

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040591.D
 Acq On : 05 Mar 2024 16:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 06 00:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	15445	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	84032	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	82687	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	44549	28.880	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.267%		
60) 4-Bromofluorobenzene	11.079	95	40306	28.418	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.733%		
63) Toluene-d8	8.647	98	109637	30.003	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22307	21.295	ug/l	99
3) Chloromethane	1.294	50	21836	20.344	ug/l	98
4) Vinyl Chloride	1.374	62	23764	20.487	ug/l	99
5) Bromomethane	1.605	94	16756	23.652	ug/l	97
6) Chloroethane	1.685	64	13641	20.016	ug/l	97
7) Trichlorofluoromethane	1.886	101	35137	19.895	ug/l	94
8) Diethyl Ether	2.130	74	11856	19.772	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	20090	20.767	ug/l	93
10) 1,1-Dichloroethene	2.319	96	18427	20.007	ug/l	97
11) Methyl Iodide	2.453	142	21401	19.212	ug/l	97
12) Methyl Acetate	2.703	43	29840	19.668	ug/l	98
13) Acrolein	2.233	56	25942	90.700	ug/l	98
14) Acrylonitrile	3.056	53	59779	100.063	ug/l	99
15) Acetone	2.374	58	16531	96.805	ug/l	69
16) Carbon Disulfide	2.508	76	50165	19.818	ug/l	97
17) Allyl chloride	2.660	41	33909	19.950	ug/l	84
18) Methylene Chloride	2.788	84	21575	20.517	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	20146	20.035	ug/l	97
20) Diisopropyl ether	3.757	45	66461	19.552	ug/l	98
21) 1,1-Dichloroethane	3.605	63	39260	20.071	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	23391	20.031	ug/l	94
23) tert-Butyl Alcohol	2.953	59	26617	94.298	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	68455	20.139	ug/l	94
25) Chloroform	5.086	83	43215	20.185	ug/l	96
26) Cyclohexane	5.464	56	32359	20.498	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	31297	21.517	ug/l	97
30) 2-Butanone	4.550	43	91211	102.763	ug/l	99
31) 2,2-Dichloropropane	4.477	77	33713	21.475	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	38668	21.098	ug/l	97
33) Carbon Tetrachloride	5.678	117	31795	20.619	ug/l	98
34) Benzene	6.031	78	82475	21.004	ug/l	96
35) Methacrylonitrile	4.922	41	18483	20.284	ug/l	94
36) 1,2-Dichloroethane	6.080	62	38519	21.217	ug/l	96
37) Trichloroethene	7.123	130	22720	21.532	ug/l	97
38) Methylcyclohexane	7.379	83	34966	22.325	ug/l	99
39) 1,2-Dichloropropane	7.428	63	21943	21.948	ug/l	100
40) Dibromomethane	7.580	93	16811	21.404	ug/l	97
41) Bromodichloromethane	7.818	83	31680	20.275	ug/l	97
42) Vinyl Acetate	3.715	43	317027	103.740	ug/l	100

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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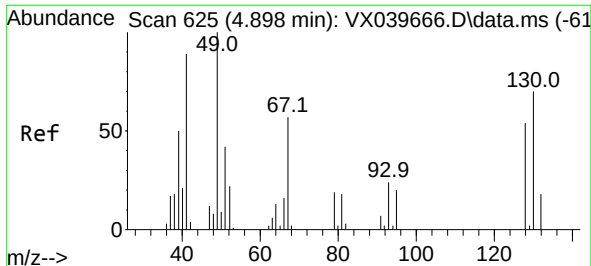
Manual Integrations
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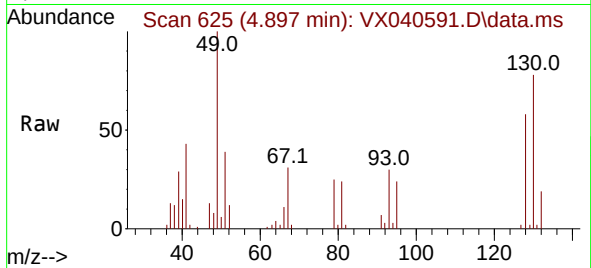
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	35290	21.111	ug/l	99
44) Isopropyl Acetate	6.336	43	55236	20.701	ug/l #	76
45) 1,4-Dioxane	7.653	88	11489	418.876	ug/l	96
46) Methyl methacrylate	7.690	41	27954	21.093	ug/l	94
47) n-amyl Acetate	10.842	43	46451	20.199	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	33970	20.570	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	36251	21.548	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	22182	21.262	ug/l	99
51) Ethyl methacrylate	9.110	69	34462	20.982	ug/l	97
52) 1,3-Dichloropropane	9.305	76	38404	21.573	ug/l	99
53) Dibromochloromethane	9.519	129	23248	19.548	ug/l	100
54) 1,2-Dibromoethane	9.610	107	24234	20.993	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	84503	101.030	ug/l	99
56) Bromoform	10.799	173	17048	20.210	ug/l #	95
58) 4-Methyl-2-Pentanone	8.568	43	184800	100.368	ug/l	99
59) 2-Hexanone	9.427	43	139633	93.888	ug/l	96
61) Tetrachloroethene	9.275	164	21010	21.408	ug/l	88
62) Toluene	8.720	91	92923	20.404	ug/l	100
64) Chlorobenzene	10.079	112	57861	20.788	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	20920	19.705	ug/l	98
66) Ethyl Benzene	10.195	91	107736	20.518	ug/l	99
67) m/p-Xylenes	10.299	106	79122	40.805	ug/l	94
68) o-Xylene	10.640	106	38612	20.686	ug/l	97
69) Styrene	10.653	104	63488	20.244	ug/l	96
70) Isopropylbenzene	10.963	105	106640	21.143	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	33060	18.697	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	28858m	18.139	ug/l	
73) Bromobenzene	11.195	156	23430	19.623	ug/l	90
74) n-propylbenzene	11.305	91	122178	19.613	ug/l	100
75) 2-Chlorotoluene	11.366	91	70604	19.099	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	83503	18.805	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9400	19.012	ug/l	80
78) 4-Chlorotoluene	11.451	91	81360	18.450	ug/l	99
79) tert-butylbenzene	11.713	119	79134	19.094	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	85544	19.553	ug/l	97
81) sec-Butylbenzene	11.890	105	104084	19.021	ug/l	98
82) p-Isopropyltoluene	12.006	119	85154	19.012	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	44072	18.969	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	44949	18.919	ug/l	98
85) n-Butylbenzene	12.335	91	80686	18.513	ug/l	99
86) Hexachloroethane	12.536	117	15184	19.429	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	42344	18.755	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9225	19.512	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	30534	20.086	ug/l	98
90) Hexachlorobutadiene	13.725	225	12600	20.499	ug/l	98
91) Naphthalene	13.774	128	97568	19.676	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	31220	20.828	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

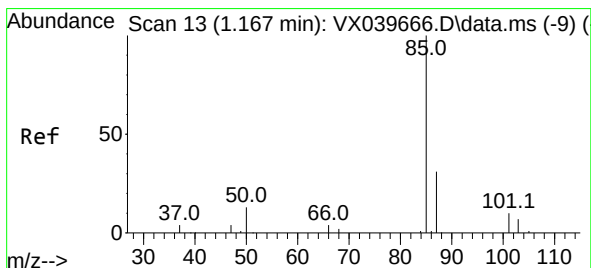
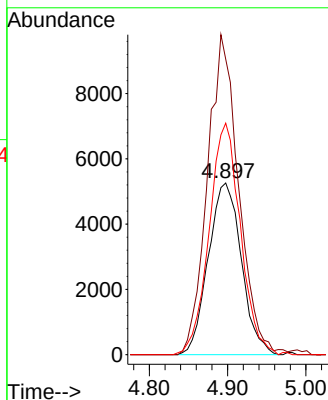
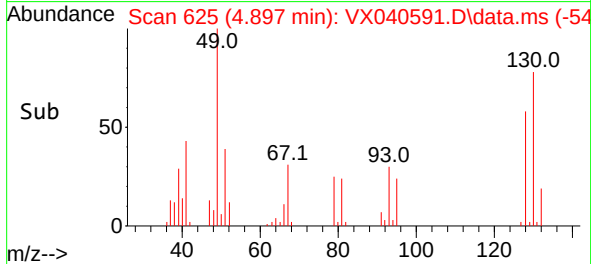
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



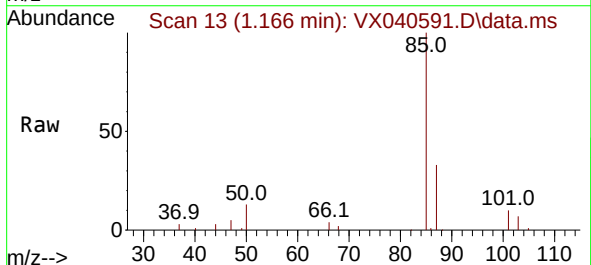
Tgt Ion:128 Resp: 1544
Ion Ratio Lower Upper
128 100
49 175.2 0.0 444.0
130 127.5 0.0 297.8

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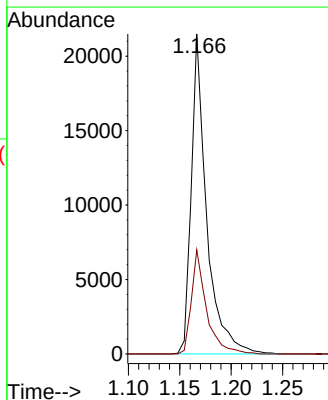
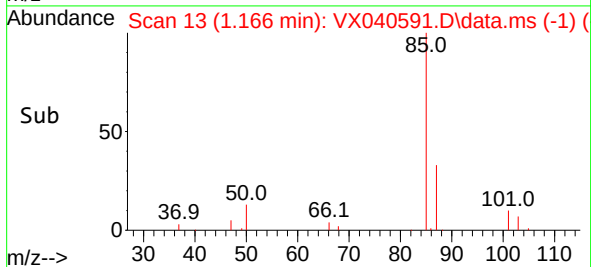
Reviewed By :John Carlone 03/06/2024
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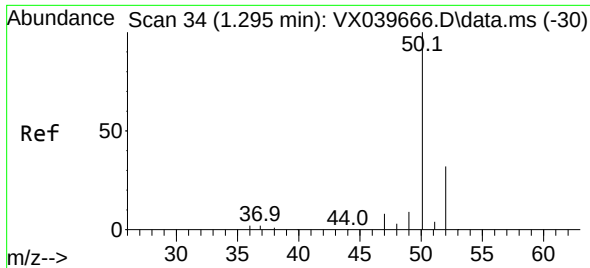


#2
Dichlorodifluoromethane
Concen: 21.295 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24



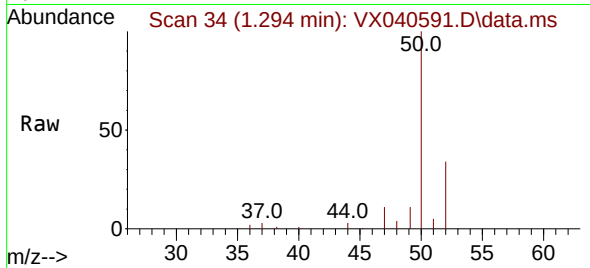
Tgt Ion: 85 Resp: 22307
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 20.344 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

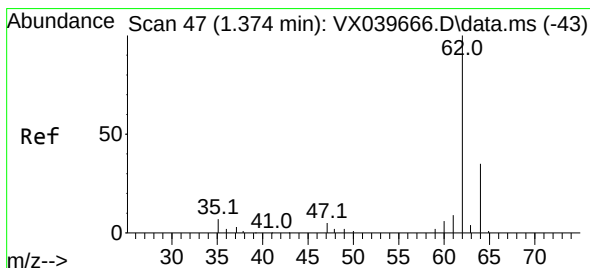
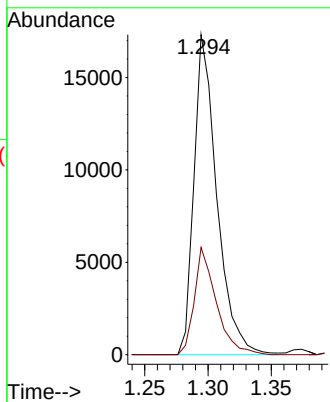
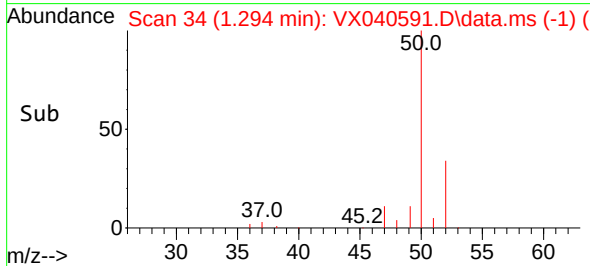
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



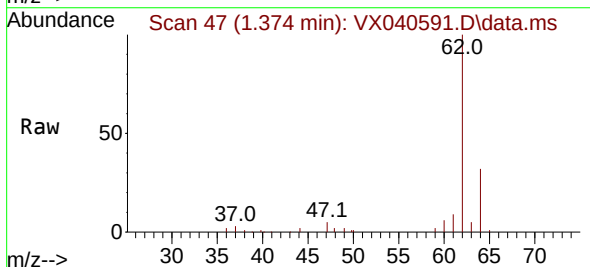
Tgt Ion: 50 Resp: 21830
Ion Ratio Lower Upper
50 100
52 33.5 27.8 41.8

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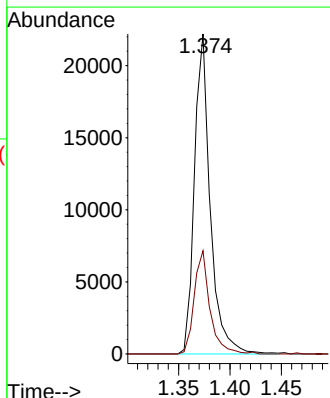
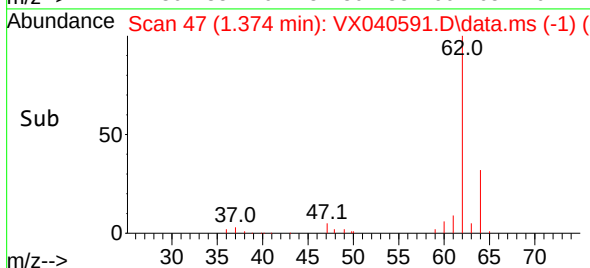
Reviewed By :John Carlone 03/06/2024
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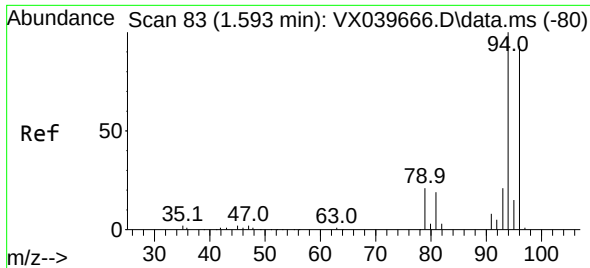


#4
Vinyl Chloride
Concen: 20.487 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24



Tgt Ion: 62 Resp: 23764
Ion Ratio Lower Upper
62 100
64 32.3 26.3 39.5





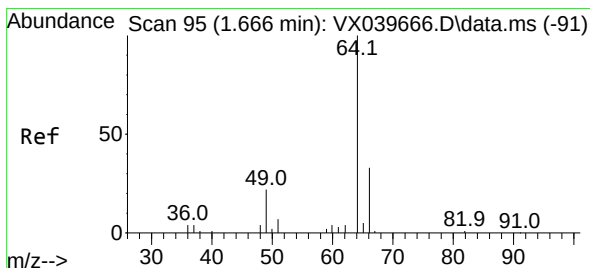
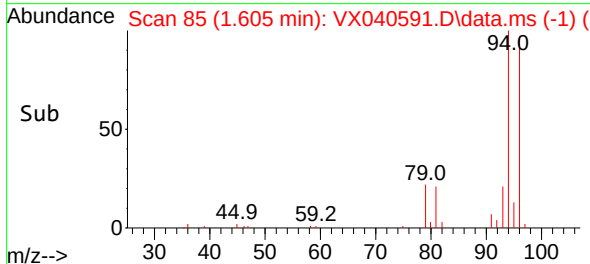
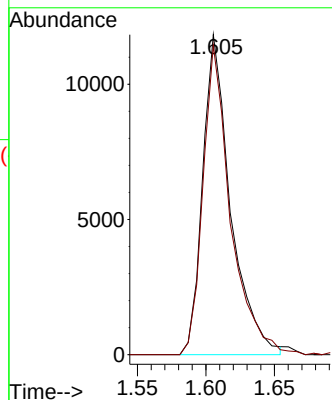
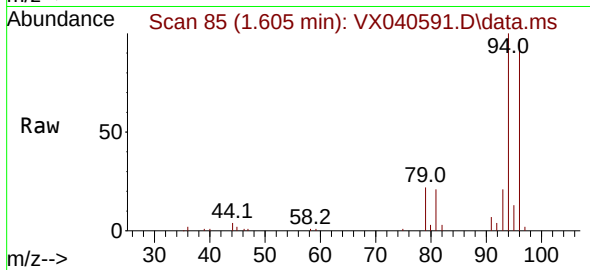
#5
Bromomethane
Concen: 23.652 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 16750
Ion Ratio Lower Upper
94 100
96 96.6 74.9 112.3

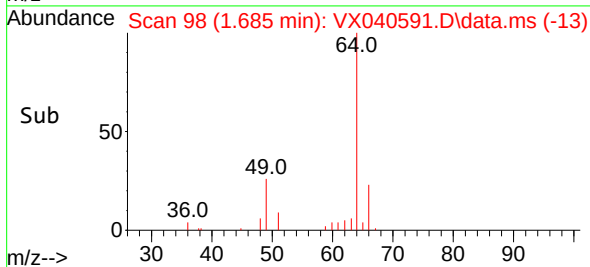
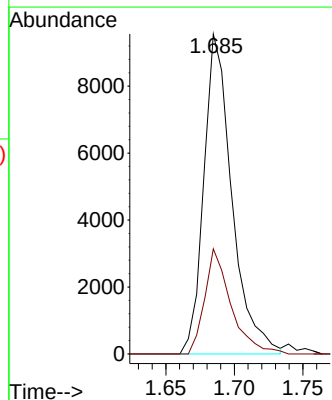
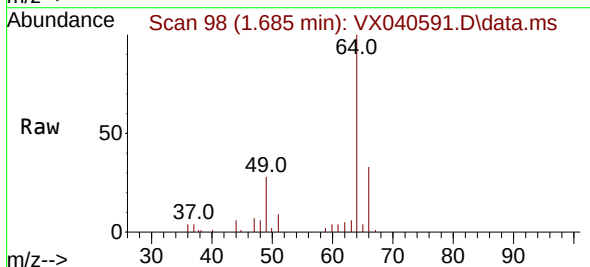
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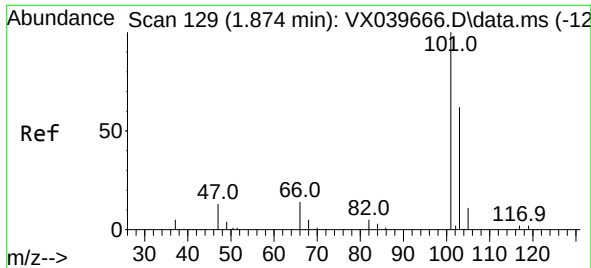
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#6
Chloroethane
Concen: 20.016 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.019 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

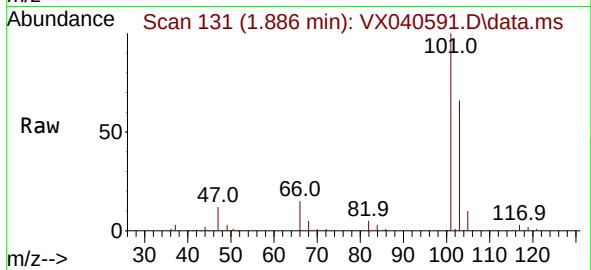
Tgt Ion: 64 Resp: 13641
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 19.895 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040591.D
 Acq: 05 Mar 2024 16:24

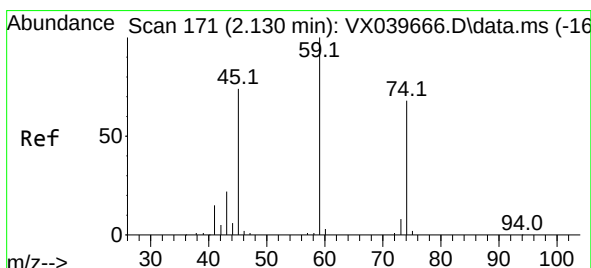
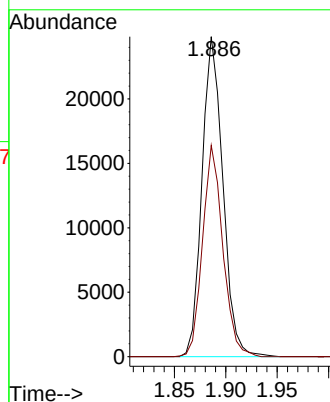
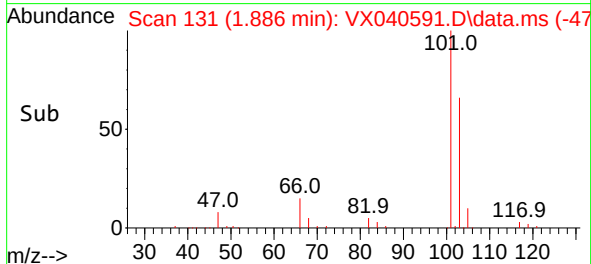
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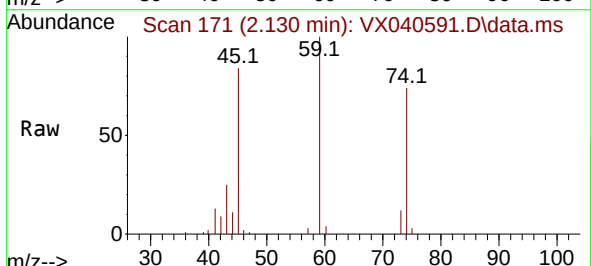
Tgt Ion:101 Resp: 3513
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.1 73.7

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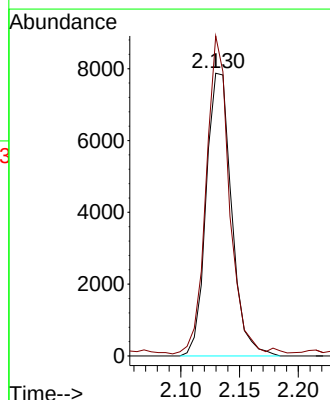
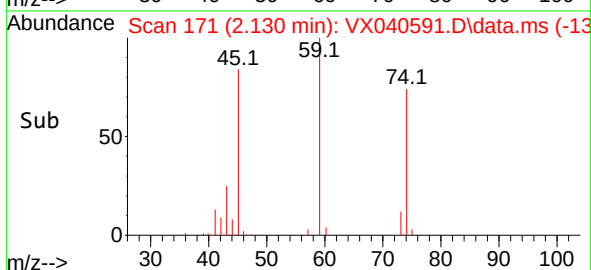
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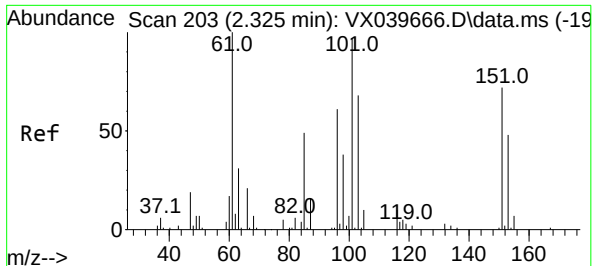


#8
 Diethyl Ether
 Concen: 19.772 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX040591.D
 Acq: 05 Mar 2024 16:24



Tgt Ion: 74 Resp: 11856
 Ion Ratio Lower Upper
 74 100
 45 103.0 20.5 184.5





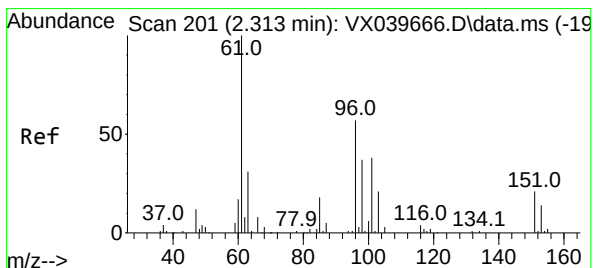
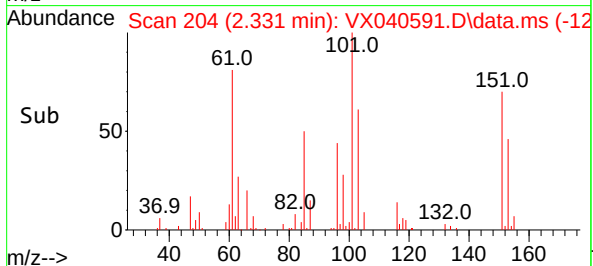
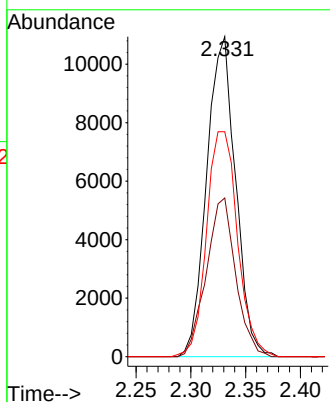
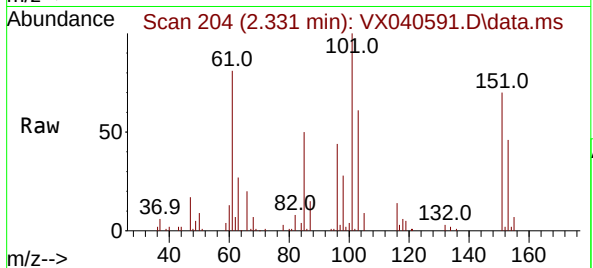
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.767 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 20090
Ion Ratio Lower Upper
101 100
85 50.3 0.0 95.2
151 75.5 0.0 136.8

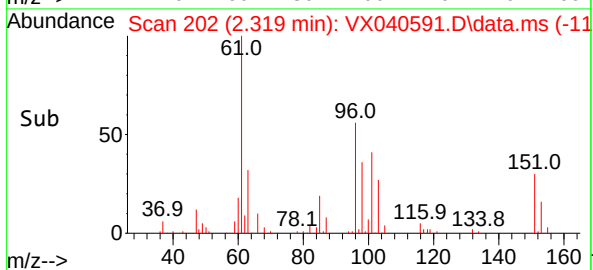
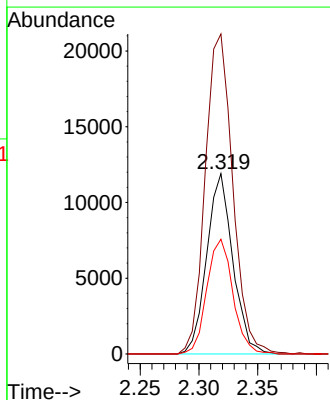
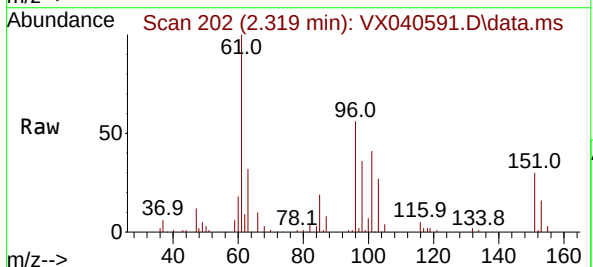
Manual Integrations
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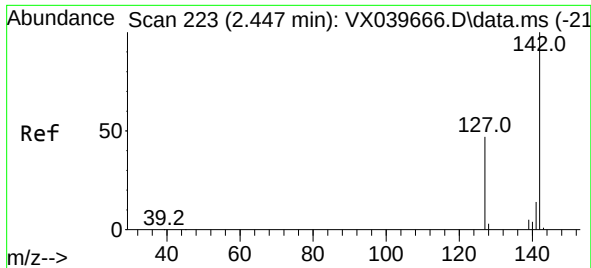
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
1,1-Dichloroethene
Concen: 20.007 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

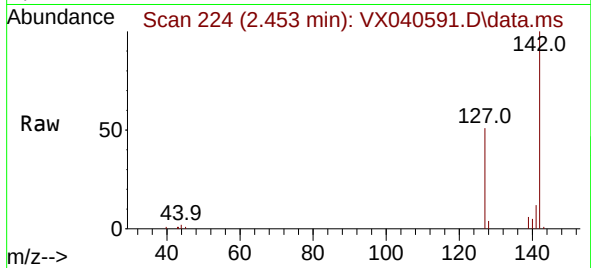
Tgt Ion: 96 Resp: 18427
Ion Ratio Lower Upper
96 100
61 177.4 138.3 207.5
98 63.6 49.8 74.6





#11
Methyl Iodide
Concen: 19.212 ug/l
RT: 2.453 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

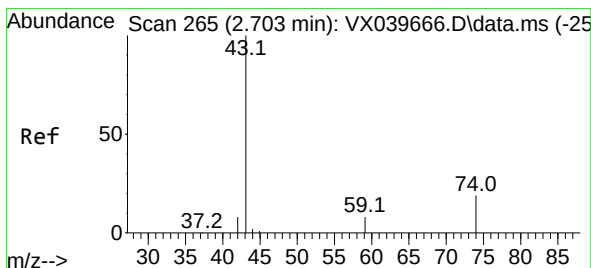
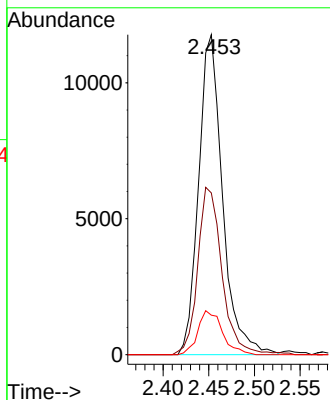
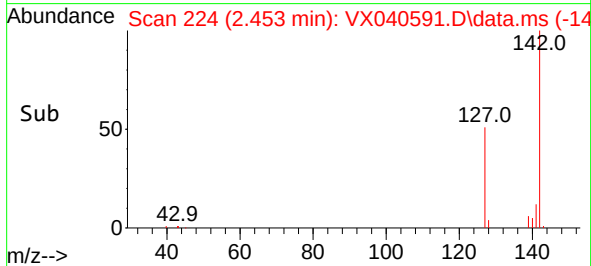
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 2140
Ion Ratio Lower Upper
142 100
127 49.8 23.8 71.4
141 12.1 6.9 20.6

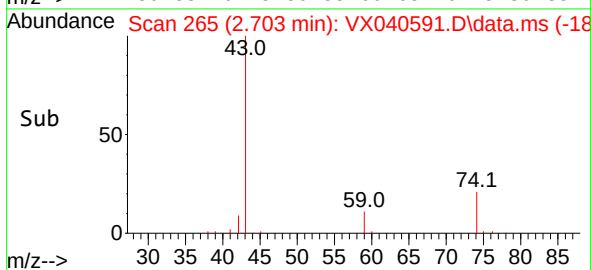
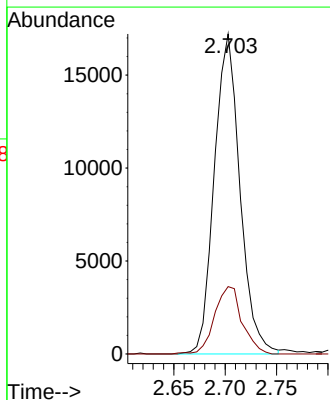
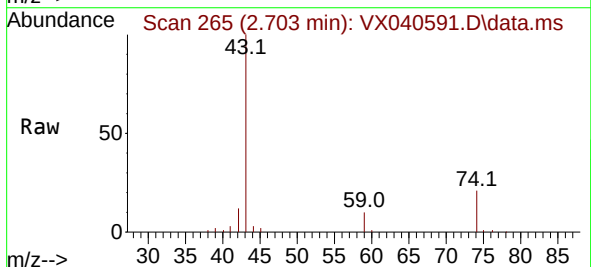
Manual Integrations
APPROVED

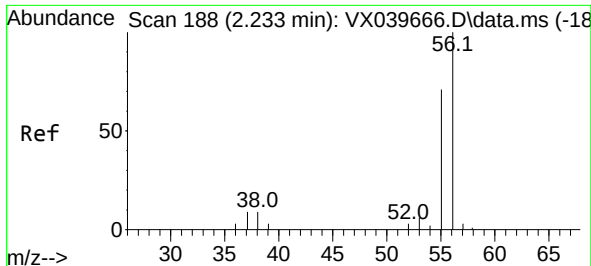
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#12
Methyl Acetate
Concen: 19.668 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 43 Resp: 29840
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.6





#13

Acrolein

Concen: 90.700 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 2594

Ion Ratio Lower Upper

56 100

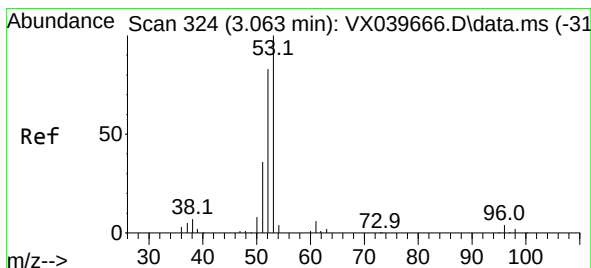
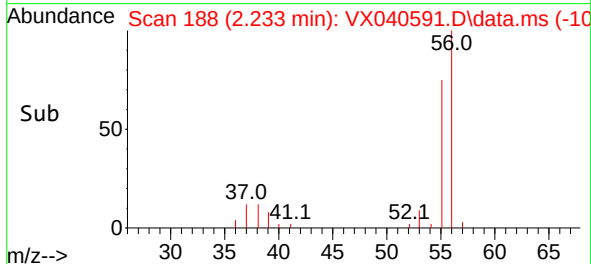
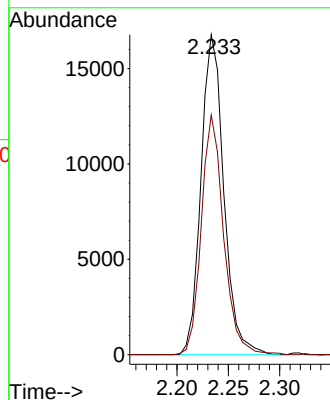
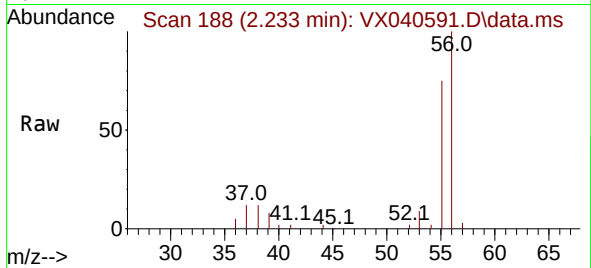
55 73.1 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#14

Acrylonitrile

Concen: 100.063 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.007 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

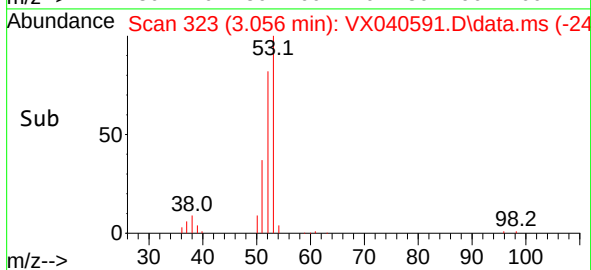
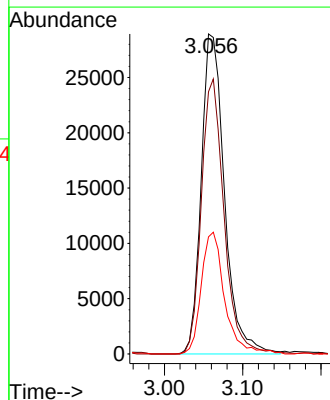
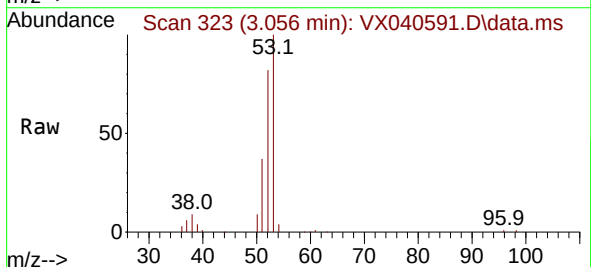
Tgt Ion: 53 Resp: 59779

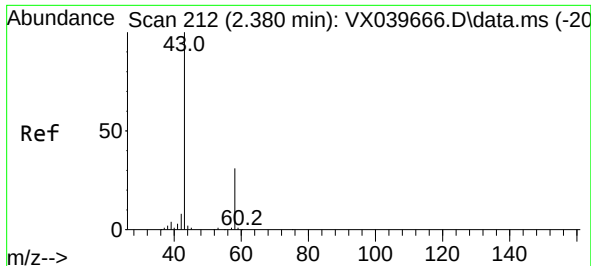
Ion Ratio Lower Upper

53 100

52 83.2 41.9 125.6

51 37.4 18.3 54.9





#15

Acetone

Concen: 96.805 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 1653

Ion Ratio Lower Upper

58 100

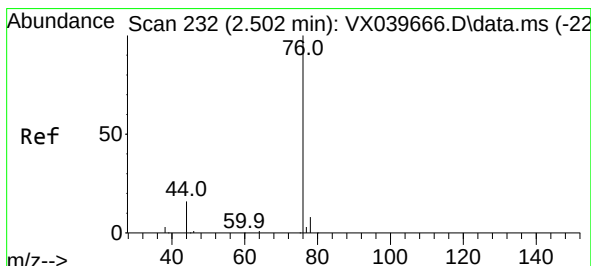
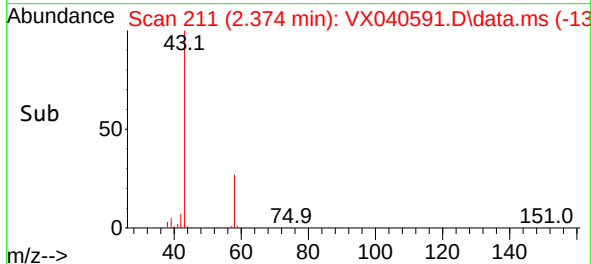
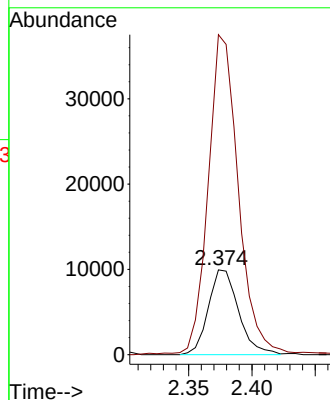
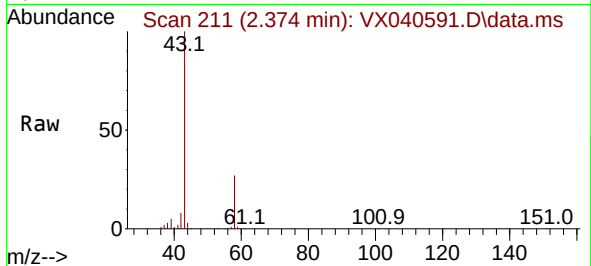
43 374.7 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#16

Carbon Disulfide

Concen: 19.818 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX040591.D

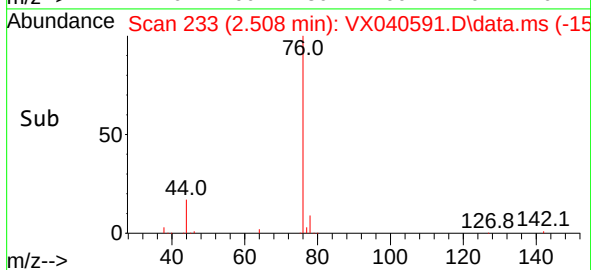
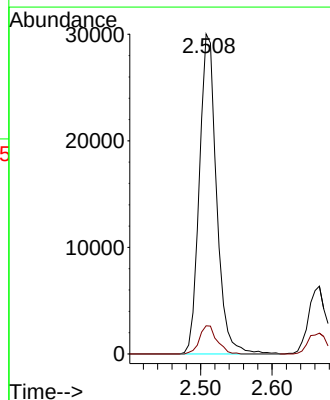
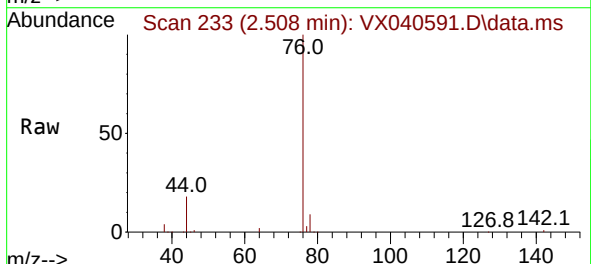
Acq: 05 Mar 2024 16:24

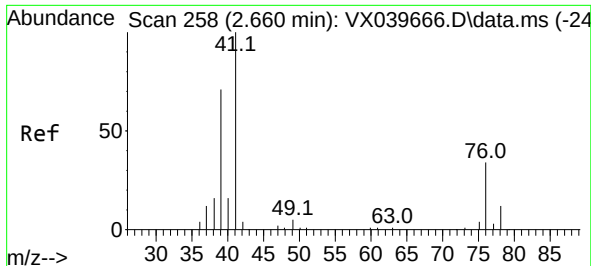
Tgt Ion: 76 Resp: 50165

Ion Ratio Lower Upper

76 100

78 8.8 8.0 12.0





#17

Allyl chloride

Concen: 19.950 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

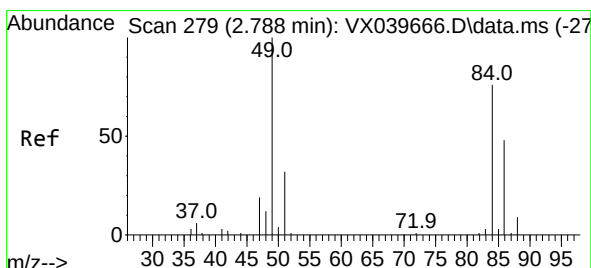
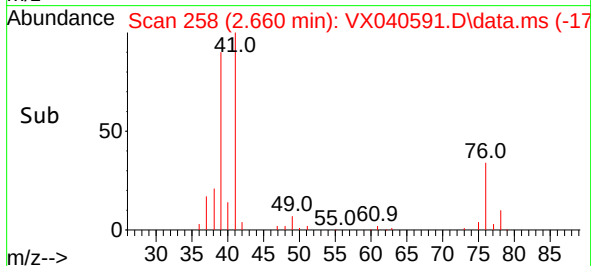
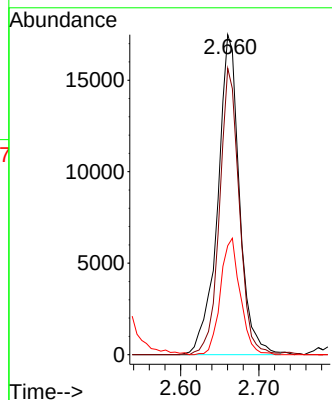
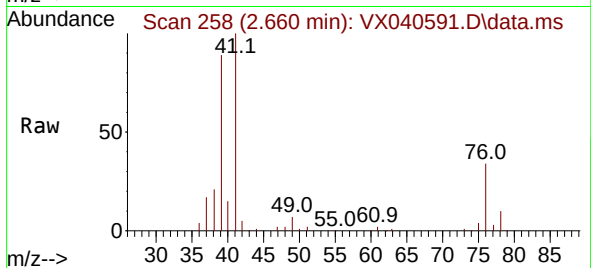
Tgt Ion:	41	Resp:	3390
Ion	Ratio	Lower	Upper
41	100		
39	89.5	36.5	109.5
76	34.0	19.7	59.0

Manual Integrations

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Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#18

Methylene Chloride

Concen: 20.517 ug/l

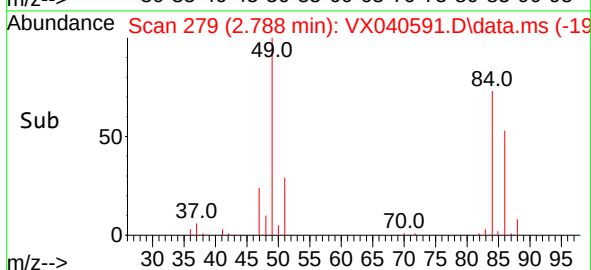
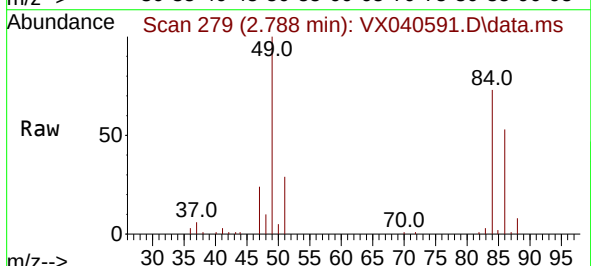
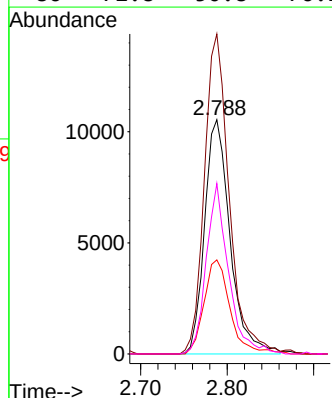
RT: 2.788 min Scan# 279

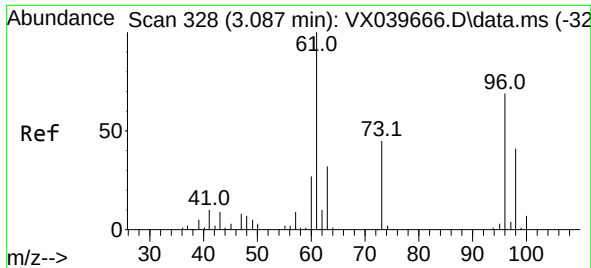
Delta R.T. 0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

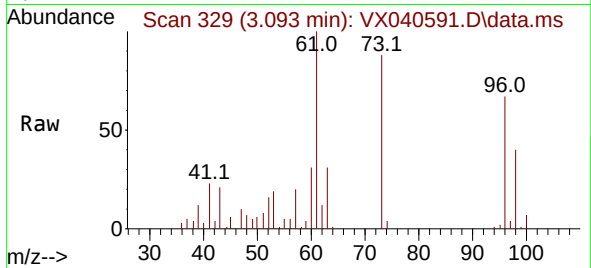
Tgt Ion:	84	Resp:	21575
Ion	Ratio	Lower	Upper
84	100		
49	136.6	103.8	155.8
51	40.2	31.8	47.6
86	72.8	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 20.035 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

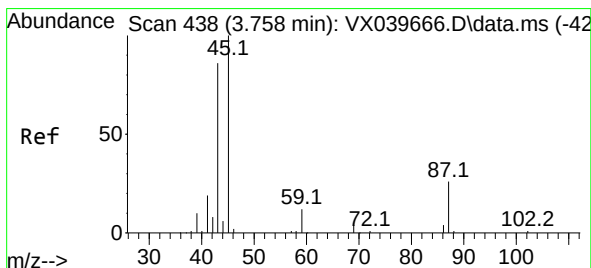
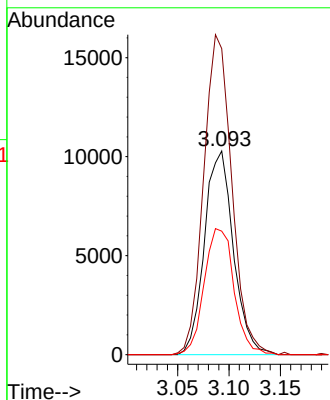
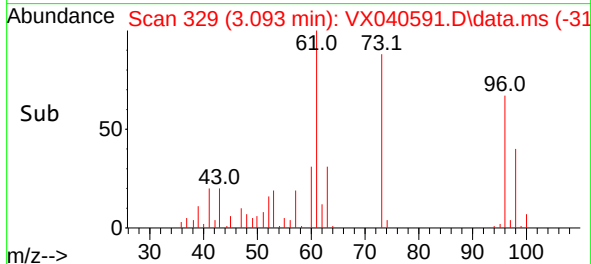
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 20140
Ion Ratio Lower Upper
96 100
61 150.3 117.9 176.9
98 60.6 51.0 76.6

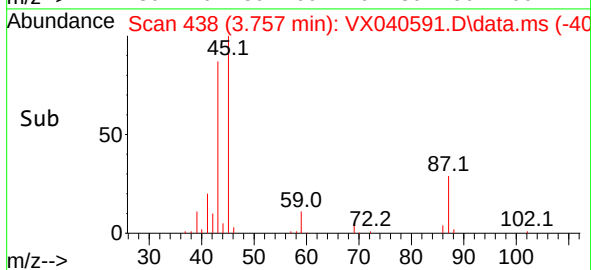
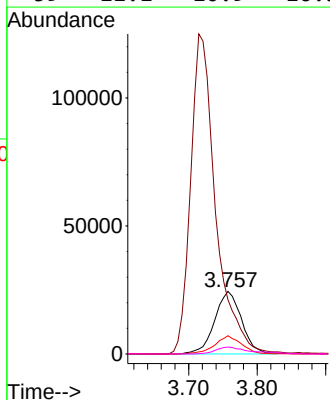
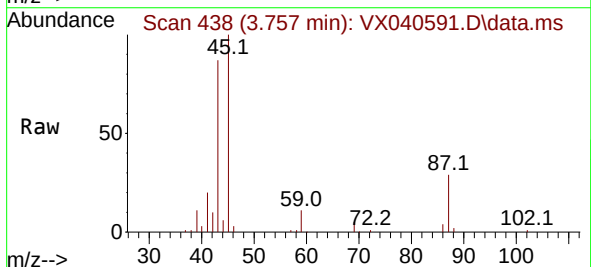
Manual Integrations
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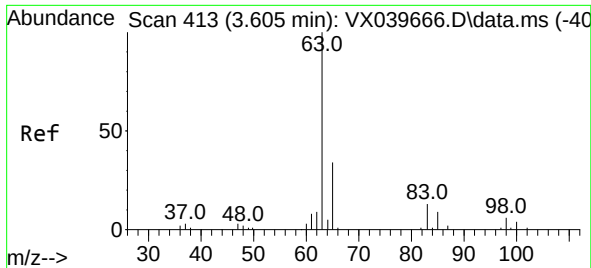
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Diisopropyl ether
Concen: 19.552 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 45 Resp: 66461
Ion Ratio Lower Upper
45 100
43 83.5 67.7 101.5
87 29.2 21.5 32.3
59 11.1 10.9 16.3





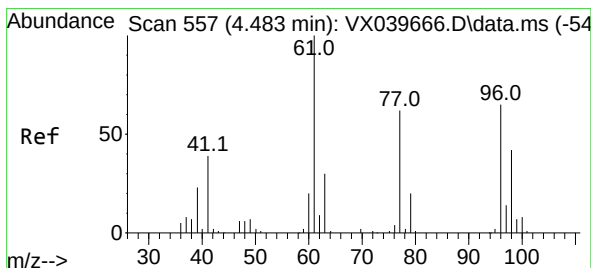
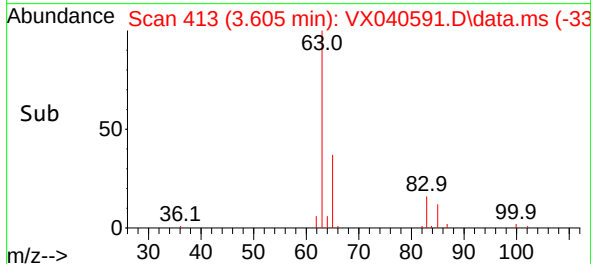
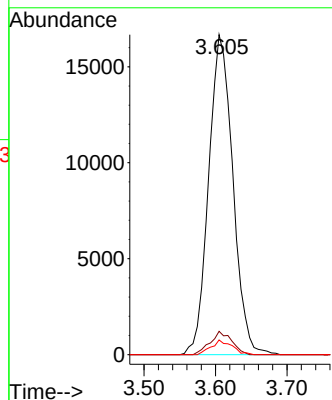
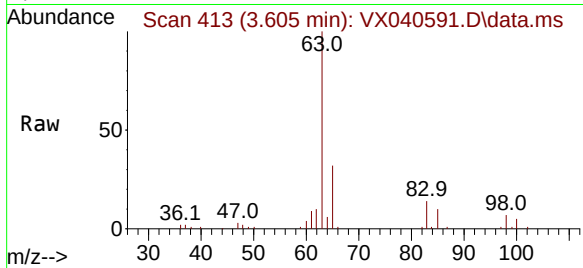
#21
1,1-Dichloroethane
Concen: 20.071 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 39260
Ion Ratio Lower Upper
63 100
98 7.3 2.9 8.8
100 4.6 2.0 5.8

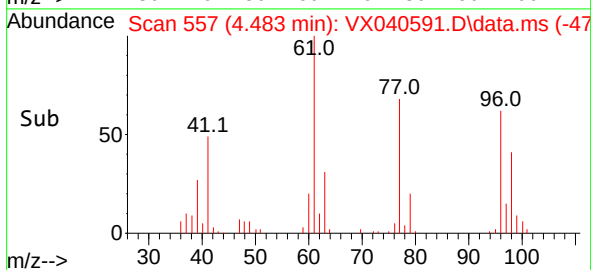
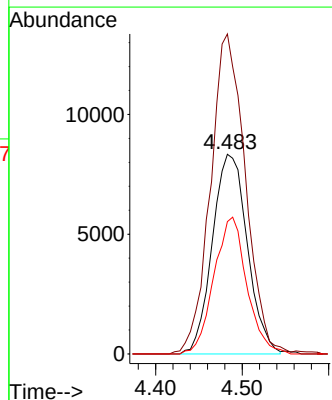
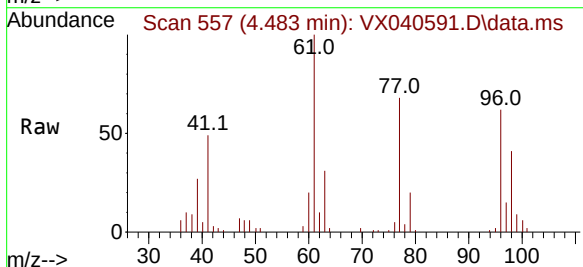
Manual Integrations
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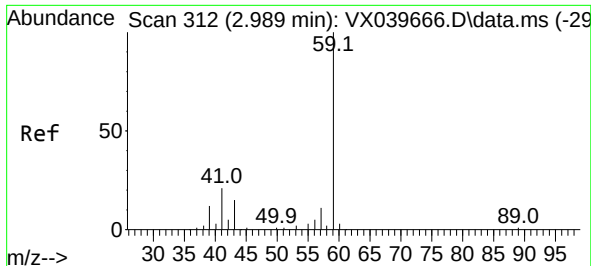
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
cis-1,2-Dichloroethene
Concen: 20.031 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 96 Resp: 23391
Ion Ratio Lower Upper
96 100
61 159.8 119.8 179.6
98 64.4 50.9 76.3





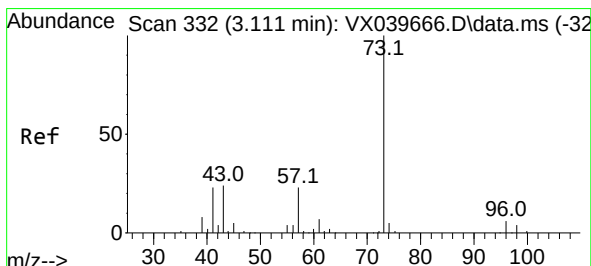
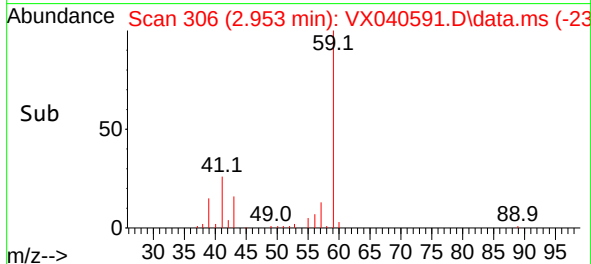
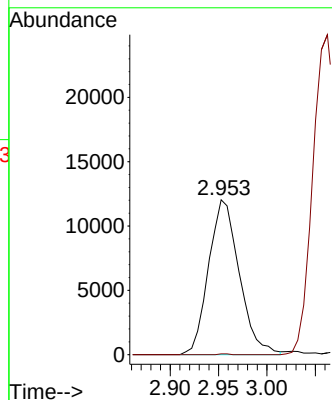
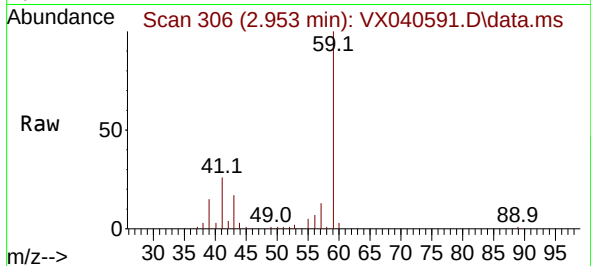
#23
tert-Butyl Alcohol
Concen: 94.298 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 2661
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

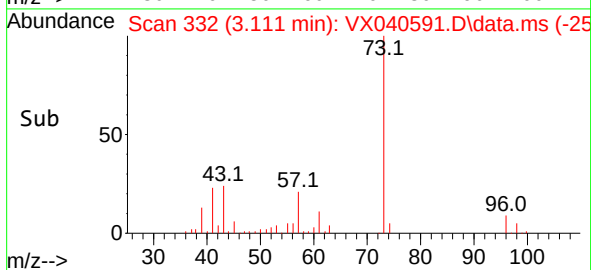
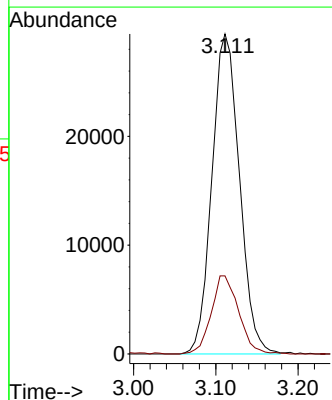
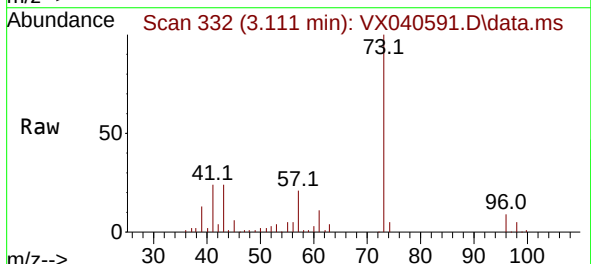
Manual Integrations
APPROVED

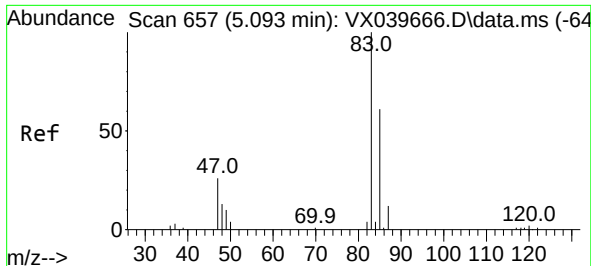
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#24
Methyl tert-Butyl Ether
Concen: 20.139 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 73 Resp: 68455
Ion Ratio Lower Upper
73 100
43 24.3 17.0 25.6





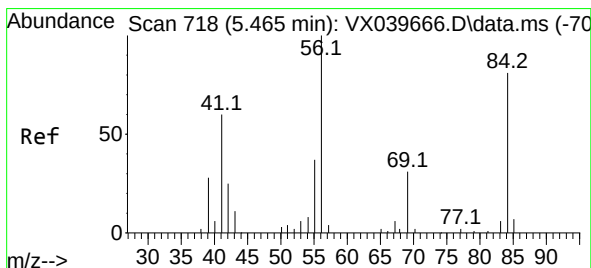
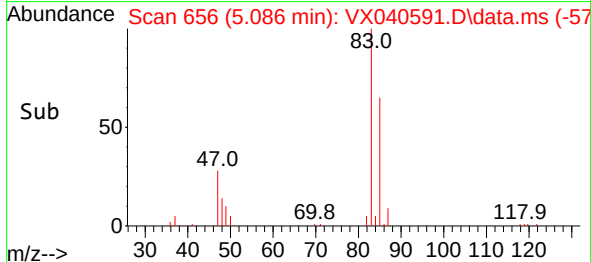
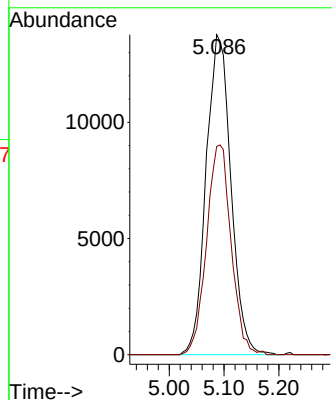
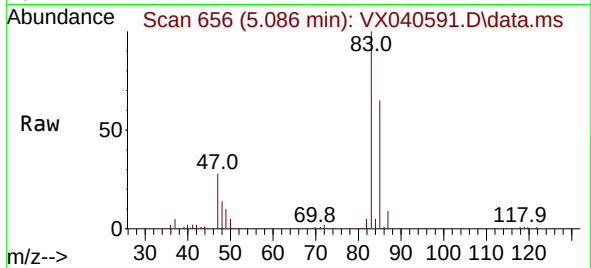
#25
Chloroform
Concen: 20.185 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 43215
Ion Ratio Lower Upper
83 100
85 65.0 54.6 81.8

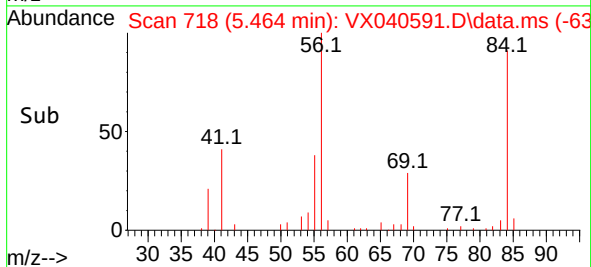
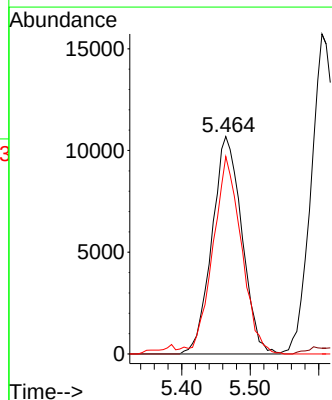
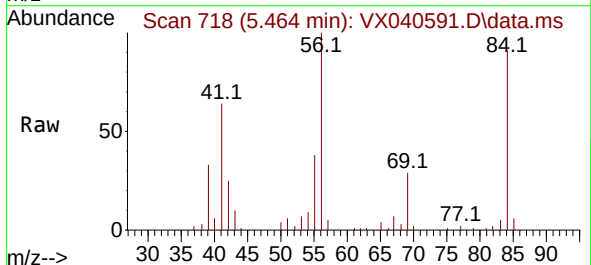
Manual Integrations
APPROVED

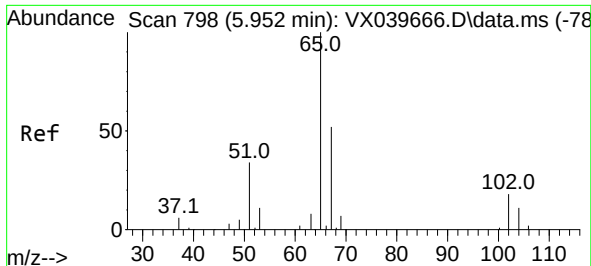
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
Cyclohexane
Concen: 20.498 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 56 Resp: 32359
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 28.880 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

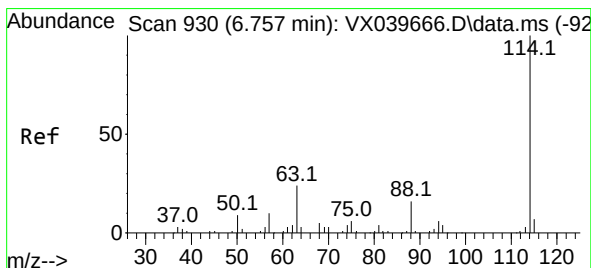
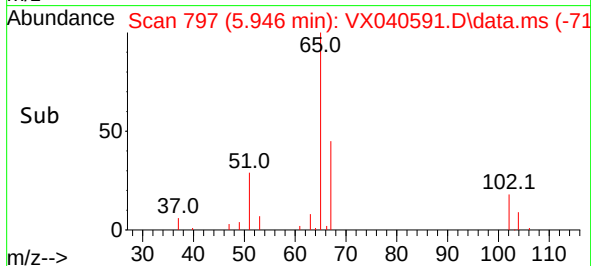
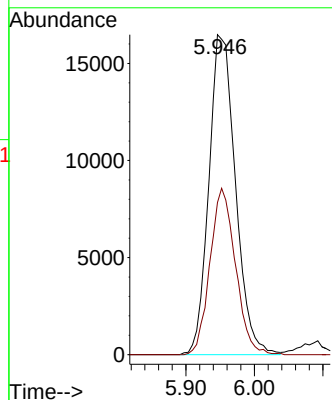
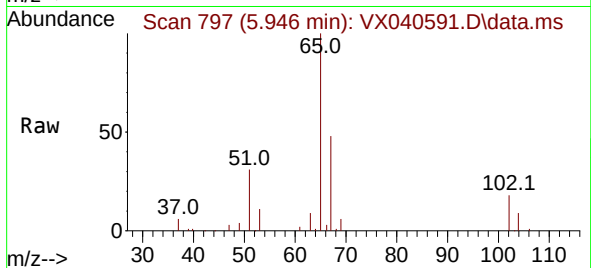
VSTDCCC020EC

Tgt Ion: 65 Resp: 44549
Ion Ratio Lower Upper
65 100
67 49.7 42.5 63.7

Manual Integrations

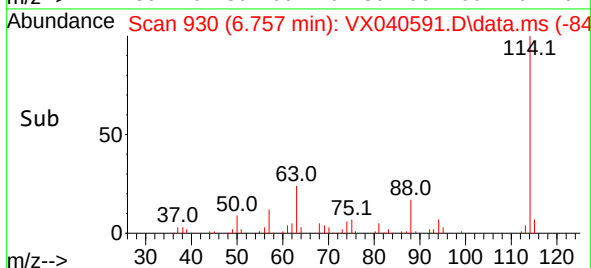
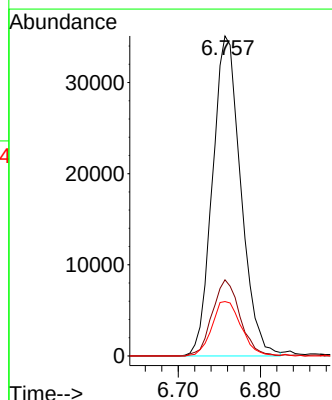
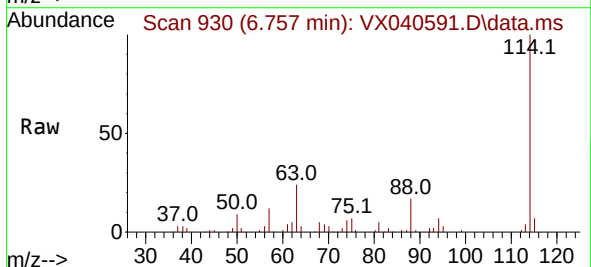
APPROVED

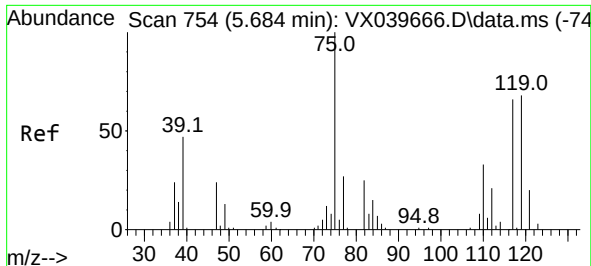
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion:114 Resp: 84032
Ion Ratio Lower Upper
114 100
63 23.3 17.0 25.4
88 17.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 21.517 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

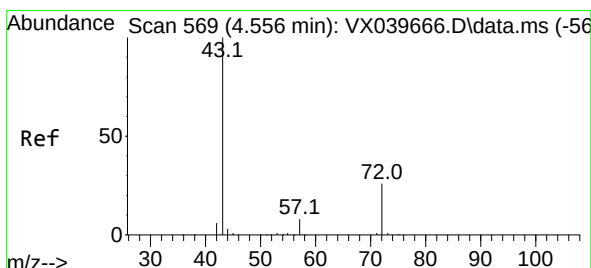
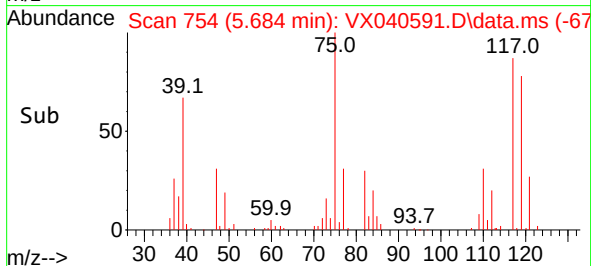
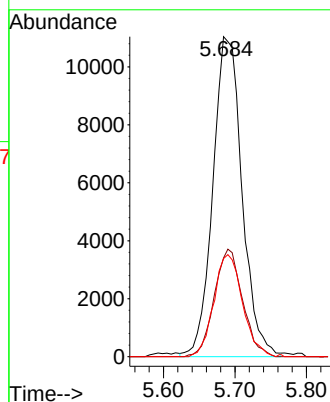
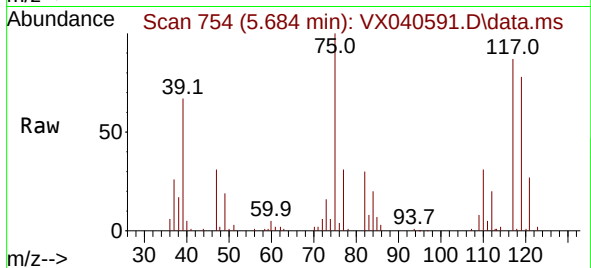
Tgt Ion: 75 Resp: 3129
Ion Ratio Lower Upper
75 100
110 32.5 0.0 71.2
77 31.3 0.0 62.6

Manual Integrations

APPROVED

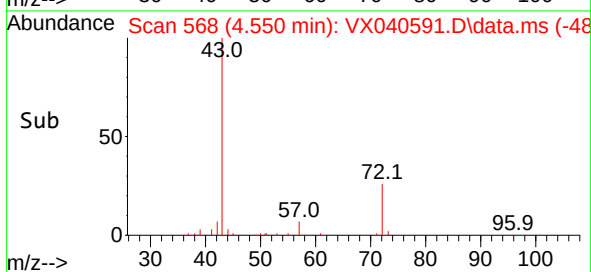
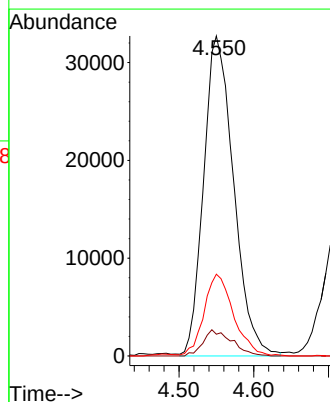
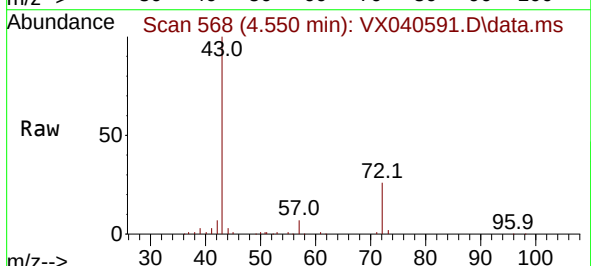
Reviewed By :John Carlone 03/06/2024

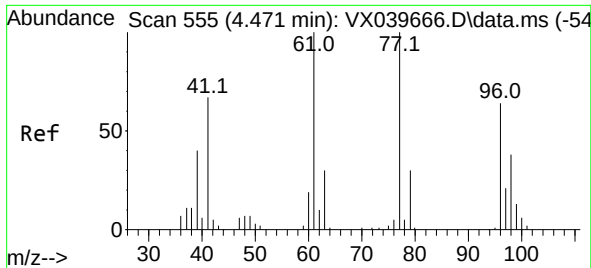
Supervised By :Mahesh Dadoda 03/06/2024



#30
2-Butanone
Concen: 102.763 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 43 Resp: 91211
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 25.0 20.6 31.0





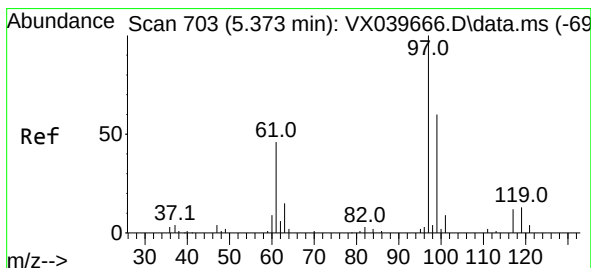
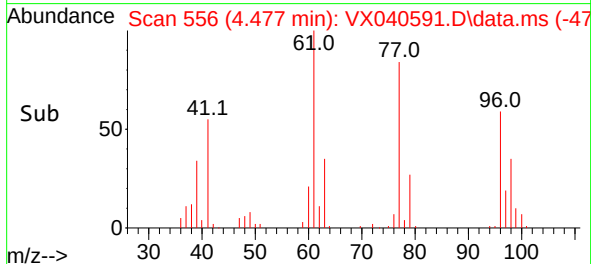
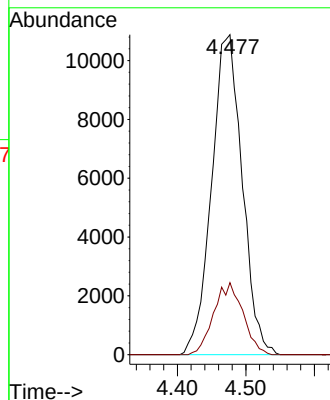
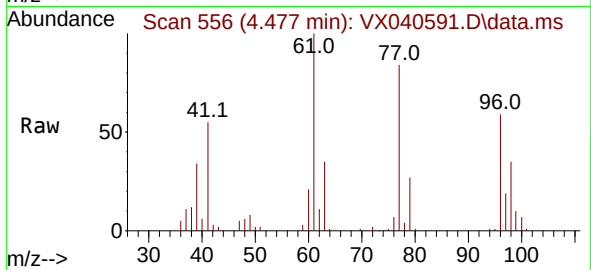
#31
2,2-Dichloropropane
Concen: 21.475 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 3371
Ion Ratio Lower Upper
77 100
97 21.5 18.2 27.4

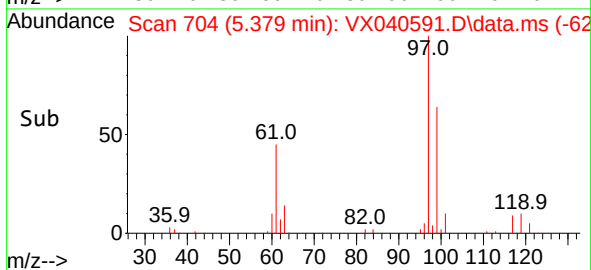
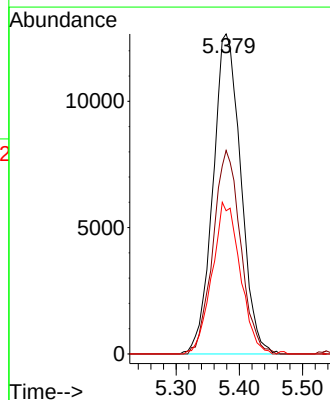
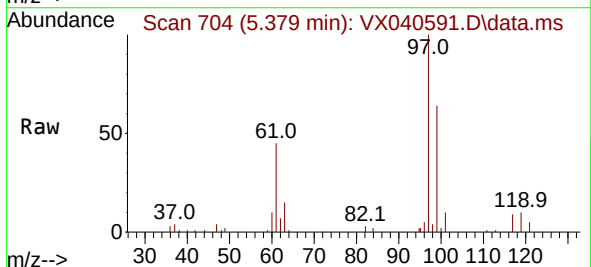
Manual Integrations
APPROVED

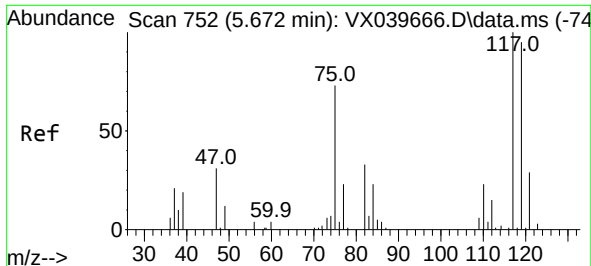
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#32
1,1,1-Trichloroethane
Concen: 21.098 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

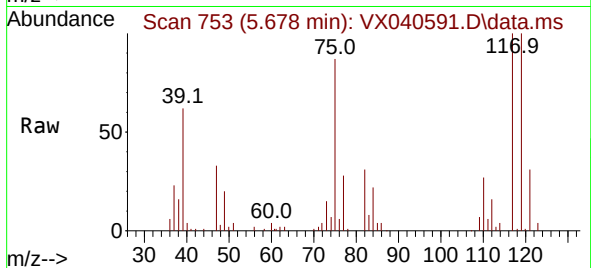
Tgt Ion: 97 Resp: 38668
Ion Ratio Lower Upper
97 100
99 63.2 52.6 79.0
61 47.9 36.9 55.3





#33
Carbon Tetrachloride
Concen: 20.619 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

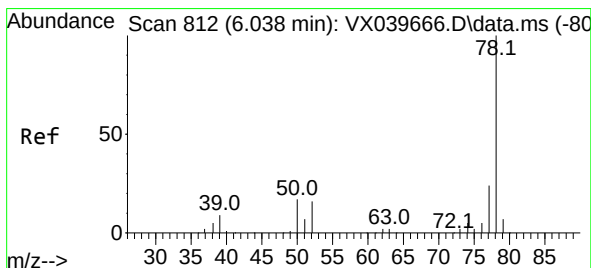
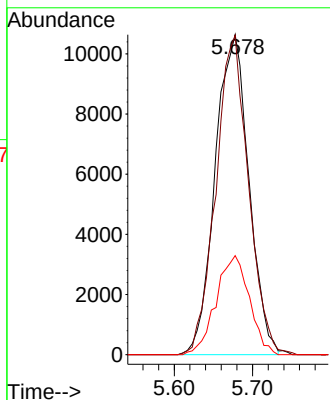
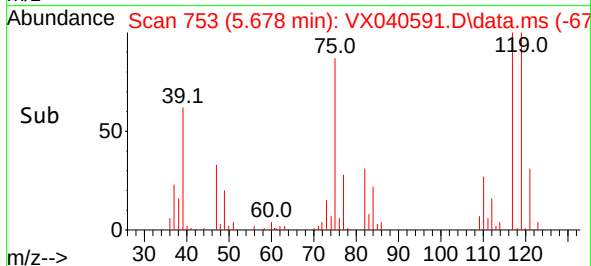
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 3179
Ion Ratio Lower Upper
117 100
119 99.8 78.2 117.4
121 31.0 24.7 37.1

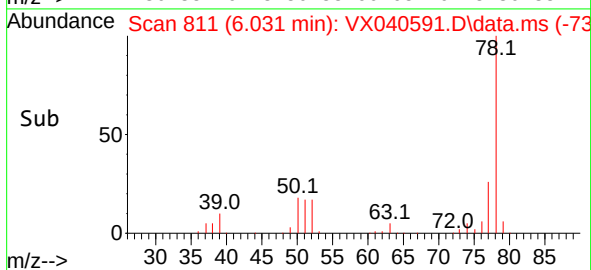
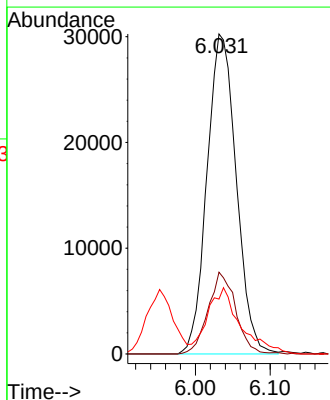
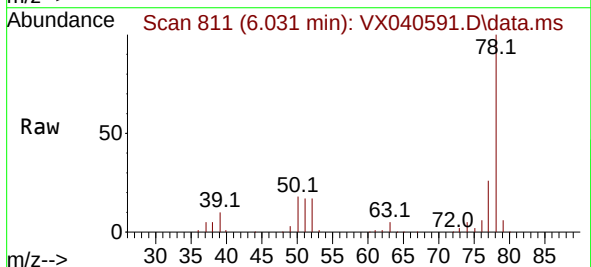
Manual Integrations
APPROVED

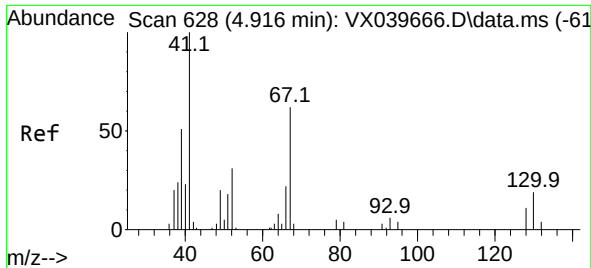
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#34
Benzene
Concen: 21.004 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 78 Resp: 82475
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9
51 15.2 14.4 21.6





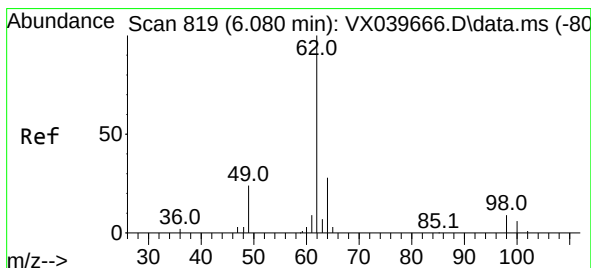
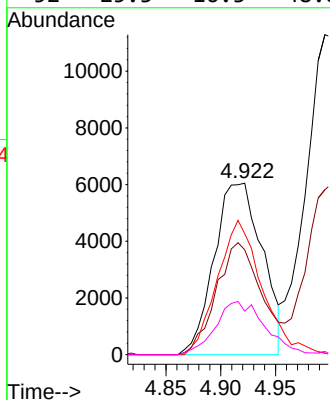
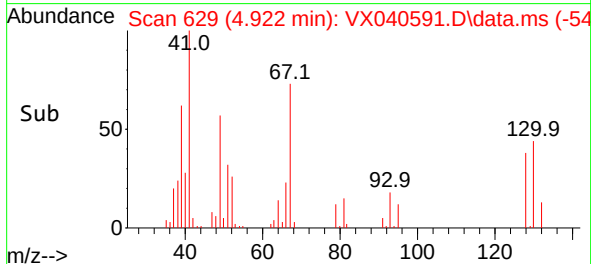
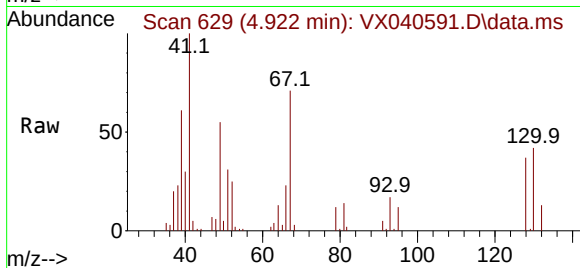
#35
Methacrylonitrile
Concen: 20.284 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 1848
Ion Ratio Lower Upper
41 100
39 61.1 28.2 84.7
67 70.5 34.5 103.5
52 25.3 16.3 48.8

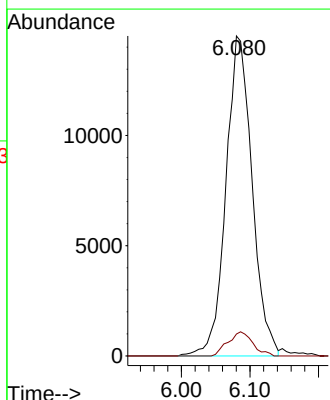
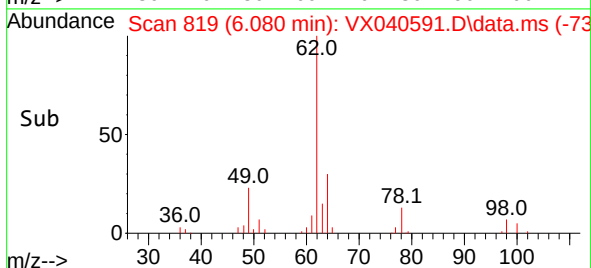
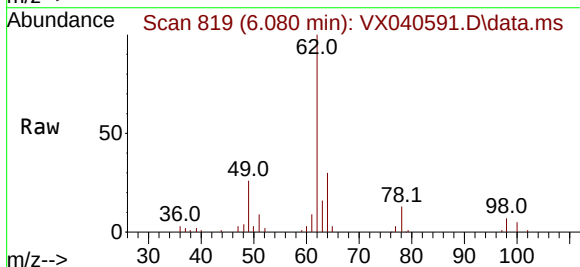
Manual Integrations
APPROVED

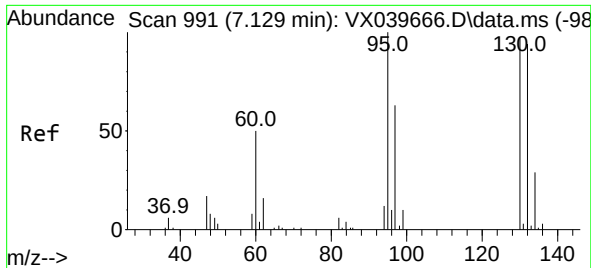
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#36
1,2-Dichloroethane
Concen: 21.217 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

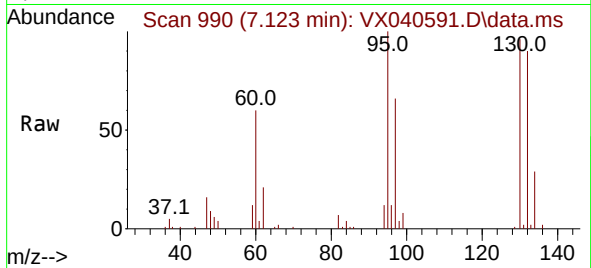
Tgt Ion: 62 Resp: 38519
Ion Ratio Lower Upper
62 100
98 7.2 7.0 10.4





#37
Trichloroethene
Concen: 21.532 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

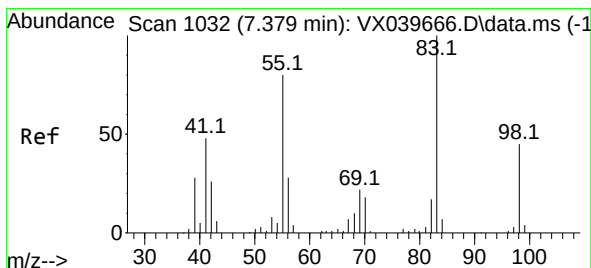
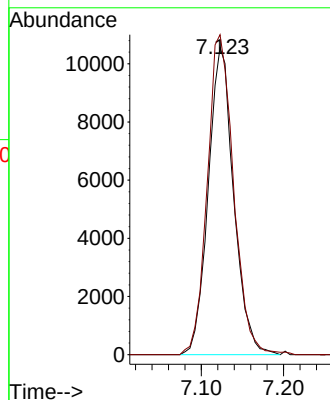
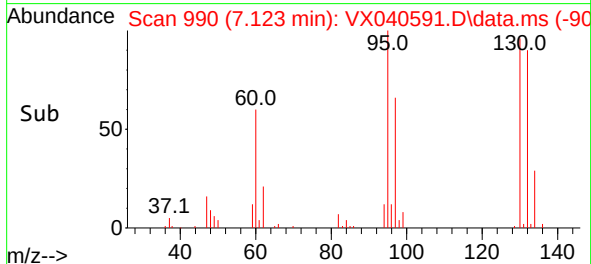
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 22720
Ion Ratio Lower Upper
130 100
95 104.1 85.8 128.8

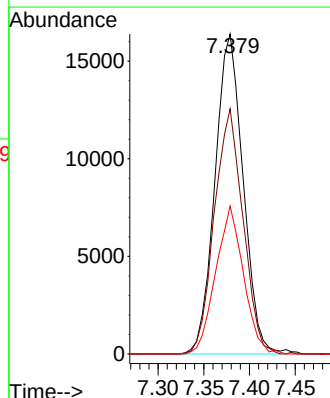
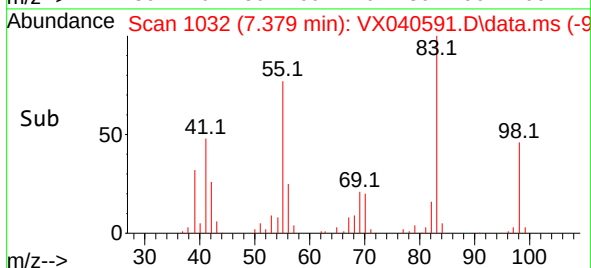
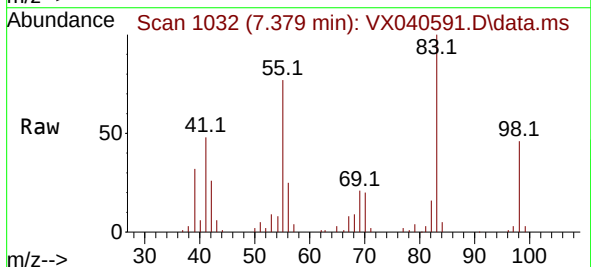
Manual Integrations
APPROVED

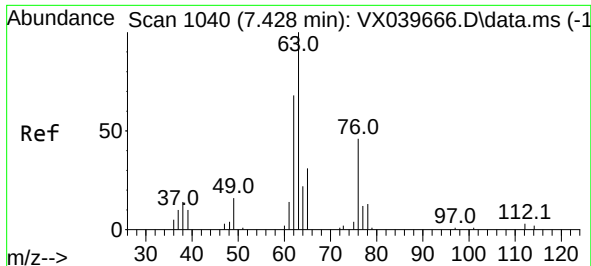
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#38
Methylcyclohexane
Concen: 22.325 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 83 Resp: 34966
Ion Ratio Lower Upper
83 100
55 78.2 38.6 116.0
98 45.6 22.3 66.8





#39
1,2-Dichloropropane
Concen: 21.948 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

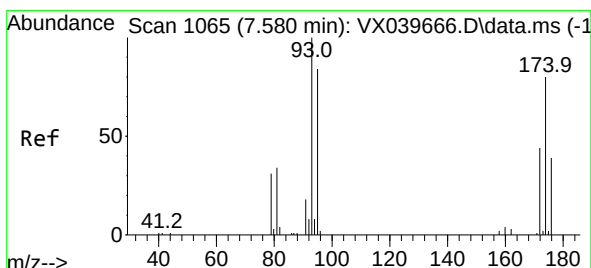
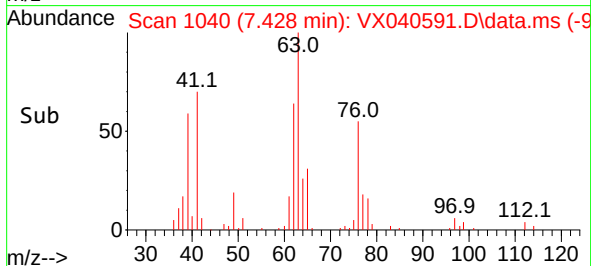
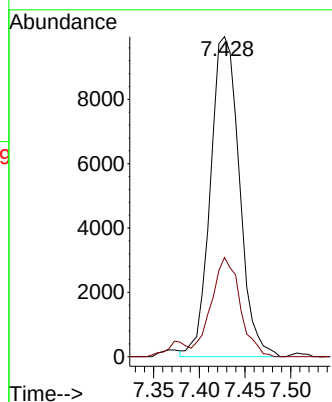
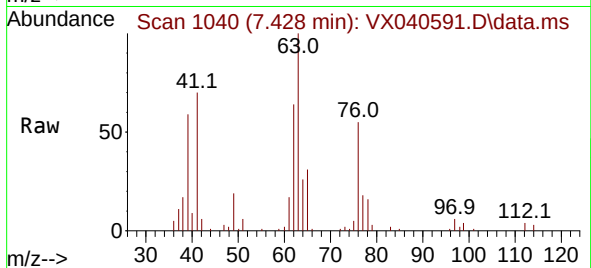
VSTDCCC020EC

Tgt Ion: 63 Resp: 2194
Ion Ratio Lower Upper
63 100
65 31.0 24.6 37.0

Manual Integrations

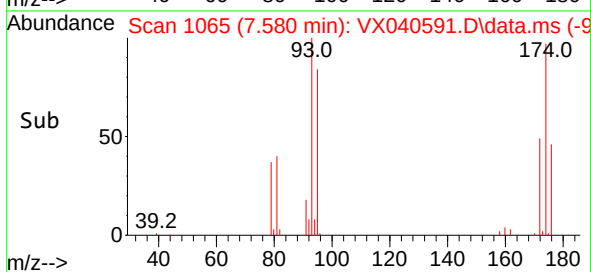
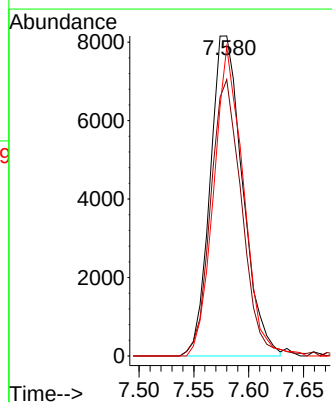
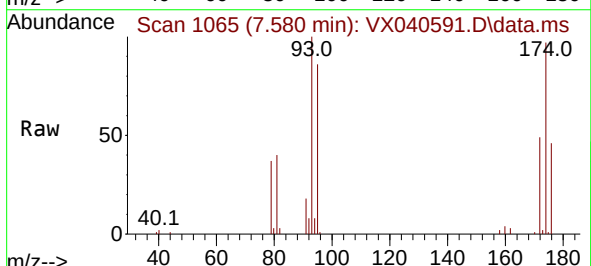
APPROVED

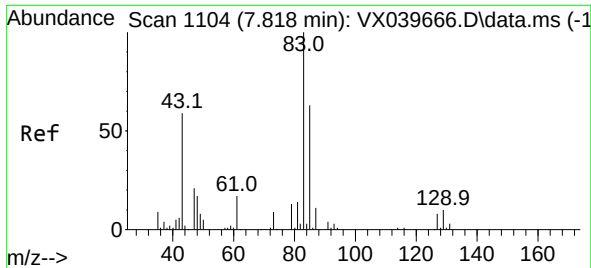
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#40
Dibromomethane
Concen: 21.404 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 93 Resp: 16811
Ion Ratio Lower Upper
93 100
95 82.7 0.0 163.4
174 88.4 0.0 166.4





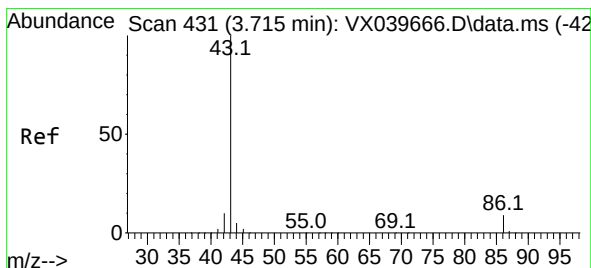
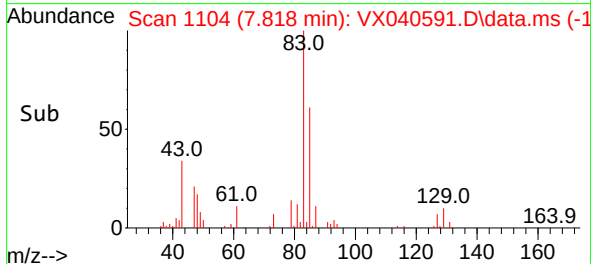
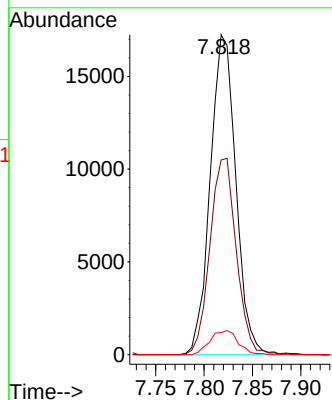
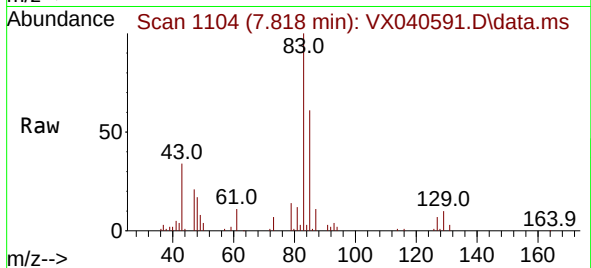
#41
Bromodichloromethane
Concen: 20.275 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 31680
Ion Ratio Lower Upper
83 100
85 60.9 50.8 76.2
127 6.9 5.9 8.9

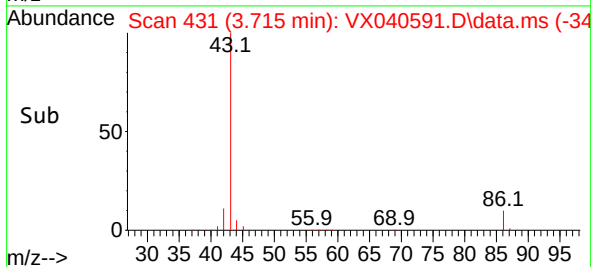
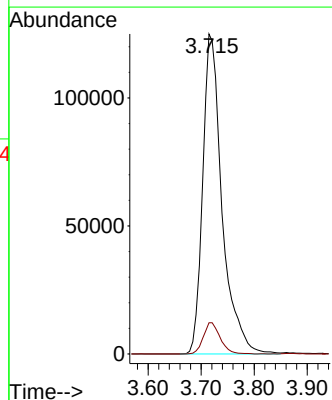
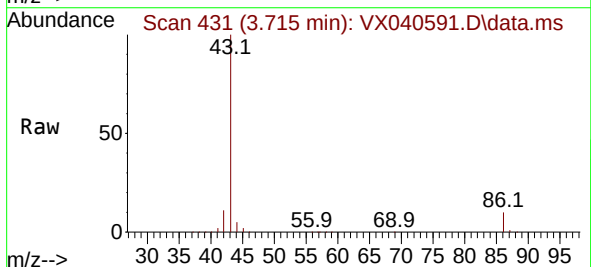
Manual Integrations
APPROVED

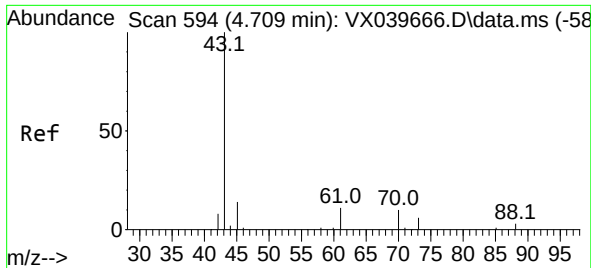
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
Vinyl Acetate
Concen: 103.740 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

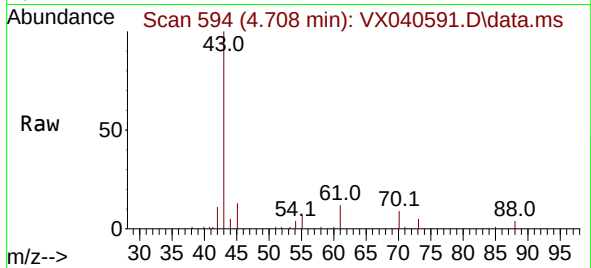
Tgt Ion: 43 Resp: 317027
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





#43
Ethyl Acetate
Concen: 21.111 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

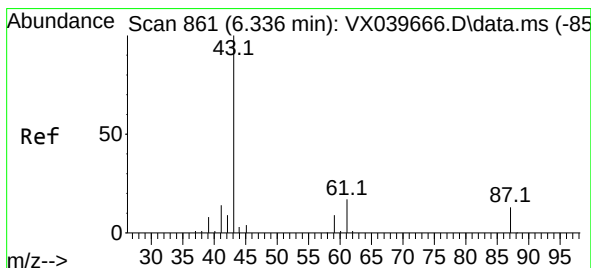
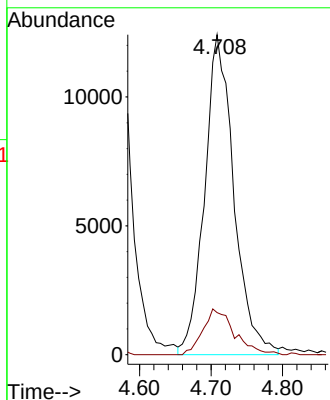
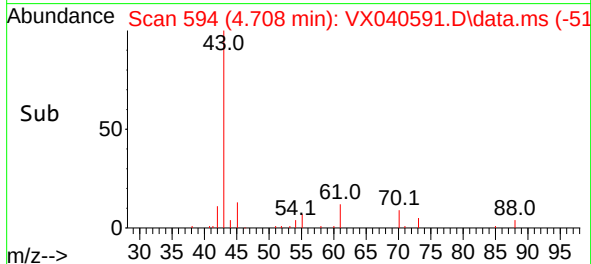
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 35290
Ion Ratio Lower Upper
43 100
45 15.2 11.8 17.8

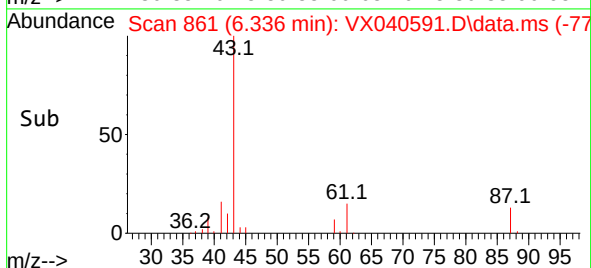
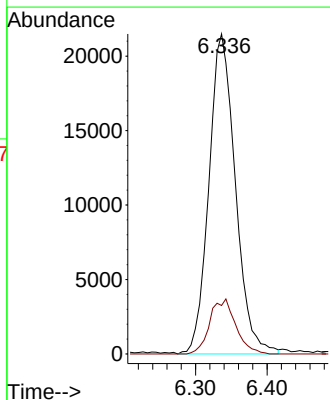
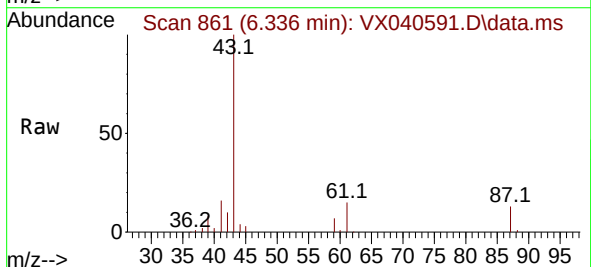
Manual Integrations
APPROVED

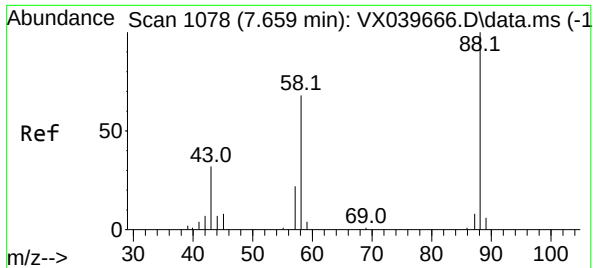
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Isopropyl Acetate
Concen: 20.701 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 43 Resp: 55236
Ion Ratio Lower Upper
43 100
61 8.8 15.6 23.4#





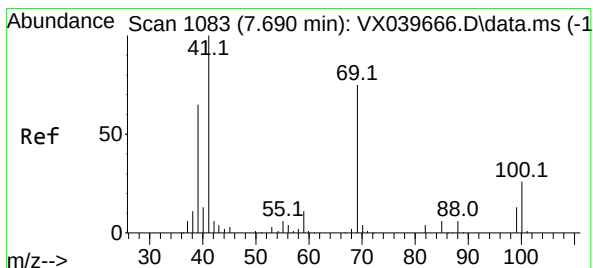
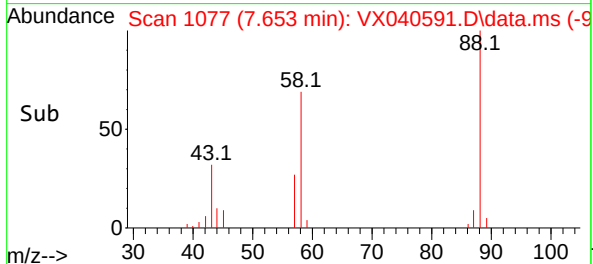
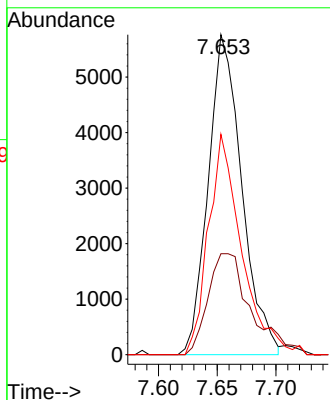
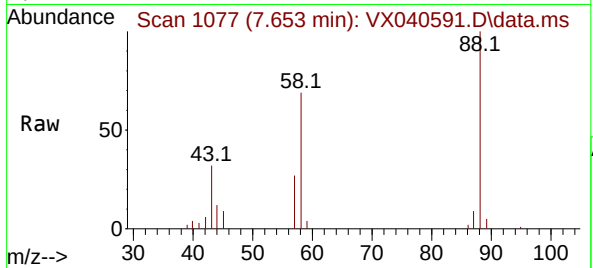
#45
1,4-Dioxane
Concen: 418.876 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 11489
Ion Ratio Lower Upper
88 100
43 35.9 28.1 42.1
58 67.5 57.7 86.5

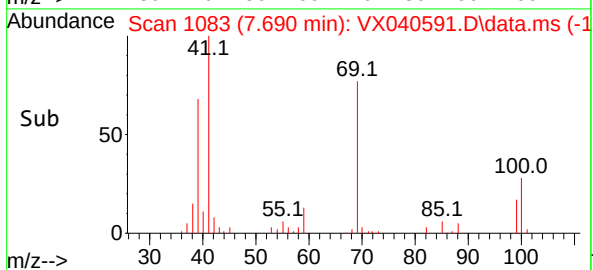
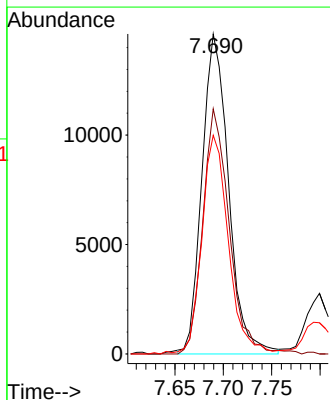
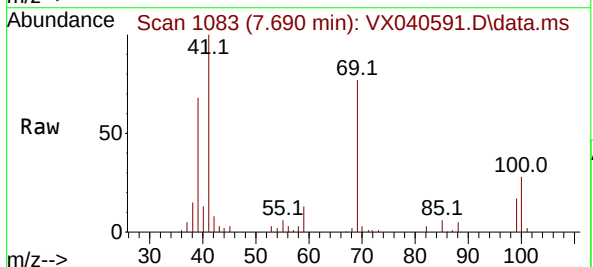
Manual Integrations
APPROVED

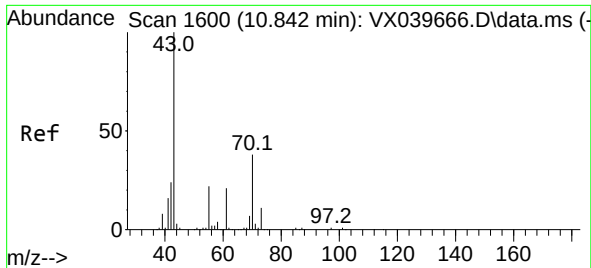
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#46
Methyl methacrylate
Concen: 21.093 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 41 Resp: 27954
Ion Ratio Lower Upper
41 100
69 77.5 39.6 118.8
39 68.5 30.1 90.3





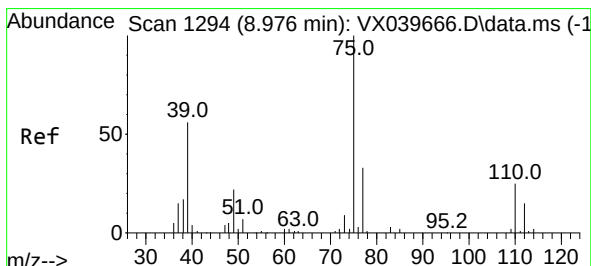
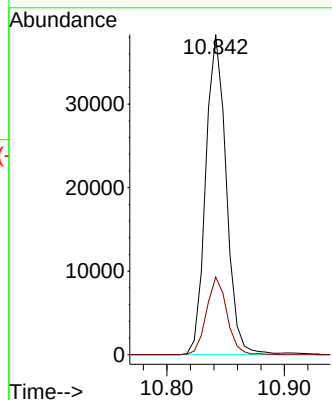
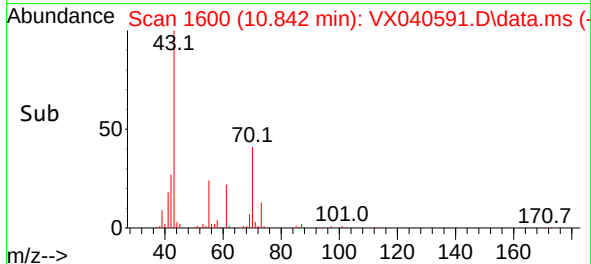
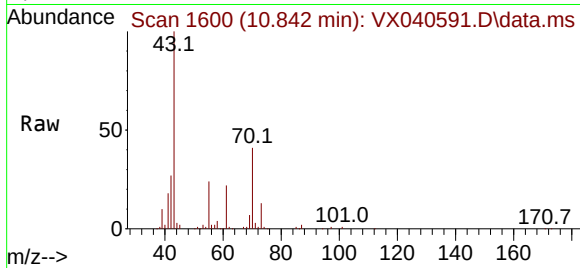
#47
n-amy1 Acetate
Concen: 20.199 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 4645
Ion Ratio Lower Upper
43 100
55 24.0 18.2 27.2

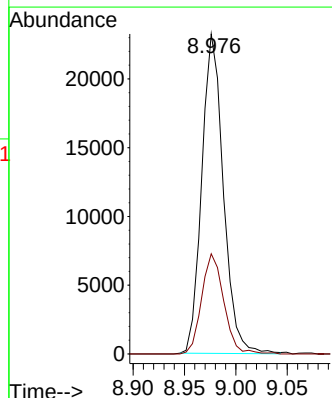
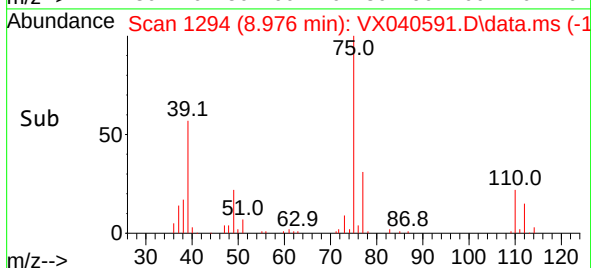
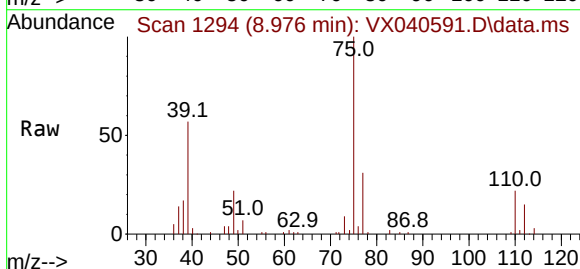
Manual Integrations
APPROVED

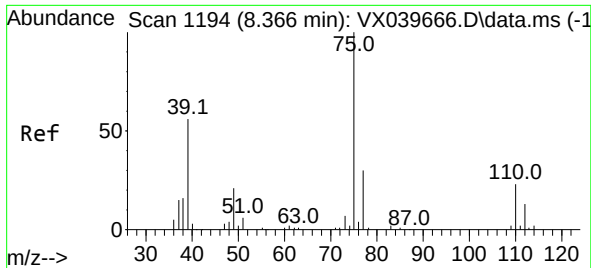
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#48
t-1,3-Dichloropropene
Concen: 20.570 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 75 Resp: 33970
Ion Ratio Lower Upper
75 100
77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.548 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3625

Ion Ratio Lower Upper

75 100

77 30.6 24.4 36.6

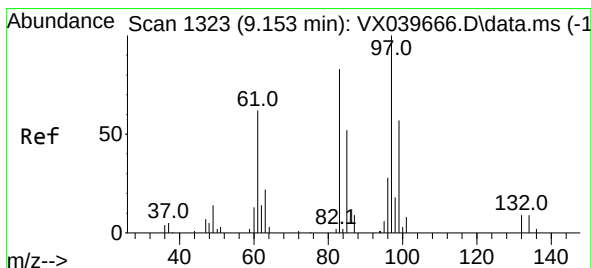
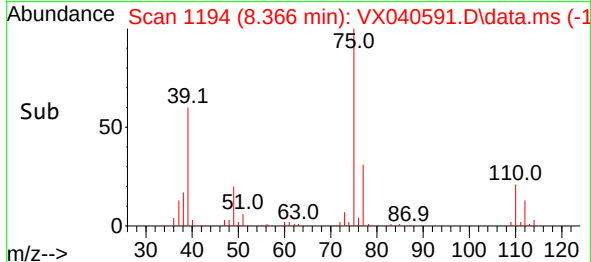
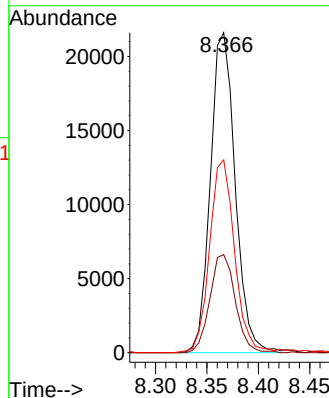
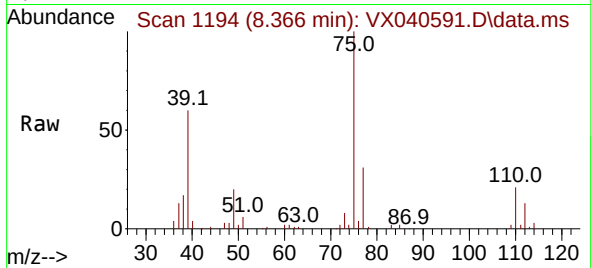
39 59.9 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#50

1,1,2-Trichloroethane

Concen: 21.262 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Tgt Ion: 97 Resp: 22182

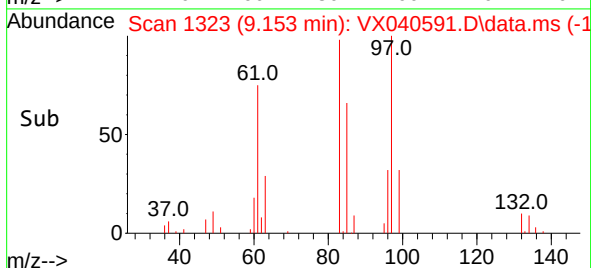
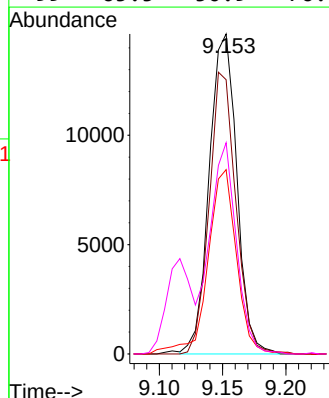
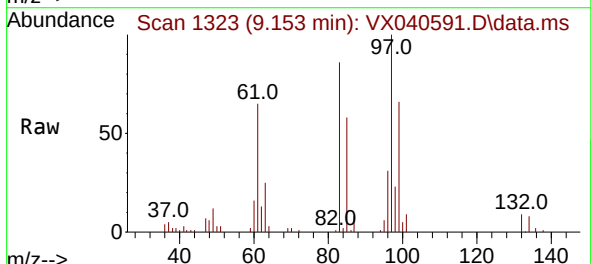
Ion Ratio Lower Upper

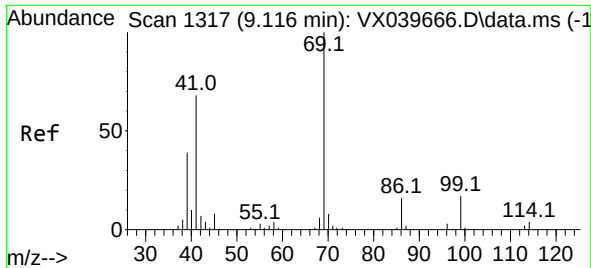
97 100

83 85.7 69.0 103.6

85 57.0 46.3 69.5

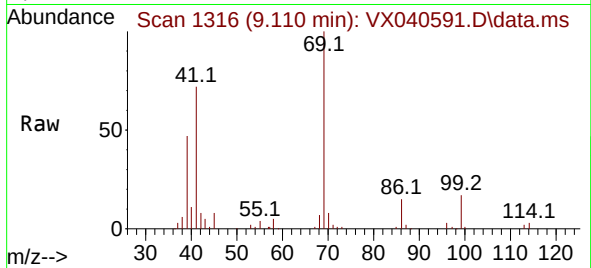
99 65.5 50.9 76.3





#51
Ethyl methacrylate
Concen: 20.982 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

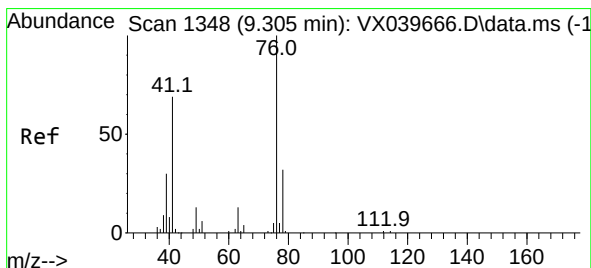
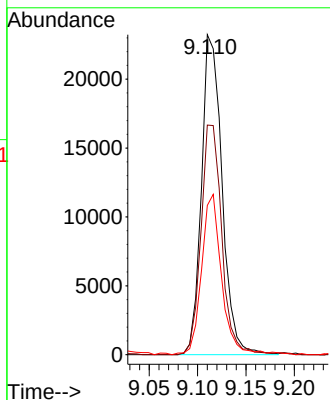
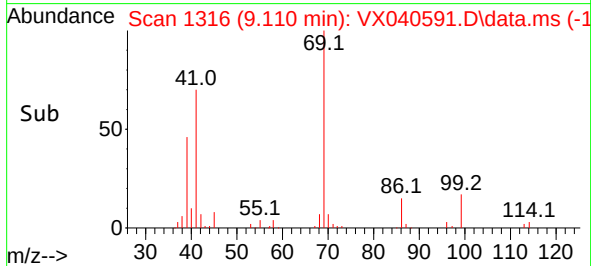
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 34462
Ion Ratio Lower Upper
69 100
41 71.8 36.2 108.6
39 46.1 21.1 63.4

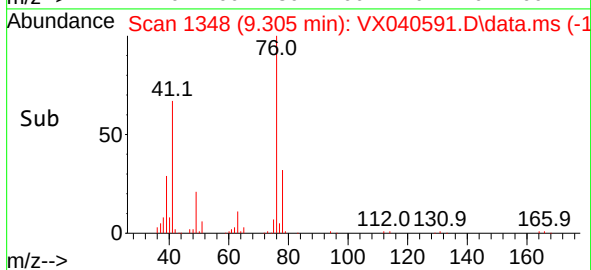
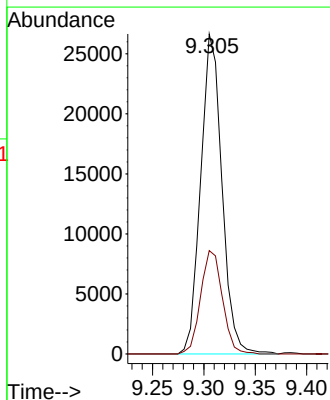
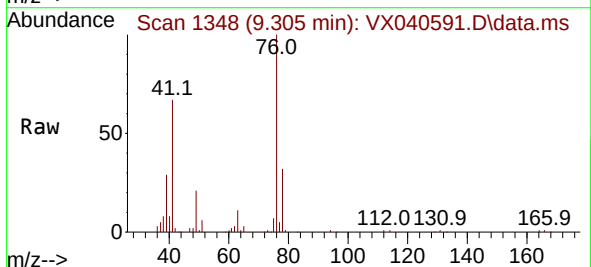
Manual Integrations
APPROVED

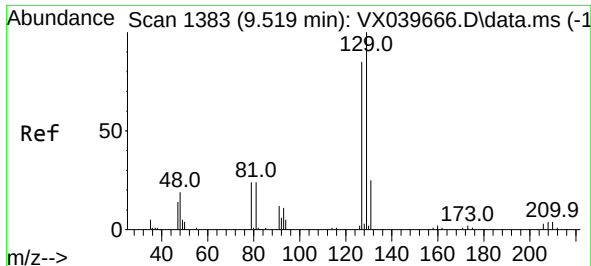
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#52
1,3-Dichloropropane
Concen: 21.573 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

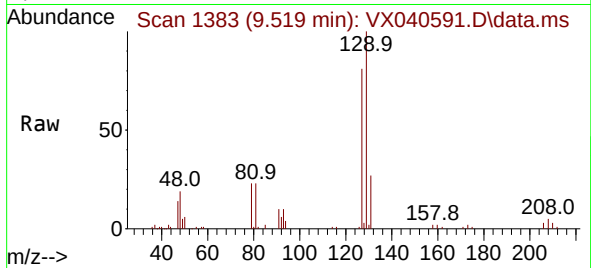
Tgt Ion: 76 Resp: 38404
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0





#53
Dibromochloromethane
Concen: 19.548 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

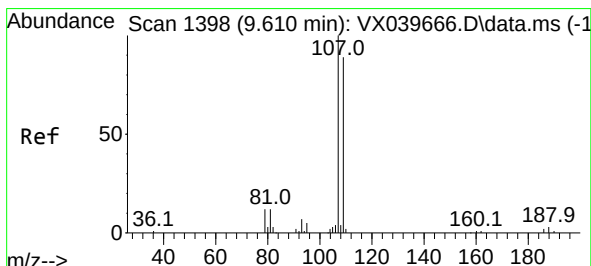
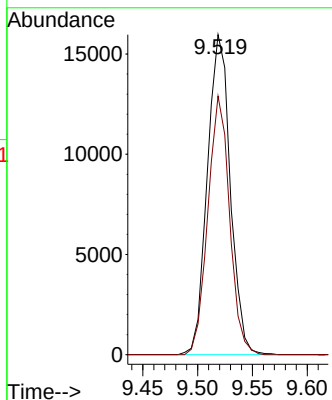
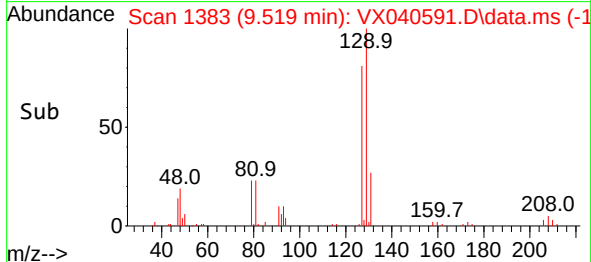
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 23248
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9

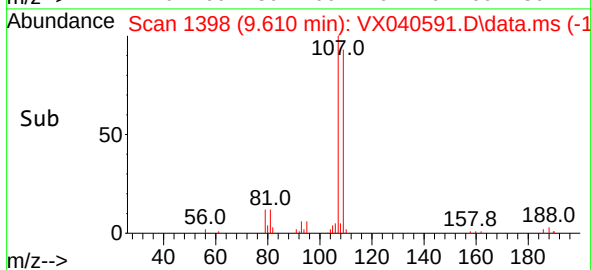
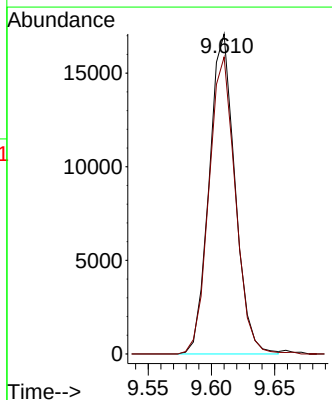
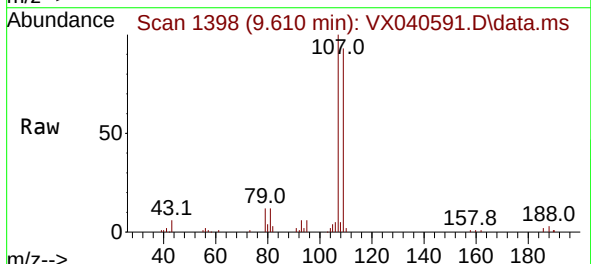
Manual Integrations
APPROVED

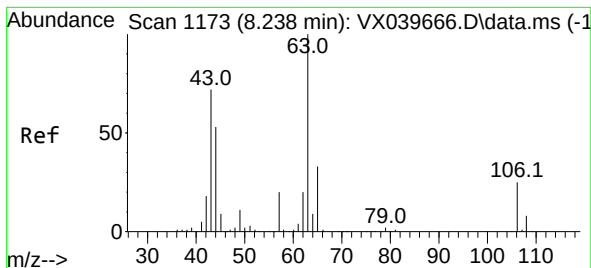
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#54
1,2-Dibromoethane
Concen: 20.993 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion:107 Resp: 24234
Ion Ratio Lower Upper
107 100
109 95.0 75.1 112.7





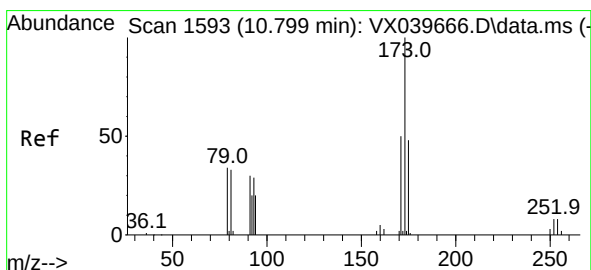
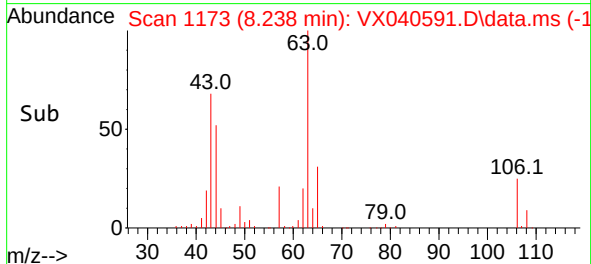
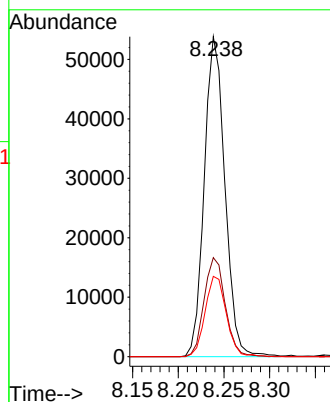
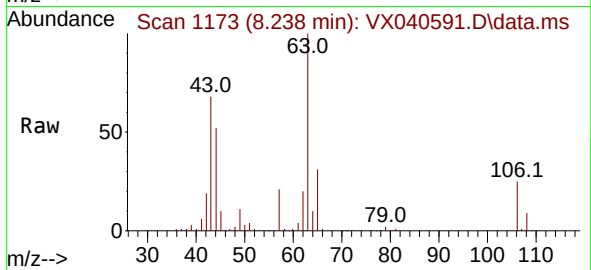
#55
2-Chloroethyl vinyl ether
Concen: 101.030 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 8450
Ion Ratio Lower Upper
63 100
65 31.6 25.8 38.6
106 25.4 20.6 31.0

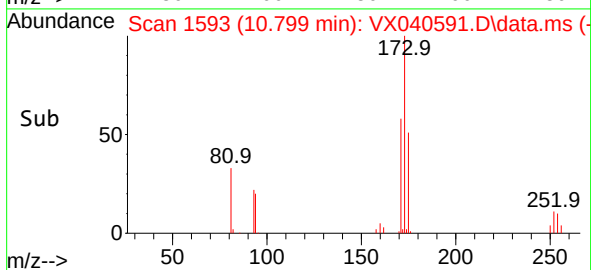
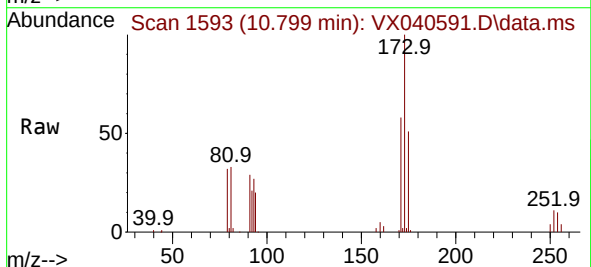
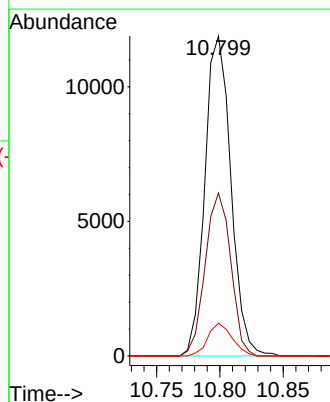
Manual Integrations
APPROVED

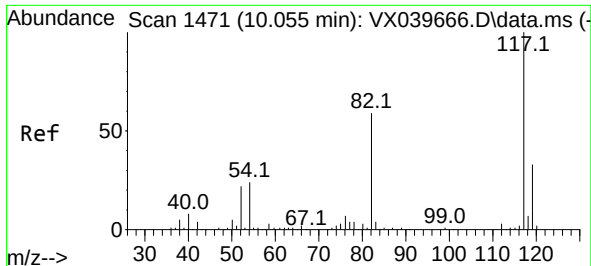
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#56
Bromoform
Concen: 20.210 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion:173 Resp: 17048
Ion Ratio Lower Upper
173 100
175 50.0 37.6 56.4
254 9.5 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 8268

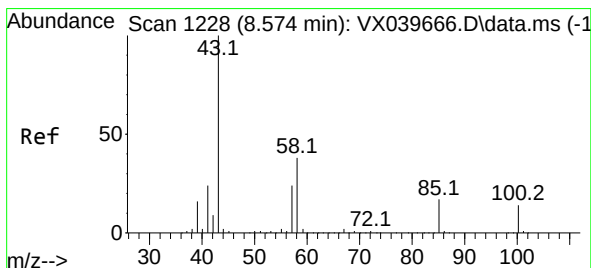
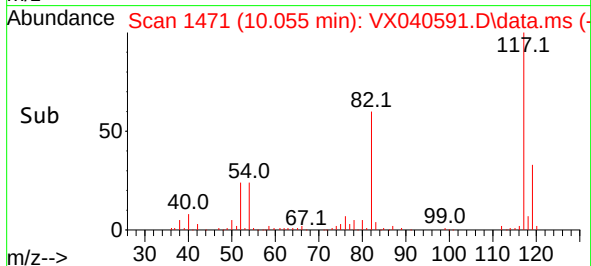
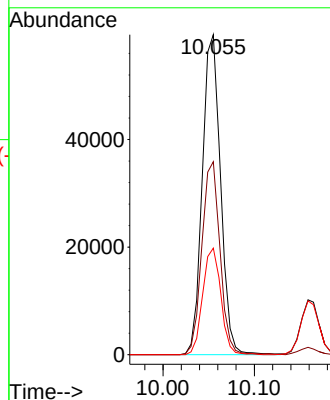
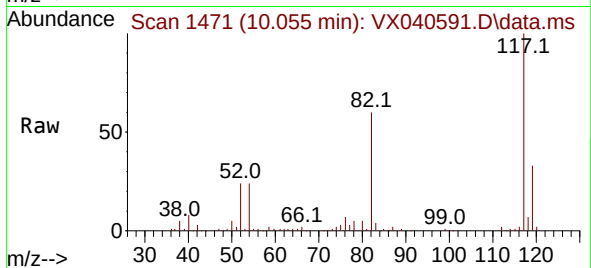
Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.0	70.6
119	33.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#58

4-Methyl-2-Pentanone

Concen: 100.368 ug/l

RT: 8.568 min Scan# 1227

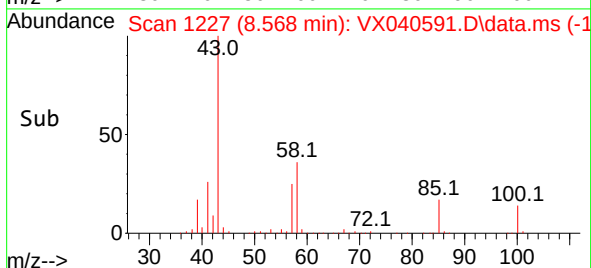
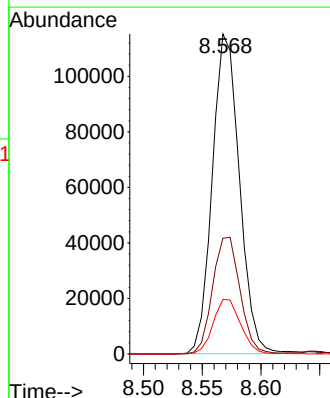
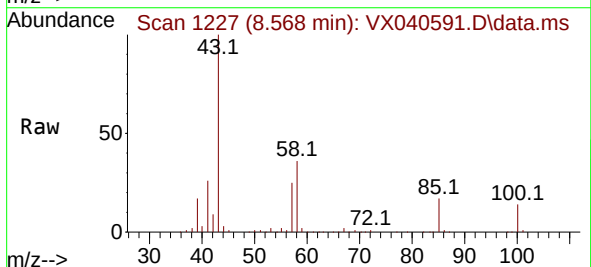
Delta R.T. -0.006 min

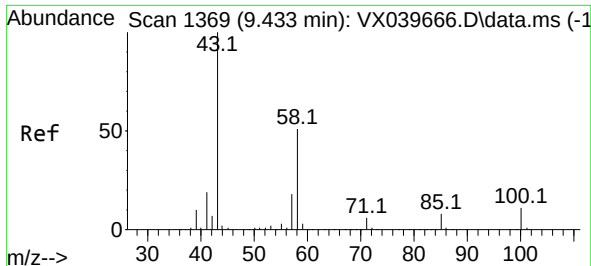
Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Tgt Ion: 43 Resp: 184800

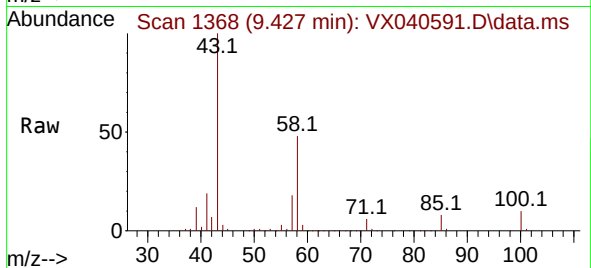
Ion	Ratio	Lower	Upper
43	100		
58	37.0	30.1	45.1
85	17.5	13.9	20.9





#59
2-Hexanone
Concen: 93.888 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

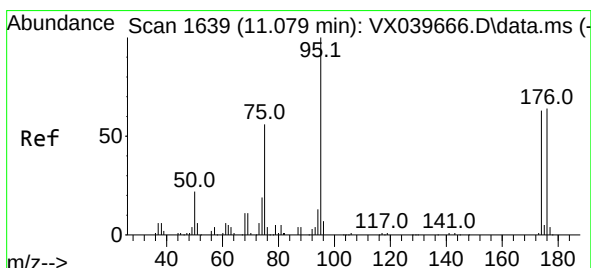
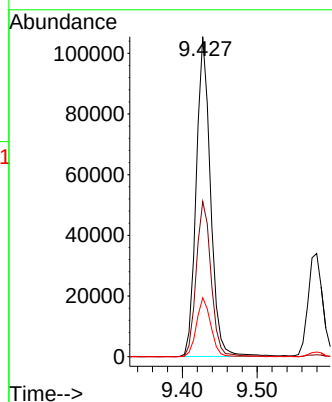
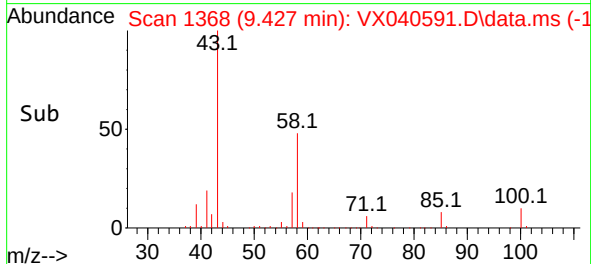
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 13963
Ion Ratio Lower Upper
43 100
58 49.4 42.7 64.1
57 18.3 14.8 22.2

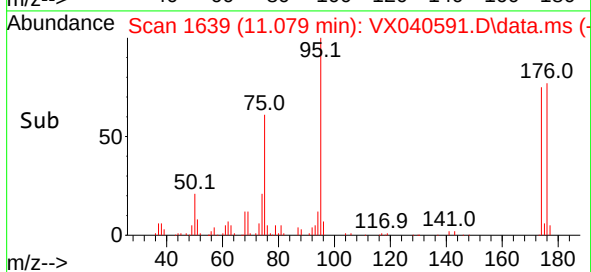
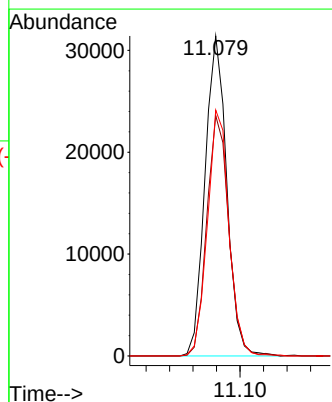
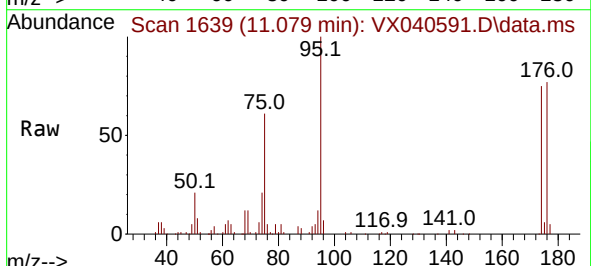
Manual Integrations
APPROVED

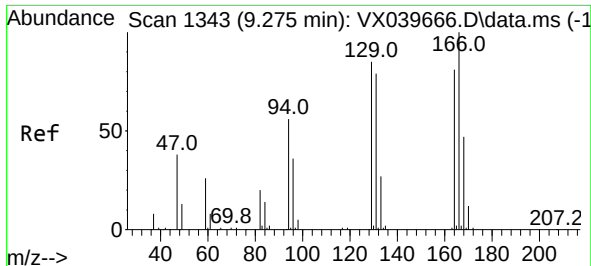
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#60
4-Bromofluorobenzene
Concen: 28.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

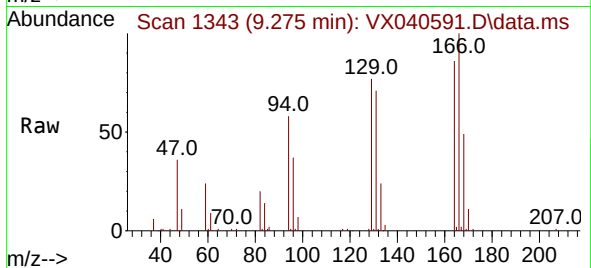
Tgt Ion: 95 Resp: 40306
Ion Ratio Lower Upper
95 100
174 75.8 55.4 83.2
176 76.0 52.6 78.8





#61
Tetrachloroethene
Concen: 21.408 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

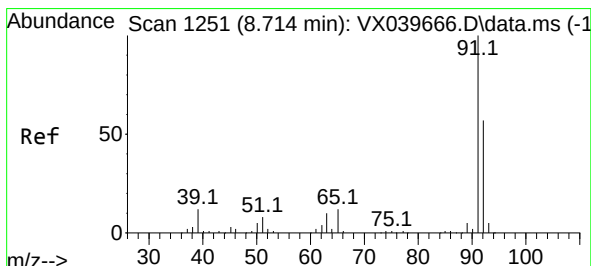
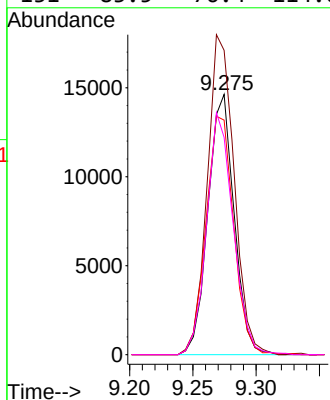
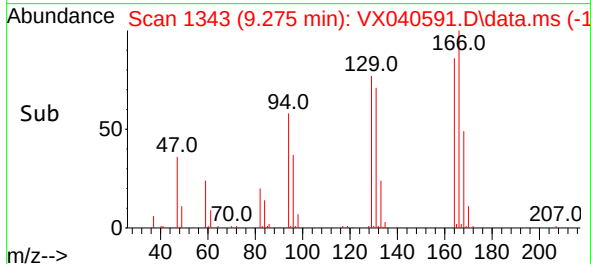
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 21010
Ion Ratio Lower Upper
164 100
166 116.9 104.0 156.0
129 90.1 82.0 123.0
131 83.5 76.4 114.6

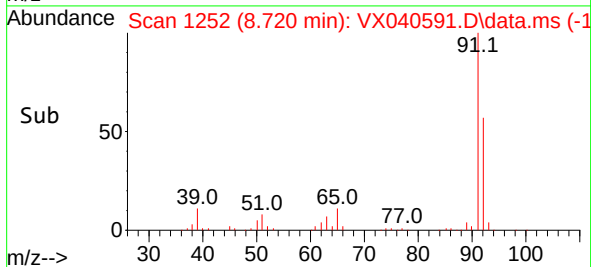
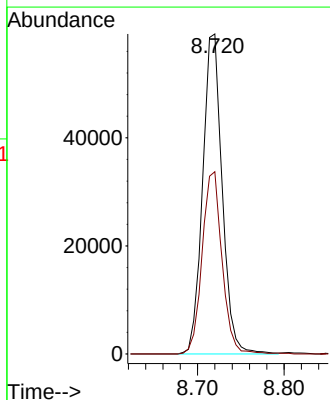
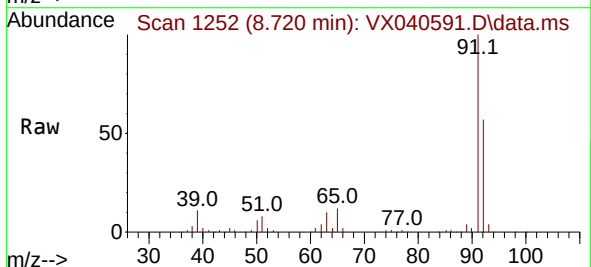
Manual Integrations
APPROVED

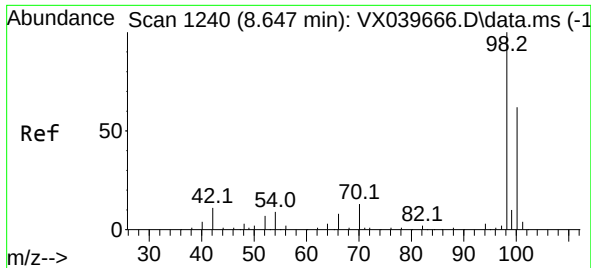
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#62
Toluene
Concen: 20.404 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

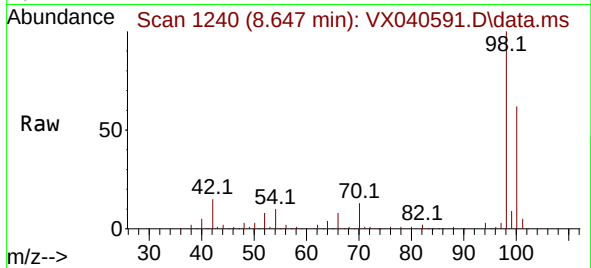
Tgt Ion: 91 Resp: 92923
Ion Ratio Lower Upper
91 100
92 57.4 45.9 68.9





#63
Toluene-d8
Concen: 30.003 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

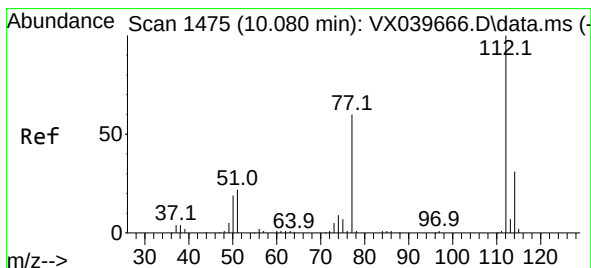
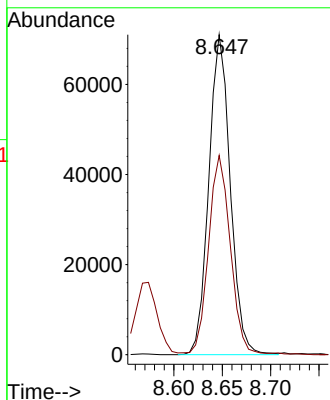
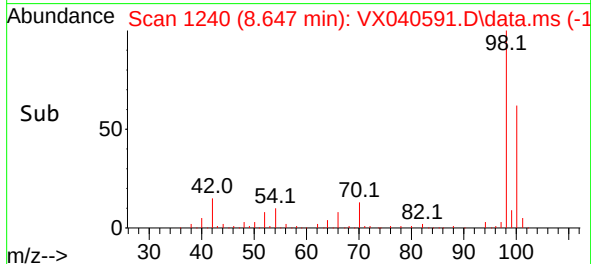
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 10963
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4

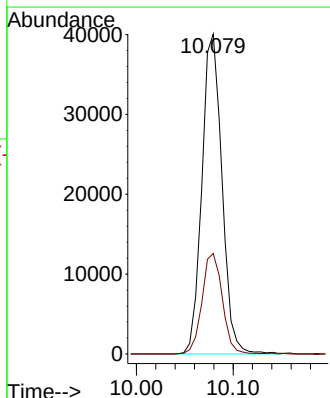
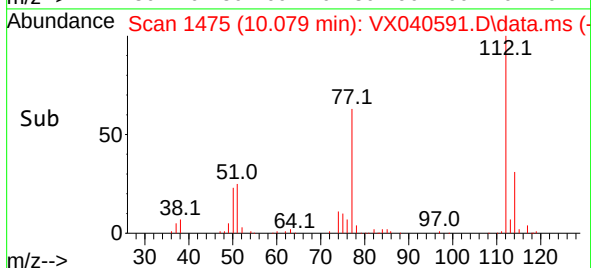
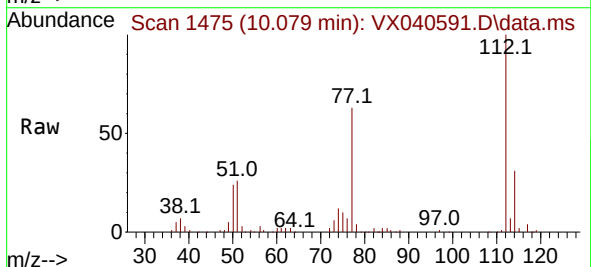
Manual Integrations
APPROVED

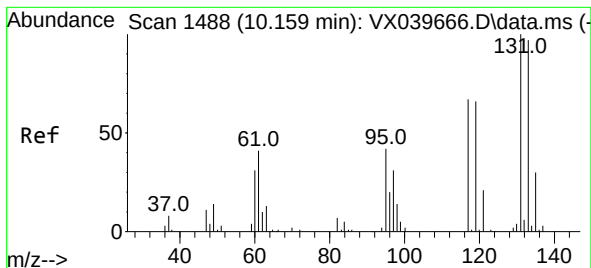
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#64
Chlorobenzene
Concen: 20.788 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

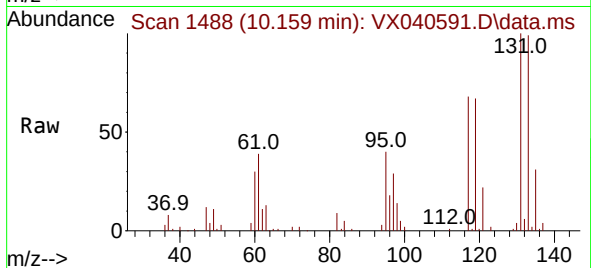
Tgt Ion:112 Resp: 57861
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.705 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

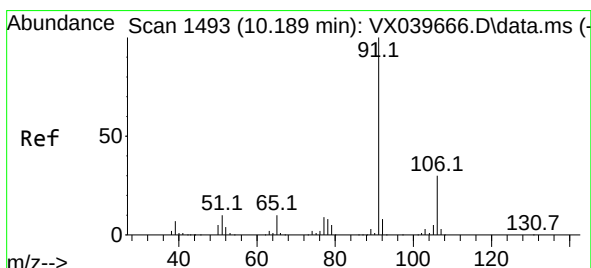
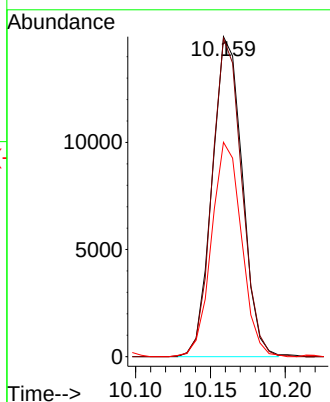
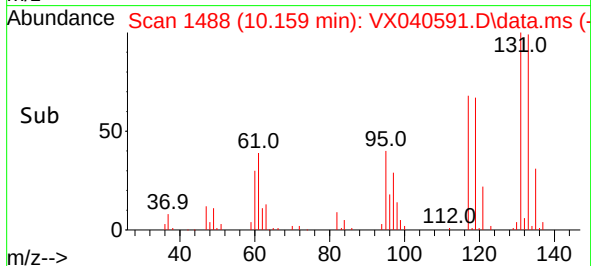
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



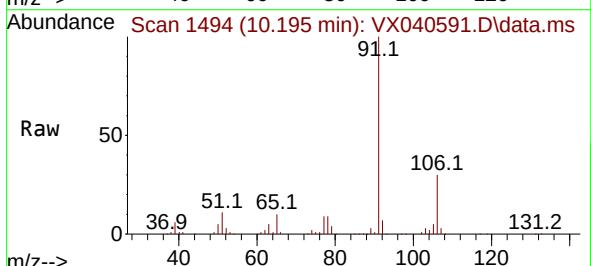
Tgt Ion:131 Resp: 20920
Ion Ratio Lower Upper
131 100
133 98.1 0.0 191.8
119 66.8 0.0 135.4

Manual Integrations
APPROVED

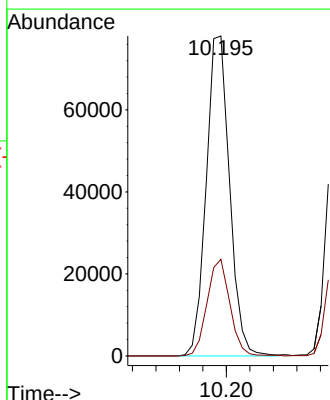
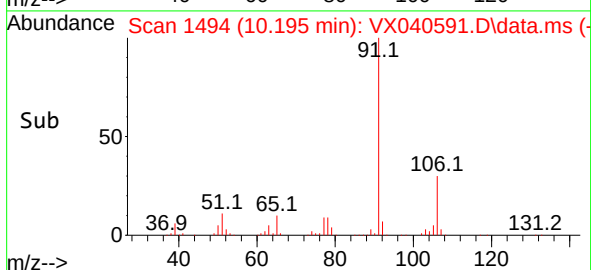
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

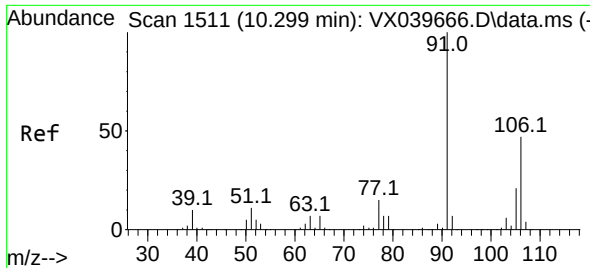


#66
Ethyl Benzene
Concen: 20.518 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24



Tgt Ion: 91 Resp: 107736
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6





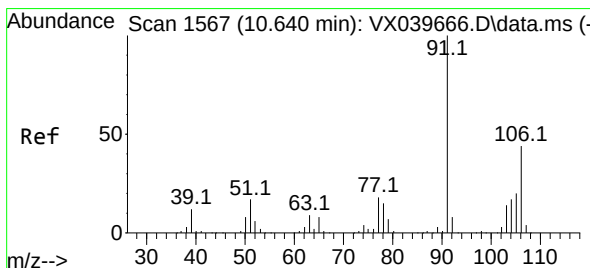
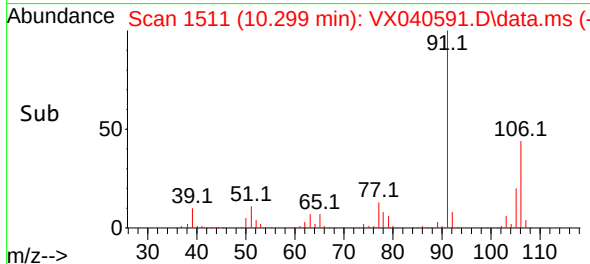
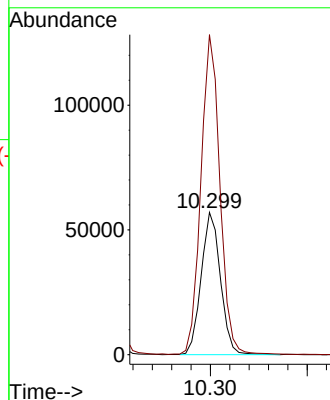
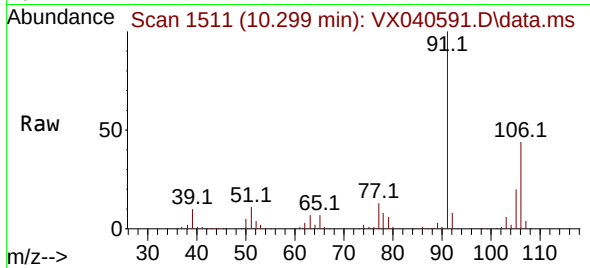
#67
m/p-Xylenes
Concen: 40.805 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 7912
Ion Ratio Lower Upper
106 100
91 221.4 169.4 254.0

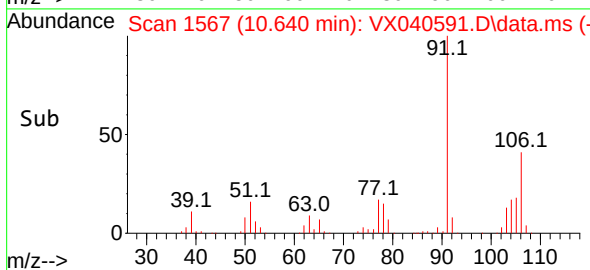
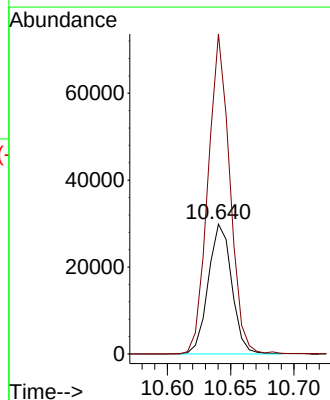
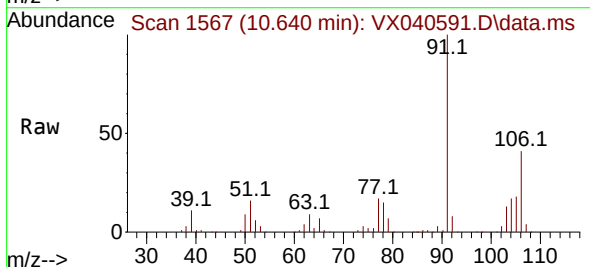
Manual Integrations
APPROVED

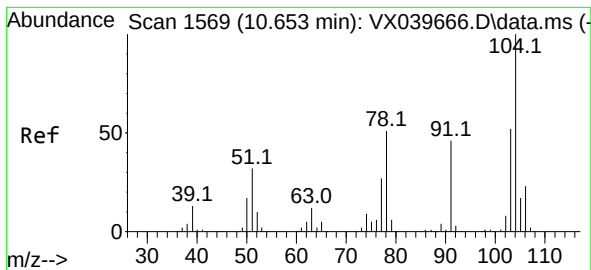
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#68
o-Xylene
Concen: 20.686 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion:106 Resp: 38612
Ion Ratio Lower Upper
106 100
91 227.9 111.2 333.6





#69

Styrene

Concen: 20.244 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 6348

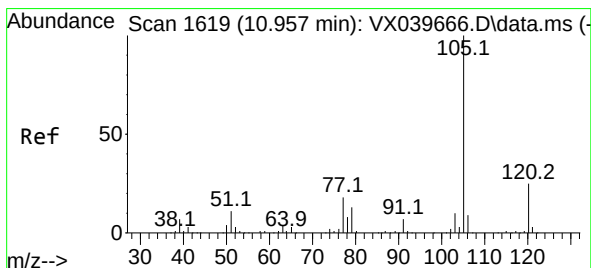
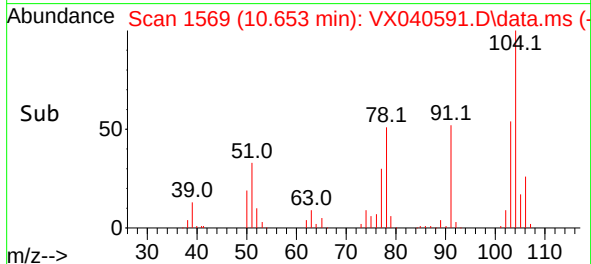
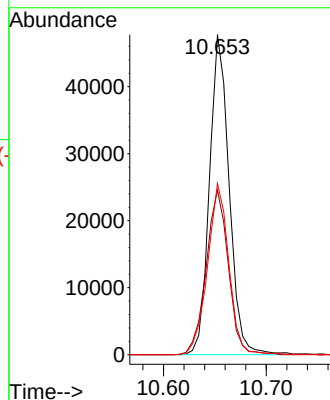
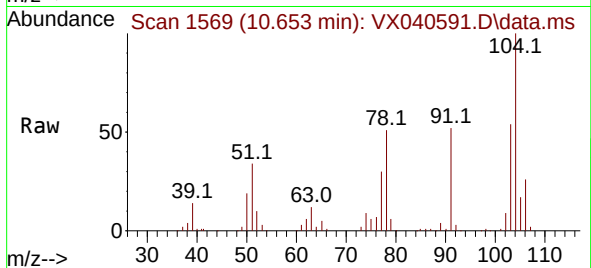
Ion	Ratio	Lower	Upper
104	100		
78	57.9	43.7	65.5
103	58.0	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#70

Isopropylbenzene

Concen: 21.143 ug/l

RT: 10.963 min Scan# 1620

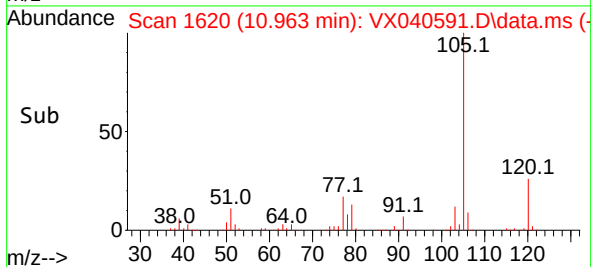
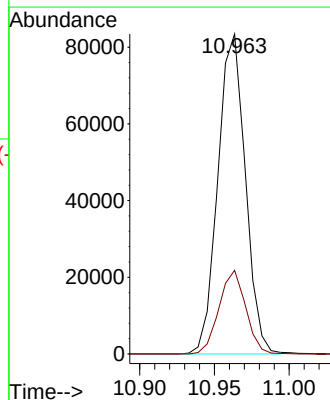
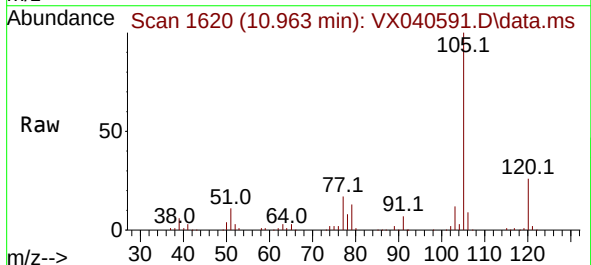
Delta R.T. 0.006 min

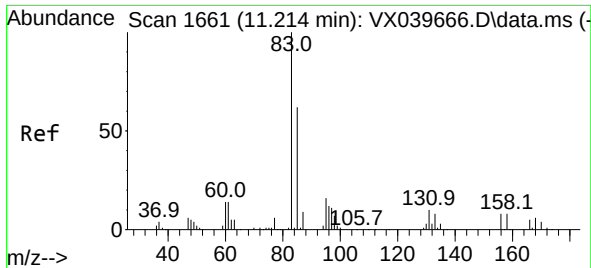
Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Tgt Ion:105 Resp: 106640

Ion	Ratio	Lower	Upper
105	100		
120	25.3	18.5	34.3





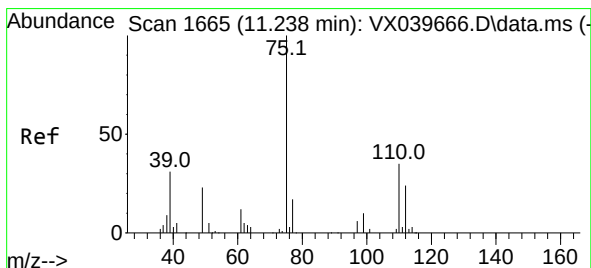
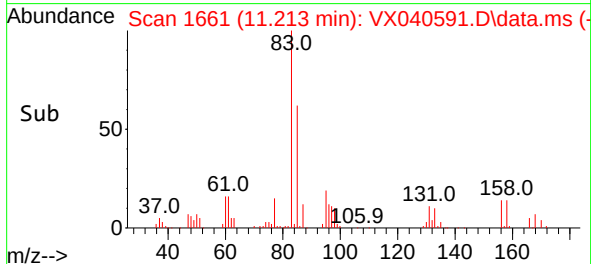
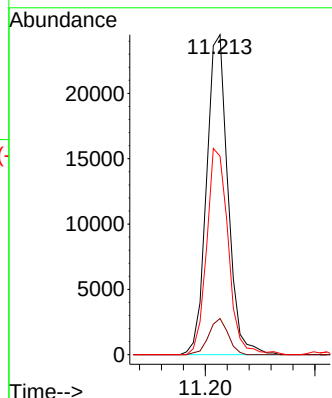
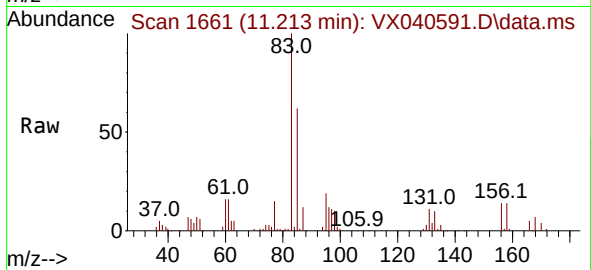
#71
1,1,2,2-Tetrachloroethane
Concen: 18.697 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 33060
Ion Ratio Lower Upper
83 100
131 10.3 4.6 13.8
85 64.8 32.5 97.4

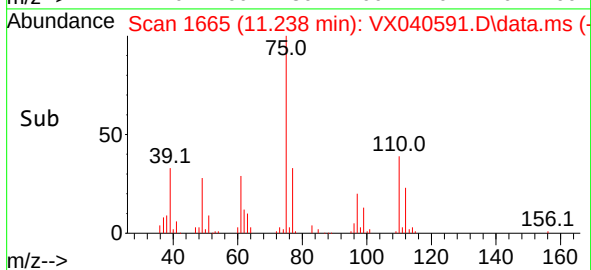
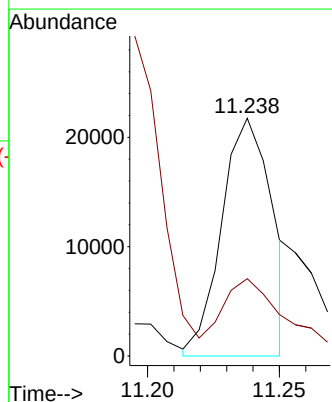
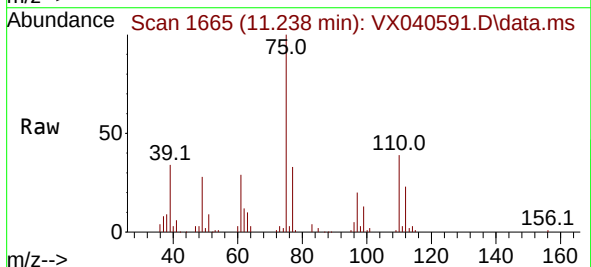
Manual Integrations
APPROVED

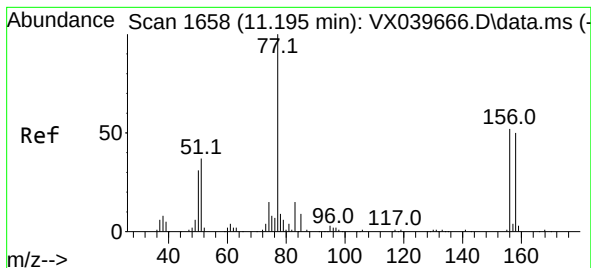
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#72
1,2,3-Trichloropropane
Concen: 18.139 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Tgt Ion: 75 Resp: 28858
Ion Ratio Lower Upper
75 100
77 41.7 0.0 76.4





#73

Bromobenzene

Concen: 19.623 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

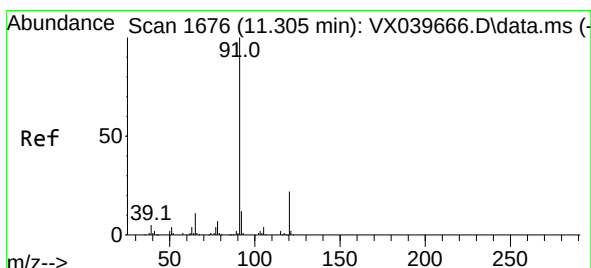
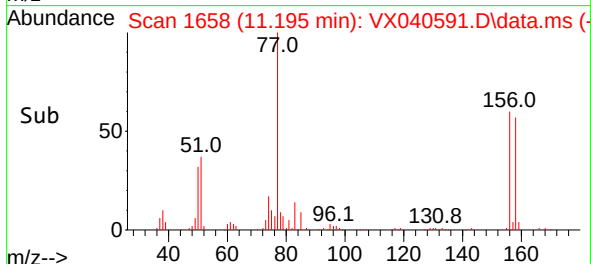
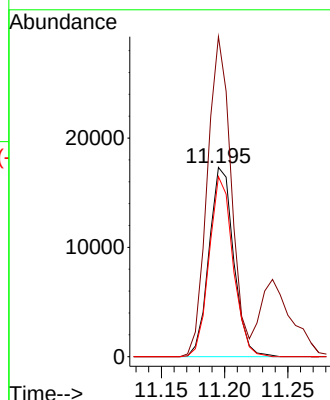
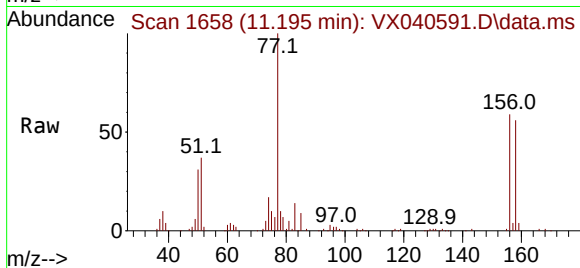
Tgt Ion:	156	Resp:	23430
Ion Ratio	Lower	Upper	
156	100		
77	164.0	0.0	363.2
158	92.2	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#74

n-propylbenzene

Concen: 19.613 ug/l

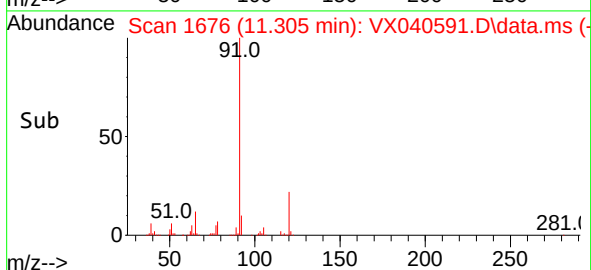
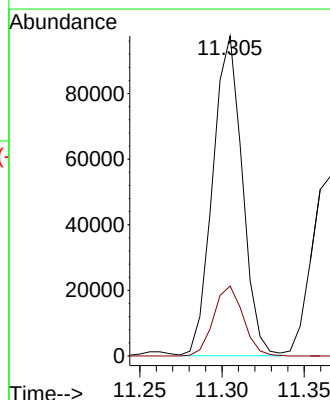
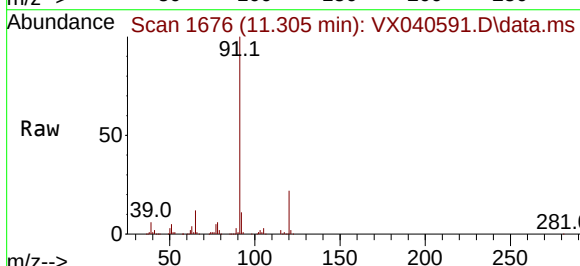
RT: 11.305 min Scan# 1676

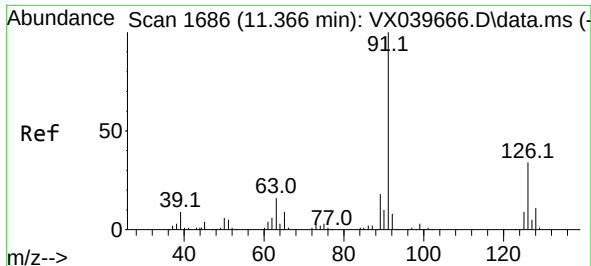
Delta R.T. -0.000 min

Lab File: VX040591.D

Acq: 05 Mar 2024 16:24

Tgt Ion:	91	Resp:	122178
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	43.4





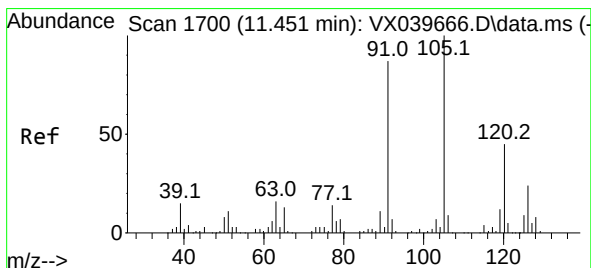
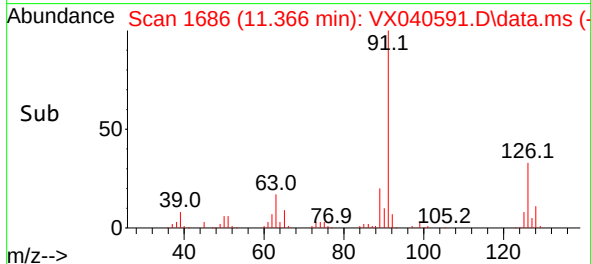
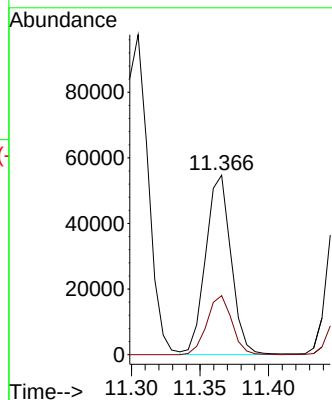
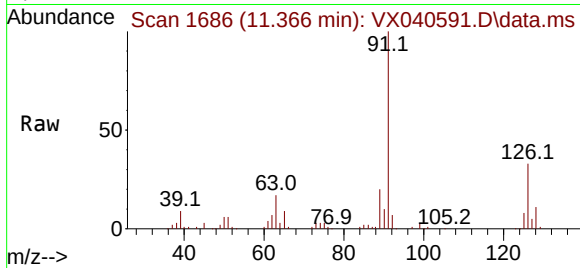
#75
2-Chlorotoluene
Concen: 19.099 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 70604
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.2

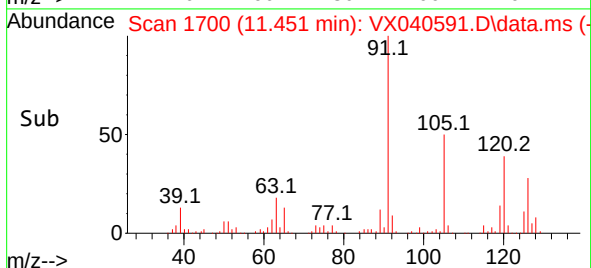
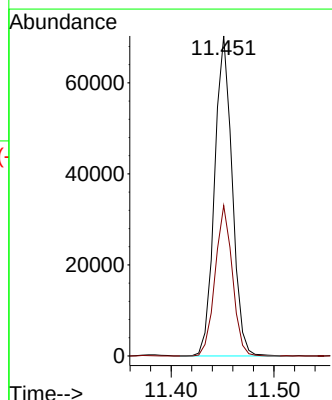
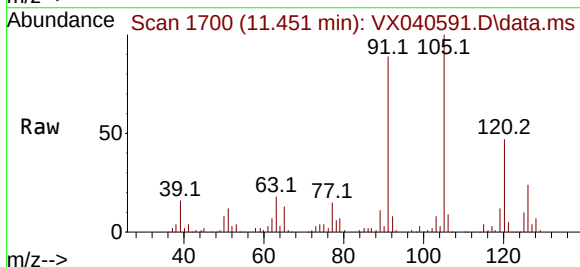
Manual Integrations
APPROVED

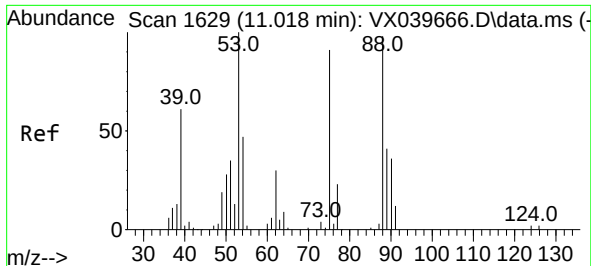
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

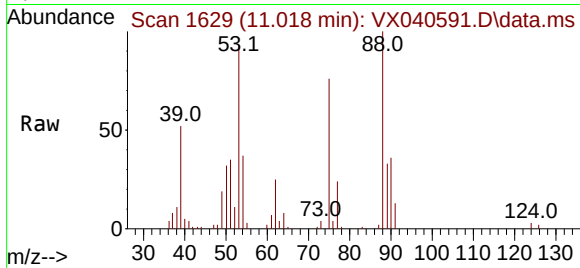
Tgt Ion:105 Resp: 83503
Ion Ratio Lower Upper
105 100
120 46.0 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.012 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

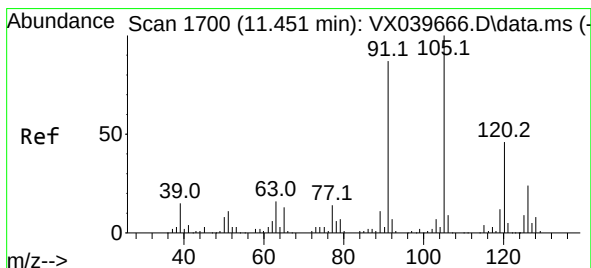
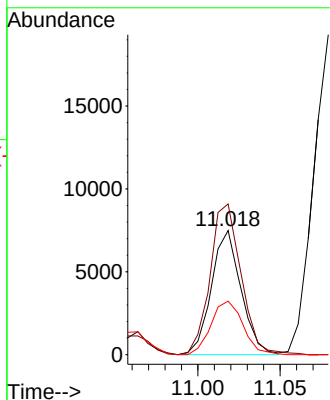
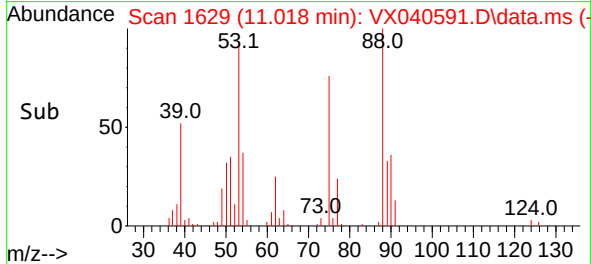
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 9400
Ion Ratio Lower Upper
75 100
53 121.4 46.9 140.8
89 43.1 21.3 63.7

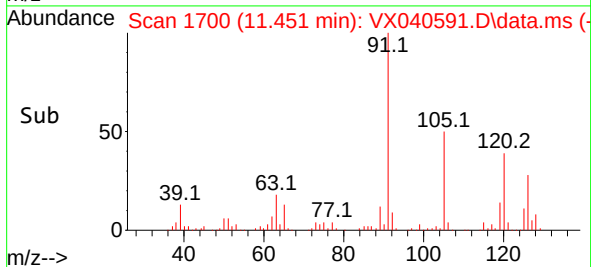
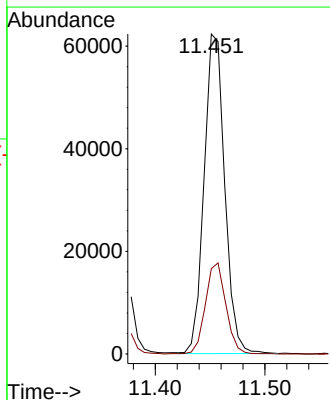
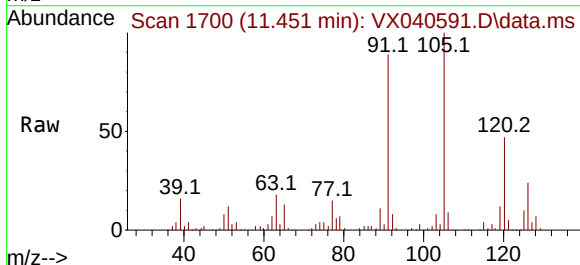
Manual Integrations
APPROVED

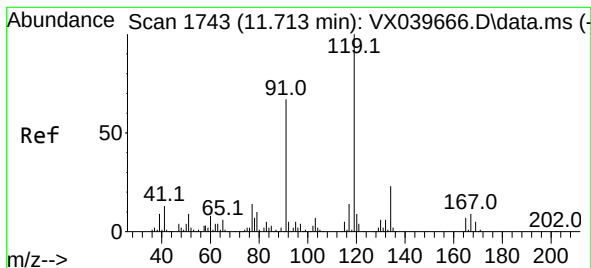
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
4-Chlorotoluene
Concen: 18.450 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

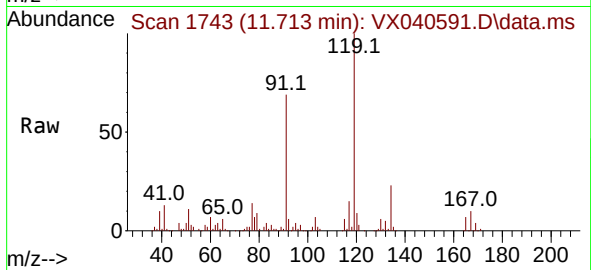
Tgt Ion: 91 Resp: 81360
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.4





#79
tert-butylbenzene
Concen: 19.094 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

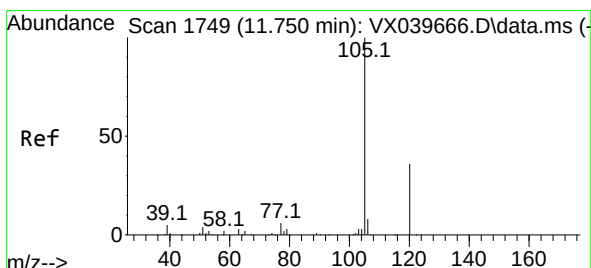
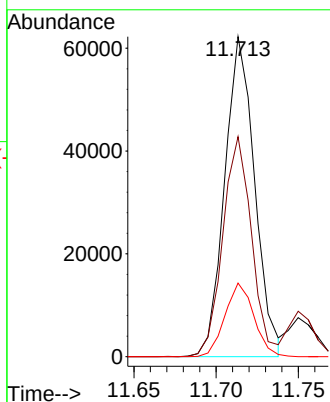
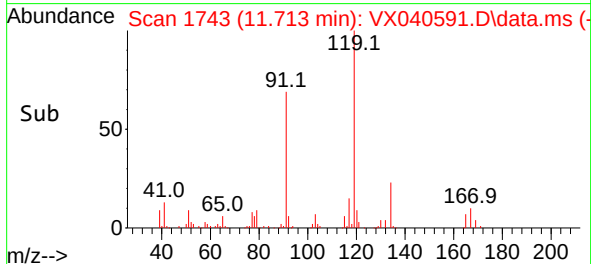
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 79134
Ion Ratio Lower Upper
119 100
91 66.3 0.0 125.6
134 22.2 0.0 43.8

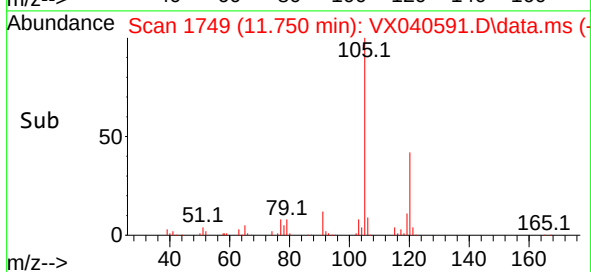
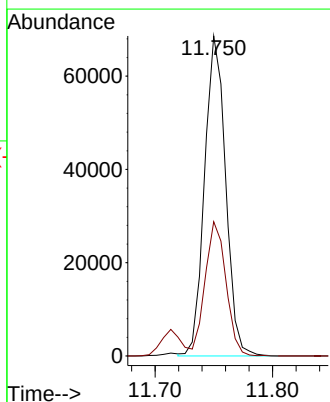
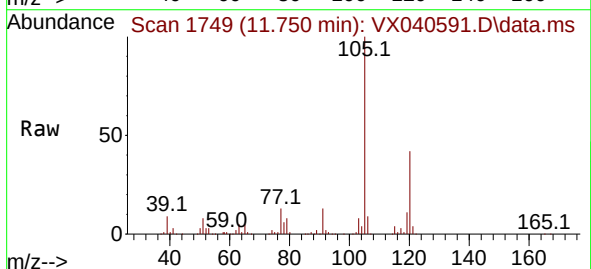
Manual Integrations
APPROVED

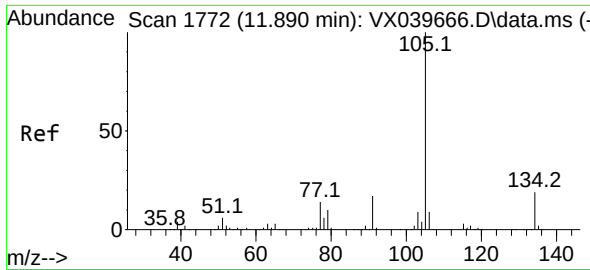
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.553 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

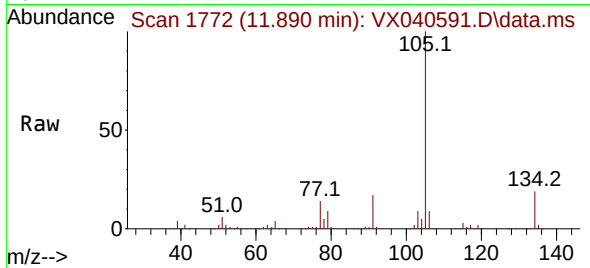
Tgt Ion:105 Resp: 85544
Ion Ratio Lower Upper
105 100
120 41.4 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.021 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040591.D
 Acq: 05 Mar 2024 16:24

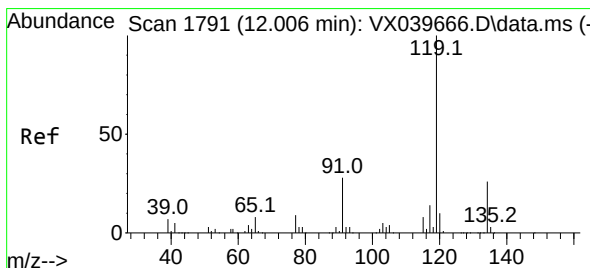
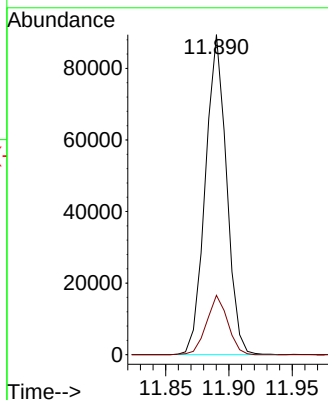
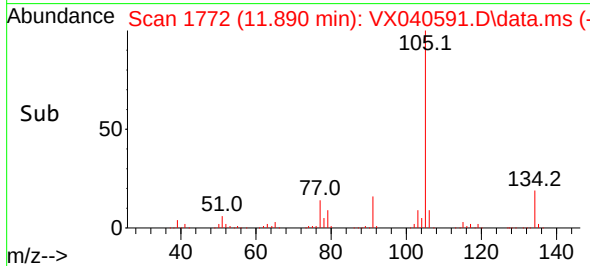
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



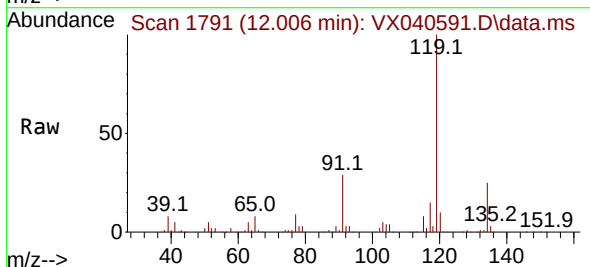
Tgt Ion:105 Resp: 104084
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 38.4

Manual Integrations
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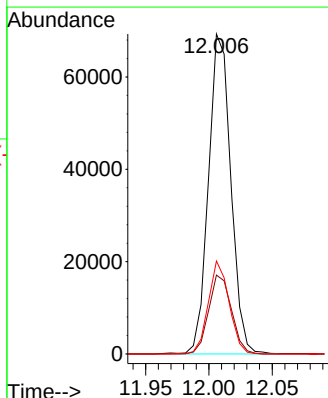
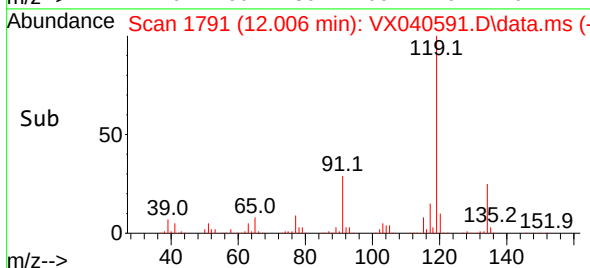
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

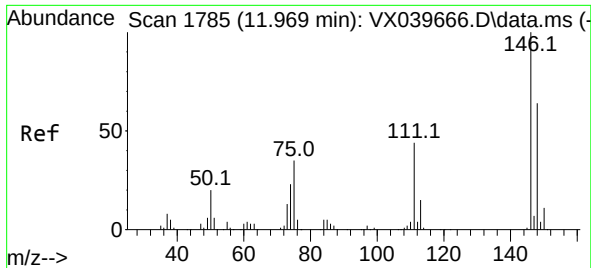


#82
 p-Isopropyltoluene
 Concen: 19.012 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040591.D
 Acq: 05 Mar 2024 16:24



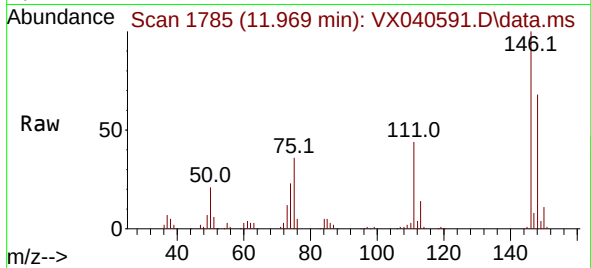
Tgt Ion:119 Resp: 85154
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.6
 91 27.0 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 18.969 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

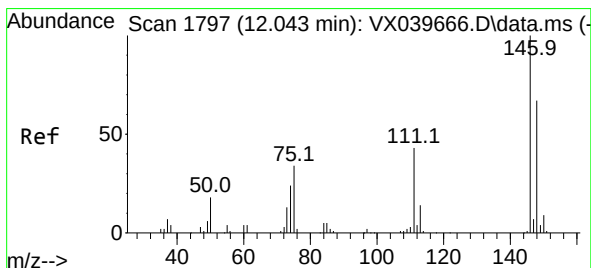
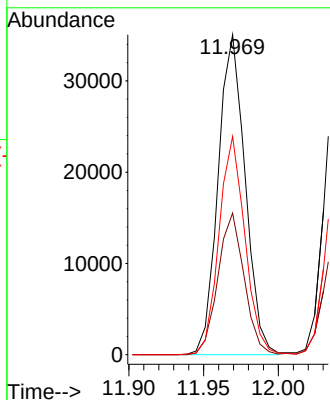
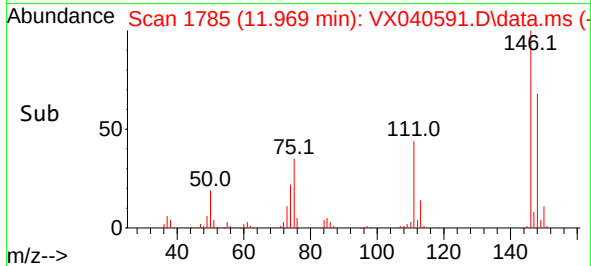
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



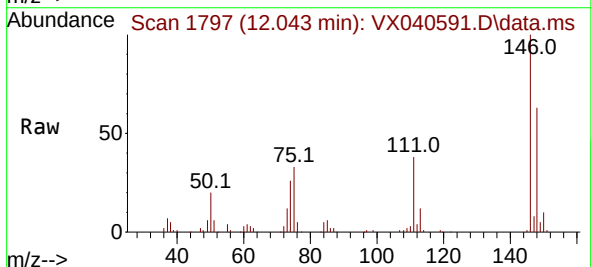
Tgt Ion:146 Resp: 44072
Ion Ratio Lower Upper
146 100
111 43.1 22.3 66.9
148 64.9 32.8 98.3

Manual Integrations
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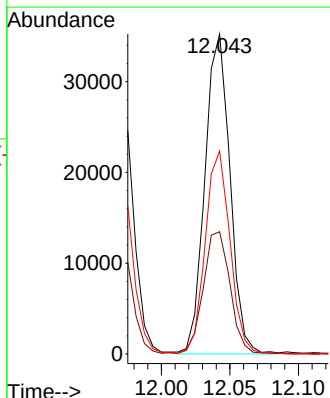
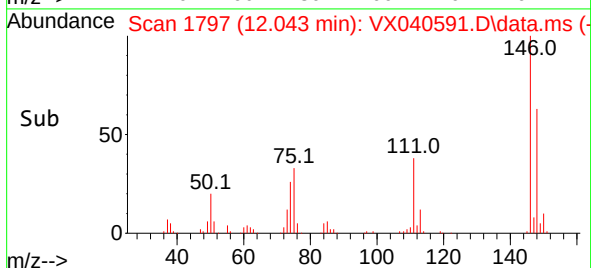
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

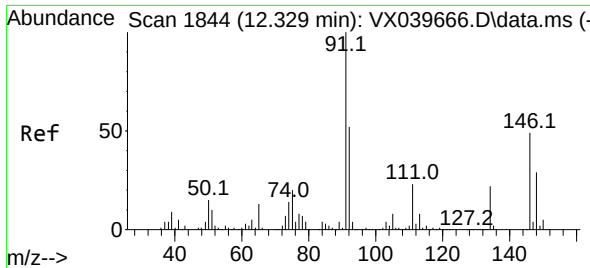


#84
1,4-Dichlorobenzene
Concen: 18.919 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24



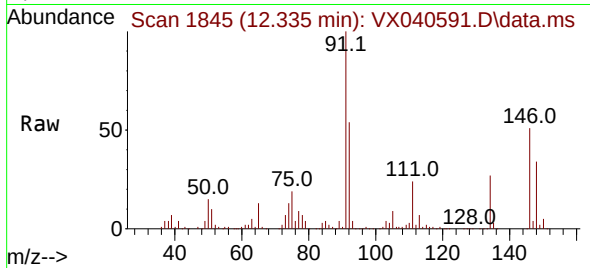
Tgt Ion:146 Resp: 44949
Ion Ratio Lower Upper
146 100
111 40.1 21.4 64.2
148 62.6 31.8 95.4





#85
n-Butylbenzene
Concen: 18.513 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

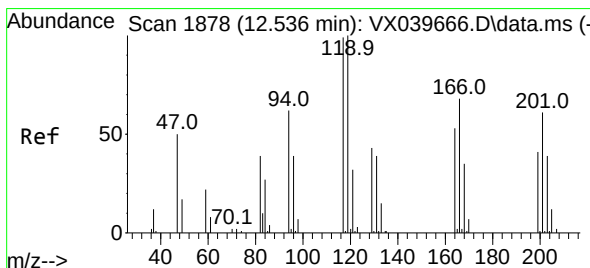
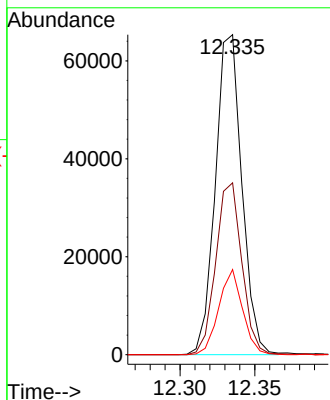
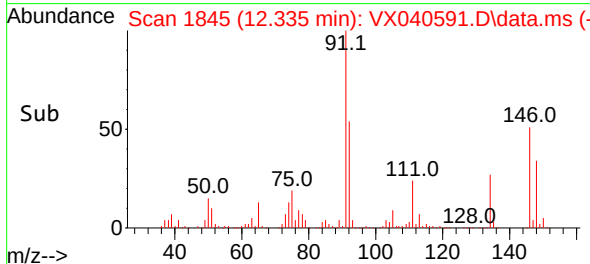
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 80680
Ion Ratio Lower Upper
91 100
92 52.7 0.0 106.2
134 23.9 0.0 48.8

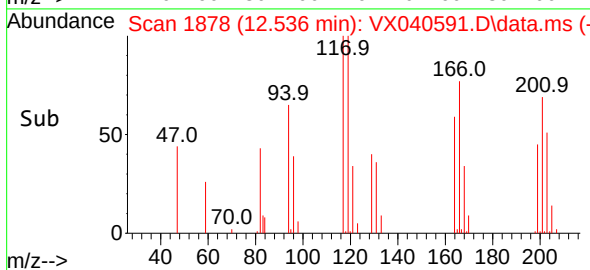
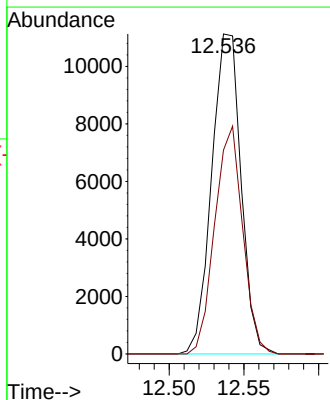
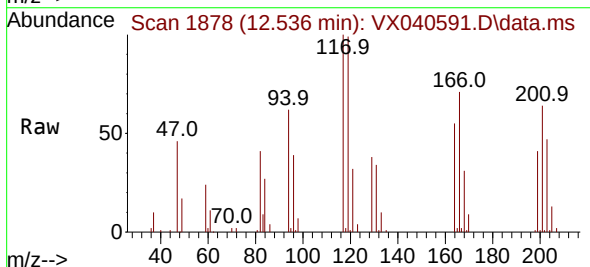
Manual Integrations
APPROVED

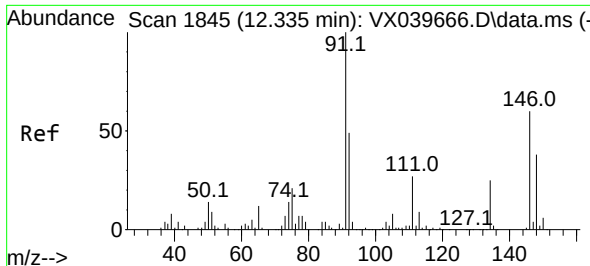
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#86
Hexachloroethane
Concen: 19.429 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

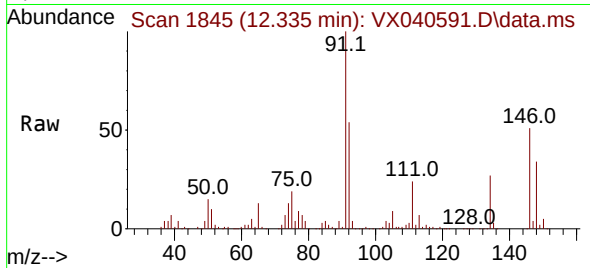
Tgt Ion:117 Resp: 15184
Ion Ratio Lower Upper
117 100
201 67.8 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 18.755 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

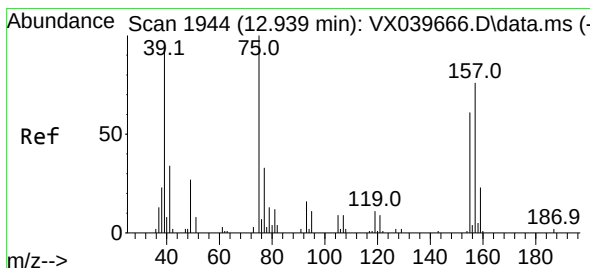
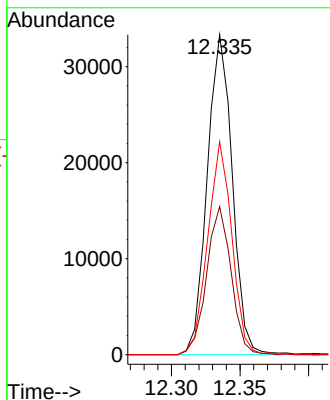
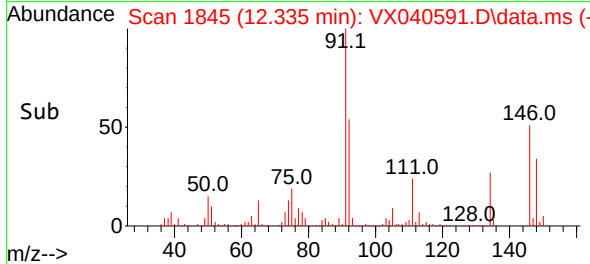
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



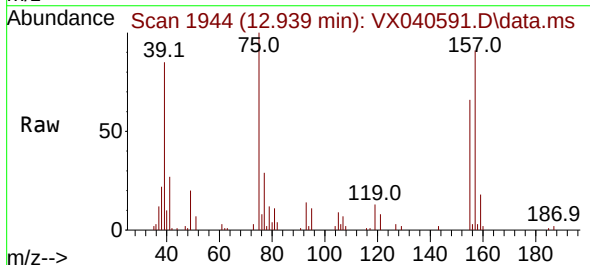
Tgt Ion:146 Resp: 42344
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.2
148 64.4 31.9 95.7

Manual Integrations
APPROVED

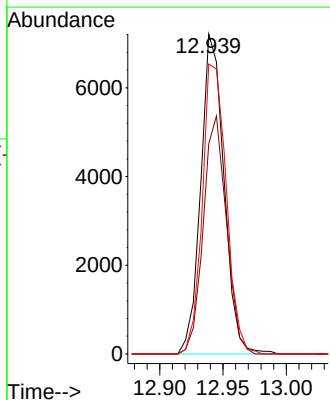
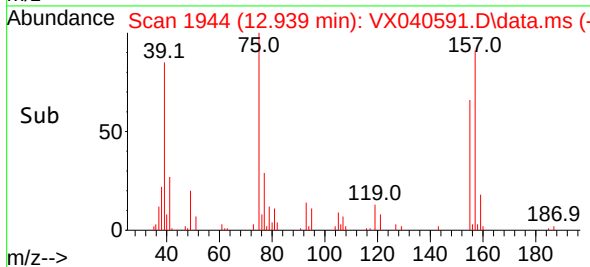
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

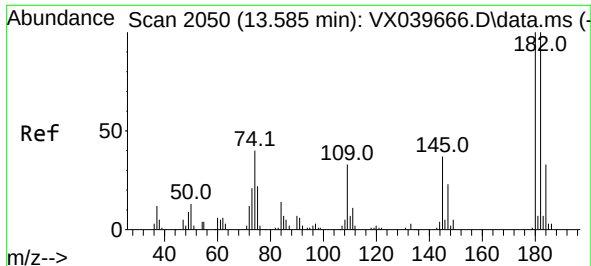


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.512 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24



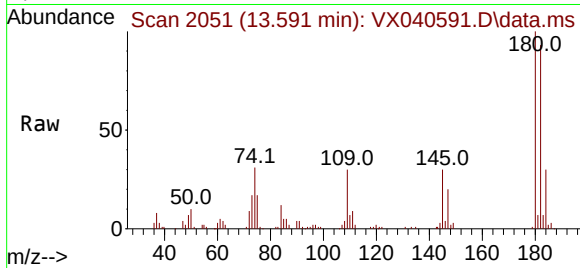
Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
155 74.1 58.2 87.4
157 93.5 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 20.086 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

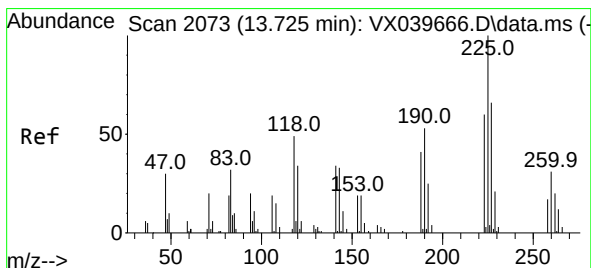
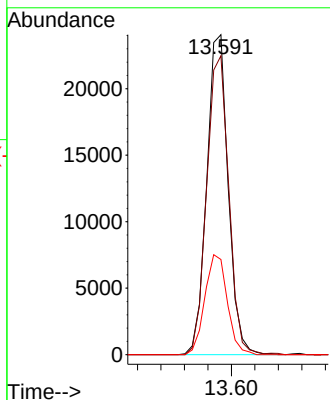
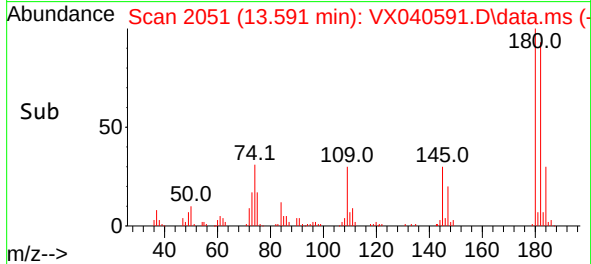
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 30534
Ion Ratio Lower Upper
180 100
182 95.8 74.5 111.7
145 32.7 26.6 40.0

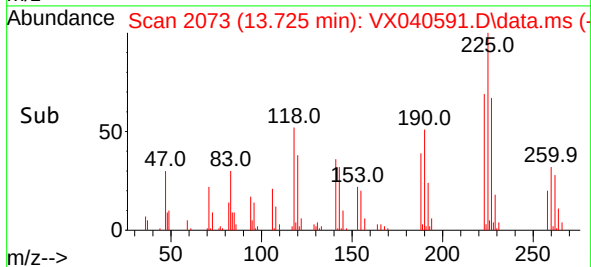
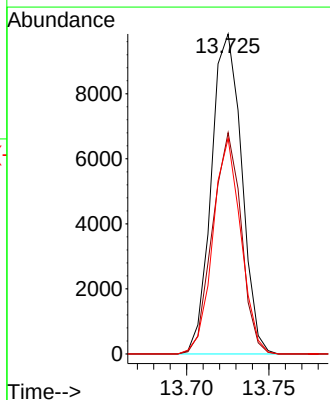
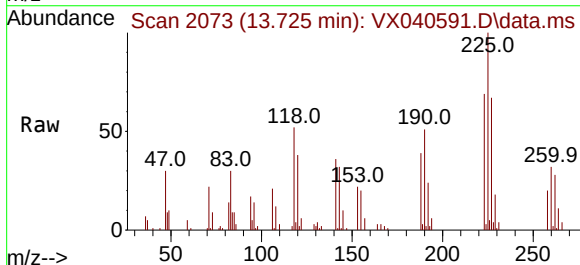
Manual Integrations
APPROVED

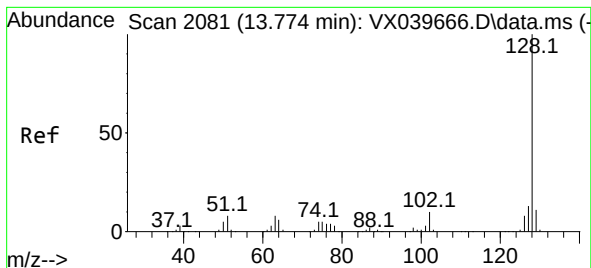
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#90
Hexachlorobutadiene
Concen: 20.499 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

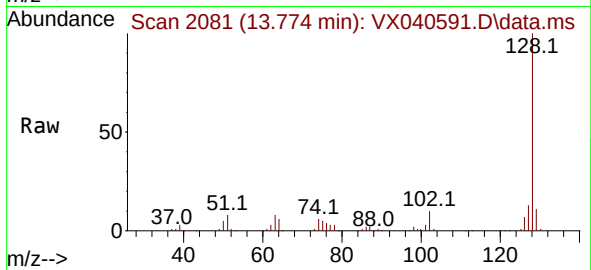
Tgt Ion:225 Resp: 12600
Ion Ratio Lower Upper
225 100
223 65.3 0.0 124.4
227 62.2 0.0 124.4





#91
Naphthalene
Concen: 19.676 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24

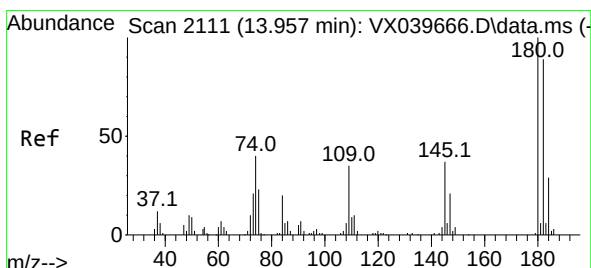
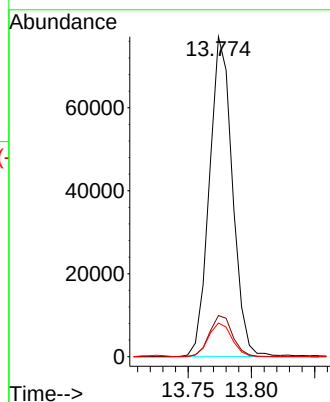
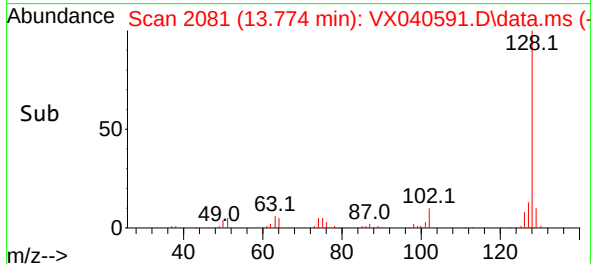
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



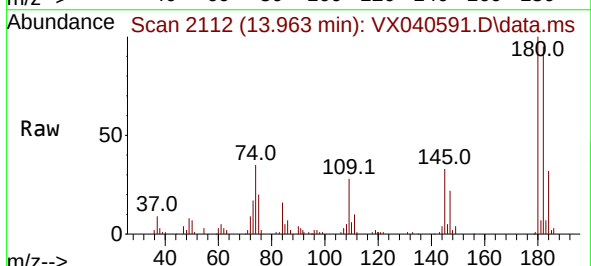
Tgt Ion:128 Resp: 97568
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.828 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040591.D
Acq: 05 Mar 2024 16:24



Tgt Ion:180 Resp: 31220
Ion Ratio Lower Upper
180 100
182 92.1 0.0 191.6
145 32.8 0.0 69.6

