

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040322.D
 Acq On : 19 Feb 2024 11:49
 Operator : JC/MD
 Sample : VX0219MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 01:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61248	53.950	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.900%			
35) Dibromofluoromethane	5.385	113	46539	50.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.647	98	164220	47.923	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.840%			
62) 4-Bromofluorobenzene	11.079	95	64052	45.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	16773	19.458	ug/l	98
3) Chloromethane	1.295	50	16800	18.900	ug/l	97
4) Vinyl Chloride	1.374	62	17040	18.140	ug/l	93
5) Bromomethane	1.605	94	12405	23.402	ug/l	97
6) Chloroethane	1.691	64	10203	17.222	ug/l	92
7) Trichlorofluoromethane	1.886	101	27723	18.378	ug/l	100
8) Diethyl Ether	2.130	74	10960	19.341	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	16510	20.403	ug/l	97
10) Methyl Iodide	2.453	142	18259	20.325	ug/l	93
11) Tert butyl alcohol	2.953	59	23307	105.398	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	14622	18.768	ug/l	94
13) Acrolein	2.233	56	18773	91.976	ug/l	98
14) Allyl chloride	2.660	41	28862	21.347	ug/l	99
15) Acrylonitrile	3.063	53	60259	121.789	ug/l	100
16) Acetone	2.374	43	62721	134.518	ug/l	95
17) Carbon Disulfide	2.514	76	34026	16.543	ug/l	99
18) Methyl Acetate	2.703	43	26773	21.420	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	56881	20.724	ug/l	96
20) Methylene Chloride	2.788	84	19597	21.511	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	16653	18.768	ug/l	90
22) Diisopropyl ether	3.757	45	61622	22.473	ug/l	96
23) Vinyl Acetate	3.721	43	274315	112.222	ug/l	99
24) 1,1-Dichloroethane	3.611	63	33739	21.123	ug/l	96
25) 2-Butanone	4.550	43	88294	121.144	ug/l	94
26) 2,2-Dichloropropane	4.477	77	24454	19.889	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	19541	19.305	ug/l	100
28) Bromochloromethane	4.898	49	16247	23.958	ug/l	96
29) Tetrahydrofuran	5.001	42	56027	117.994	ug/l	98
30) Chloroform	5.093	83	34961	20.245	ug/l	97
31) Cyclohexane	5.465	56	25331	18.707	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	28430	19.569	ug/l	98
36) 1,1-Dichloropropene	5.690	75	24171	18.836	ug/l	98
37) Ethyl Acetate	4.715	43	31577	22.115	ug/l	99
38) Carbon Tetrachloride	5.678	117	22341	18.310	ug/l	95
39) Methylcyclohexane	7.385	83	26398	17.701	ug/l	99
40) Benzene	6.038	78	70187	19.559	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17529	23.157	ug/l	96
42) 1,2-Dichloroethane	6.080	62	28822	20.548	ug/l	100
43) Isopropyl Acetate	6.336	43	48067	21.564	ug/l	98
44) Trichloroethene	7.129	130	17742	17.923	ug/l	100
45) 1,2-Dichloropropane	7.428	63	19467	20.842	ug/l	96
46) Dibromomethane	7.580	93	13921	20.237	ug/l	99
47) Bromodichloromethane	7.818	83	26368	19.893	ug/l	100
48) Methyl methacrylate	7.690	41	24340	21.341	ug/l	95
49) 1,4-Dioxane	7.653	88	10841	436.927	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	169693	111.506	ug/l	100
52) Toluene	8.714	92	44157	18.786	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	26657	18.037	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	29529	19.878	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	19172	19.123	ug/l	95
56) Ethyl methacrylate	9.116	69	29684	19.778	ug/l	96
57) 1,3-Dichloropropane	9.305	76	33212	20.296	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	72549	102.183	ug/l	94
59) 2-Hexanone	9.427	43	137679	114.107	ug/l	97
60) Dibromochloromethane	9.519	129	18756	18.363	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19671	18.459	ug/l	98
64) Tetrachloroethene	9.275	164	15652	18.168	ug/l	97
65) Chlorobenzene	10.080	112	48200	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	16988	19.117	ug/l	99
67) Ethyl Benzene	10.195	91	87395	19.125	ug/l	98
68) m/p-Xylenes	10.299	106	65980	38.230	ug/l	99
69) o-Xylene	10.640	106	31734	18.922	ug/l	95
70) Styrene	10.653	104	53565	19.210	ug/l	99
71) Bromoform	10.799	173	13525	17.527	ug/l #	98
73) Isopropylbenzene	10.964	105	85912	19.532	ug/l	100
74) N-amyl acetate	10.842	43	39689	21.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	33110	20.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28201m	22.300	ug/l	
77) Bromobenzene	11.195	156	19683	18.947	ug/l	97
78) n-propylbenzene	11.305	91	106475	19.995	ug/l	99
79) 2-Chlorotoluene	11.360	91	62856	19.547	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	73157	19.756	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7548	19.120	ug/l	93
82) 4-Chlorotoluene	11.451	91	72537	19.039	ug/l	100
83) tert-Butylbenzene	11.713	119	70244	19.349	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	72964	19.476	ug/l	100
85) sec-Butylbenzene	11.890	105	92515	19.829	ug/l	99
86) p-Isopropyltoluene	12.006	119	74085	19.371	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	39826	19.348	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	40416	18.542	ug/l	98
89) n-Butylbenzene	12.329	91	70740	19.161	ug/l	97
90) Hexachloroethane	12.536	117	10946	18.145	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	37665	18.902	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7631	20.923	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	25249	18.508	ug/l	97
94) Hexachlorobutadiene	13.725	225	9409	17.281	ug/l	99
95) Naphthalene	13.774	128	86688	20.120	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24172	18.589	ug/l	99

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

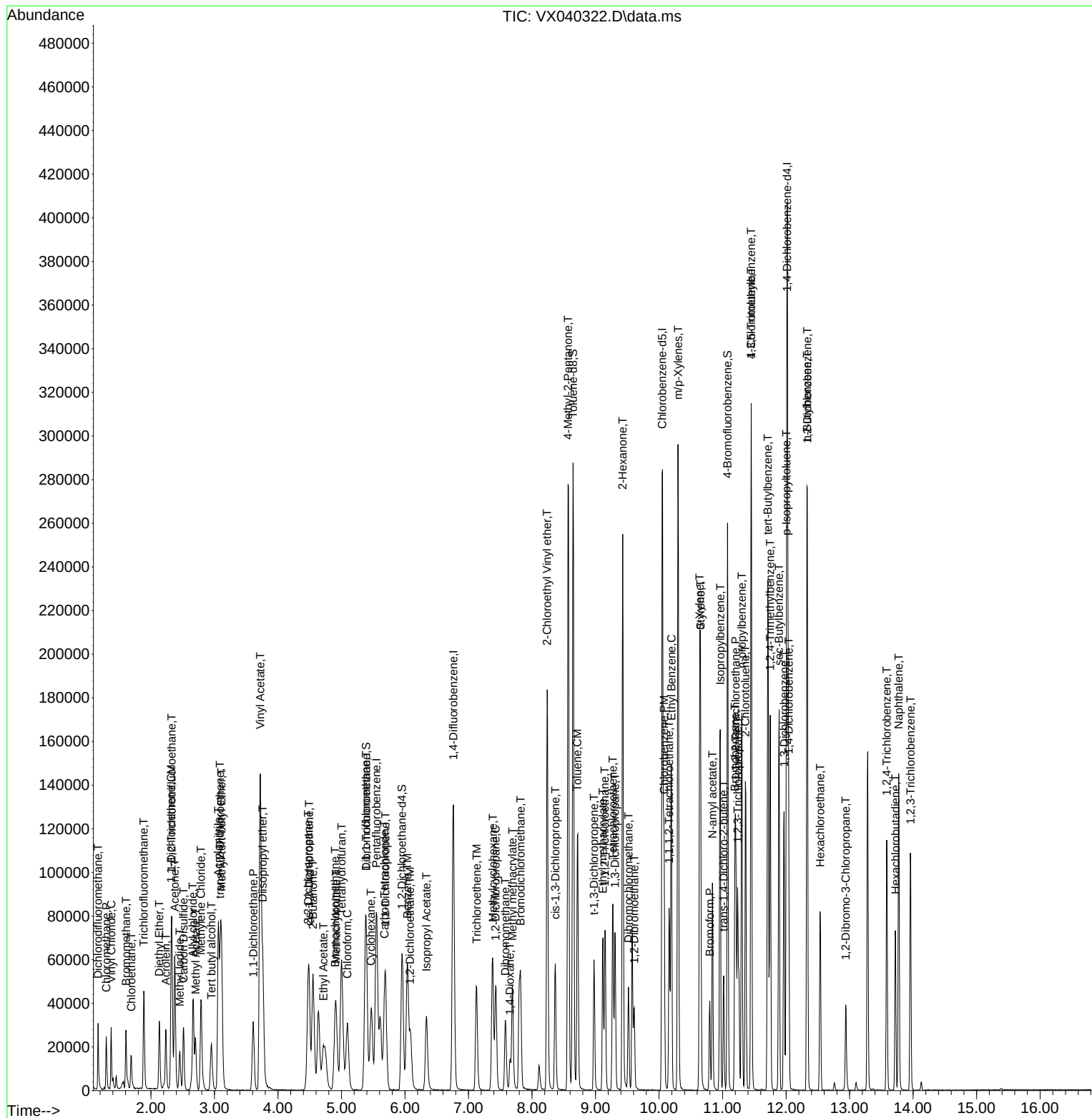
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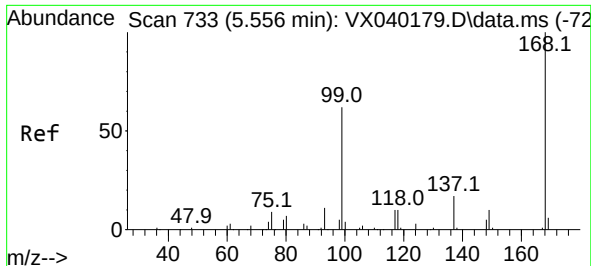
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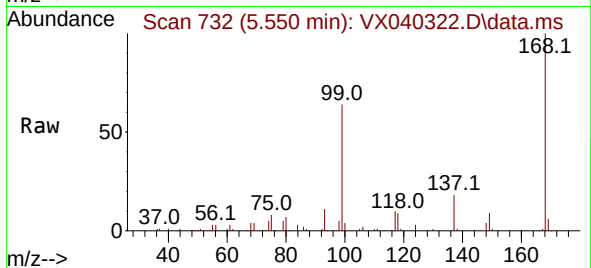
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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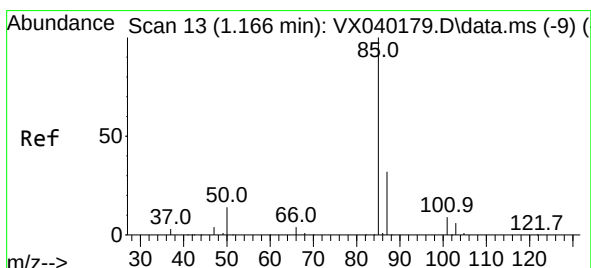
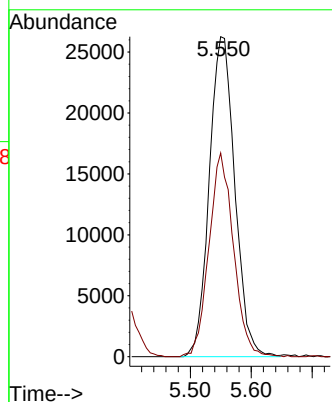
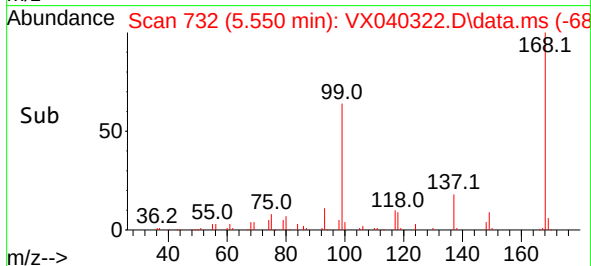
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion:168 Resp: 76310
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0

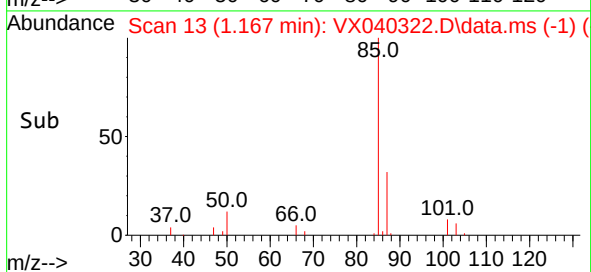
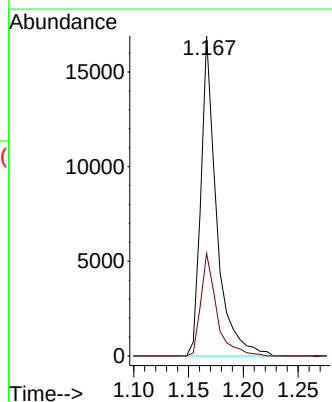
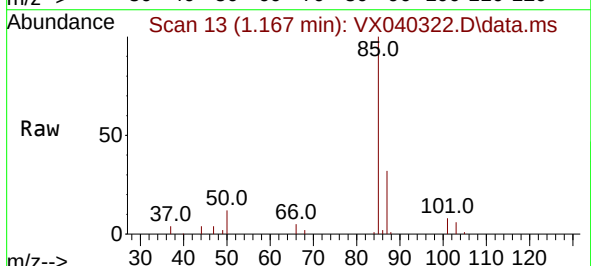
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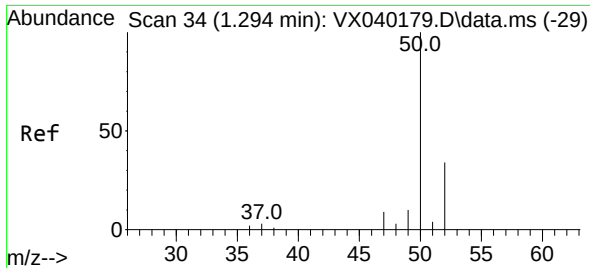
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 19.458 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 85 Resp: 16773
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





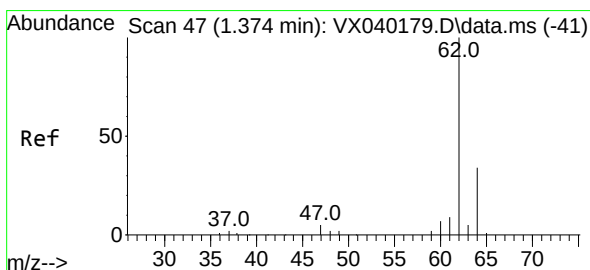
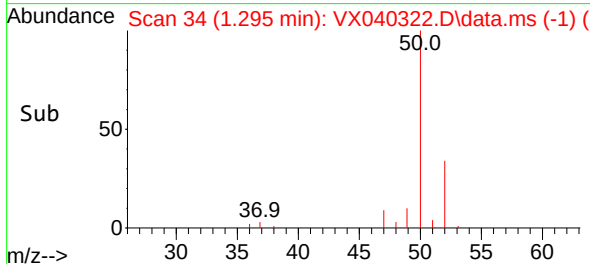
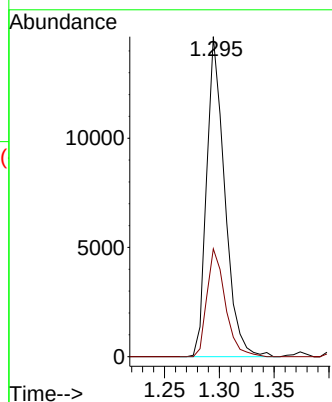
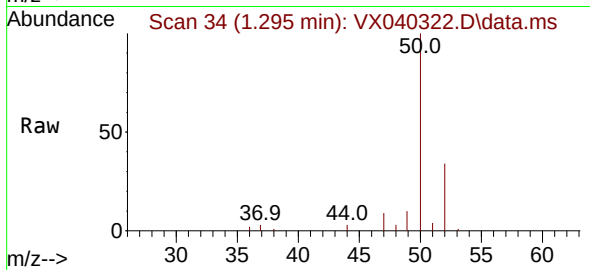
#3
Chloromethane
Concen: 18.900 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

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ClientSampleId :
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Tgt Ion: 50 Resp: 16800
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

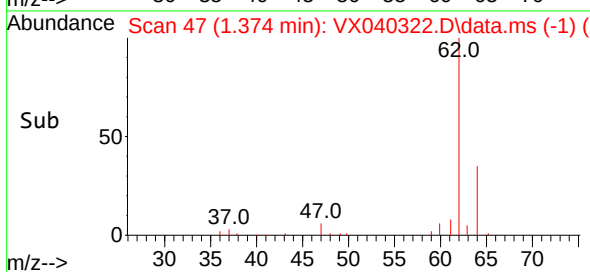
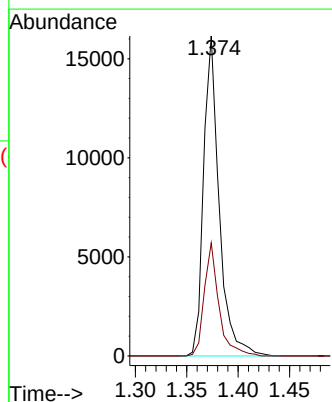
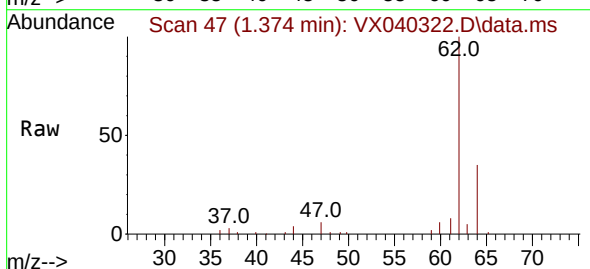
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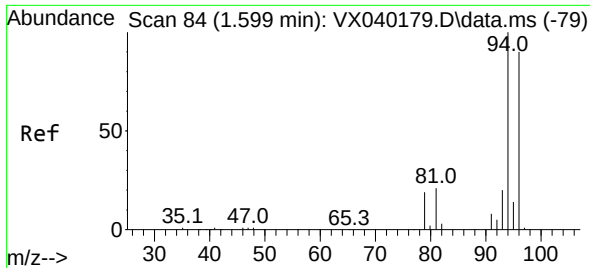
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 18.140 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 62 Resp: 17040
Ion Ratio Lower Upper
62 100
64 35.4 25.4 38.0





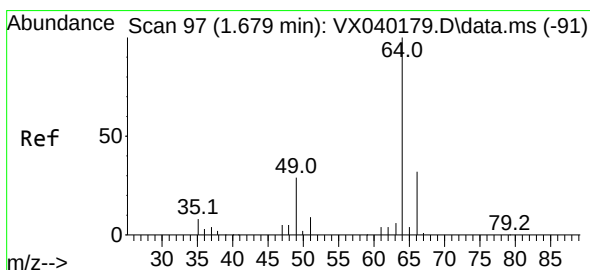
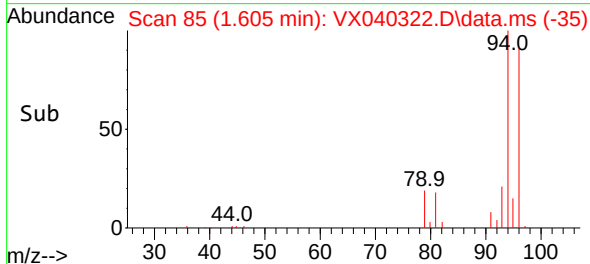
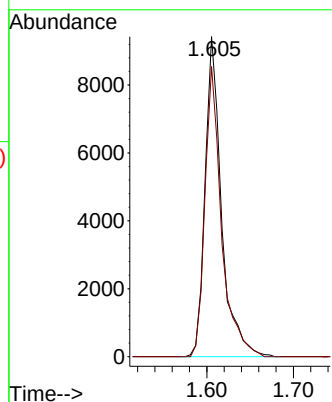
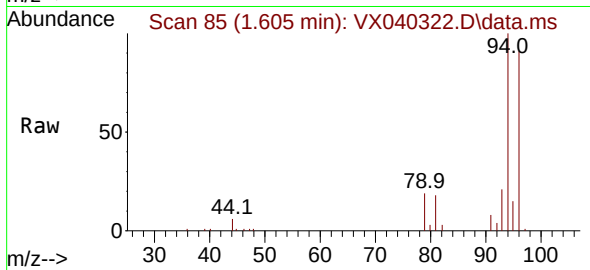
#5
Bromomethane
Concen: 23.402 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040322.D
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Tgt Ion: 94 Resp: 1240
Ion Ratio Lower Upper
94 100
96 90.7 74.6 111.8

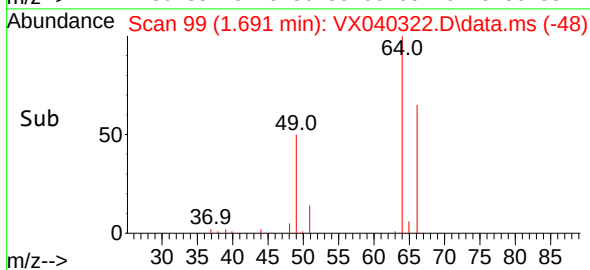
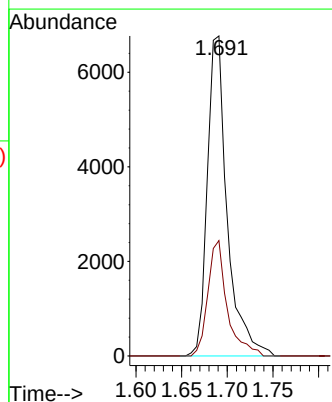
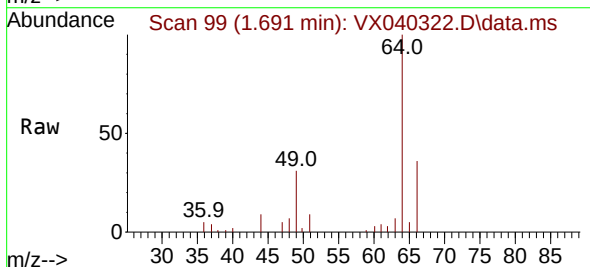
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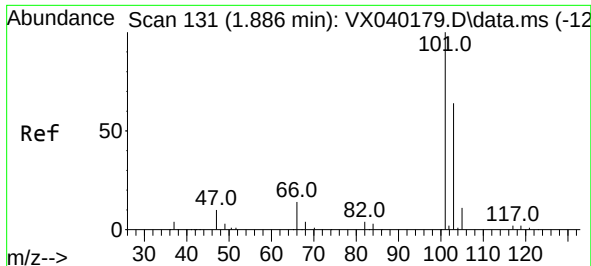
Reviewed By :John Carlone 02/20/2024
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#6
Chloroethane
Concen: 17.222 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX040322.D
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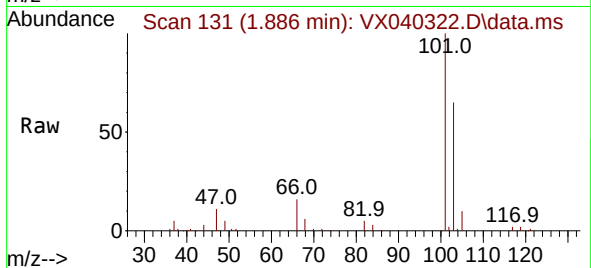
Tgt Ion: 64 Resp: 10203
Ion Ratio Lower Upper
64 100
66 36.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.378 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

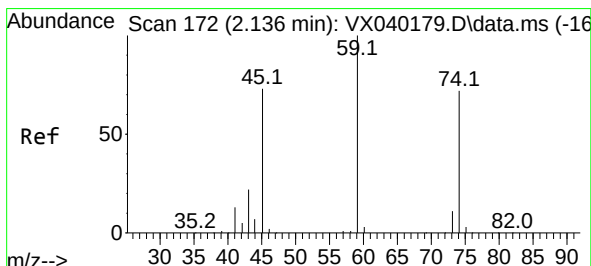
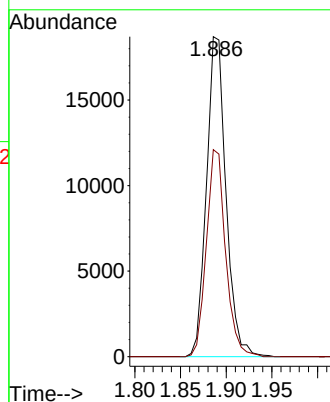
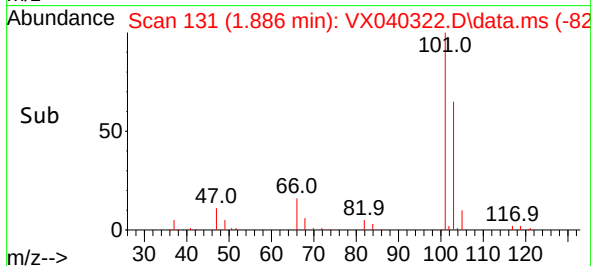
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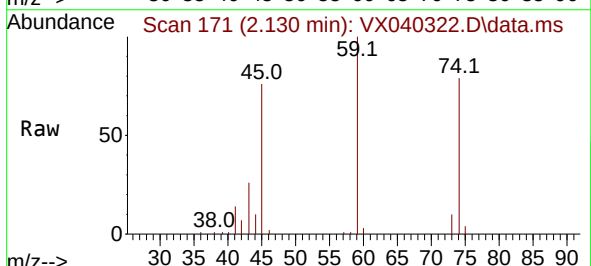
Tgt Ion:101 Resp: 2772
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

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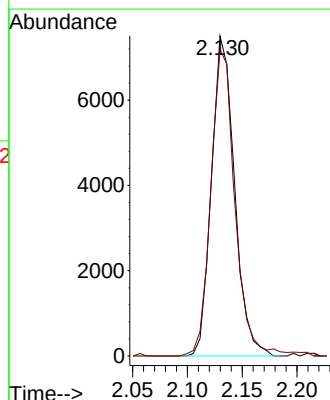
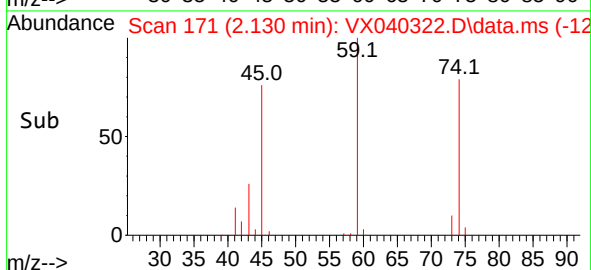
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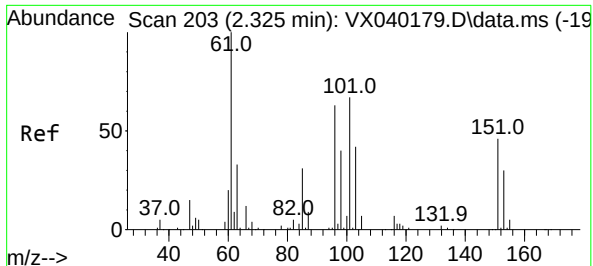


#8
Diethyl Ether
Concen: 19.341 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040322.D
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Tgt Ion: 74 Resp: 10960
Ion Ratio Lower Upper
74 100
45 100.7 53.3 159.8





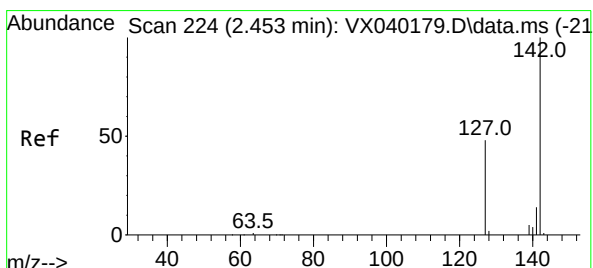
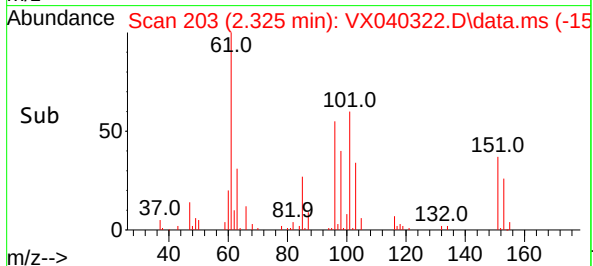
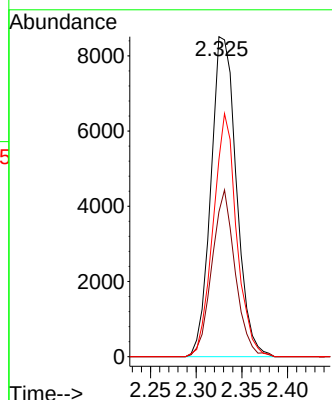
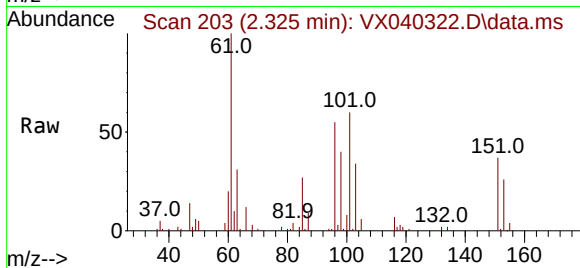
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.403 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion:101 Resp: 16510
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 70.0 58.6 87.8

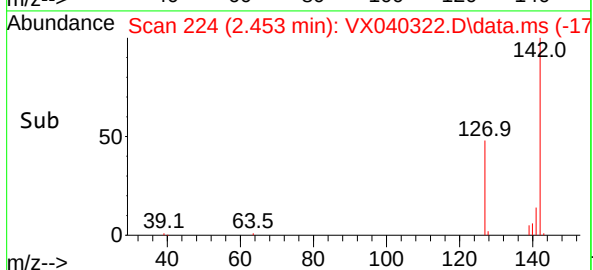
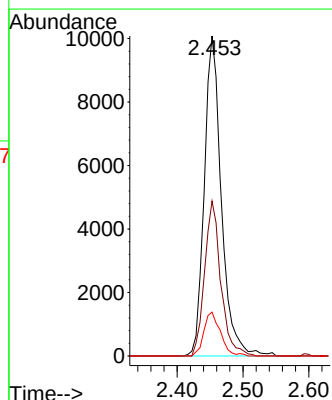
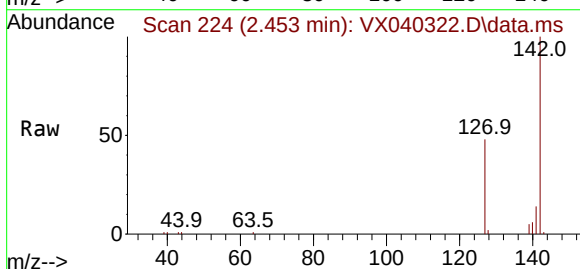
Manual Integrations
APPROVED

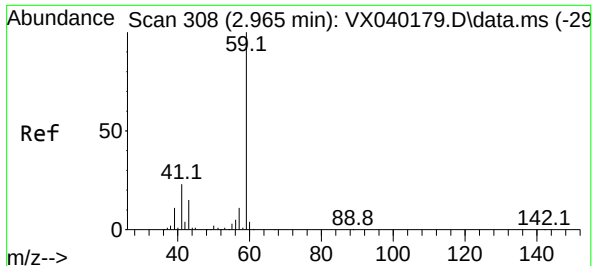
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 20.325 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion:142 Resp: 18259
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 13.3 11.6 17.4





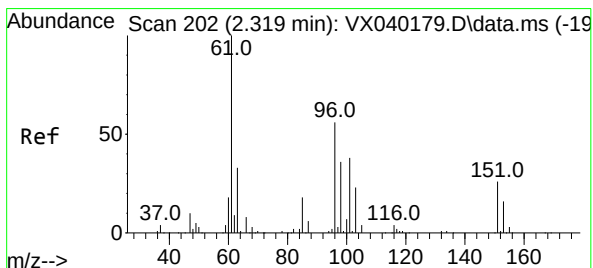
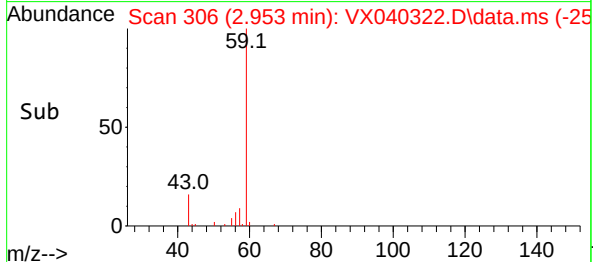
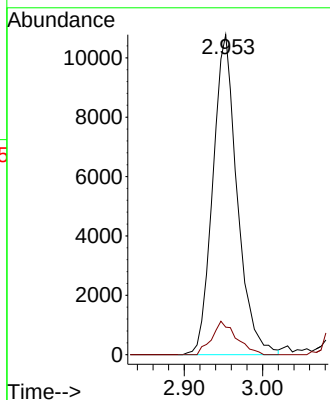
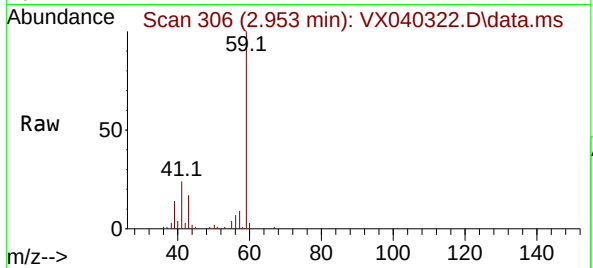
#11
Tert butyl alcohol
Concen: 105.398 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 59 Resp: 2330
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

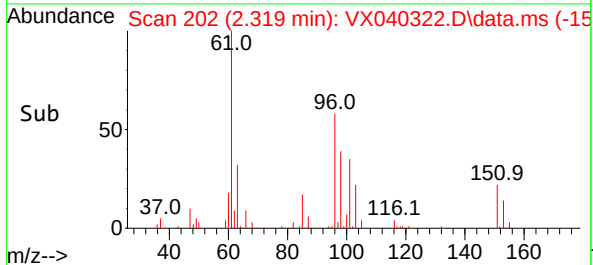
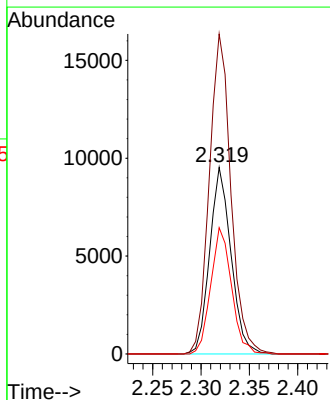
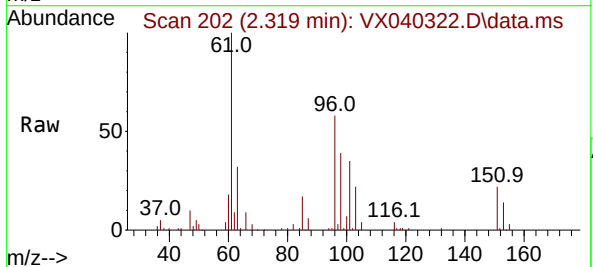
Manual Integrations
APPROVED

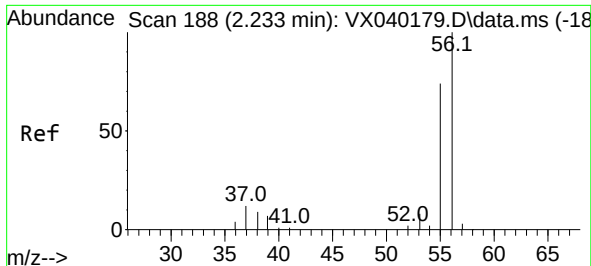
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#12
1,1-Dichloroethene
Concen: 18.768 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 96 Resp: 14622
Ion Ratio Lower Upper
96 100
61 171.5 144.6 216.8
98 67.7 50.4 75.6





#13

Acrolein

Concen: 91.976 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 56 Resp: 1877

Ion Ratio Lower Upper

56 100

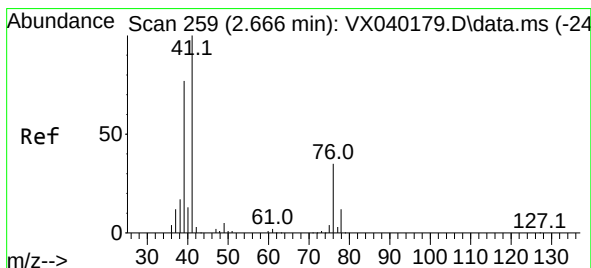
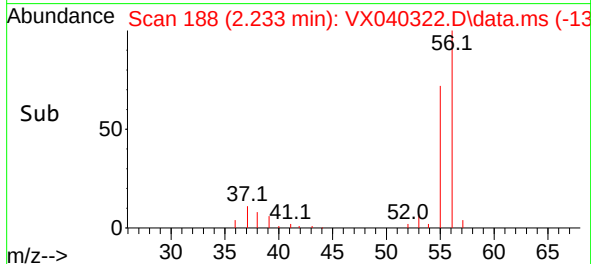
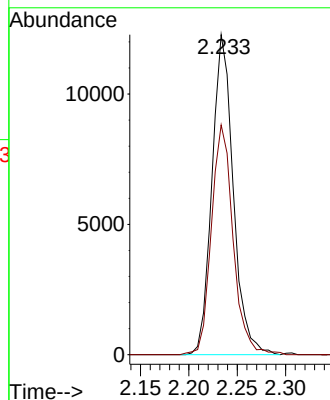
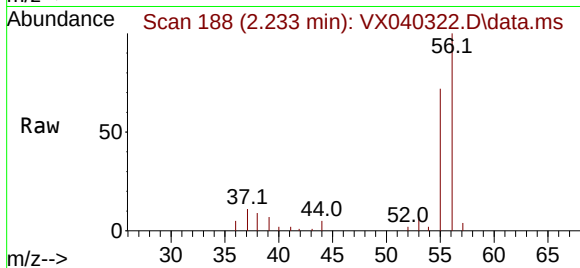
55 73.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#14

Allyl chloride

Concen: 21.347 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

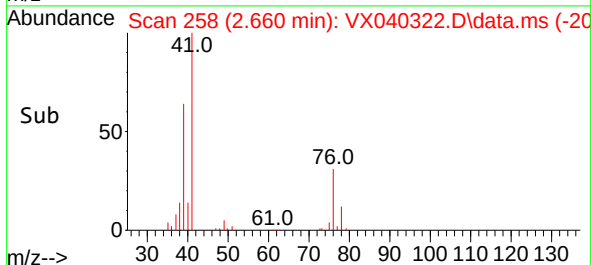
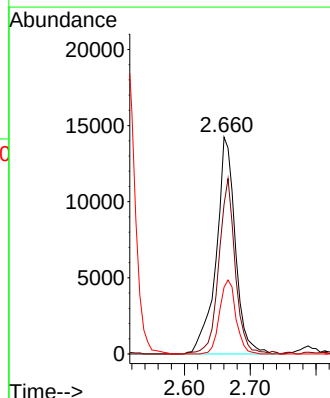
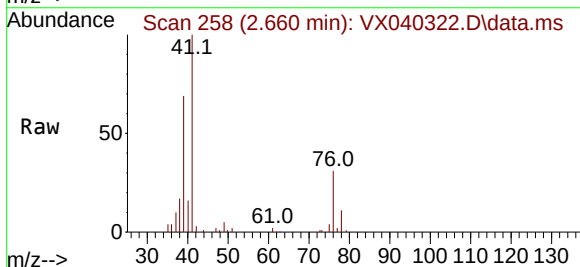
Tgt Ion: 41 Resp: 28862

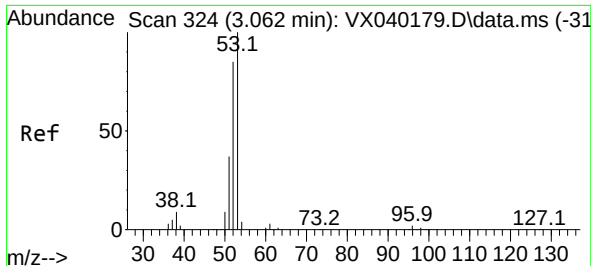
Ion Ratio Lower Upper

41 100

39 69.0 55.8 83.6

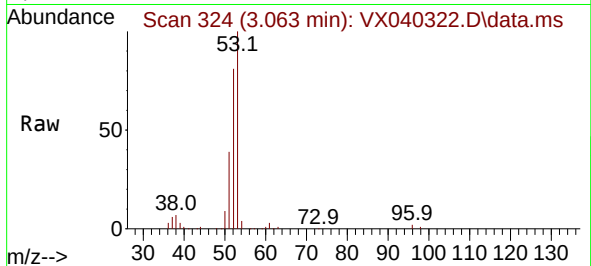
76 29.2 24.3 36.5





#15
Acrylonitrile
Concen: 121.789 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

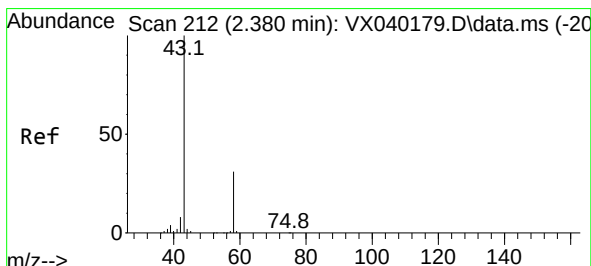
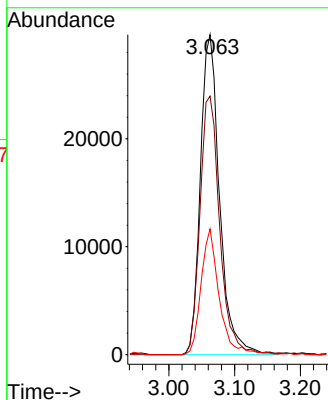
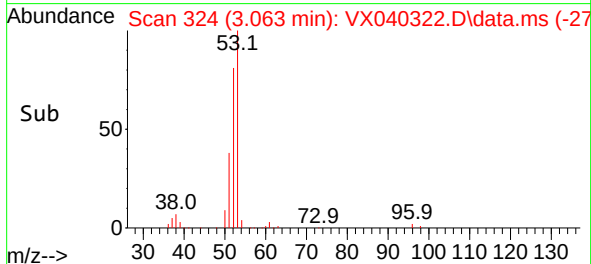
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



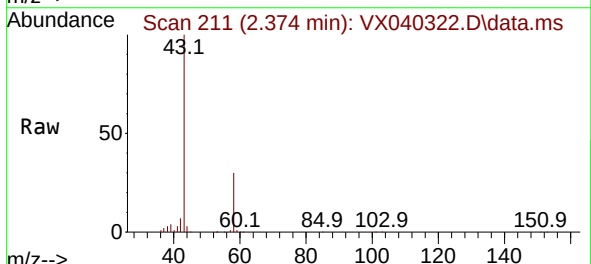
Tgt Ion: 53 Resp: 60259
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 37.3 29.8 44.6

Manual Integrations
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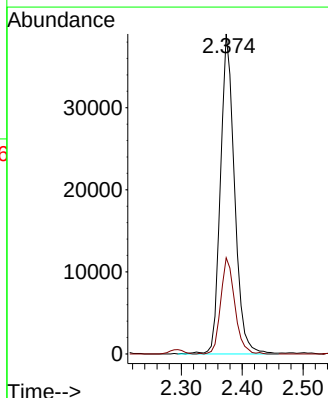
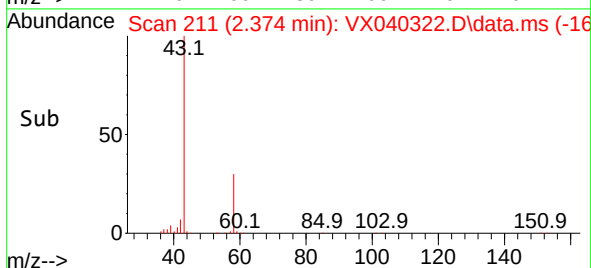
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

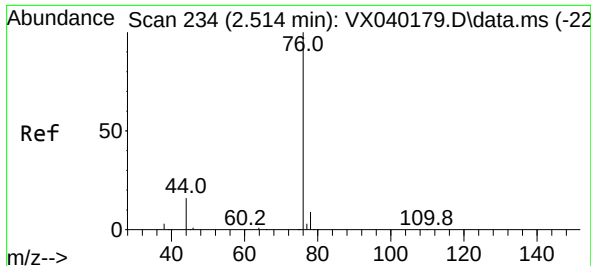


#16
Acetone
Concen: 134.518 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion: 43 Resp: 62721
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





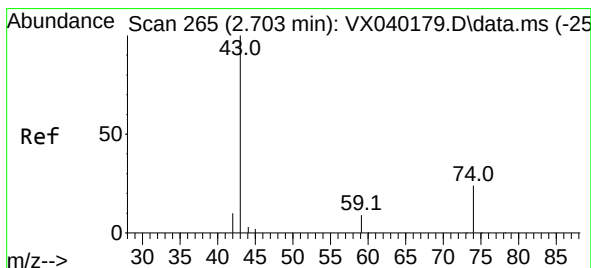
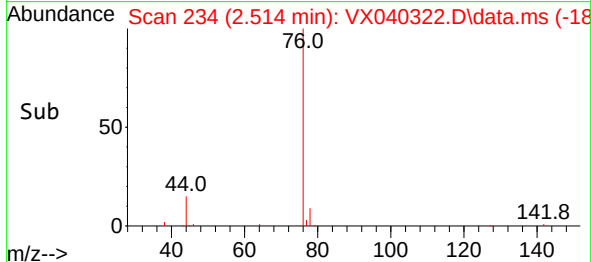
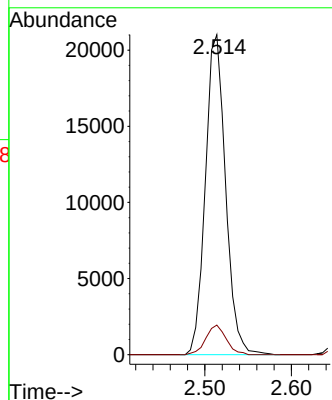
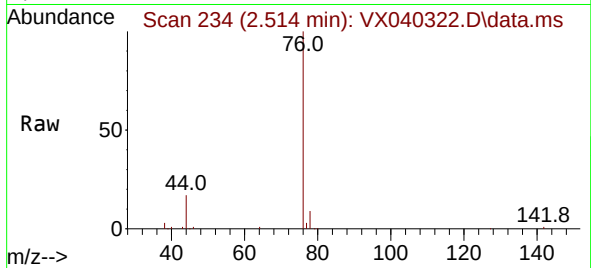
#17
Carbon Disulfide
Concen: 16.543 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 76 Resp: 3402
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

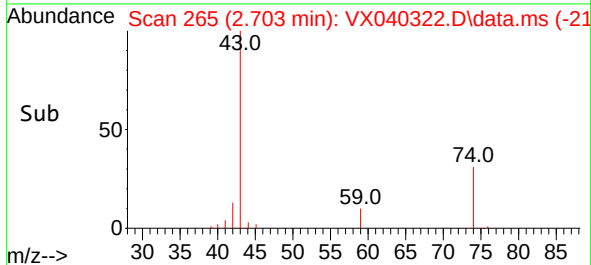
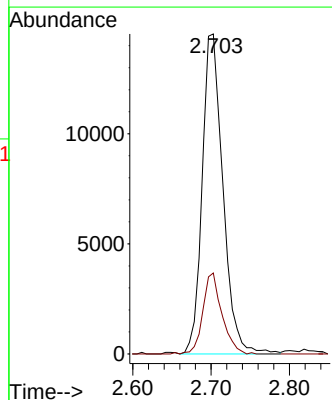
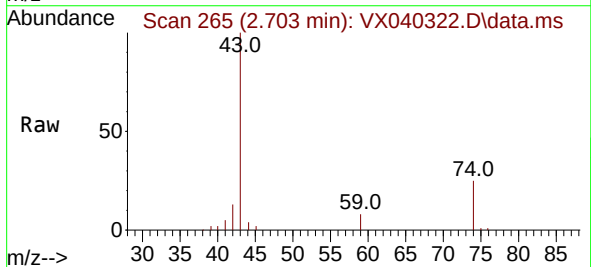
Manual Integrations
APPROVED

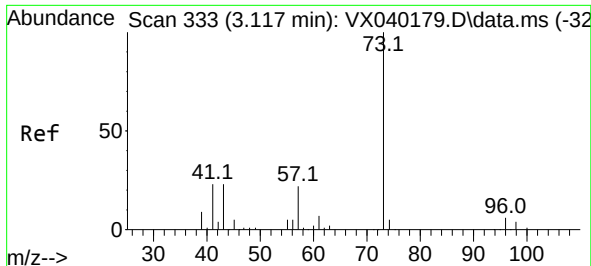
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 21.420 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 43 Resp: 26773
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





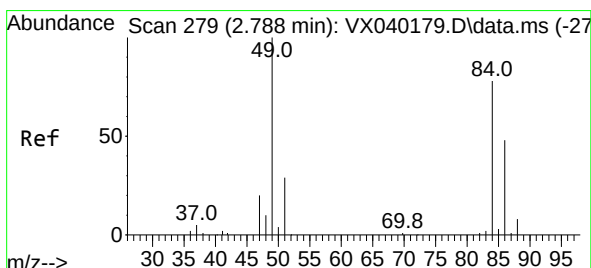
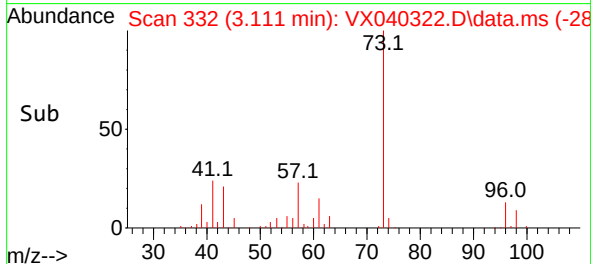
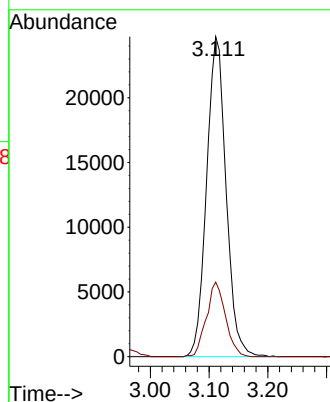
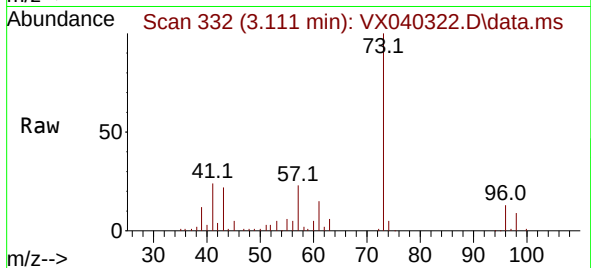
#19
Methyl tert-butyl Ether
Concen: 20.724 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 73 Resp: 5688
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

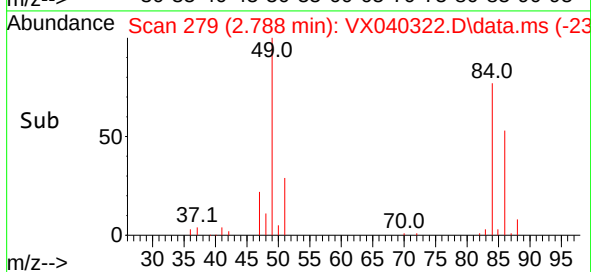
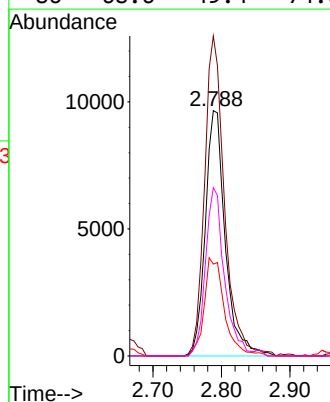
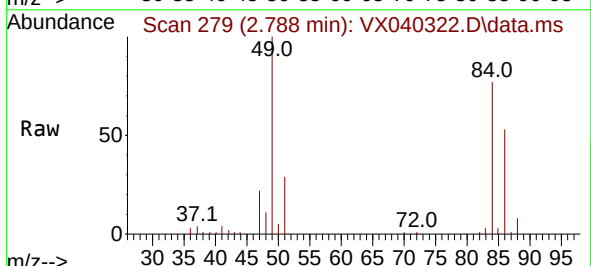
Manual Integrations
APPROVED

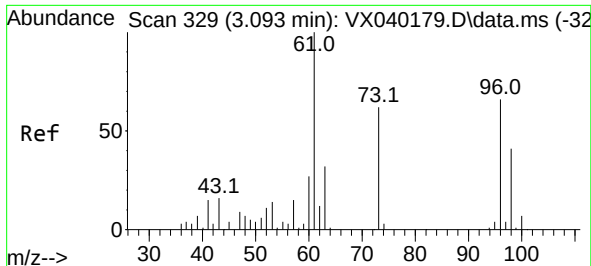
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 21.511 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

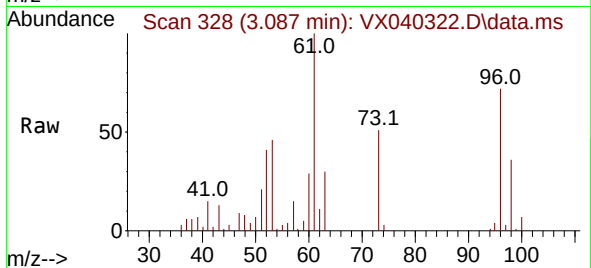
Tgt Ion: 84 Resp: 19597
Ion Ratio Lower Upper
84 100
49 130.4 103.6 155.4
51 37.5 33.8 50.6
86 68.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.768 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

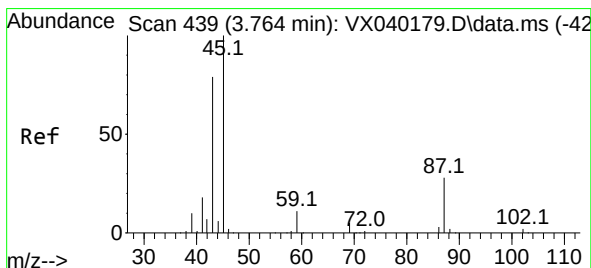
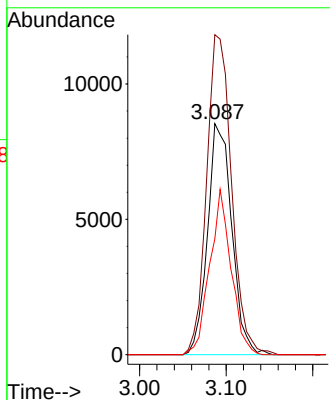
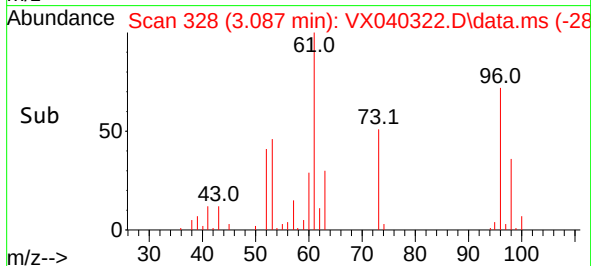
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



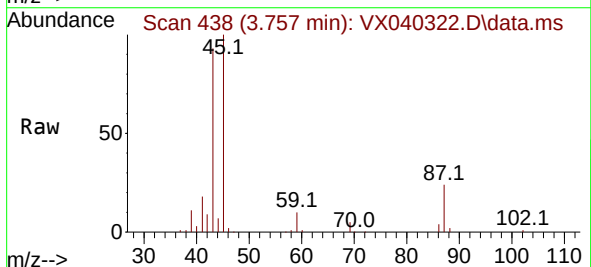
Tgt Ion: 96 Resp: 1665
Ion Ratio Lower Upper
96 100
61 138.5 119.2 178.8
98 50.1 48.7 73.1

Manual Integrations
APPROVED

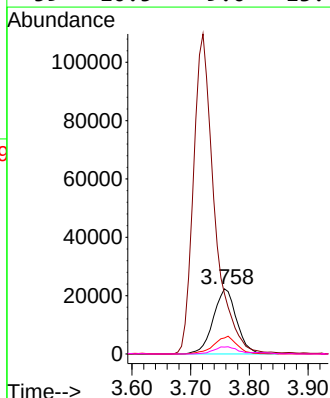
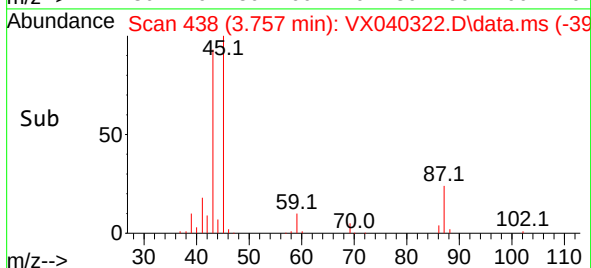
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

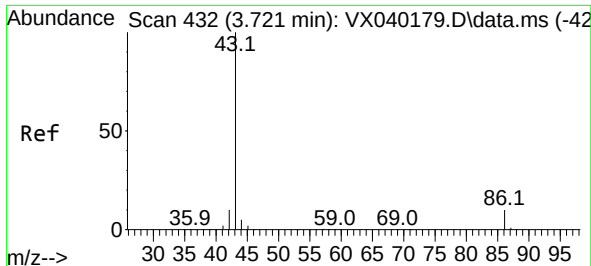


#22
Diisopropyl ether
Concen: 22.473 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion: 45 Resp: 61622
Ion Ratio Lower Upper
45 100
43 90.8 69.7 104.5
87 24.5 20.8 31.2
59 10.5 9.0 13.4





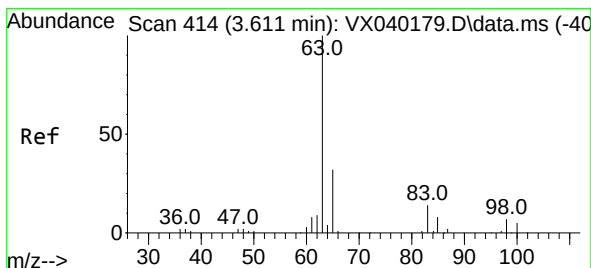
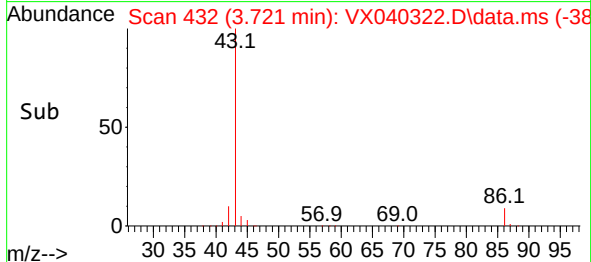
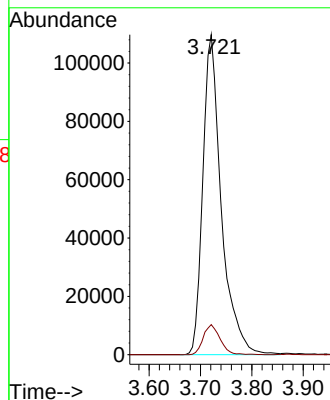
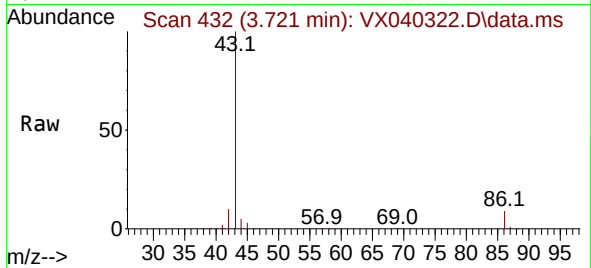
#23
 Vinyl Acetate
 Concen: 112.222 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01

Tgt Ion: 43 Resp: 27431
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

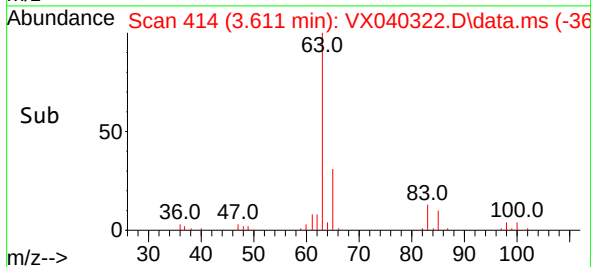
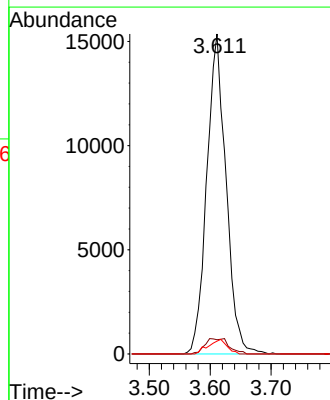
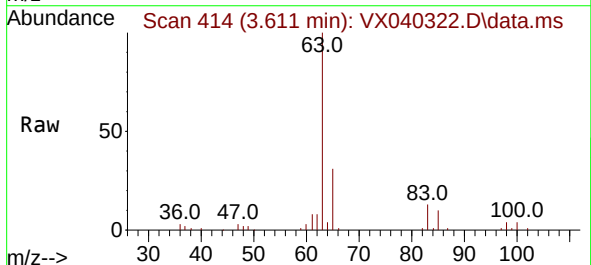
Manual Integrations
 APPROVED

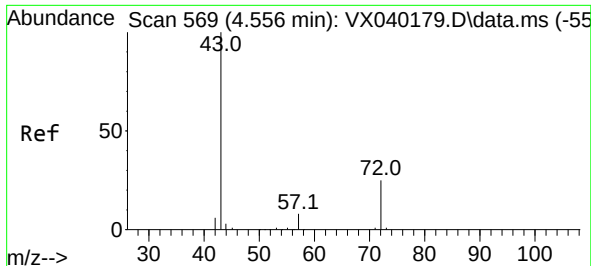
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 21.123 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

Tgt Ion: 63 Resp: 33739
 Ion Ratio Lower Upper
 63 100
 98 4.4 3.3 9.8
 100 4.0 2.1 6.5





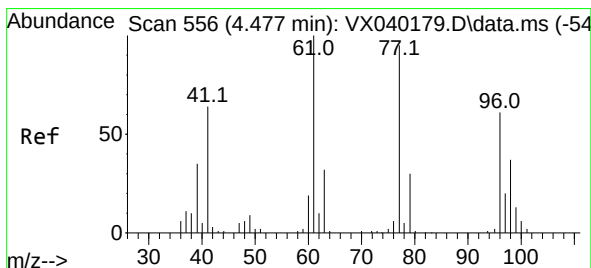
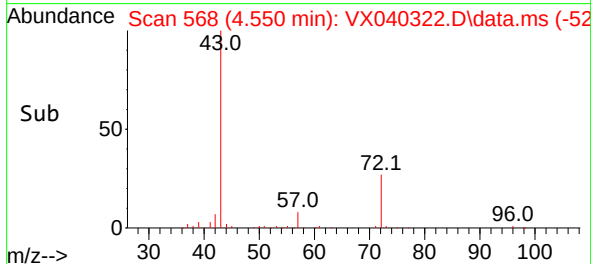
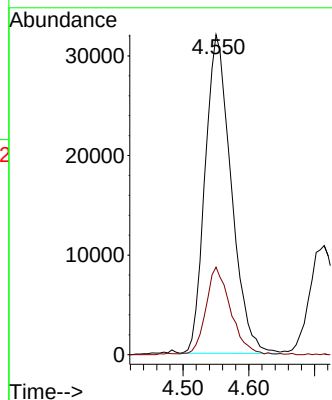
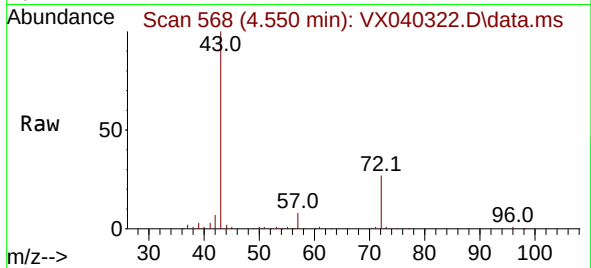
#25
2-Butanone
Concen: 121.144 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 43 Resp: 88294
Ion Ratio Lower Upper
43 100
72 27.2 19.4 29.2

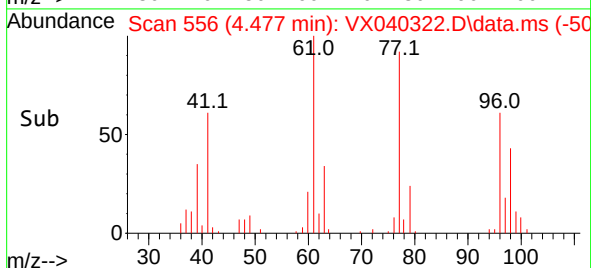
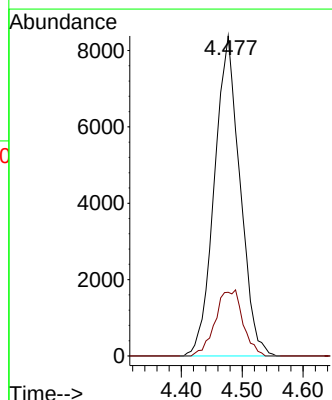
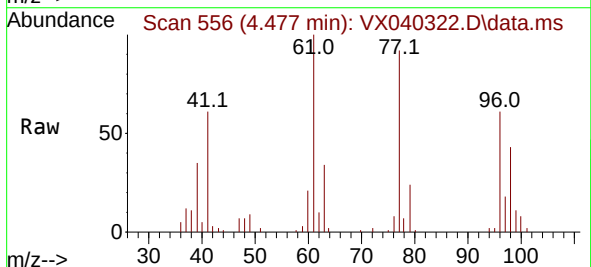
Manual Integrations
APPROVED

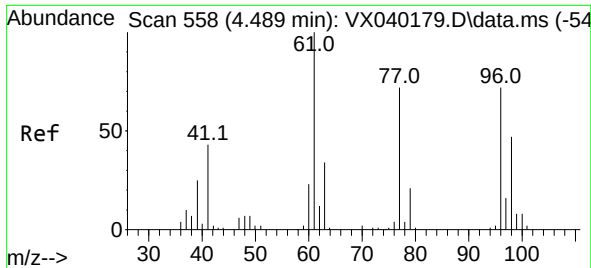
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 19.889 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

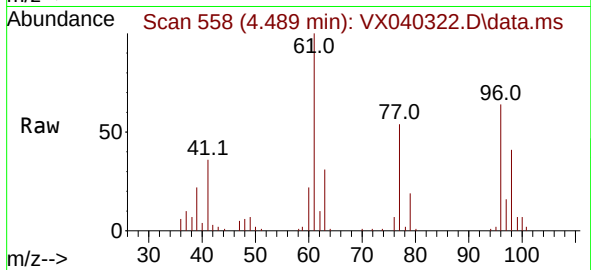
Tgt Ion: 77 Resp: 24454
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.305 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

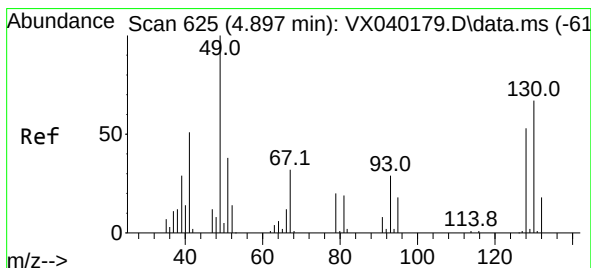
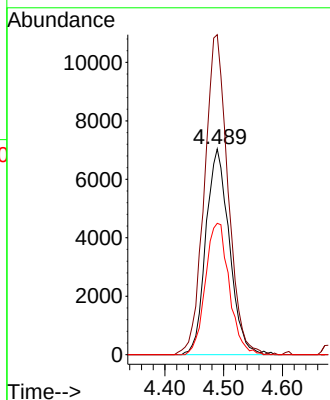
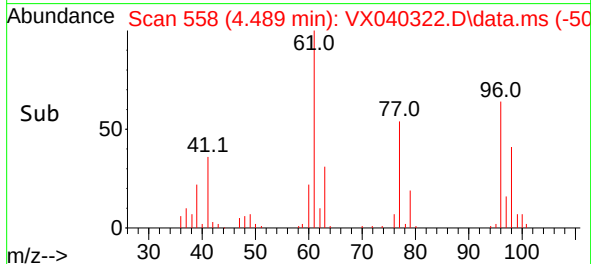
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01



Tgt Ion: 96 Resp: 1954
 Ion Ratio Lower Upper
 96 100
 61 156.0 0.0 312.2
 98 64.6 0.0 129.0

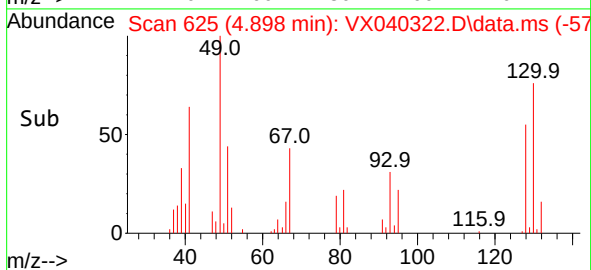
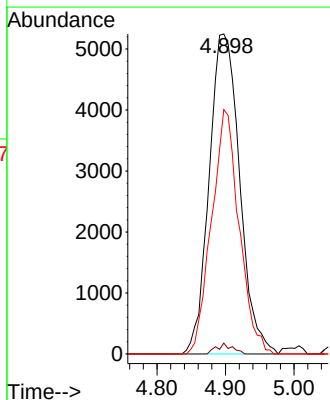
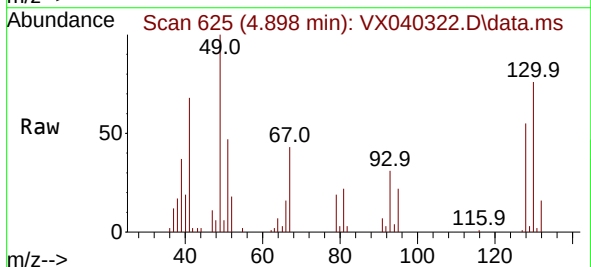
Manual Integrations
 APPROVED

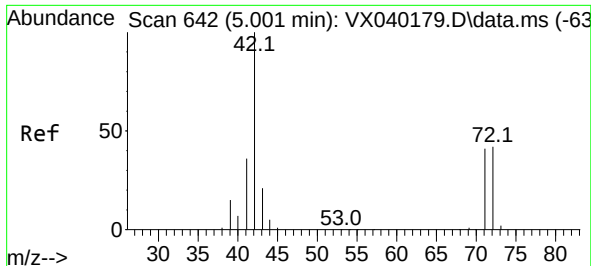
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#28
 Bromochloromethane
 Concen: 23.958 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

Tgt Ion: 49 Resp: 16247
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 68.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 117.994 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

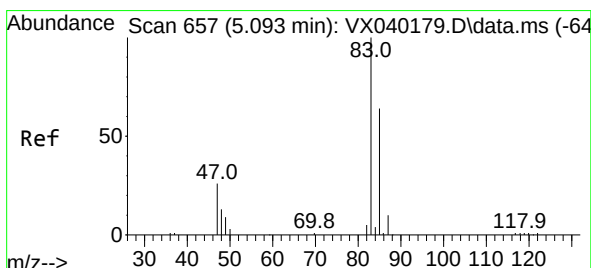
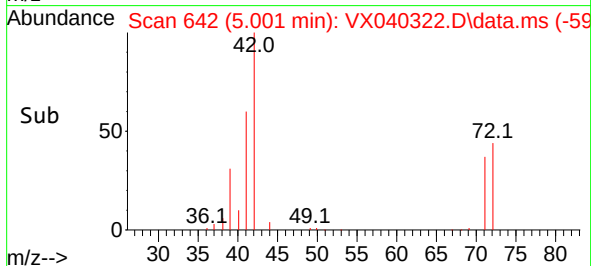
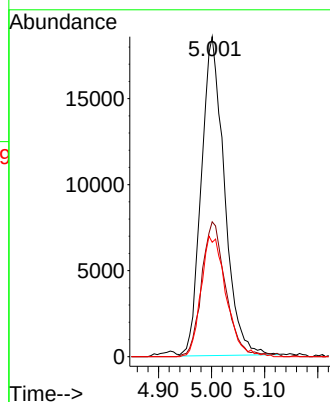
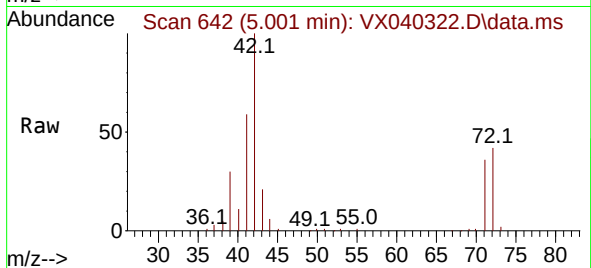
Tgt Ion:	42	Resp:	5602
Ion Ratio	Lower	Upper	
42	100		
72	44.5	34.2	51.4
71	41.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 20.245 ug/l

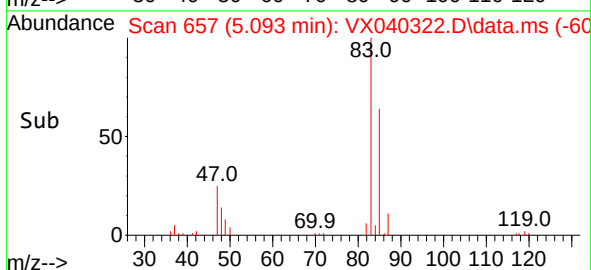
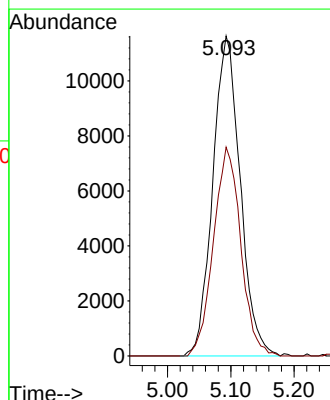
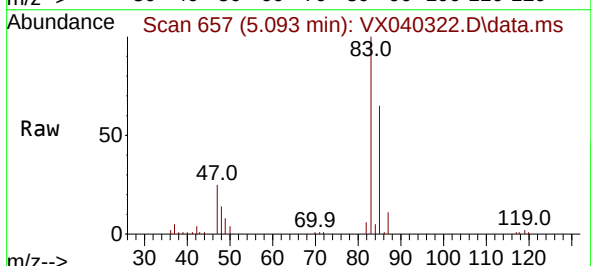
RT: 5.093 min Scan# 657

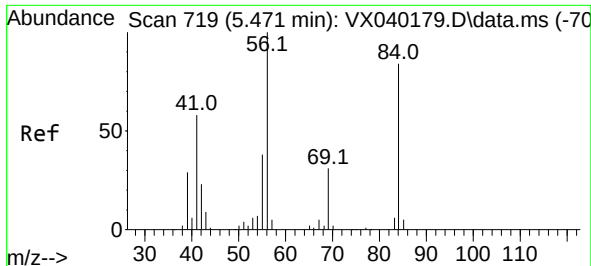
Delta R.T. -0.006 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

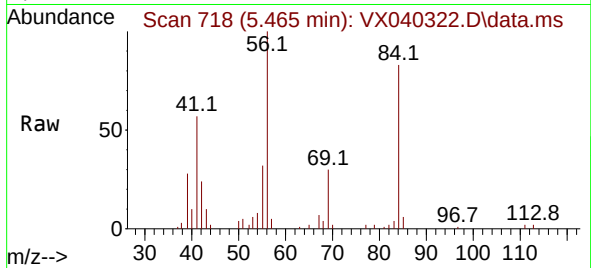
Tgt Ion:	83	Resp:	34961
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.3	75.5





#31
Cyclohexane
Concen: 18.707 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

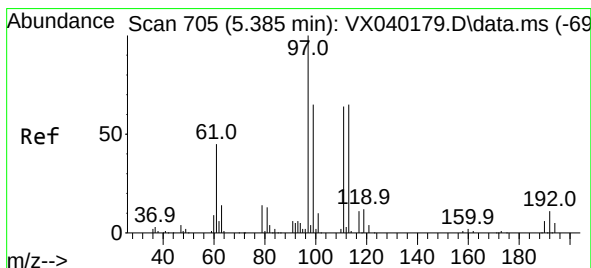
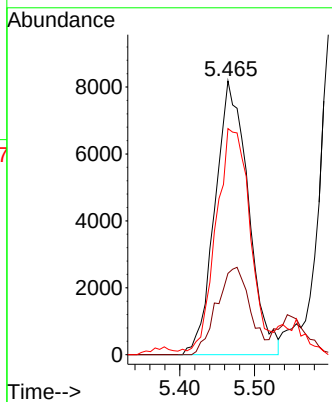
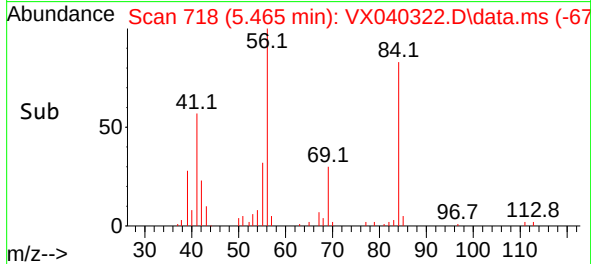
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 56 Resp: 2533
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 81.3 65.9 98.9

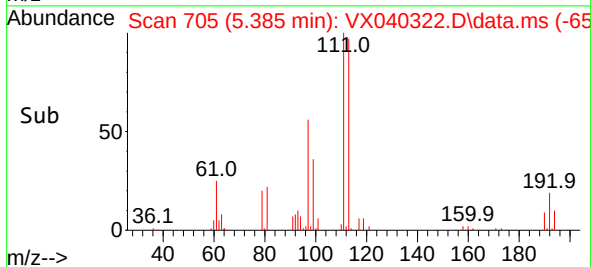
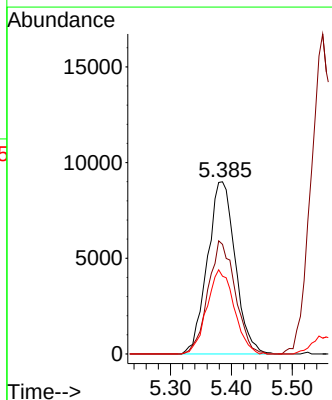
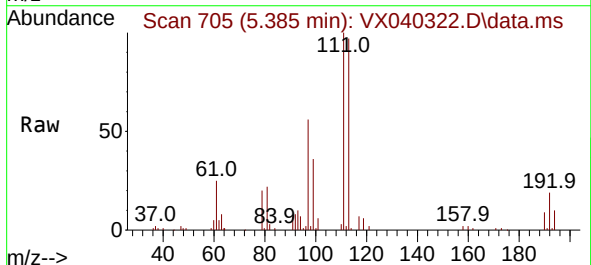
Manual Integrations
APPROVED

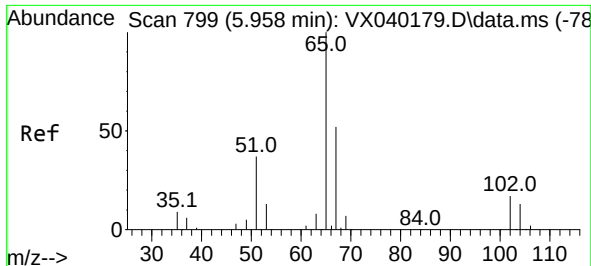
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.569 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 97 Resp: 28430
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.8 36.4 54.6





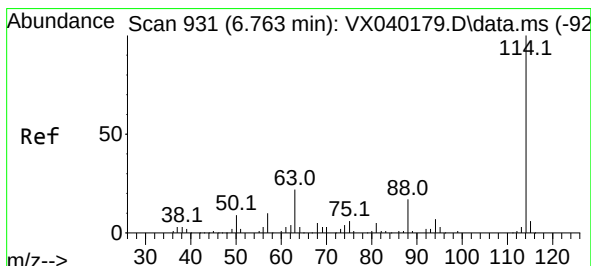
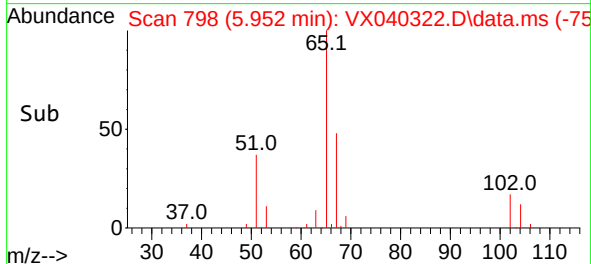
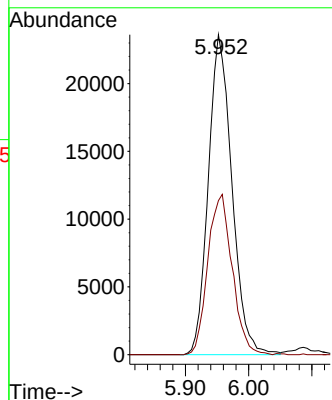
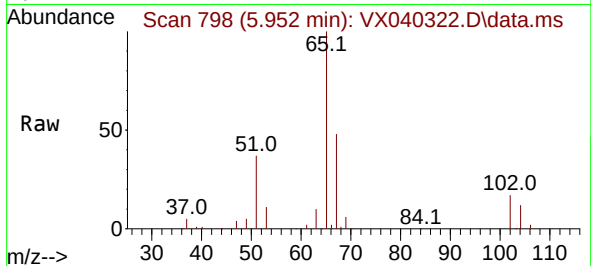
#33
 1,2-Dichloroethane-d4
 Concen: 53.950 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01

Tgt Ion: 65 Resp: 61248
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2

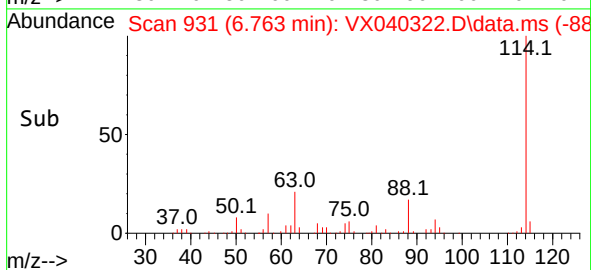
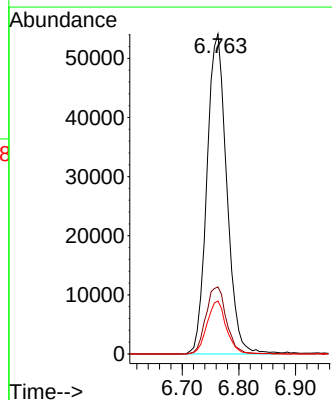
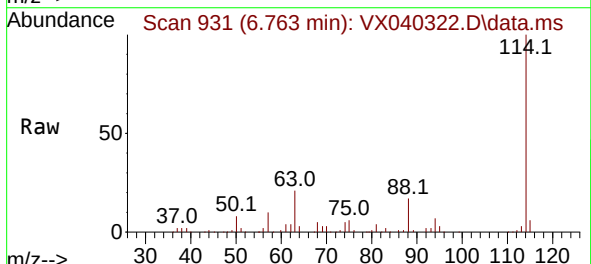
Manual Integrations
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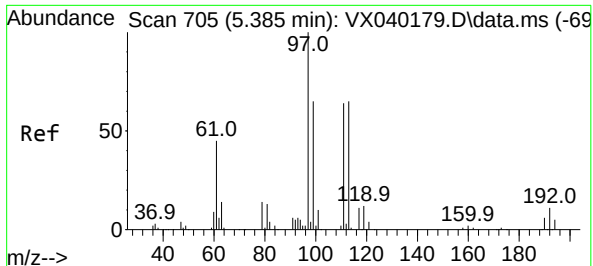
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

Tgt Ion:114 Resp: 131177
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.803 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion:113 Resp: 46539

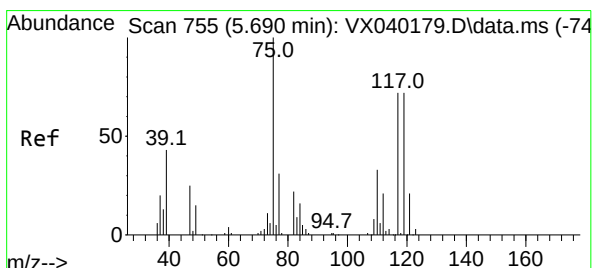
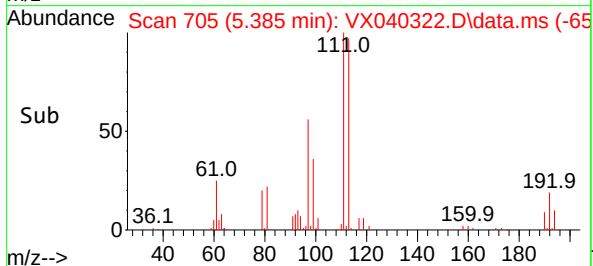
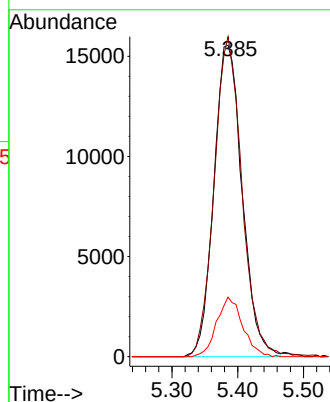
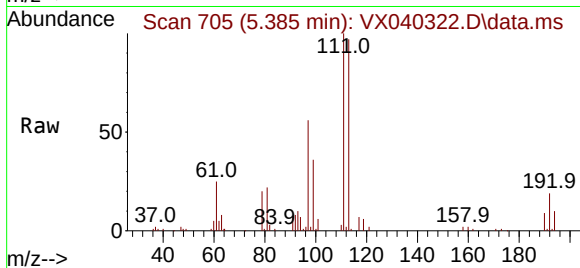
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.9	124.3
192	17.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#36

1,1-Dichloropropene

Concen: 18.836 ug/l

RT: 5.690 min Scan# 755

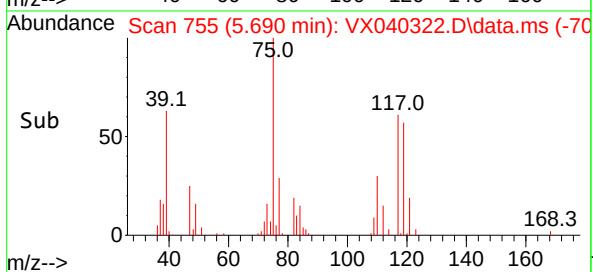
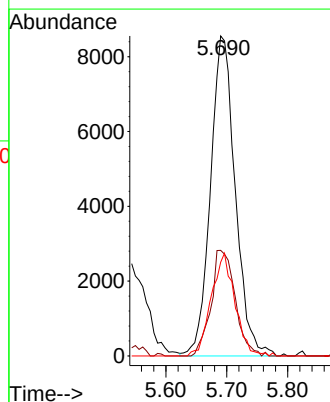
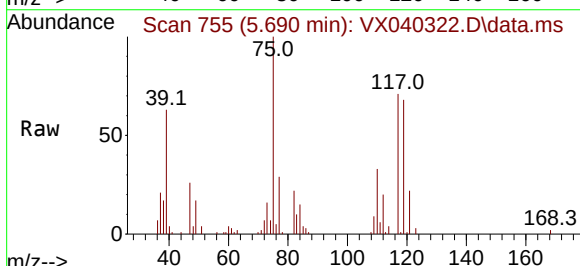
Delta R.T. -0.006 min

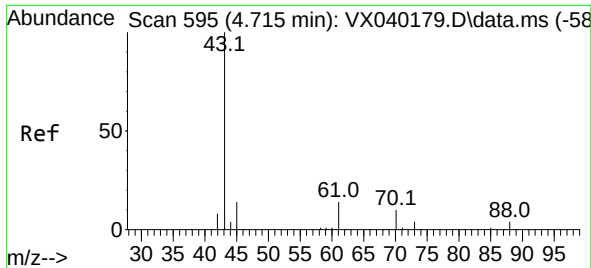
Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Tgt Ion: 75 Resp: 24171

Ion	Ratio	Lower	Upper
75	100		
110	32.3	17.0	50.9
77	30.8	24.7	37.1





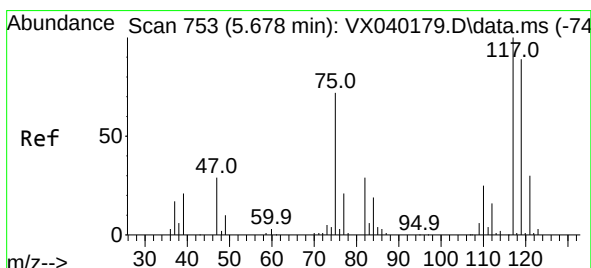
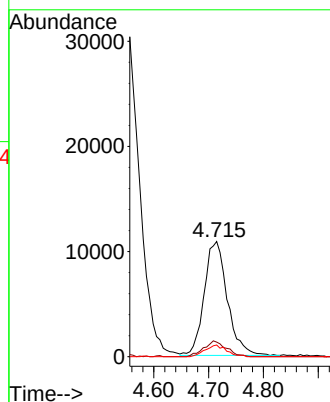
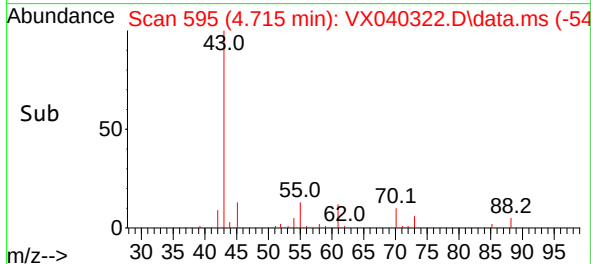
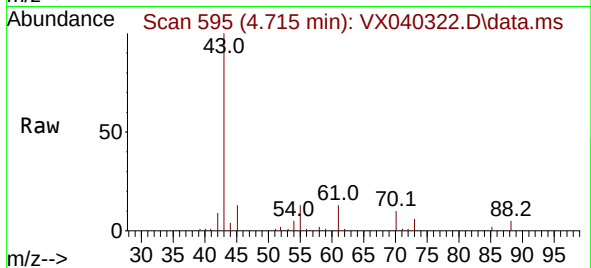
#37
Ethyl Acetate
Concen: 22.115 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 43	Resp: 3157
Ion Ratio	Lower Upper
43 100	
61 13.5	10.6 16.0
70 9.5	8.3 12.5

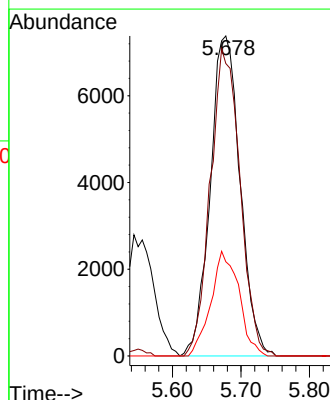
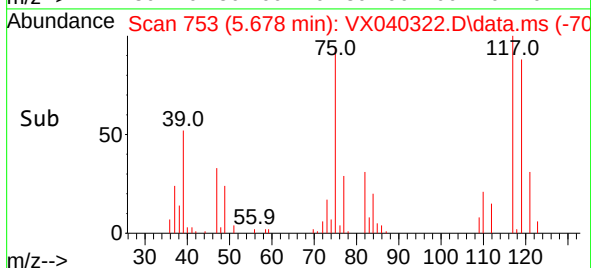
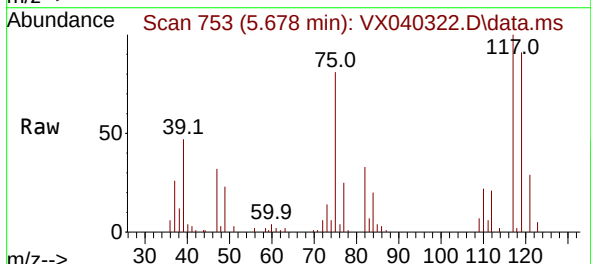
Manual Integrations
APPROVED

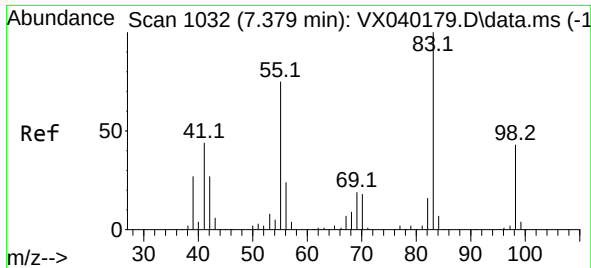
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 18.310 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 117	Resp: 22341
Ion Ratio	Lower Upper
117 100	
119 91.4	78.2 117.2
121 29.4	24.4 36.6





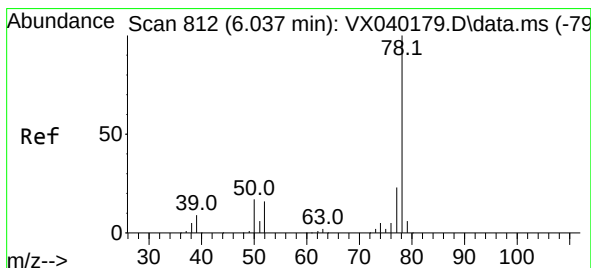
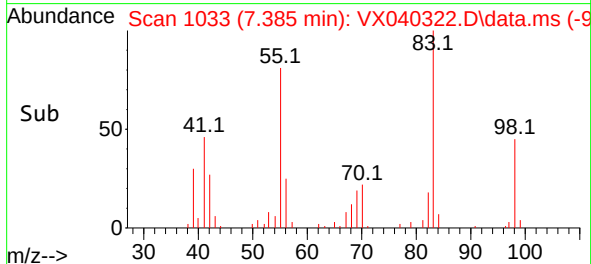
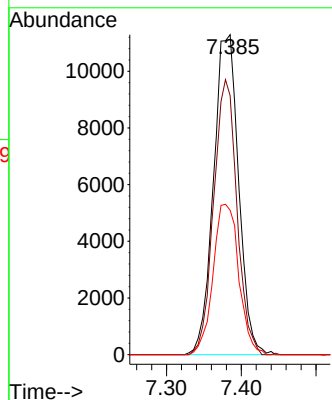
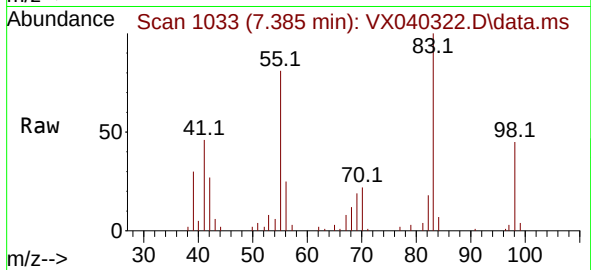
#39
Methylcyclohexane
Concen: 17.701 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 83 Resp: 26398
Ion Ratio Lower Upper
83 100
55 80.9 64.6 97.0
98 45.2 36.7 55.1

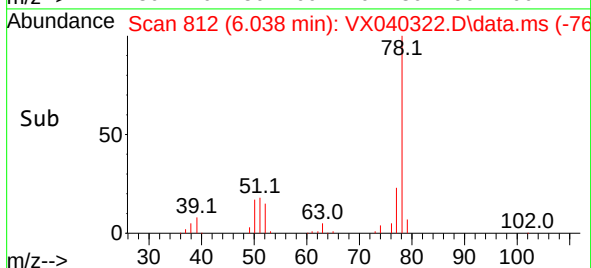
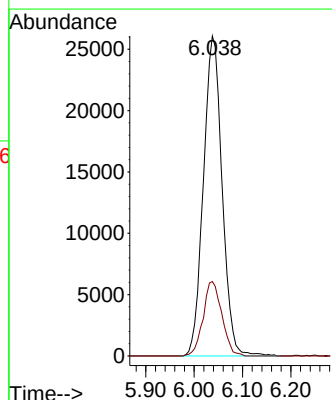
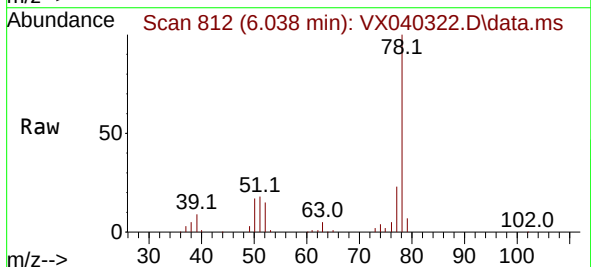
Manual Integrations
APPROVED

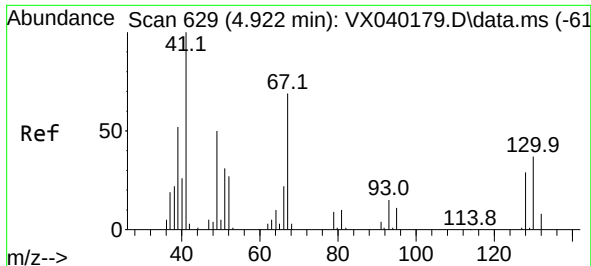
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#40
Benzene
Concen: 19.559 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

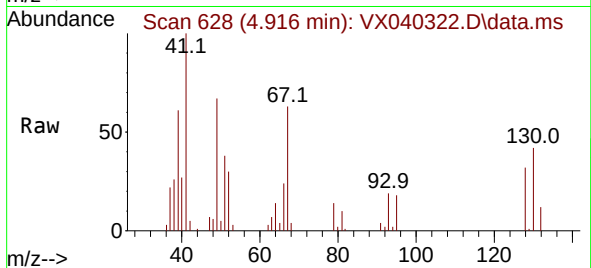
Tgt Ion: 78 Resp: 70187
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 23.157 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

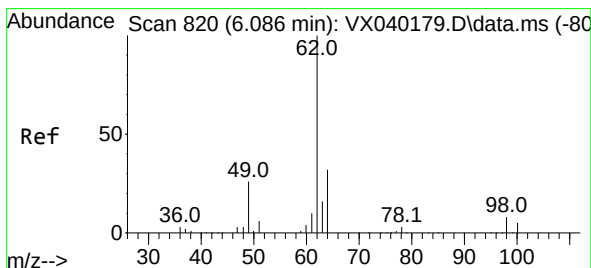
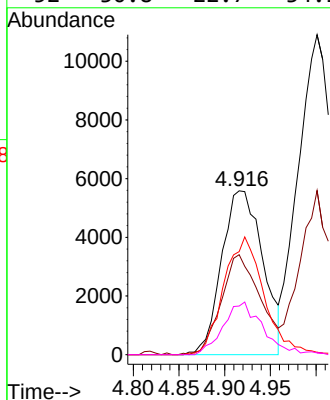
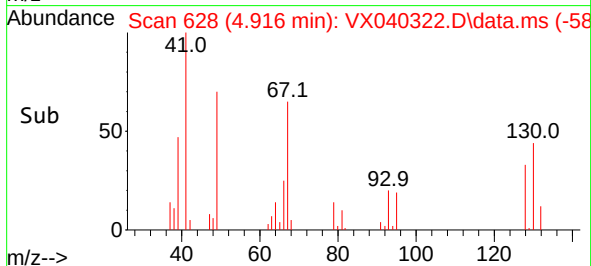
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 41	Resp: 17529
Ion Ratio	Lower Upper
41 100	
39 57.7	45.2 67.8
67 70.3	52.6 78.8
52 30.8	22.7 34.1

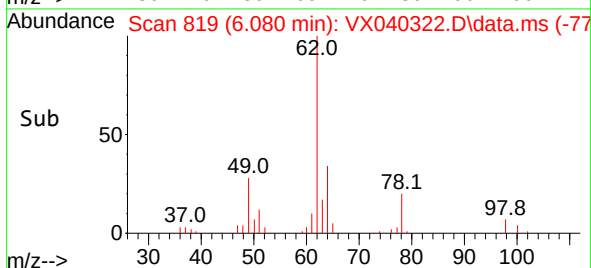
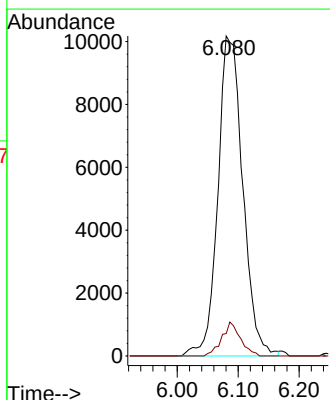
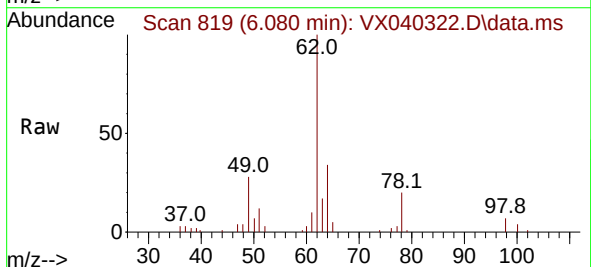
Manual Integrations
APPROVED

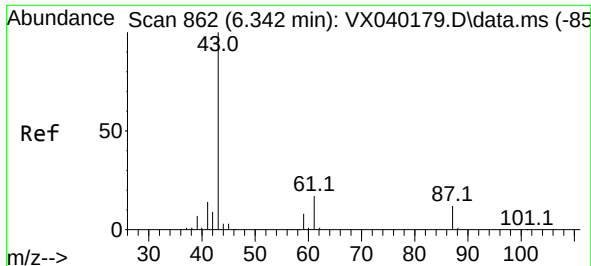
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 20.548 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

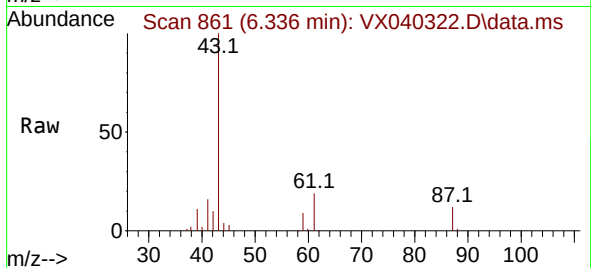
Tgt Ion: 62	Resp: 28822
Ion Ratio	Lower Upper
62 100	
98 7.9	0.0 16.0





#43
Isopropyl Acetate
Concen: 21.564 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

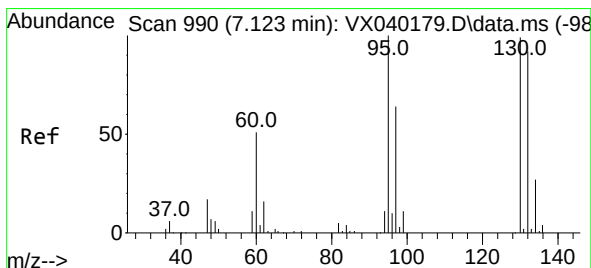
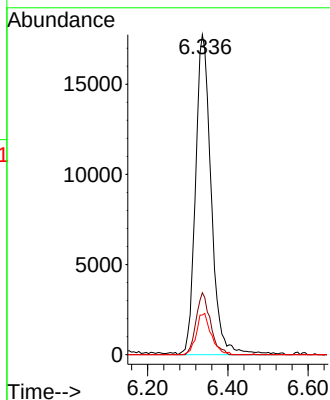
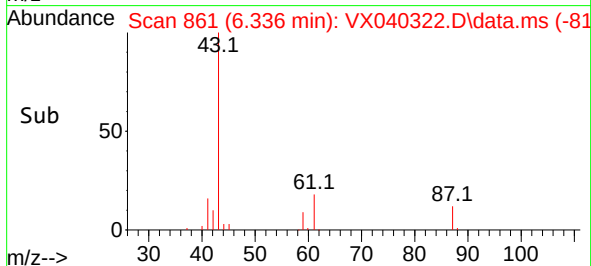
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



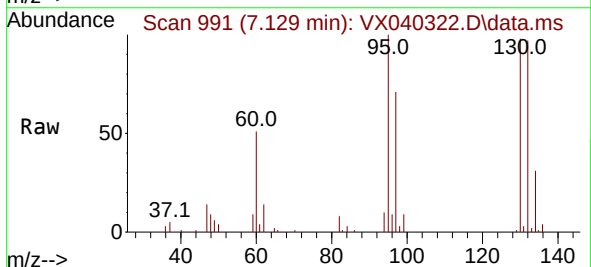
Tgt Ion: 43 Resp: 4806
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 12.2 9.8 14.6

Manual Integrations
APPROVED

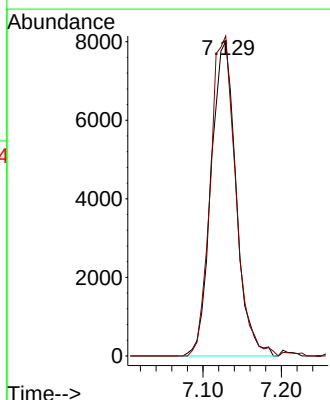
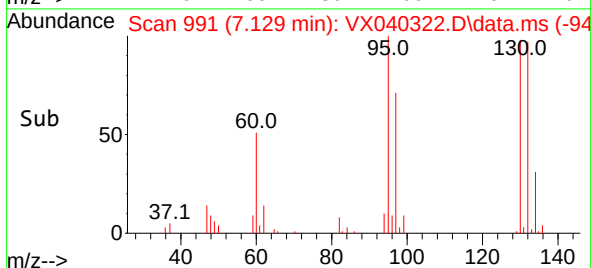
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

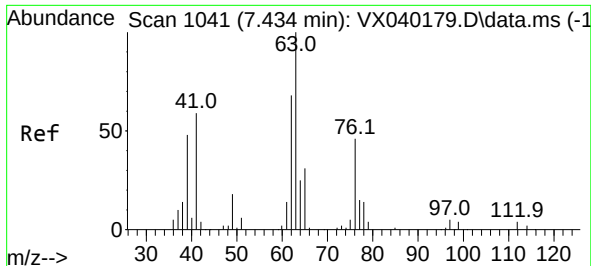


#44
Trichloroethene
Concen: 17.923 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion:130 Resp: 17742
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.842 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 63 Resp: 1946

Ion Ratio Lower Upper

63 100

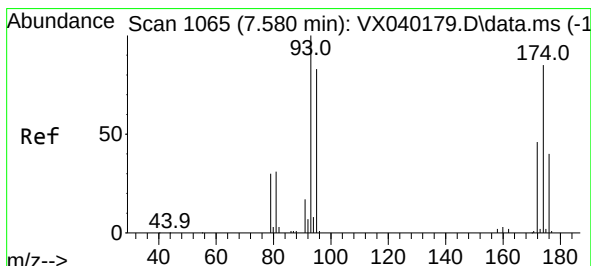
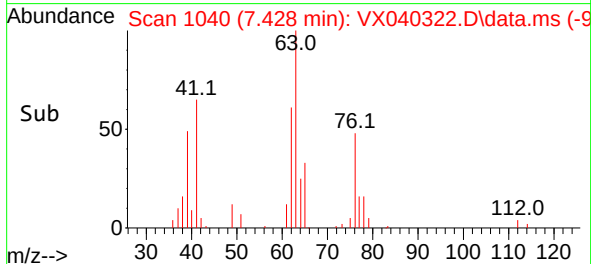
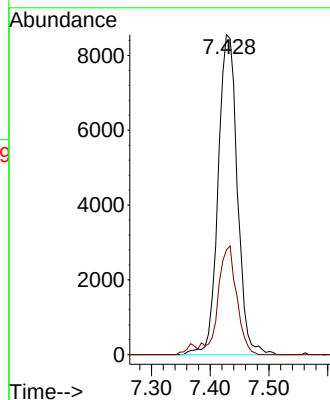
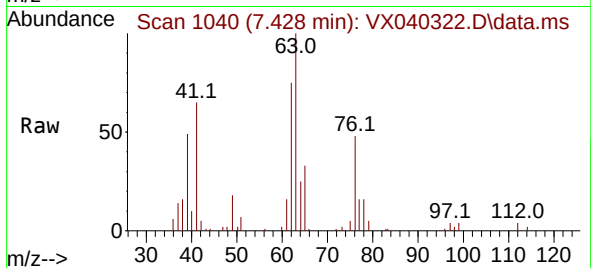
65 32.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 20.237 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

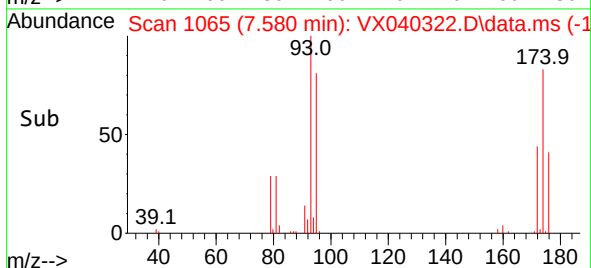
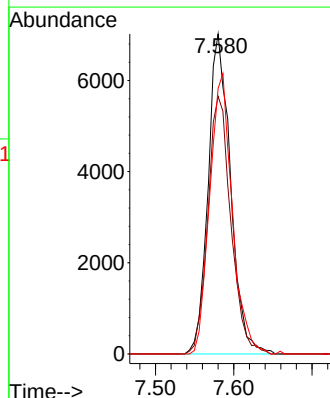
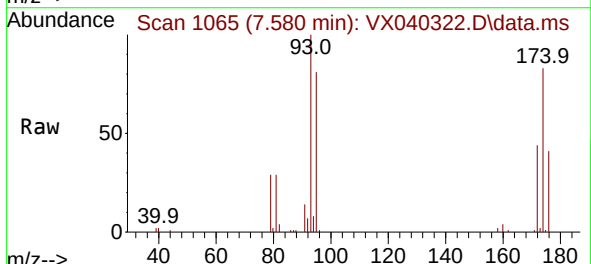
Tgt Ion: 93 Resp: 13921

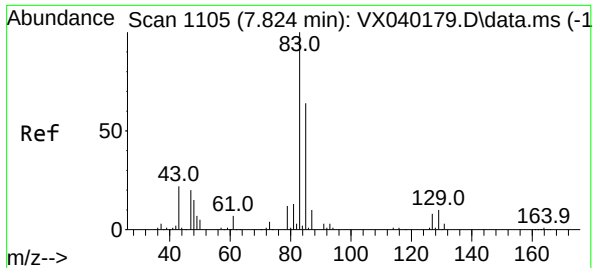
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 88.2 69.4 104.0





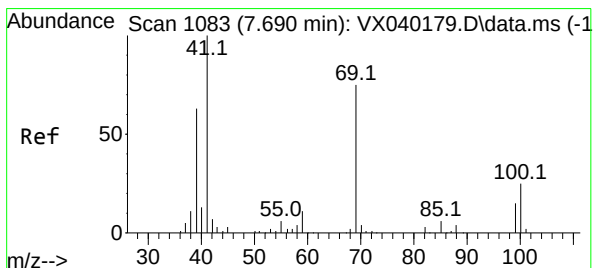
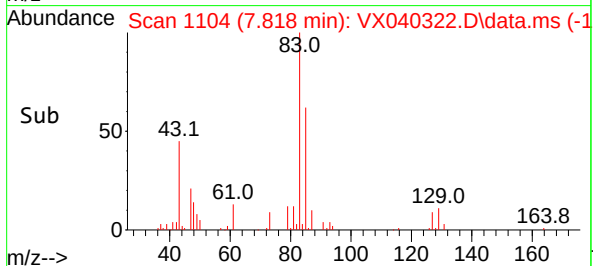
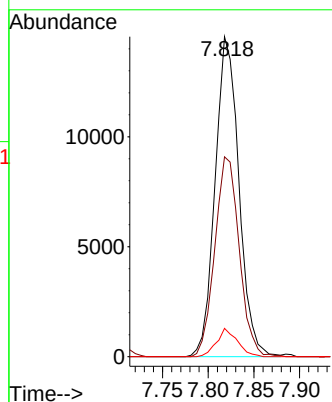
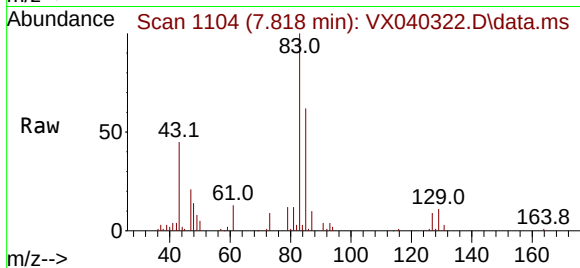
#47
Bromodichloromethane
Concen: 19.893 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 83 Resp: 2636
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.6
127 8.9 7.1 10.7

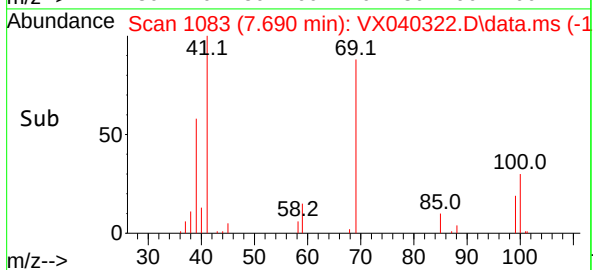
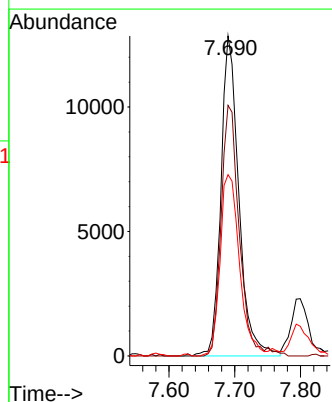
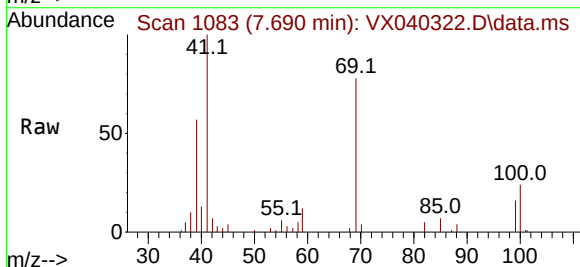
Manual Integrations
APPROVED

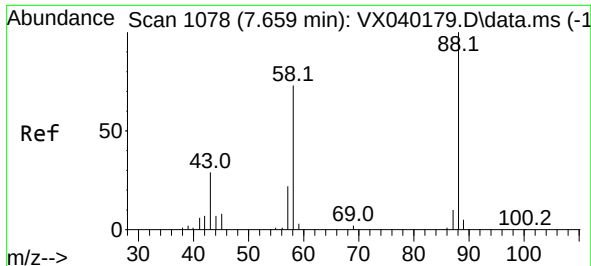
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 21.341 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 41 Resp: 24340
Ion Ratio Lower Upper
41 100
69 79.6 59.2 88.8
39 61.3 47.7 71.5





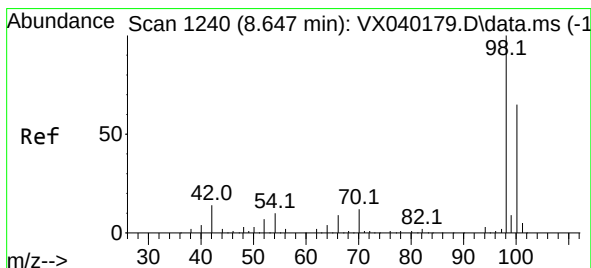
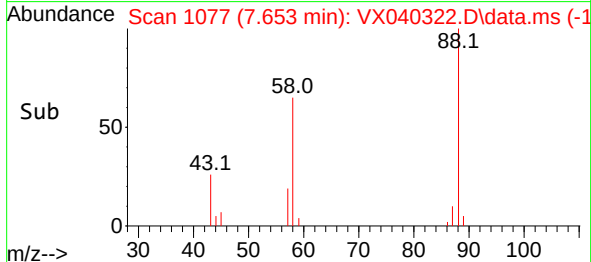
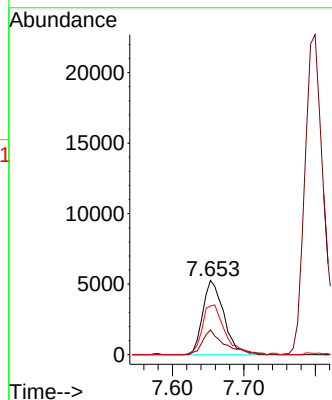
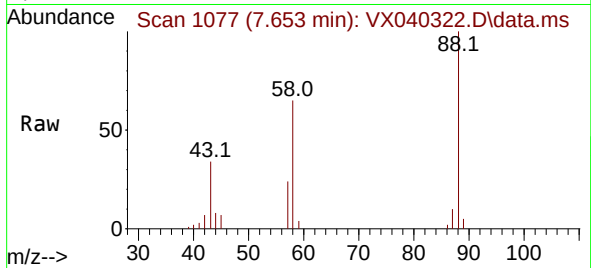
#49
1,4-Dioxane
Concen: 436.927 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 88 Resp: 1084
Ion Ratio Lower Upper
88 100
43 34.2 0.0 0.0
58 71.0 60.1 90.1

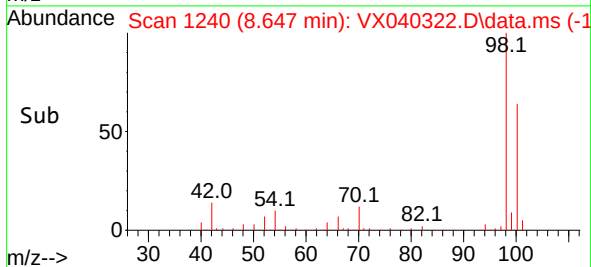
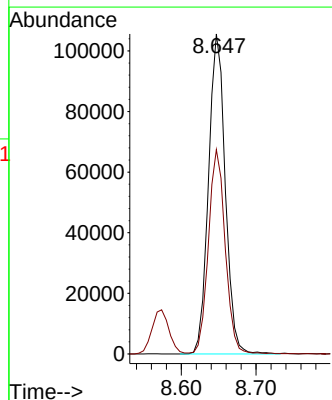
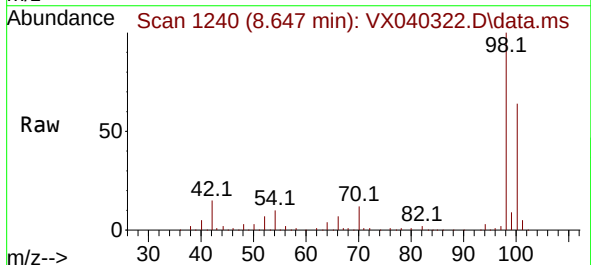
Manual Integrations
APPROVED

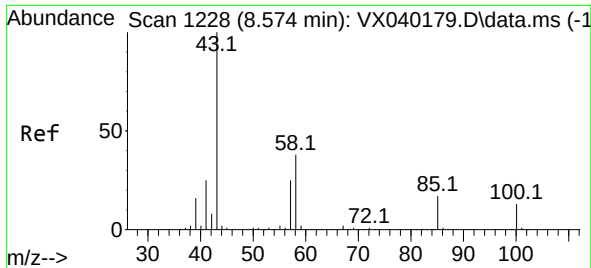
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#50
Toluene-d8
Concen: 47.923 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 98 Resp: 164220
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





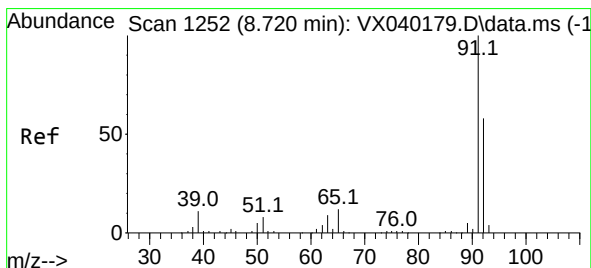
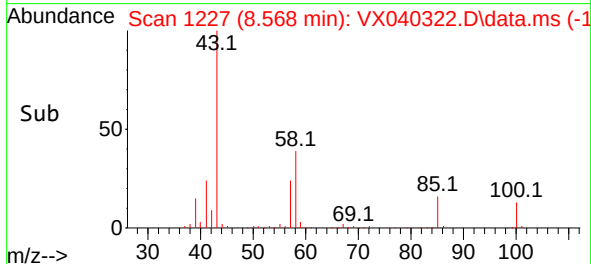
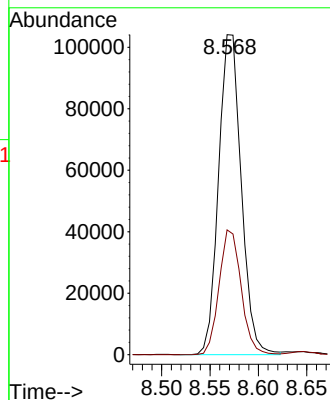
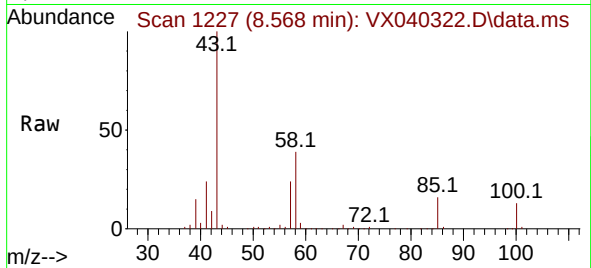
#51
4-Methyl-2-Pentanone
Concen: 111.506 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 43 Resp: 16969
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6

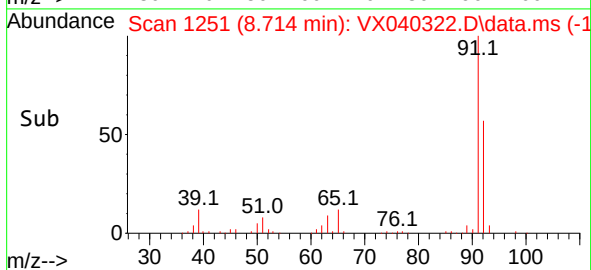
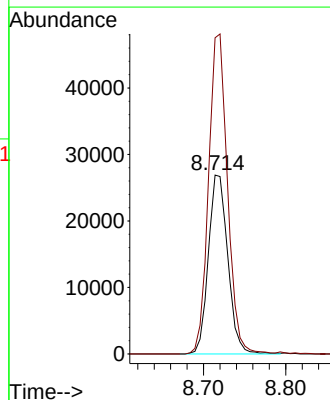
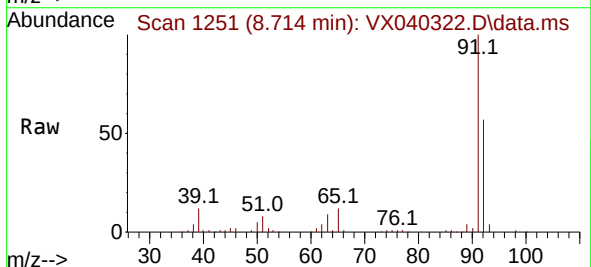
Manual Integrations
APPROVED

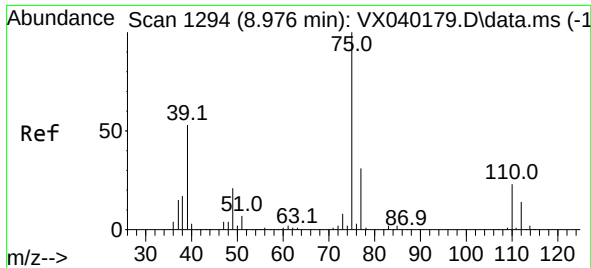
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#52
Toluene
Concen: 18.786 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion: 92 Resp: 44157
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.037 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 75 Resp: 2665

Ion Ratio Lower Upper

75 100

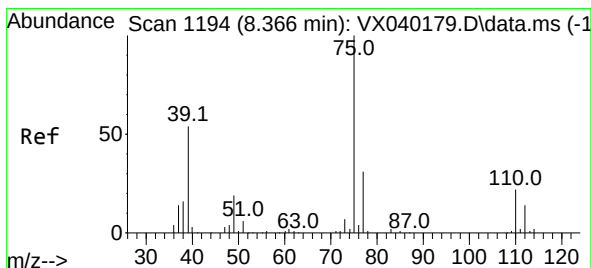
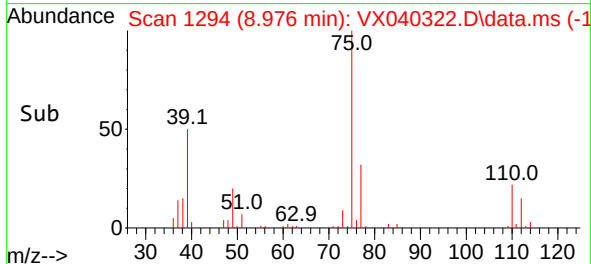
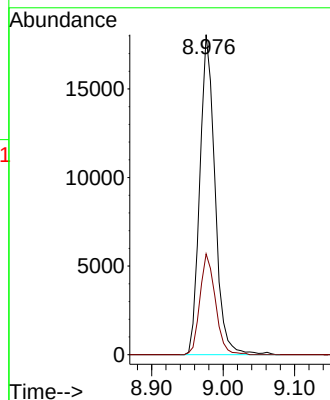
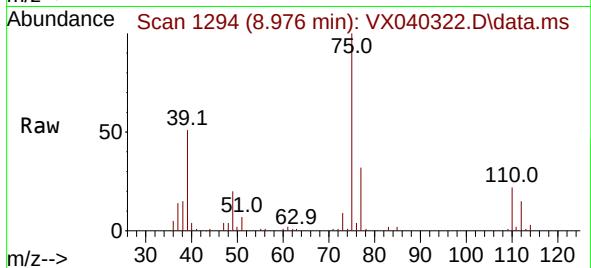
77 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#54

cis-1,3-Dichloropropene

Concen: 19.878 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

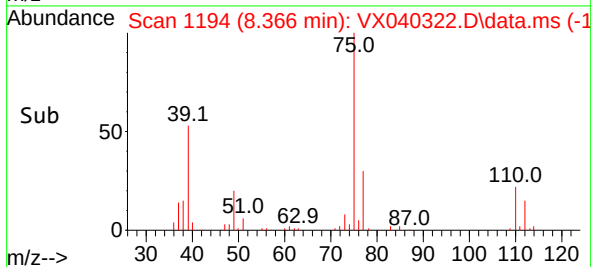
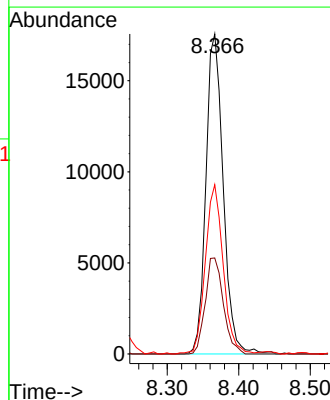
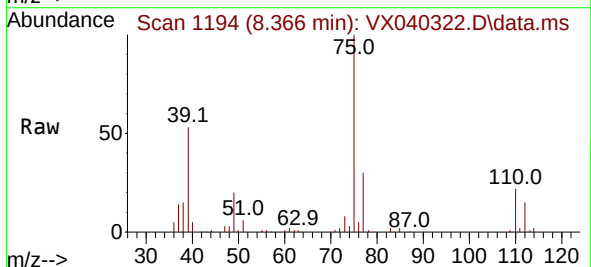
Tgt Ion: 75 Resp: 29529

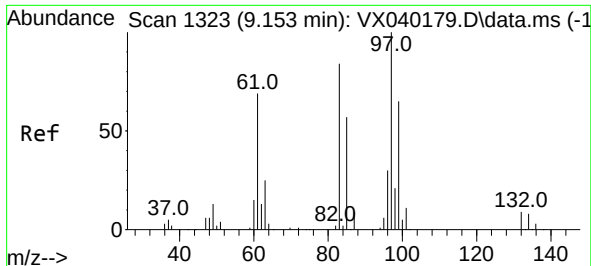
Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9

39 52.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 19.123 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

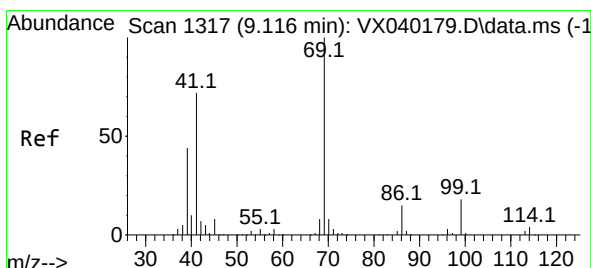
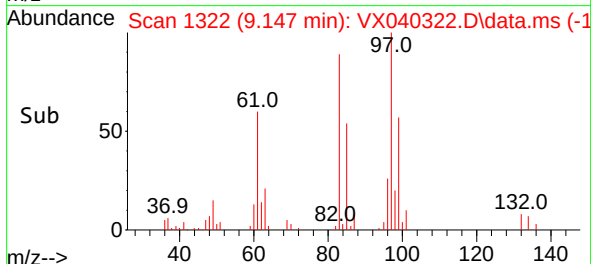
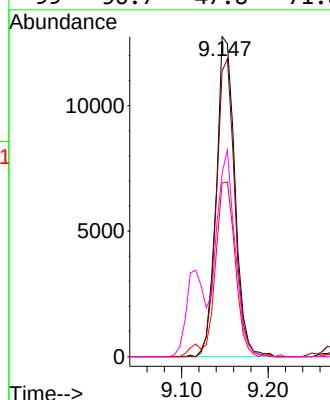
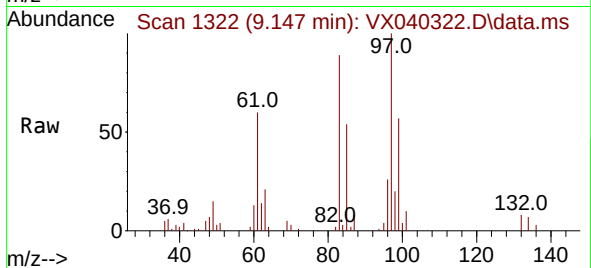
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	65.8	98.8
85	54.3	41.6	62.4
99	56.7	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#56

Ethyl methacrylate

Concen: 19.778 ug/l

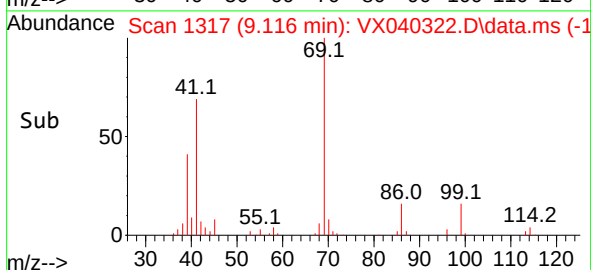
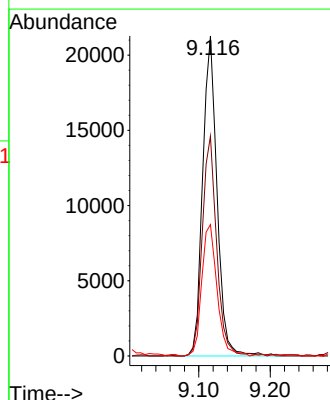
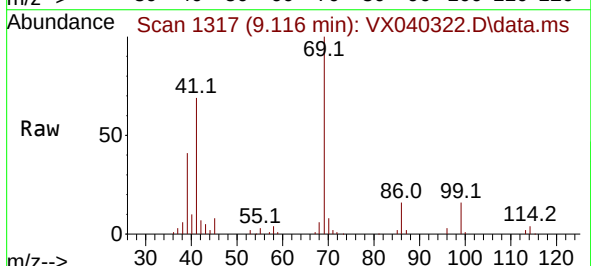
RT: 9.116 min Scan# 1317

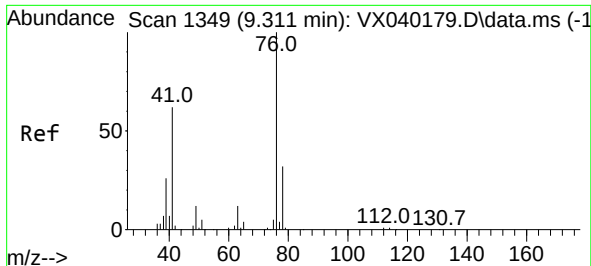
Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.8	85.2
39	43.8	32.0	48.0





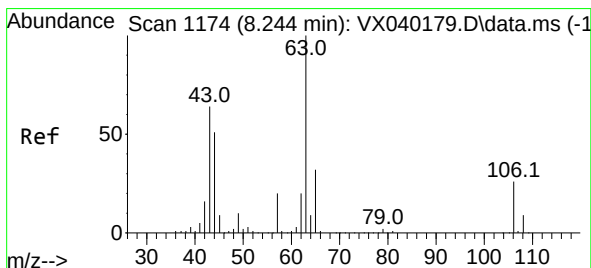
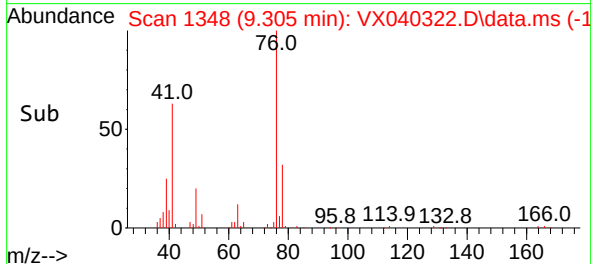
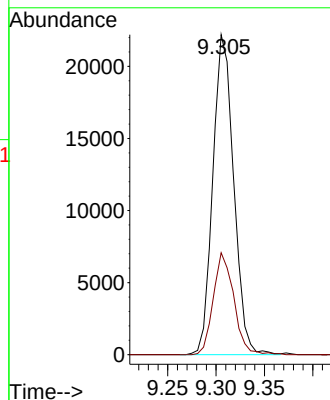
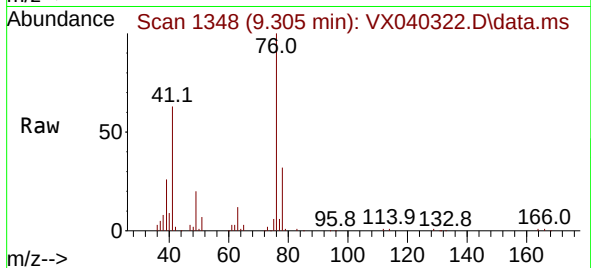
#57
1,3-Dichloropropane
Concen: 20.296 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 76 Resp: 3321
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

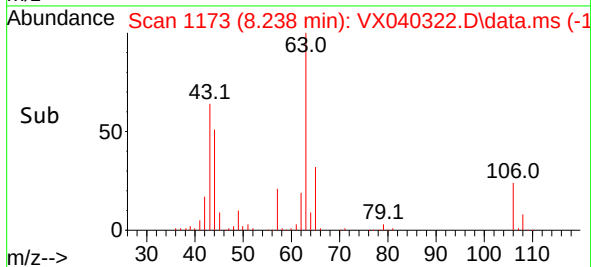
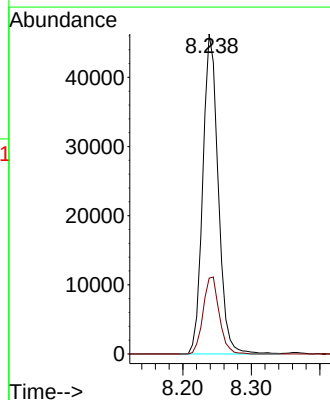
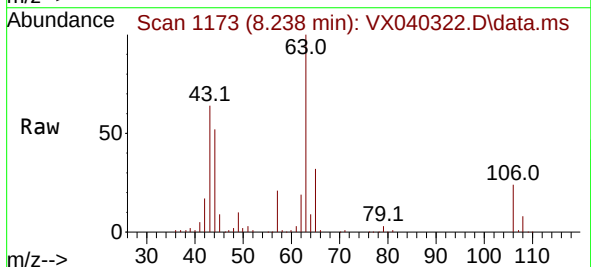
Manual Integrations
APPROVED

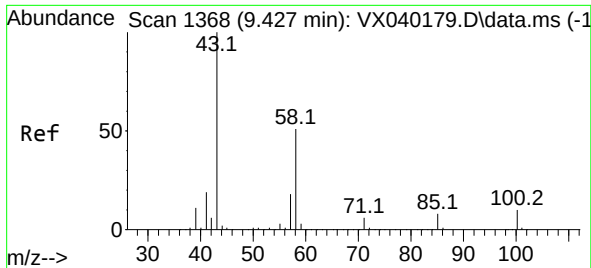
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 102.183 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

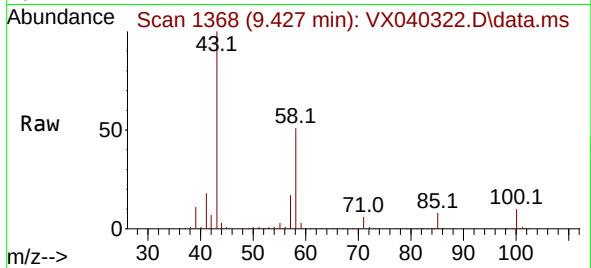
Tgt Ion: 63 Resp: 72549
Ion Ratio Lower Upper
63 100
106 25.1 22.5 33.7





#59
2-Hexanone
Concen: 114.107 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

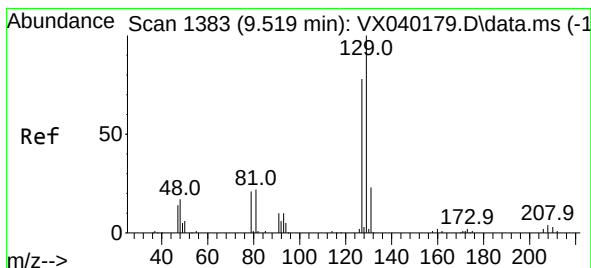
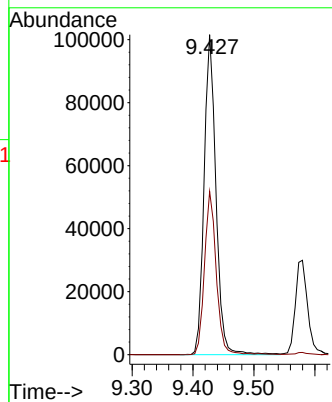
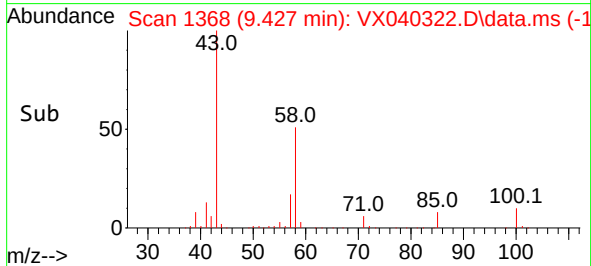
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 43 Resp: 137679
Ion Ratio Lower Upper
43 100
58 50.5 26.2 78.5

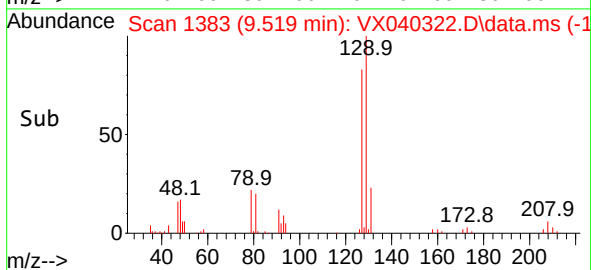
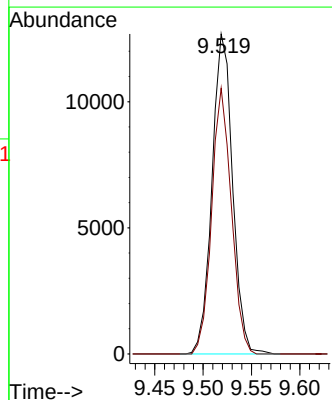
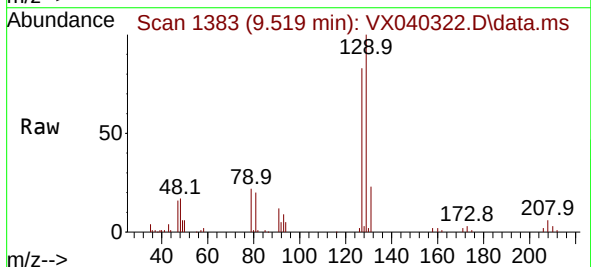
Manual Integrations
APPROVED

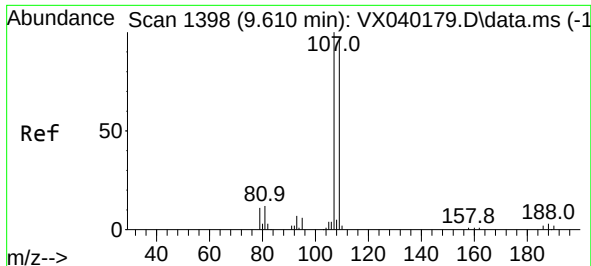
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 18.363 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

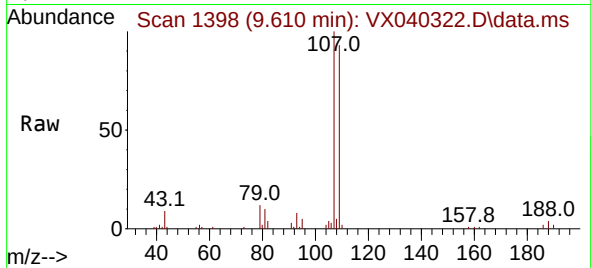
Tgt Ion:129 Resp: 18756
Ion Ratio Lower Upper
129 100
127 79.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.459 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

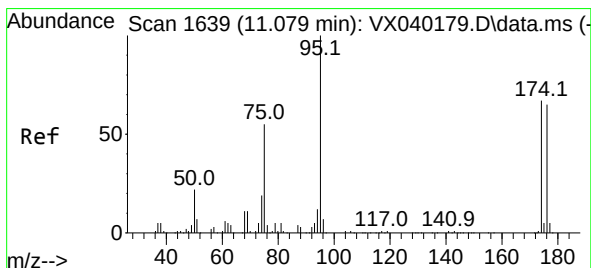
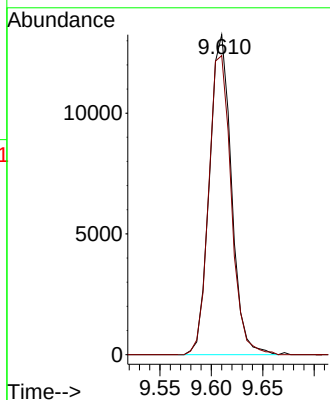
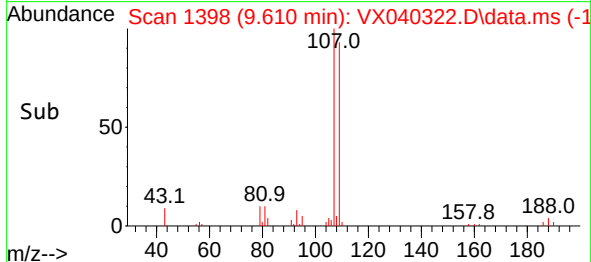
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion:107 Resp: 1967
Ion Ratio Lower Upper
107 100
109 95.9 75.2 112.8

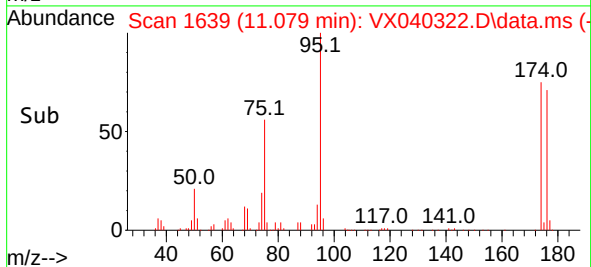
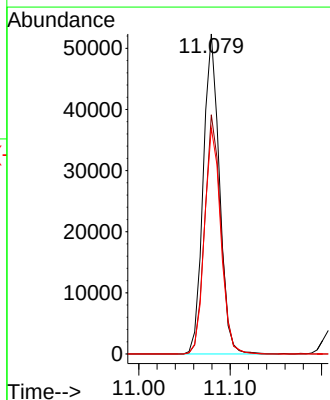
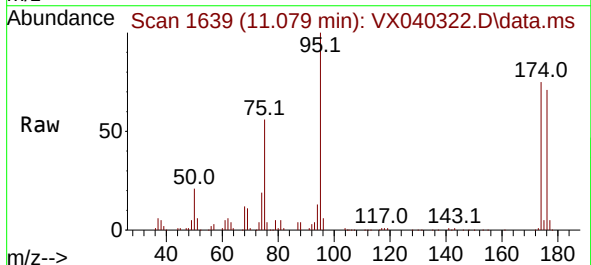
Manual Integrations
APPROVED

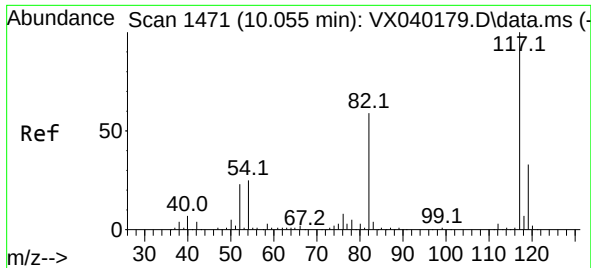
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#62
4-Bromofluorobenzene
Concen: 45.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

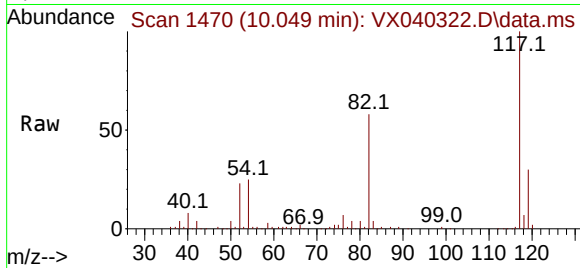
Tgt Ion: 95 Resp: 64052
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

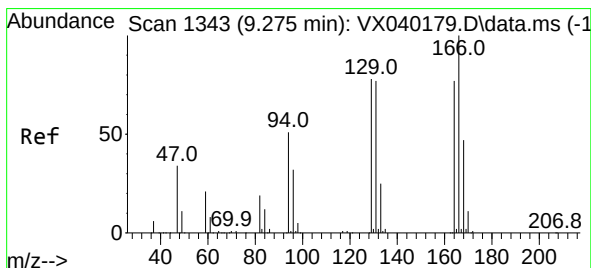
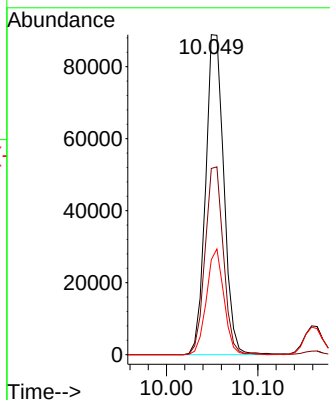
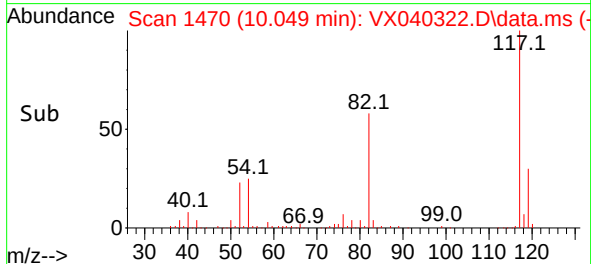
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion:117 Resp: 122940
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 29.7 25.5 38.3

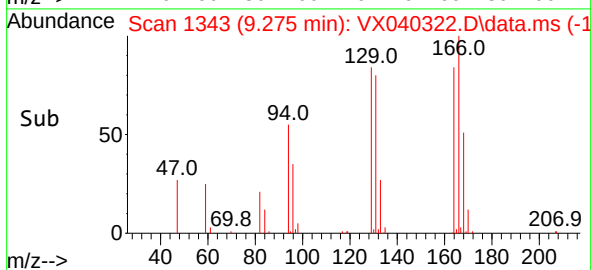
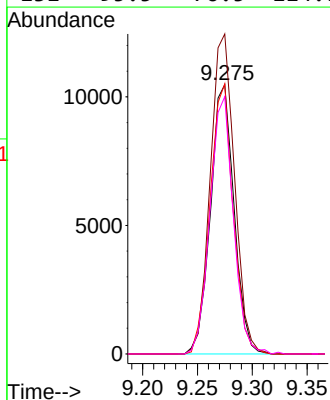
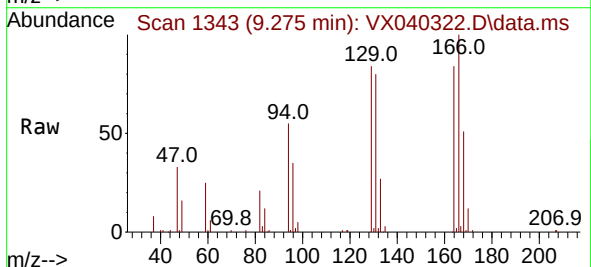
Manual Integrations
APPROVED

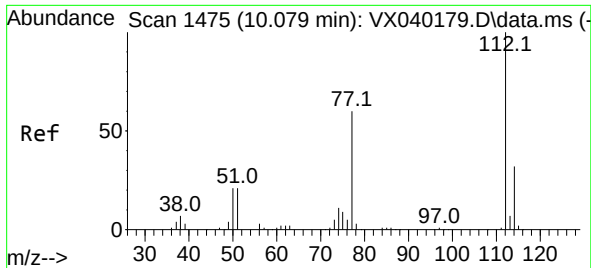
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 18.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Tgt Ion:164 Resp: 15652
Ion Ratio Lower Upper
164 100
166 118.8 102.7 154.1
129 100.3 80.4 120.6
131 95.5 76.5 114.7





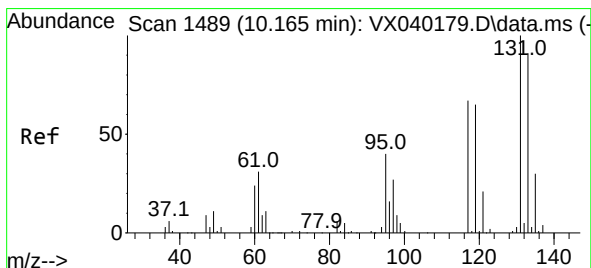
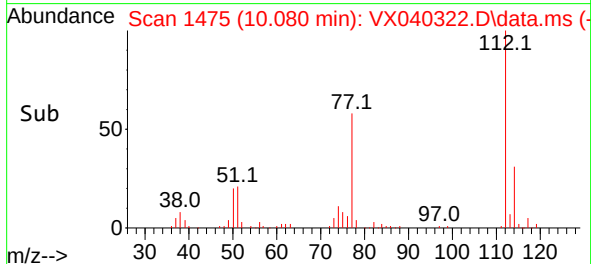
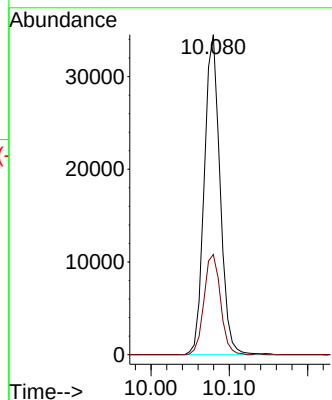
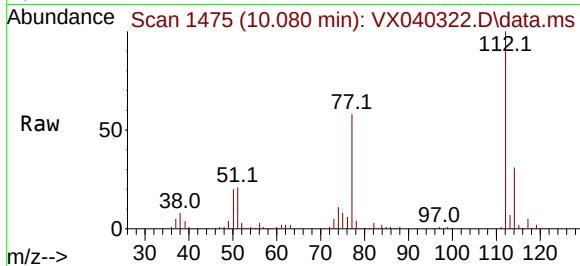
#65
Chlorobenzene
Concen: 18.786 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion:112 Resp: 48200
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

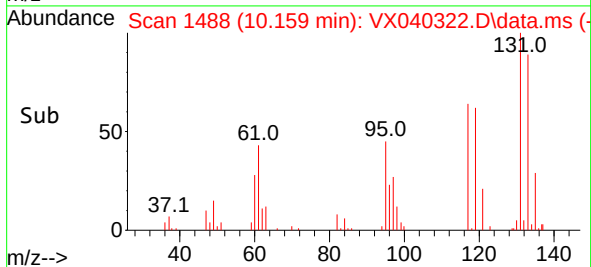
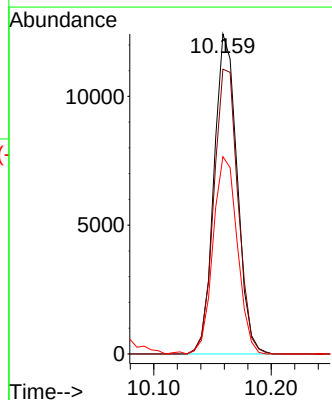
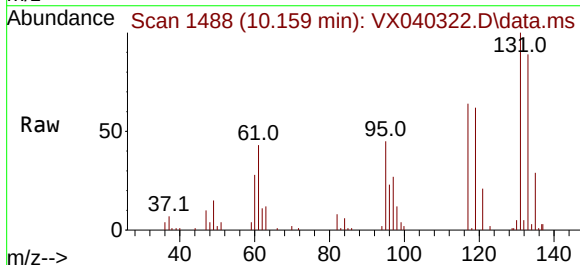
Manual Integrations
APPROVED

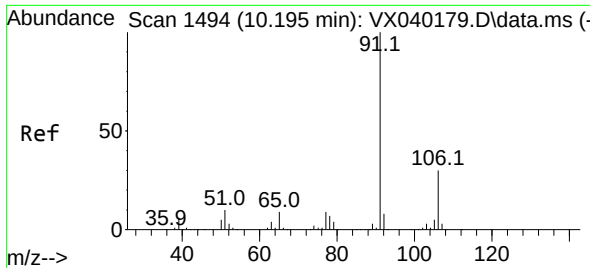
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.117 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

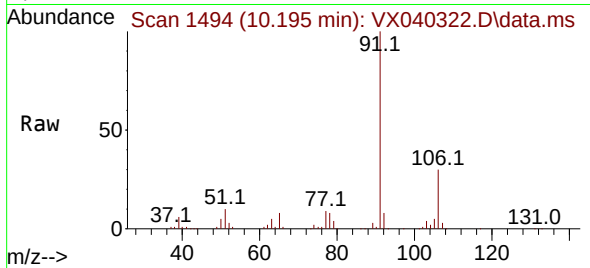
Tgt Ion:131 Resp: 16988
Ion Ratio Lower Upper
131 100
133 92.9 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 19.125 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

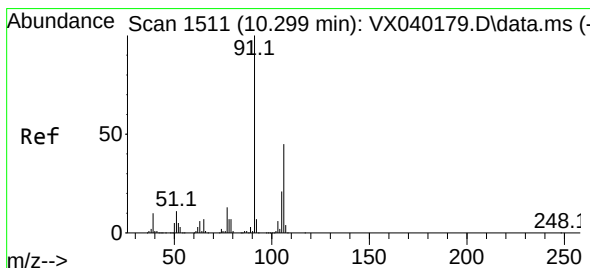
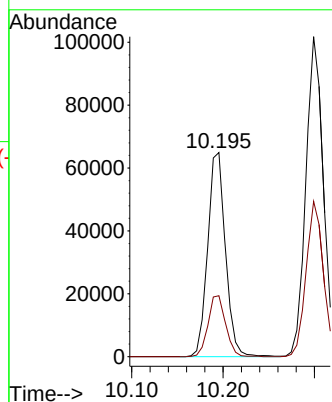
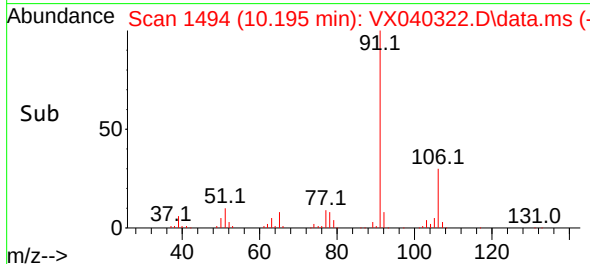
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



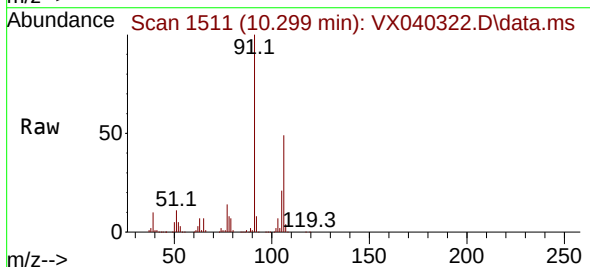
Tgt Ion: 91 Resp: 87395
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

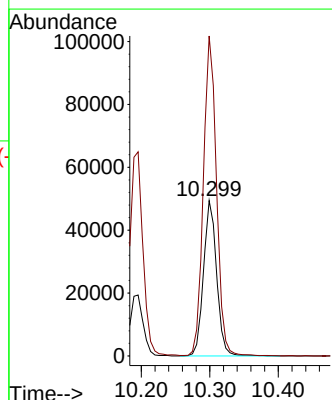
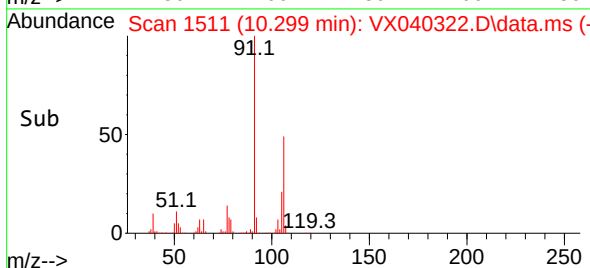
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

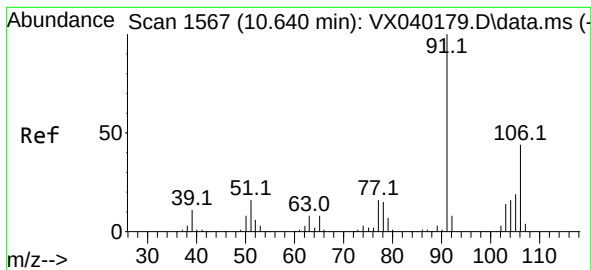


#68
m/p-Xylenes
Concen: 38.230 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion:106 Resp: 65980
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3





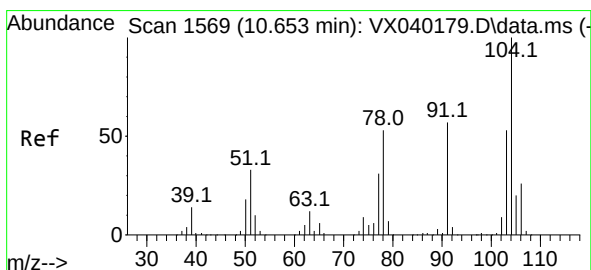
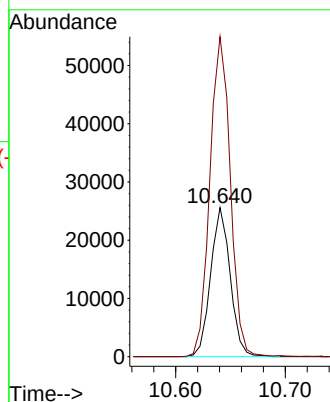
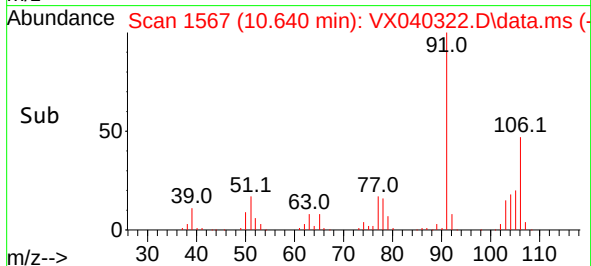
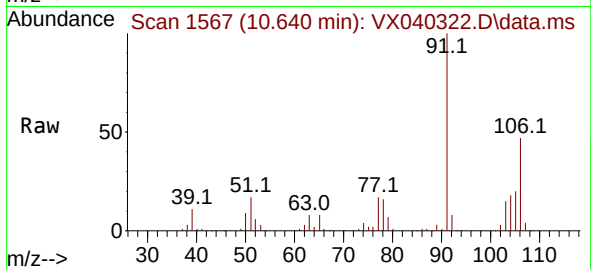
#69
o-Xylene
Concen: 18.922 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion:106 Resp: 31734
Ion Ratio Lower Upper
106 100
91 225.3 108.9 326.8

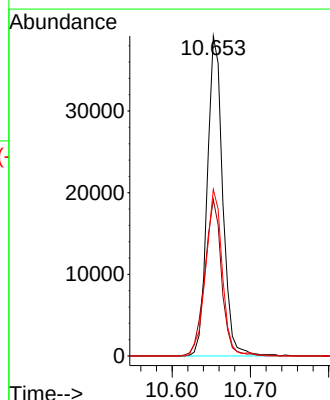
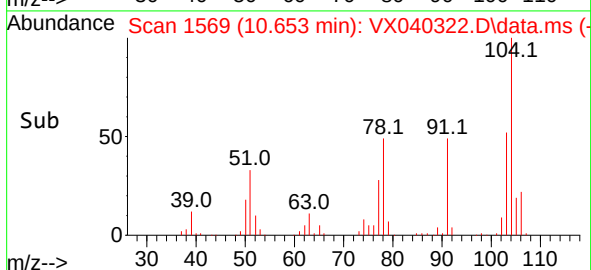
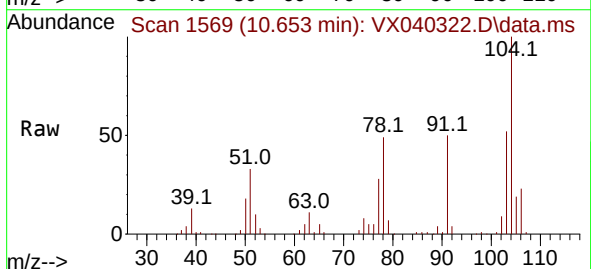
Manual Integrations
APPROVED

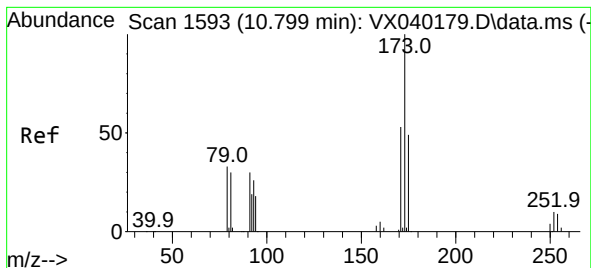
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 19.210 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

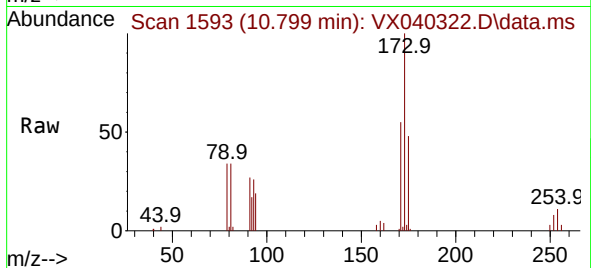
Tgt Ion:104 Resp: 53565
Ion Ratio Lower Upper
104 100
78 53.6 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 17.527 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

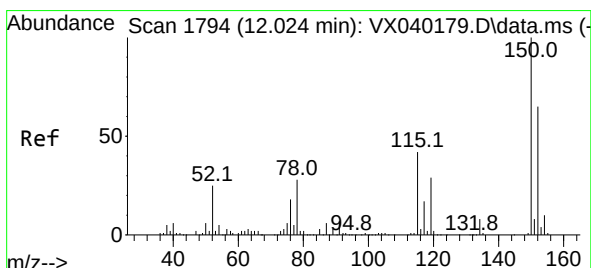
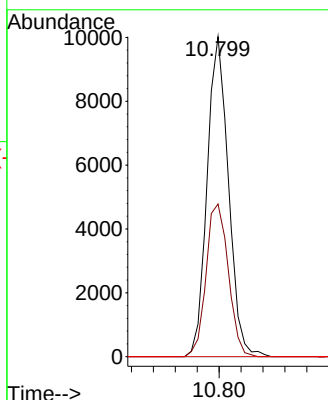
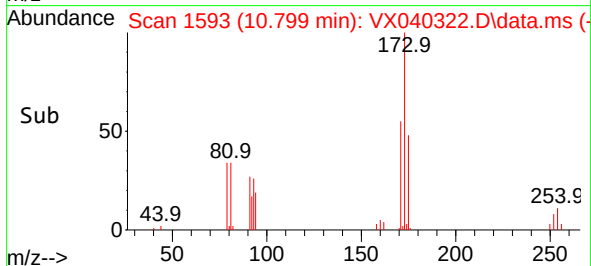
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



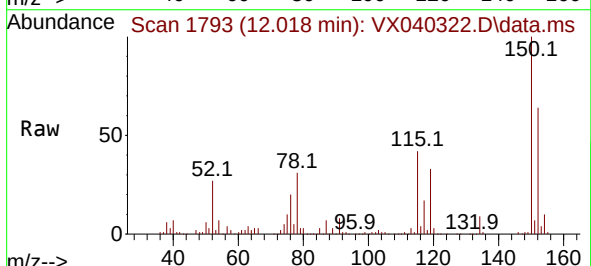
Tgt Ion:173 Resp: 1352
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

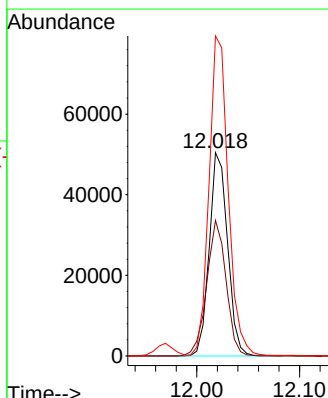
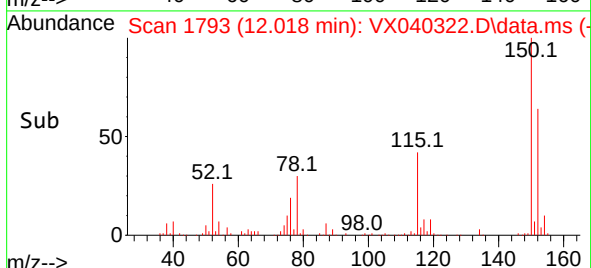
Reviewed By :John Carbone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

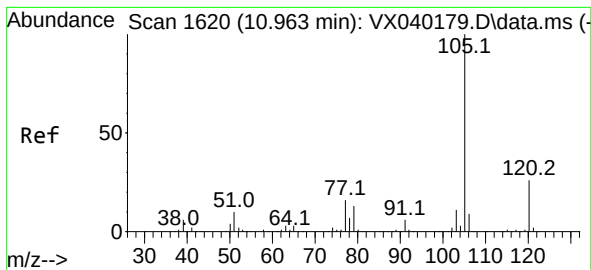


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion:152 Resp: 62449
Ion Ratio Lower Upper
152 100
115 70.4 43.3 129.9
150 164.8 0.0 345.0





#73

Isopropylbenzene

Concen: 19.532 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion:105 Resp: 85912

Ion Ratio Lower Upper

105 100

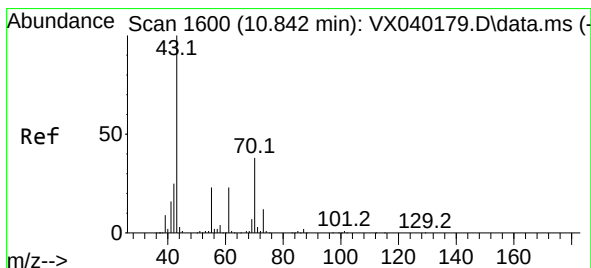
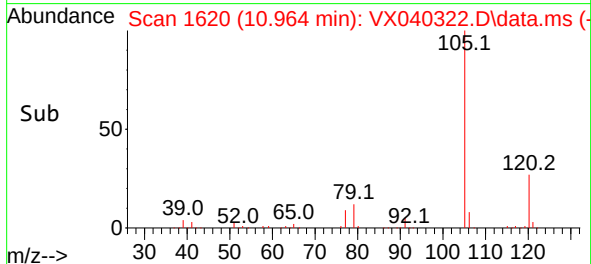
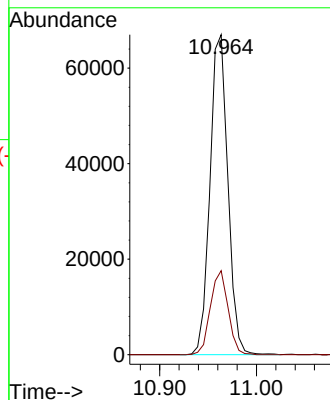
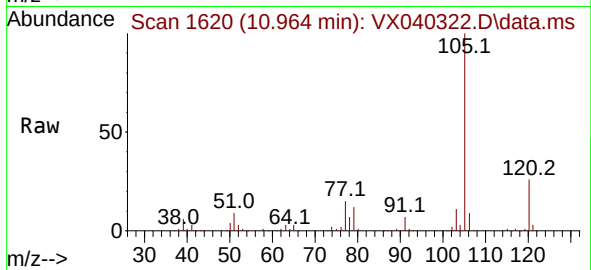
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#74

N-ethyl acetate

Concen: 21.051 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Tgt Ion: 43 Resp: 39689

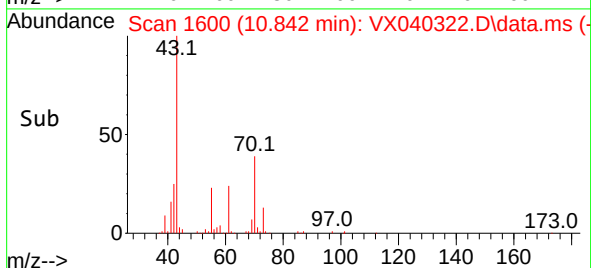
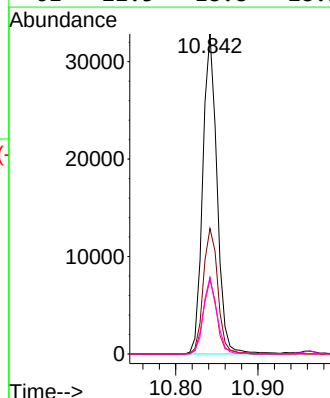
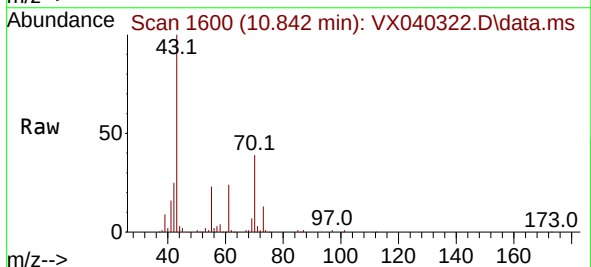
Ion Ratio Lower Upper

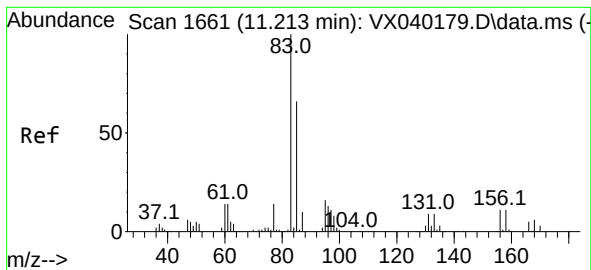
43 100

70 39.8 32.9 49.3

55 22.5 19.3 28.9

61 22.5 18.8 28.2





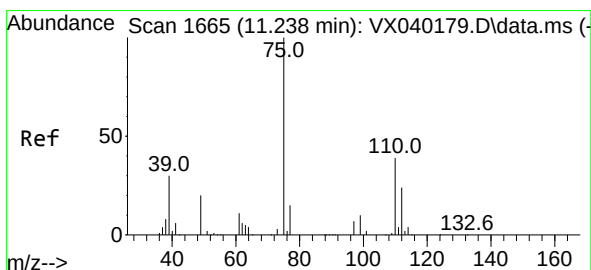
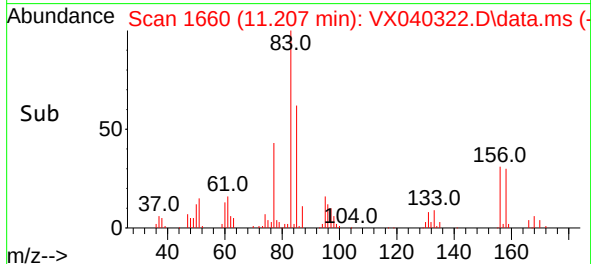
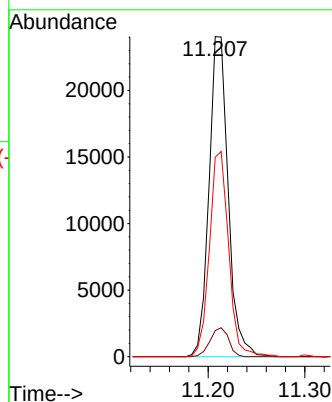
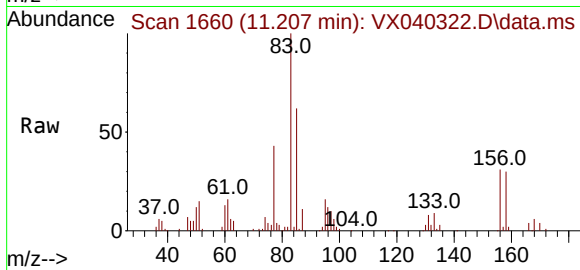
#75
1,1,2,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 83 Resp: 33110
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.8
85 64.2 32.0 96.2

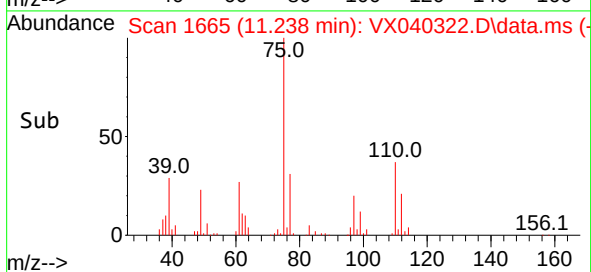
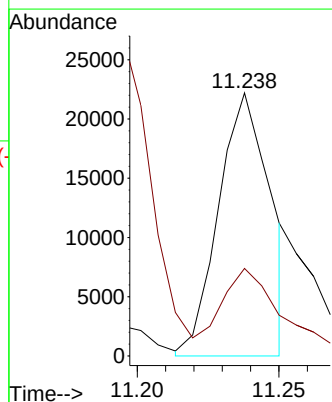
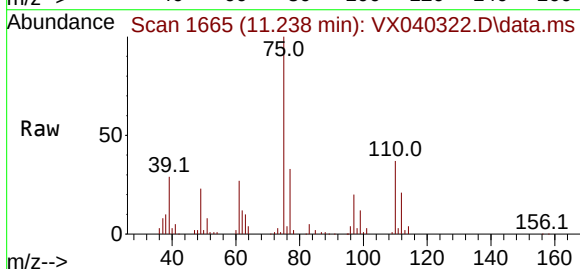
Manual Integrations
APPROVED

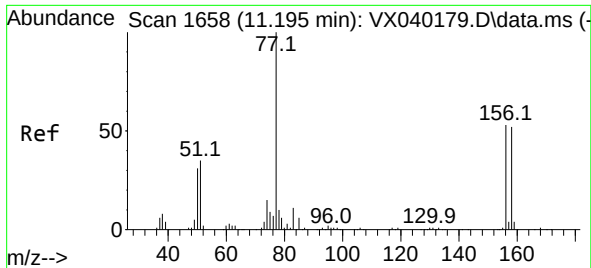
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 22.300 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

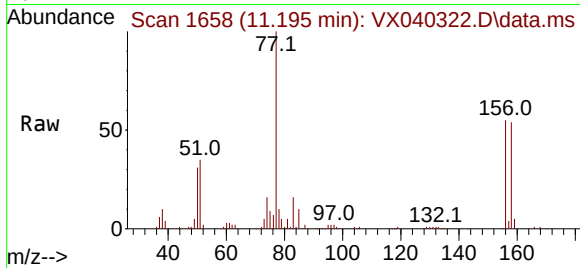
Tgt Ion: 75 Resp: 28201
Ion Ratio Lower Upper
75 100
77 40.2 19.1 57.5





#77
Bromobenzene
Concen: 18.947 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

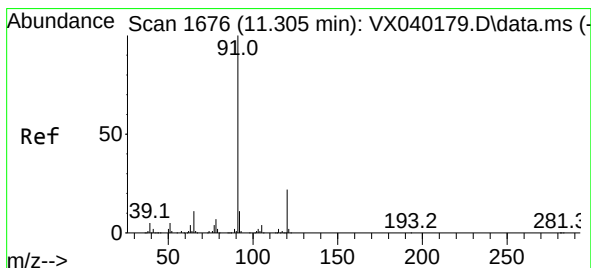
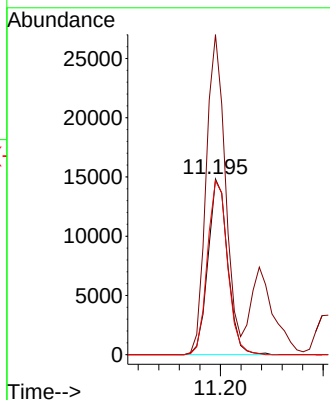
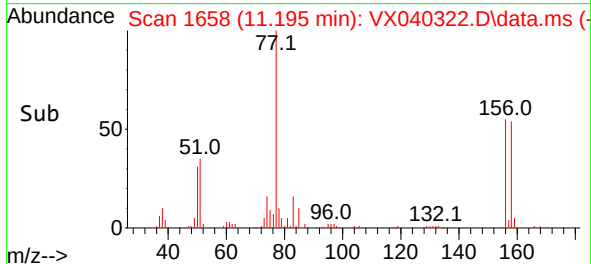
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



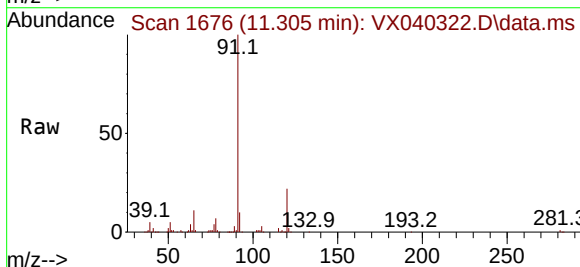
Tgt Ion:156 Resp: 1968
Ion Ratio Lower Upper
156 100
77 178.5 88.4 265.3
158 101.3 48.0 144.0

Manual Integrations
APPROVED

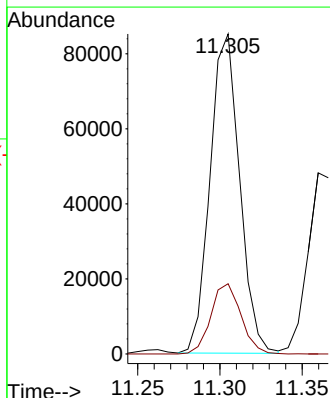
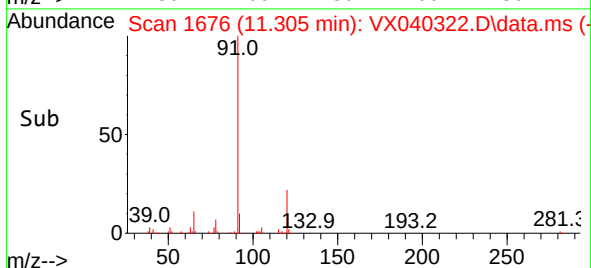
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

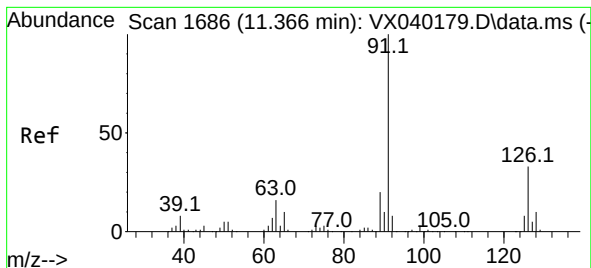


#78
n-propylbenzene
Concen: 19.995 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion: 91 Resp: 106475
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.547 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 91 Resp: 62850

Ion Ratio Lower Upper

91 100

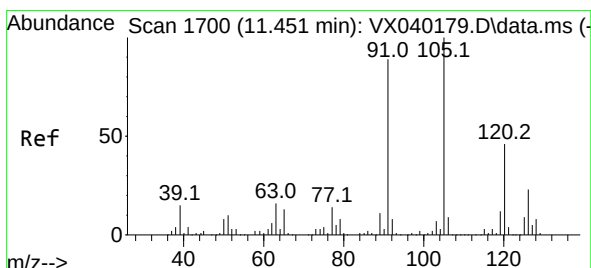
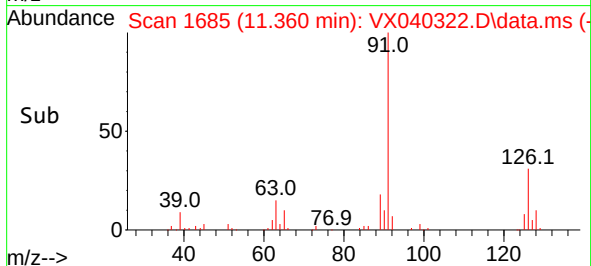
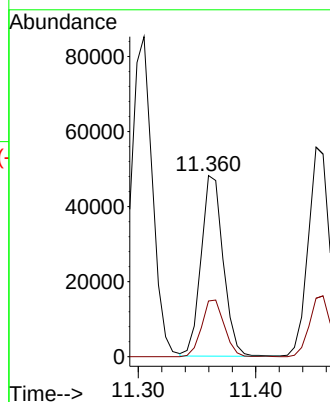
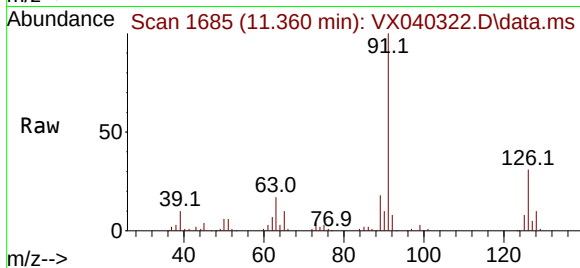
126 32.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.756 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040322.D

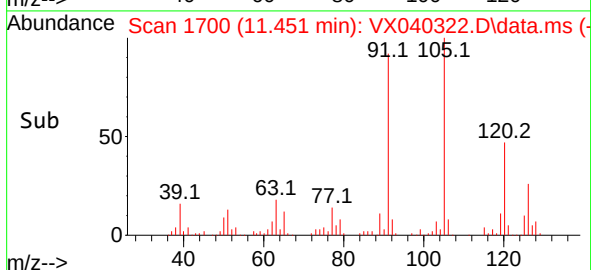
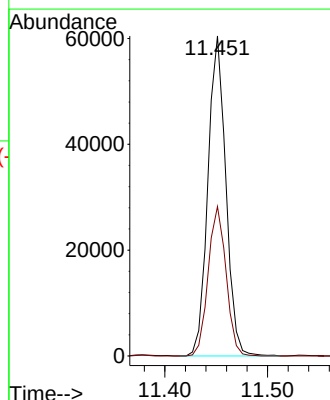
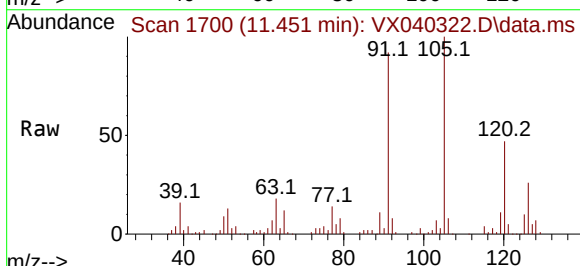
Acq: 19 Feb 2024 11:49

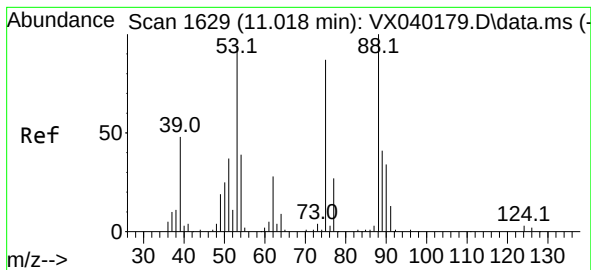
Tgt Ion:105 Resp: 73157

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3





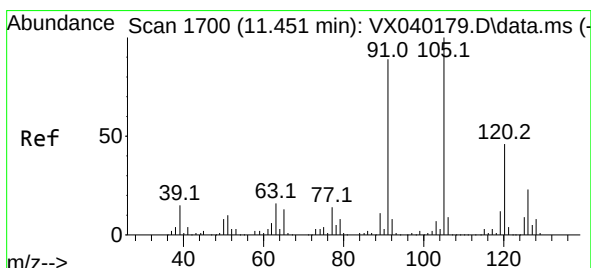
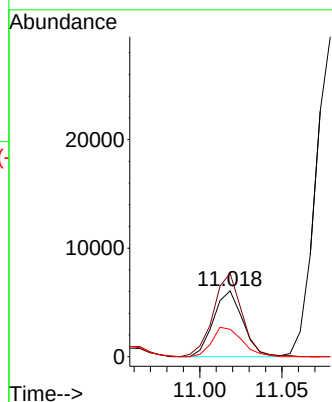
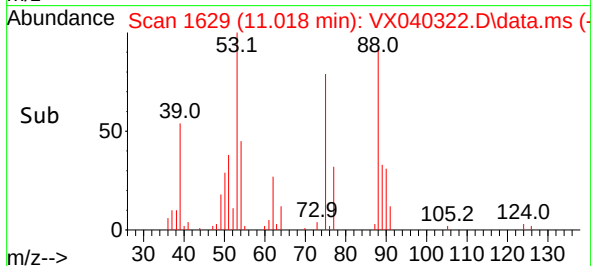
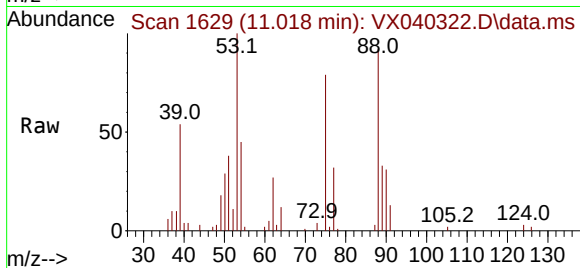
#81
trans-1,4-Dichloro-2-butene
Concen: 19.120 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 75 Resp: 7548
Ion Ratio Lower Upper
75 100
53 122.9 90.5 135.7
89 45.4 36.9 55.3

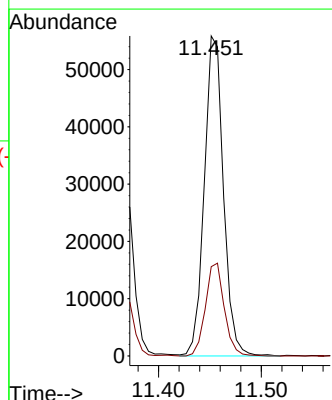
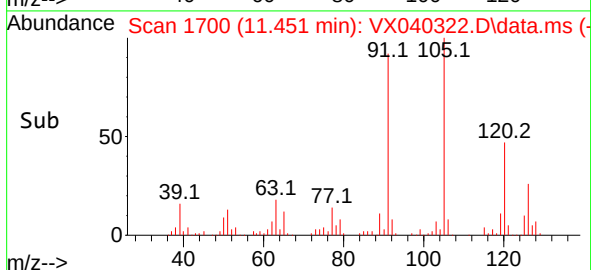
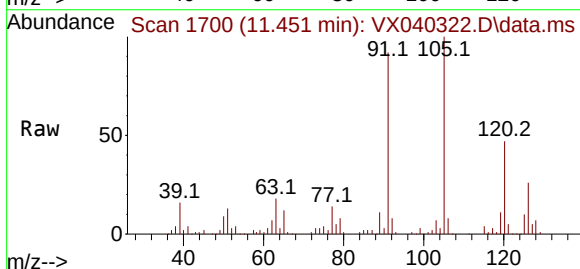
Manual Integrations
APPROVED

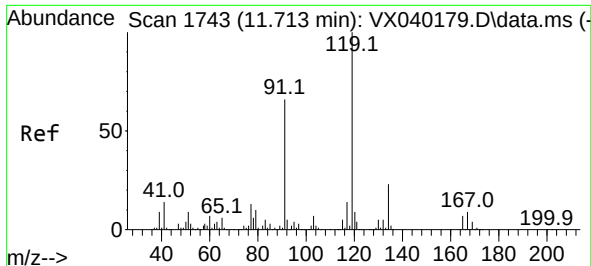
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 19.039 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

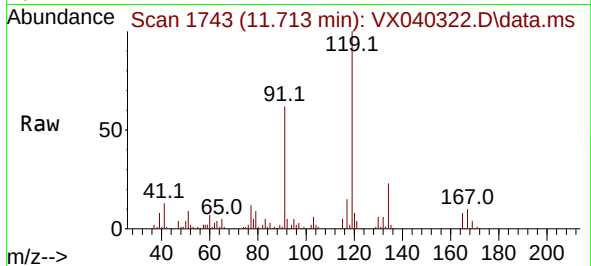
Tgt Ion: 91 Resp: 72537
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 19.349 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

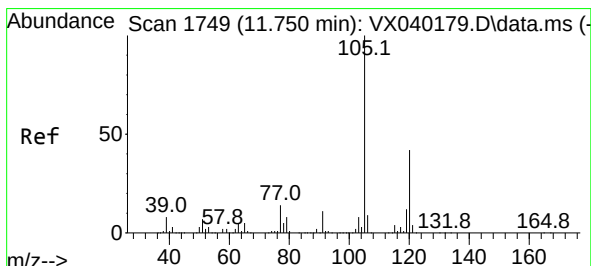
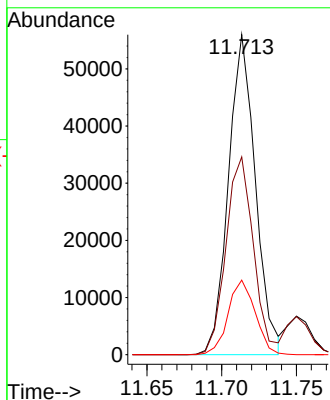
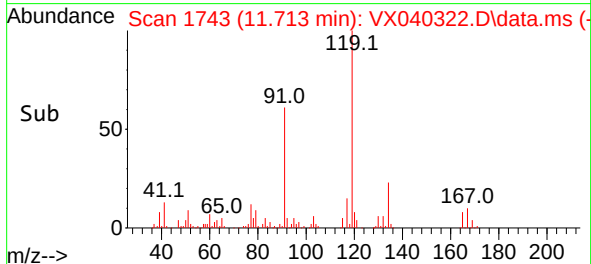
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01



Tgt Ion:119 Resp: 70244
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.2 93.6
 134 23.5 11.7 35.0

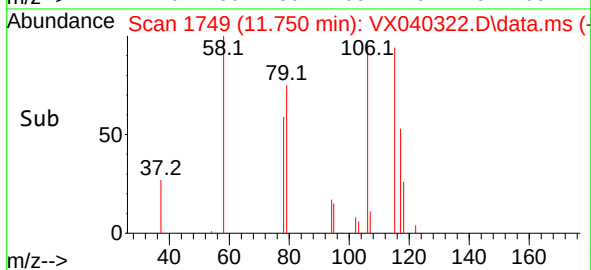
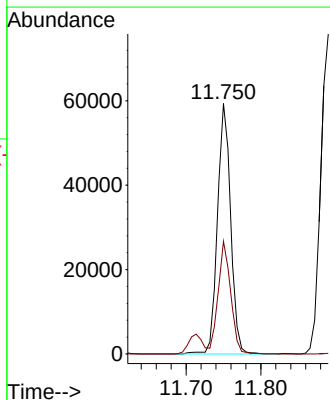
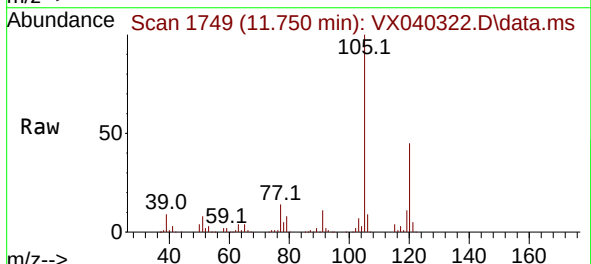
Manual Integrations
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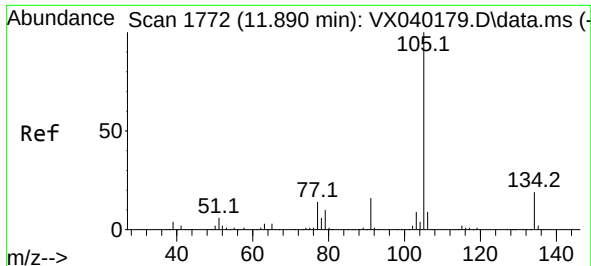
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 19.476 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

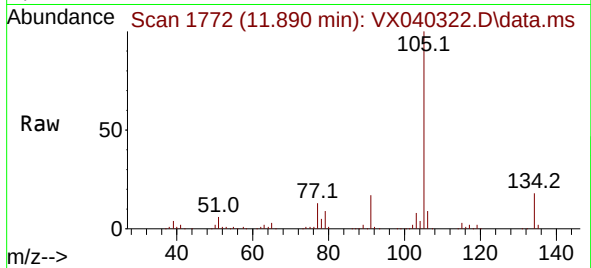
Tgt Ion:105 Resp: 72964
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.829 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49

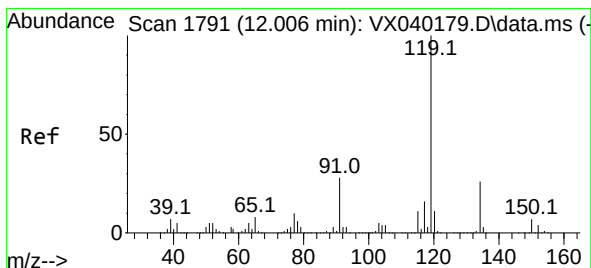
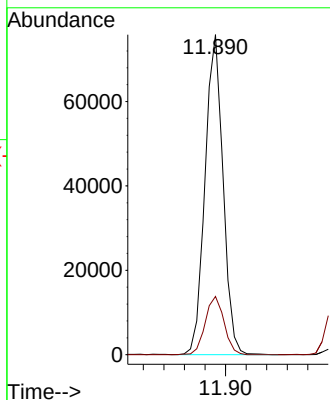
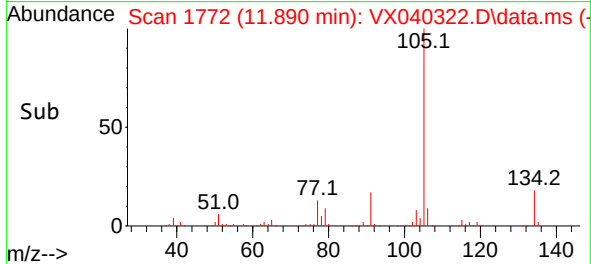
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01



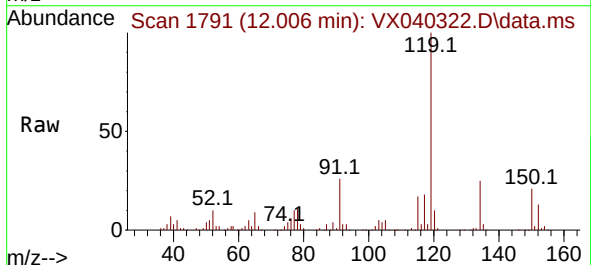
Tgt Ion:105 Resp: 9251
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
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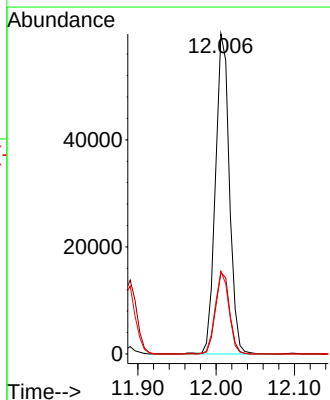
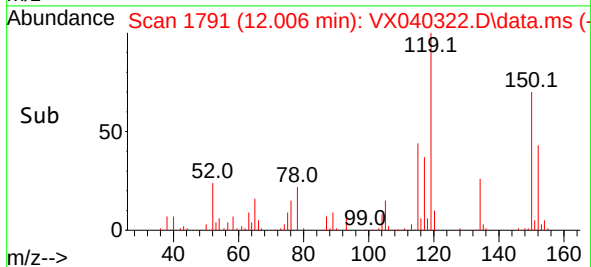
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

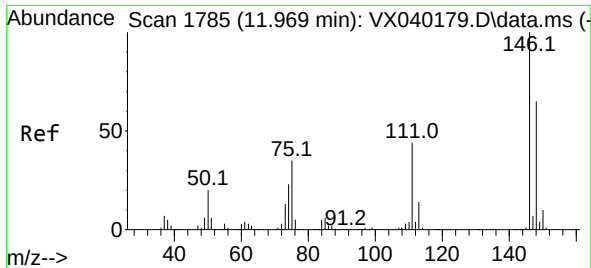


#86
 p-Isopropyltoluene
 Concen: 19.371 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040322.D
 Acq: 19 Feb 2024 11:49



Tgt Ion:119 Resp: 74085
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.348 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion:146 Resp: 39820

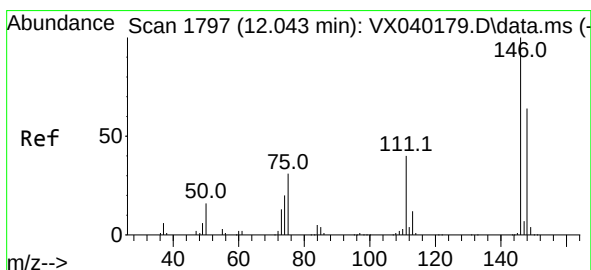
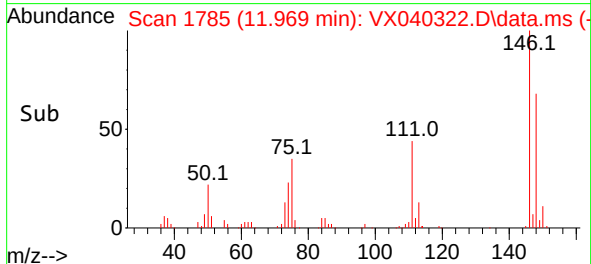
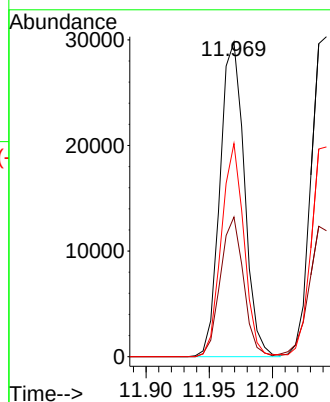
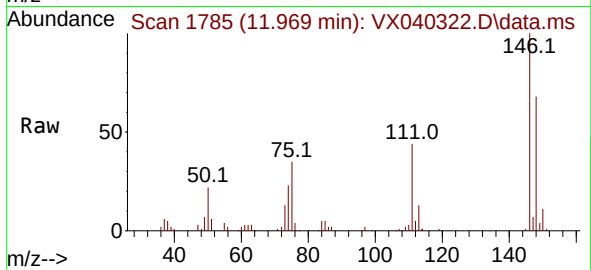
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.1	66.1
148	63.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.542 ug/l

RT: 12.043 min Scan# 1797

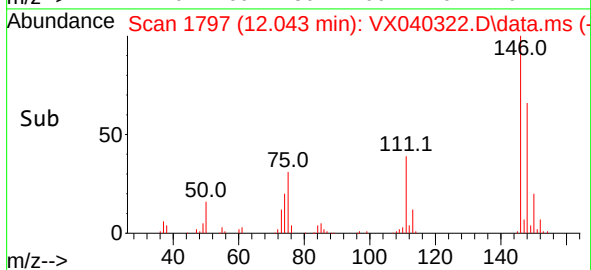
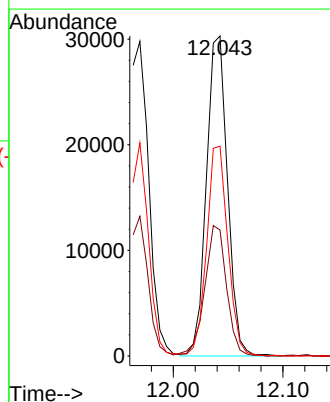
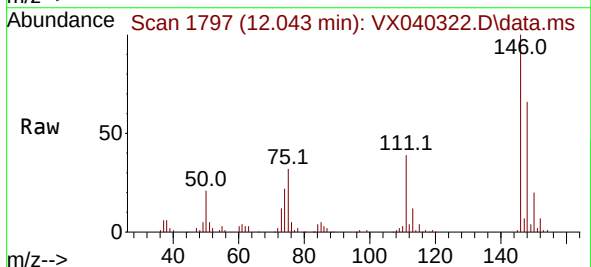
Delta R.T. 0.000 min

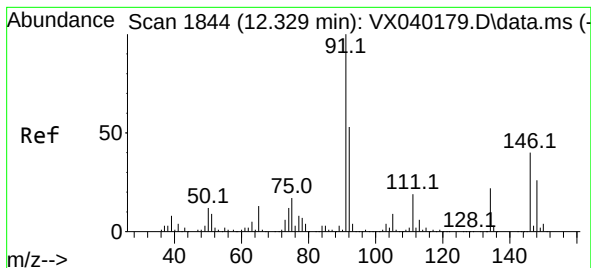
Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Tgt Ion:146 Resp: 40416

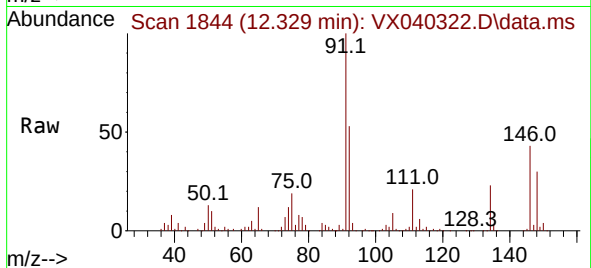
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	66.0	31.8	95.4





#89
n-Butylbenzene
Concen: 19.161 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

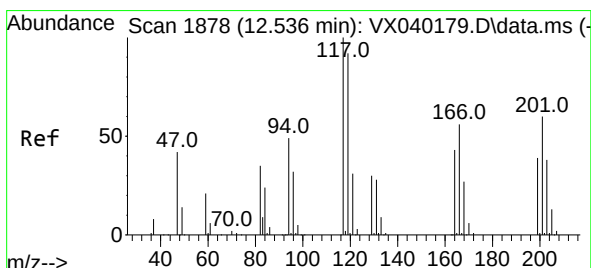
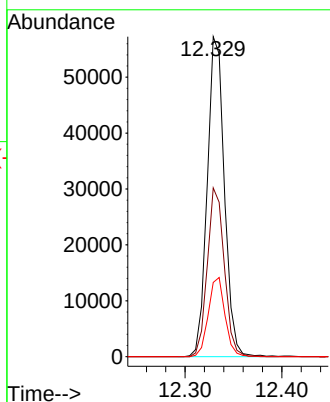
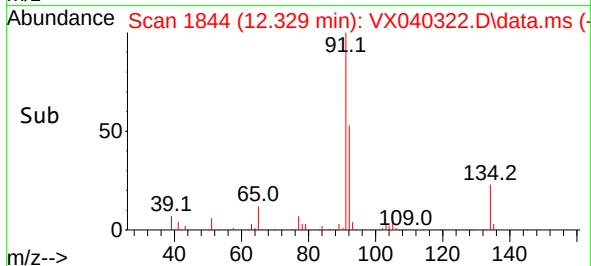
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 91 Resp: 70740
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 24.2 12.6 37.8

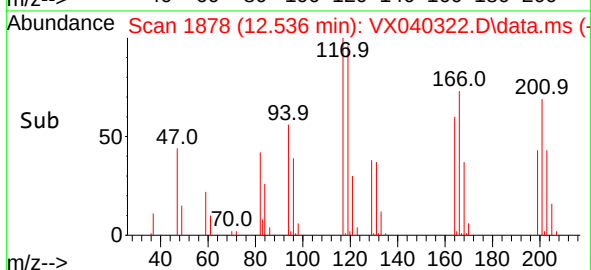
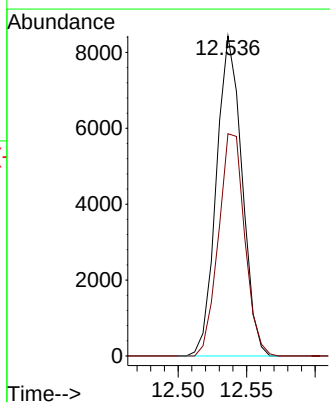
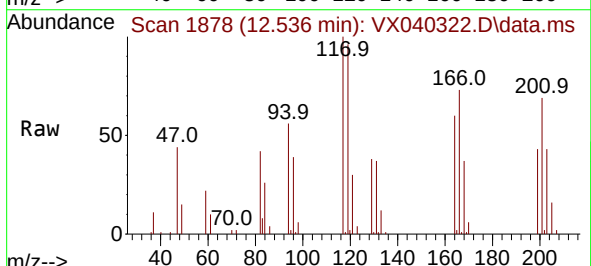
Manual Integrations
APPROVED

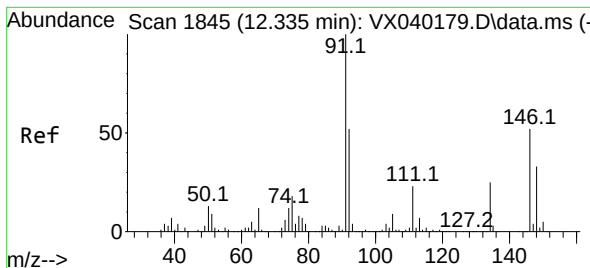
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 18.145 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

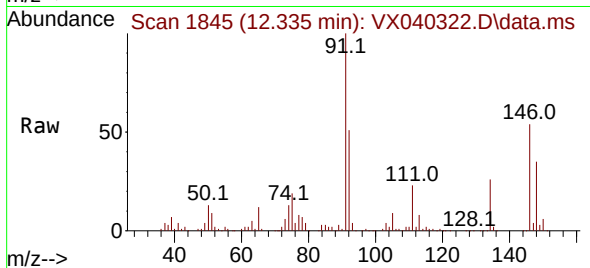
Tgt Ion:117 Resp: 10946
Ion Ratio Lower Upper
117 100
201 71.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.902 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49

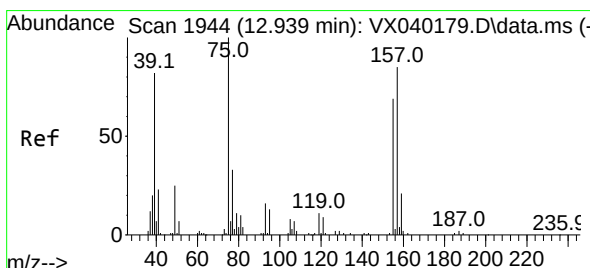
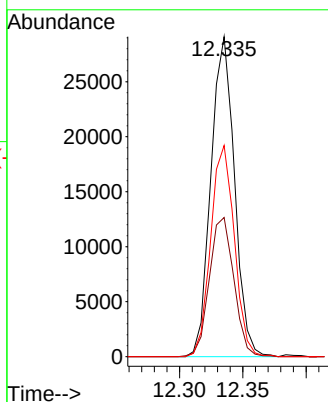
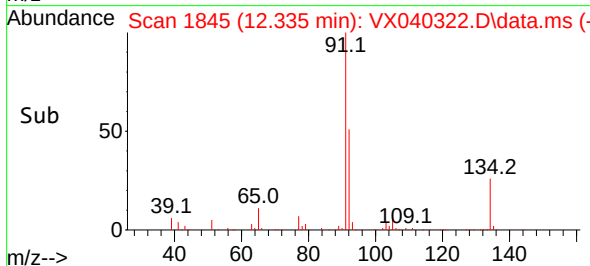
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



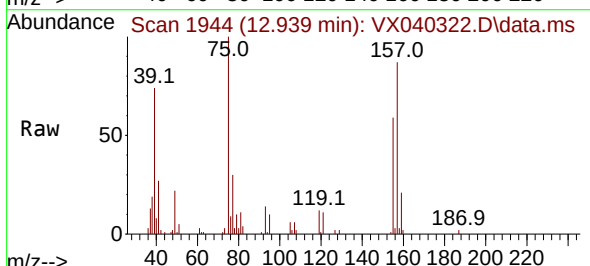
Tgt Ion:146 Resp: 3766
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.0
148 66.3 31.6 95.0

Manual Integrations
APPROVED

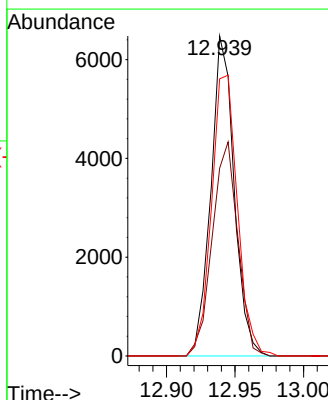
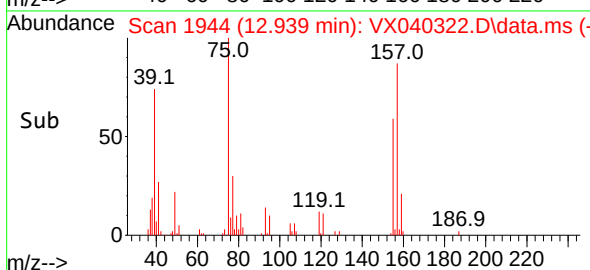
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

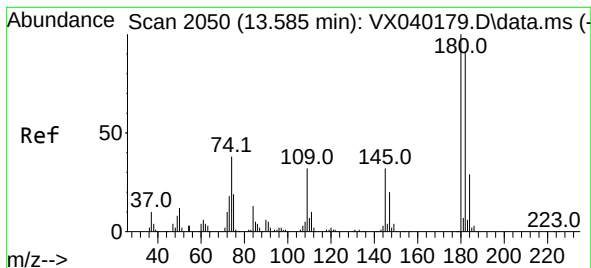


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.923 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040322.D
Acq: 19 Feb 2024 11:49



Tgt Ion: 75 Resp: 7631
Ion Ratio Lower Upper
75 100
155 73.7 36.1 108.5
157 97.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.508 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

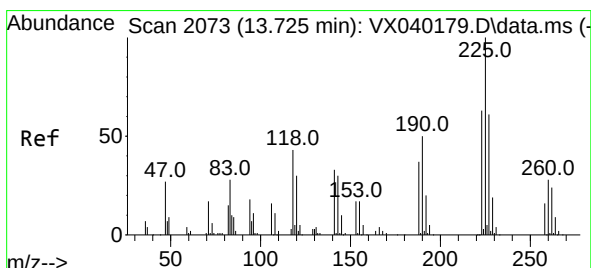
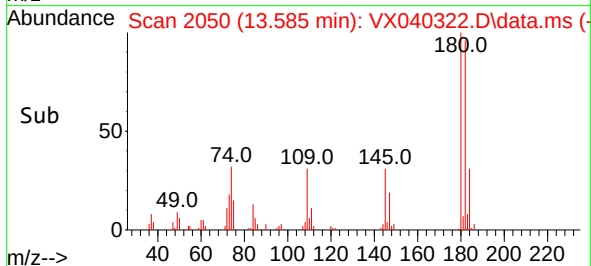
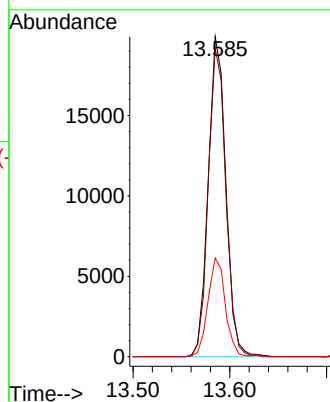
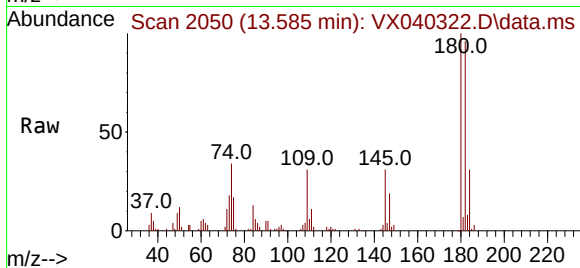
Tgt Ion:	180	Resp:	25249
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.3	144.8
145	30.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 17.281 ug/l

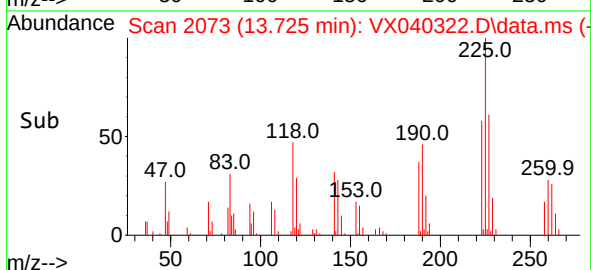
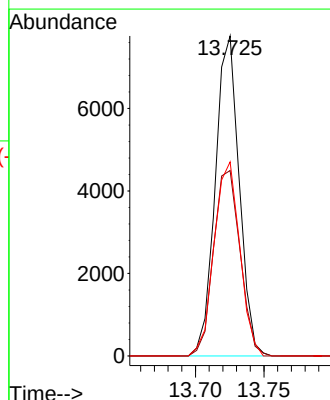
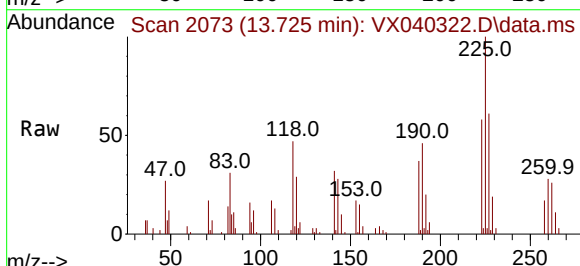
RT: 13.725 min Scan# 2073

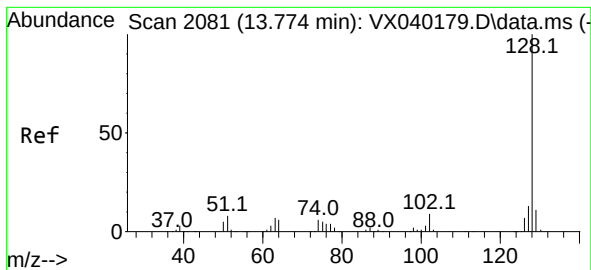
Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Tgt Ion:	225	Resp:	9409
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.1	93.2
227	65.0	32.5	97.5





#95

Naphthalene

Concen: 20.120 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

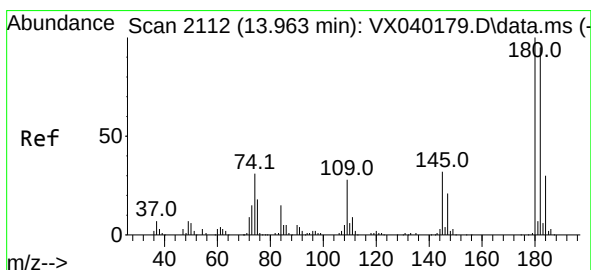
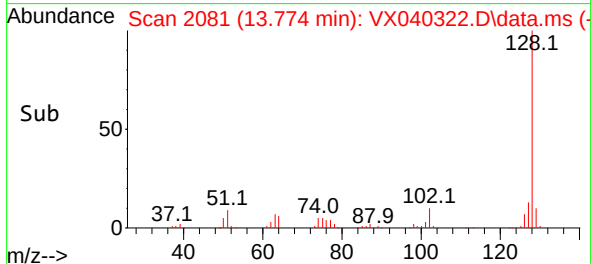
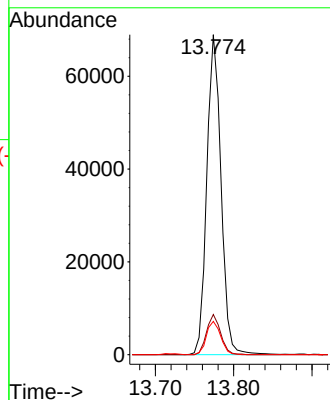
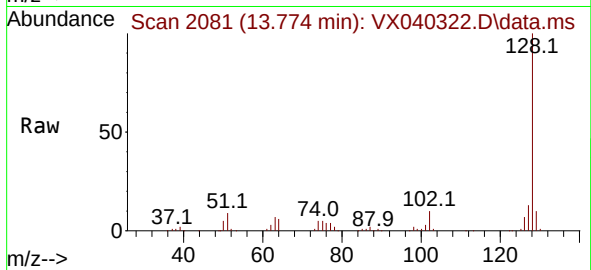
Tgt Ion:128 Resp: 86688
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.589 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040322.D

Acq: 19 Feb 2024 11:49

Tgt Ion:180 Resp: 24172
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.6
 145 34.0 17.8 53.5

