

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040424.D
 Acq On : 23 Feb 2024 12:19
 Operator : JC/MD
 Sample : VX0223WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63753	47.064	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.120%		
35) Dibromofluoromethane	5.385	113	44591	46.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	163430	47.069	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.140%		
62) 4-Bromofluorobenzene	11.079	95	61870	44.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20305	20.253	ug/l	93
3) Chloromethane	1.294	50	20479	18.069	ug/l	96
4) Vinyl Chloride	1.374	62	21623	19.128	ug/l	98
5) Bromomethane	1.605	94	14691	22.090	ug/l	94
6) Chloroethane	1.685	64	12393	18.190	ug/l	96
7) Trichlorofluoromethane	1.886	101	34037	18.872	ug/l	99
8) Diethyl Ether	2.130	74	11827	18.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18655	19.574	ug/l	98
10) Methyl Iodide	2.453	142	21529	19.415	ug/l	96
11) Tert butyl alcohol	2.959	59	25883	98.848	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	17777	19.340	ug/l	93
13) Acrolein	2.233	56	30841	98.445	ug/l	95
14) Allyl chloride	2.660	41	32468	19.126	ug/l	94
15) Acrylonitrile	3.062	53	61065	99.471	ug/l	100
16) Acetone	2.380	43	63331	112.205	ug/l	96
17) Carbon Disulfide	2.514	76	46817	18.526	ug/l	99
18) Methyl Acetate	2.703	43	29264	20.016	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63767	19.457	ug/l	99
20) Methylene Chloride	2.788	84	19929	16.863	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19030	18.348	ug/l	96
22) Diisopropyl ether	3.757	45	64880	19.335	ug/l	98
23) Vinyl Acetate	3.721	43	303848	99.219	ug/l	100
24) 1,1-Dichloroethane	3.605	63	36633	18.878	ug/l	98
25) 2-Butanone	4.550	43	89826	102.080	ug/l	92
26) 2,2-Dichloropropane	4.477	77	28844	22.774	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	22375	19.359	ug/l	99
28) Bromochloromethane	4.898	49	15961	17.635	ug/l	98
29) Tetrahydrofuran	5.001	42	58068	99.131	ug/l	99
30) Chloroform	5.093	83	38399	18.361	ug/l	91
31) Cyclohexane	5.471	56	31748	19.549	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	32916	19.011	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28835	19.383	ug/l	99
37) Ethyl Acetate	4.715	43	34266	20.161	ug/l	98
38) Carbon Tetrachloride	5.678	117	26431	19.204	ug/l	99
39) Methylcyclohexane	7.379	83	32709	20.747	ug/l	98
40) Benzene	6.038	78	79059	19.535	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040424.D
 Acq On : 23 Feb 2024 12:19
 Operator : JC/MD
 Sample : VX0223WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18596	20.605	ug/l	97
42) 1,2-Dichloroethane	6.086	62	33662	20.014	ug/l	100
43) Isopropyl Acetate	6.336	43	51824	19.872	ug/l	99
44) Trichloroethene	7.123	130	20373	19.248	ug/l	92
45) 1,2-Dichloropropane	7.434	63	21369	19.785	ug/l	97
46) Dibromomethane	7.580	93	15710	19.388	ug/l	99
47) Bromodichloromethane	7.818	83	29620	19.641	ug/l	100
48) Methyl methacrylate	7.690	41	26588	20.586	ug/l	93
49) 1,4-Dioxane	7.653	88	11220	430.998	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	179160	101.149	ug/l	99
52) Toluene	8.714	92	50049	20.180	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	30973	20.372	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	32641	20.153	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	21266	20.026	ug/l	99
56) Ethyl methacrylate	9.116	69	32920	20.288	ug/l	96
57) 1,3-Dichloropropane	9.305	76	36182	19.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	78685	96.712	ug/l	95
59) 2-Hexanone	9.427	43	142596	104.385	ug/l	99
60) Dibromochloromethane	9.519	129	21539	20.227	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23021	20.169	ug/l	100
64) Tetrachloroethene	9.275	164	18294	18.632	ug/l	94
65) Chlorobenzene	10.079	112	53137	19.669	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19490	20.629	ug/l	98
67) Ethyl Benzene	10.195	91	99775	19.687	ug/l	96
68) m/p-Xylenes	10.299	106	74337	40.226	ug/l	96
69) o-Xylene	10.640	106	34870	19.090	ug/l	91
70) Styrene	10.653	104	59722	19.834	ug/l	99
71) Bromoform	10.799	173	14995	19.632	ug/l #	98
73) Isopropylbenzene	10.963	105	97167	20.457	ug/l	99
74) N-amyl acetate	10.842	43	44735	20.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34935	20.575	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30074m	20.147	ug/l	
77) Bromobenzene	11.195	156	22778	19.626	ug/l	98
78) n-propylbenzene	11.305	91	118438	20.187	ug/l	98
79) 2-Chlorotoluene	11.366	91	69303	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	83550	20.705	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	8754	20.406	ug/l	97
82) 4-Chlorotoluene	11.451	91	82708	20.154	ug/l	100
83) tert-Butylbenzene	11.713	119	76654	20.153	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82511	20.265	ug/l	98
85) sec-Butylbenzene	11.890	105	102192	20.182	ug/l	99
86) p-Isopropyltoluene	12.012	119	84337	20.846	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	43646	19.662	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	43613	18.951	ug/l	98
89) n-Butylbenzene	12.335	91	79464	19.963	ug/l	97
90) Hexachloroethane	12.536	117	12907	19.921	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	43629	20.325	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8578	22.153	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	27777	20.100	ug/l	98
94) Hexachlorobutadiene	13.725	225	10577	21.132	ug/l	99
95) Naphthalene	13.774	128	92152	20.780	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26980	20.277	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
Data File : VX040424.D
Acq On : 23 Feb 2024 12:19
Operator : JC/MD
Sample : VX0223WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

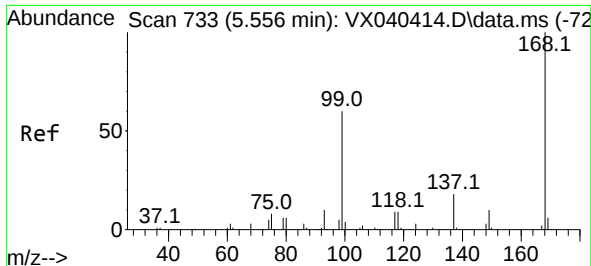
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:16:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:47:29 2024
Response via : Initial Calibration

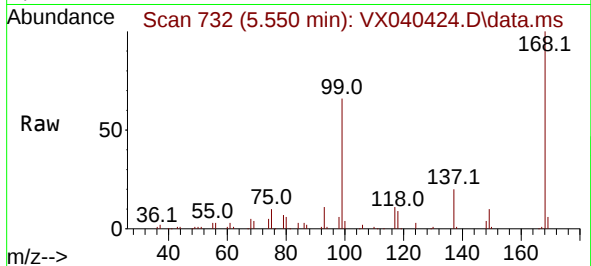
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

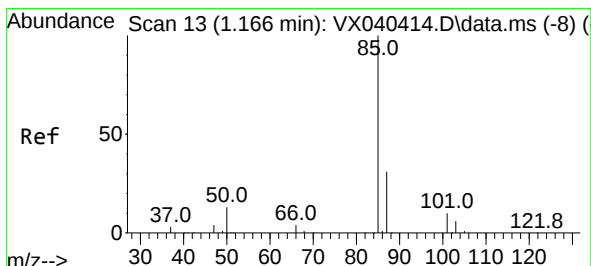
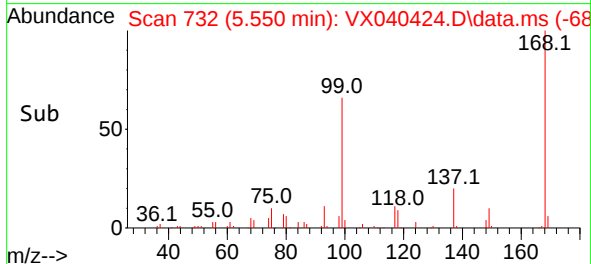
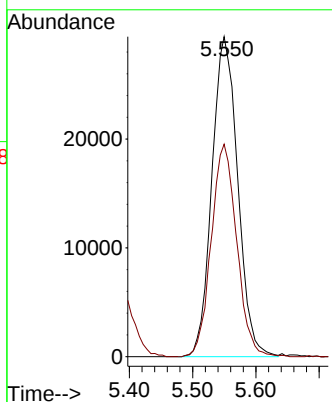
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion:168 Resp: 8317
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0

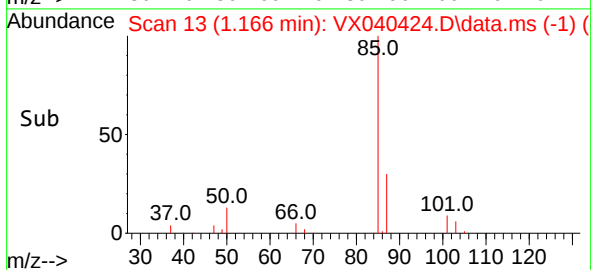
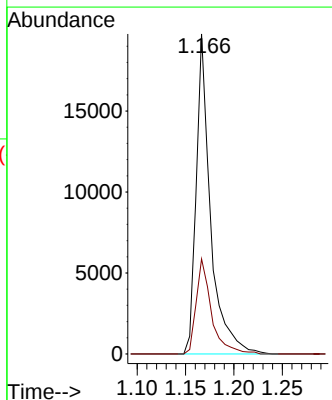
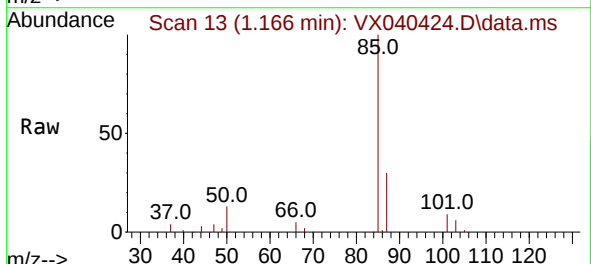
Manual Integrations
APPROVED

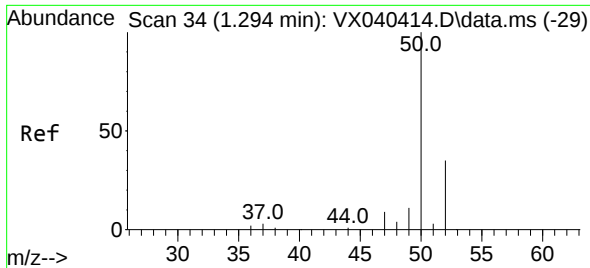
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 20.253 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

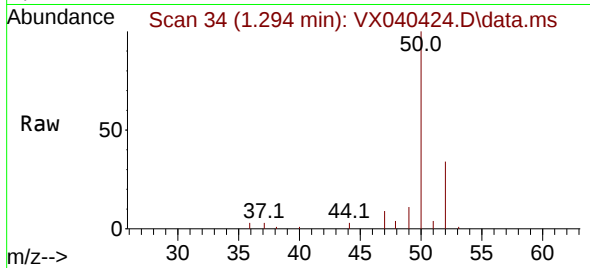
Tgt Ion: 85 Resp: 20305
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1





#3
Chloromethane
Concen: 18.069 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

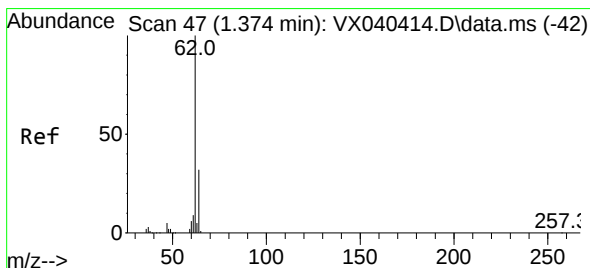
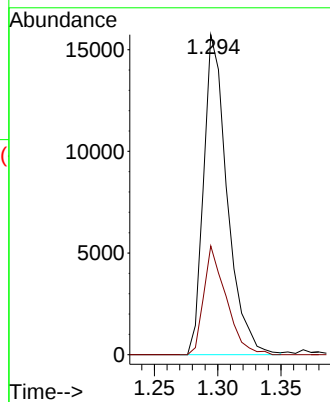
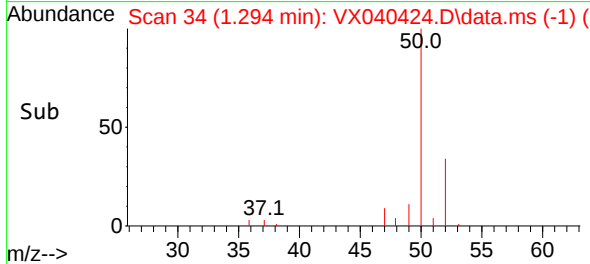
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



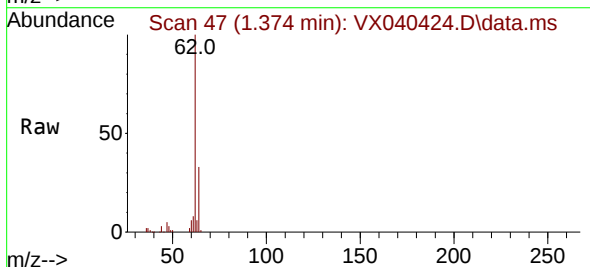
Tgt Ion: 50 Resp: 20479
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

Manual Integrations
APPROVED

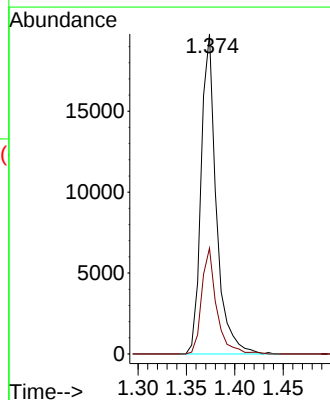
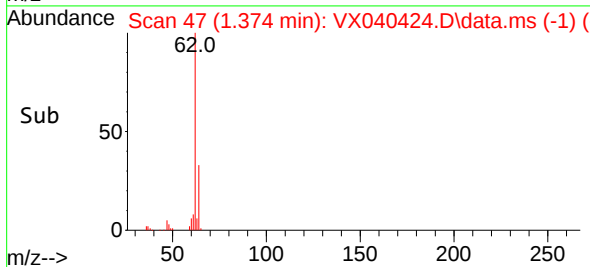
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

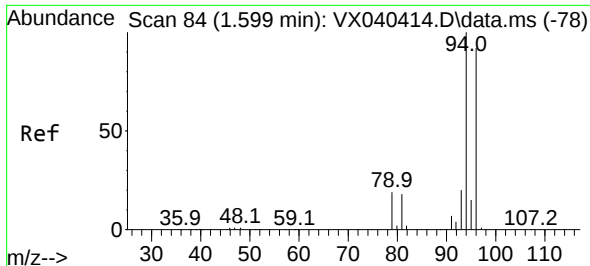


#4
Vinyl Chloride
Concen: 19.128 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



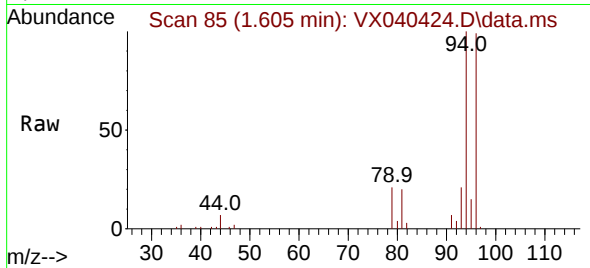
Tgt Ion: 62 Resp: 21623
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 22.090 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

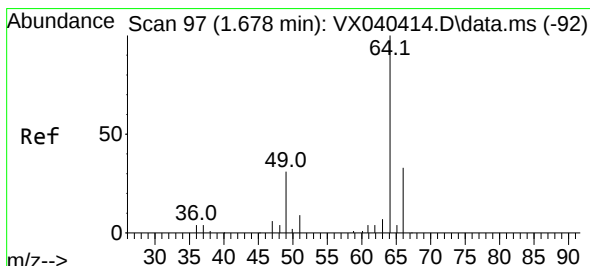
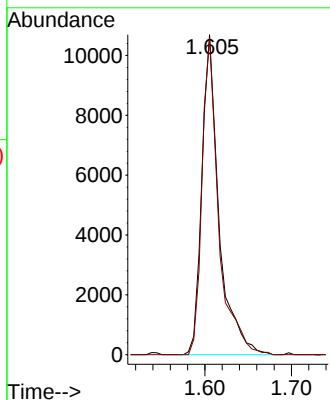
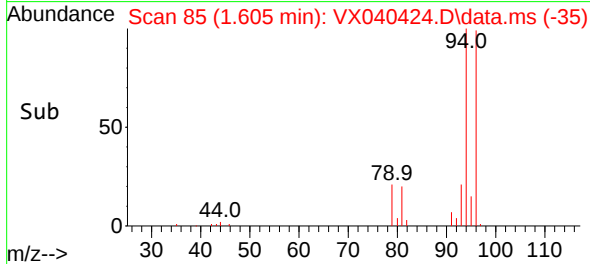
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion: 94 Resp: 1469
Ion Ratio Lower Upper
94 100
96 99.0 74.6 111.8

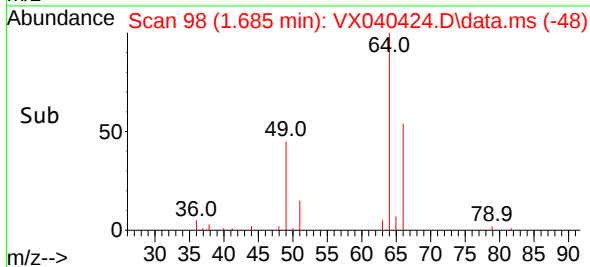
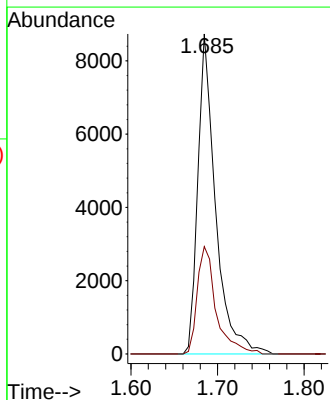
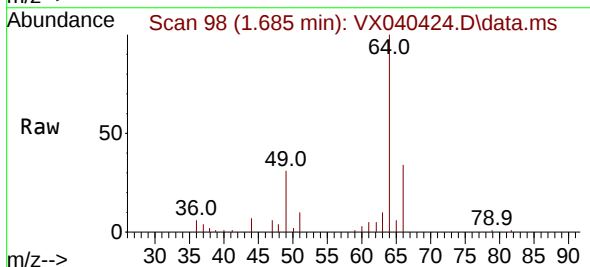
Manual Integrations
APPROVED

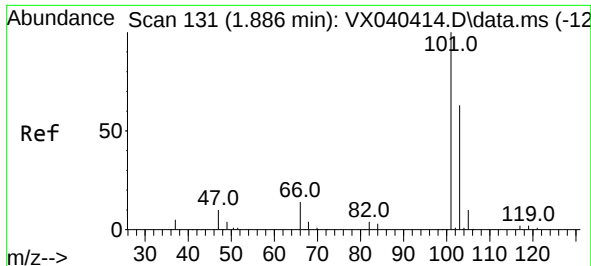
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#6
Chloroethane
Concen: 18.190 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

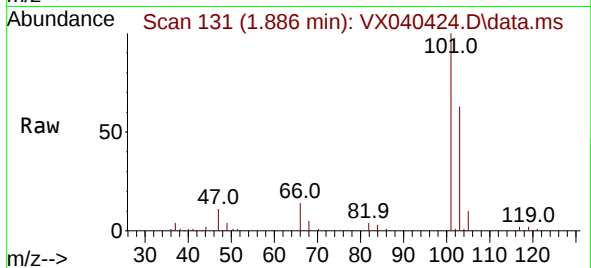
Tgt Ion: 64 Resp: 12393
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 18.872 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040424.D
 Acq: 23 Feb 2024 12:19

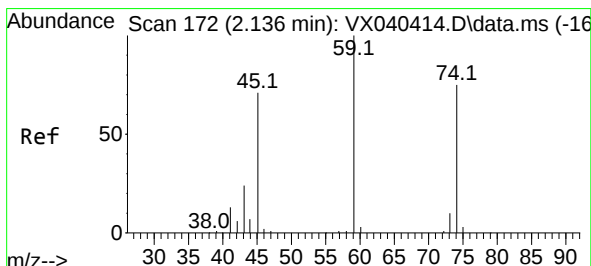
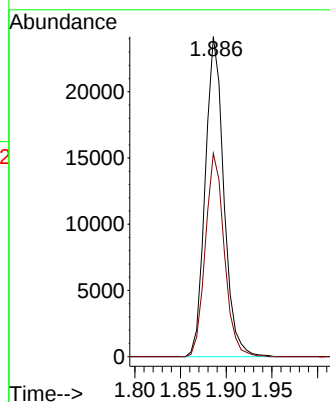
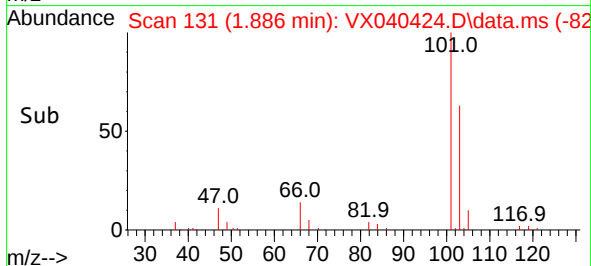
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBSD01



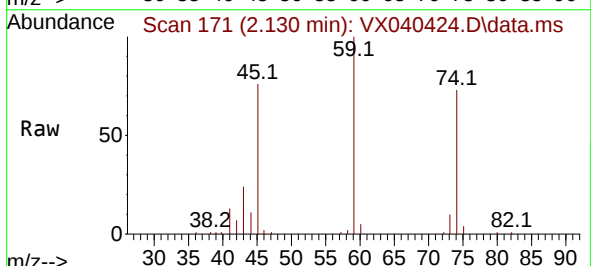
Tgt Ion:101 Resp: 3403
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

Manual Integrations
 APPROVED

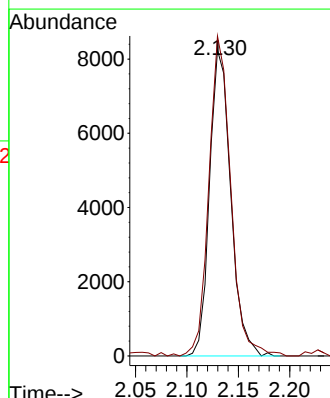
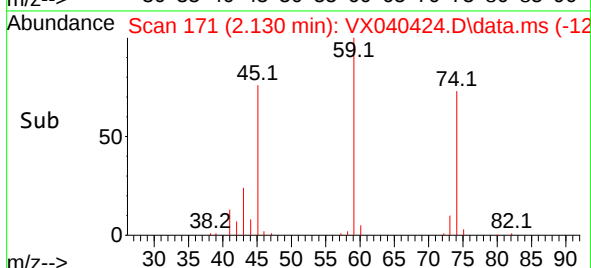
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

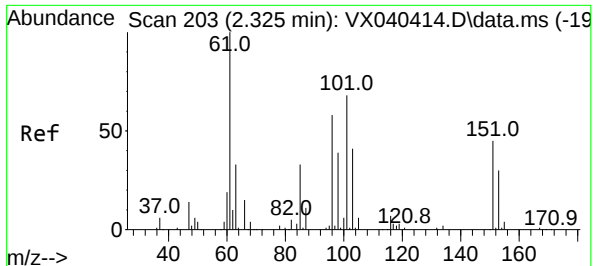


#8
 Diethyl Ether
 Concen: 18.357 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040424.D
 Acq: 23 Feb 2024 12:19



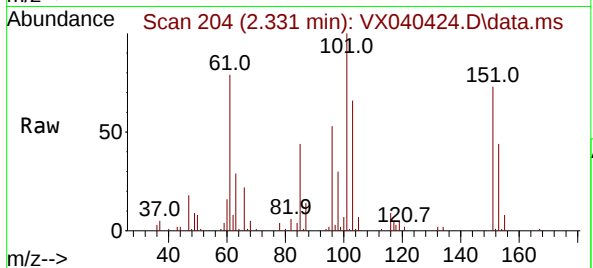
Tgt Ion: 74 Resp: 11827
 Ion Ratio Lower Upper
 74 100
 45 107.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.574 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

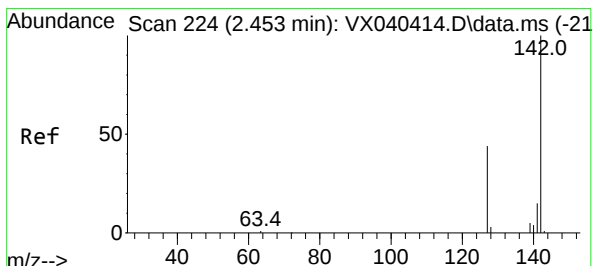
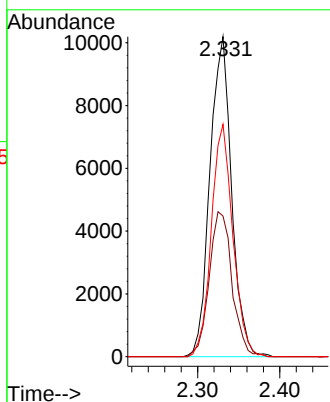
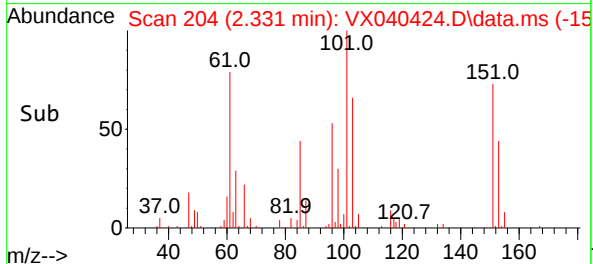
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion:101 Resp: 1865
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 72.2 58.6 87.8

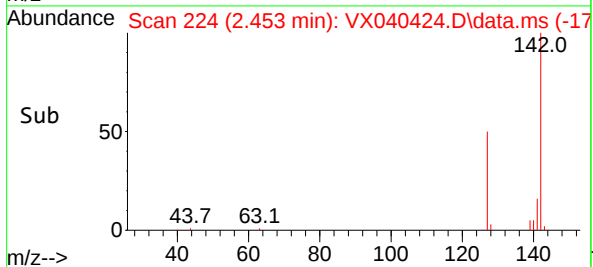
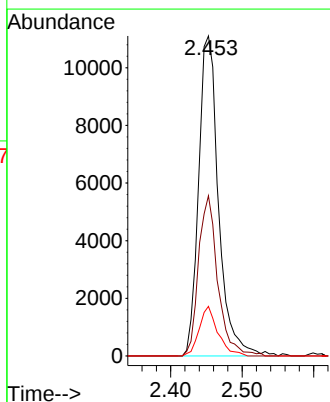
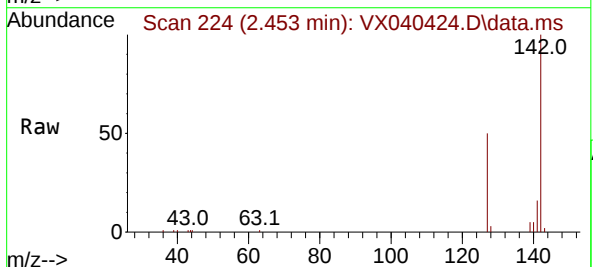
Manual Integrations
APPROVED

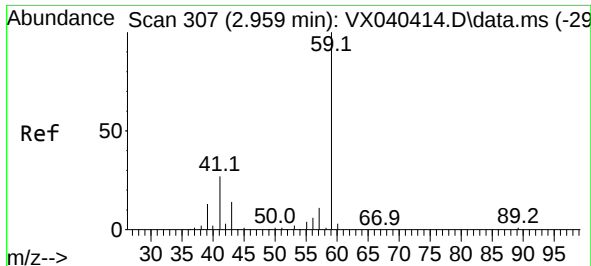
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 19.415 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion:142 Resp: 21529
Ion Ratio Lower Upper
142 100
127 48.3 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 98.848 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 59 Resp: 2588

Ion Ratio Lower Upper

59 100

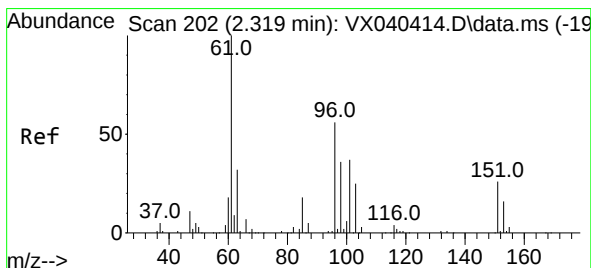
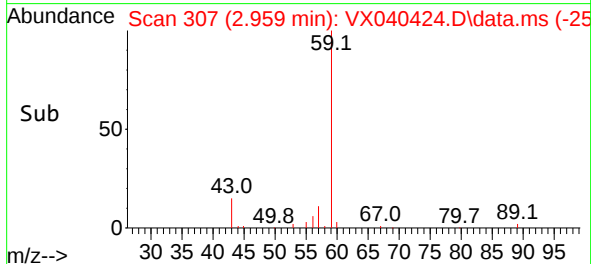
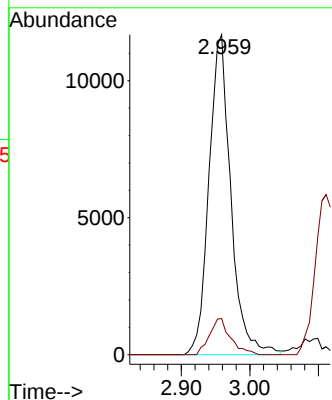
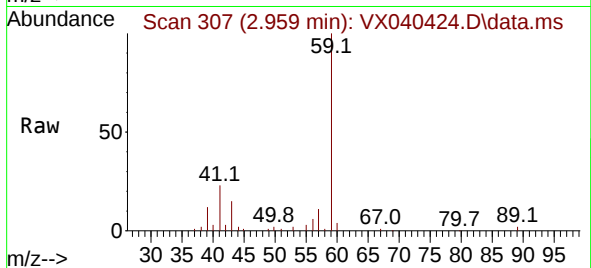
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#12

1,1-Dichloroethene

Concen: 19.340 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

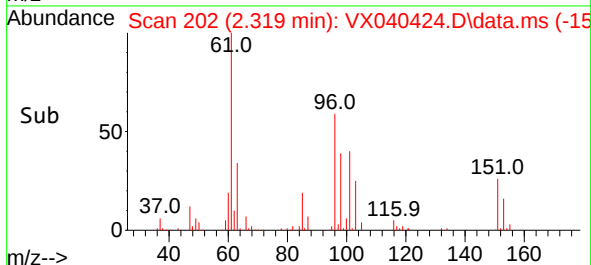
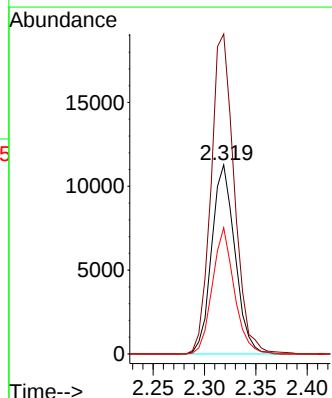
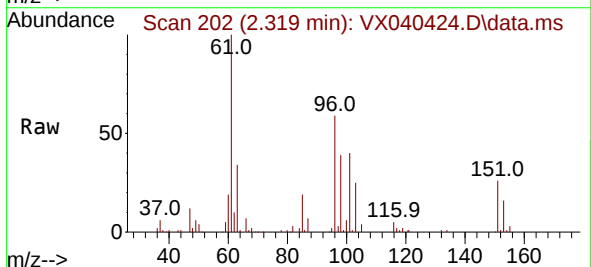
Tgt Ion: 96 Resp: 17777

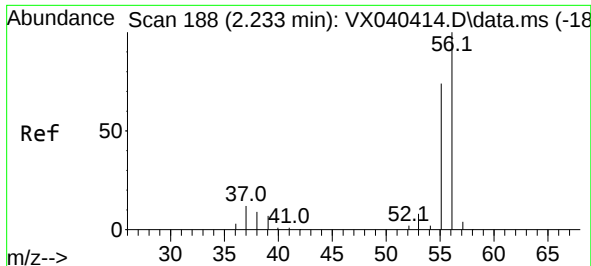
Ion Ratio Lower Upper

96 100

61 169.2 144.6 216.8

98 66.7 50.4 75.6





#13

Acrolein

Concen: 98.445 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 56 Resp: 3084

Ion Ratio Lower Upper

56 100

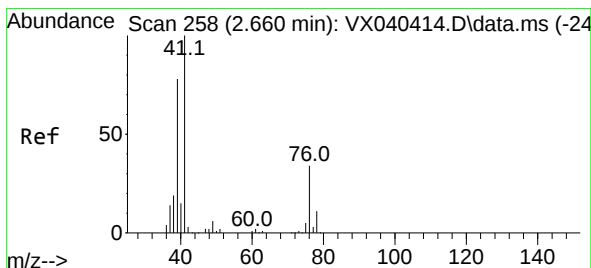
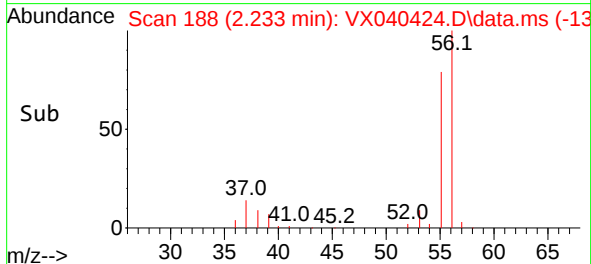
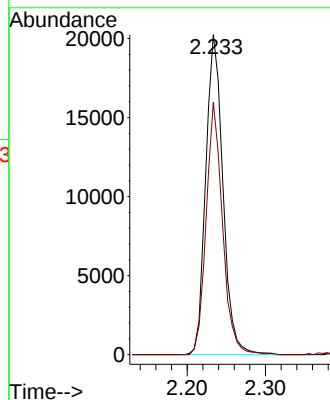
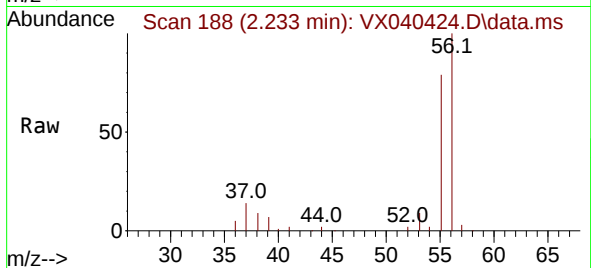
55 75.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#14

Allyl chloride

Concen: 19.126 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

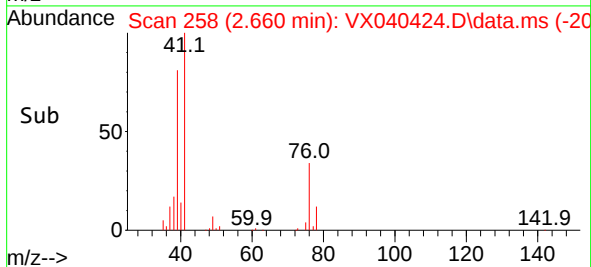
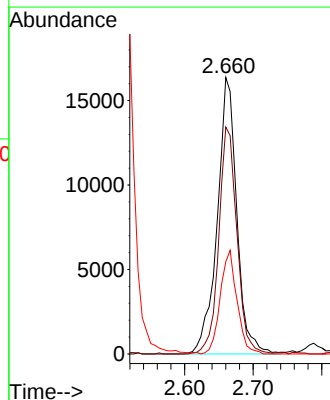
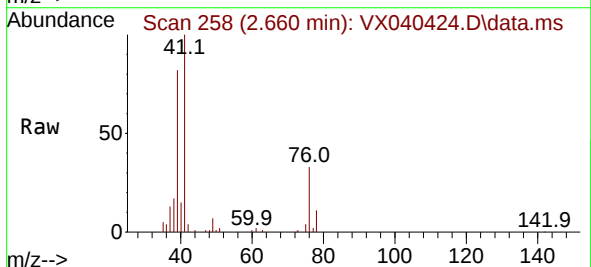
Tgt Ion: 41 Resp: 32468

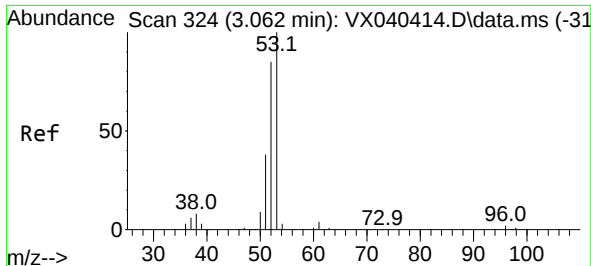
Ion Ratio Lower Upper

41 100

39 75.8 55.8 83.6

76 31.9 24.3 36.5





#15

Acrylonitrile

Concen: 99.471 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

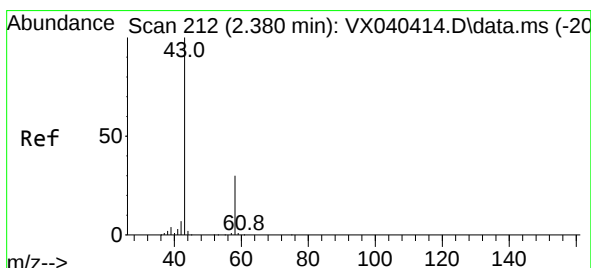
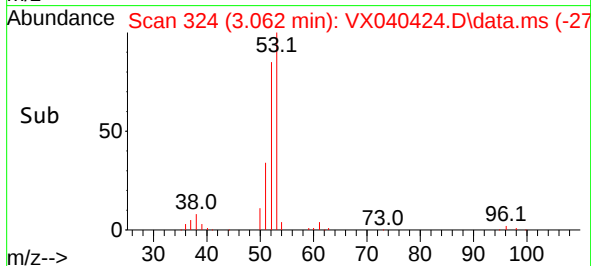
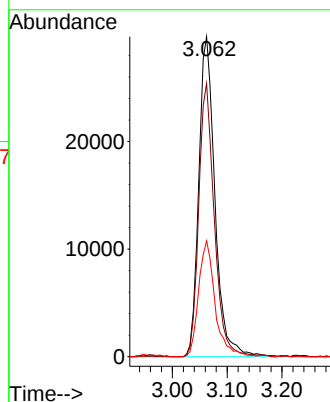
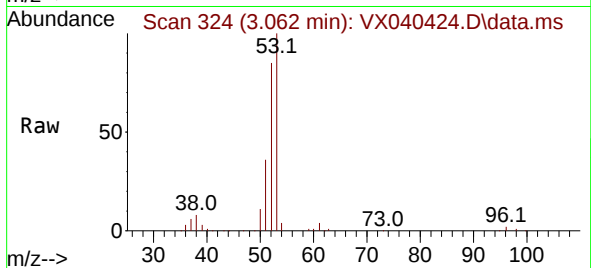
Tgt Ion:	53	Resp:	6106
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	36.8	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#16

Acetone

Concen: 112.205 ug/l

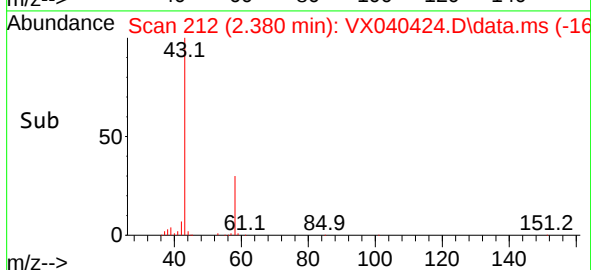
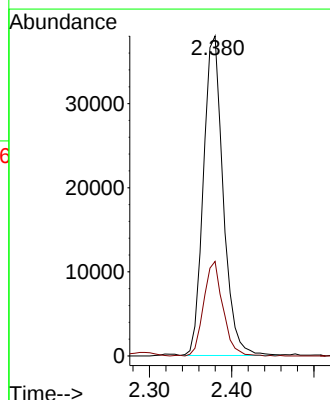
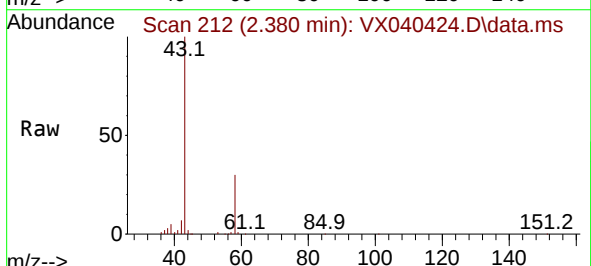
RT: 2.380 min Scan# 212

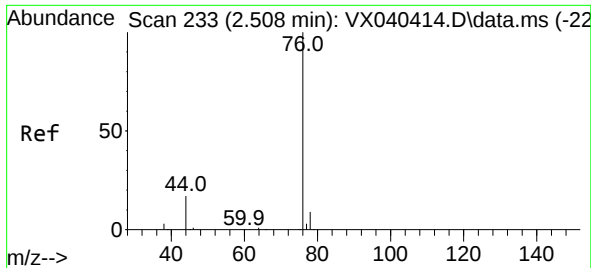
Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Tgt Ion:	43	Resp:	63331
Ion	Ratio	Lower	Upper
43	100		
58	29.5	21.9	32.9





#17

Carbon Disulfide

Concen: 18.526 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 76 Resp: 4681

Ion Ratio Lower Upper

76 100

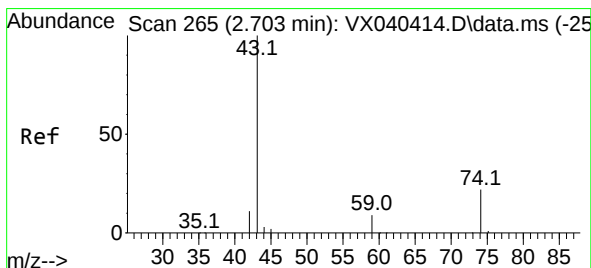
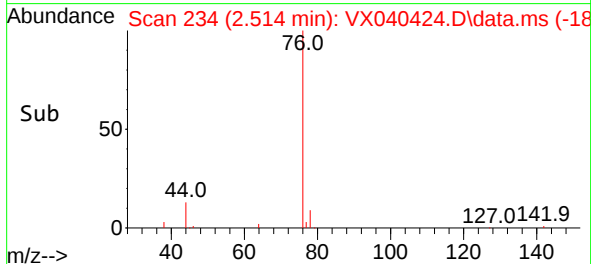
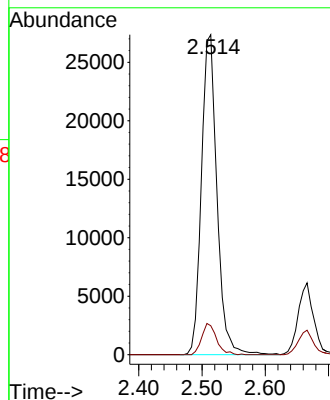
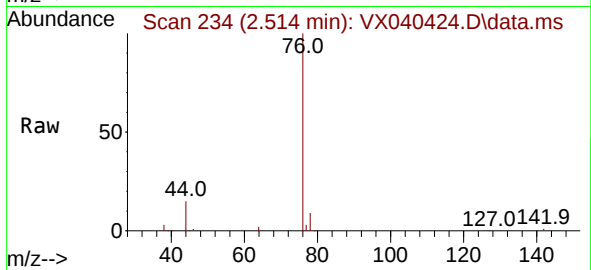
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#18

Methyl Acetate

Concen: 20.016 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040424.D

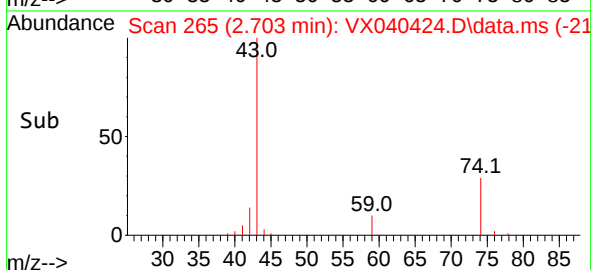
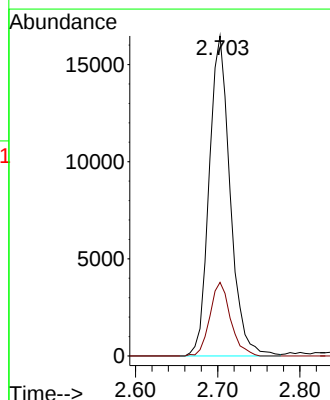
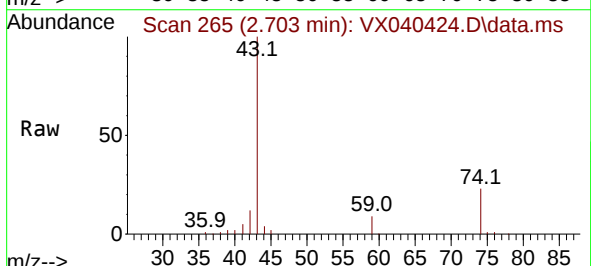
Acq: 23 Feb 2024 12:19

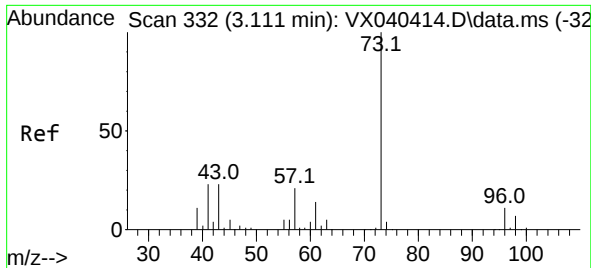
Tgt Ion: 43 Resp: 29264

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8





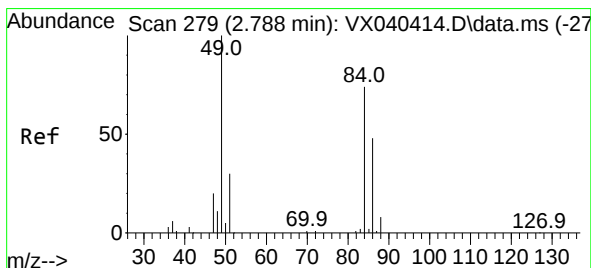
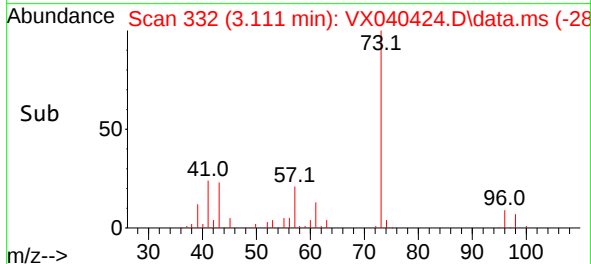
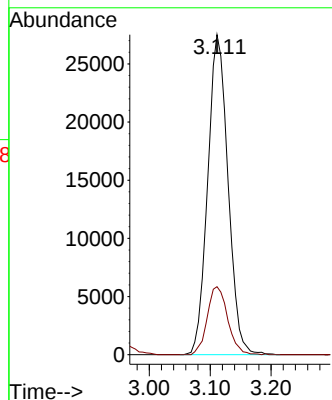
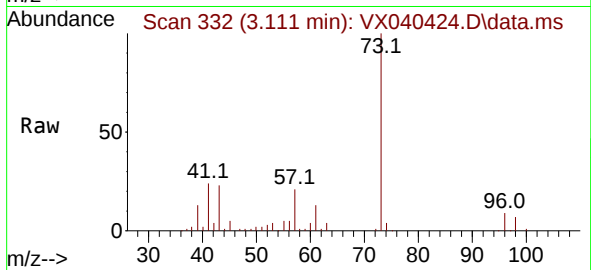
#19
Methyl tert-butyl Ether
Concen: 19.457 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 73 Resp: 6376
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

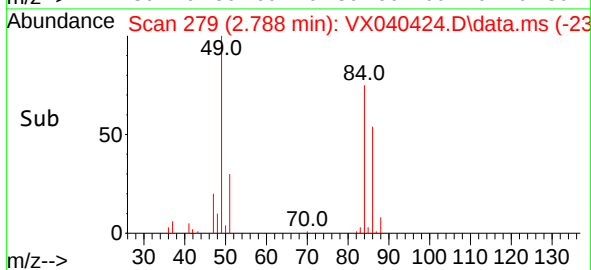
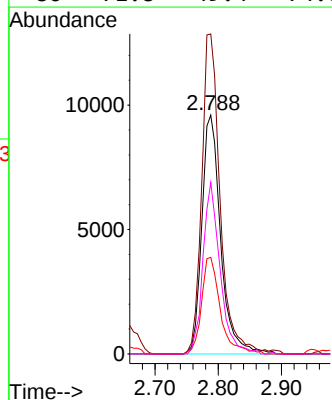
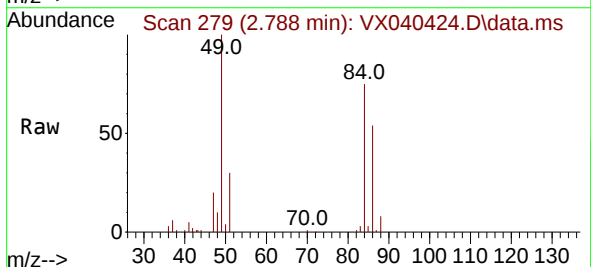
Manual Integrations
APPROVED

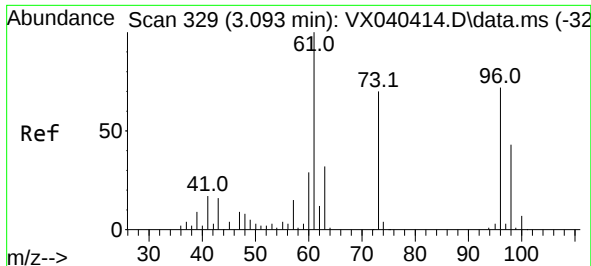
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 16.863 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

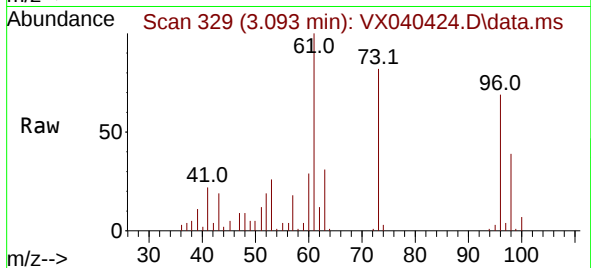
Tgt Ion: 84 Resp: 19929
Ion Ratio Lower Upper
84 100
49 134.0 103.6 155.4
51 40.4 33.8 50.6
86 71.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.348 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

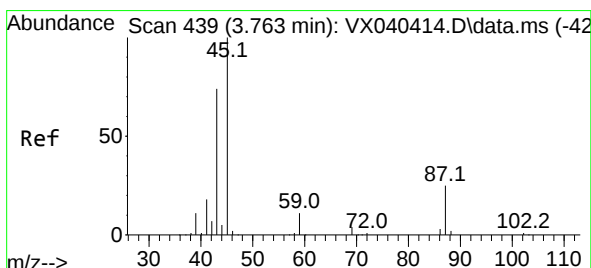
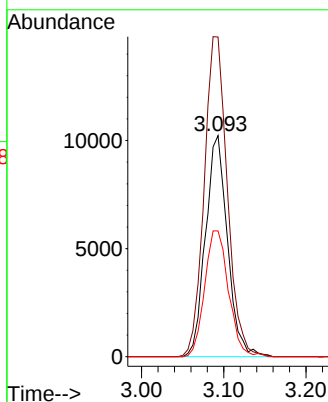
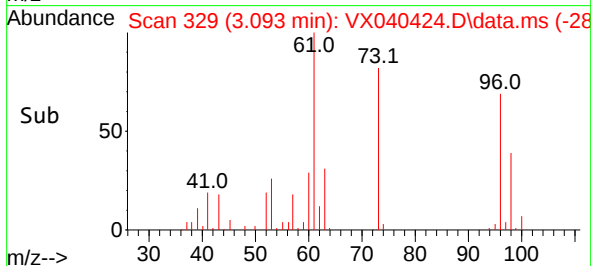
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion: 96 Resp: 19030
Ion Ratio Lower Upper
96 100
61 144.6 119.2 178.8
98 56.9 48.7 73.1

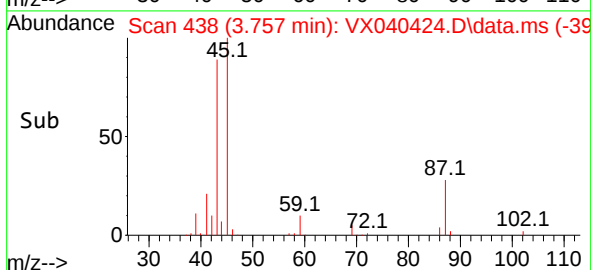
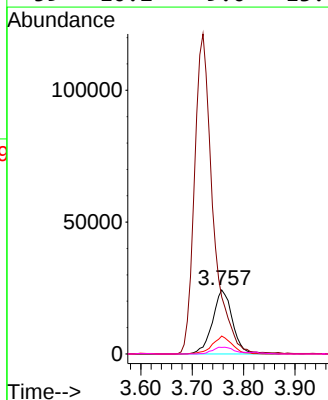
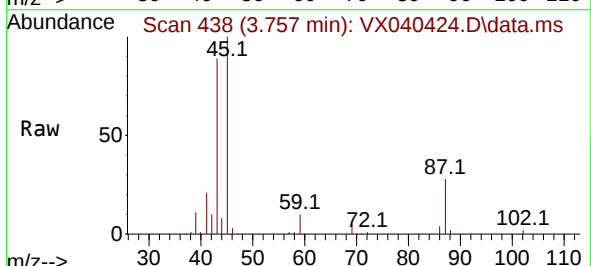
Manual Integrations
APPROVED

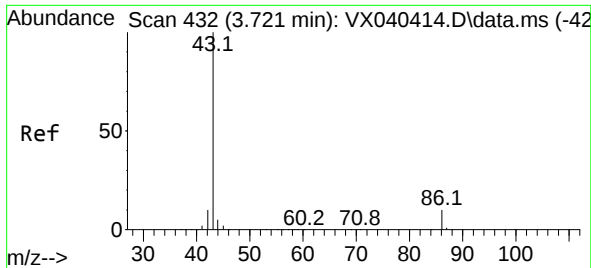
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#22
Diisopropyl ether
Concen: 19.335 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion: 45 Resp: 64880
Ion Ratio Lower Upper
45 100
43 88.4 69.7 104.5
87 28.0 20.8 31.2
59 10.2 9.0 13.4





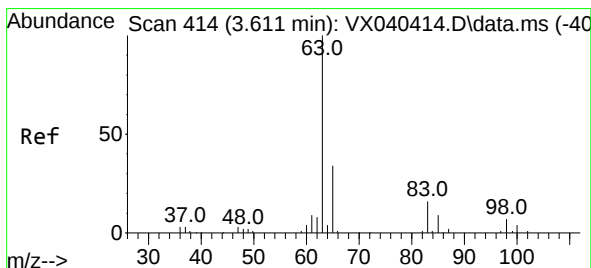
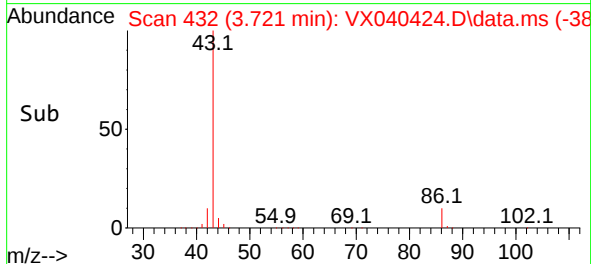
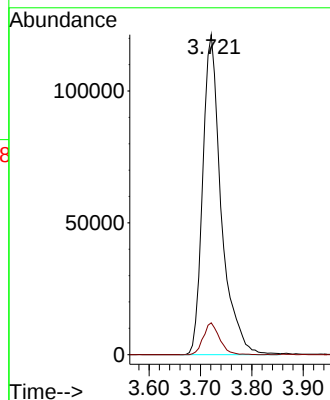
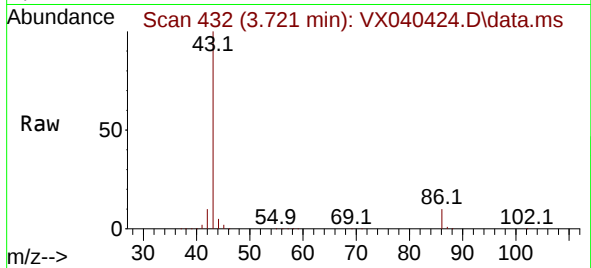
#23
 Vinyl Acetate
 Concen: 99.219 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040424.D
 Acq: 23 Feb 2024 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBSD01

Tgt Ion: 43 Resp: 30384
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

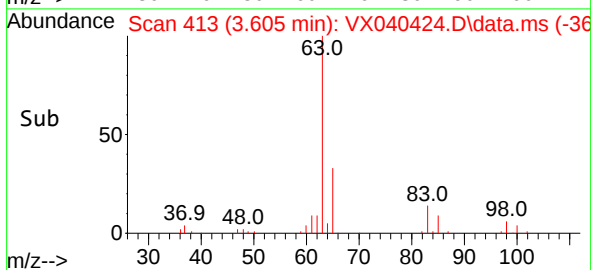
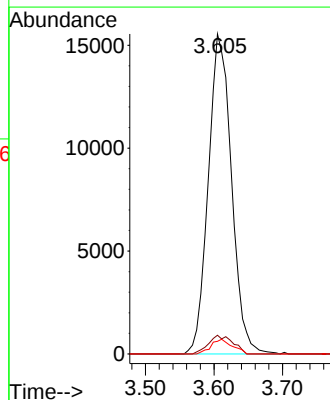
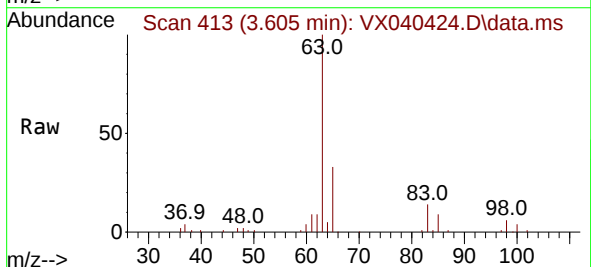
Manual Integrations
 APPROVED

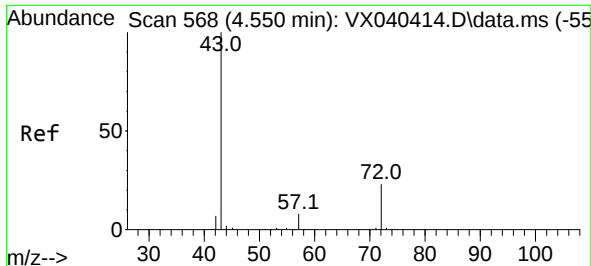
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#24
 1,1-Dichloroethane
 Concen: 18.878 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040424.D
 Acq: 23 Feb 2024 12:19

Tgt Ion: 63 Resp: 36633
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 102.080 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 43 Resp: 89820

Ion Ratio Lower Upper

43 100

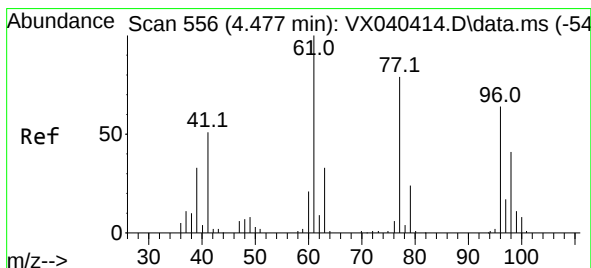
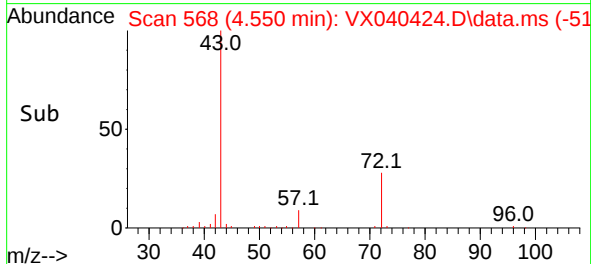
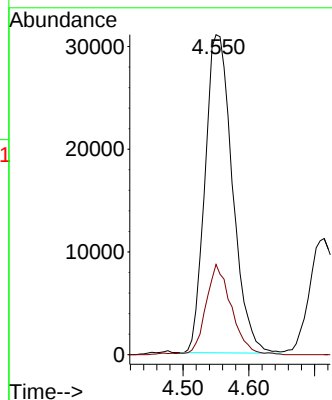
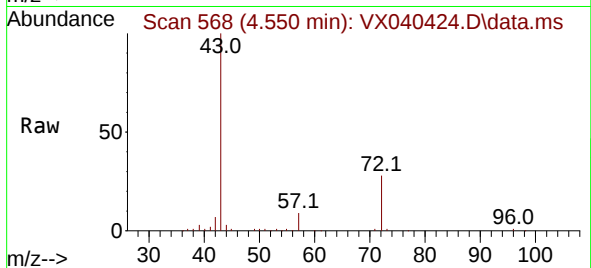
72 28.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#26

2,2-Dichloropropane

Concen: 22.774 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX040424.D

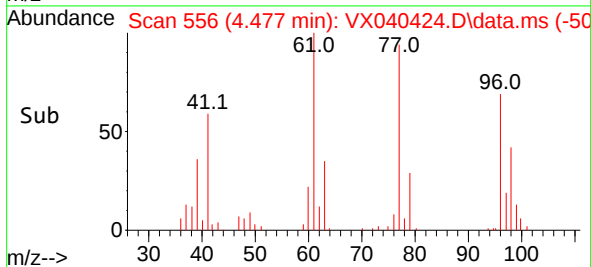
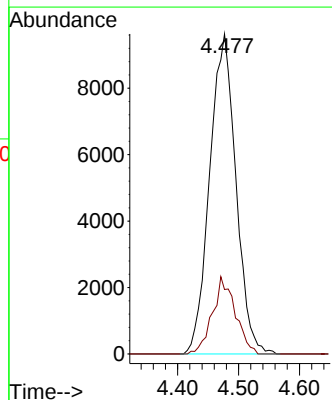
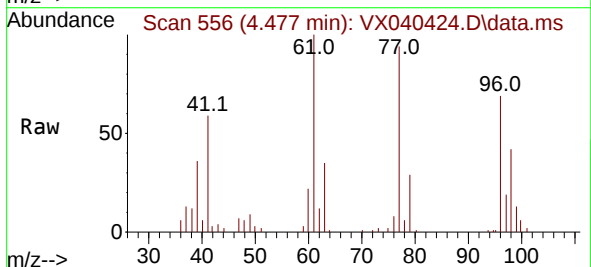
Acq: 23 Feb 2024 12:19

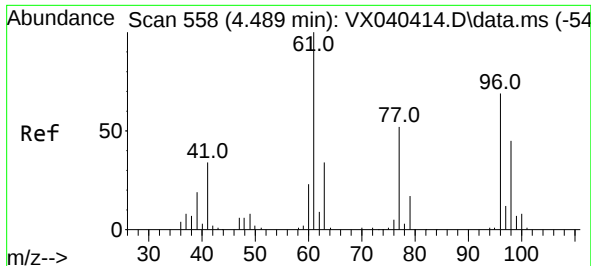
Tgt Ion: 77 Resp: 28844

Ion Ratio Lower Upper

77 100

97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.359 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 96 Resp: 22375

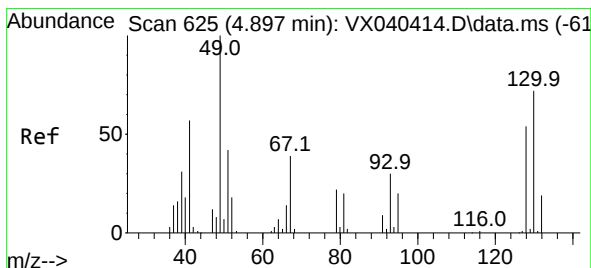
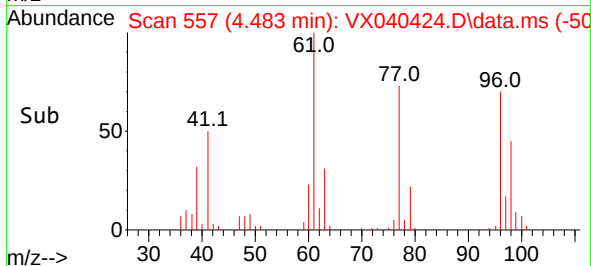
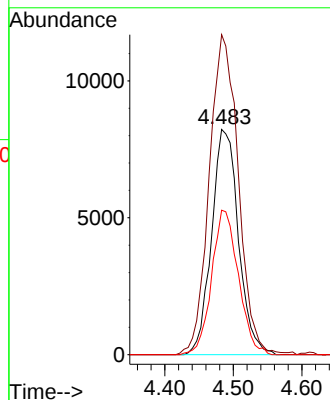
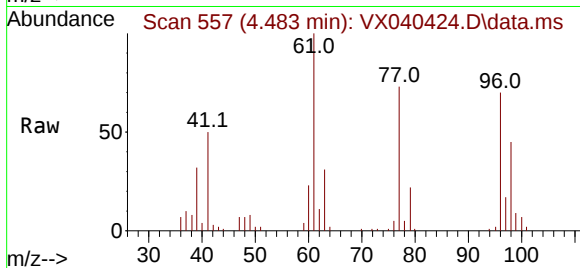
Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	312.2
98	63.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#28

Bromochloromethane

Concen: 17.635 ug/l

RT: 4.898 min Scan# 625

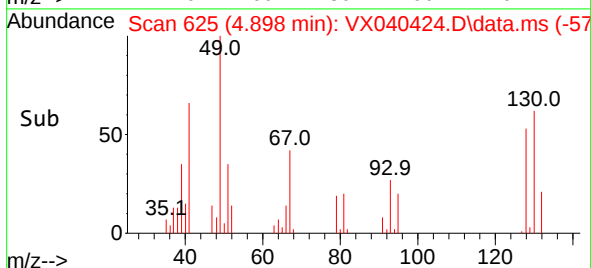
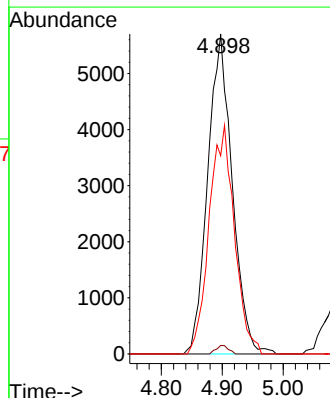
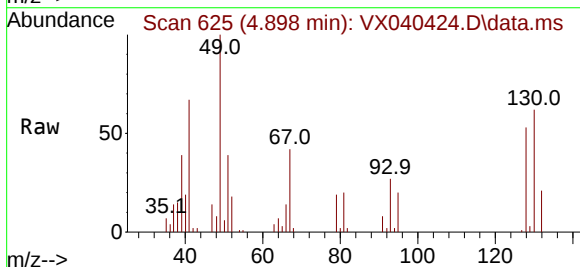
Delta R.T. 0.000 min

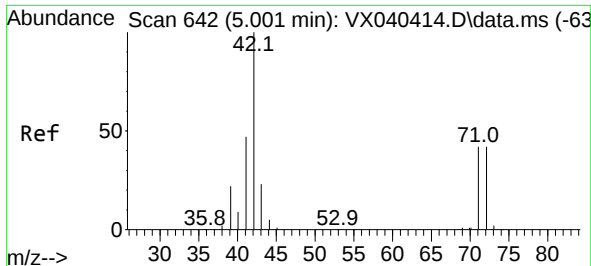
Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Tgt Ion: 49 Resp: 15961

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	73.4	57.5	86.3





#29

Tetrahydrofuran

Concen: 99.131 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

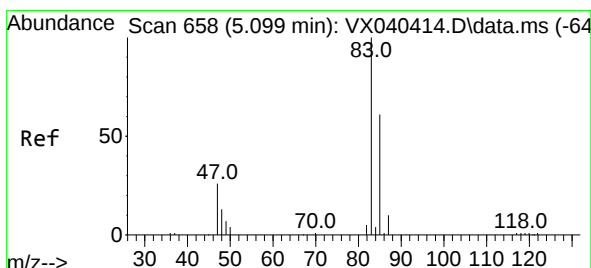
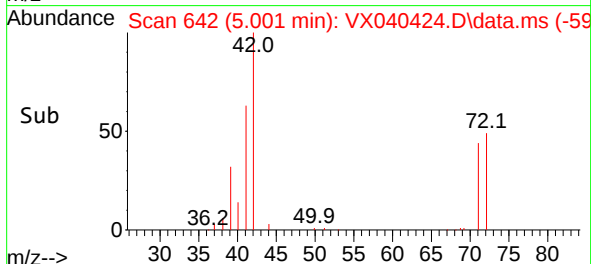
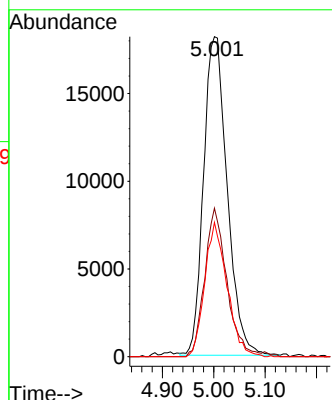
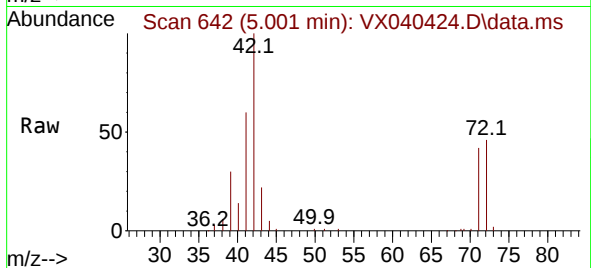
Tgt Ion:	42	Resp:	5806
Ion Ratio	Lower	Upper	
42	100		
72	43.5	34.2	51.4
71	39.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#30

Chloroform

Concen: 18.361 ug/l

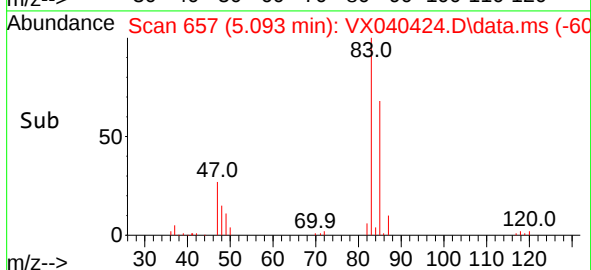
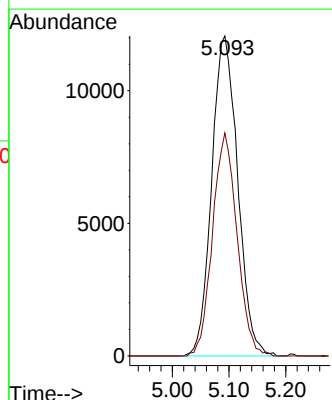
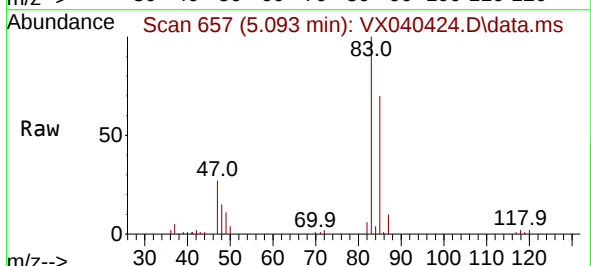
RT: 5.093 min Scan# 657

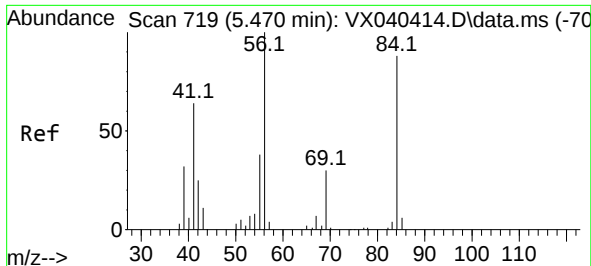
Delta R.T. -0.006 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

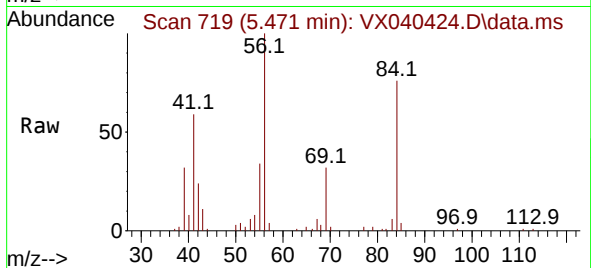
Tgt Ion:	83	Resp:	38399
Ion Ratio	Lower	Upper	
83	100		
85	69.7	50.3	75.5





#31
Cyclohexane
Concen: 19.549 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

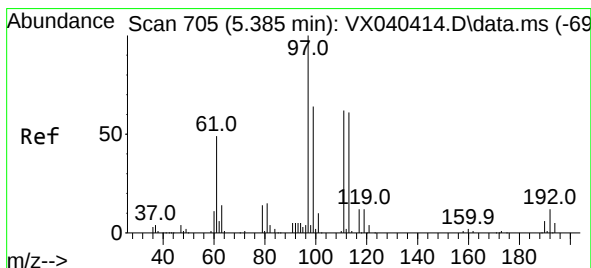
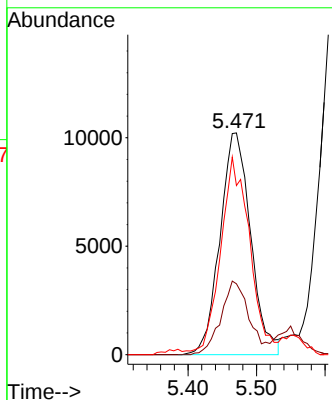
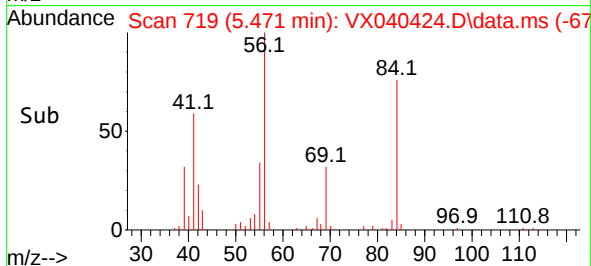
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion: 56 Resp: 31748
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 73.8 65.9 98.9

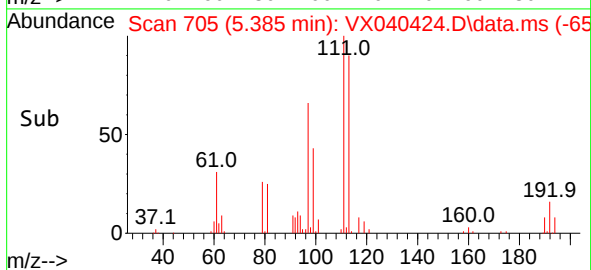
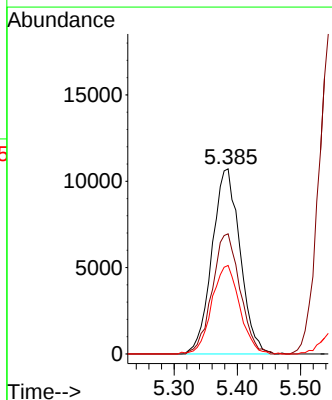
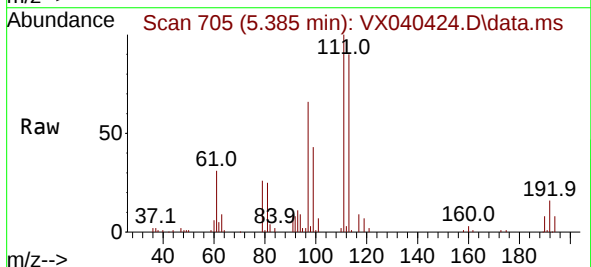
Manual Integrations
APPROVED

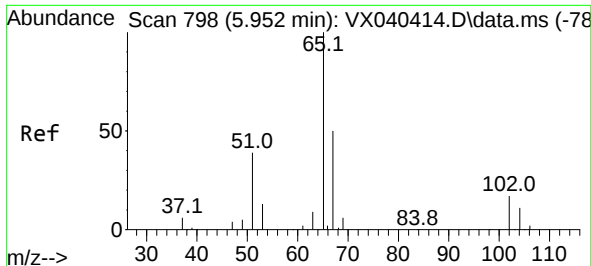
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#32
1,1,1-Trichloroethane
Concen: 19.011 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion: 97 Resp: 32916
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 47.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.064 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 65 Resp: 6375

Ion Ratio Lower Upper

65 100

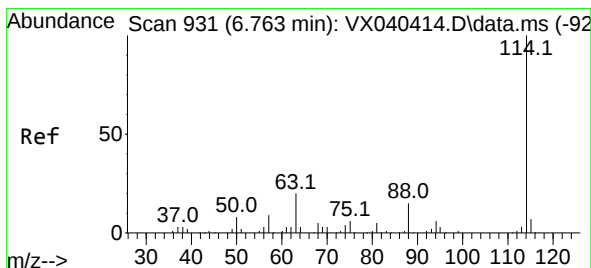
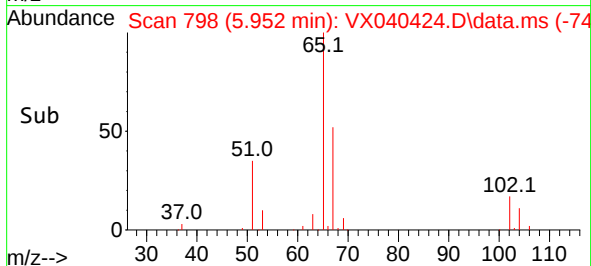
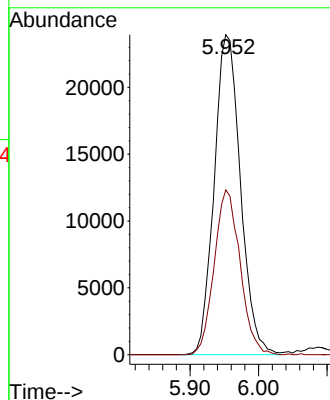
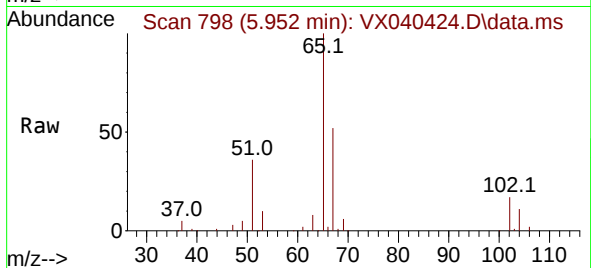
67 50.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

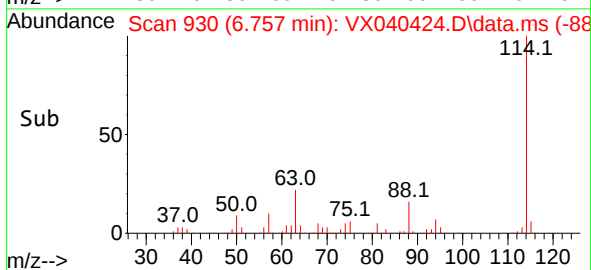
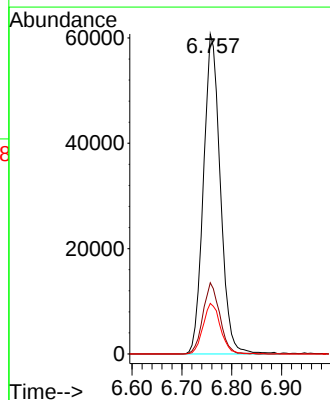
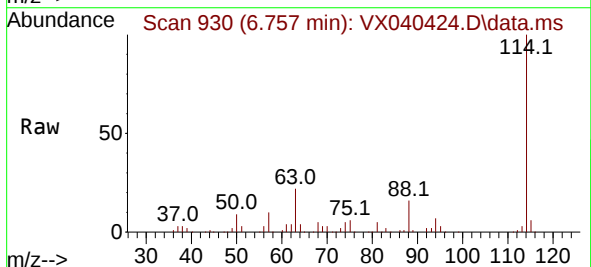
Tgt Ion:114 Resp: 142644

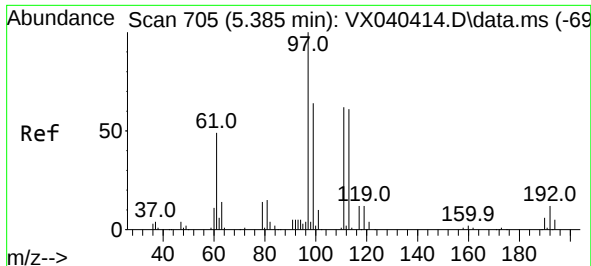
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.389 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 113 Resp: 4459

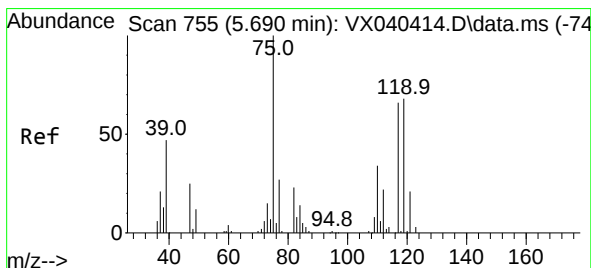
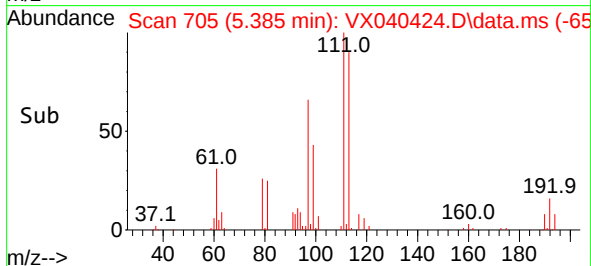
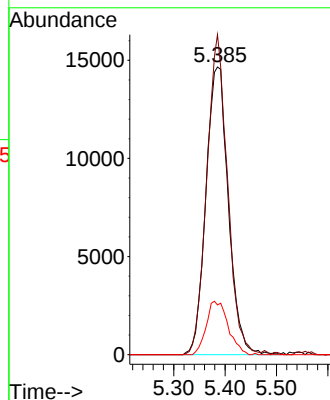
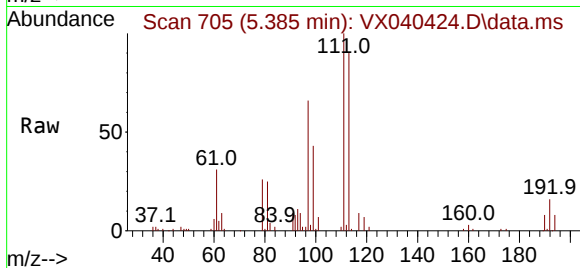
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#36

1,1-Dichloropropene

Concen: 19.383 ug/l

RT: 5.690 min Scan# 755

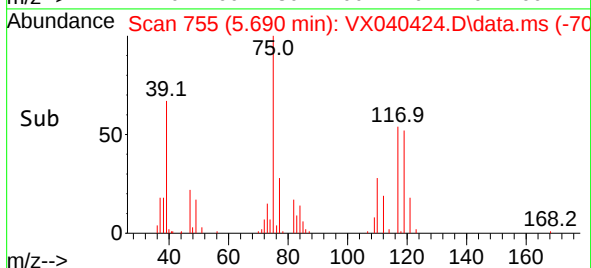
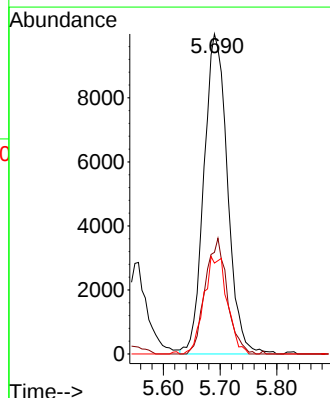
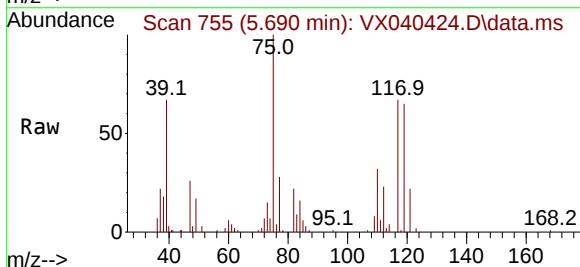
Delta R.T. 0.000 min

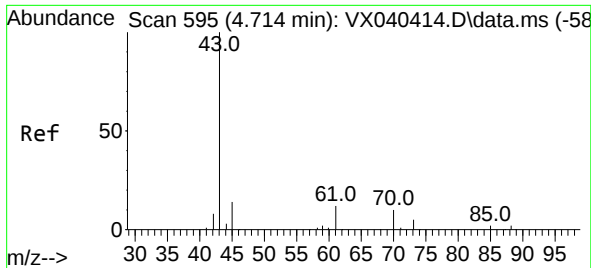
Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Tgt Ion: 75 Resp: 28835

Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	50.9
77	30.3	24.7	37.1





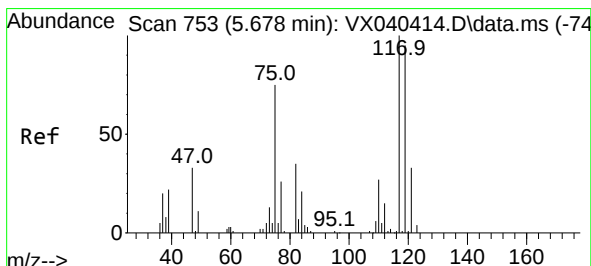
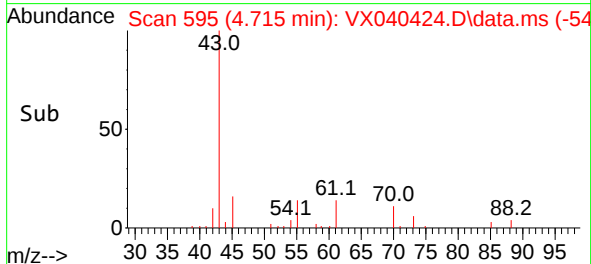
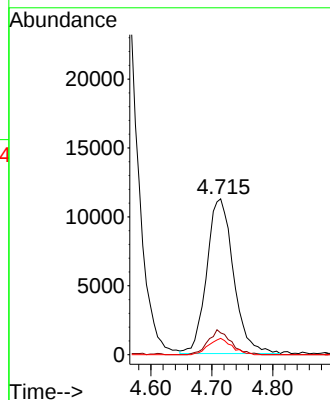
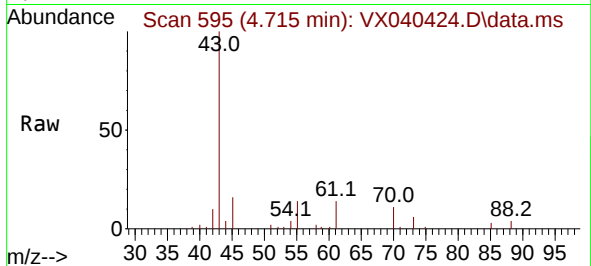
#37
Ethyl Acetate
Concen: 20.161 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 43 Resp: 3426
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 9.1 8.3 12.5

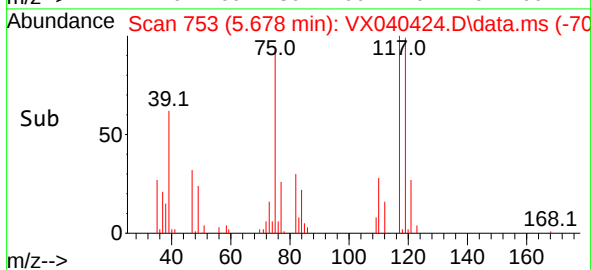
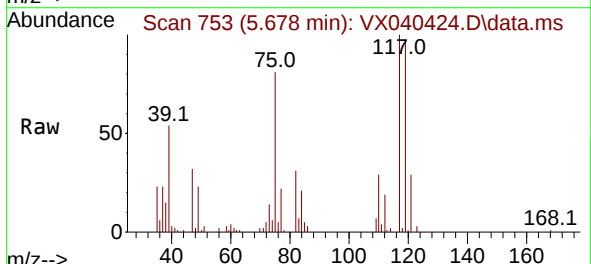
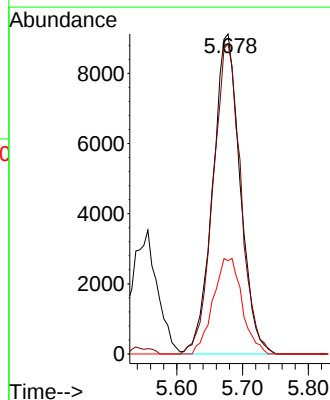
Manual Integrations
APPROVED

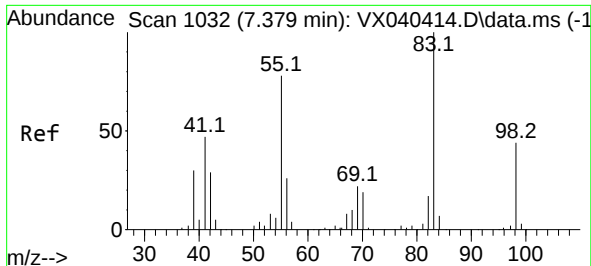
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#38
Carbon Tetrachloride
Concen: 19.204 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion:117 Resp: 26431
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.2
121 29.1 24.4 36.6





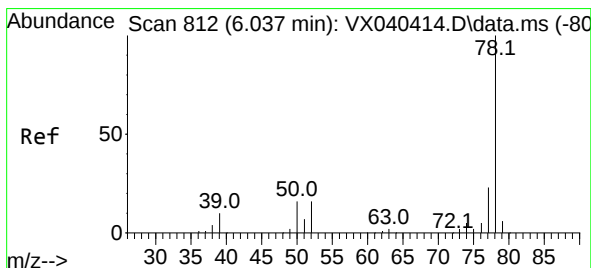
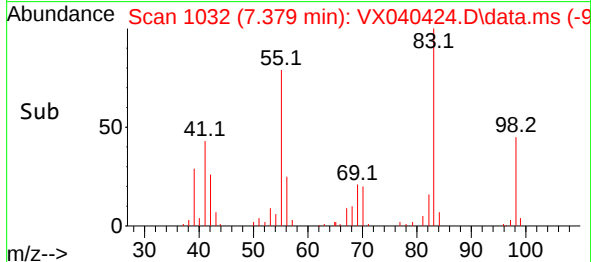
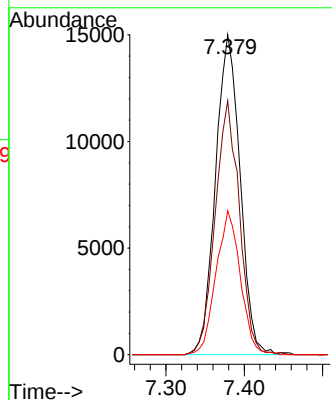
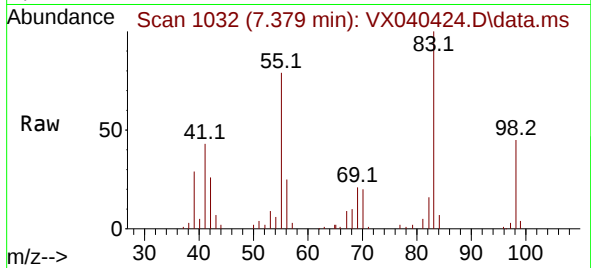
#39
Methylcyclohexane
Concen: 20.747 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 83 Resp: 32709
Ion Ratio Lower Upper
83 100
55 79.3 64.6 97.0
98 45.0 36.7 55.1

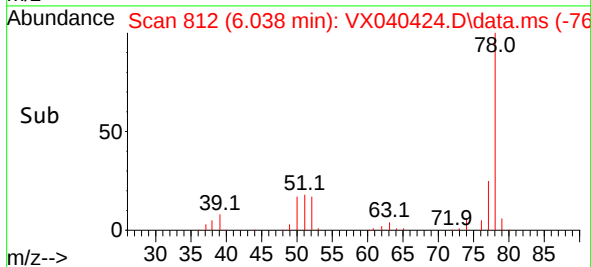
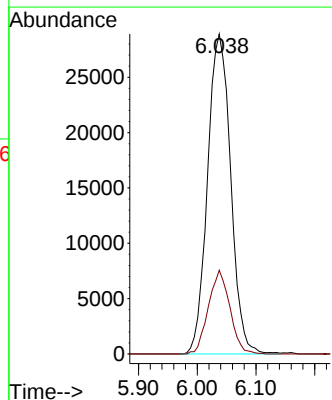
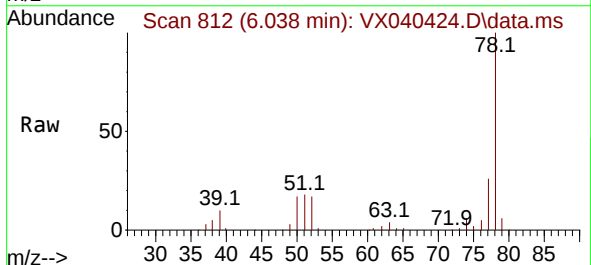
Manual Integrations
APPROVED

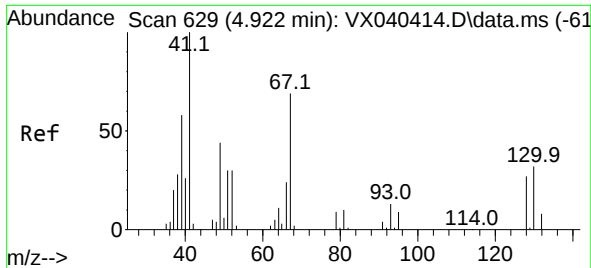
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#40
Benzene
Concen: 19.535 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

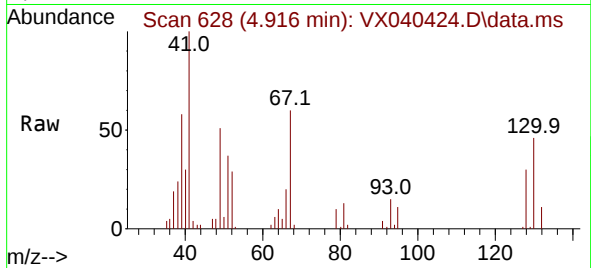
Tgt Ion: 78 Resp: 79059
Ion Ratio Lower Upper
78 100
77 26.2 19.3 28.9





#41
Methacrylonitrile
Concen: 20.605 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

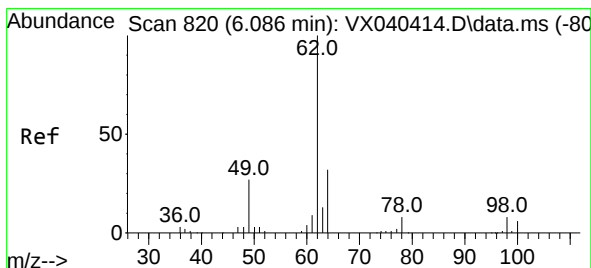
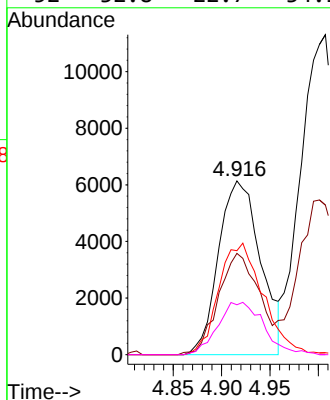
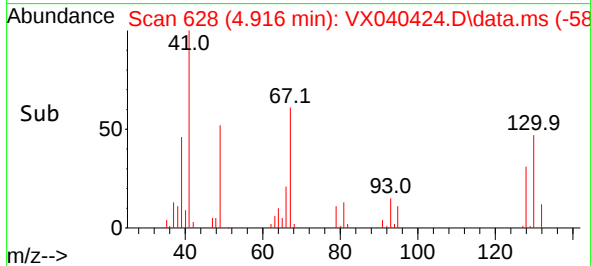
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion: 41 Resp: 18590
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 67.9 52.6 78.8
52 32.8 22.7 34.1

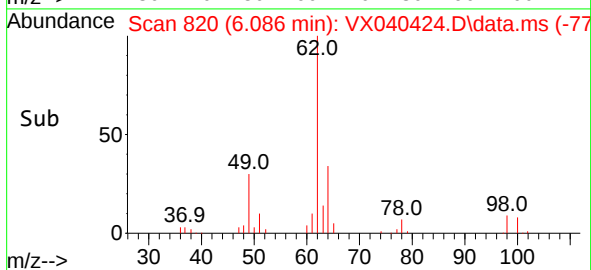
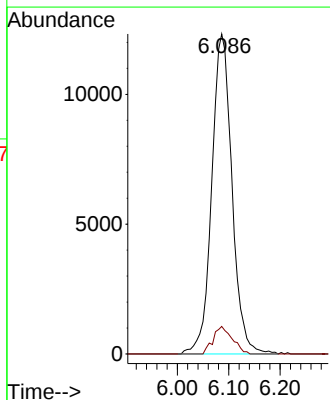
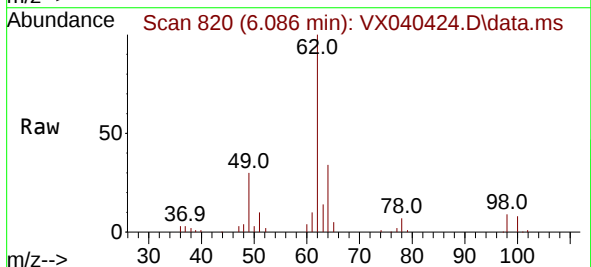
Manual Integrations
APPROVED

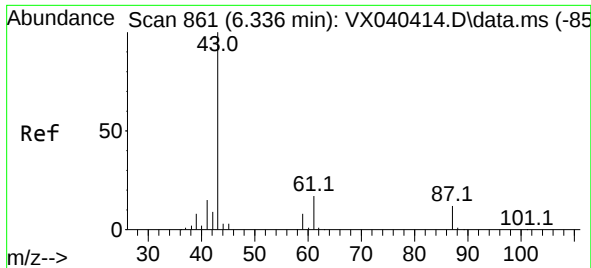
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 20.014 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion: 62 Resp: 33662
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.872 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

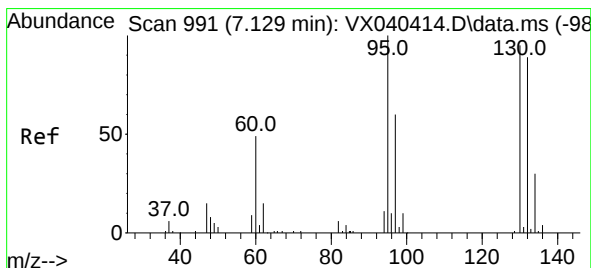
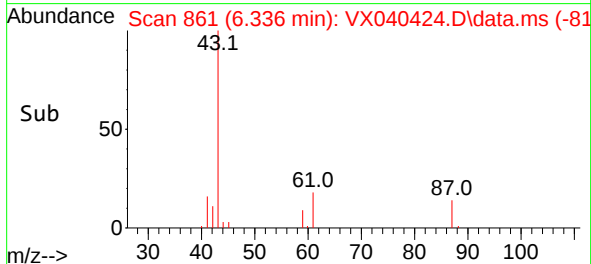
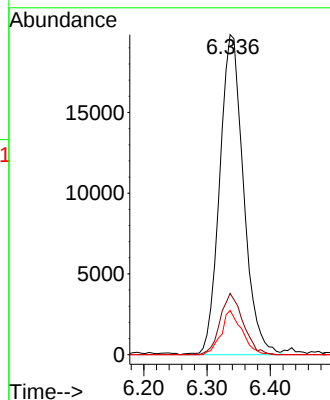
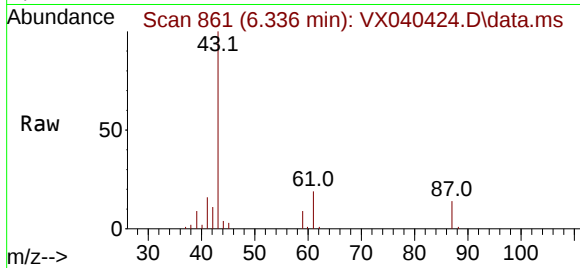
Tgt Ion: 43	Resp: 51824
Ion Ratio	Lower Upper
43 100	
61 18.4	15.2 22.8
87 12.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#44

Trichloroethene

Concen: 19.248 ug/l

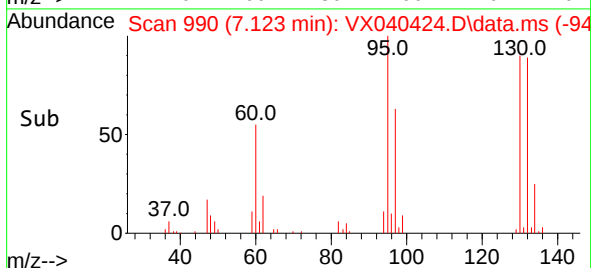
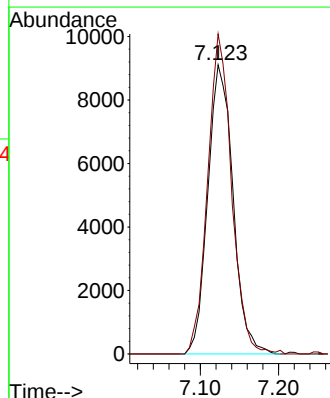
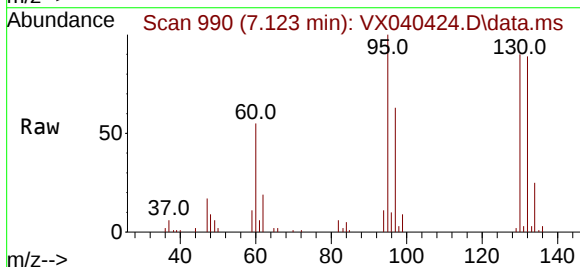
RT: 7.123 min Scan# 990

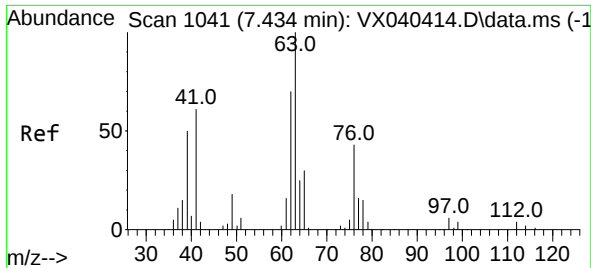
Delta R.T. -0.006 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Tgt Ion:130	Resp: 20373
Ion Ratio	Lower Upper
130 100	
95 110.7	0.0 204.4





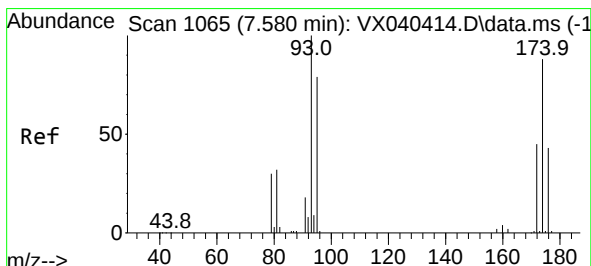
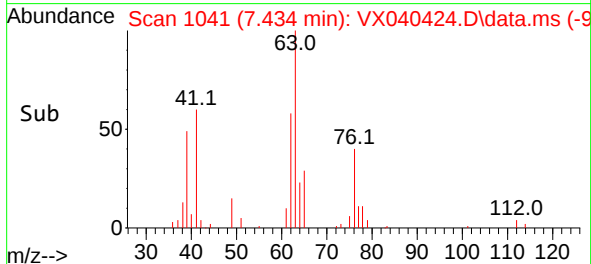
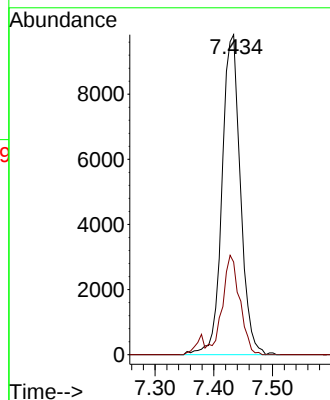
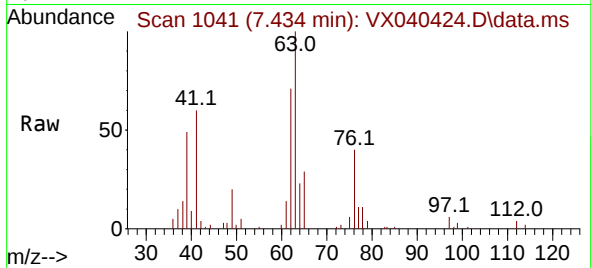
#45
1,2-Dichloropropane
Concen: 19.785 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 63 Resp: 21369
Ion Ratio Lower Upper
63 100
65 29.0 24.3 36.5

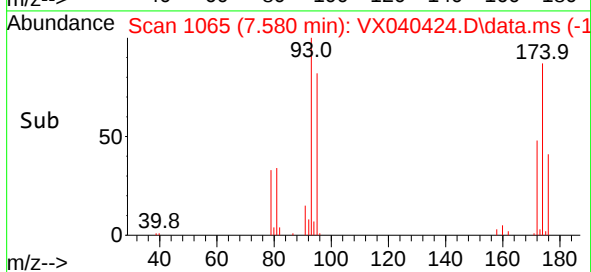
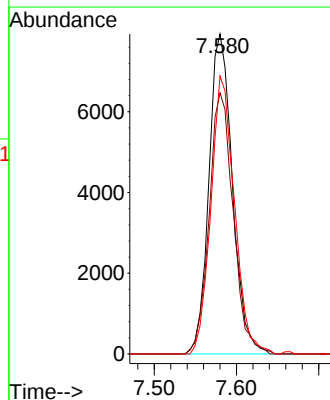
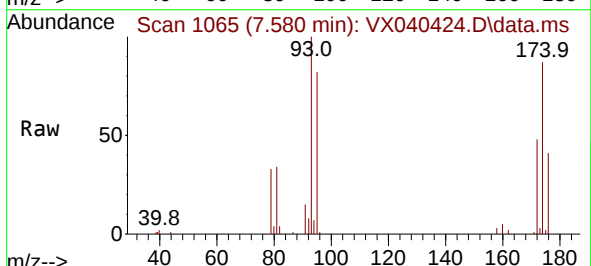
Manual Integrations
APPROVED

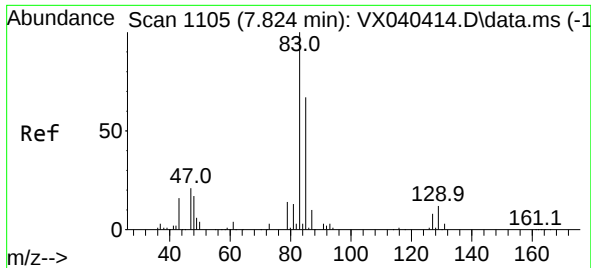
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#46
Dibromomethane
Concen: 19.388 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion: 93 Resp: 15710
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 87.3 69.4 104.0





#47
Bromodichloromethane
Concen: 19.641 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

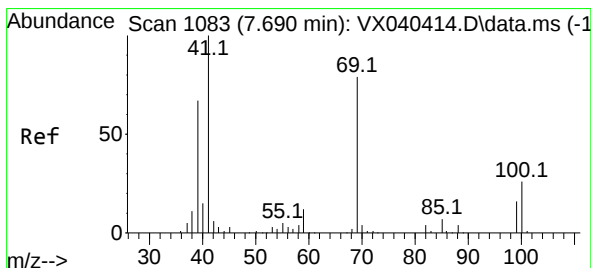
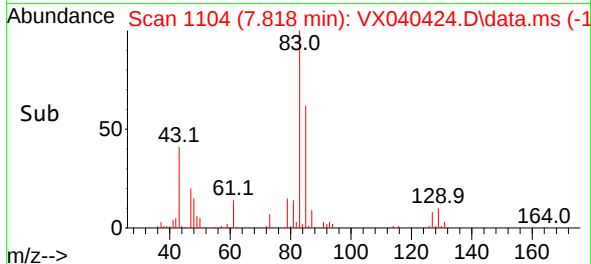
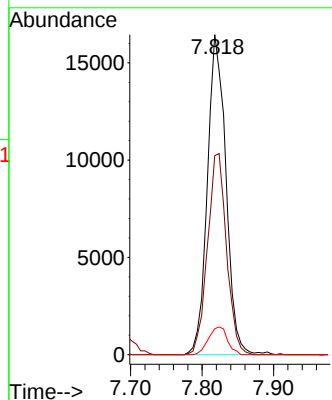
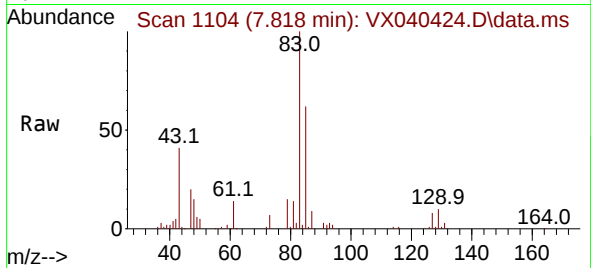
Tgt Ion: 83 Resp: 29620
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 8.1 7.1 10.7

Manual Integrations

APPROVED

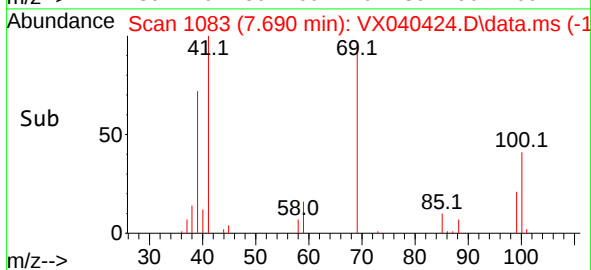
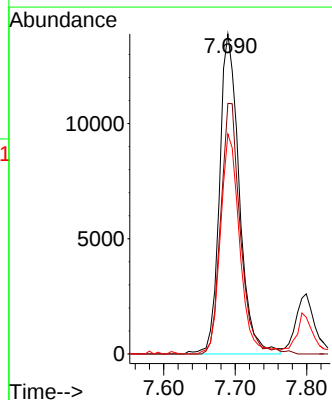
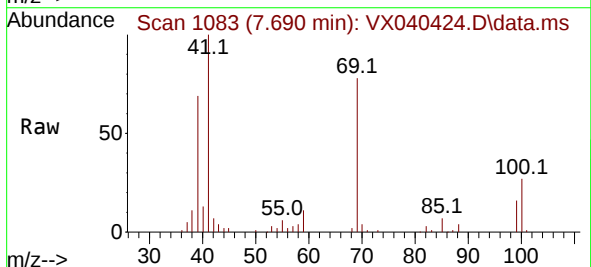
Reviewed By :John Carlone 02/26/2024

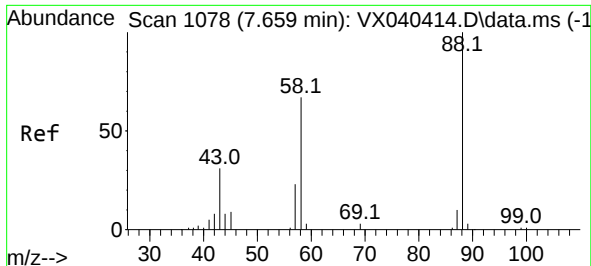
Supervised By :Mahesh Dadoda 02/26/2024



#48
Methyl methacrylate
Concen: 20.586 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion: 41 Resp: 26588
Ion Ratio Lower Upper
41 100
69 78.1 59.2 88.8
39 67.3 47.7 71.5





#49

1,4-Dioxane

Concen: 430.998 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

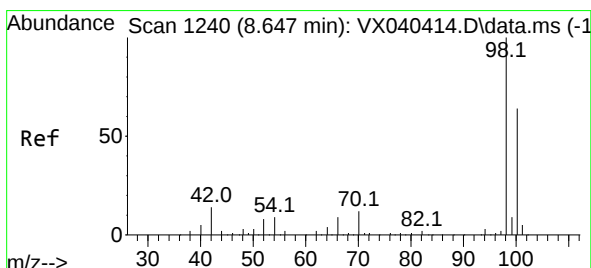
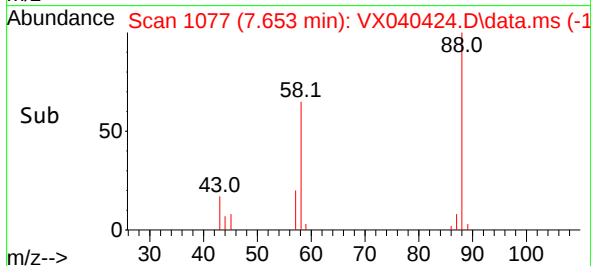
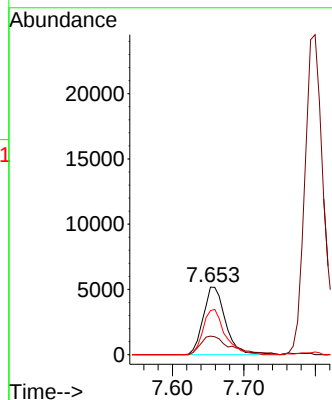
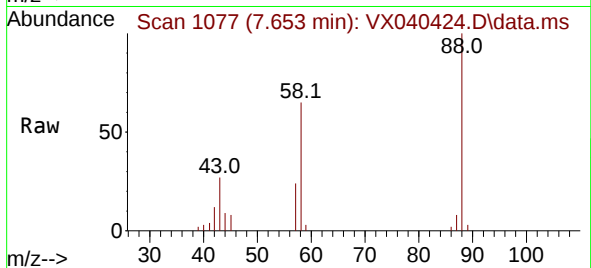
Tgt Ion: 88 Resp: 11220
 Ion Ratio Lower Upper
 88 100
 43 37.0 0.0 0.0
 58 65.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#50

Toluene-d8

Concen: 47.069 ug/l

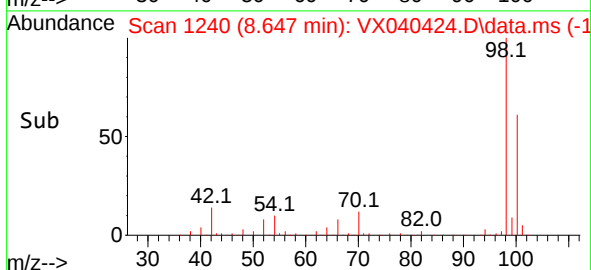
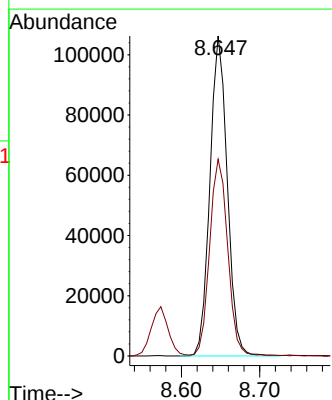
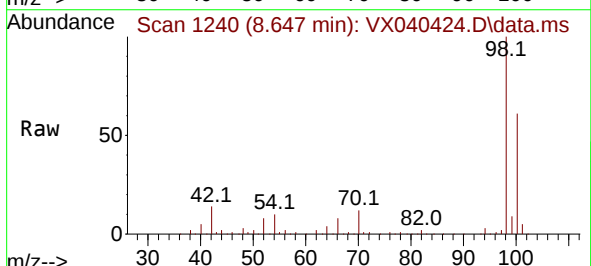
RT: 8.647 min Scan# 1240

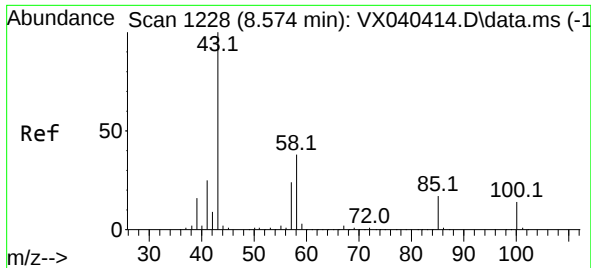
Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

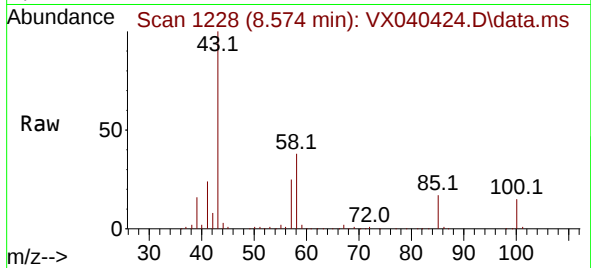
Tgt Ion: 98 Resp: 163430
 Ion Ratio Lower Upper
 98 100
 100 63.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 101.149 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

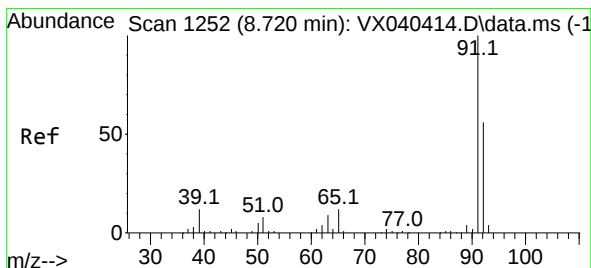
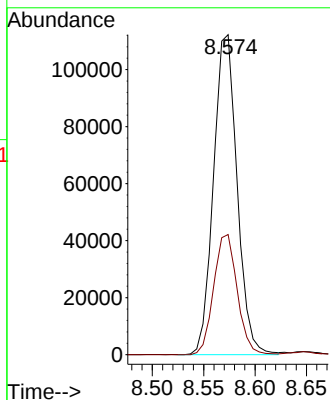
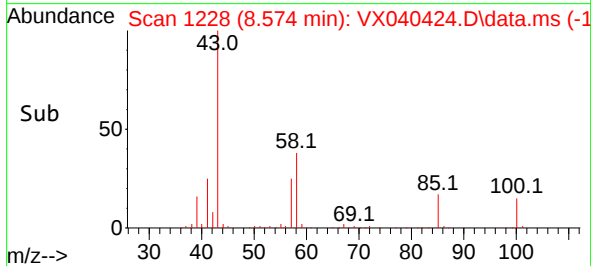
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



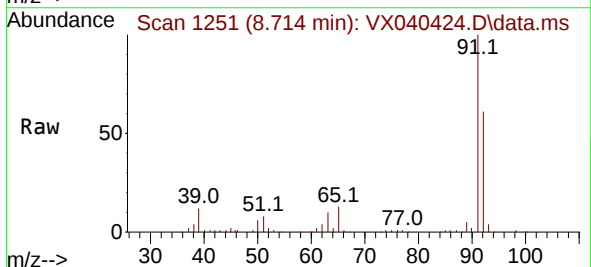
Tgt Ion: 43 Resp: 179160
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6

Manual Integrations
APPROVED

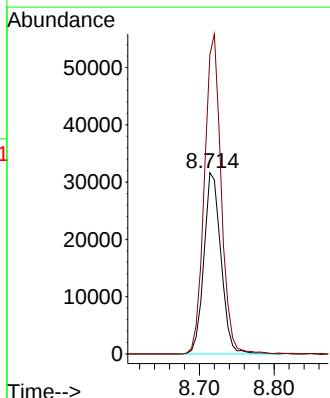
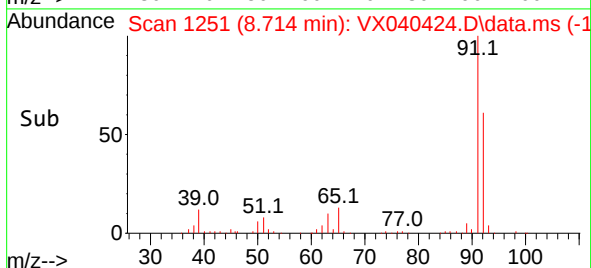
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

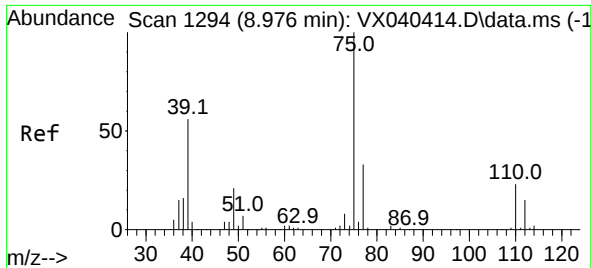


#52
Toluene
Concen: 20.180 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



Tgt Ion: 92 Resp: 50049
Ion Ratio Lower Upper
92 100
91 173.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.372 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion: 75 Resp: 3097

Ion Ratio Lower Upper

75 100

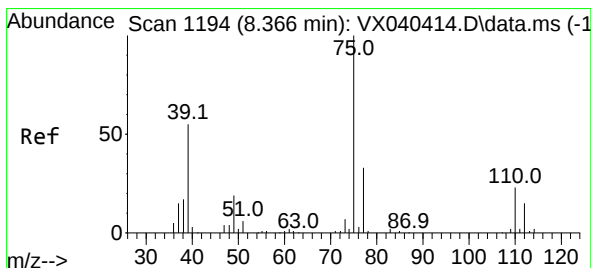
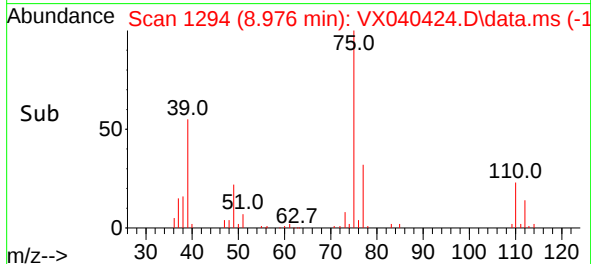
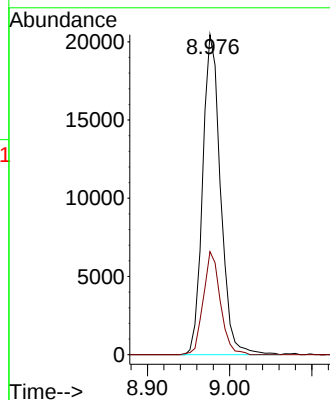
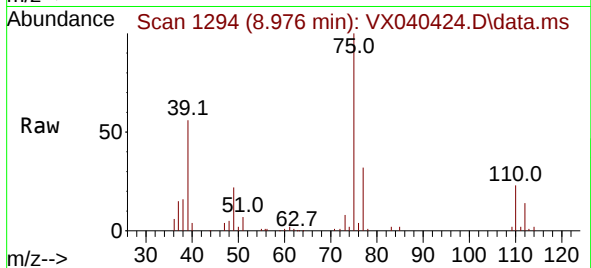
77 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#54

cis-1,3-Dichloropropene

Concen: 20.153 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

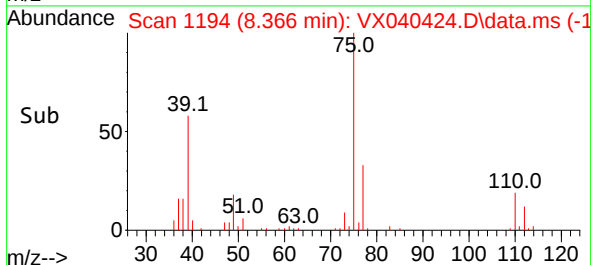
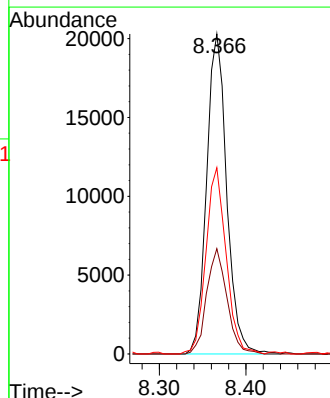
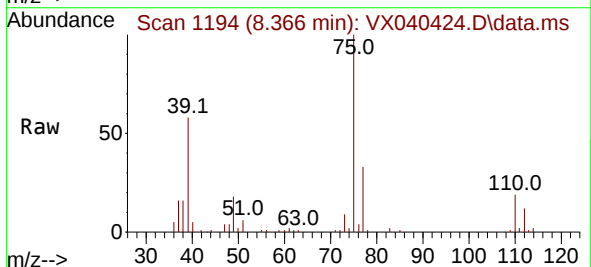
Tgt Ion: 75 Resp: 32641

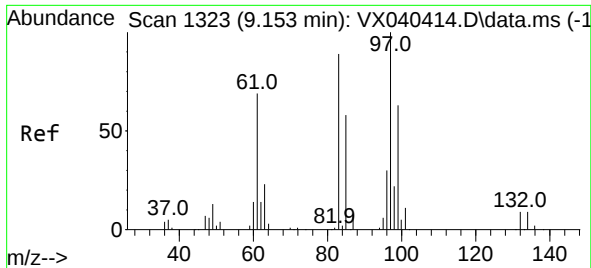
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

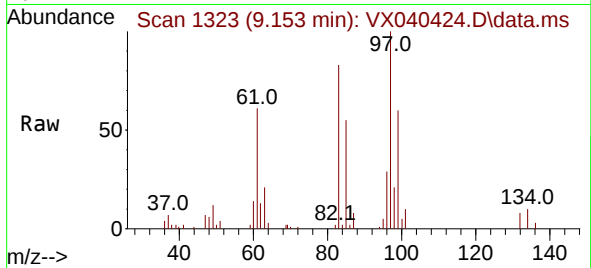
39 58.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.026 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

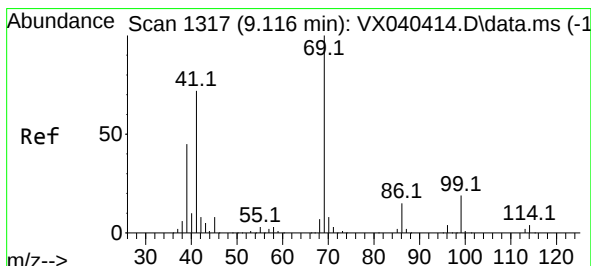
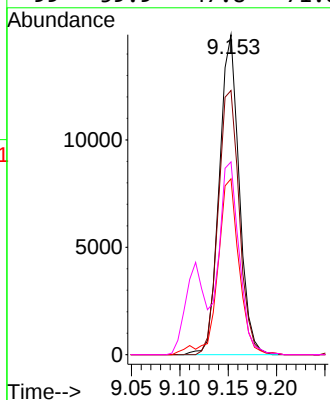
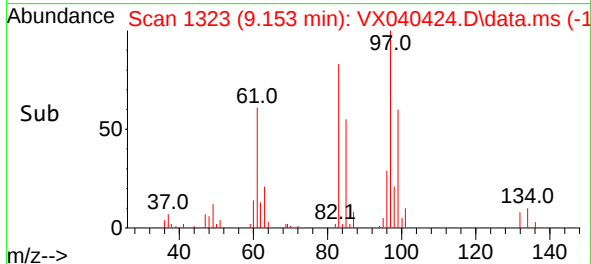


Tgt Ion: 97 Resp: 21260

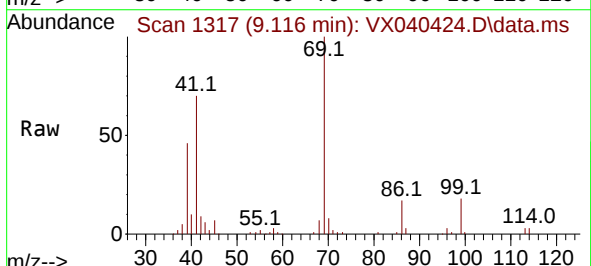
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.8
85	54.6	41.6	62.4
99	59.9	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

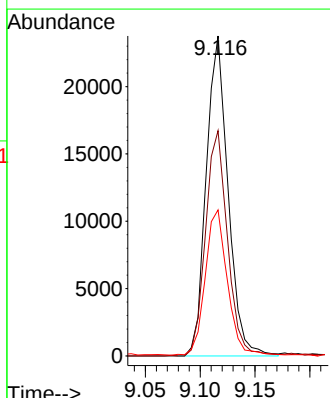
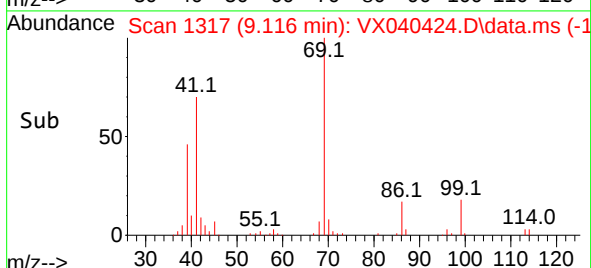


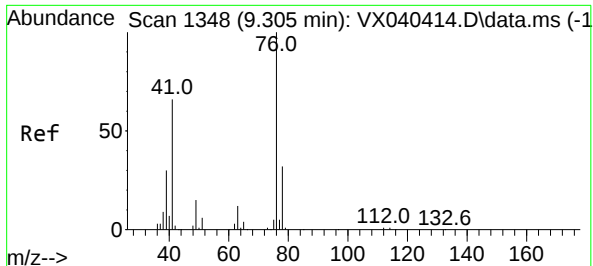
#56
Ethyl methacrylate
Concen: 20.288 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



Tgt Ion: 69 Resp: 32920

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.8	85.2
39	45.9	32.0	48.0





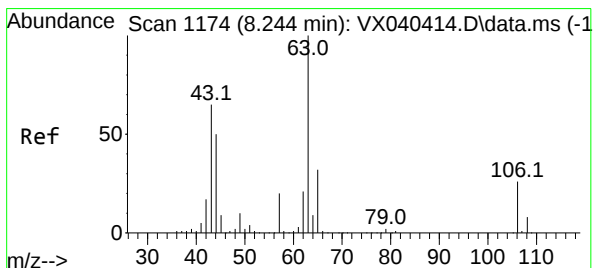
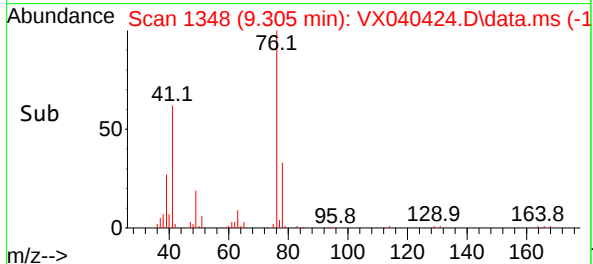
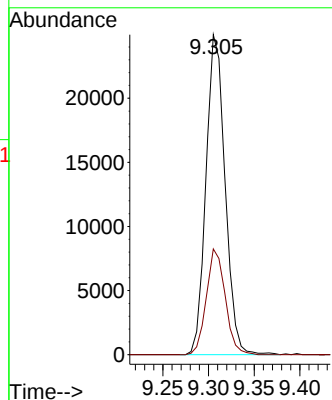
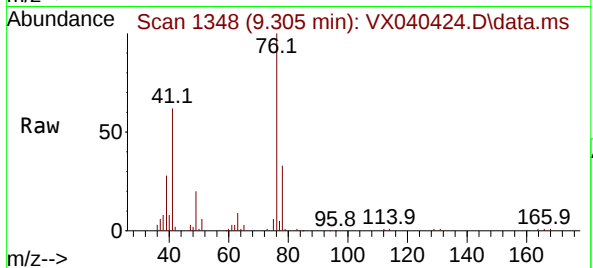
#57
1,3-Dichloropropane
Concen: 19.558 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 76 Resp: 3618
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

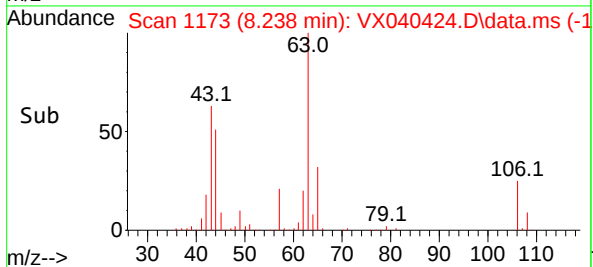
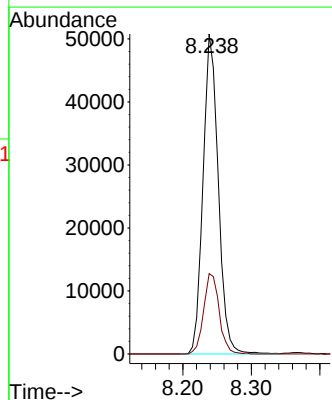
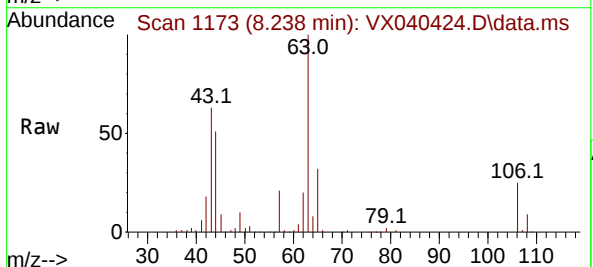
Manual Integrations
APPROVED

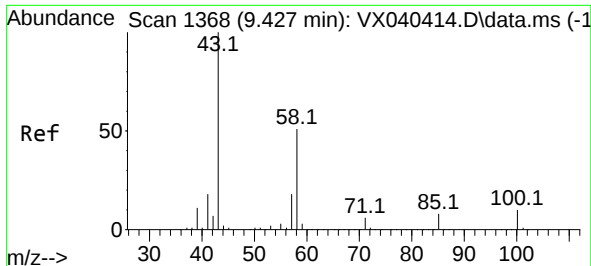
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 96.712 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

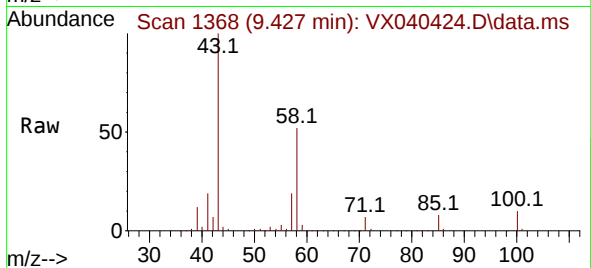
Tgt Ion: 63 Resp: 78685
Ion Ratio Lower Upper
63 100
106 25.6 22.5 33.7





#59
2-Hexanone
Concen: 104.385 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

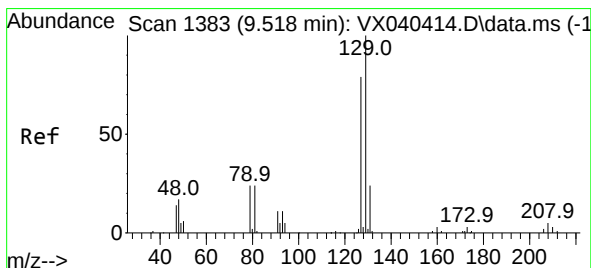
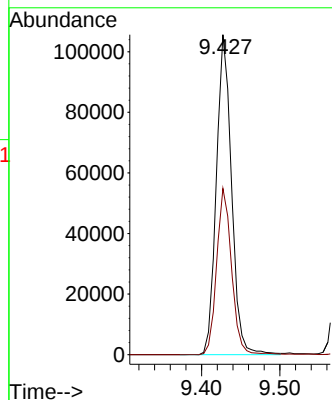
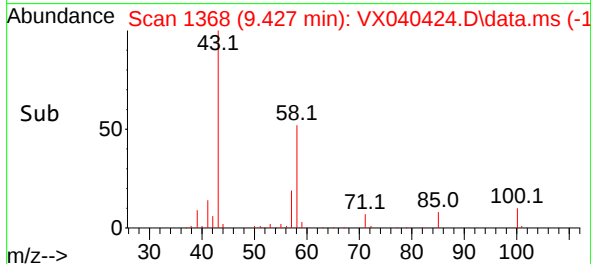
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion: 43 Resp: 142590
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.5

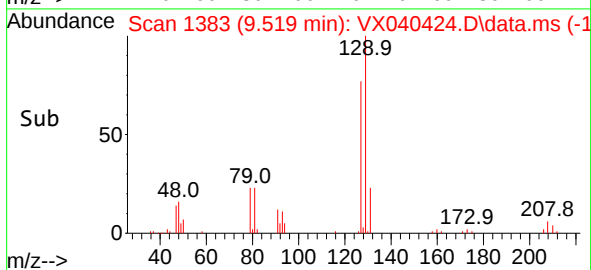
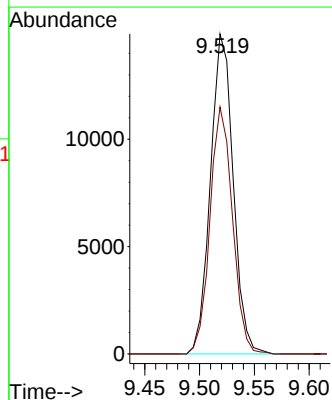
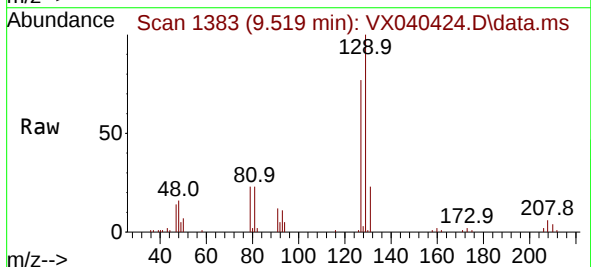
Manual Integrations
APPROVED

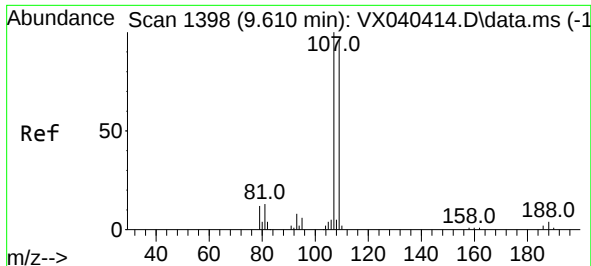
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 20.227 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

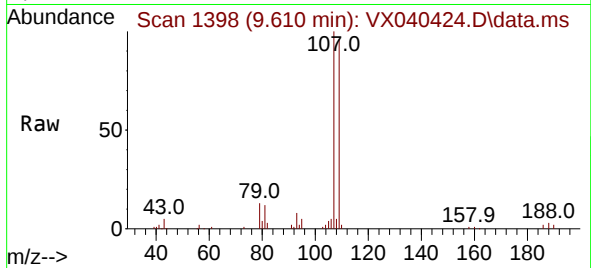
Tgt Ion:129 Resp: 21539
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.169 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

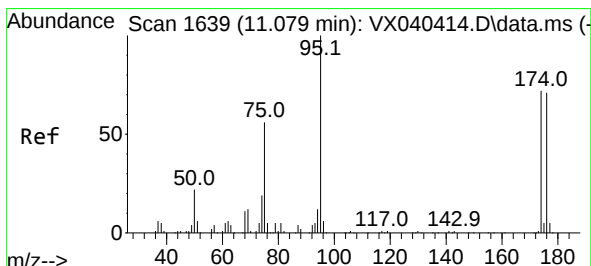
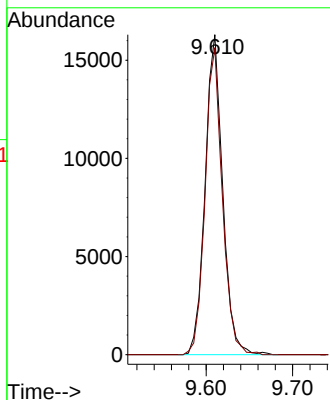
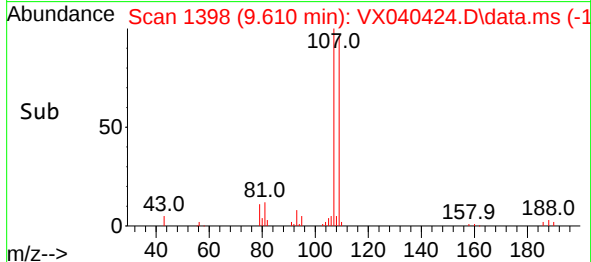
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion:107 Resp: 2302
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

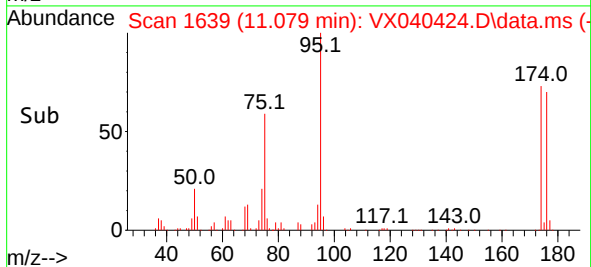
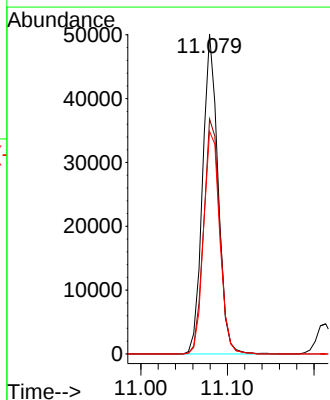
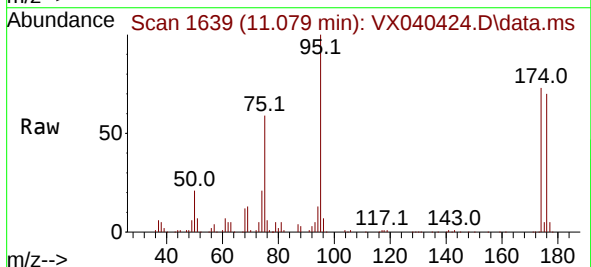
Manual Integrations
APPROVED

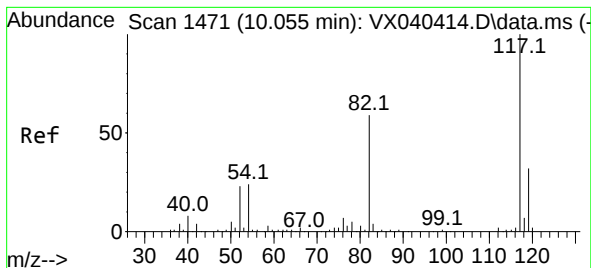
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

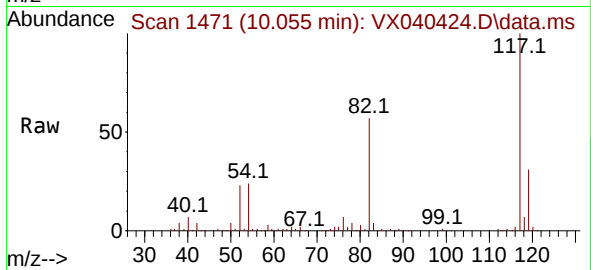
Tgt Ion: 95 Resp: 61870
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 73.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

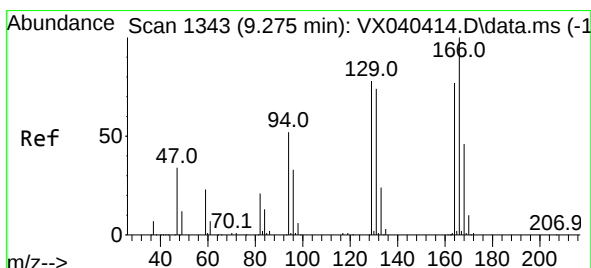
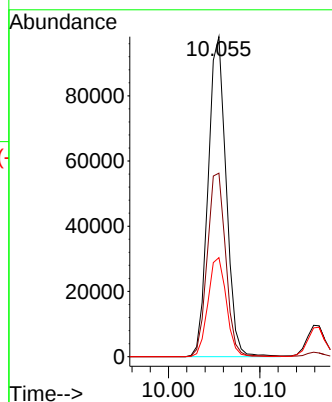
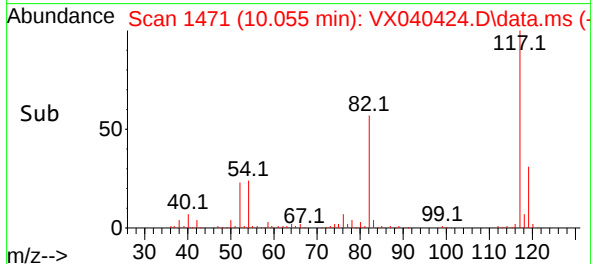
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion:117 Resp: 134140
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 30.9 25.5 38.3

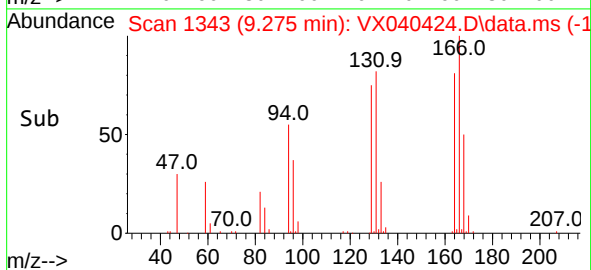
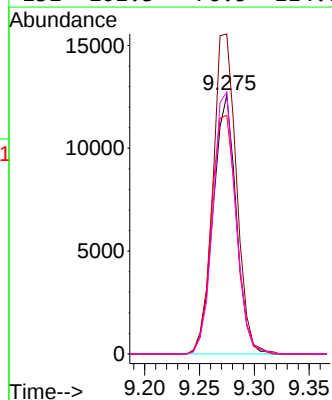
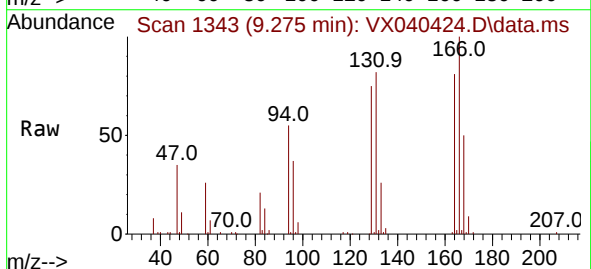
Manual Integrations
APPROVED

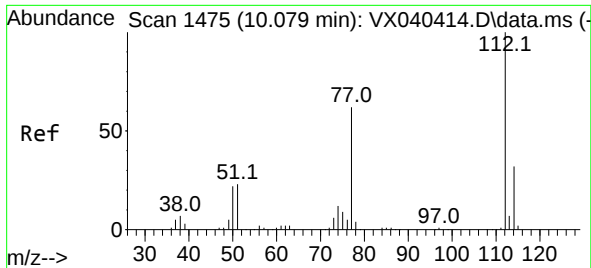
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Tetrachloroethene
Concen: 18.632 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion:164 Resp: 18294
Ion Ratio Lower Upper
164 100
166 123.7 102.7 154.1
129 92.3 80.4 120.6
131 101.3 76.5 114.7





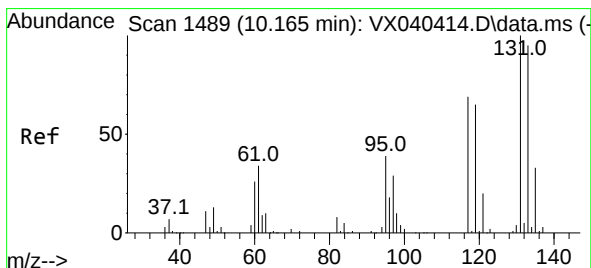
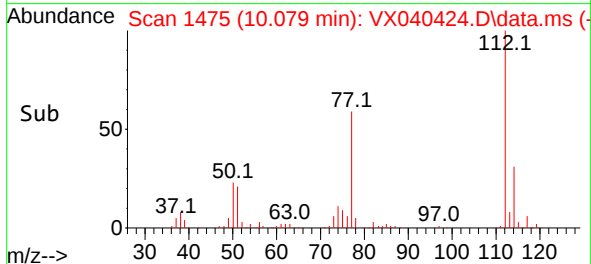
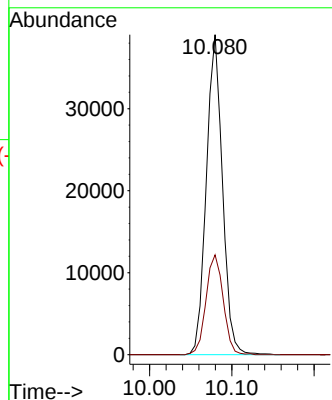
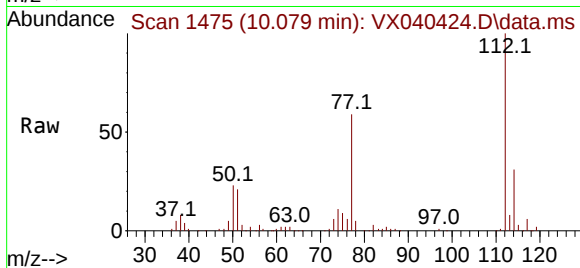
#65
Chlorobenzene
Concen: 19.669 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion:112 Resp: 5313
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

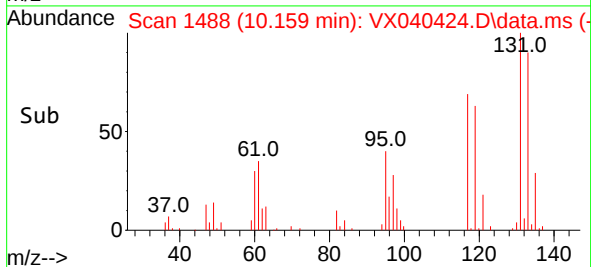
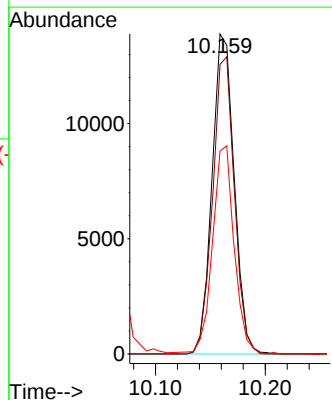
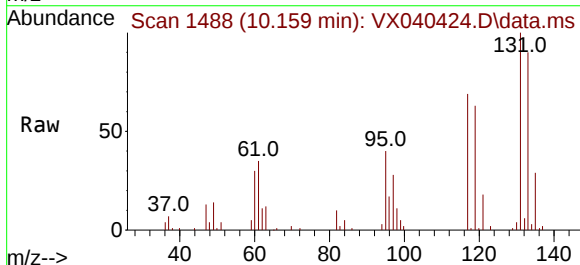
Manual Integrations
APPROVED

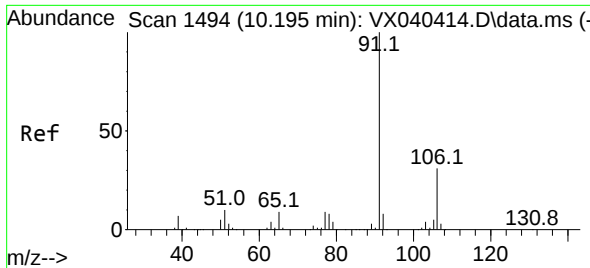
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.629 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

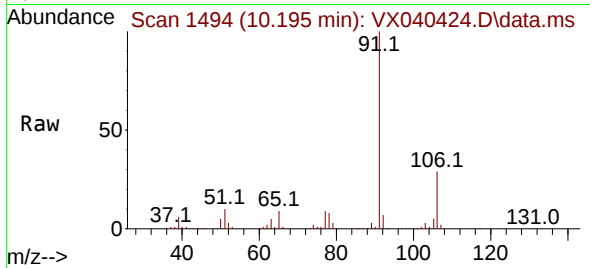
Tgt Ion:131 Resp: 19490
Ion Ratio Lower Upper
131 100
133 91.5 47.1 141.4
119 63.6 32.2 96.6





#67
Ethyl Benzene
Concen: 19.687 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

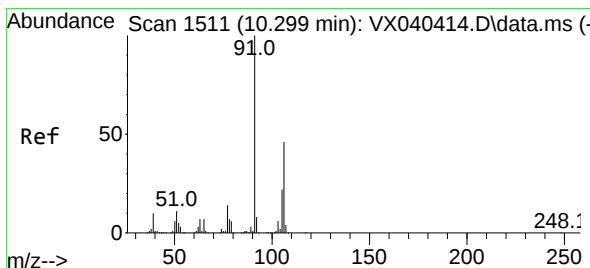
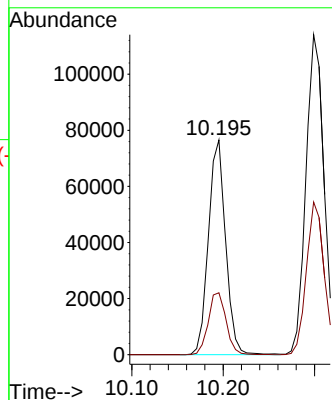
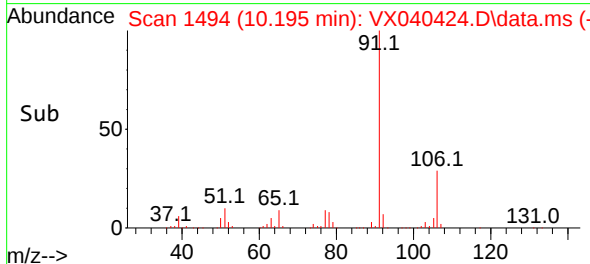
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



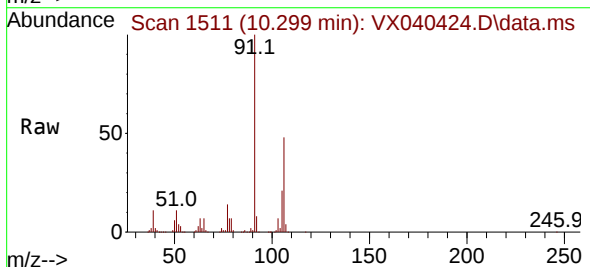
Tgt Ion: 91 Resp: 99775
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3

Manual Integrations
APPROVED

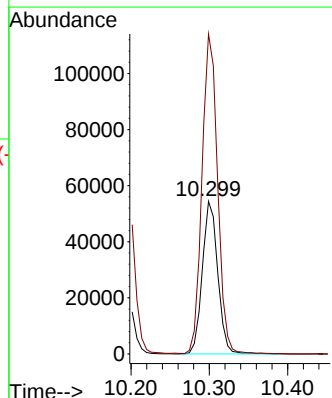
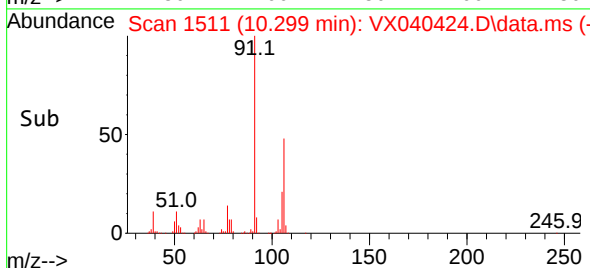
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

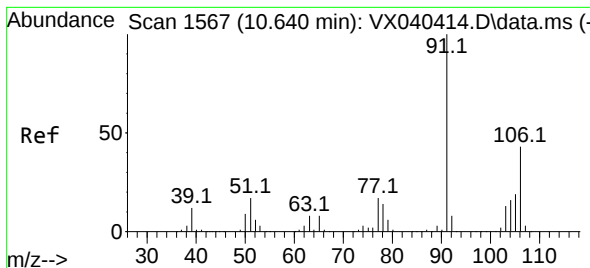


#68
m/p-Xylenes
Concen: 40.226 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



Tgt Ion:106 Resp: 74337
Ion Ratio Lower Upper
106 100
91 212.8 165.5 248.3





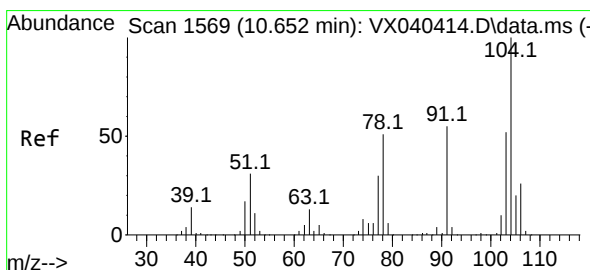
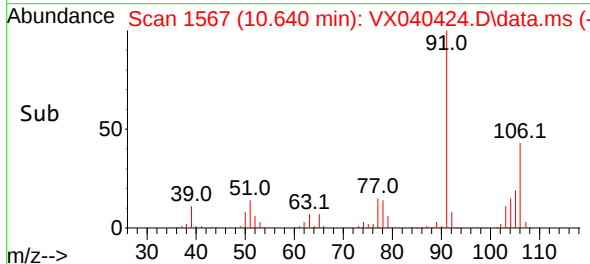
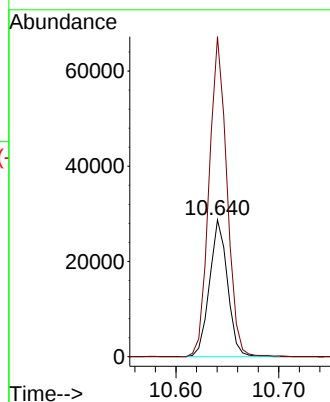
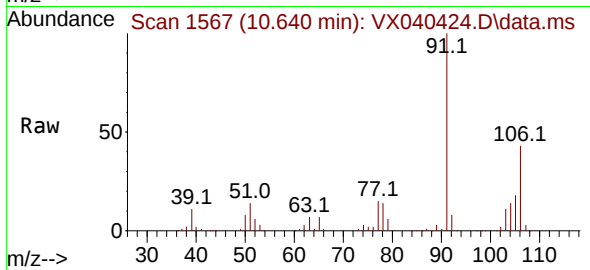
#69
o-Xylene
Concen: 19.090 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion:106 Resp: 34870
Ion Ratio Lower Upper
106 100
91 232.8 108.9 326.8

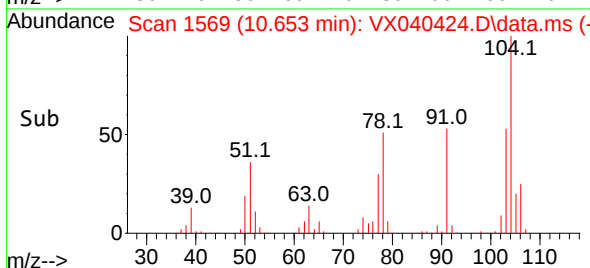
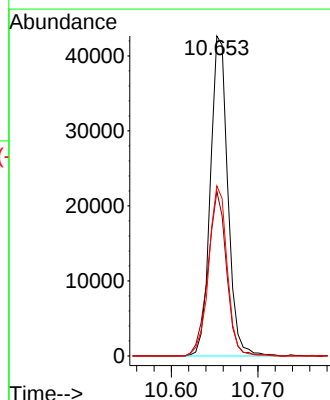
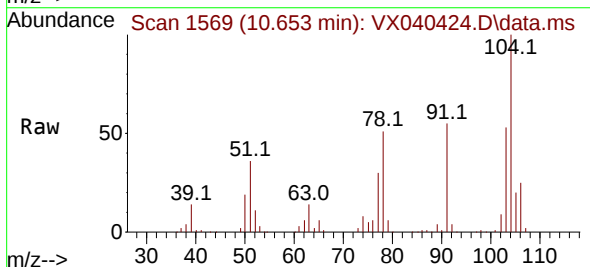
Manual Integrations
APPROVED

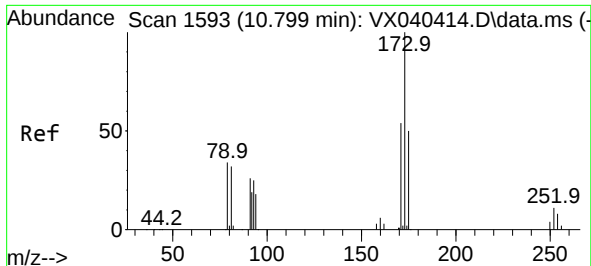
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#70
Styrene
Concen: 19.834 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

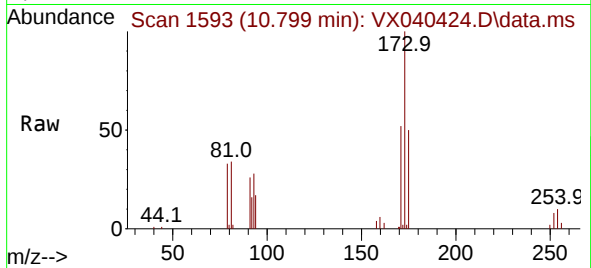
Tgt Ion:104 Resp: 59722
Ion Ratio Lower Upper
104 100
78 54.9 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 19.632 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

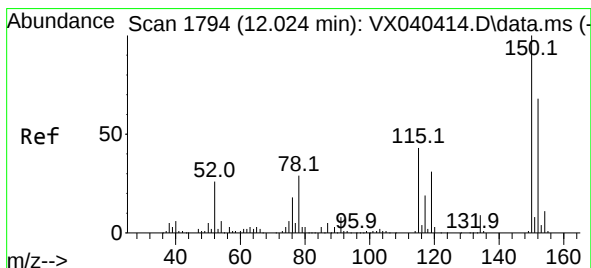
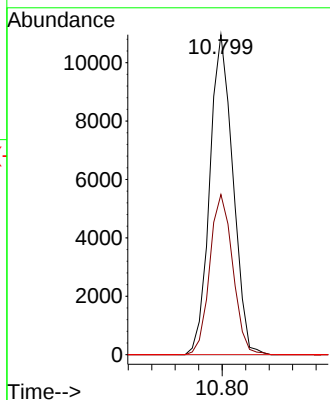
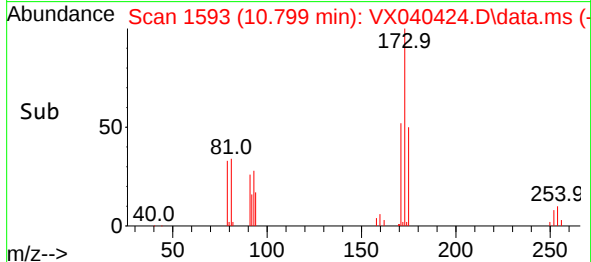
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion:173 Resp: 1499
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.4
254 0.0 0.0 0.0

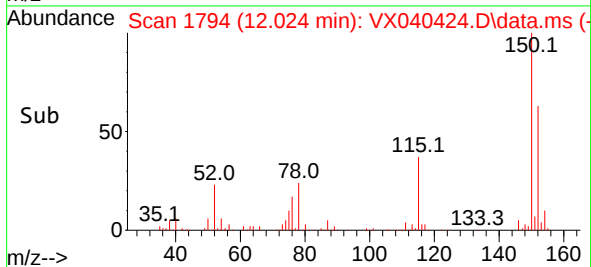
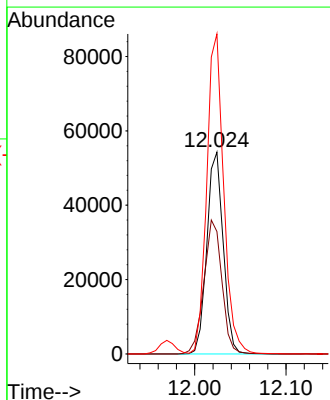
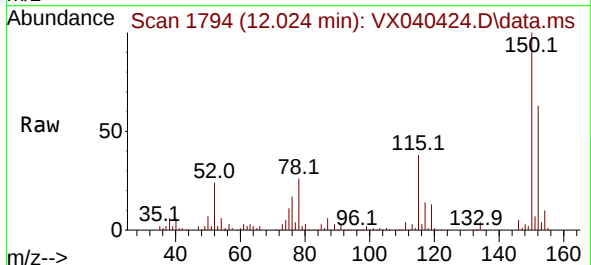
Manual Integrations
APPROVED

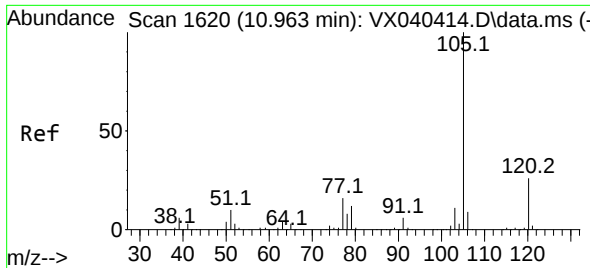
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

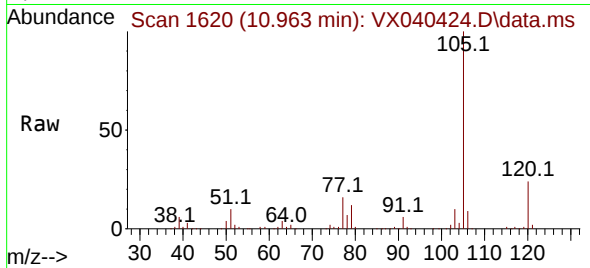
Tgt Ion:152 Resp: 67130
Ion Ratio Lower Upper
152 100
115 73.1 43.3 129.9
150 164.6 0.0 345.0





#73
Isopropylbenzene
Concen: 20.457 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

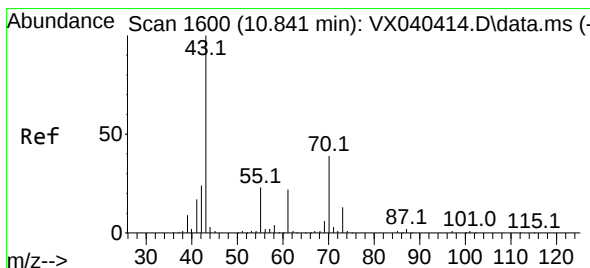
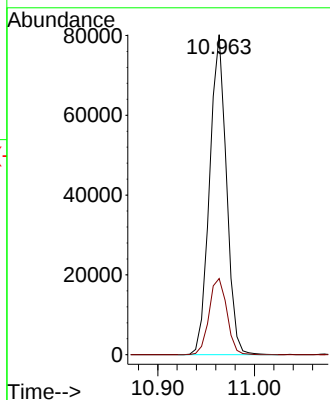
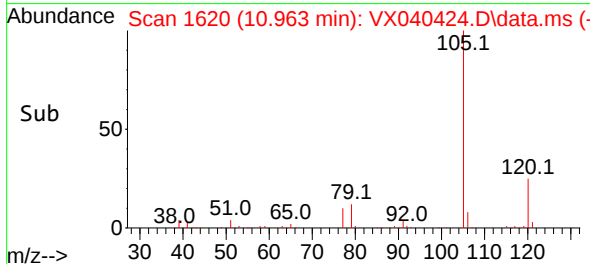
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



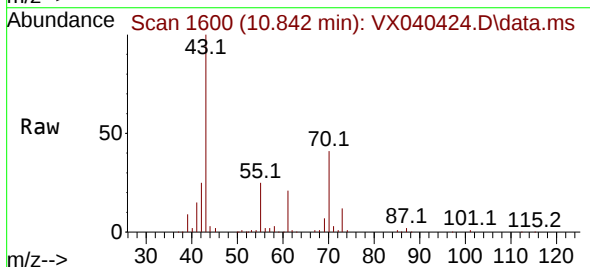
Tgt Ion:105 Resp: 9716
Ion Ratio Lower Upper
105 100
120 25.1 12.9 38.6

Manual Integrations
APPROVED

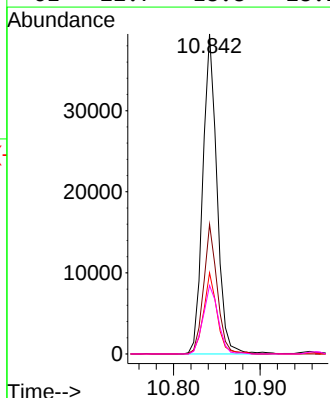
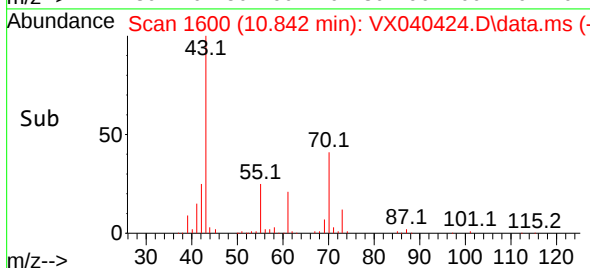
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

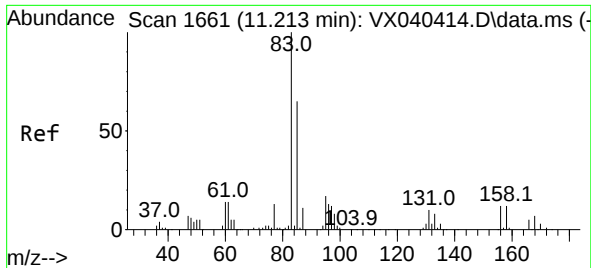


#74
N-ethyl acetate
Concen: 20.299 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



Tgt Ion: 43 Resp: 44735
Ion Ratio Lower Upper
43 100
70 39.0 32.9 49.3
55 24.2 19.3 28.9
61 22.7 18.8 28.2





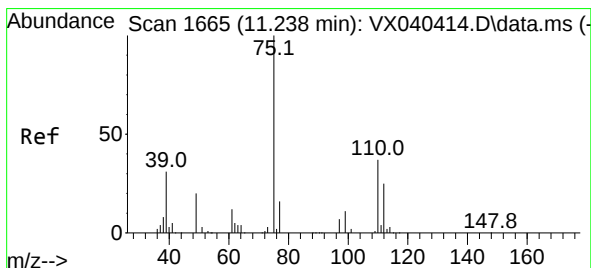
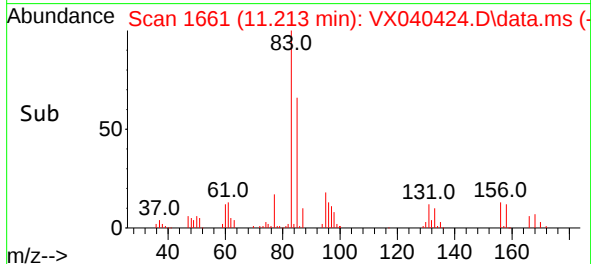
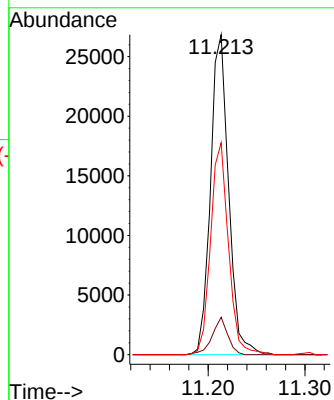
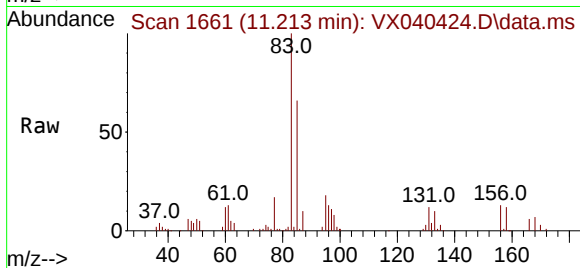
#75
1,1,2,2-Tetrachloroethane
Concen: 20.575 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 83 Resp: 34938
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 65.3 32.0 96.2

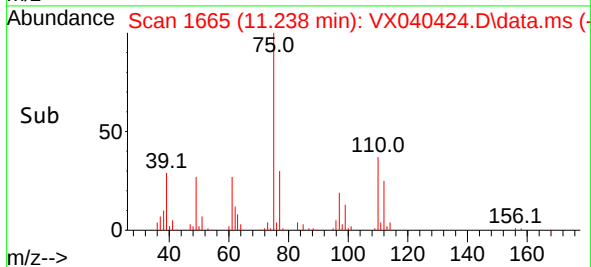
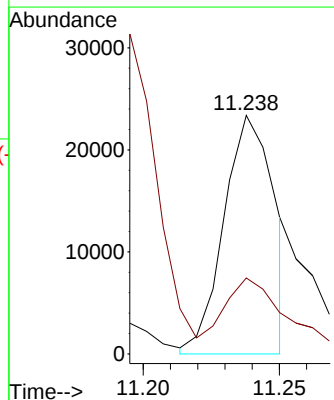
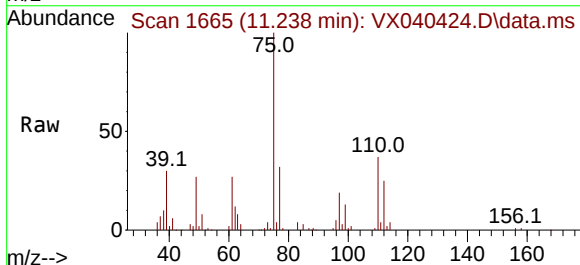
Manual Integrations
APPROVED

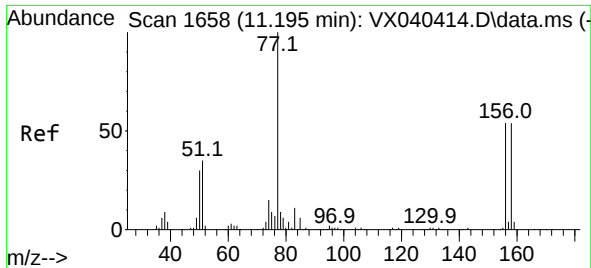
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,2,3-Trichloropropane
Concen: 20.147 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

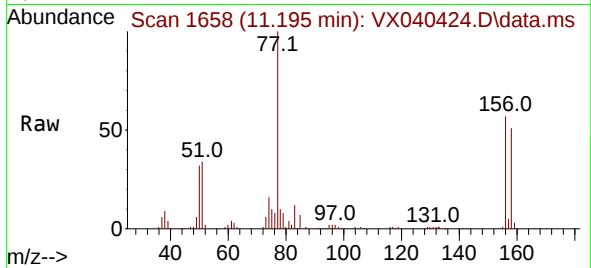
Tgt Ion: 75 Resp: 30074
Ion Ratio Lower Upper
75 100
77 40.9 19.1 57.5





#77
Bromobenzene
Concen: 19.626 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

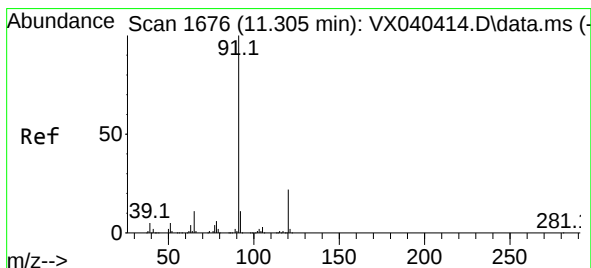
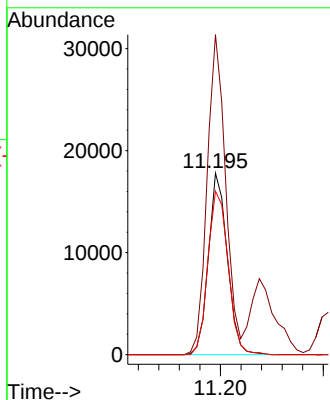
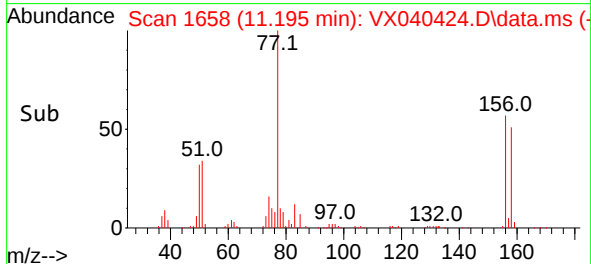
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



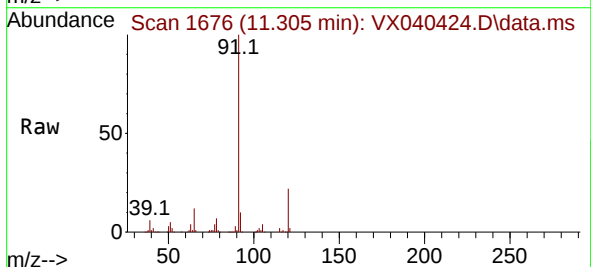
Tgt Ion:156 Resp: 22778
Ion Ratio Lower Upper
156 100
77 172.2 88.4 265.3
158 96.5 48.0 144.0

Manual Integrations
APPROVED

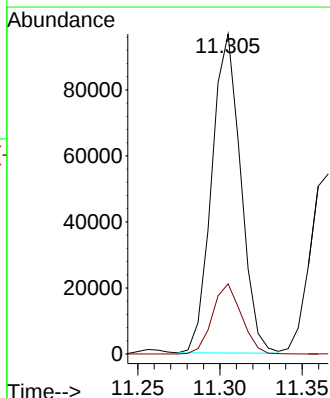
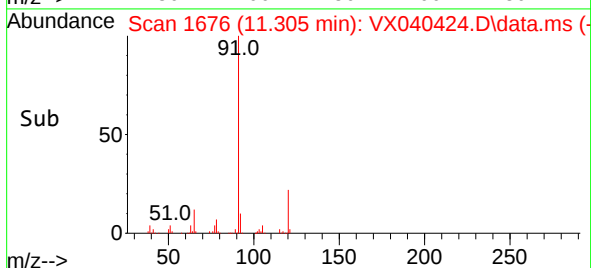
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

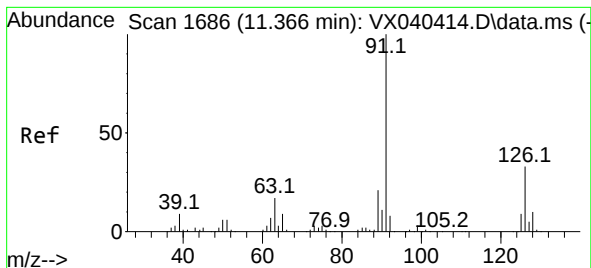


#78
n-propylbenzene
Concen: 20.187 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



Tgt Ion: 91 Resp: 118438
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





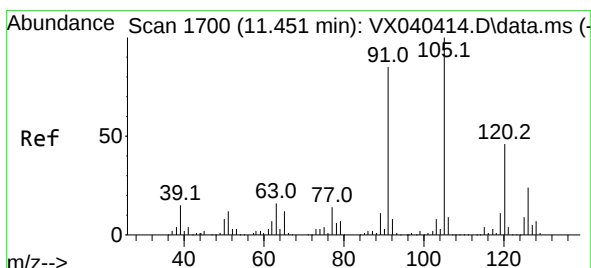
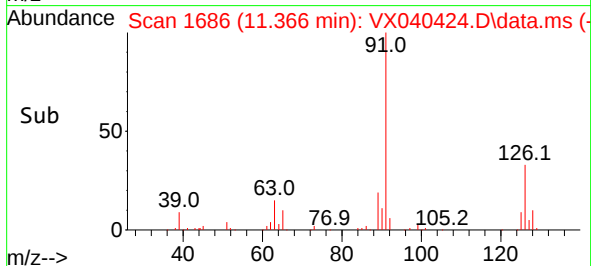
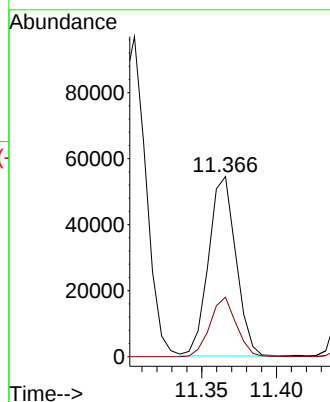
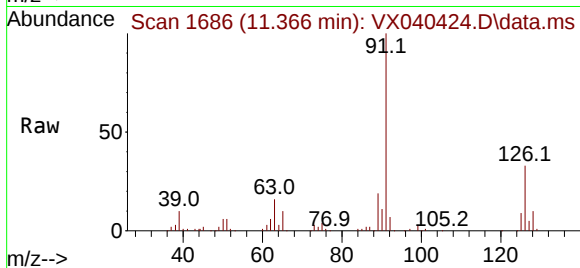
#79
2-Chlorotoluene
Concen: 19.792 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 91 Resp: 6930
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

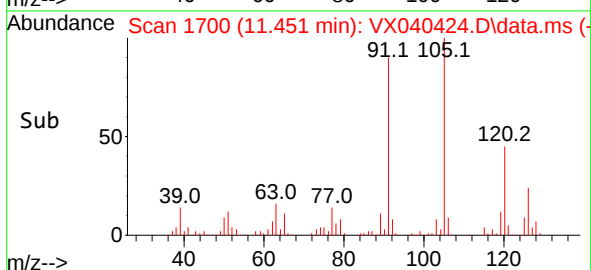
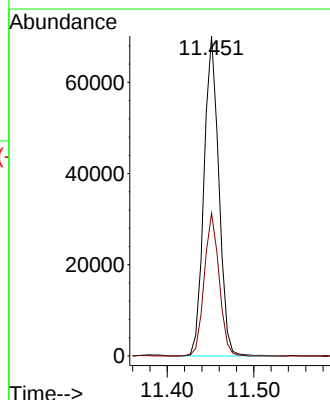
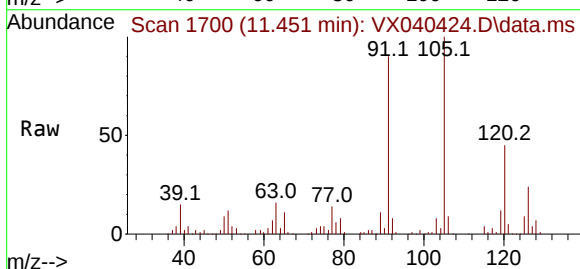
Manual Integrations
APPROVED

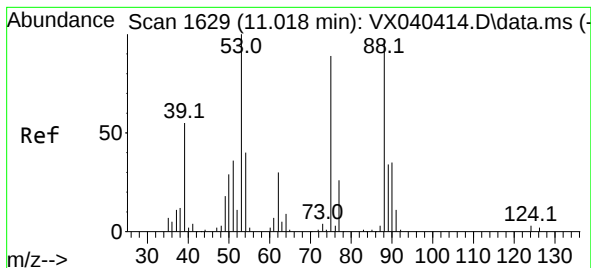
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.705 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Tgt Ion:105 Resp: 83550
Ion Ratio Lower Upper
105 100
120 44.6 24.1 72.3





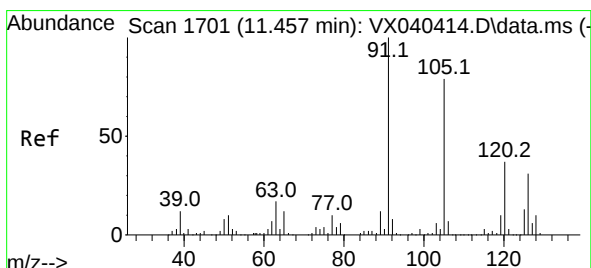
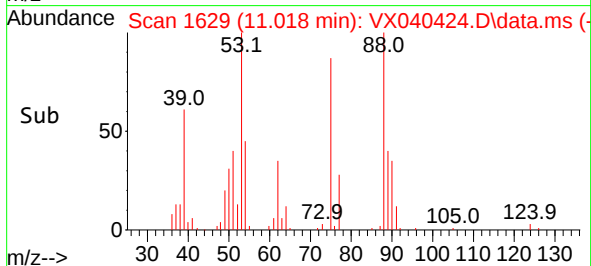
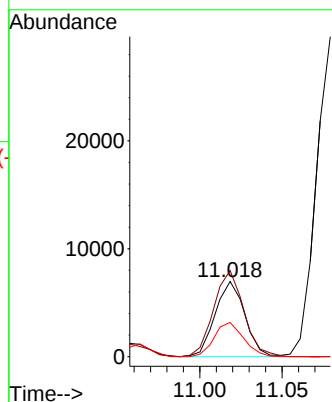
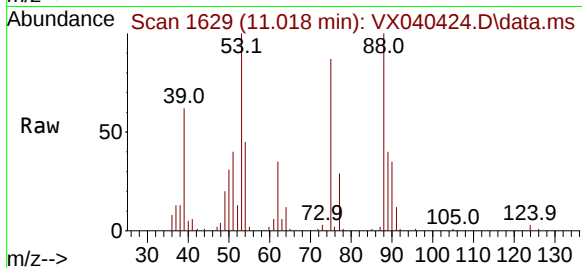
#81
trans-1,4-Dichloro-2-butene
Concen: 20.406 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01

Tgt Ion: 75 Resp: 8754
Ion Ratio Lower Upper
75 100
53 116.2 90.5 135.7
89 44.8 36.9 55.3

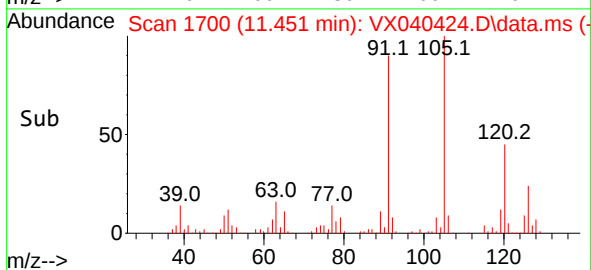
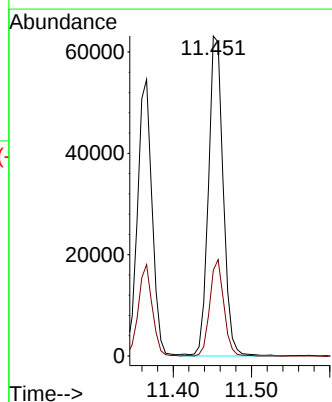
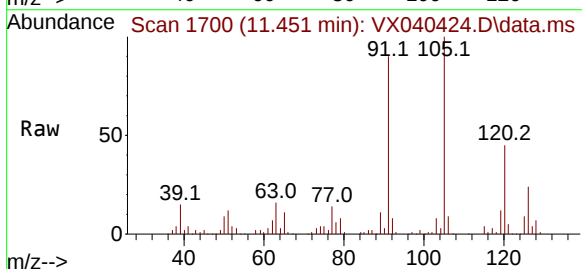
Manual Integrations
APPROVED

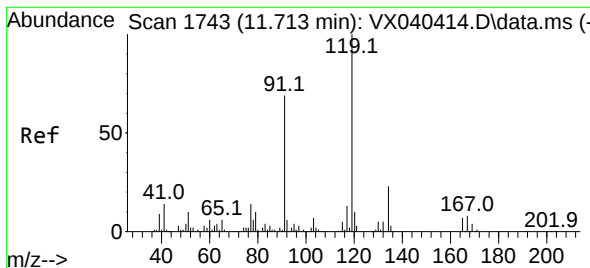
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 20.154 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

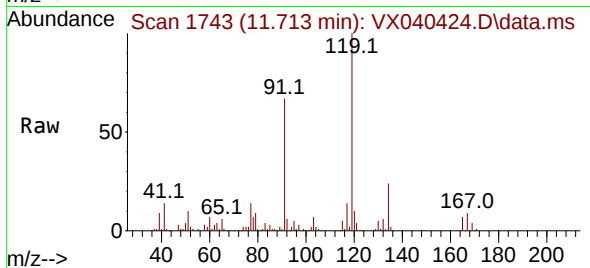
Tgt Ion: 91 Resp: 82708
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.153 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

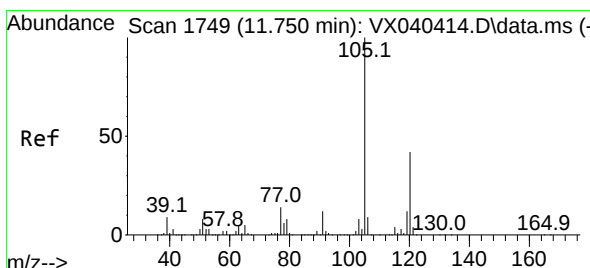
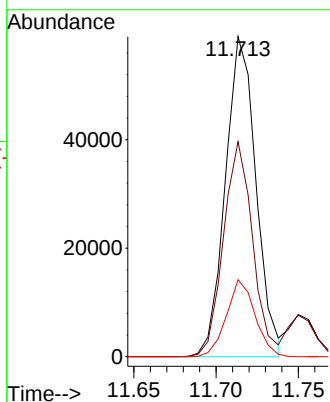
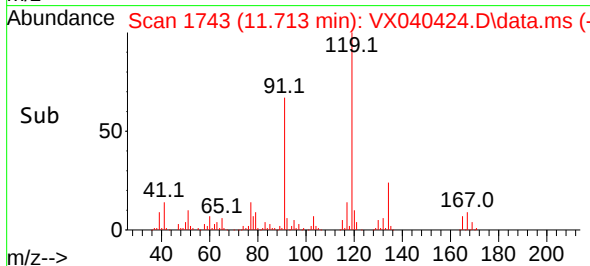
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



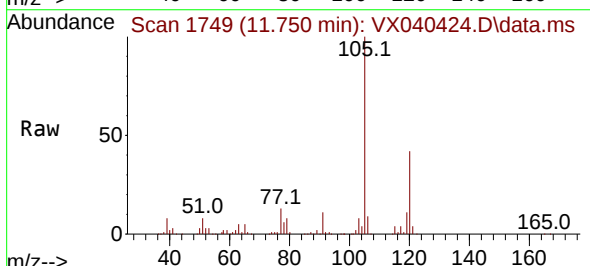
Tgt Ion:119 Resp: 76654
Ion Ratio Lower Upper
119 100
91 64.0 31.2 93.6
134 22.5 11.7 35.0

Manual Integrations
APPROVED

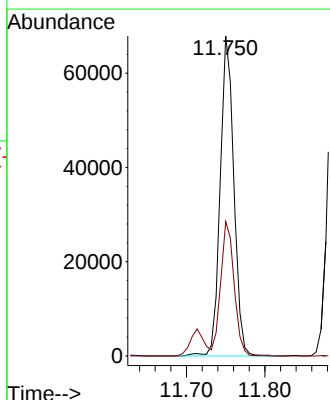
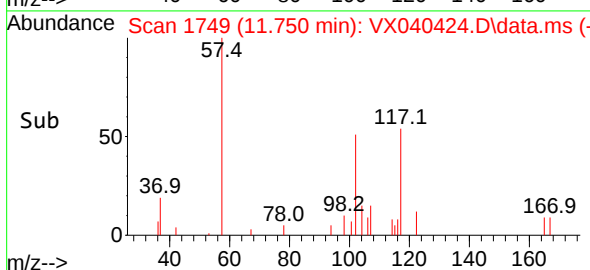
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

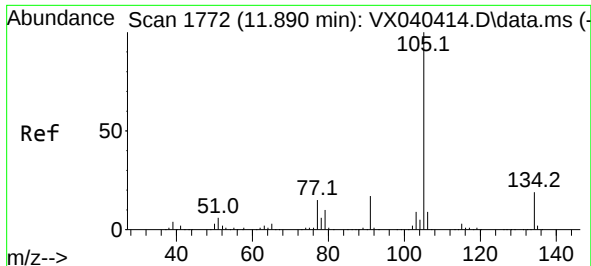


#84
1,2,4-Trimethylbenzene
Concen: 20.265 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



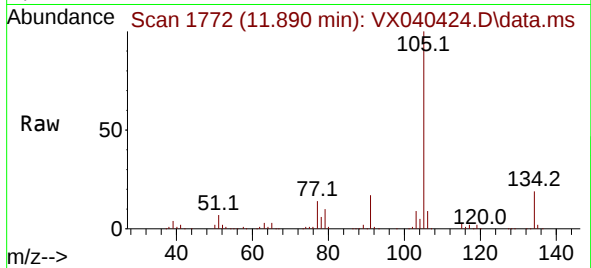
Tgt Ion:105 Resp: 82511
Ion Ratio Lower Upper
105 100
120 41.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.182 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040424.D
 Acq: 23 Feb 2024 12:19

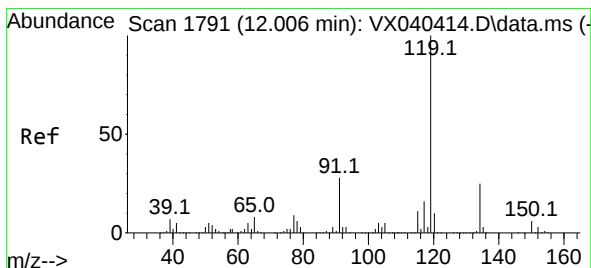
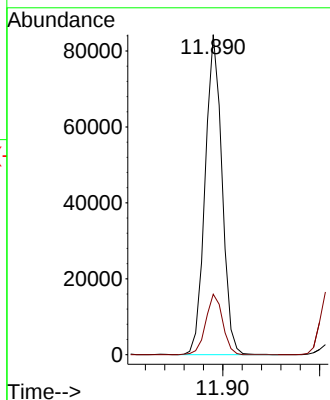
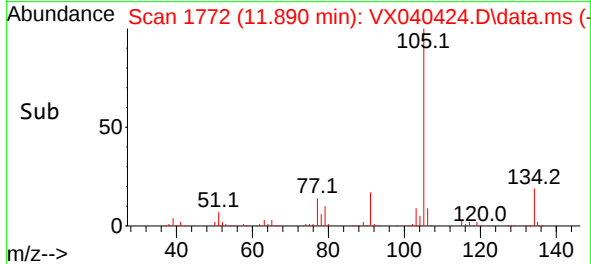
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBSD01



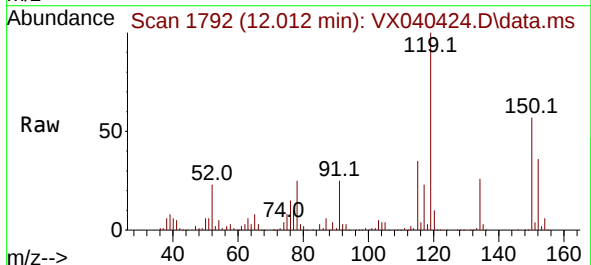
Tgt Ion:105 Resp: 102192
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

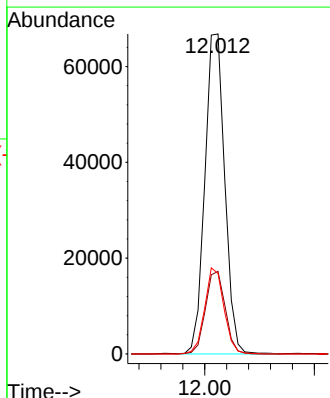
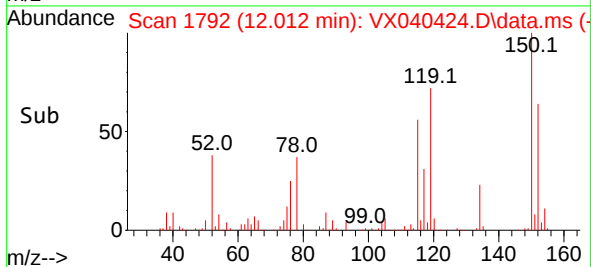
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

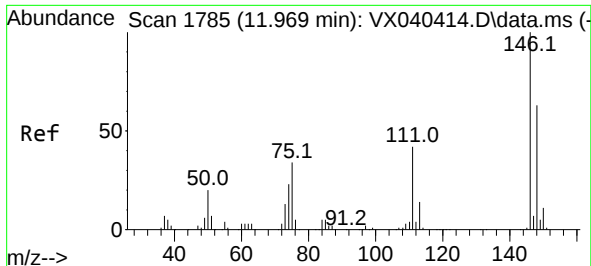


#86
 p-Isopropyltoluene
 Concen: 20.846 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040424.D
 Acq: 23 Feb 2024 12:19



Tgt Ion:119 Resp: 84337
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.662 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

Tgt Ion:146 Resp: 43640

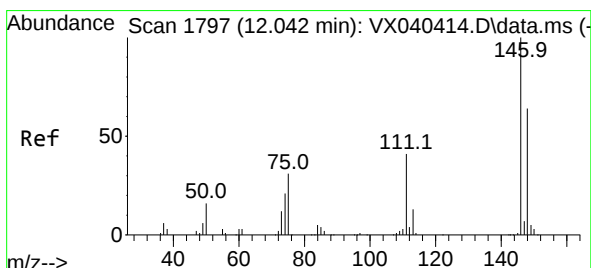
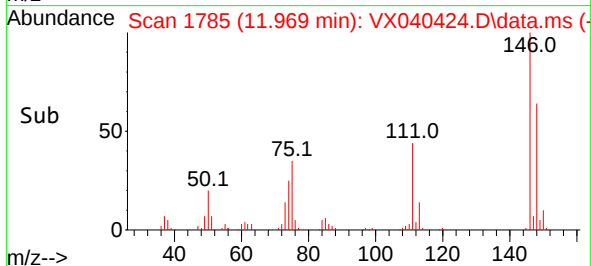
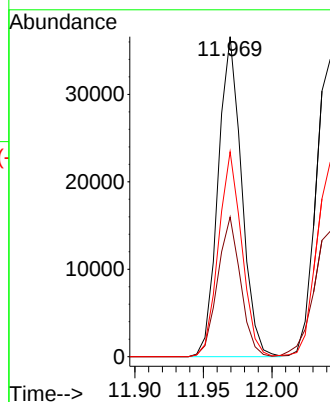
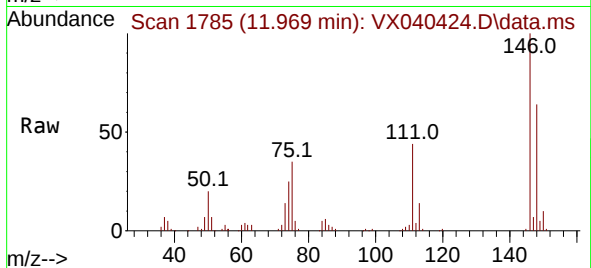
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#88

1,4-Dichlorobenzene

Concen: 18.951 ug/l

RT: 12.043 min Scan# 1797

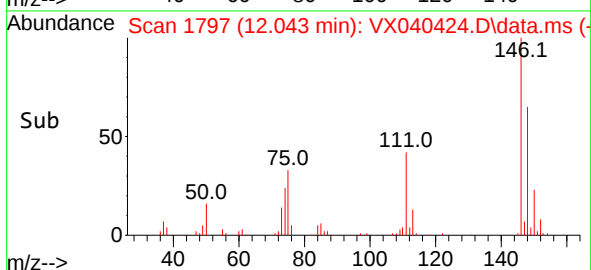
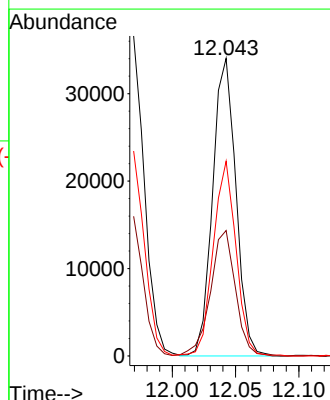
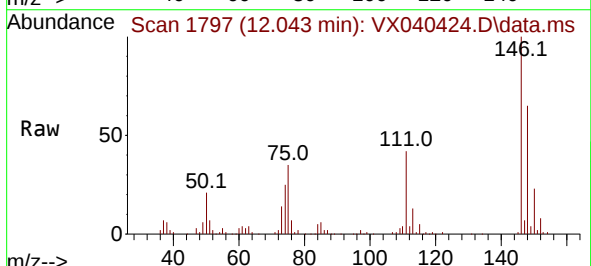
Delta R.T. 0.000 min

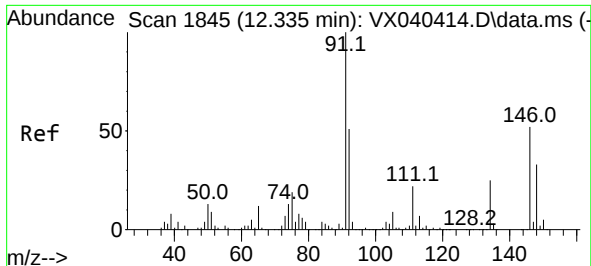
Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Tgt Ion:146 Resp: 43613

Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.3	63.7
148	64.0	31.8	95.4





#89

n-Butylbenzene

Concen: 19.963 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBSD01

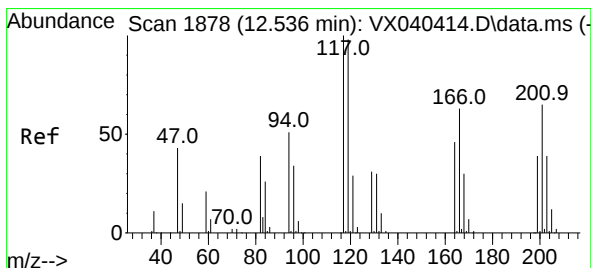
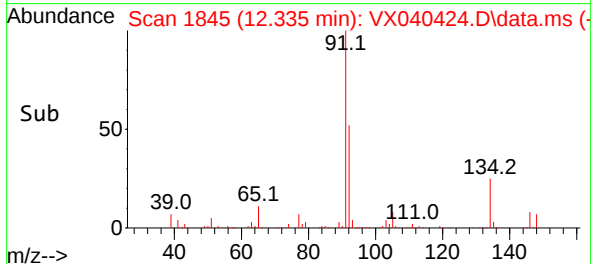
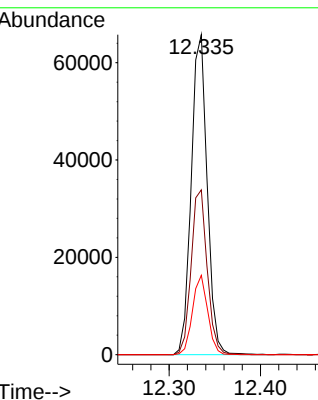
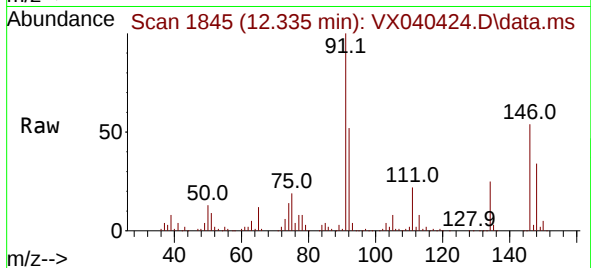
Tgt Ion: 91	Resp: 7946
Ion Ratio	Lower Upper
91	100
92	52.0 27.4 82.0
134	23.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#90

Hexachloroethane

Concen: 19.921 ug/l

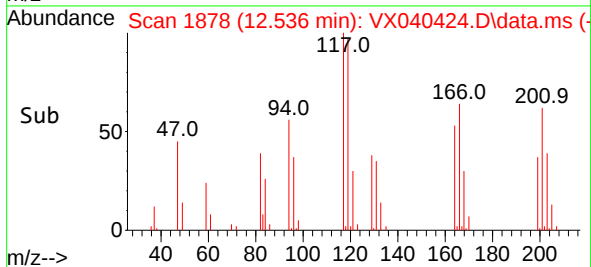
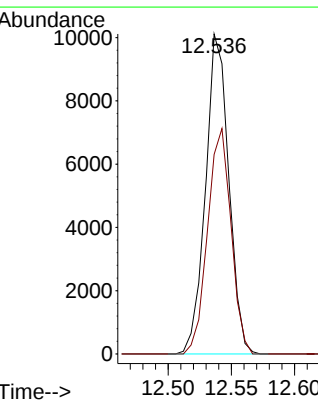
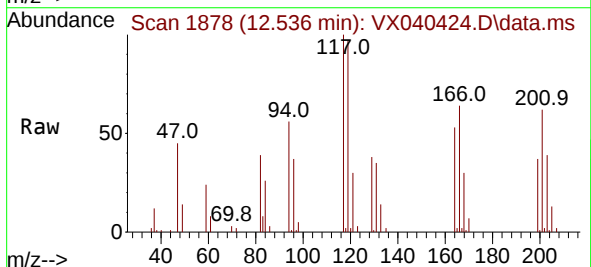
RT: 12.536 min Scan# 1878

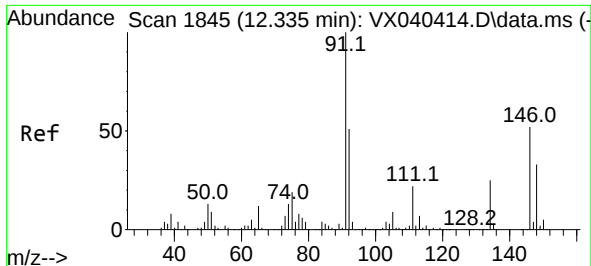
Delta R.T. 0.000 min

Lab File: VX040424.D

Acq: 23 Feb 2024 12:19

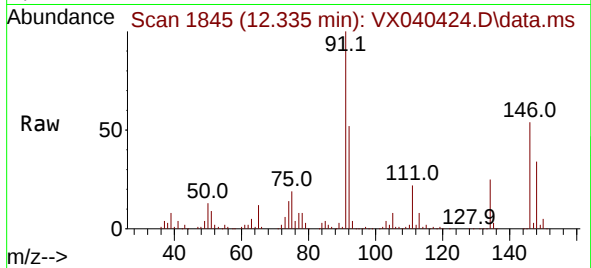
Tgt Ion: 117	Resp: 12907
Ion Ratio	Lower Upper
117	100
201	71.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.325 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

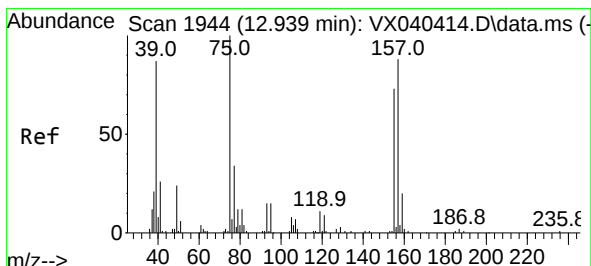
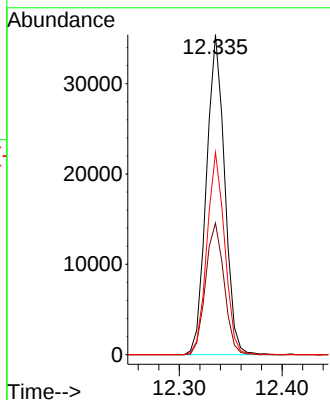
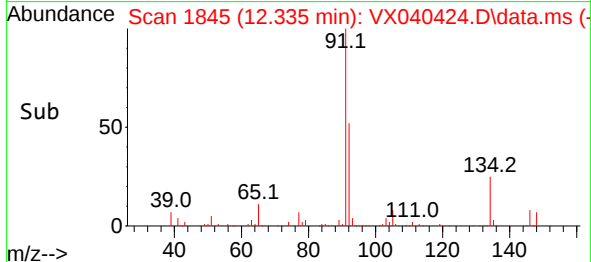
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



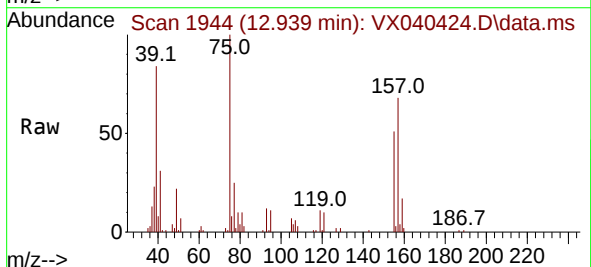
Tgt Ion:146 Resp: 43629
Ion Ratio Lower Upper
146 100
111 41.8 22.4 67.0
148 61.6 31.6 95.0

Manual Integrations
APPROVED

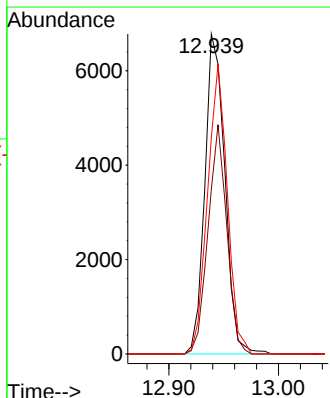
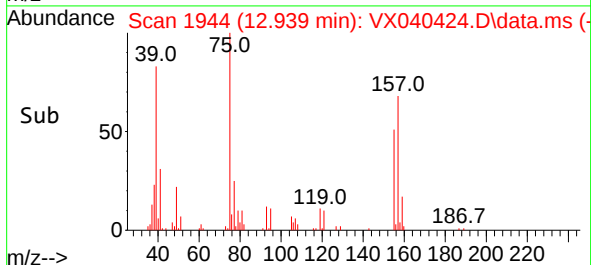
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

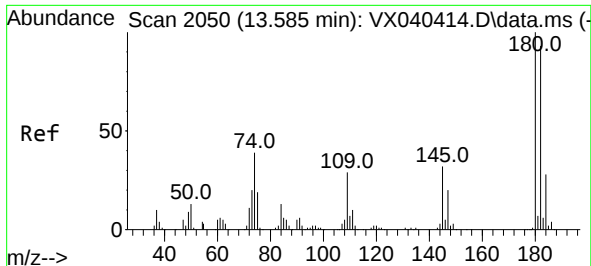


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.153 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



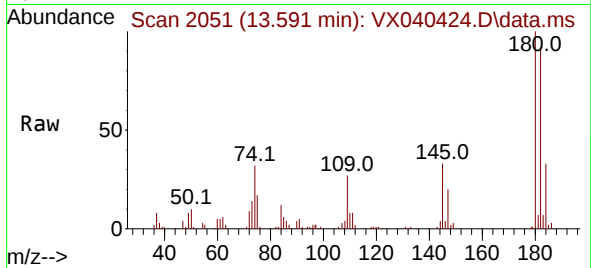
Tgt Ion: 75 Resp: 8578
Ion Ratio Lower Upper
75 100
155 67.2 36.1 108.5
157 89.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.100 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

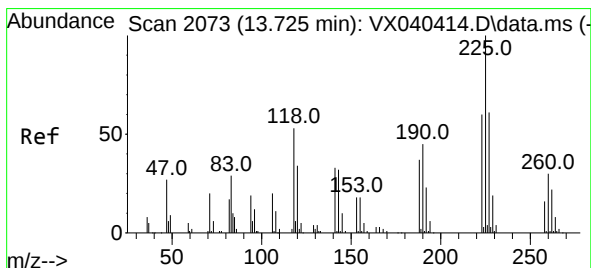
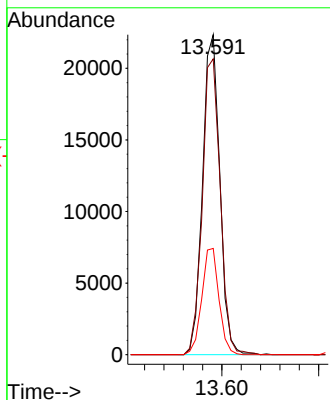
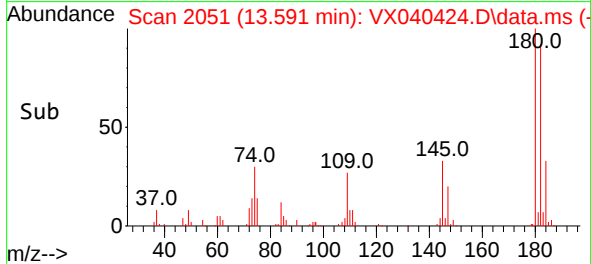
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



Tgt Ion:180 Resp: 2777
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.8
145 33.1 18.0 54.0

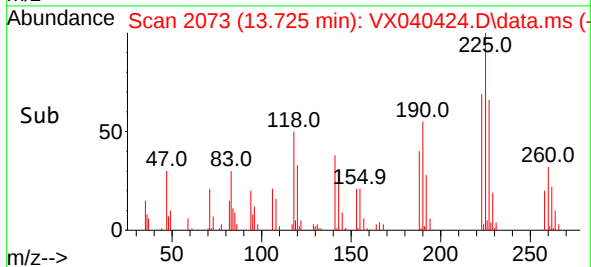
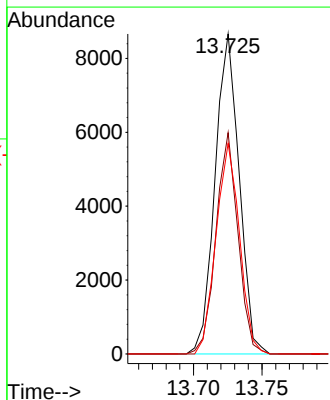
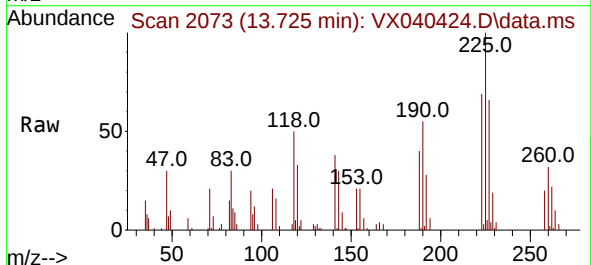
Manual Integrations
APPROVED

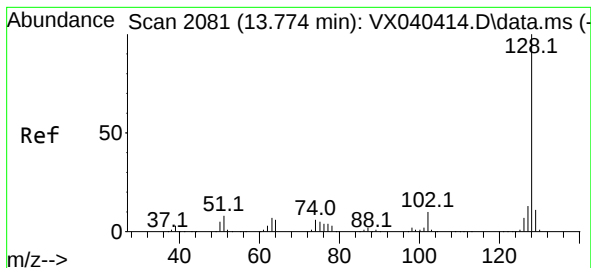
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#94
Hexachlorobutadiene
Concen: 21.132 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

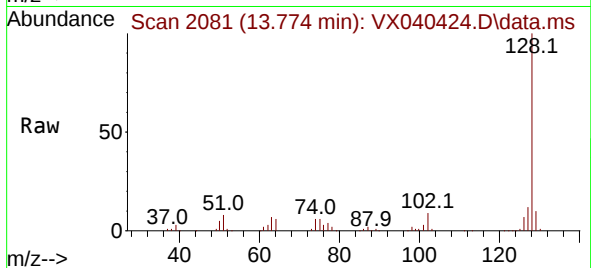
Tgt Ion:225 Resp: 10577
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 64.1 32.5 97.5





#95
Naphthalene
Concen: 20.780 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19

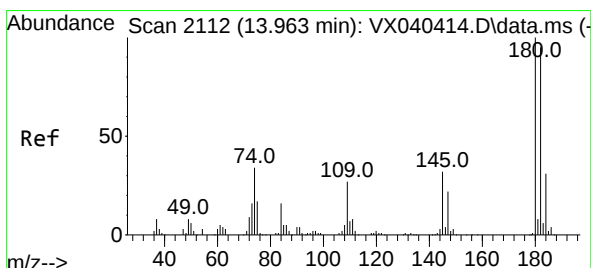
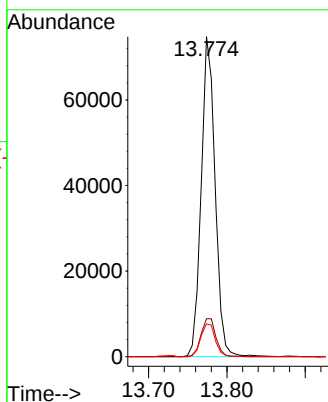
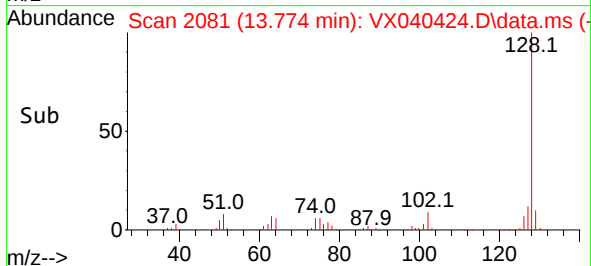
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBSD01



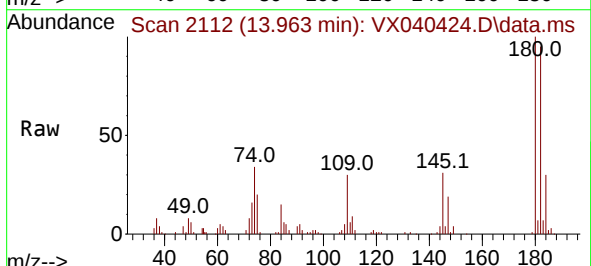
Tgt Ion:128 Resp: 92152
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.277 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040424.D
Acq: 23 Feb 2024 12:19



Tgt Ion:180 Resp: 26980
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 32.4 17.8 53.5

