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

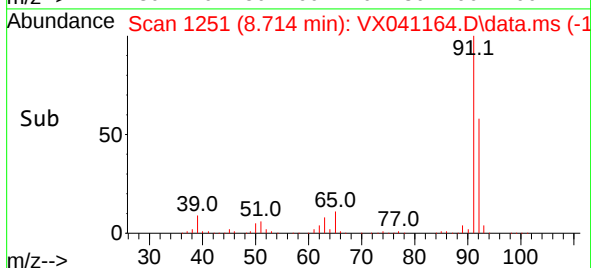
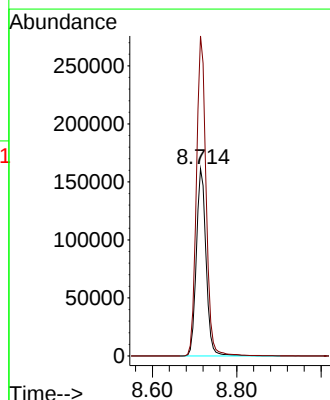
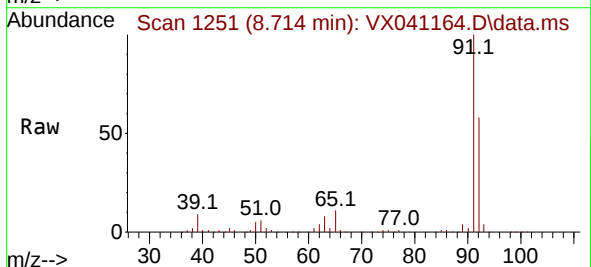
Manual Integrations
APPROVED

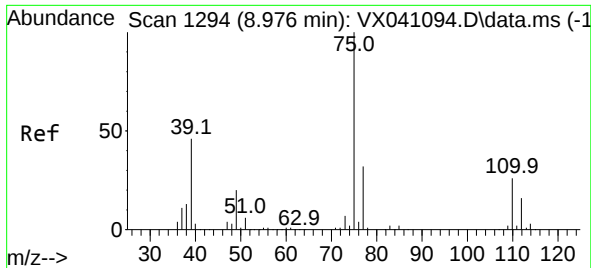
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#52
Toluene
Concen: 47.940 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 92 Resp: 258951
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.909 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 141062

Ion Ratio Lower Upper

75 100

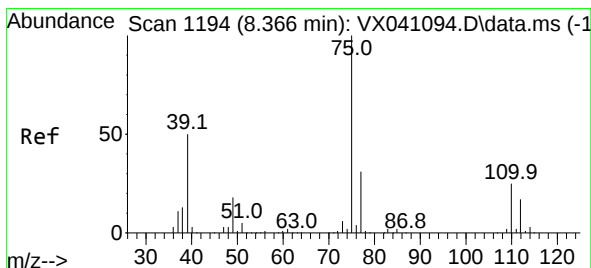
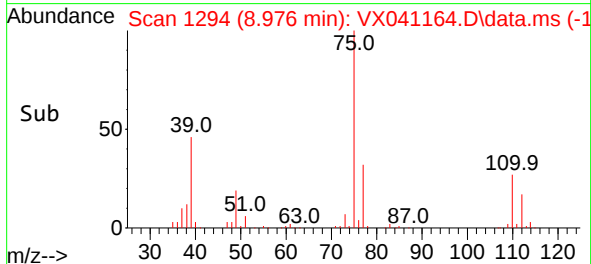
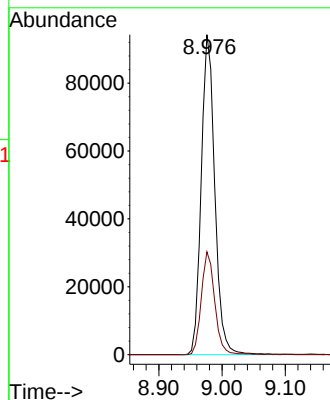
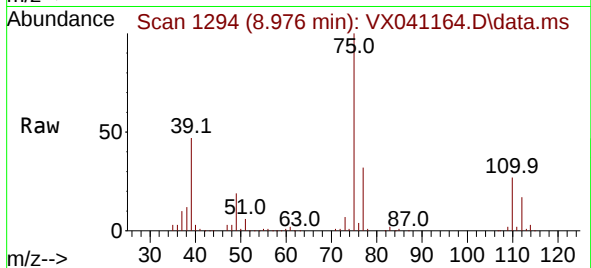
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#54

cis-1,3-Dichloropropene

Concen: 49.214 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

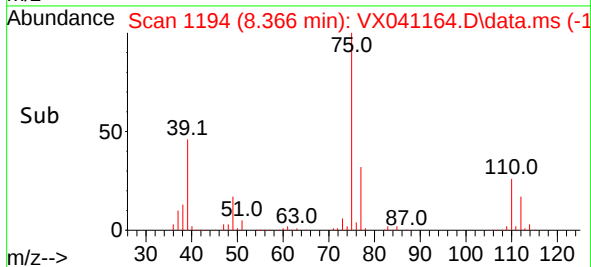
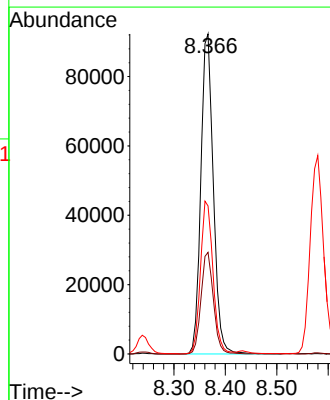
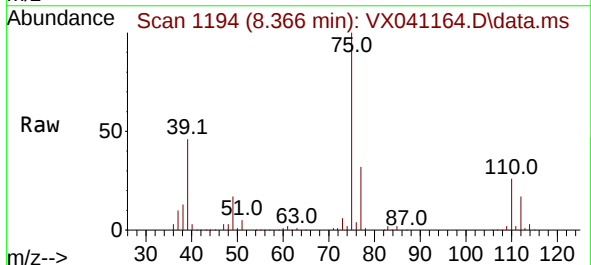
Tgt Ion: 75 Resp: 155940

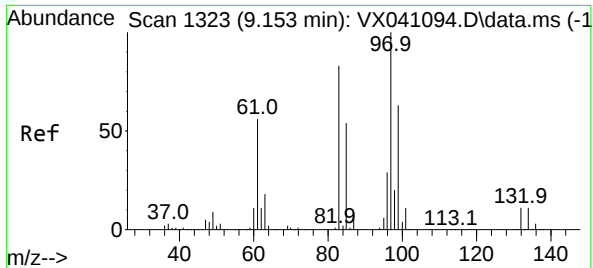
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

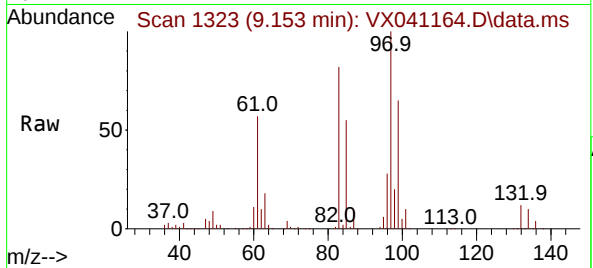
39 46.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 48.924 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

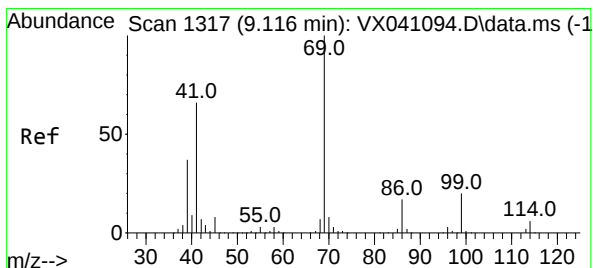
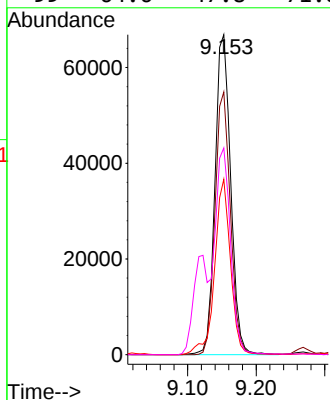
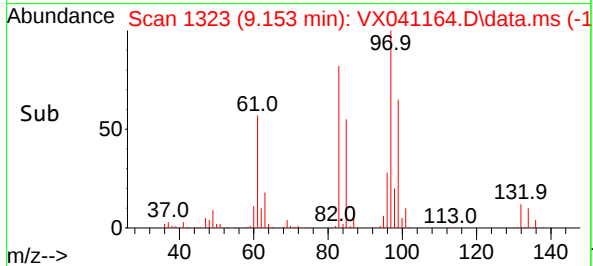
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



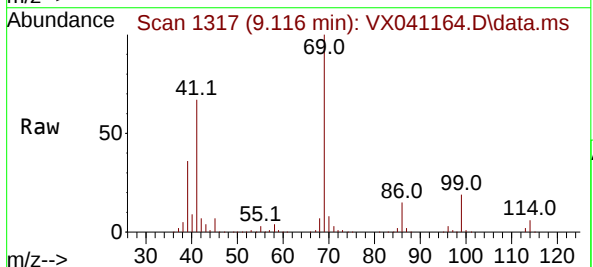
Tgt Ion: 97 Resp: 106104
Ion Ratio Lower Upper
97 100
83 82.1 65.8 98.8
85 54.8 41.6 62.4
99 64.6 47.8 71.8

Manual Integrations
APPROVED

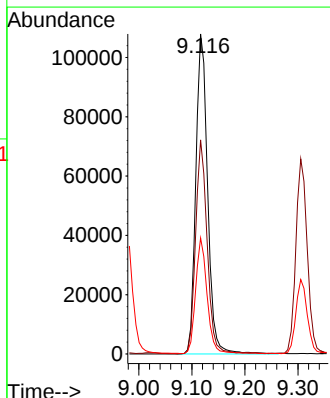
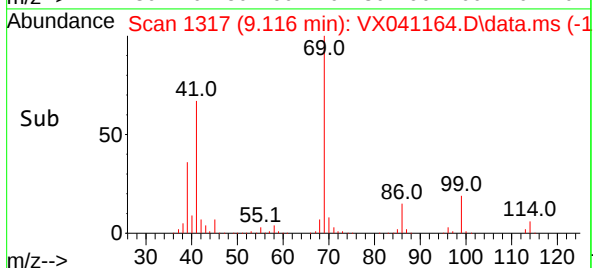
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

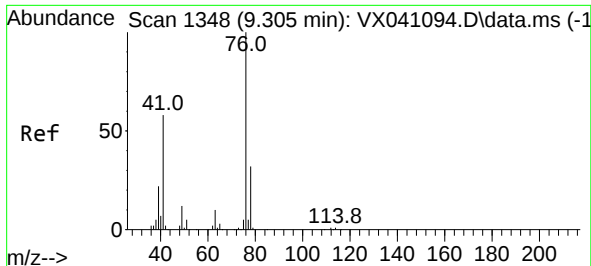


#56
Ethyl methacrylate
Concen: 47.758 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29



Tgt Ion: 69 Resp: 167326
Ion Ratio Lower Upper
69 100
41 65.5 56.8 85.2
39 35.2 32.0 48.0





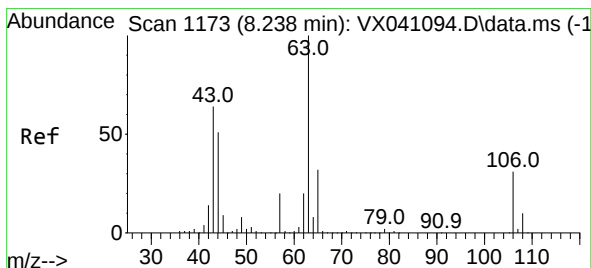
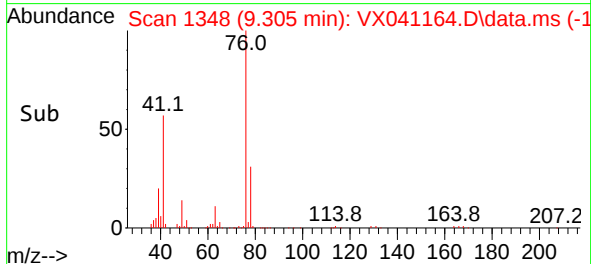
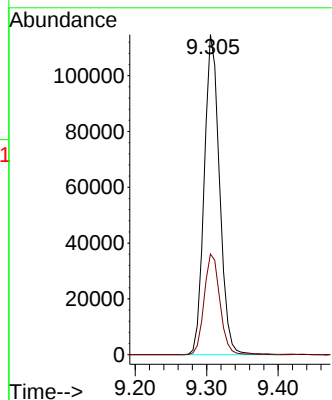
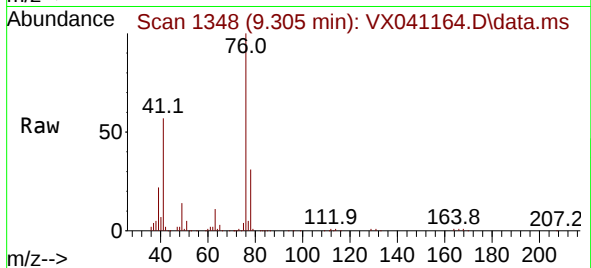
#57
1,3-Dichloropropane
Concen: 48.309 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 17072
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

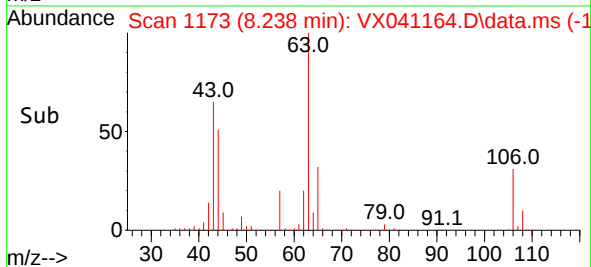
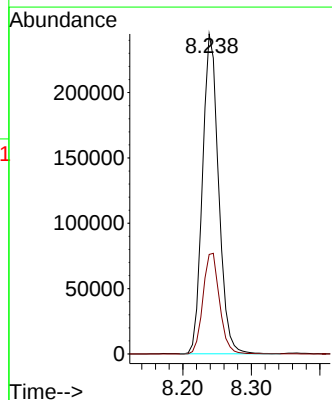
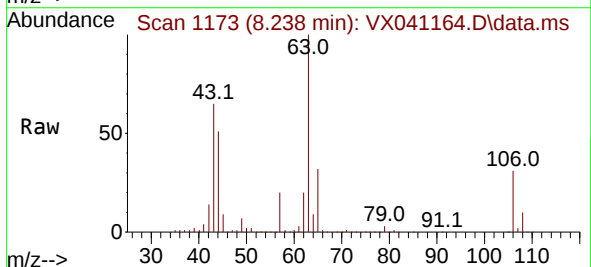
Manual Integrations
APPROVED

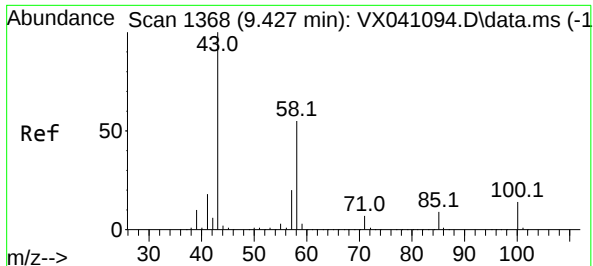
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 262.293 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

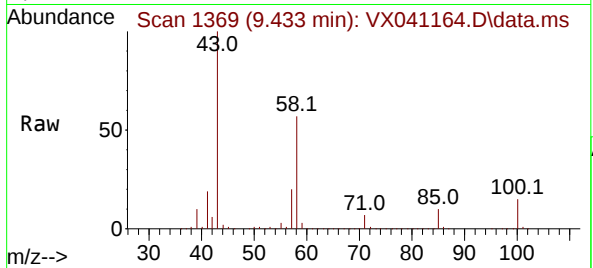
Tgt Ion: 63 Resp: 400067
Ion Ratio Lower Upper
63 100
106 32.5 22.5 33.7





#59
2-Hexanone
Concen: 241.391 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

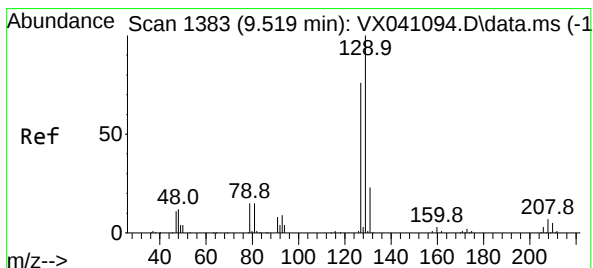
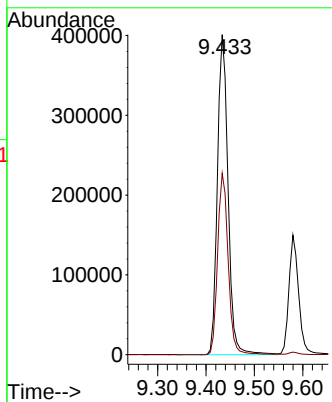
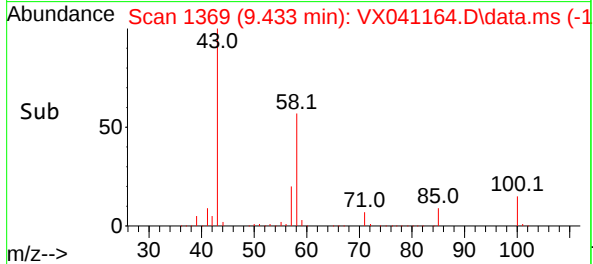
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 609790
Ion Ratio Lower Upper
43 100
58 56.4 26.2 78.5

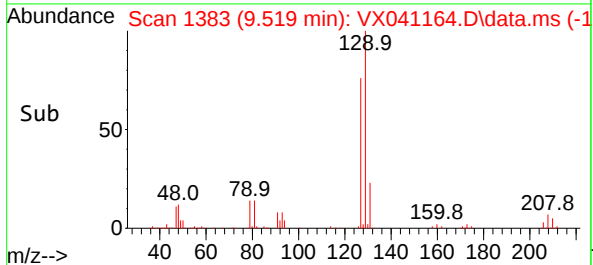
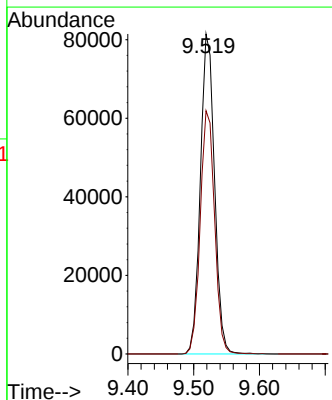
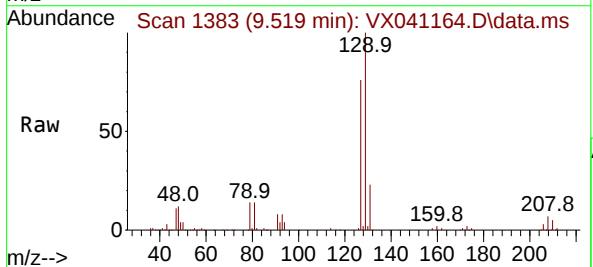
Manual Integrations
APPROVED

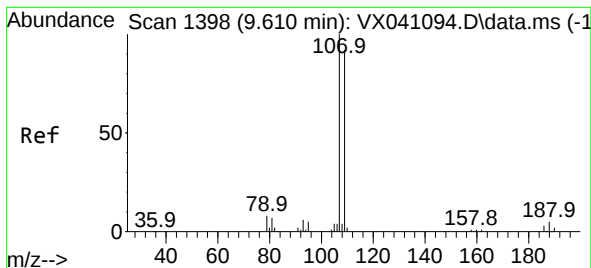
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#60
Dibromochloromethane
Concen: 46.413 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

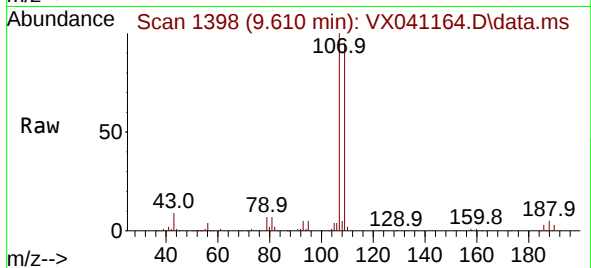
Tgt Ion:129 Resp: 121755
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 46.624 ug/l
RT: 9.610 min Scan# 110454
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

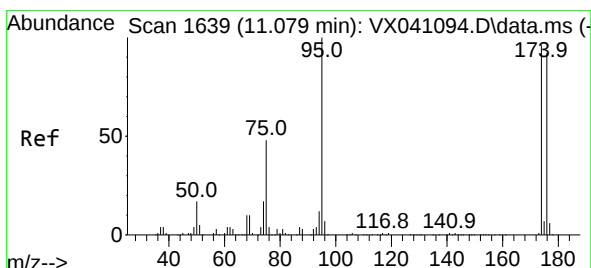
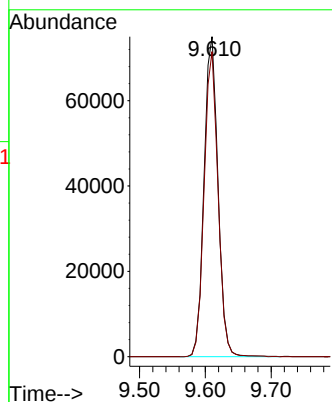
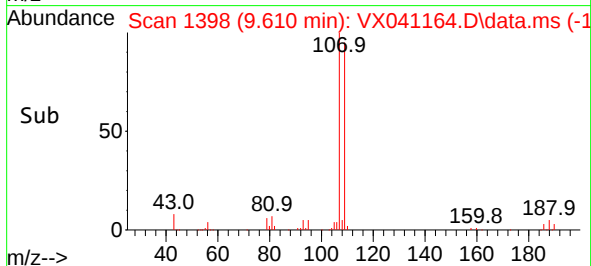
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



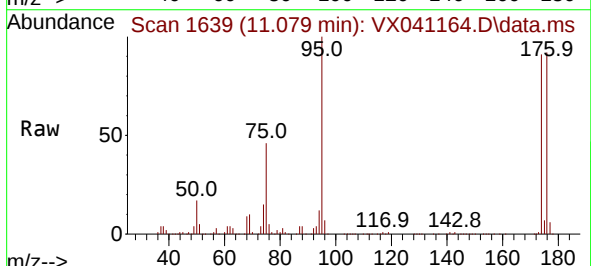
Tgt Ion:107 Resp: 110454
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

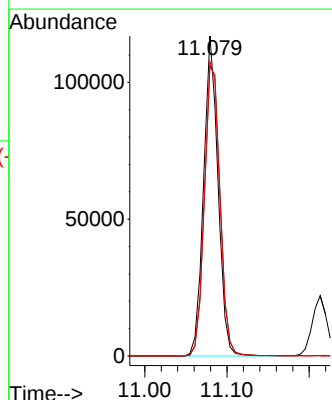
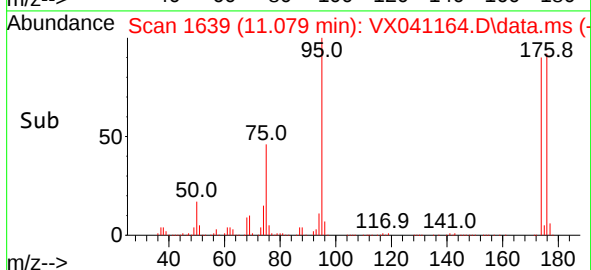
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

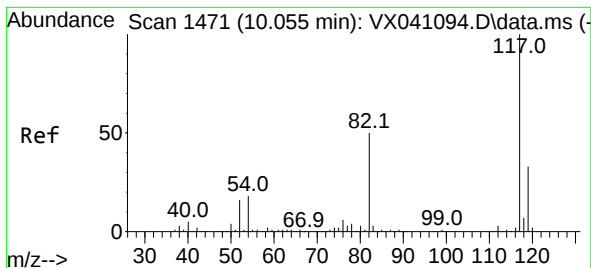


#62
4-Bromofluorobenzene
Concen: 50.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29



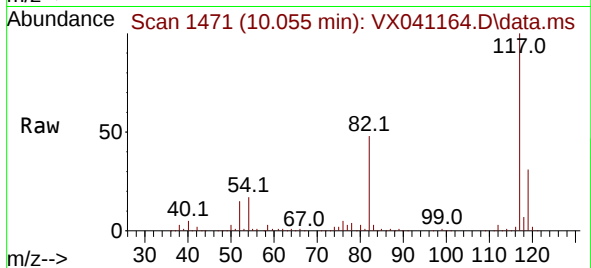
Tgt Ion: 95 Resp: 142528
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 97.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

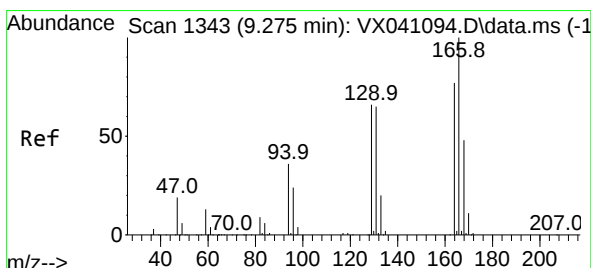
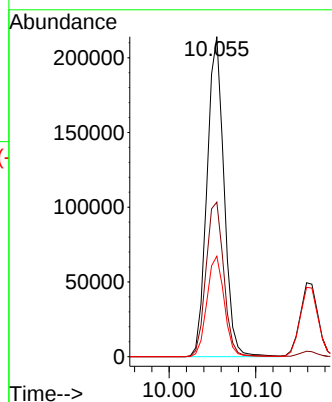
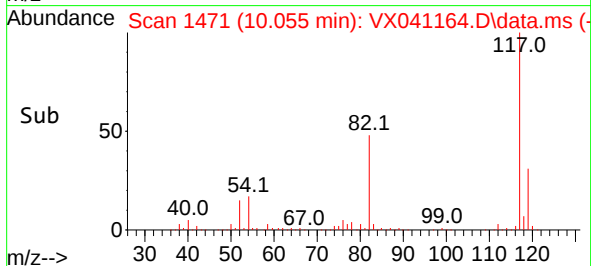
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 292164
Ion Ratio Lower Upper
117 100
82 48.3 46.2 69.4
119 31.4 25.5 38.3

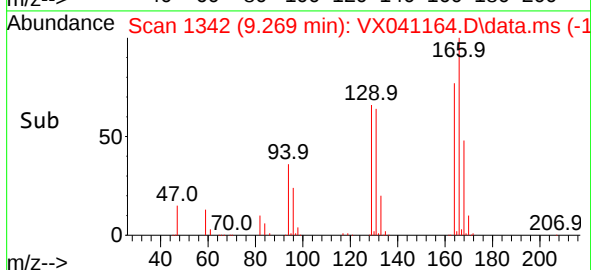
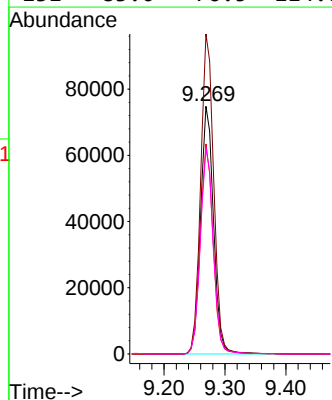
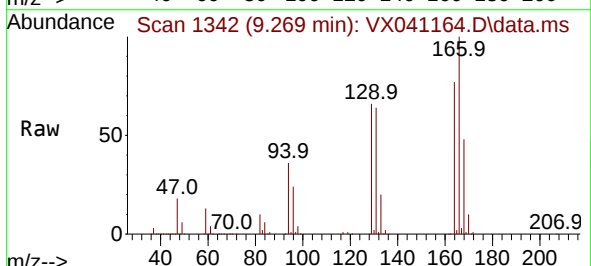
Manual Integrations
APPROVED

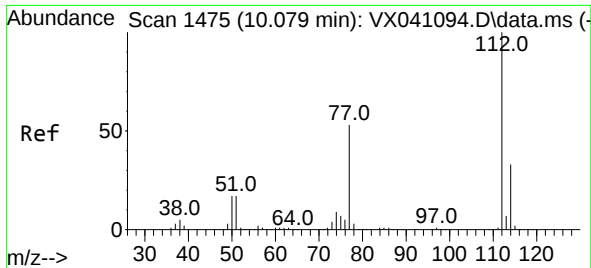
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#64
Tetrachloroethene
Concen: 47.586 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion:164 Resp: 110488
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 84.8 80.4 120.6
131 83.0 76.5 114.7





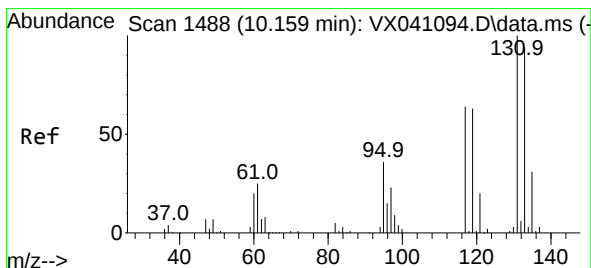
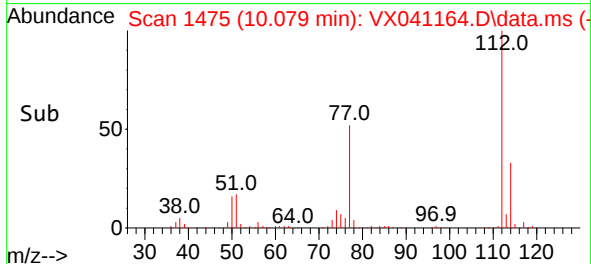
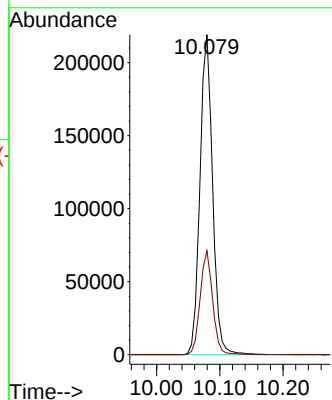
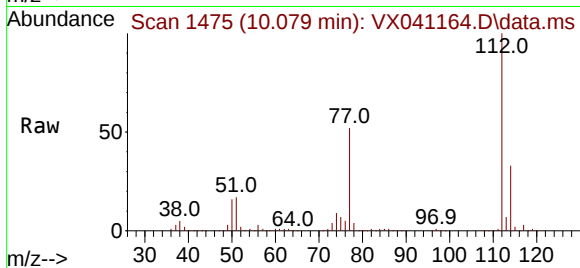
#65
Chlorobenzene
Concen: 47.281 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 304930
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

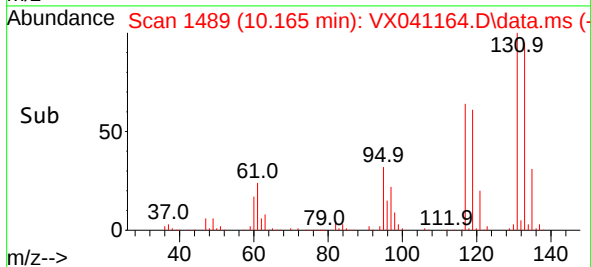
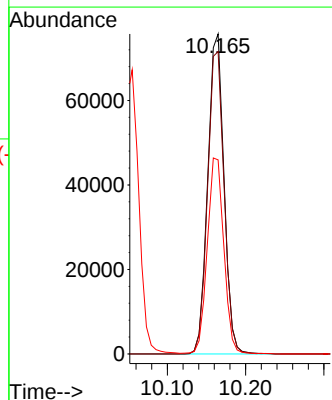
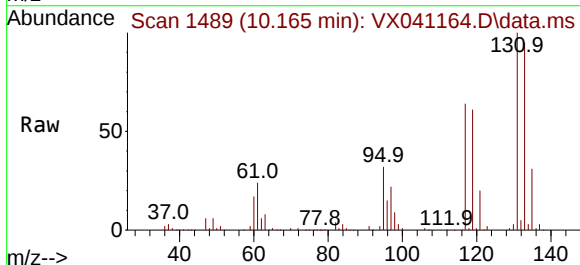
Manual Integrations
APPROVED

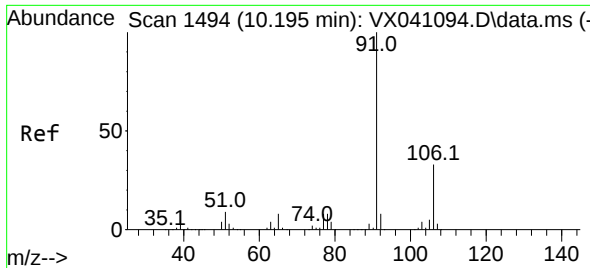
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.320 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

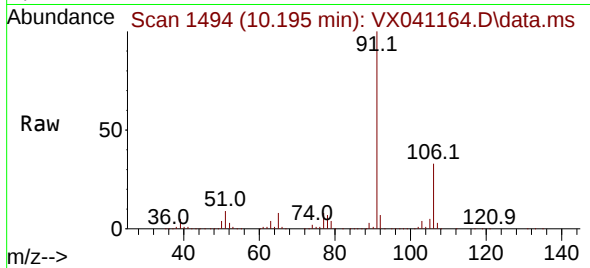
Tgt Ion:131 Resp: 108814
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 62.2 32.2 96.6





#67
Ethyl Benzene
Concen: 49.694 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

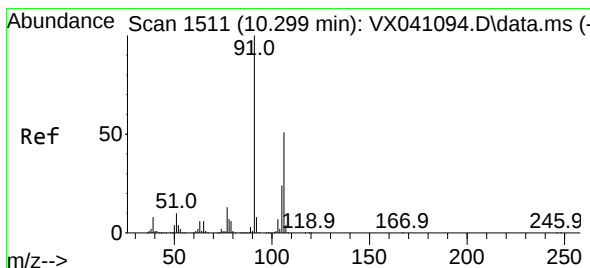
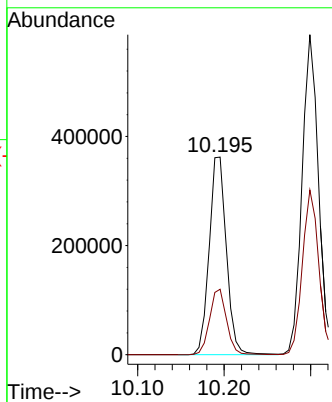
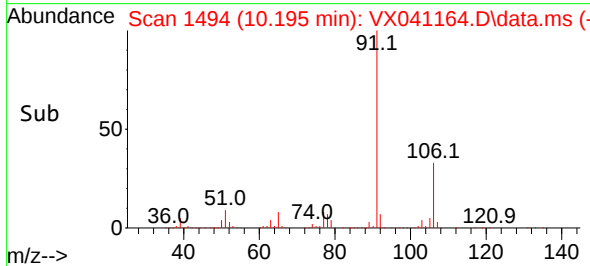
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



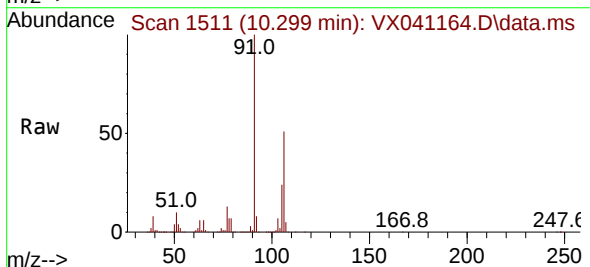
Tgt Ion: 91 Resp: 500115
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

Manual Integrations
APPROVED

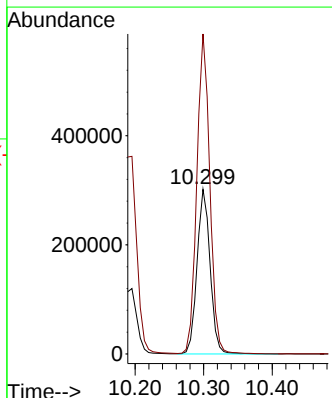
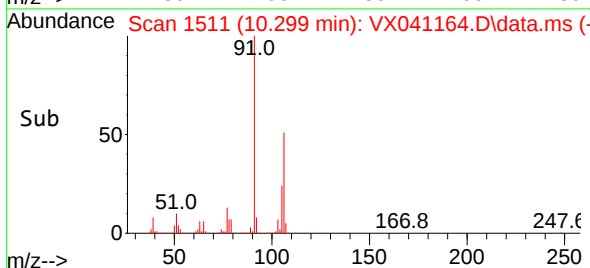
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

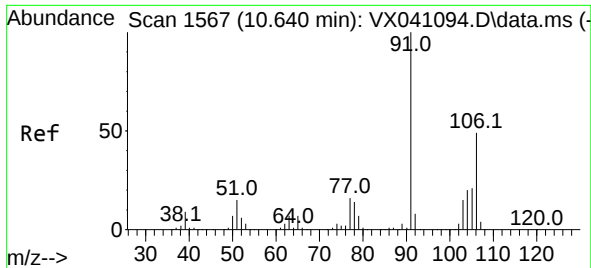


#68
m/p-Xylenes
Concen: 99.881 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29



Tgt Ion:106 Resp: 399821
Ion Ratio Lower Upper
106 100
91 193.5 165.5 248.3





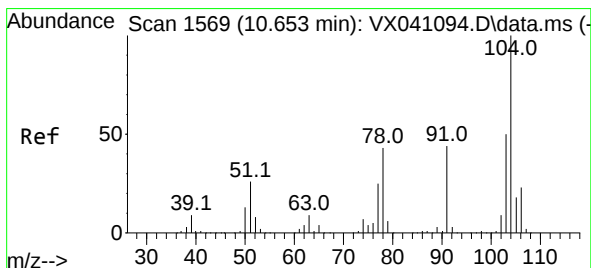
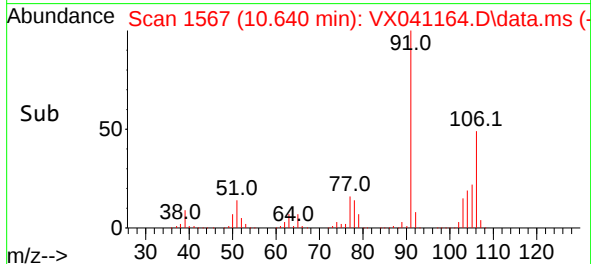
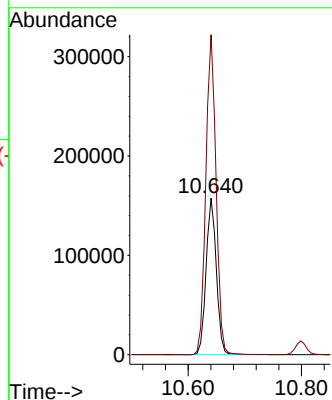
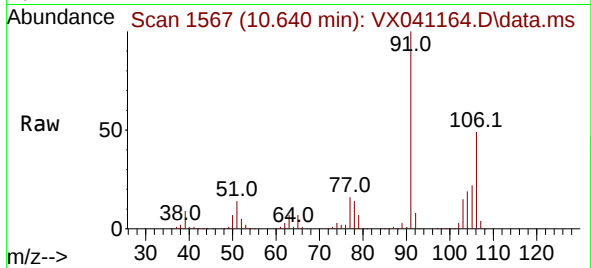
#69
o-Xylene
Concen: 50.834 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 19808
Ion Ratio Lower Upper
106 100
91 203.8 108.9 326.8

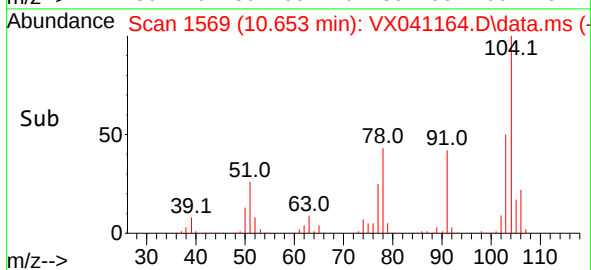
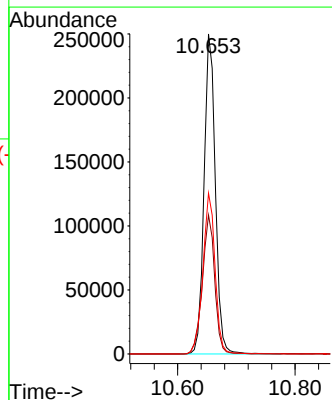
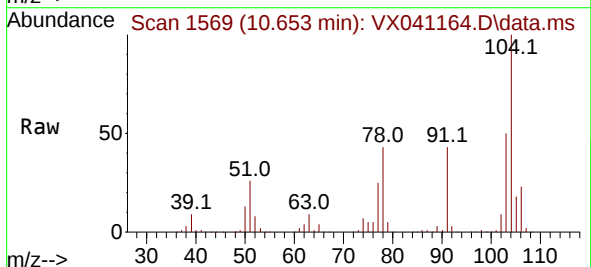
Manual Integrations
APPROVED

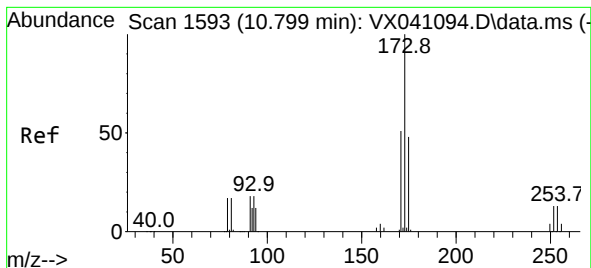
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#70
Styrene
Concen: 50.474 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion:104 Resp: 333964
Ion Ratio Lower Upper
104 100
78 47.6 43.6 65.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 47.675 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

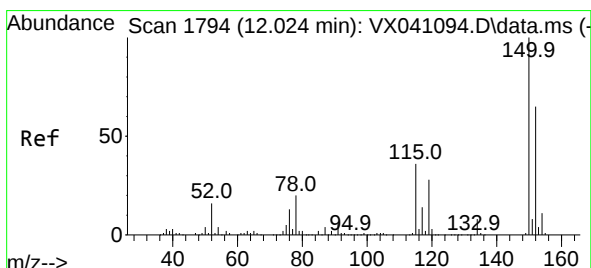
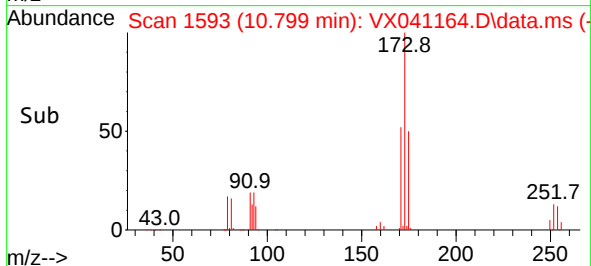
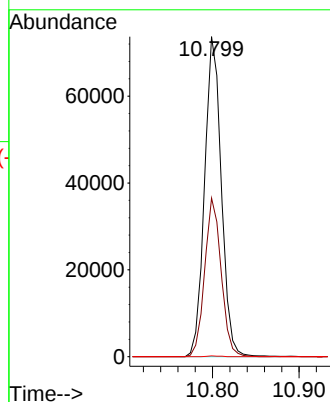
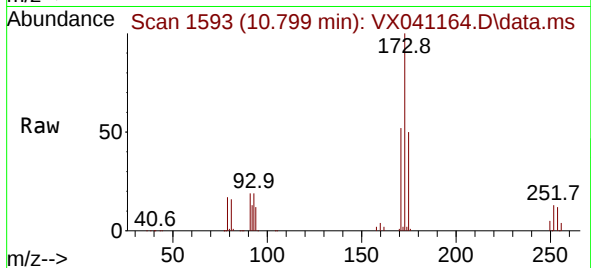
Tgt Ion:173	Resp:	9907
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.1 72.4
254	0.2	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

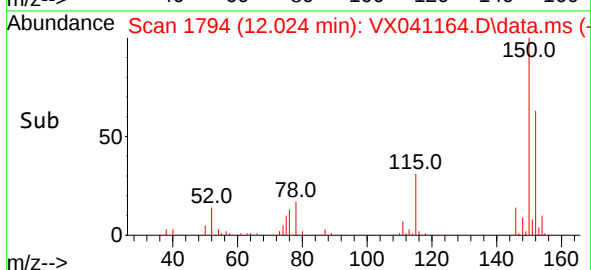
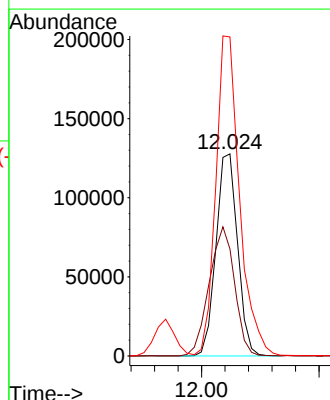
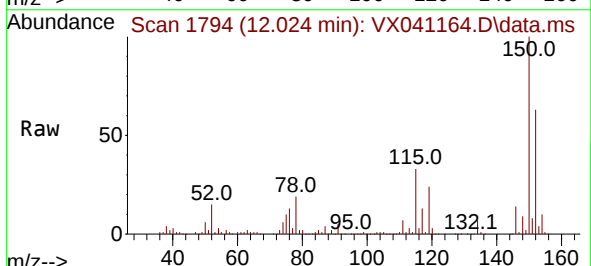
RT: 12.024 min Scan# 1794

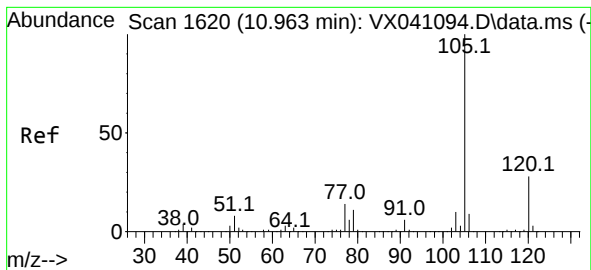
Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion:152	Resp:	163282
Ion Ratio	Lower	Upper
152	100	
115	75.2	43.3 129.9
150	173.9	0.0 345.0





#73

Isopropylbenzene

Concen: 53.719 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 51740

Ion Ratio Lower Upper

105 100

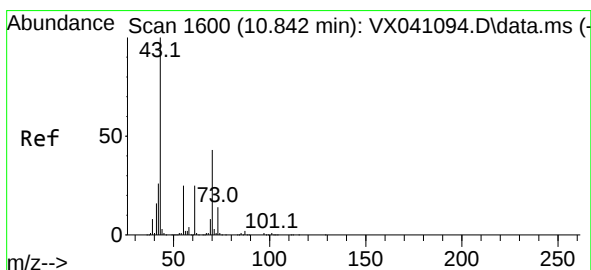
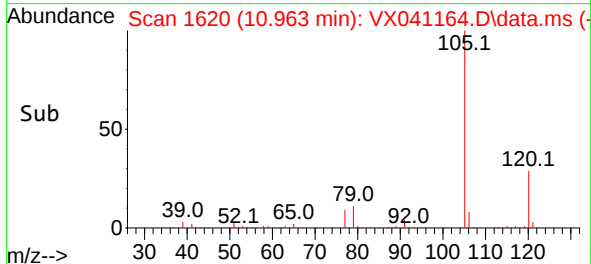
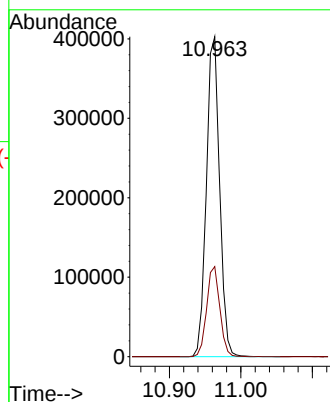
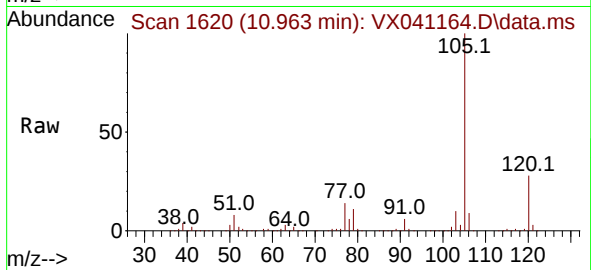
120 28.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#74

N-ethyl acetate

Concen: 56.439 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion: 43 Resp: 215641

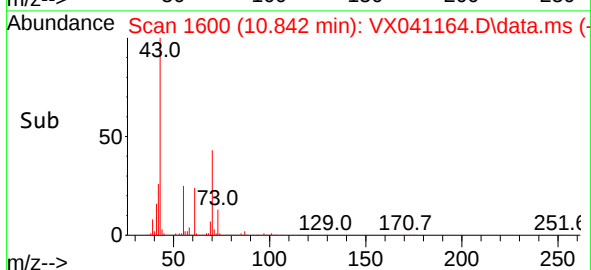
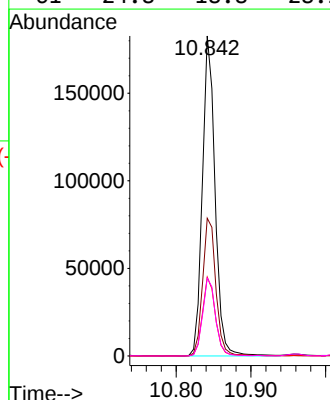
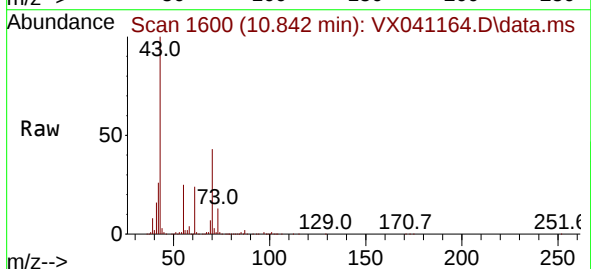
Ion Ratio Lower Upper

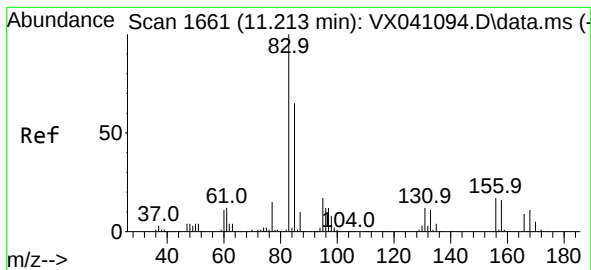
43 100

70 45.1 32.9 49.3

55 25.2 19.3 28.9

61 24.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.570 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

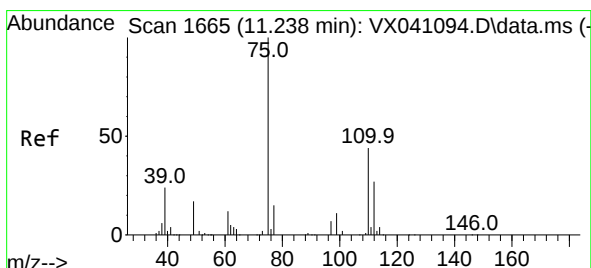
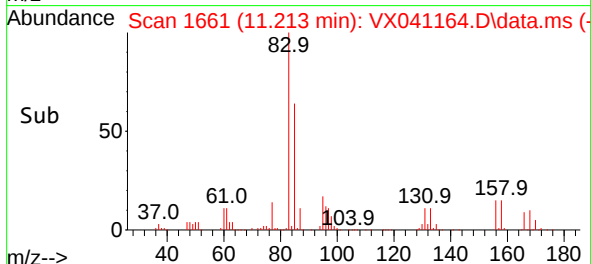
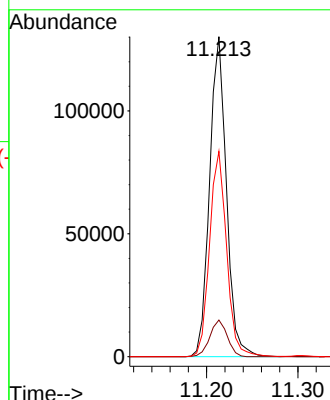
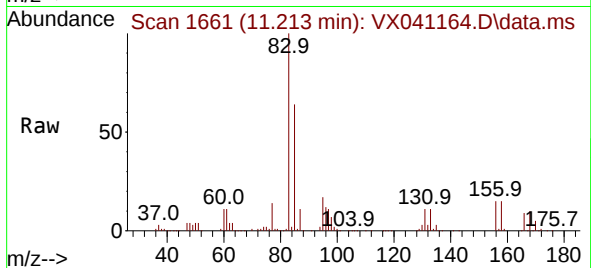
Tgt Ion: 83 Resp: 16614
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.3 15.8
 85 65.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#76

1,2,3-Trichloropropane

Concen: 49.947 ug/l m

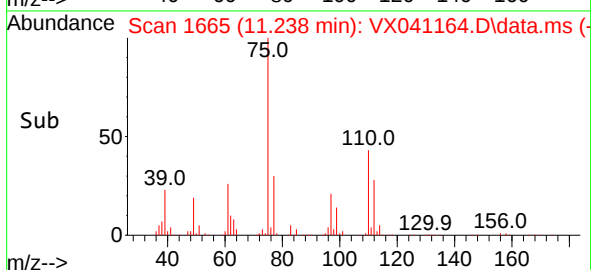
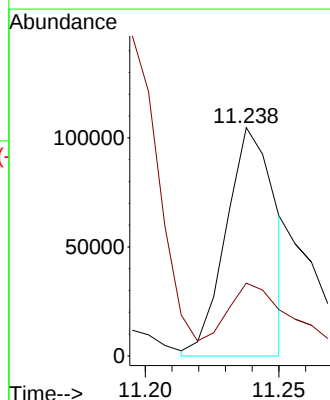
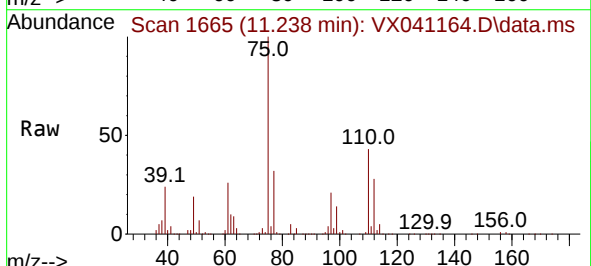
RT: 11.238 min Scan# 1665

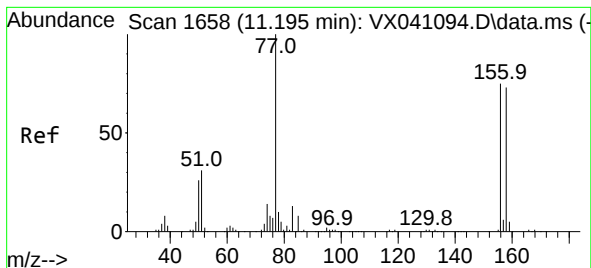
Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion: 75 Resp: 132904
 Ion Ratio Lower Upper
 75 100
 77 44.1 19.1 57.5





#77

Bromobenzene

Concen: 51.854 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

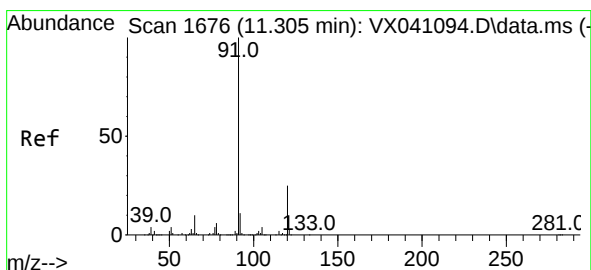
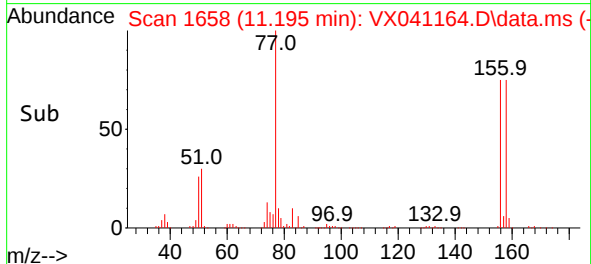
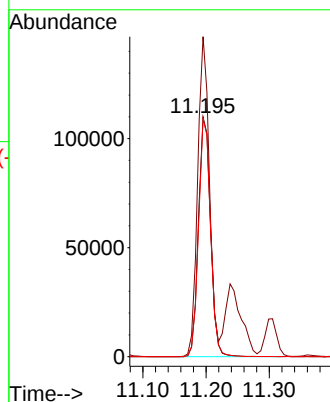
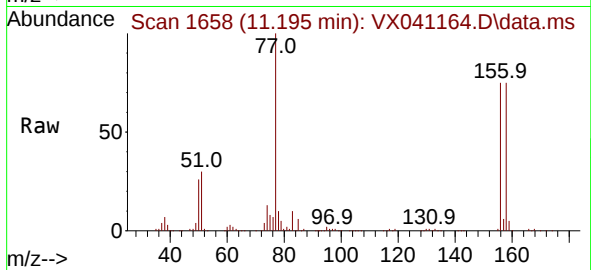
Tgt Ion:	156	Resp:	14662
Ion Ratio	Lower	Upper	
156	100		
77	129.2	88.4	265.3
158	98.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#78

n-propylbenzene

Concen: 53.344 ug/l

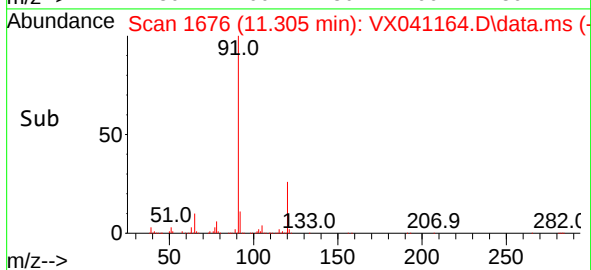
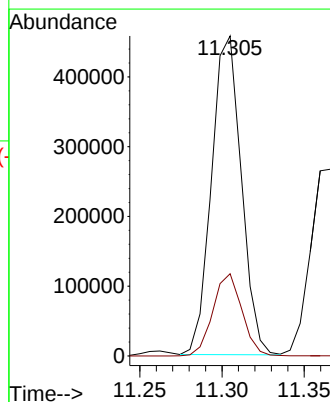
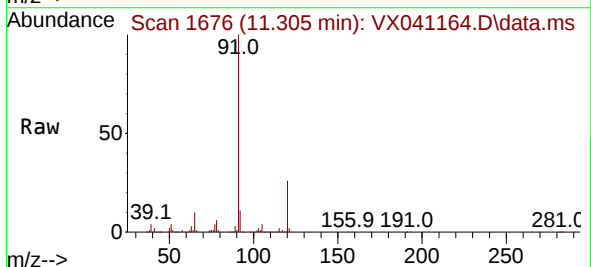
RT: 11.305 min Scan# 1676

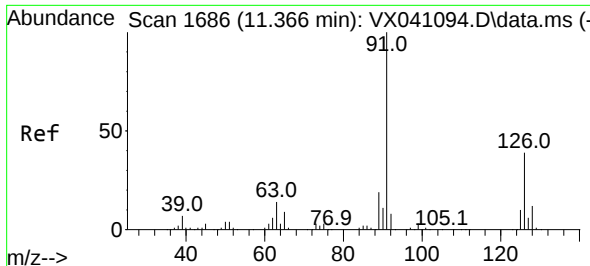
Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

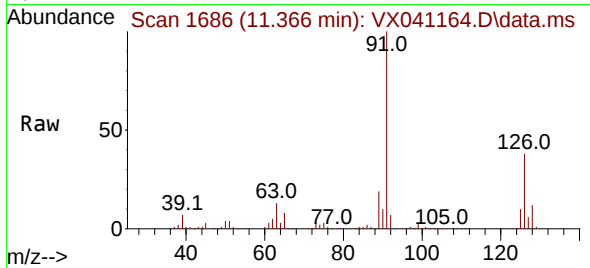
Tgt Ion:	91	Resp:	576169
Ion Ratio	Lower	Upper	
91	100		
120	25.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 52.689 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

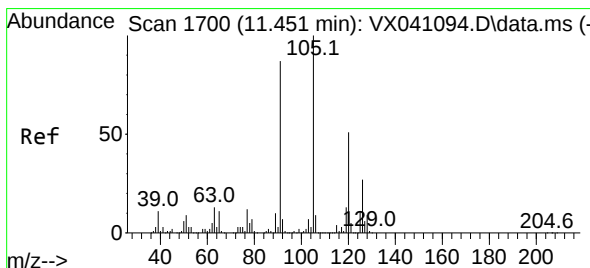
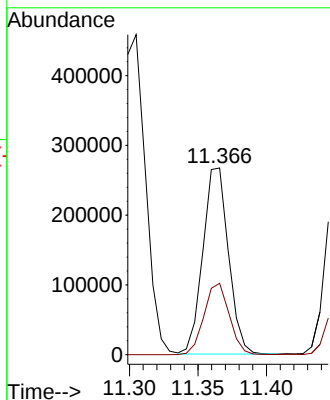
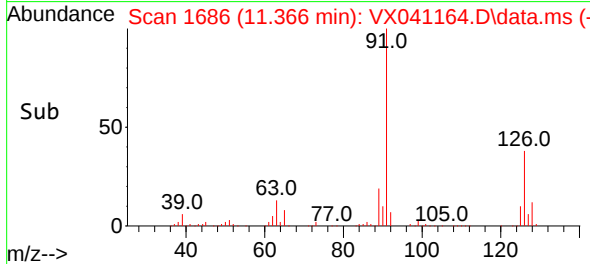
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



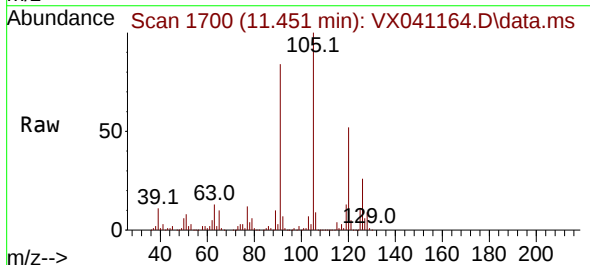
Tgt Ion: 91 Resp: 346925
Ion Ratio Lower Upper
91 100
126 37.8 16.3 48.8

Manual Integrations
APPROVED

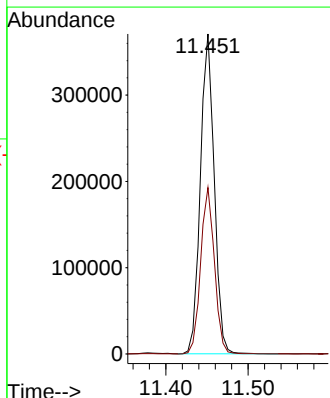
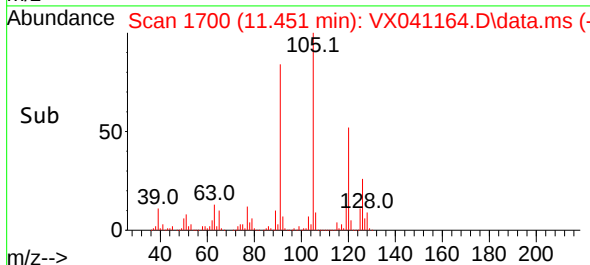
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

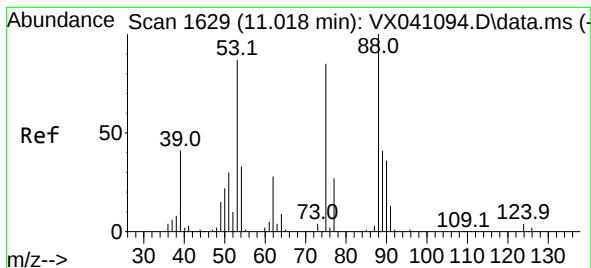


#80
1,3,5-Trimethylbenzene
Concen: 54.311 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29



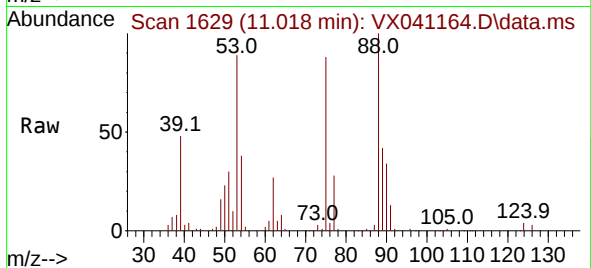
Tgt Ion:105 Resp: 435744
Ion Ratio Lower Upper
105 100
120 51.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.594 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

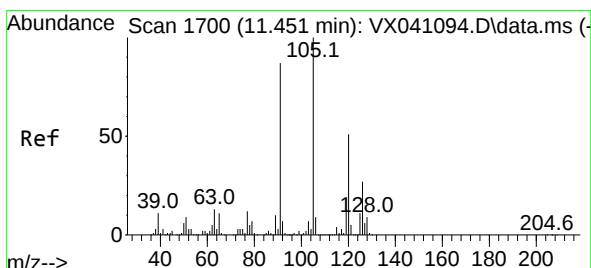
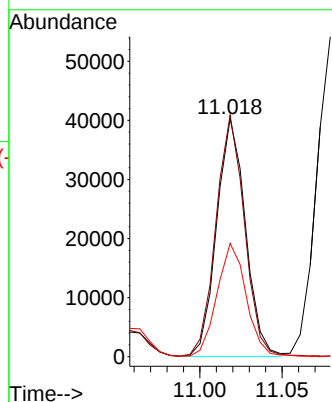
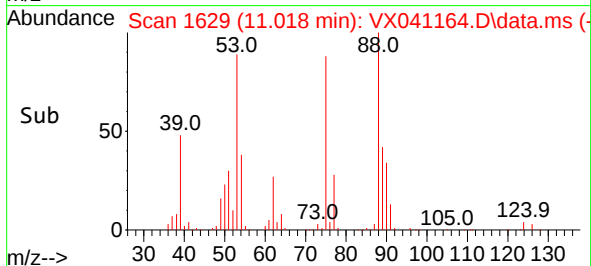
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48850
Ion Ratio Lower Upper
75 100
53 100.5 90.5 135.7
89 48.7 36.9 55.3

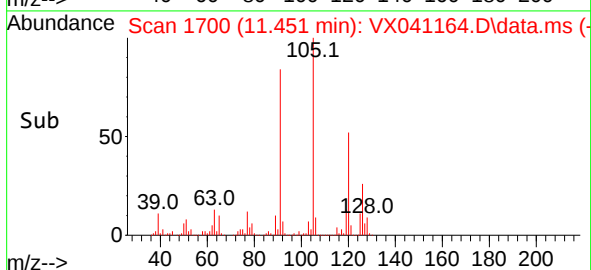
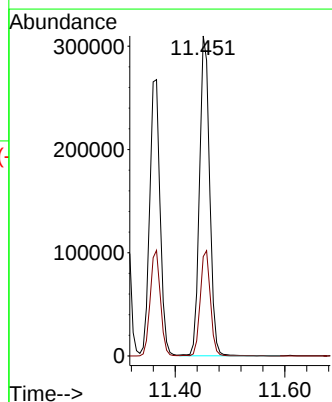
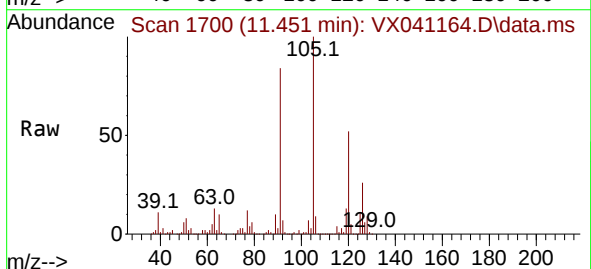
Manual Integrations
APPROVED

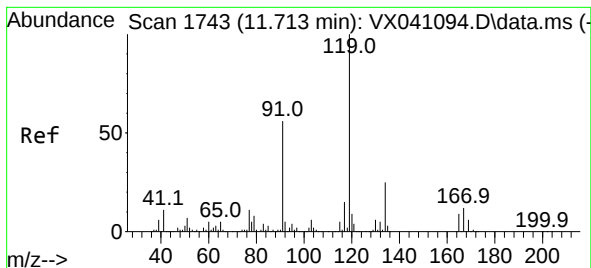
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#82
4-Chlorotoluene
Concen: 52.000 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 91 Resp: 398658
Ion Ratio Lower Upper
91 100
126 32.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.971 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

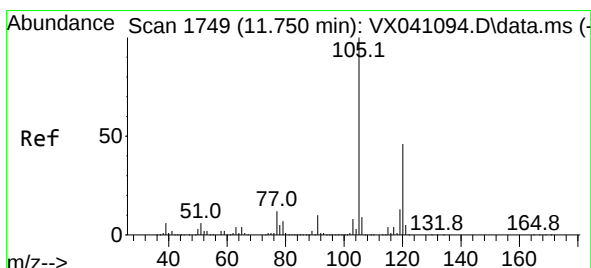
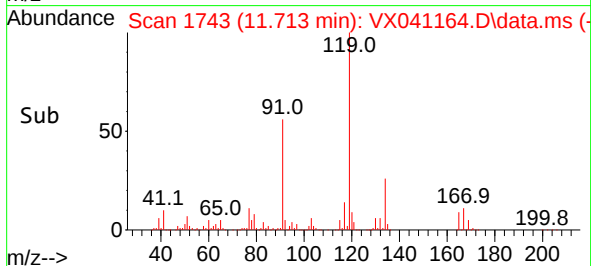
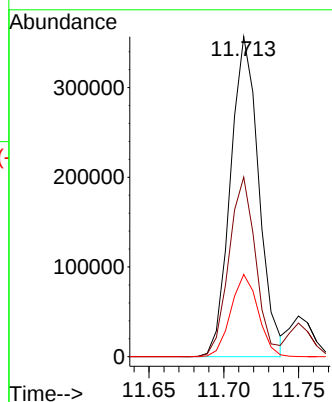
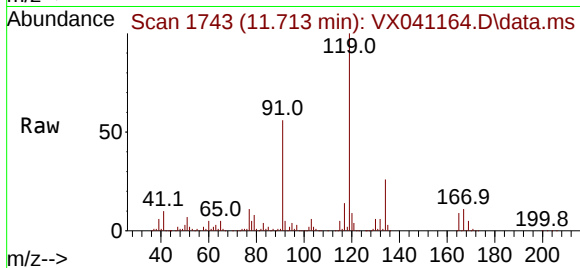
Tgt Ion:	119	Resp:	470374
Ion Ratio	Lower	Upper	
119	100		
91	53.3	31.2	93.6
134	24.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#84

1,2,4-Trimethylbenzene

Concen: 54.620 ug/l

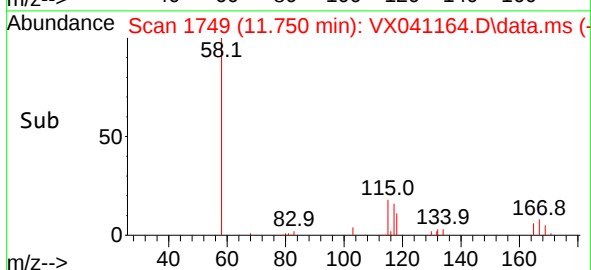
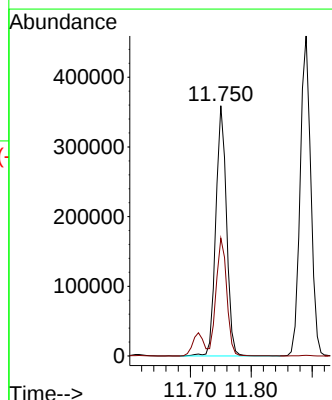
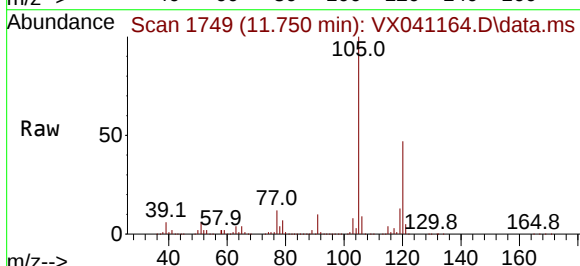
RT: 11.750 min Scan# 1749

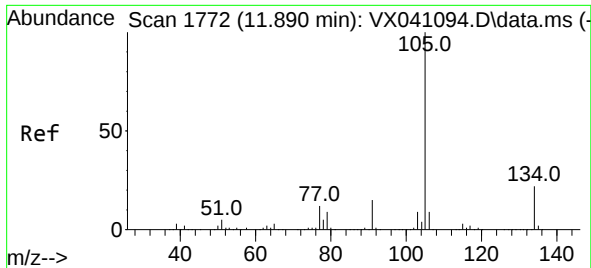
Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

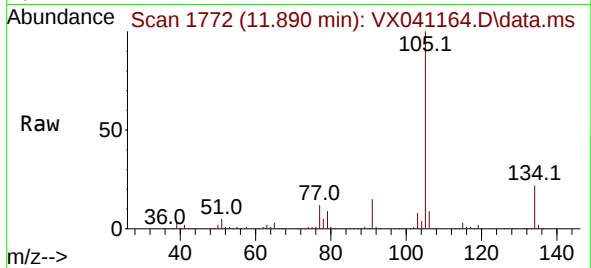
Tgt Ion:	105	Resp:	437346
Ion Ratio	Lower	Upper	
105	100		
120	47.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 54.218 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041164.D
 Acq: 18 Apr 2024 15:29

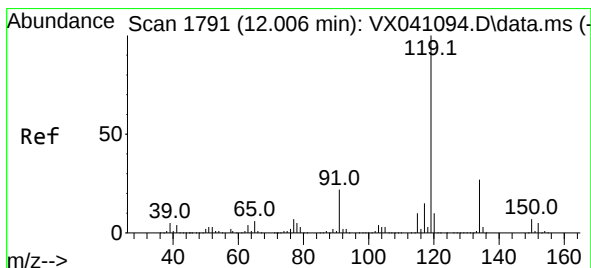
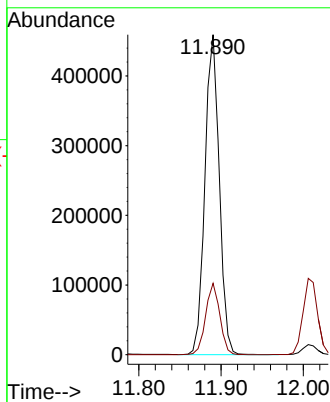
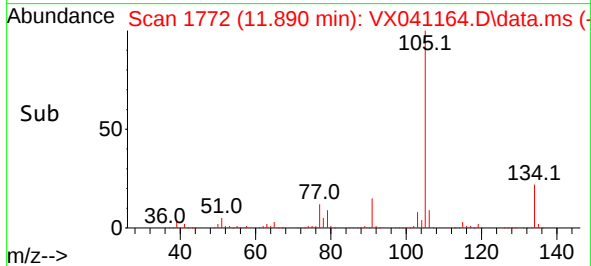
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



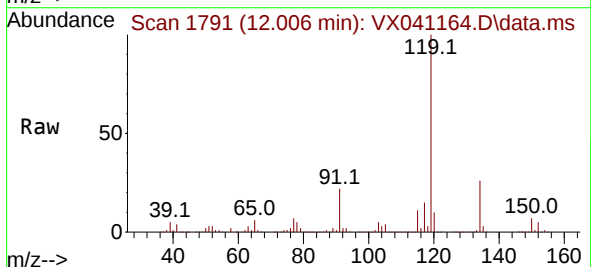
Tgt Ion:105 Resp: 556674
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.8 29.4

Manual Integrations
 APPROVED

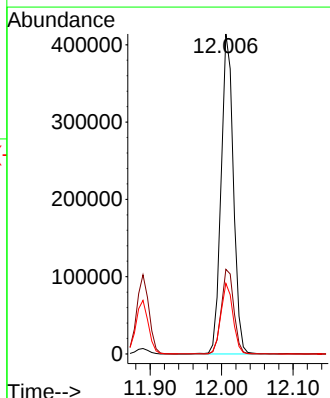
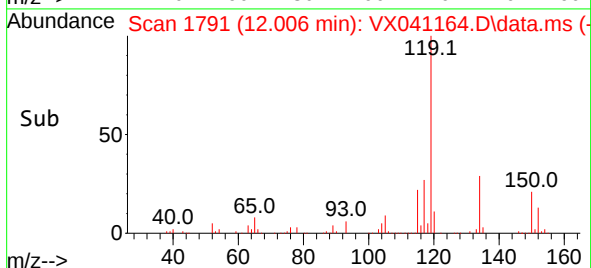
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

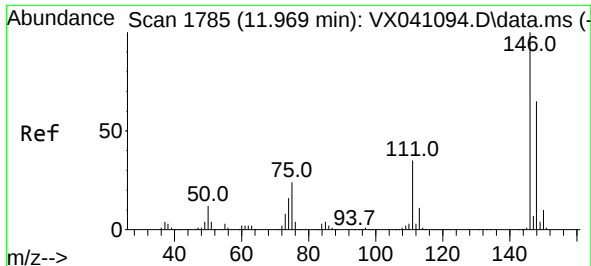


#86
 p-Isopropyltoluene
 Concen: 54.314 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041164.D
 Acq: 18 Apr 2024 15:29



Tgt Ion:119 Resp: 494912
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 21.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.154 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 267530

Ion Ratio Lower Upper

146 100

111 36.9 22.1 66.1

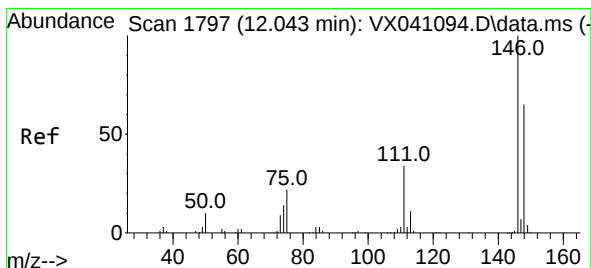
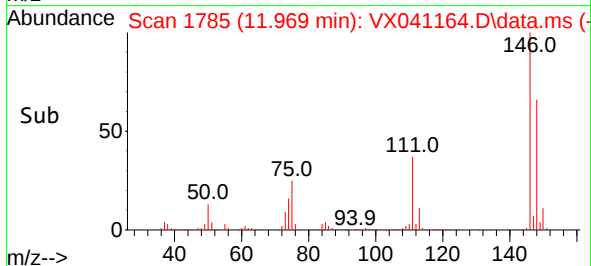
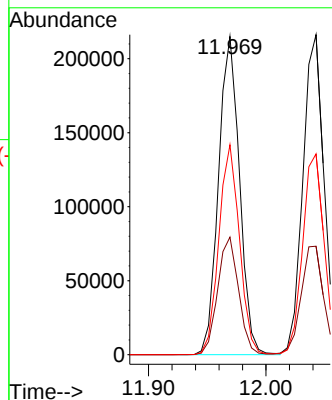
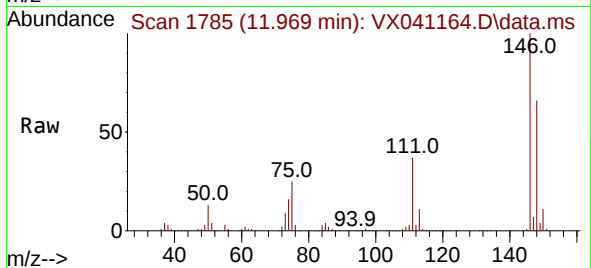
148 64.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#88

1,4-Dichlorobenzene

Concen: 48.062 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

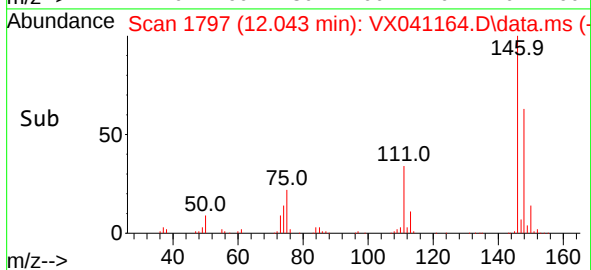
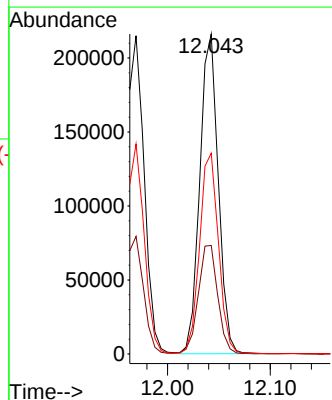
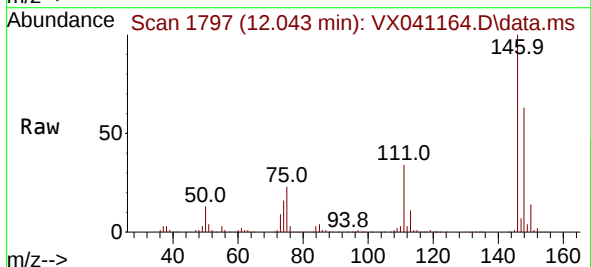
Tgt Ion:146 Resp: 270381

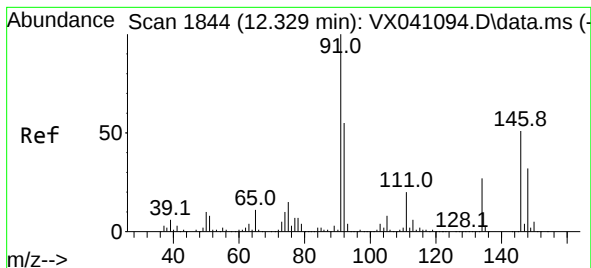
Ion Ratio Lower Upper

146 100

111 35.8 21.3 63.7

148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 51.405 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 397389

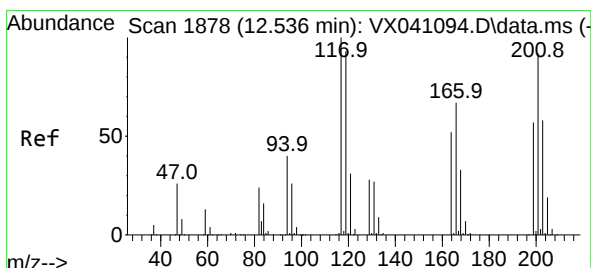
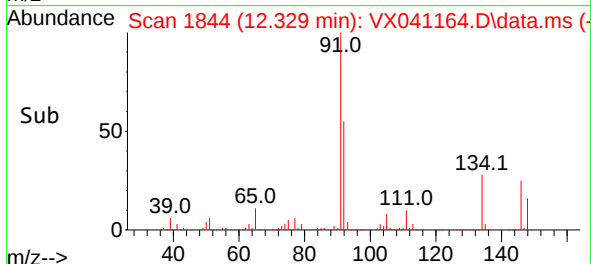
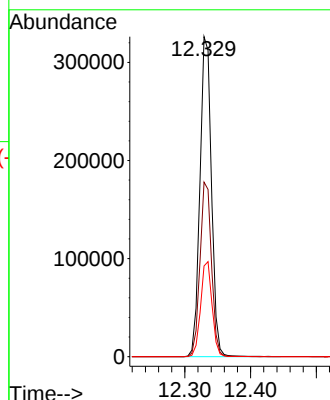
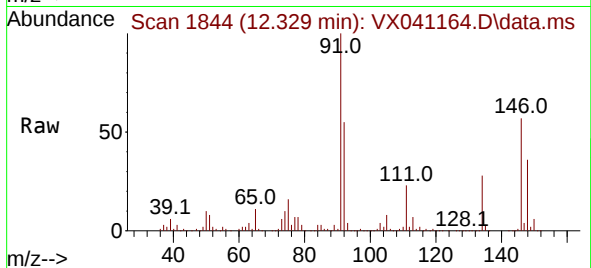
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.0
134	29.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#90

Hexachloroethane

Concen: 50.996 ug/l

RT: 12.536 min Scan# 1878

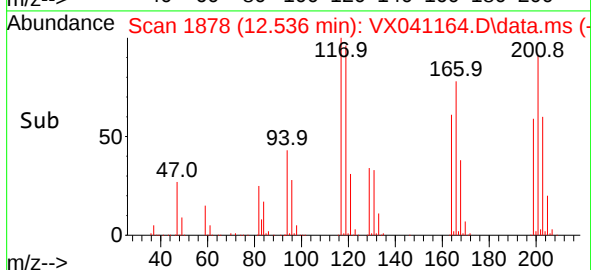
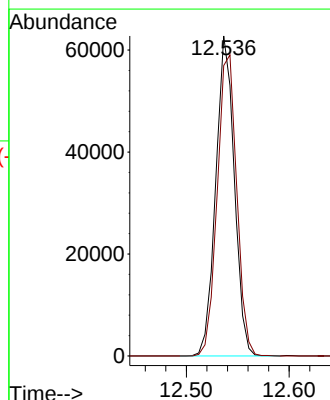
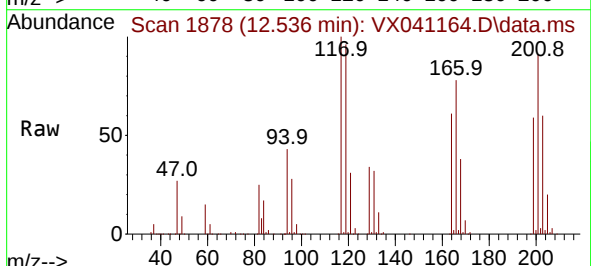
Delta R.T. 0.000 min

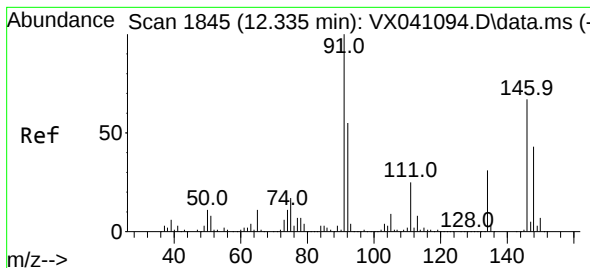
Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion:117 Resp: 78687

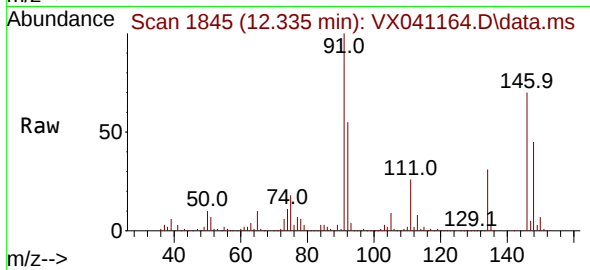
Ion	Ratio	Lower	Upper
117	100		
201	98.8	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 51.910 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

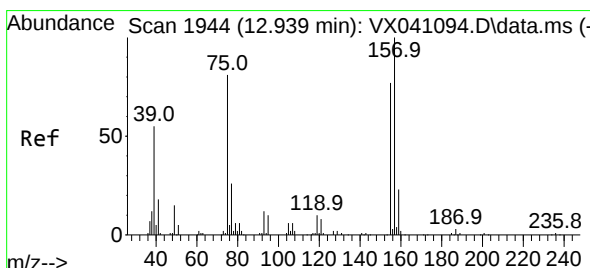
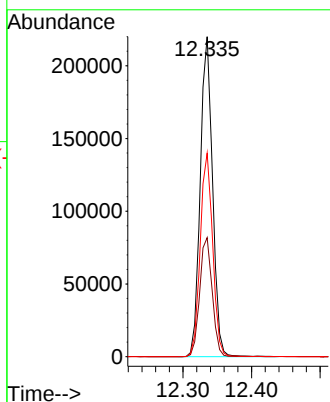
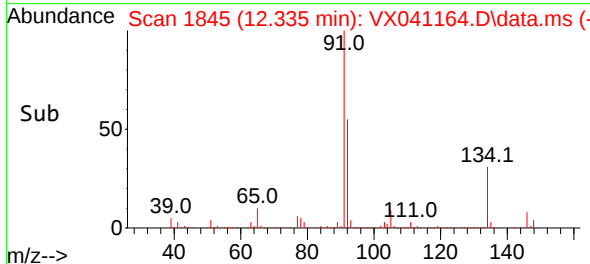
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 27478
Ion Ratio Lower Upper
146 100
111 37.8 22.4 67.0
148 64.5 31.6 95.0

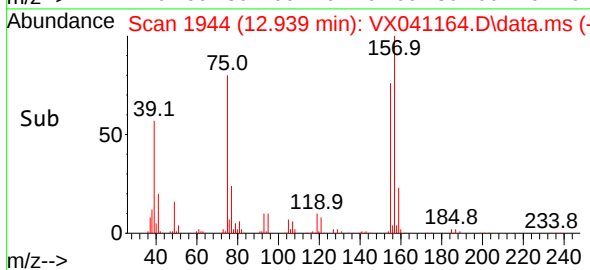
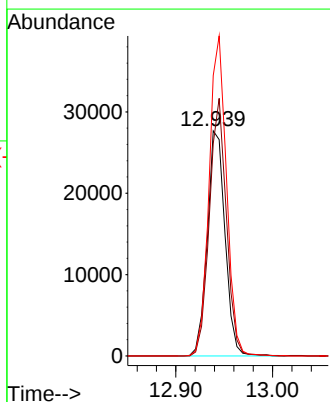
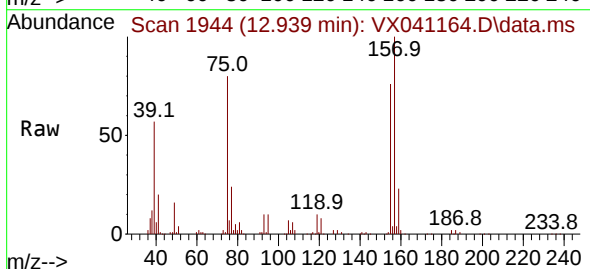
Manual Integrations
APPROVED

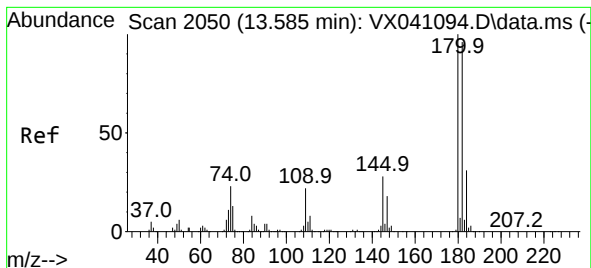
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.579 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041164.D
Acq: 18 Apr 2024 15:29

Tgt Ion: 75 Resp: 35358
Ion Ratio Lower Upper
75 100
155 109.4 36.1 108.5#
157 139.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 50.525 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

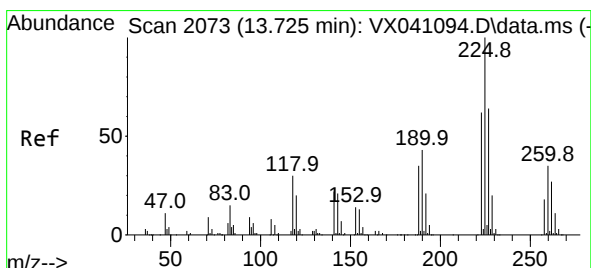
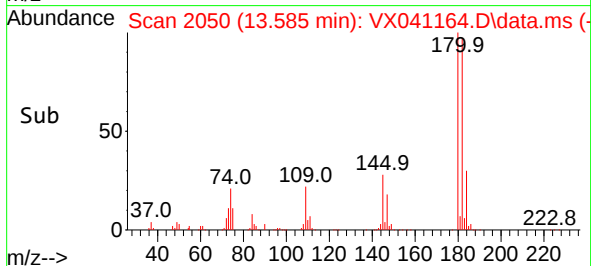
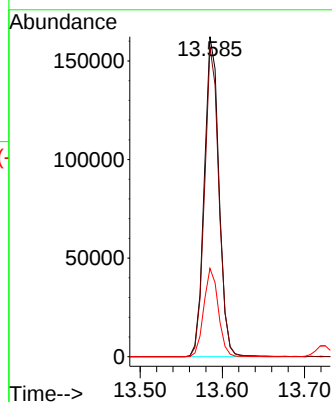
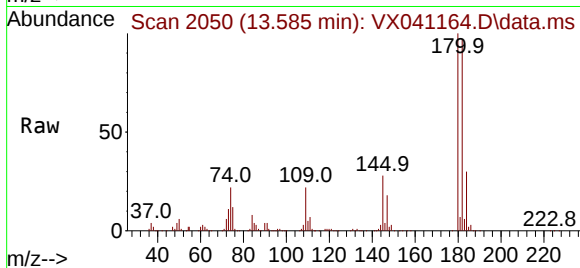
Tgt Ion:	180	Resp:	201000
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.3	144.8
145	27.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#94

Hexachlorobutadiene

Concen: 53.592 ug/l

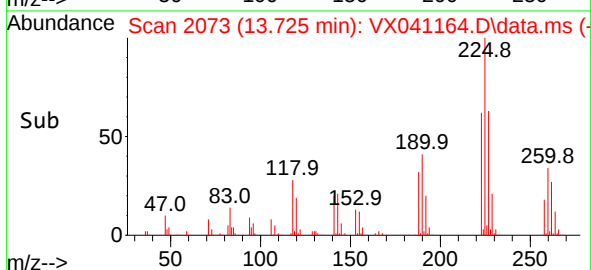
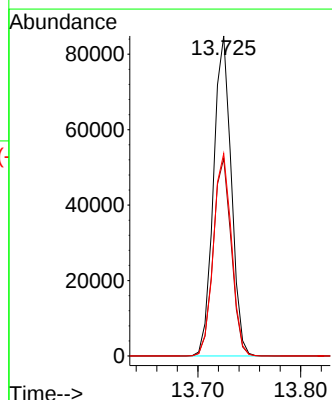
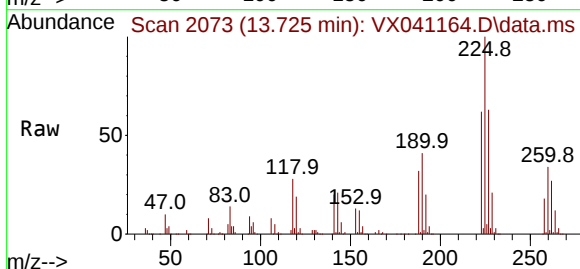
RT: 13.725 min Scan# 2073

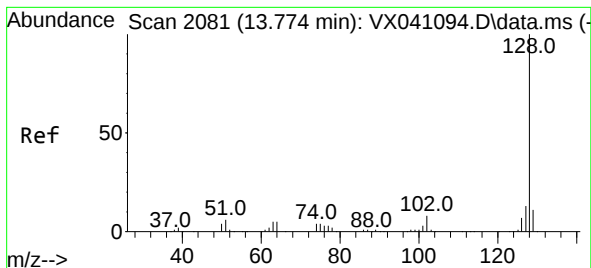
Delta R.T. -0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion:	225	Resp:	101641
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.1	93.2
227	64.2	32.5	97.5





#95

Naphthalene

Concen: 53.545 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

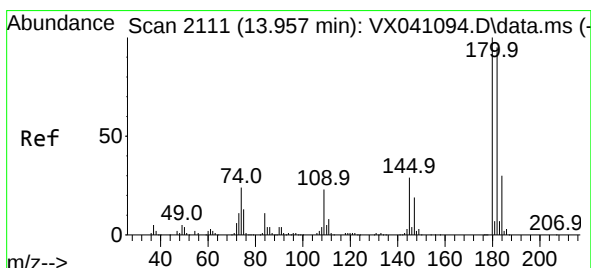
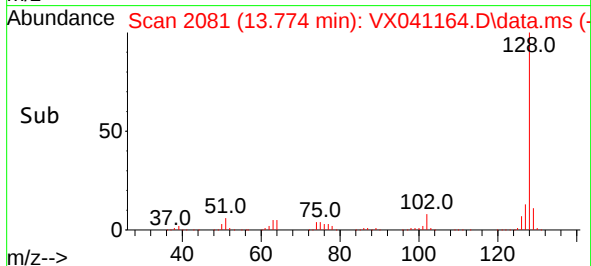
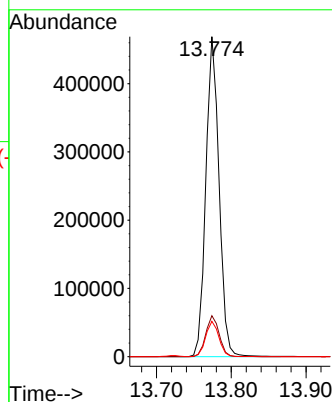
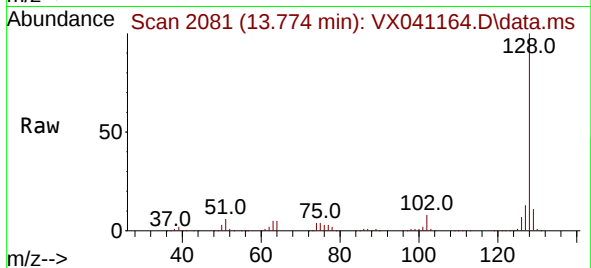
Tgt Ion:128 Resp: 57536
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.407 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041164.D

Acq: 18 Apr 2024 15:29

Tgt Ion:180 Resp: 207024
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.9 140.6
 145 29.3 17.8 53.5

