

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042391.D
 Acq On : 19 Jul 2024 09:46
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 10:47:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 10:46:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	30718	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	173832	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	157239	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64834	30.660	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.200%			
60) 4-Bromofluorobenzene	11.079	95	71787	29.494	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.300%			
63) Toluene-d8	8.647	98	209739	31.178	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33948	17.073	ug/l	98
3) Chloromethane	1.294	50	34576	15.555	ug/l	97
4) Vinyl Chloride	1.374	62	35089	16.142	ug/l	98
5) Bromomethane	1.599	94	16974	14.608	ug/l	97
6) Chloroethane	1.666	64	15656	16.858	ug/l	100
7) Trichlorofluoromethane	1.867	101	46251	16.895	ug/l	97
8) Diethyl Ether	2.136	74	18963	16.006	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	33850	18.189	ug/l	97
10) 1,1-Dichloroethene	2.306	96	32609	17.370	ug/l	95
11) Methyl Iodide	2.447	142	34824	14.252	ug/l	98
12) Methyl Acetate	2.709	43	58974	24.640	ug/l	99
13) Acrolein	2.239	56	32700	67.758	ug/l	99
14) Acrylonitrile	3.068	53	104317	91.828	ug/l	99
15) Acetone	2.386	58	31495	96.915	ug/l	99
16) Carbon Disulfide	2.501	76	58730	14.275	ug/l	99
17) Allyl chloride	2.660	41	54773	19.211	ug/l	97
18) Methylene Chloride	2.788	84	38728	17.985	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	32931	17.511	ug/l	98
20) Diisopropyl ether	3.763	45	112974	19.278	ug/l	94
21) 1,1-Dichloroethane	3.605	63	63911	19.092	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	42282	18.573	ug/l	97
23) tert-Butyl Alcohol	2.995	59	41951	99.327	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	111255	19.158	ug/l	100
25) Chloroform	5.086	83	65552	19.269	ug/l	98
26) Cyclohexane	5.464	56	51017	17.547	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	42043	18.531	ug/l	97
30) 2-Butanone	4.562	43	143297	94.526	ug/l	100
31) 2,2-Dichloropropane	4.471	77	49115	19.757	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	55015	19.129	ug/l	99
33) Carbon Tetrachloride	5.672	117	47283	19.063	ug/l	98
34) Benzene	6.037	78	142863	18.902	ug/l	99
35) Methacrylonitrile	4.928	41	28491	18.711	ug/l	97
36) 1,2-Dichloroethane	6.086	62	46747	19.854	ug/l	98
37) Trichloroethene	7.123	130	37189	18.014	ug/l	93
38) Methylcyclohexane	7.379	83	53266	17.725	ug/l	99
39) 1,2-Dichloropropane	7.427	63	34248	19.023	ug/l	95
40) Dibromomethane	7.580	93	24971	18.750	ug/l	99
41) Bromodichloromethane	7.824	83	45540	19.087	ug/l	99
42) Vinyl Acetate	3.721	43	462754	91.197	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	51964	18.282	ug/l	98
44) Isopropyl Acetate	6.342	43	79276	18.621	ug/l	99
45) 1,4-Dioxane	7.665	88	18678	359.925	ug/l	95
46) Methyl methacrylate	7.696	41	38783	18.632	ug/l	99
47) n-amyl Acetate	10.841	43	65409	17.119	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	44010	17.915	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	50851	18.454	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	37147	19.182	ug/l	97
51) Ethyl methacrylate	9.116	69	54790	17.810	ug/l	100
52) 1,3-Dichloropropane	9.305	76	60514	19.115	ug/l	98
53) Dibromochloromethane	9.519	129	38278	18.062	ug/l	100
54) 1,2-Dibromoethane	9.610	107	38239	18.725	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	132720	92.689	ug/l	99
56) Bromoform	10.799	173	29265	16.935	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	272473	96.704	ug/l	99
59) 2-Hexanone	9.433	43	208708	95.970	ug/l	100
61) Tetrachloroethene	9.275	164	36952	18.676	ug/l	98
62) Toluene	8.714	91	153310	19.268	ug/l	99
64) Chlorobenzene	10.079	112	100324	18.516	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	35920	19.195	ug/l	99
66) Ethyl Benzene	10.195	91	161672	18.585	ug/l	100
67) m/p-Xylenes	10.299	106	129760	37.084	ug/l	100
68) o-Xylene	10.640	106	64316	18.436	ug/l	99
69) Styrene	10.659	104	106642	18.293	ug/l	99
70) Isopropylbenzene	10.963	105	164847	18.794	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	57496	18.940	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	45444m	18.482	ug/l	
73) Bromobenzene	11.195	156	46717	18.259	ug/l	99
74) n-propylbenzene	11.305	91	176896	18.359	ug/l	99
75) 2-Chlorotoluene	11.366	91	113862	18.609	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	136135	18.526	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14709	16.171	ug/l	95
78) 4-Chlorotoluene	11.451	91	125257	18.428	ug/l	98
79) tert-butylbenzene	11.713	119	144683	18.549	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	135598	18.470	ug/l	98
81) sec-Butylbenzene	11.890	105	170451	18.735	ug/l	100
82) p-Isopropyltoluene	12.006	119	144662	18.145	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	81756	17.921	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	79916	17.599	ug/l	98
85) n-Butylbenzene	12.335	91	108677	17.628	ug/l	99
86) Hexachloroethane	12.536	117	23406	17.977	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	83405	18.078	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11043	17.587	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	52763	16.895	ug/l	99
90) Hexachlorobutadiene	13.725	225	27107	17.614	ug/l	99
91) Naphthalene	13.774	128	163648	17.342	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	55626	17.198	ug/l	98

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

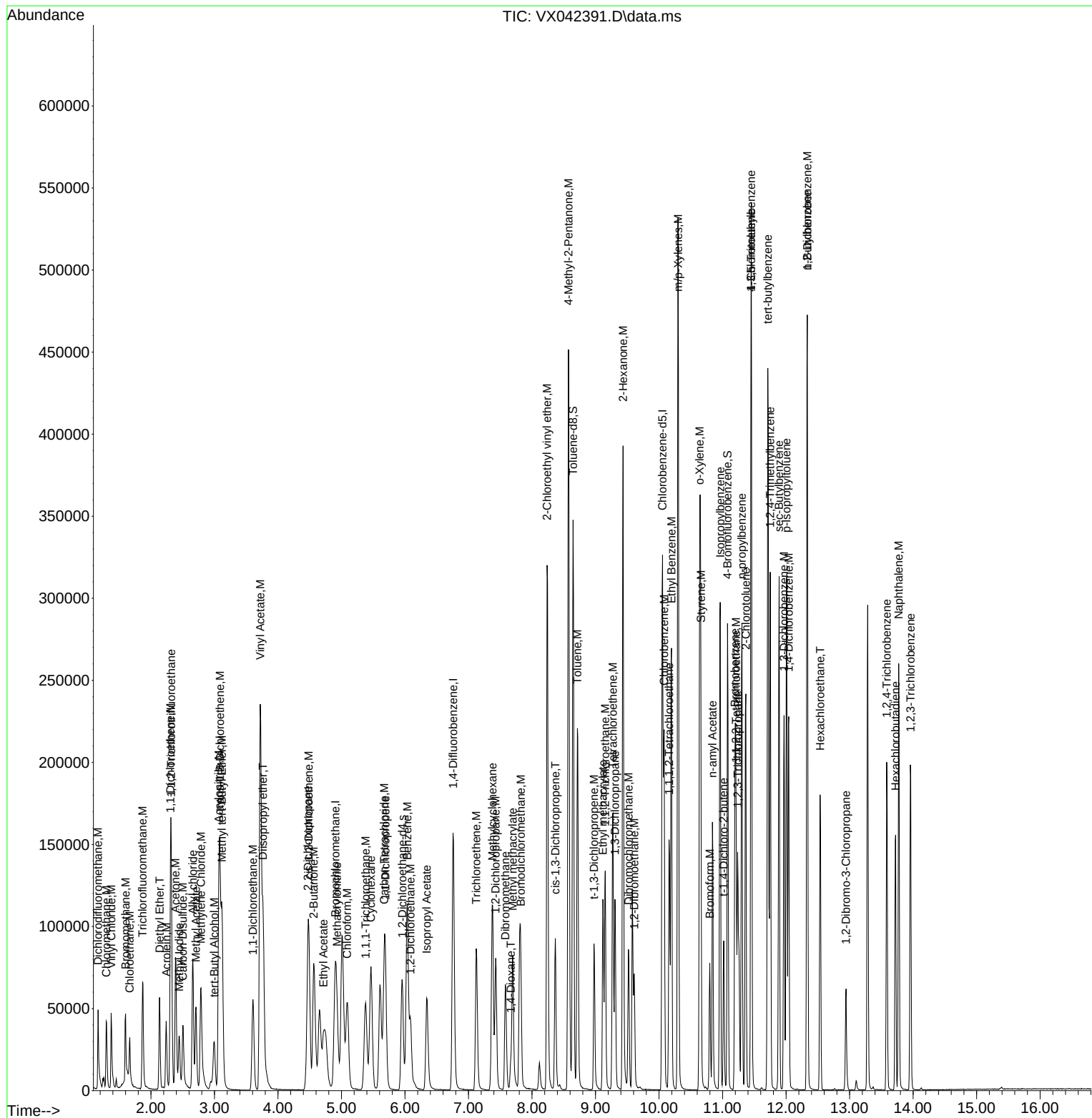
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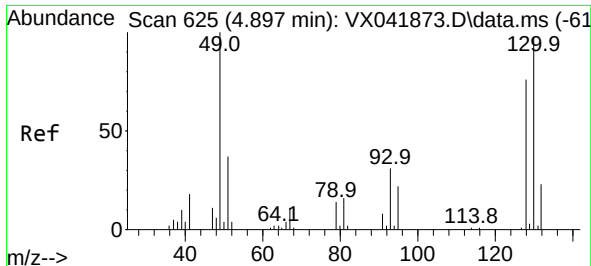
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

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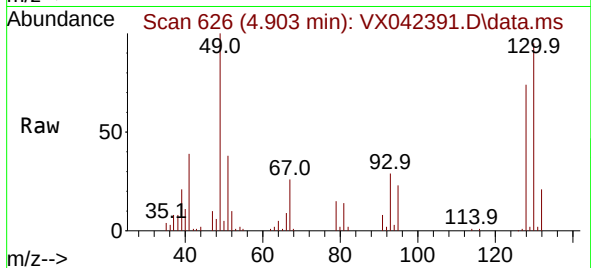
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

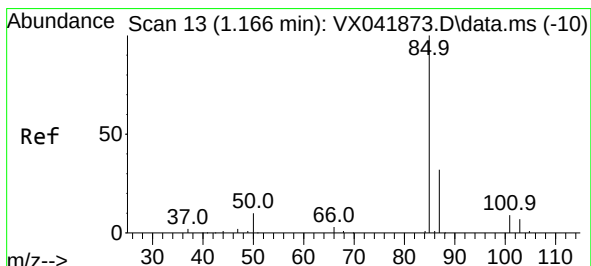
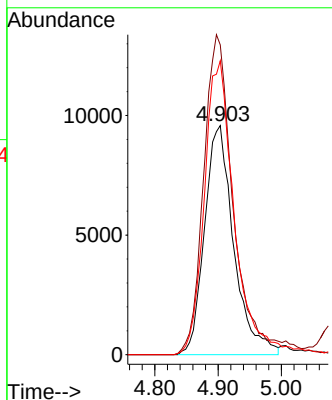
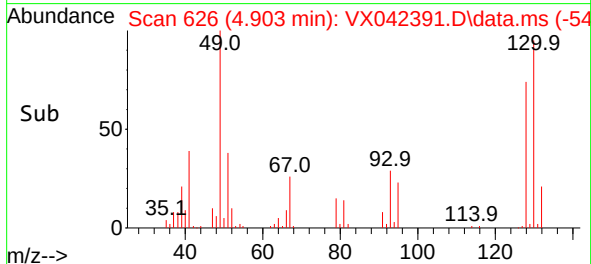
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 30718
Ion Ratio Lower Upper
128 100
49 138.1 0.0 338.5
130 129.6 0.0 324.5

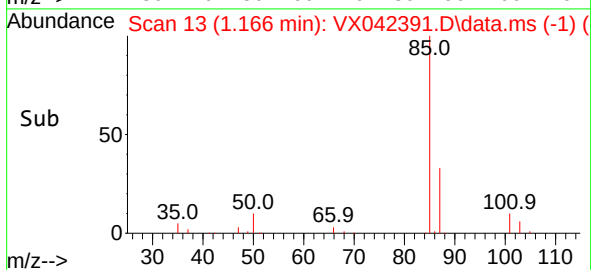
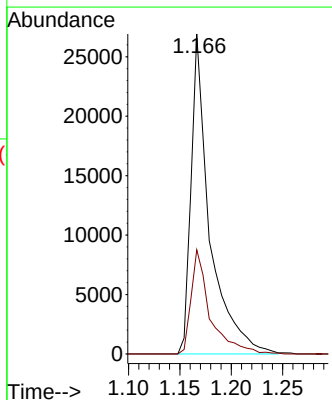
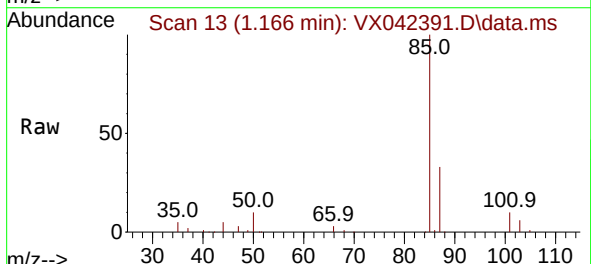
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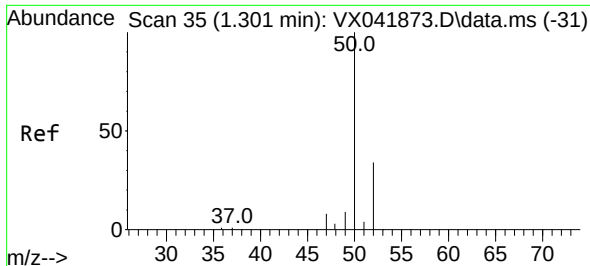
Reviewed By :John Carlone 07/19/2024
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#2
Dichlorodifluoromethane
Concen: 17.073 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion: 85 Resp: 33948
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.3





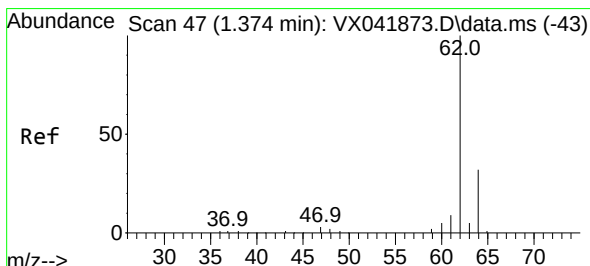
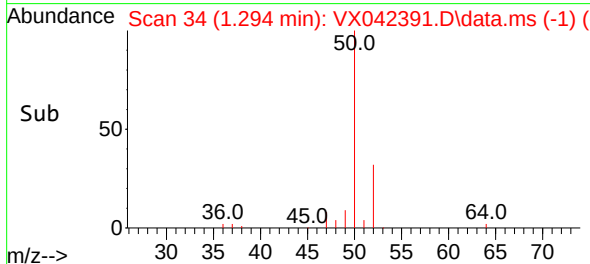
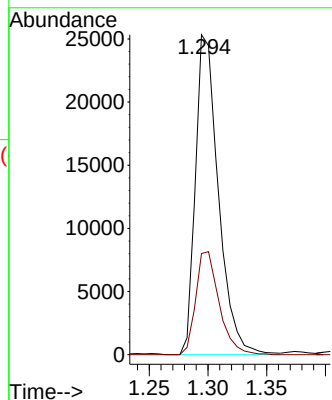
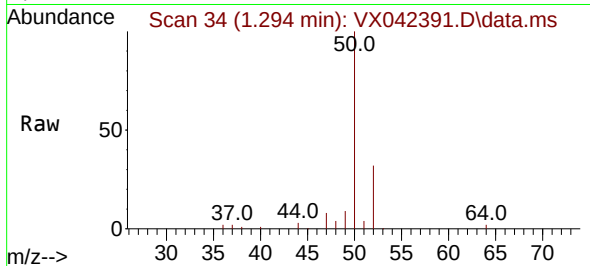
#3
Chloromethane
Concen: 15.555 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

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ClientSampleId :
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Tgt Ion: 50 Resp: 34570
Ion Ratio Lower Upper
50 100
52 31.6 26.9 40.3

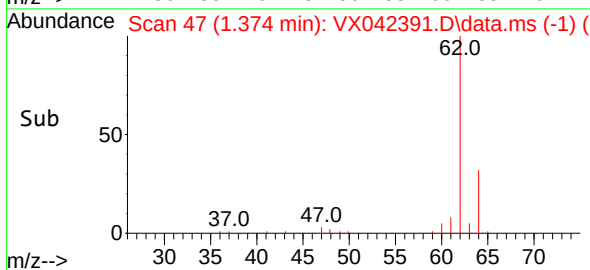
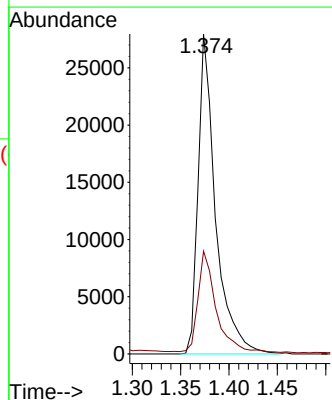
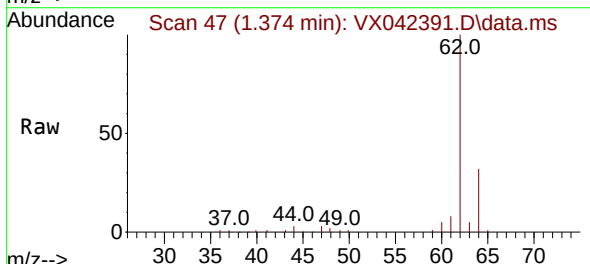
Manual Integrations
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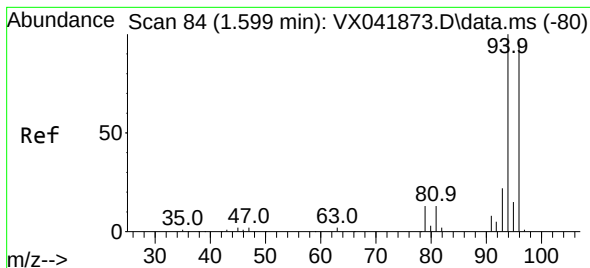
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 16.142 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion: 62 Resp: 35089
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5

Bromomethane

Concen: 14.608 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042391.D

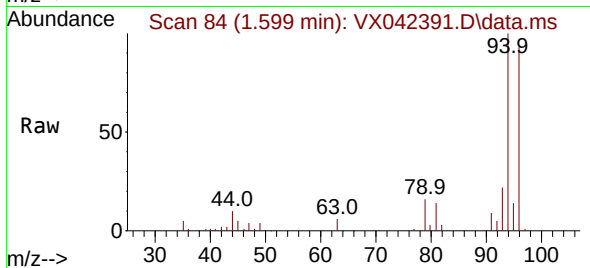
Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020



Tgt Ion: 94 Resp: 16974

Ion Ratio Lower Upper

94 100

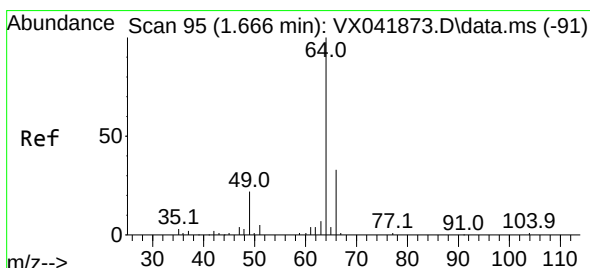
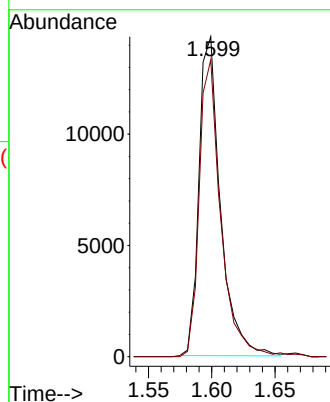
96 93.1 76.6 115.0

Manual Integrations

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Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#6

Chloroethane

Concen: 16.858 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX042391.D

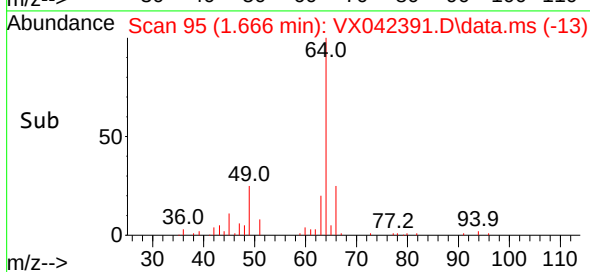
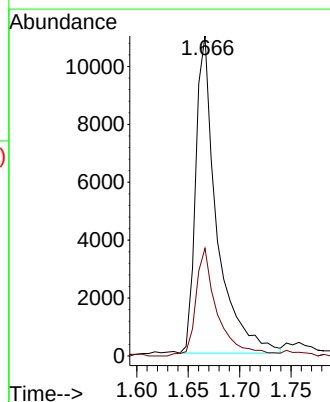
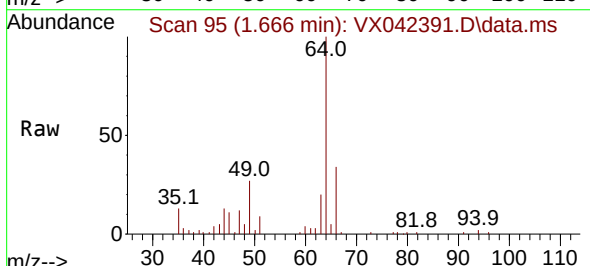
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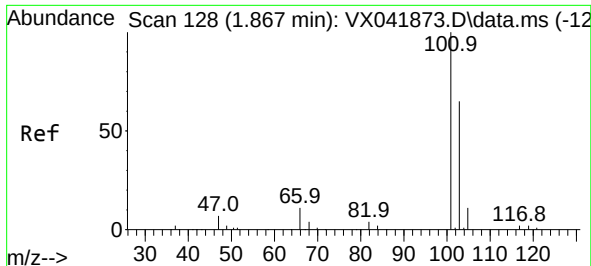
Tgt Ion: 64 Resp: 15656

Ion Ratio Lower Upper

64 100

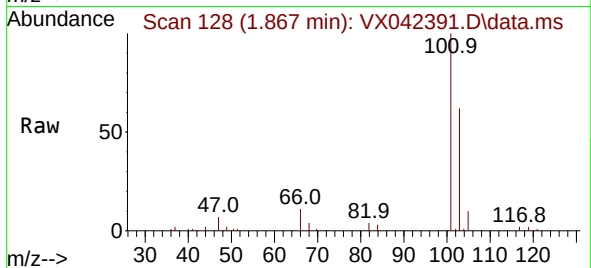
66 33.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 16.895 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042391.D
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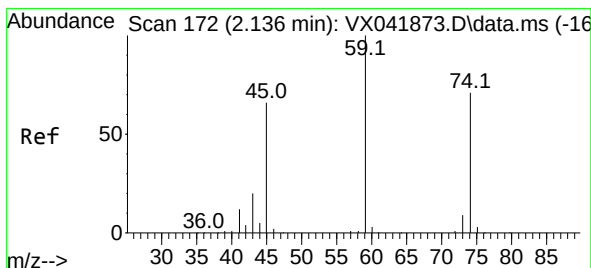
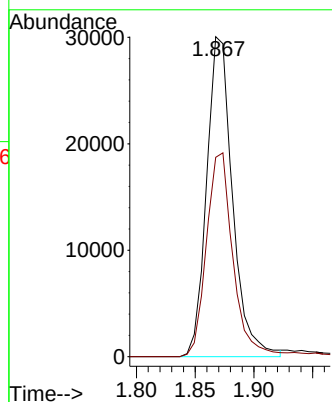
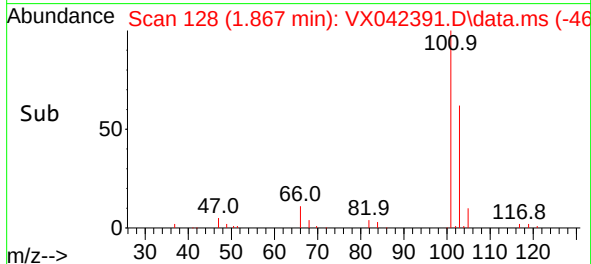
Instrument :
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Tgt Ion:101 Resp: 4625
Ion Ratio Lower Upper
101 100
103 62.3 51.8 77.8

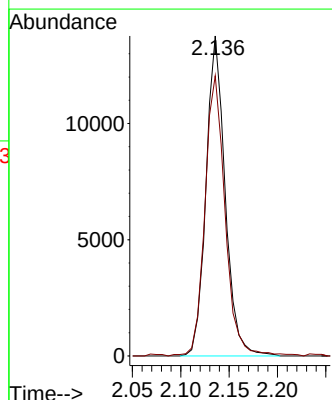
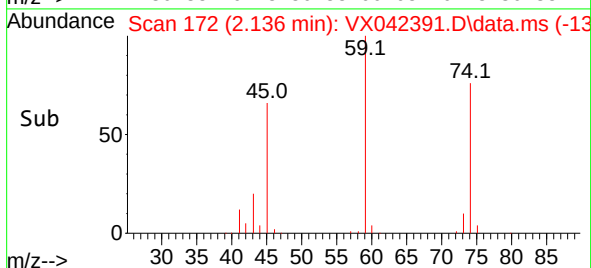
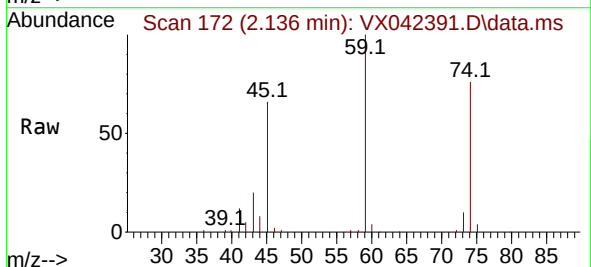
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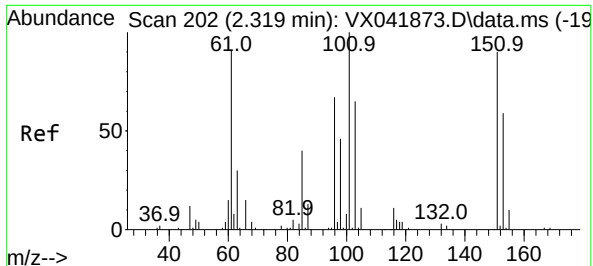
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#8
Diethyl Ether
Concen: 16.006 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion: 74 Resp: 18963
Ion Ratio Lower Upper
74 100
45 92.1 18.7 168.7





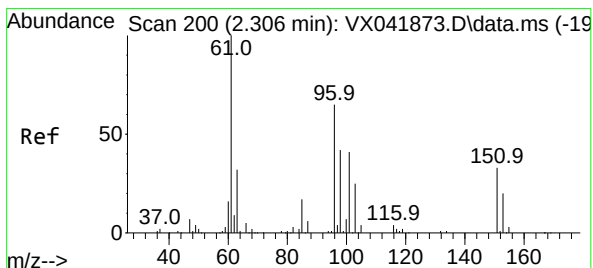
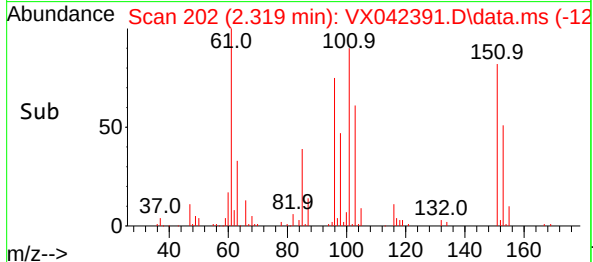
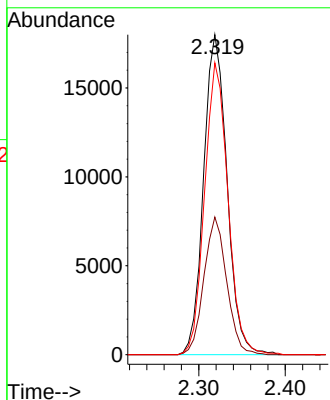
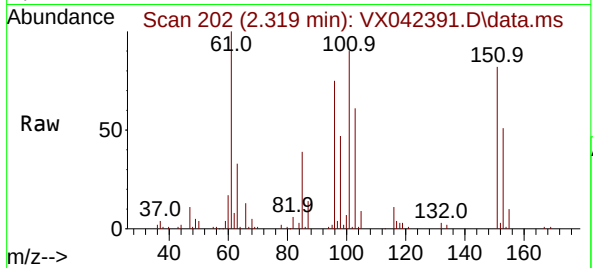
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.189 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX042391.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 33850
Ion Ratio Lower Upper
101 100
85 41.8 0.0 80.4
151 90.9 0.0 175.2

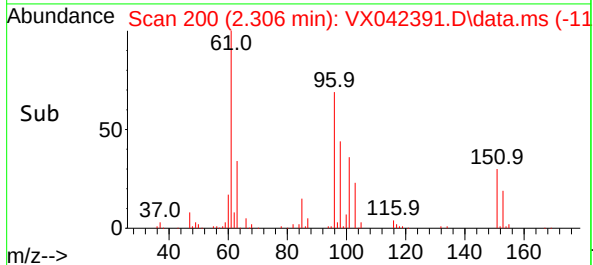
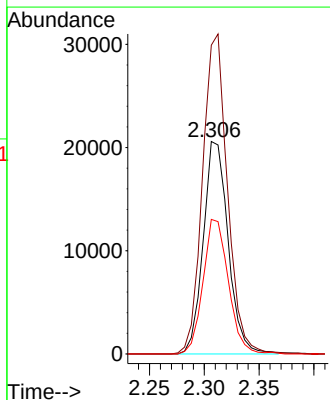
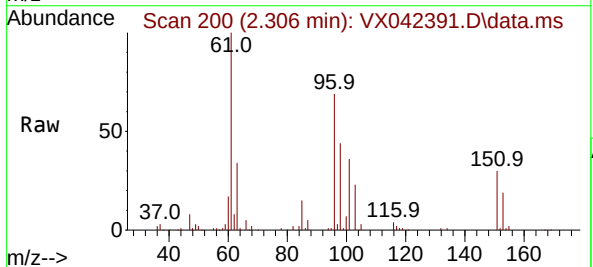
Manual Integrations
APPROVED

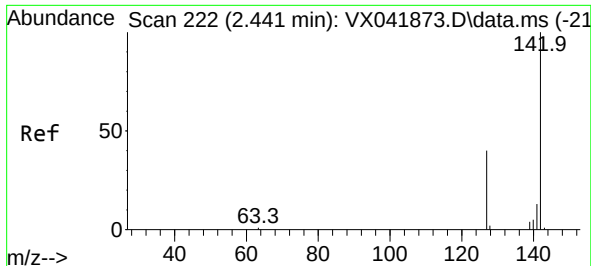
Reviewed By : John Carlone 07/19/2024
Supervised By : Mahesh Dadoda 07/22/2024



#10
1,1-Dichloroethene
Concen: 17.370 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

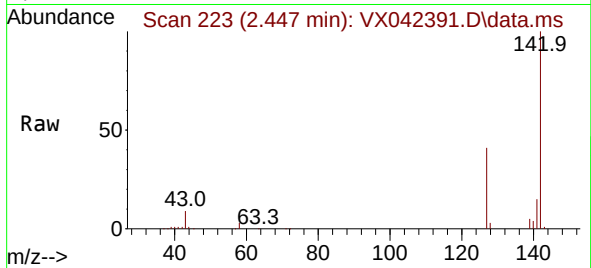
Tgt Ion: 96 Resp: 32609
Ion Ratio Lower Upper
96 100
61 144.8 122.3 183.5
98 63.3 51.5 77.3





#11
Methyl Iodide
Concen: 14.252 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

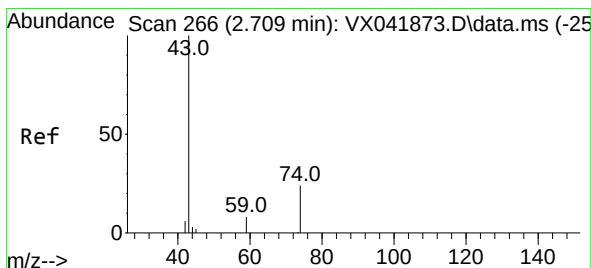
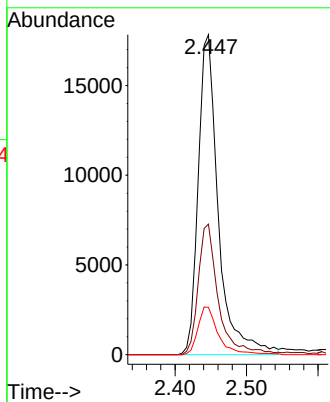
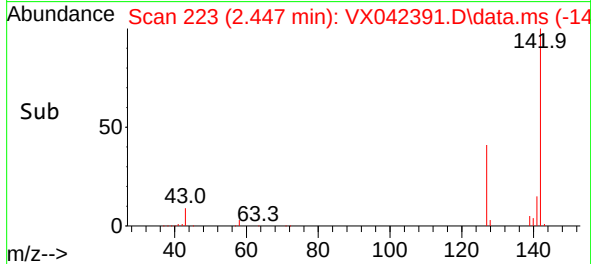
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 34824
Ion Ratio Lower Upper
142 100
127 40.8 19.8 59.3
141 14.8 6.7 20.1

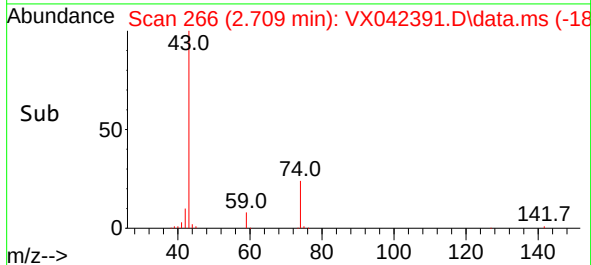
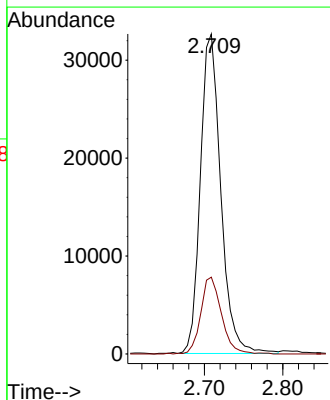
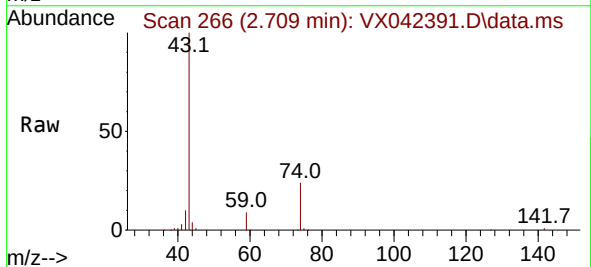
Manual Integrations
APPROVED

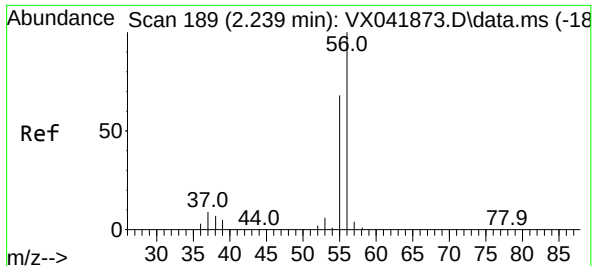
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#12
Methyl Acetate
Concen: 24.640 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

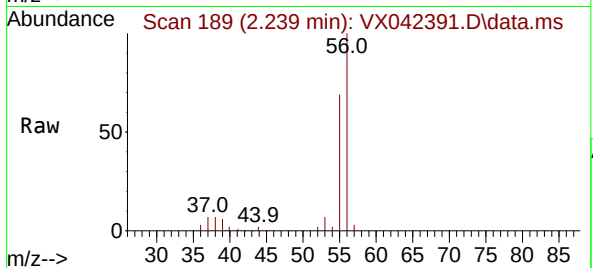
Tgt Ion: 43 Resp: 58974
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2





#13
Acrolein
Concen: 67.758 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

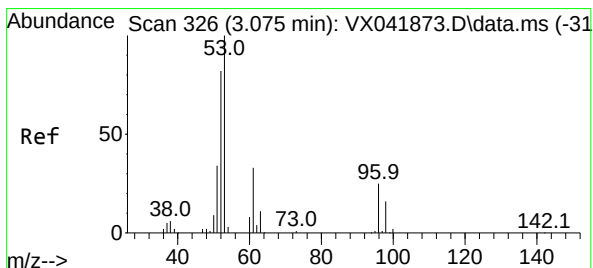
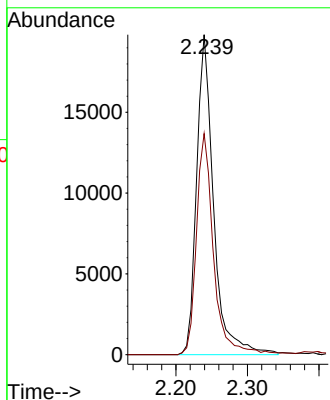
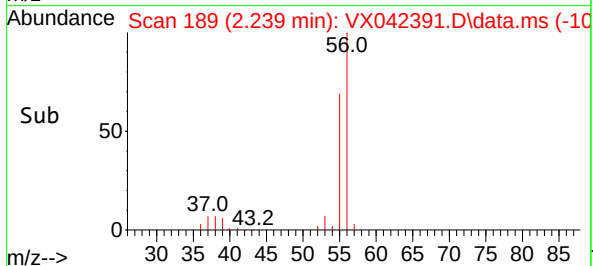
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



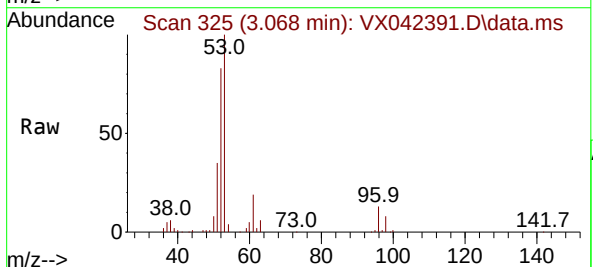
Tgt Ion: 56 Resp: 32700
Ion Ratio Lower Upper
56 100
55 68.8 55.4 83.0

Manual Integrations
APPROVED

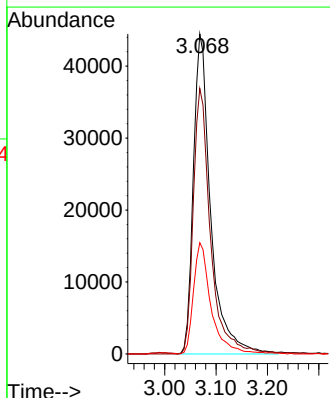
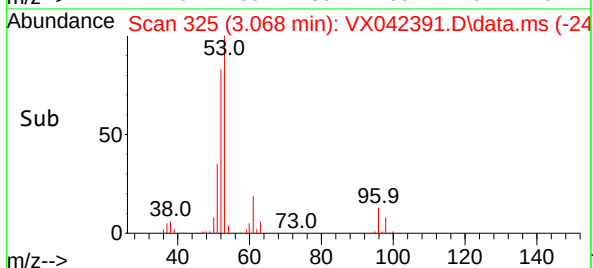
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

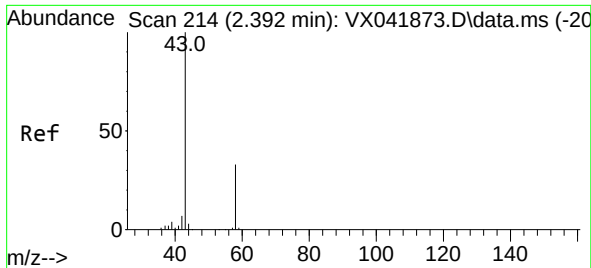


#14
Acrylonitrile
Concen: 91.828 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



Tgt Ion: 53 Resp: 104317
Ion Ratio Lower Upper
53 100
52 80.8 39.9 119.7
51 35.1 17.4 52.3





#15

Acetone

Concen: 96.915 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 3149

Ion Ratio Lower Upper

58 100

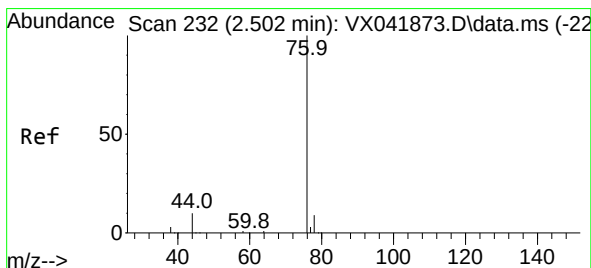
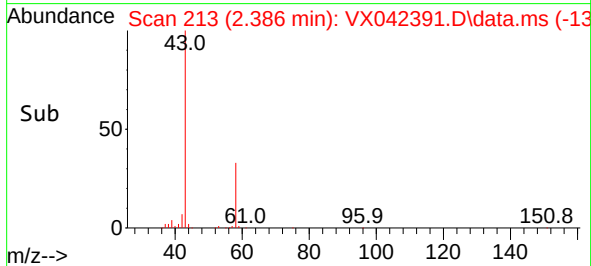
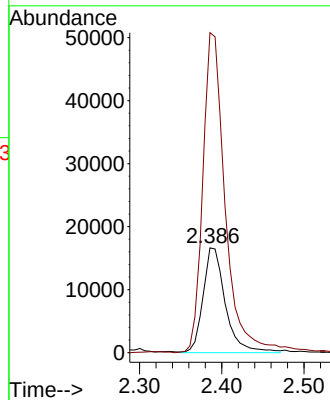
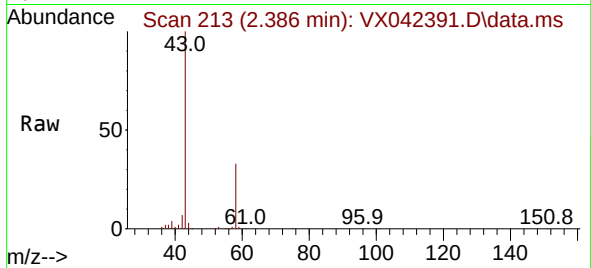
43 306.7 243.4 365.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#16

Carbon Disulfide

Concen: 14.275 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042391.D

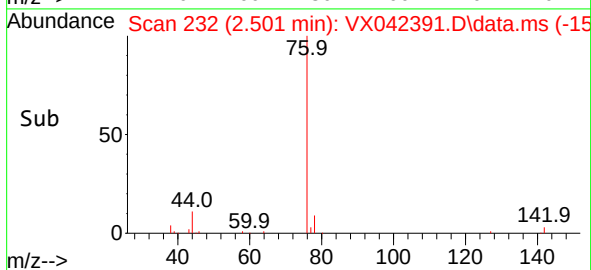
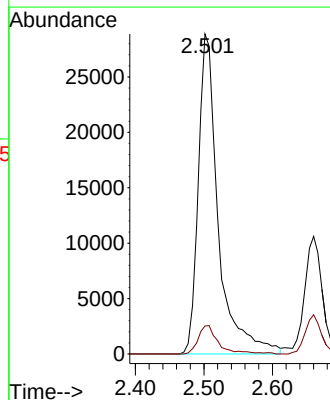
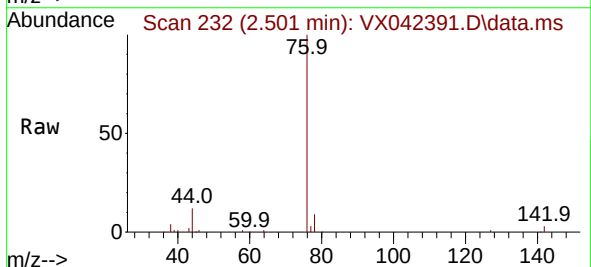
Acq: 19 Jul 2024 09:46

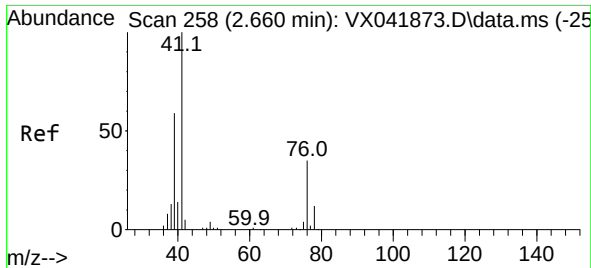
Tgt Ion: 76 Resp: 58730

Ion Ratio Lower Upper

76 100

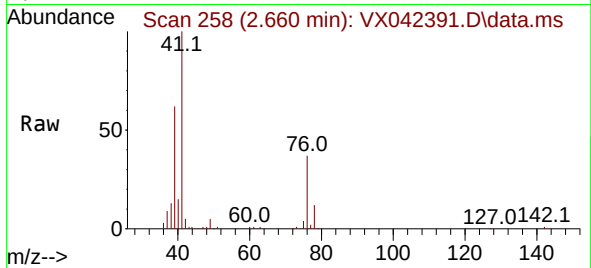
78 8.8 7.3 10.9





#17
 Allyl chloride
 Concen: 19.211 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042391.D
 Acq: 19 Jul 2024 09:46

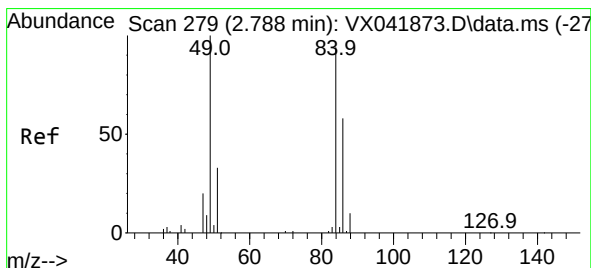
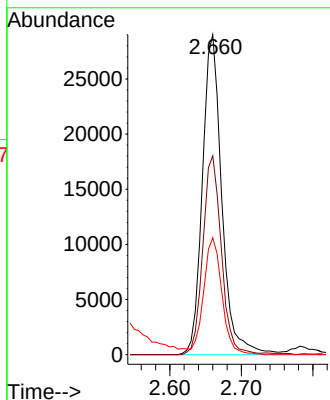
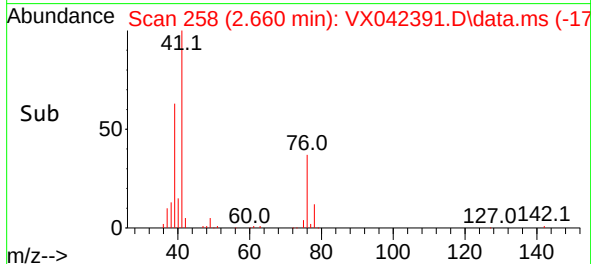
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 5477
 Ion Ratio Lower Upper
 41 100
 39 62.1 29.6 88.8
 76 36.6 18.1 54.4

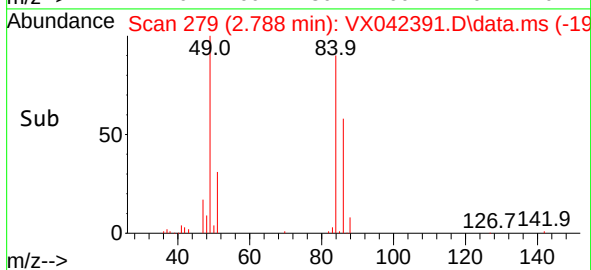
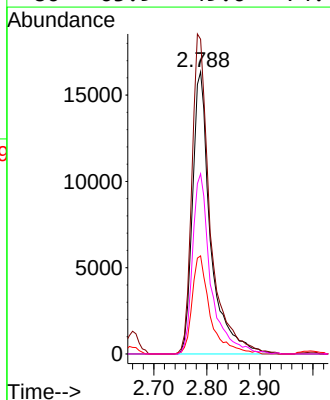
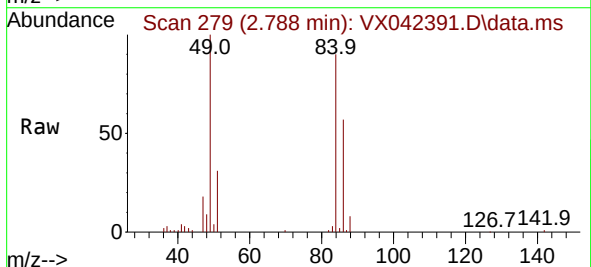
Manual Integrations
 APPROVED

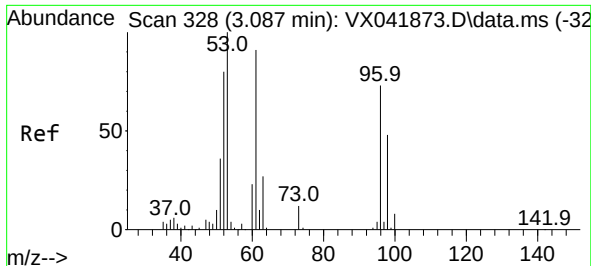
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#18
 Methylene Chloride
 Concen: 17.985 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042391.D
 Acq: 19 Jul 2024 09:46

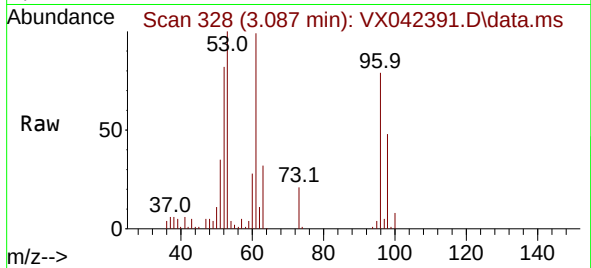
Tgt Ion: 84 Resp: 38728
 Ion Ratio Lower Upper
 84 100
 49 111.2 85.3 127.9
 51 34.8 28.5 42.7
 86 63.9 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 17.511 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

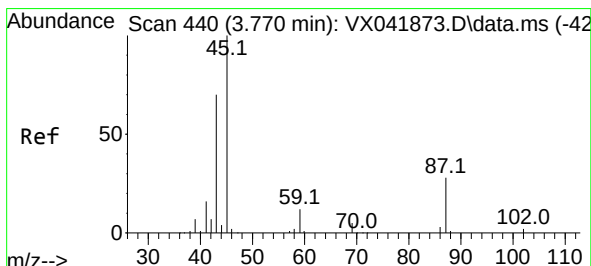
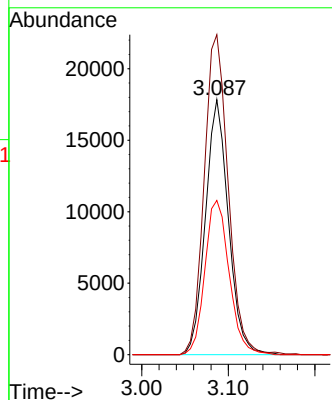
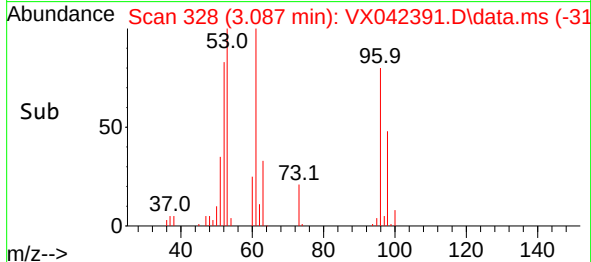
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



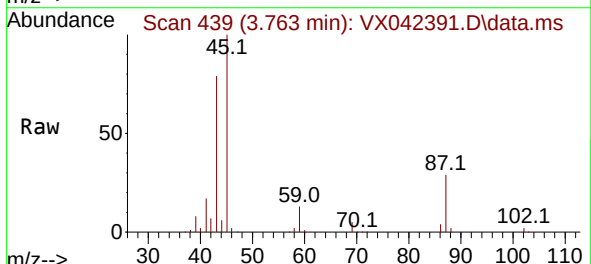
Tgt Ion: 96 Resp: 3293
Ion Ratio Lower Upper
96 100
61 125.5 100.1 150.1
98 60.5 52.1 78.1

Manual Integrations
APPROVED

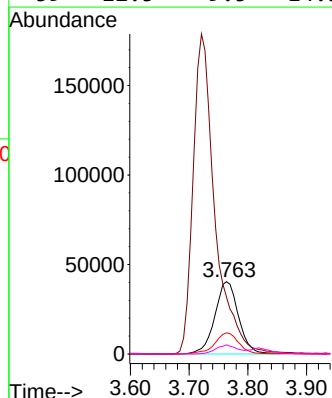
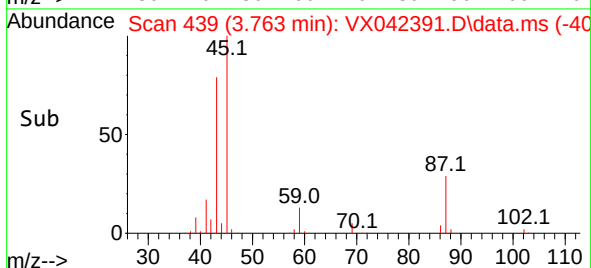
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

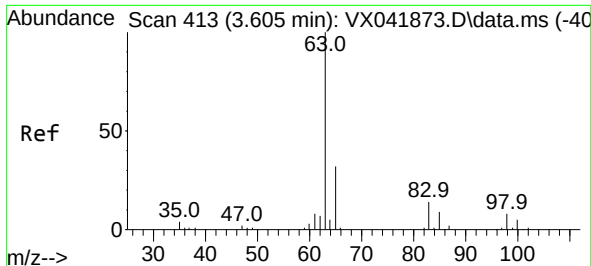


#20
Diisopropyl ether
Concen: 19.278 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



Tgt Ion: 45 Resp: 112974
Ion Ratio Lower Upper
45 100
43 76.5 55.8 83.8
87 29.2 22.6 34.0
59 12.5 9.5 14.3





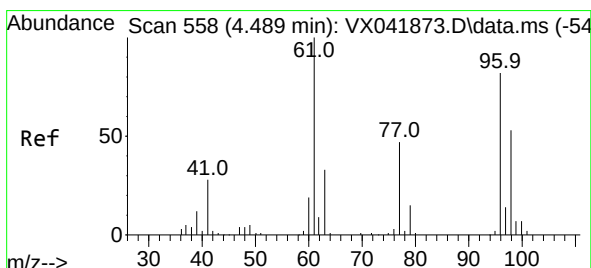
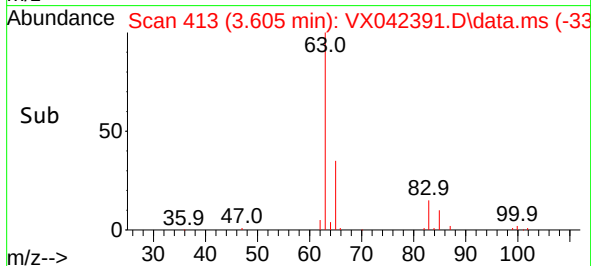
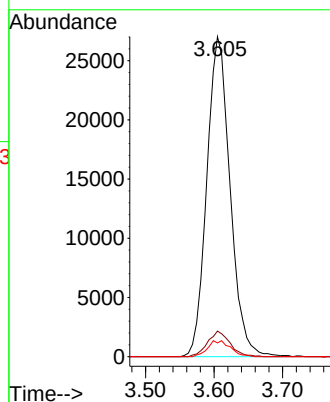
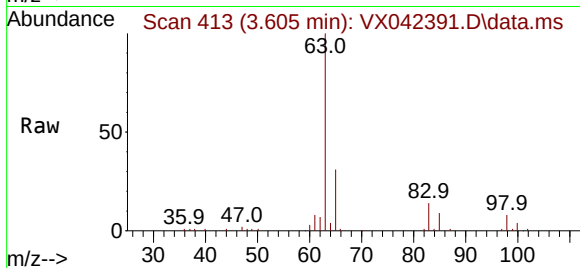
#21
1,1-Dichloroethane
Concen: 19.092 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 6391
Ion Ratio Lower Upper
63 100
98 8.0 4.2 12.4
100 4.3 2.5 7.4

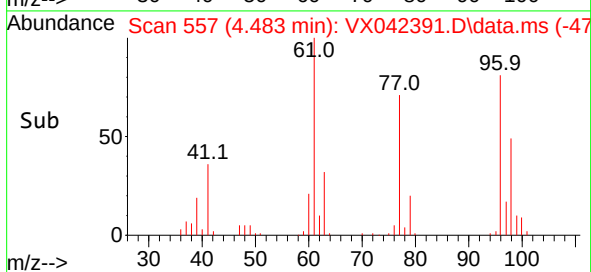
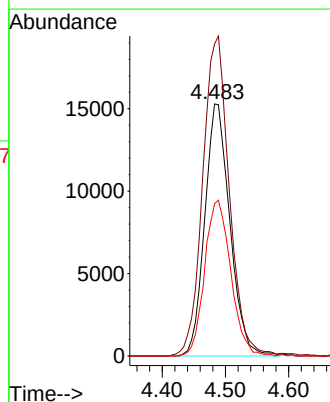
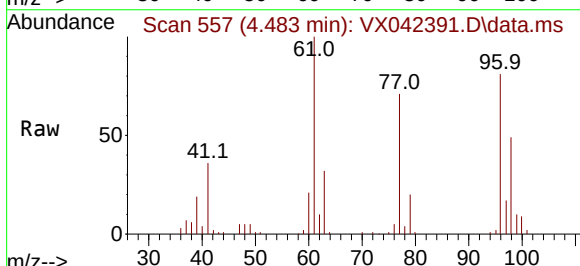
Manual Integrations
APPROVED

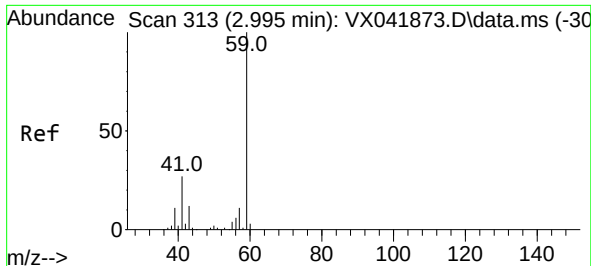
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
cis-1,2-Dichloroethene
Concen: 18.573 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

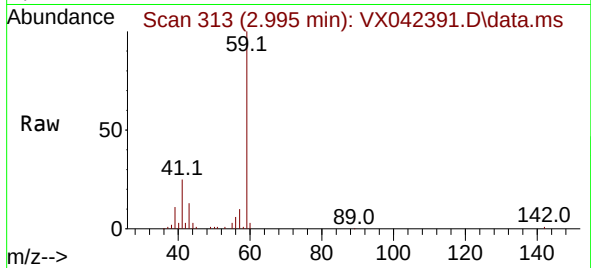
Tgt Ion: 96 Resp: 42282
Ion Ratio Lower Upper
96 100
61 133.7 103.3 154.9
98 64.1 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 99.327 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

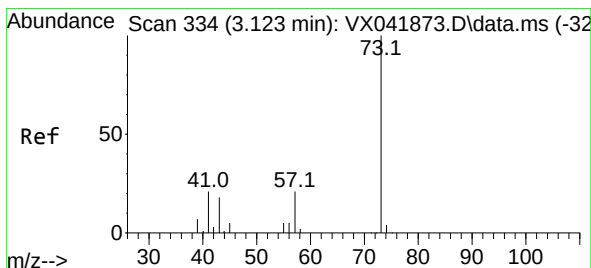
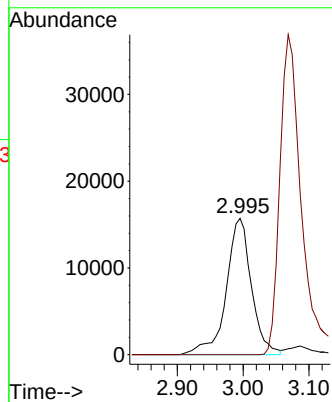
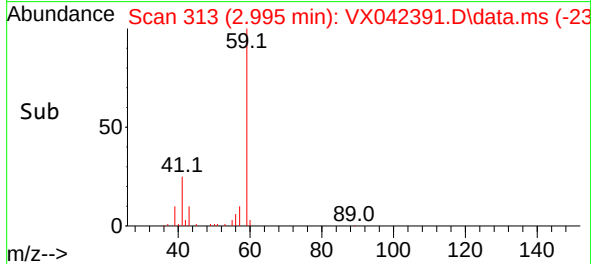
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



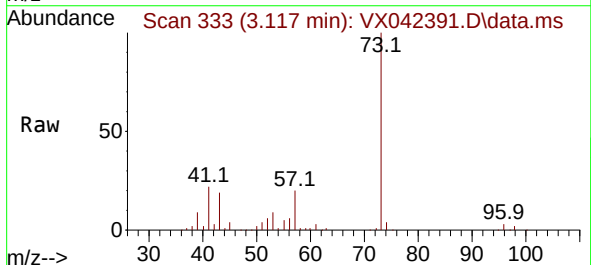
Tgt Ion: 59 Resp: 4195
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

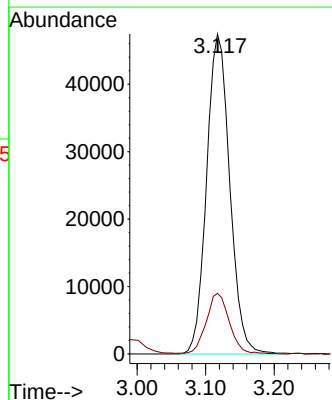
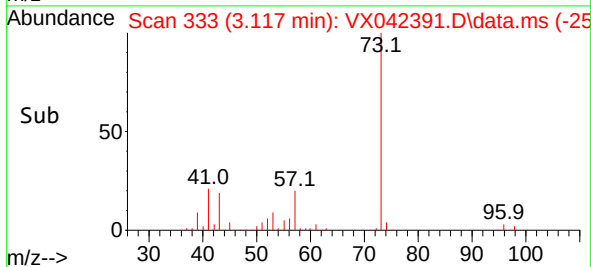
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

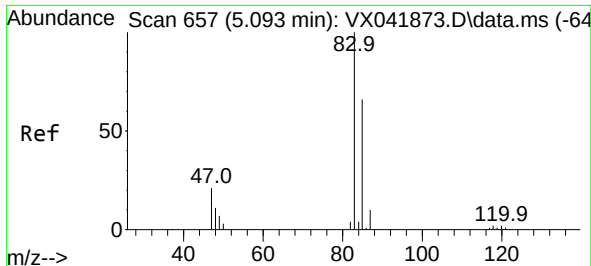


#24
Methyl tert-Butyl Ether
Concen: 19.158 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



Tgt Ion: 73 Resp: 111255
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7





#25

Chloroform

Concen: 19.269 ug/l

RT: 5.086 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 6555

Ion Ratio Lower Upper

83 100

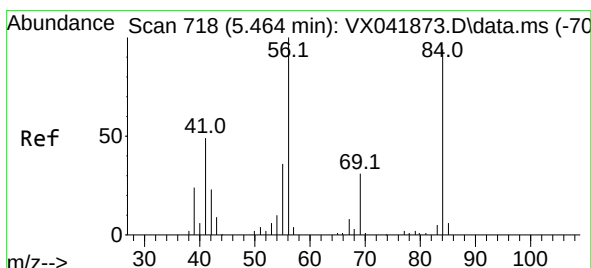
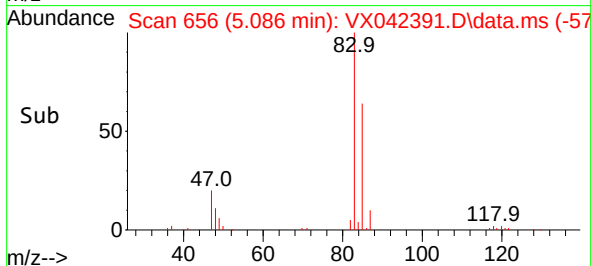
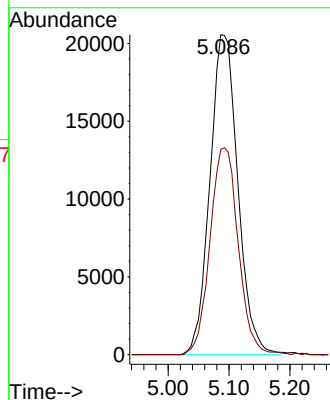
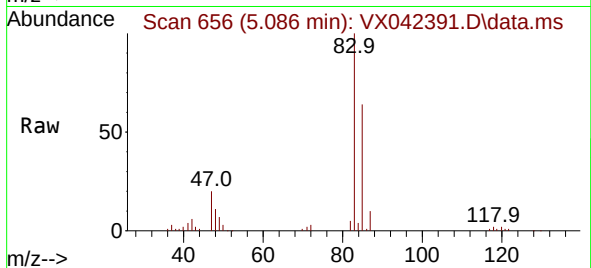
85 64.2 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#26

Cyclohexane

Concen: 17.547 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

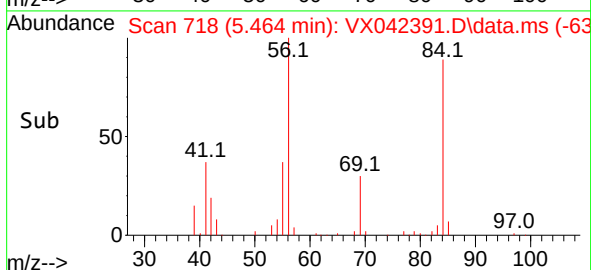
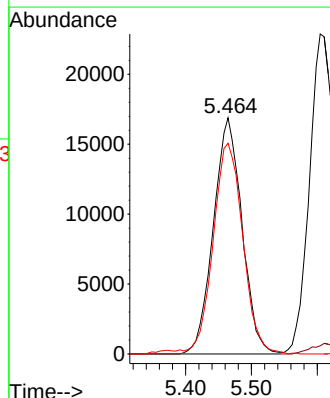
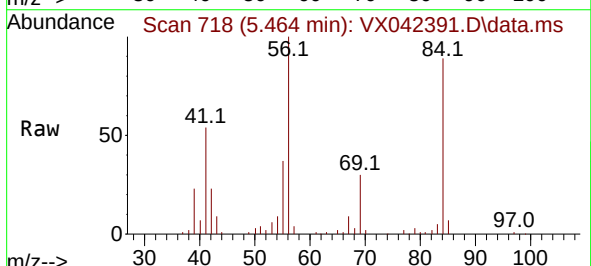
Tgt Ion: 56 Resp: 51017

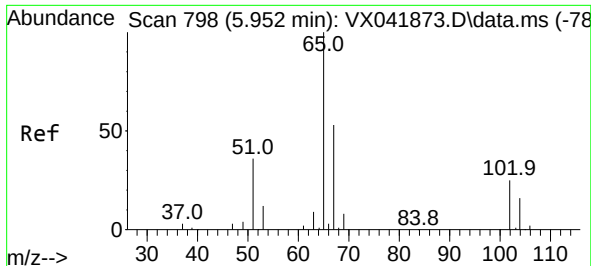
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.4 73.1 109.7





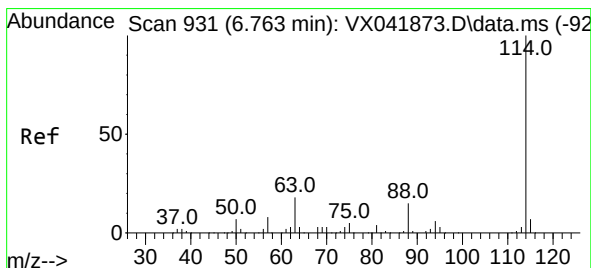
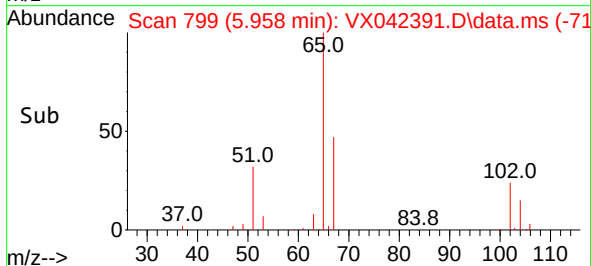
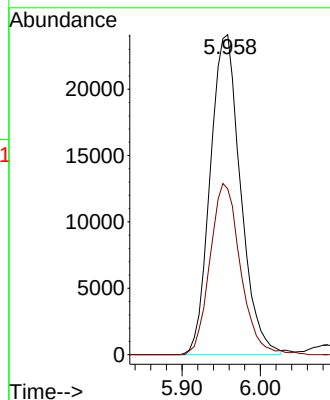
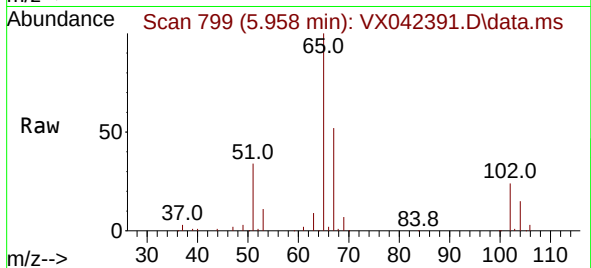
#27
1,2-Dichloroethane-d4
Concen: 30.660 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 64834
Ion Ratio Lower Upper
65 100
67 53.5 43.4 65.0

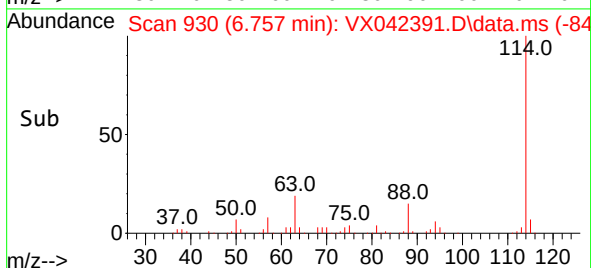
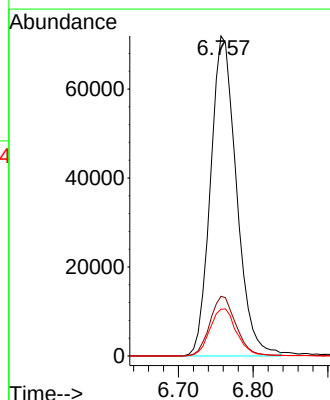
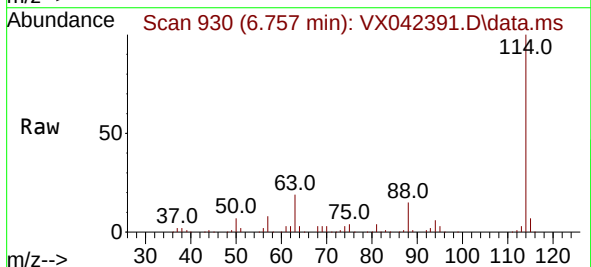
Manual Integrations
APPROVED

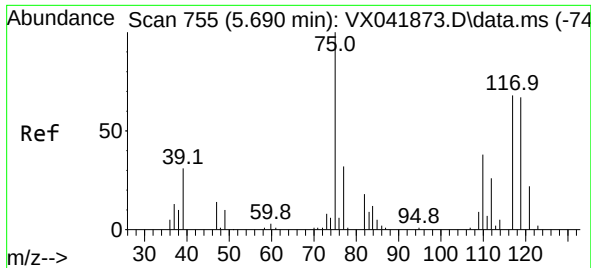
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:114 Resp: 173832
Ion Ratio Lower Upper
114 100
63 18.6 14.6 21.8
88 15.2 11.8 17.8





#29
1,1-Dichloropropene
Concen: 18.531 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

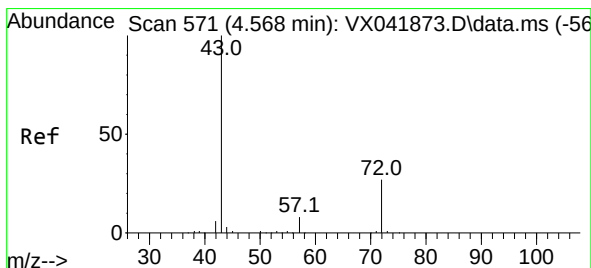
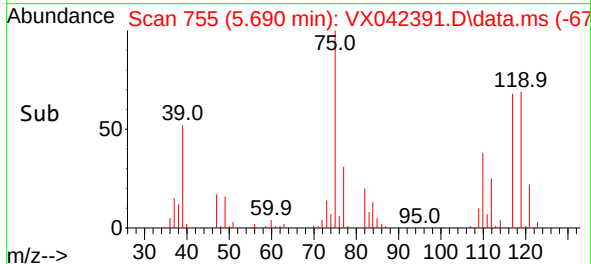
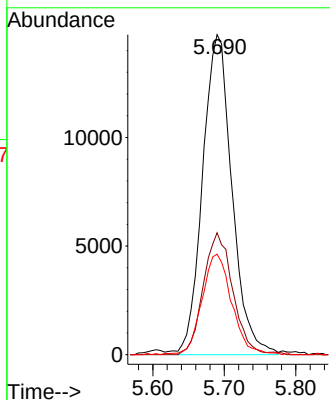
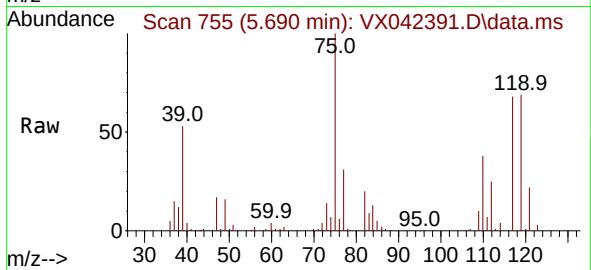
Tgt Ion: 75 Resp: 4204
Ion Ratio Lower Upper
75 100
110 37.8 0.0 80.2
77 31.8 0.0 65.2

Manual Integrations

APPROVED

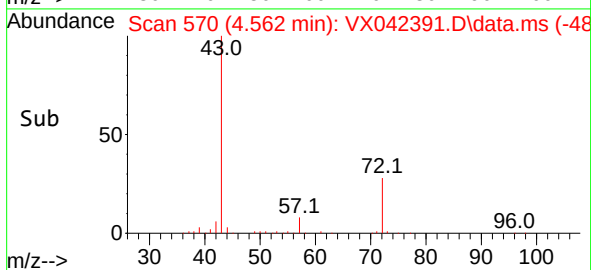
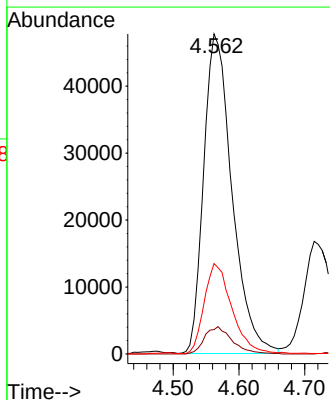
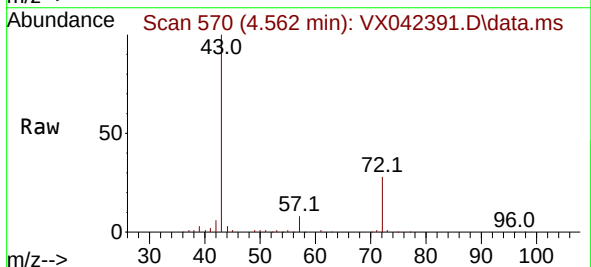
Reviewed By :John Carlone 07/19/2024

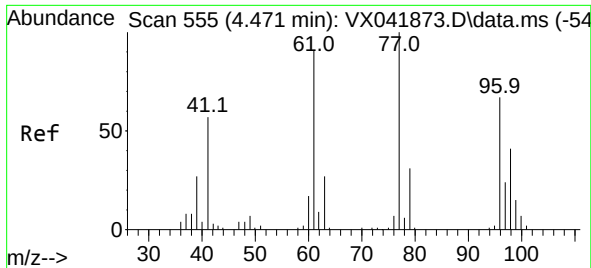
Supervised By :Mahesh Dadoda 07/22/2024



#30
2-Butanone
Concen: 94.526 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion: 43 Resp: 143297
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 27.3 22.0 33.0





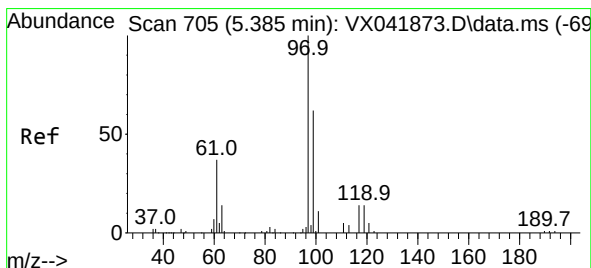
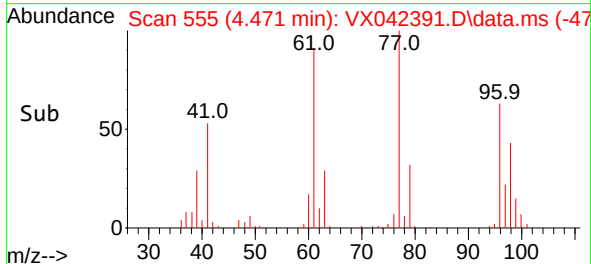
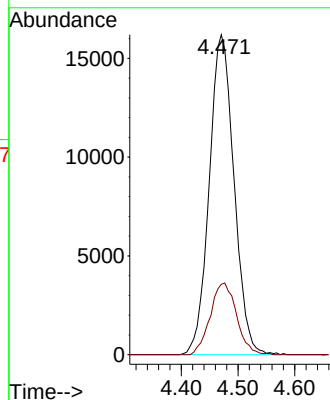
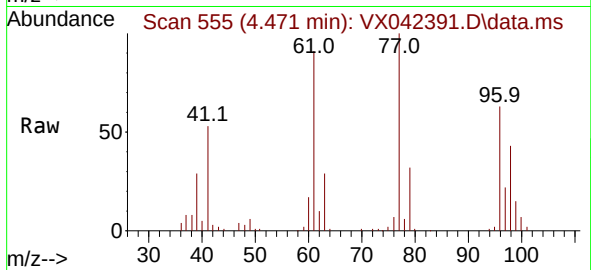
#31
2,2-Dichloropropane
Concen: 19.757 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 49115
Ion Ratio Lower Upper
77 100
97 23.7 20.2 30.2

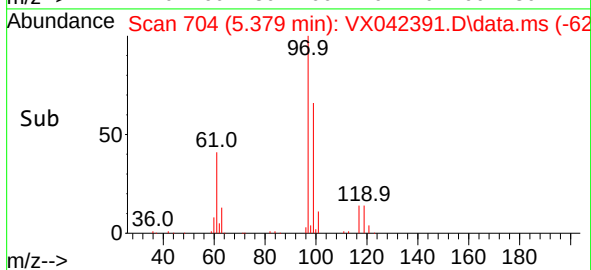
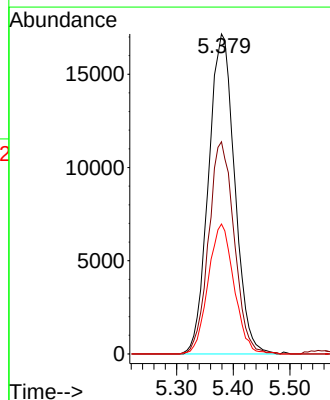
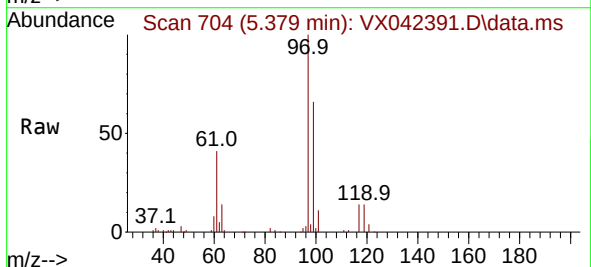
Manual Integrations
APPROVED

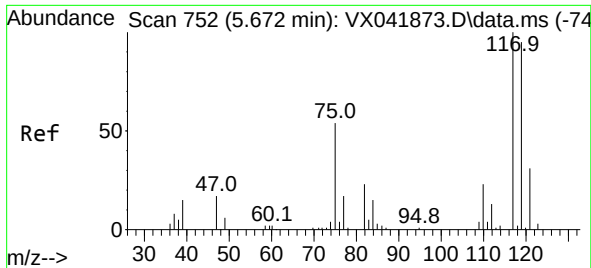
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#32
1,1,1-Trichloroethane
Concen: 19.129 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

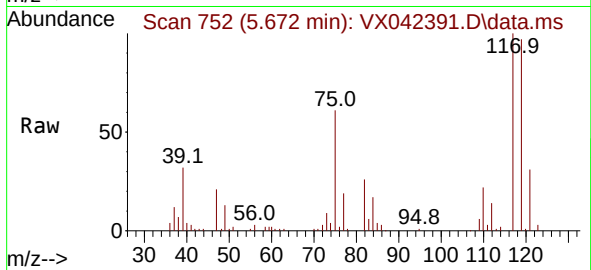
Tgt Ion: 97 Resp: 55015
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 40.2 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.063 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

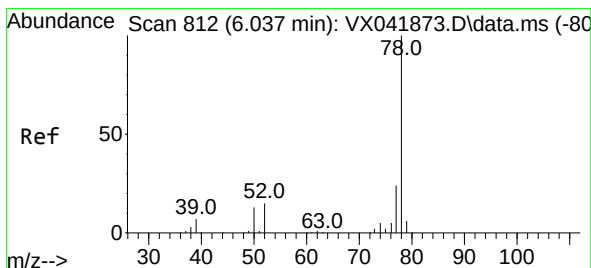
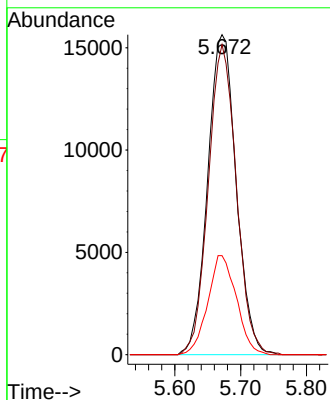
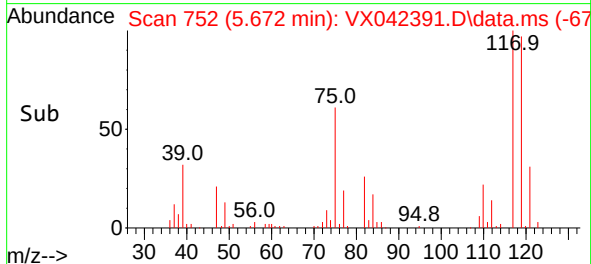
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 4728
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5
121 31.0 24.9 37.3

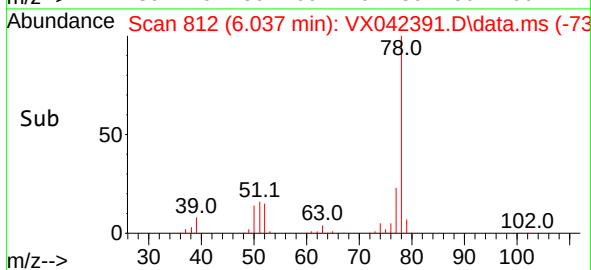
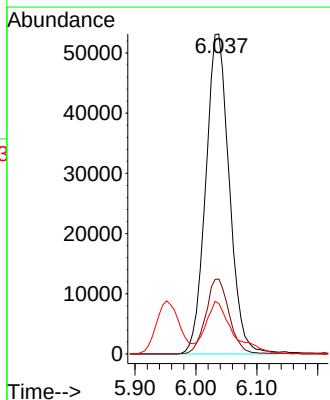
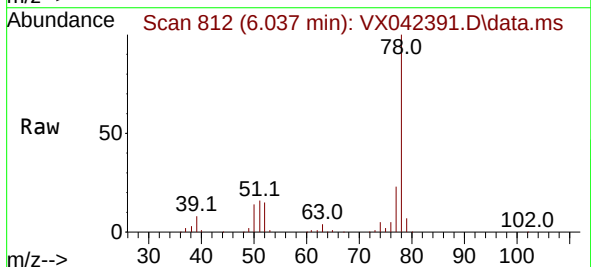
Manual Integrations
APPROVED

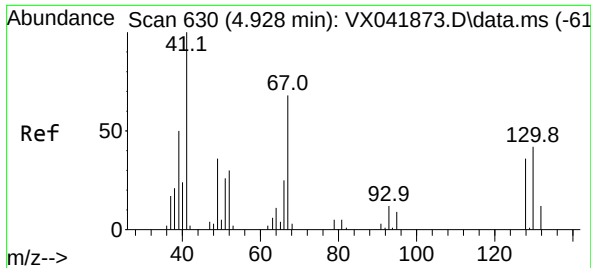
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#34
Benzene
Concen: 18.902 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

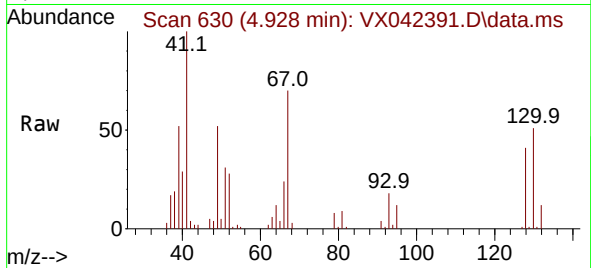
Tgt Ion: 78 Resp: 142863
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3
51 15.4 11.8 17.8





#35
Methacrylonitrile
Concen: 18.711 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

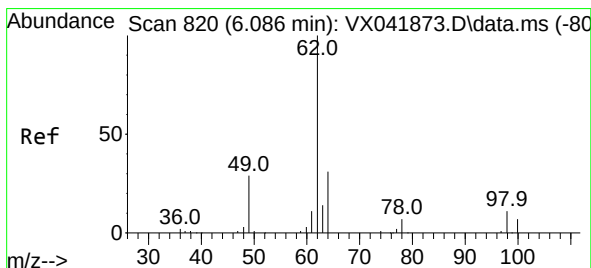
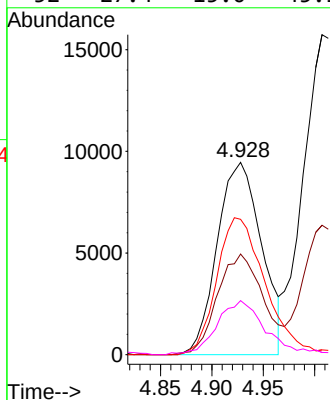
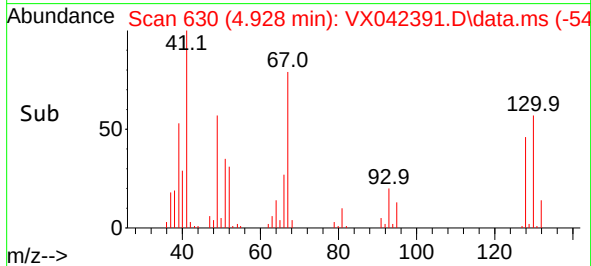
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:	41	Resp:	2849
Ion	Ratio	Lower	Upper
41	100		
39	51.6	25.2	75.6
67	70.4	34.2	102.5
52	27.4	15.0	45.1

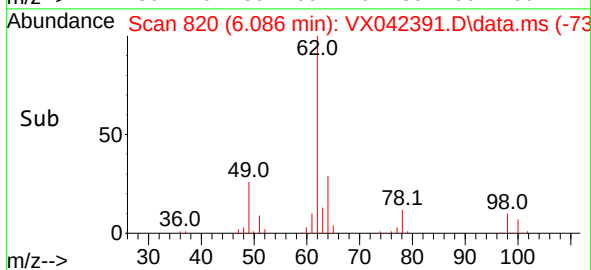
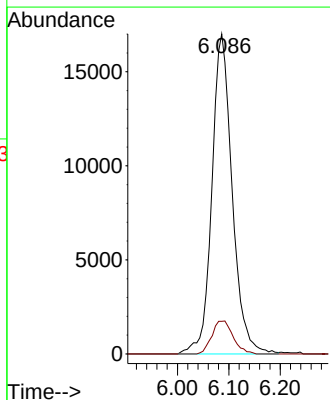
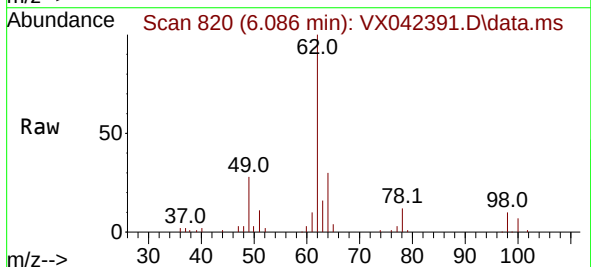
Manual Integrations
APPROVED

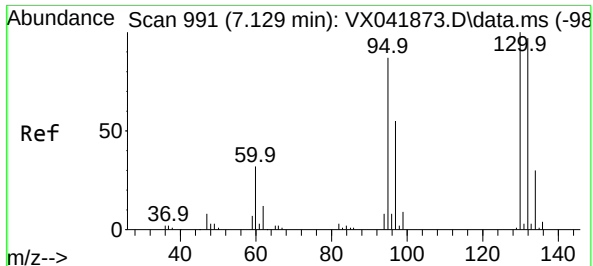
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#36
1,2-Dichloroethane
Concen: 19.854 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:	62	Resp:	46747
Ion	Ratio	Lower	Upper
62	100		
98	10.8	9.1	13.7





#37

Trichloroethene

Concen: 18.014 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 37189

Ion Ratio Lower Upper

130 100

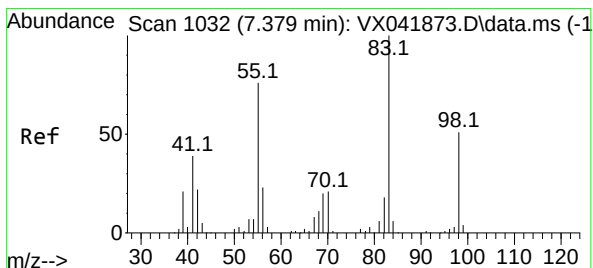
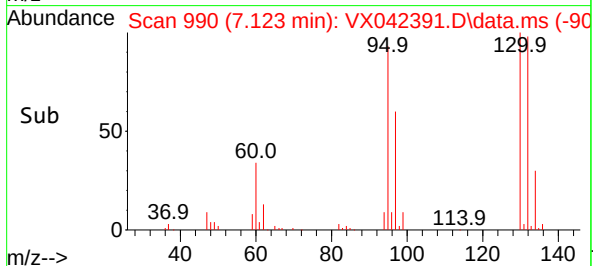
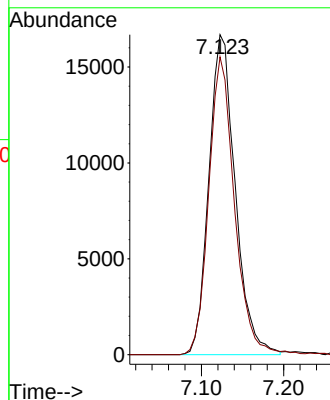
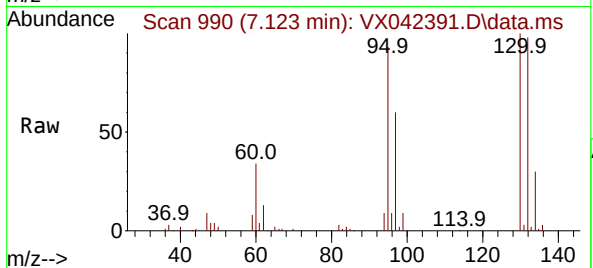
95 93.1 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#38

Methylcyclohexane

Concen: 17.725 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

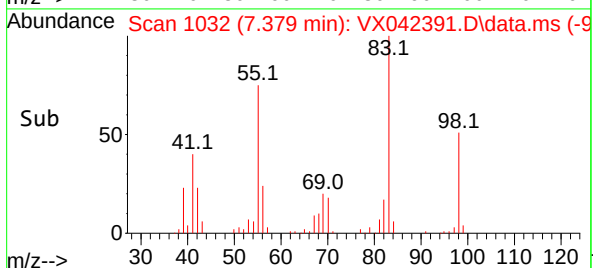
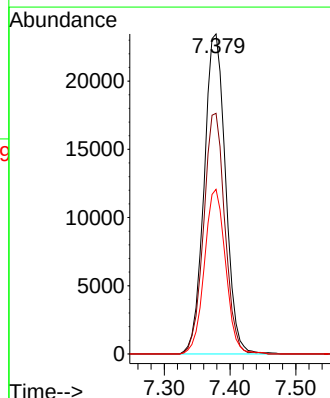
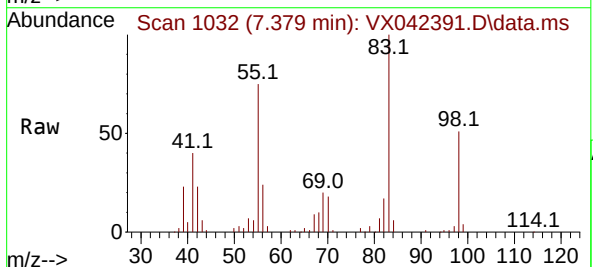
Tgt Ion: 83 Resp: 53266

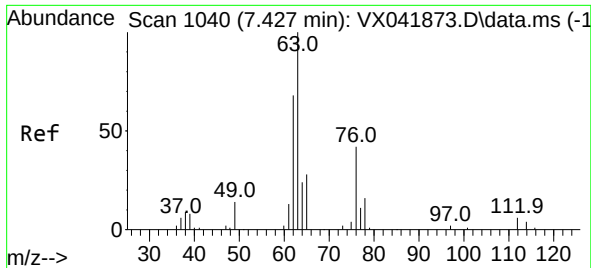
Ion Ratio Lower Upper

83 100

55 74.1 37.3 111.9

98 50.7 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.023 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 3424

Ion Ratio Lower Upper

63 100

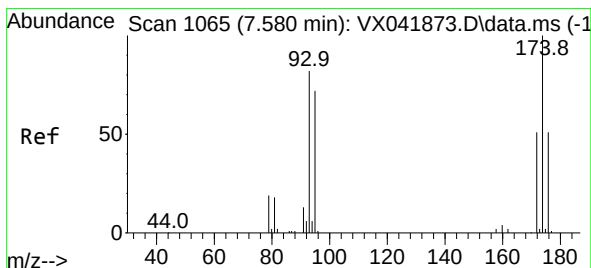
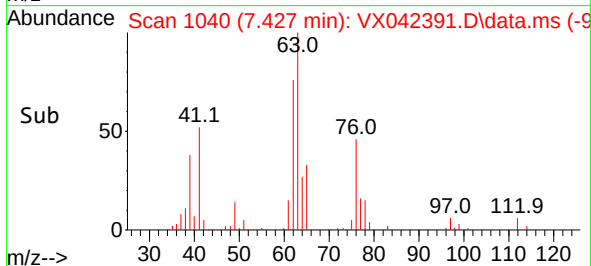
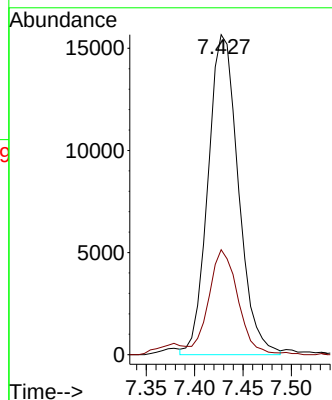
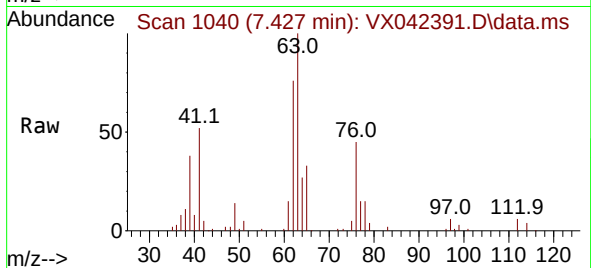
65 32.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#40

Dibromomethane

Concen: 18.750 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

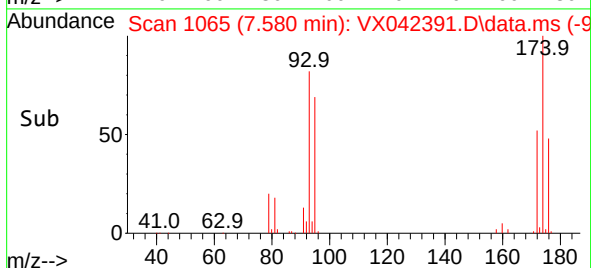
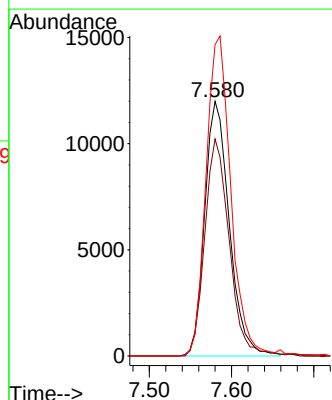
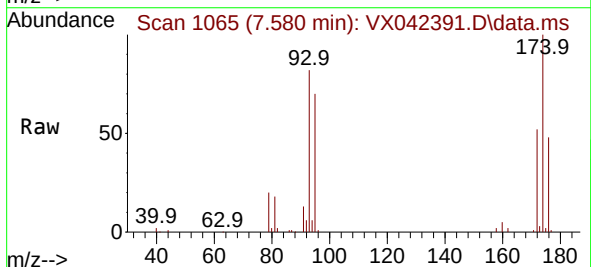
Tgt Ion: 93 Resp: 24971

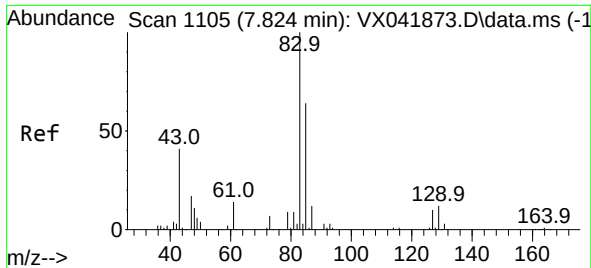
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.6

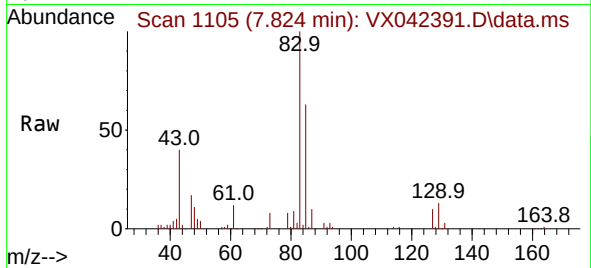
174 126.2 0.0 255.0





#41
Bromodichloromethane
Concen: 19.087 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

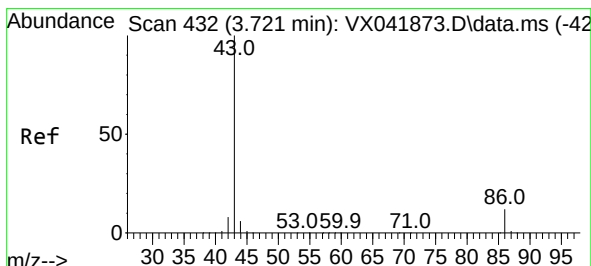
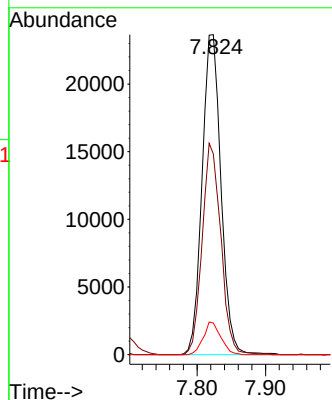
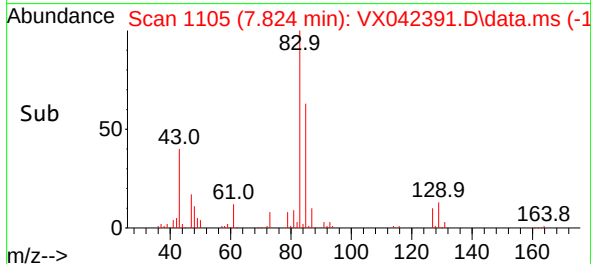
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



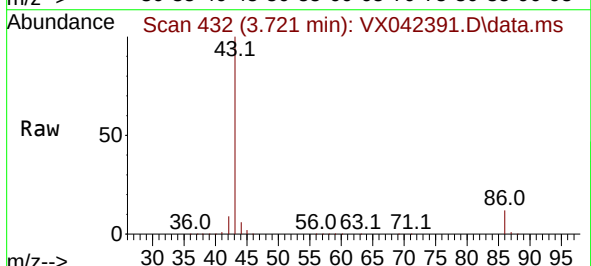
Tgt Ion: 83 Resp: 45540
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 9.9 8.1 12.1

Manual Integrations
APPROVED

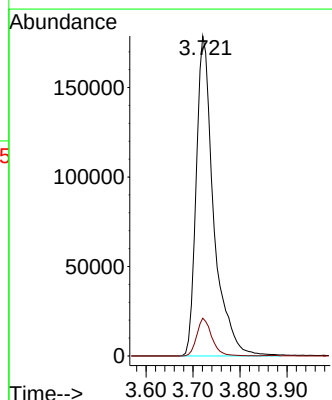
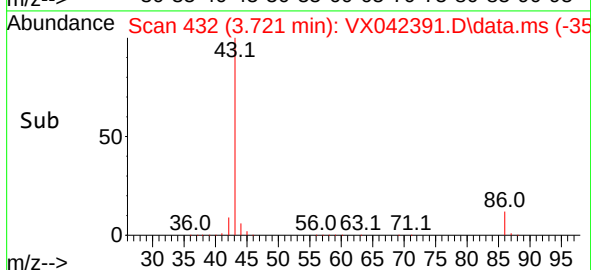
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

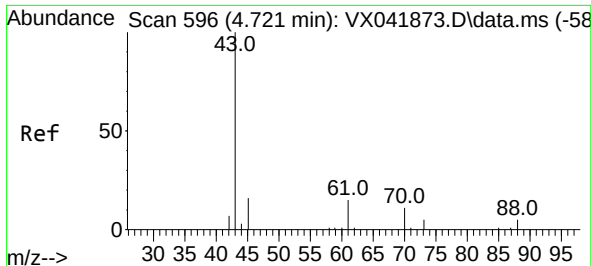


#42
Vinyl Acetate
Concen: 91.197 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



Tgt Ion: 43 Resp: 462754
Ion Ratio Lower Upper
43 100
86 10.1 8.5 12.7





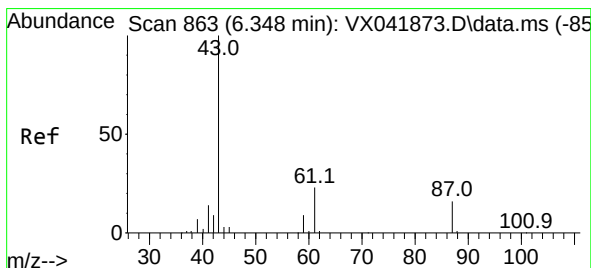
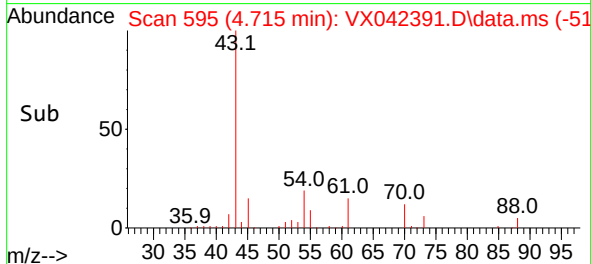
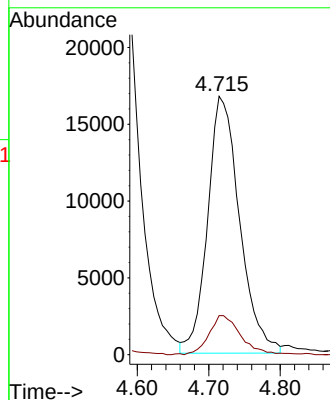
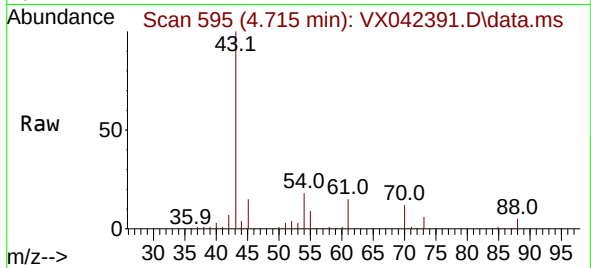
#43
Ethyl Acetate
Concen: 18.282 ug/l
RT: 4.715 min Scan# 51964
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 51964
Ion Ratio Lower Upper
43 100
45 14.8 12.4 18.6

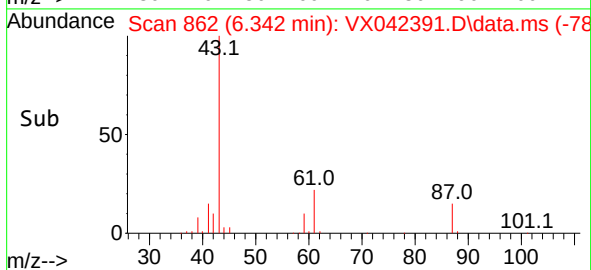
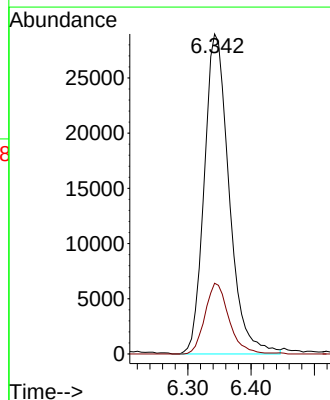
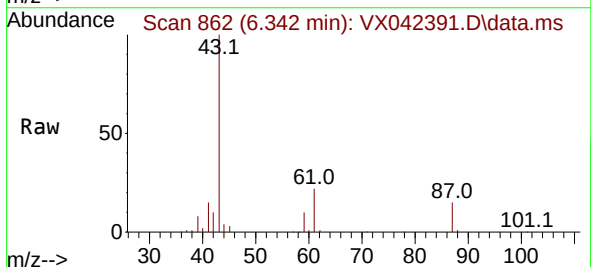
Manual Integrations
APPROVED

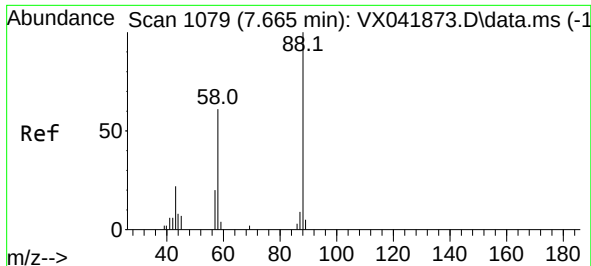
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#44
Isopropyl Acetate
Concen: 18.621 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

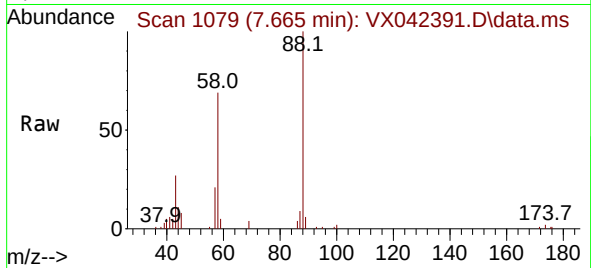
Tgt Ion: 43 Resp: 79276
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0





#45
1,4-Dioxane
Concen: 359.925 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

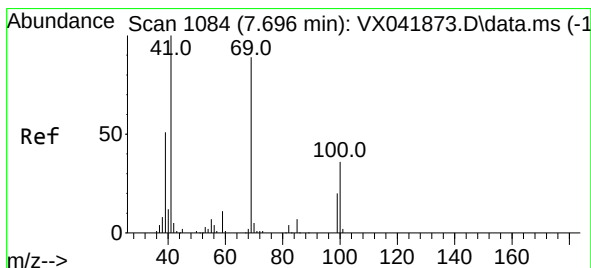
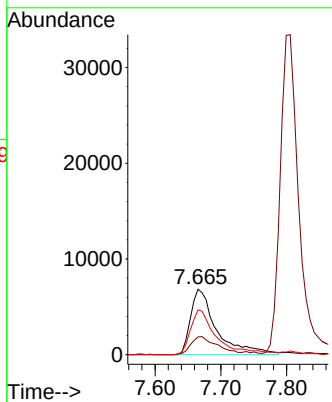
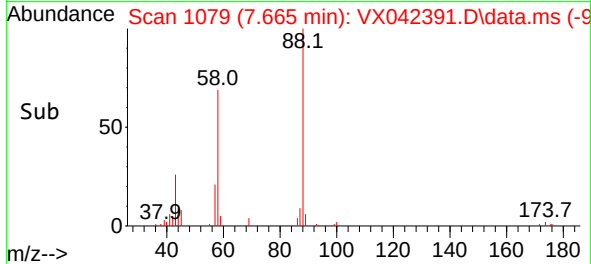
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



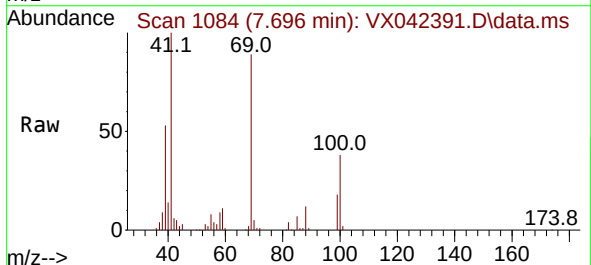
Tgt Ion: 88 Resp: 18678
Ion Ratio Lower Upper
88 100
43 28.4 23.2 34.8
58 60.4 52.6 78.8

Manual Integrations
APPROVED

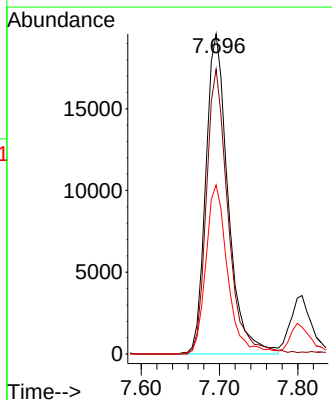
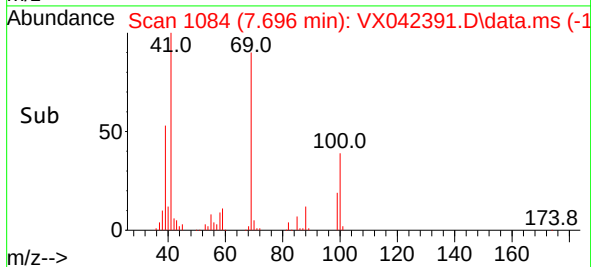
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

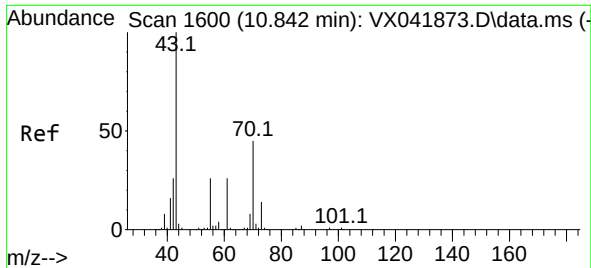


#46
Methyl methacrylate
Concen: 18.632 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



Tgt Ion: 41 Resp: 38783
Ion Ratio Lower Upper
41 100
69 89.0 44.4 133.1
39 52.8 25.5 76.5





#47

n-amyl acetate

Concen: 17.119 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 65409

Ion Ratio Lower Upper

43 100

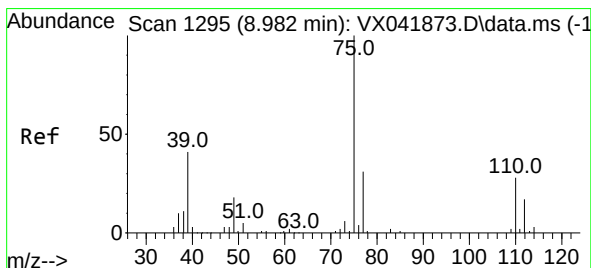
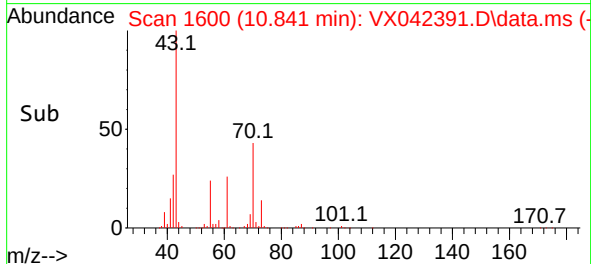
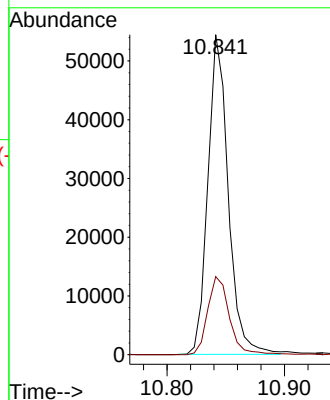
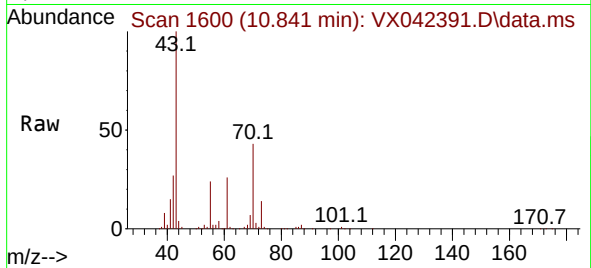
55 26.2 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#48

t-1,3-Dichloropropene

Concen: 17.915 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX042391.D

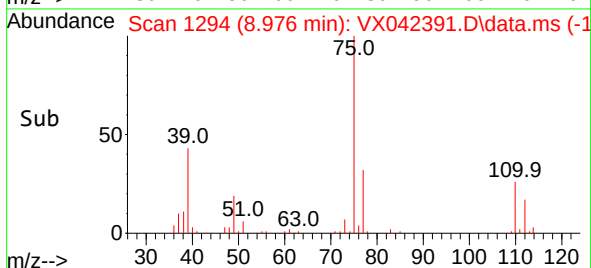
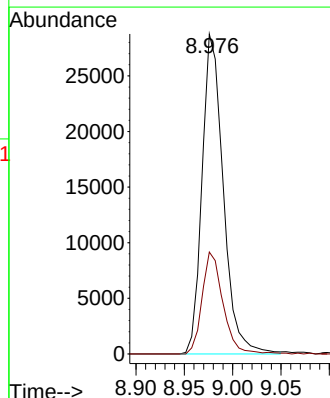
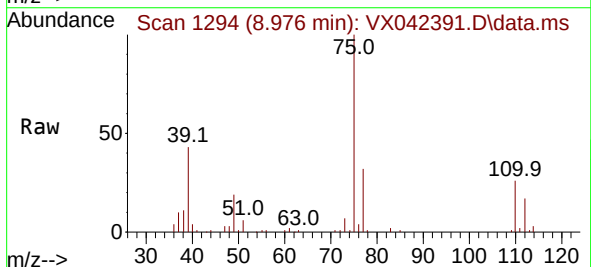
Acq: 19 Jul 2024 09:46

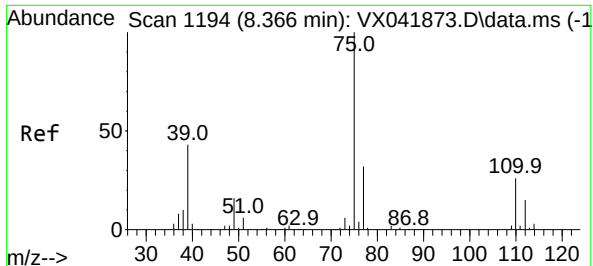
Tgt Ion: 75 Resp: 44010

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 18.454 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 5085

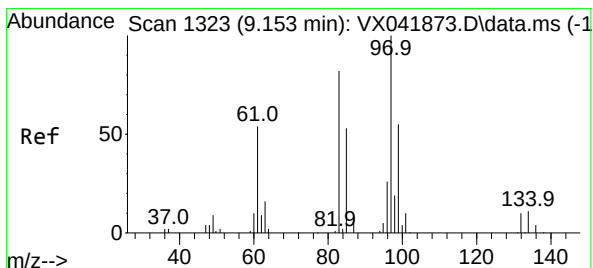
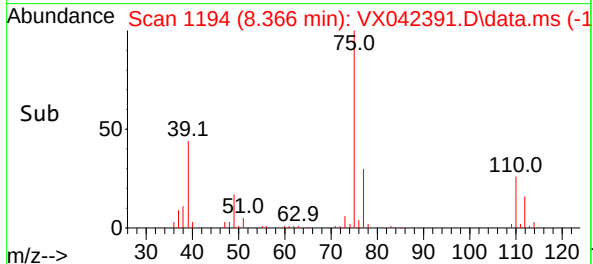
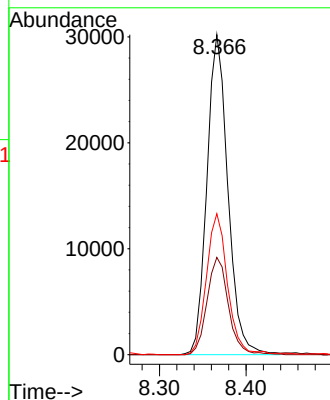
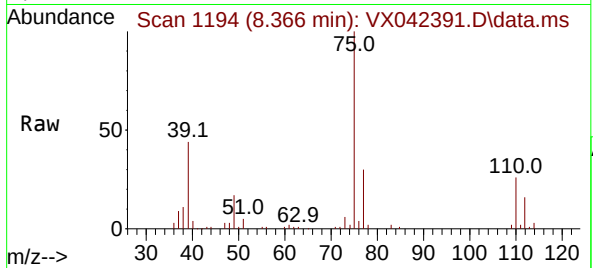
Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.8	38.8
39	44.0	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#50

1,1,2-Trichloroethane

Concen: 19.182 ug/l

RT: 9.153 min Scan# 1323

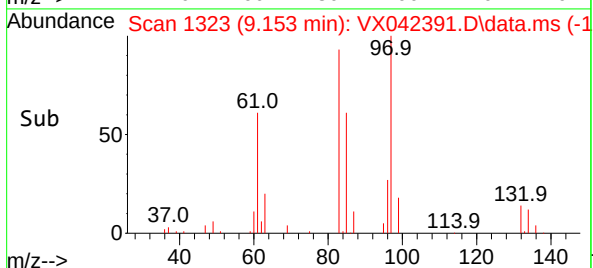
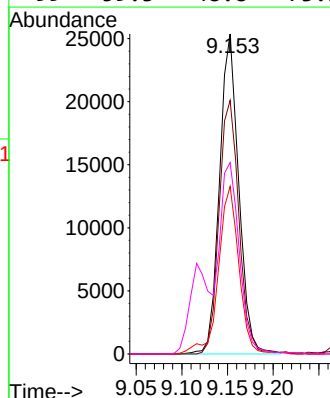
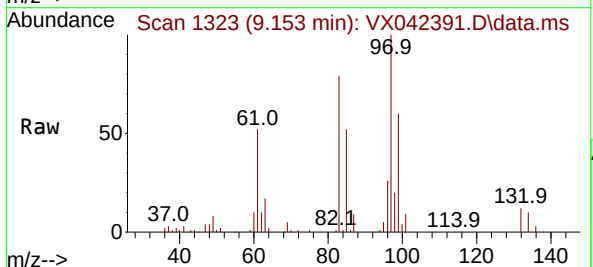
Delta R.T. -0.000 min

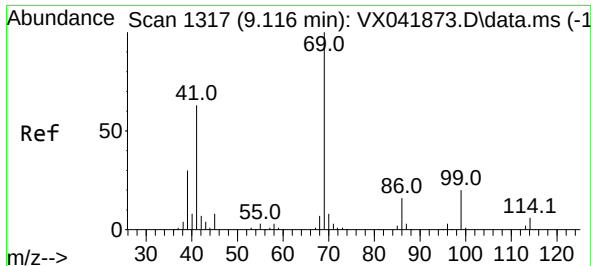
Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Tgt Ion: 97 Resp: 37147

Ion	Ratio	Lower	Upper
97	100		
83	79.2	65.9	98.9
85	52.1	42.9	64.3
99	59.3	48.8	73.2





#51

Ethyl methacrylate

Concen: 17.810 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 69 Resp: 54790

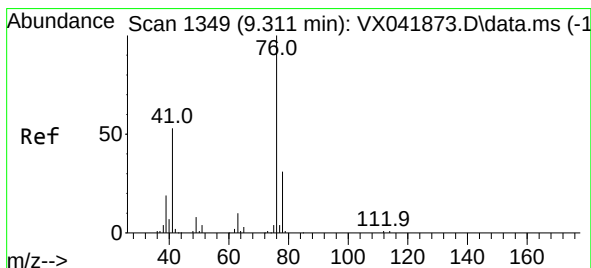
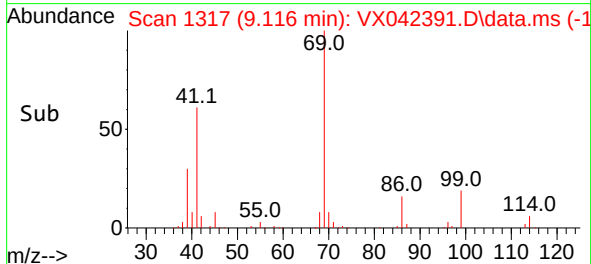
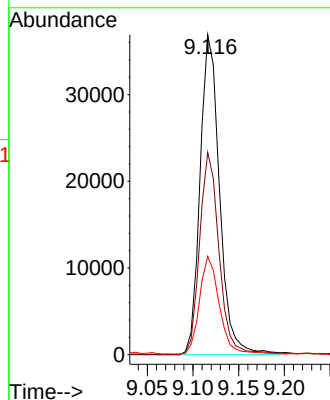
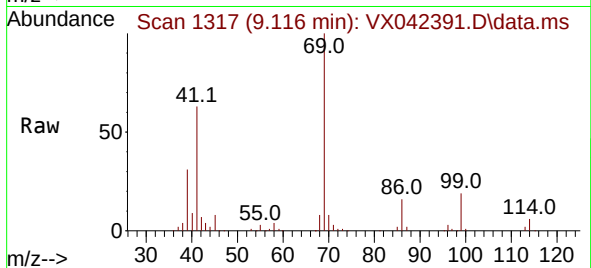
Ion	Ratio	Lower	Upper
69	100		
41	63.2	31.6	94.7
39	30.5	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#52

1,3-Dichloropropane

Concen: 19.115 ug/l

RT: 9.305 min Scan# 1348

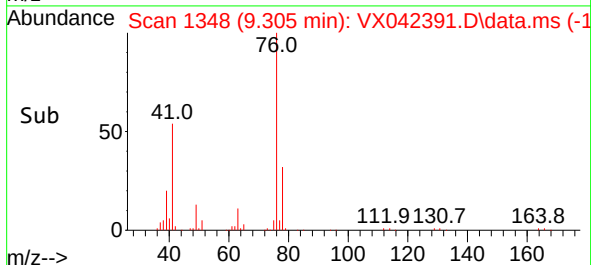
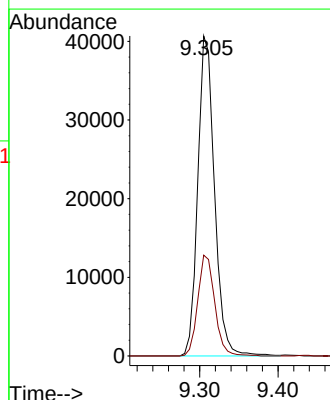
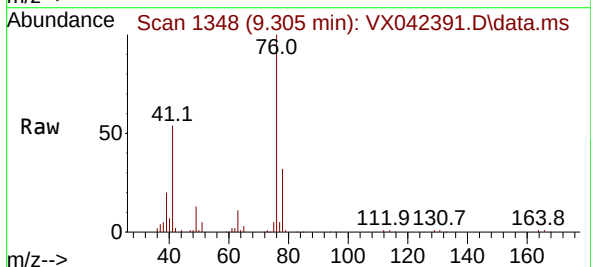
Delta R.T. -0.006 min

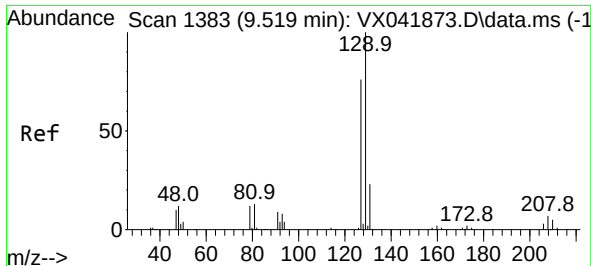
Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Tgt Ion: 76 Resp: 60514

Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	66.0





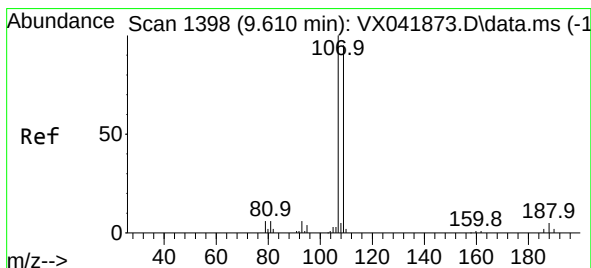
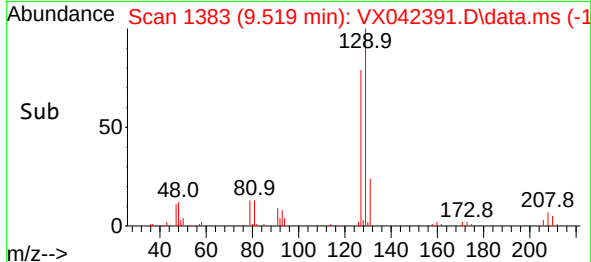
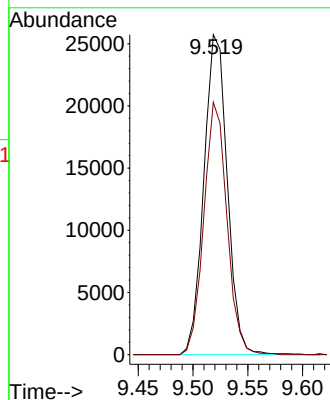
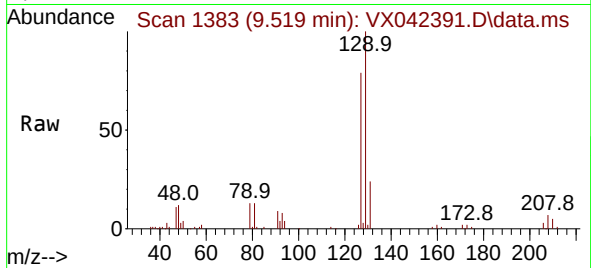
#53
Dibromochloromethane
Concen: 18.062 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 38278
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

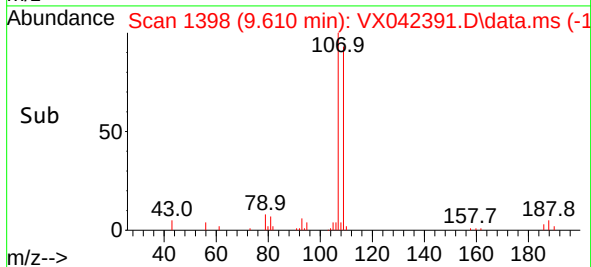
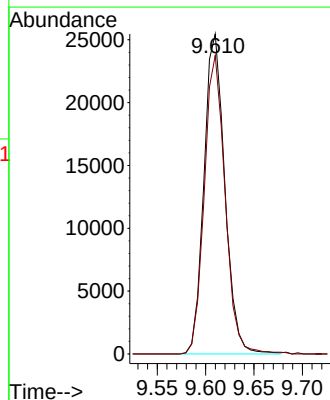
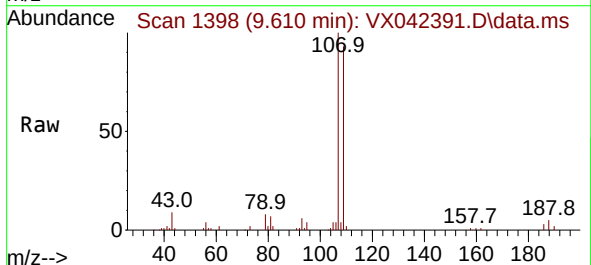
Manual Integrations
APPROVED

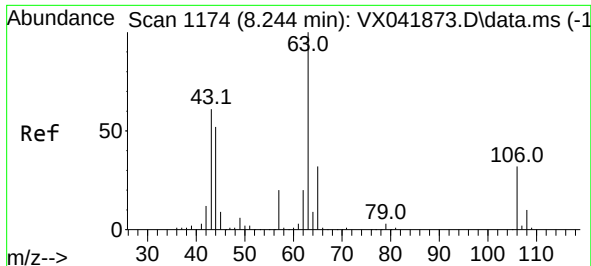
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#54
1,2-Dibromoethane
Concen: 18.725 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:107 Resp: 38239
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 92.689 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 132720

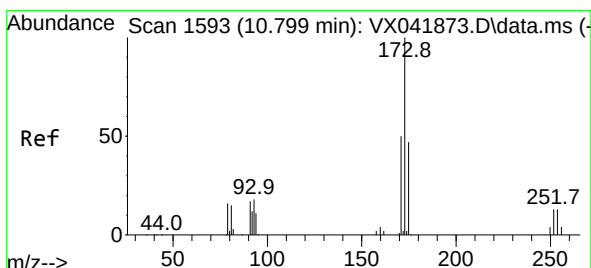
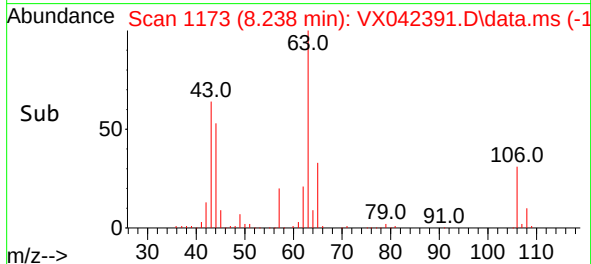
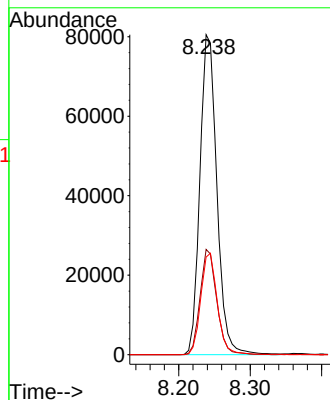
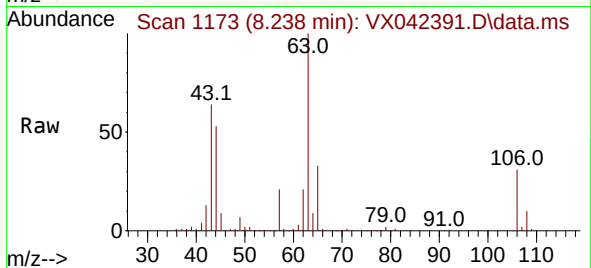
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	30.9	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#56

Bromoform

Concen: 16.935 ug/l

RT: 10.799 min Scan# 1593

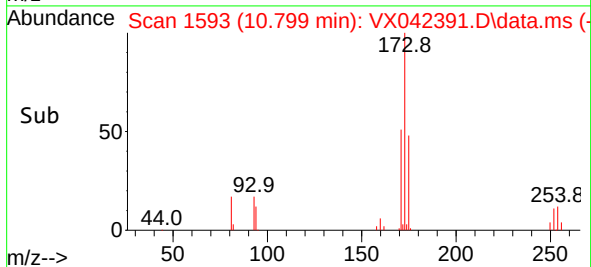
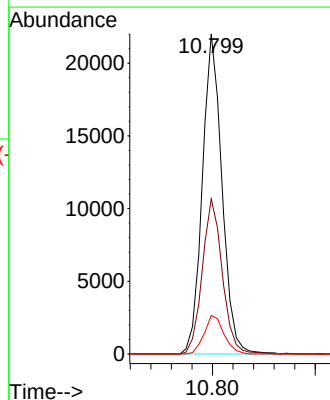
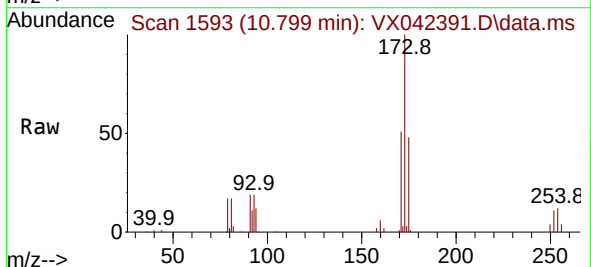
Delta R.T. -0.000 min

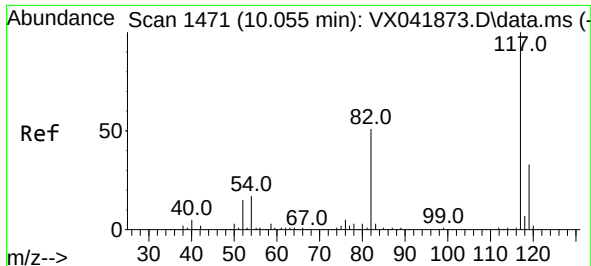
Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Tgt Ion:173 Resp: 29265

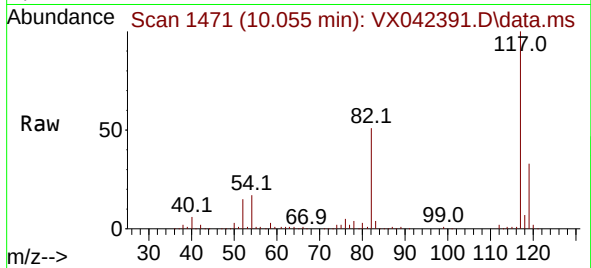
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.3	58.9
254	12.1	9.6	14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

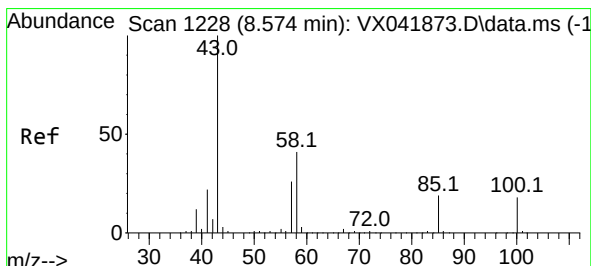
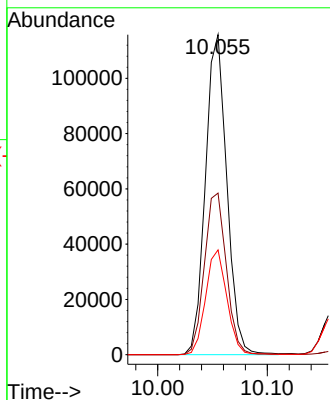
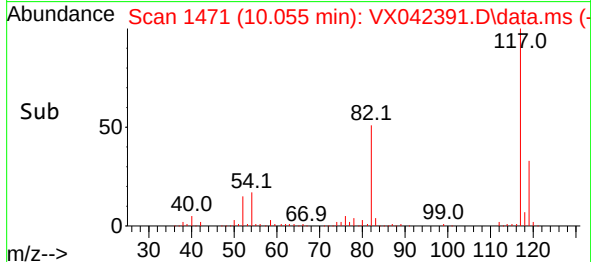
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 157239
Ion Ratio Lower Upper
117 100
82 51.7 41.1 61.7
119 32.7 26.1 39.1

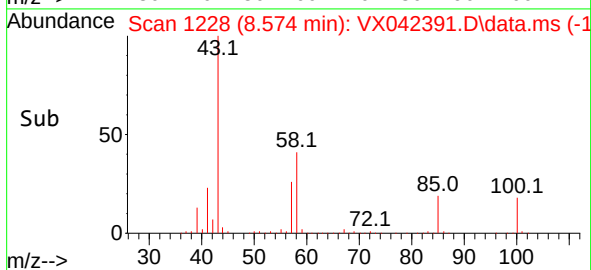
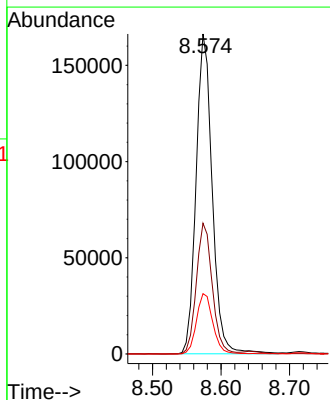
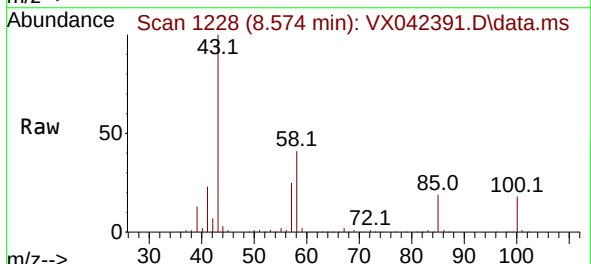
Manual Integrations
APPROVED

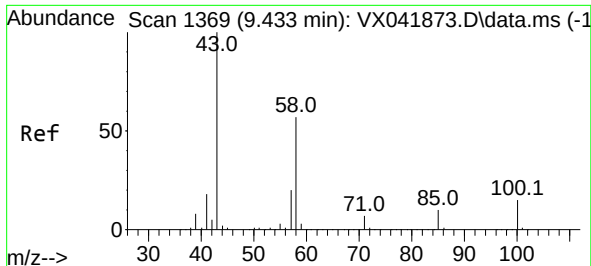
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#58
4-Methyl-2-Pentanone
Concen: 96.704 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion: 43 Resp: 272473
Ion Ratio Lower Upper
43 100
58 40.3 33.2 49.8
85 19.1 15.5 23.3





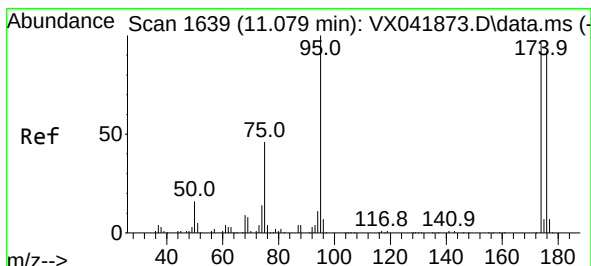
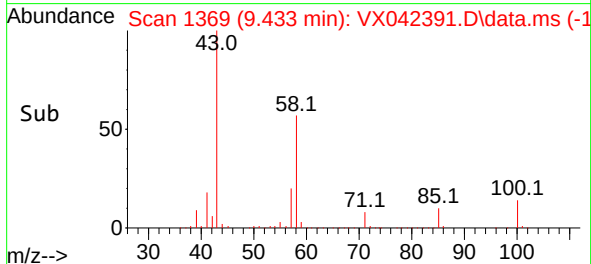
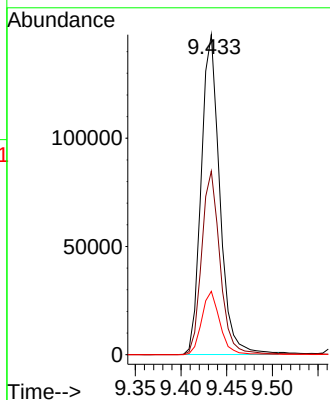
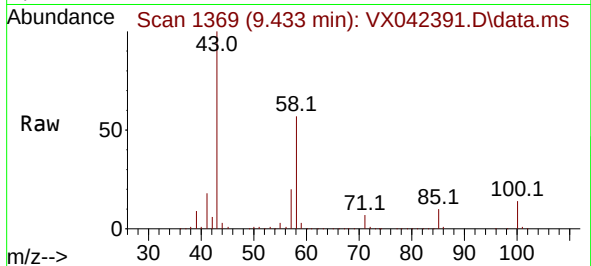
#59
2-Hexanone
Concen: 95.970 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 208708
Ion Ratio Lower Upper
43 100
58 57.2 46.0 69.0
57 19.5 15.8 23.6

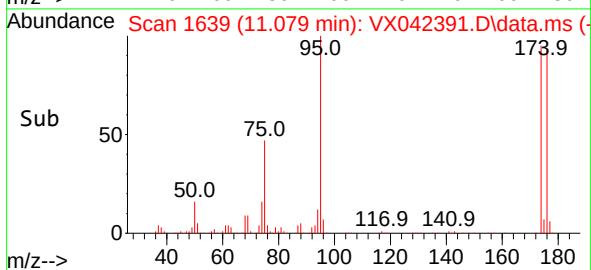
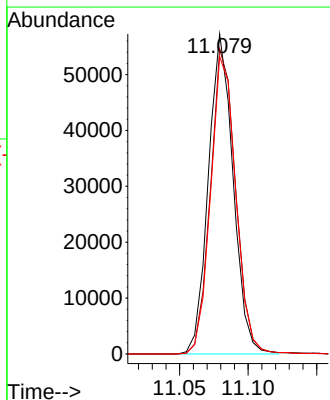
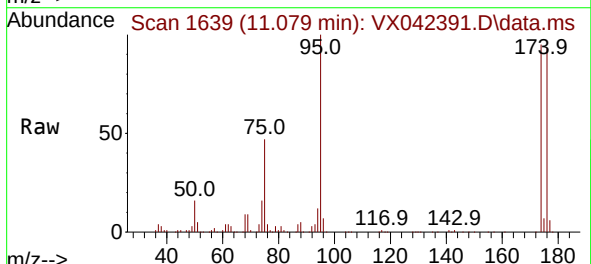
Manual Integrations
APPROVED

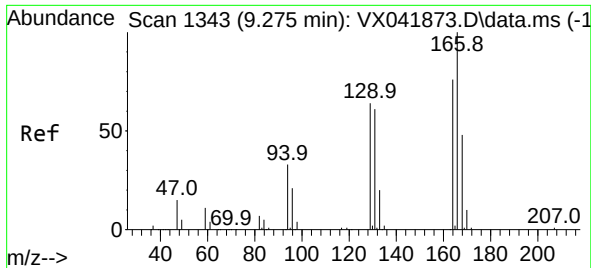
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
4-Bromofluorobenzene
Concen: 29.494 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

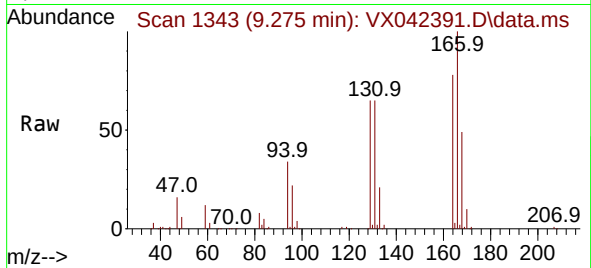
Tgt Ion: 95 Resp: 71787
Ion Ratio Lower Upper
95 100
174 97.0 78.9 118.3
176 94.7 77.1 115.7





#61
Tetrachloroethene
Concen: 18.676 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

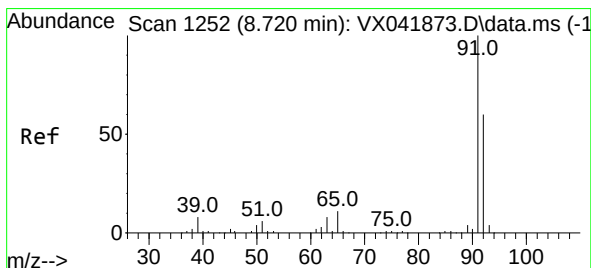
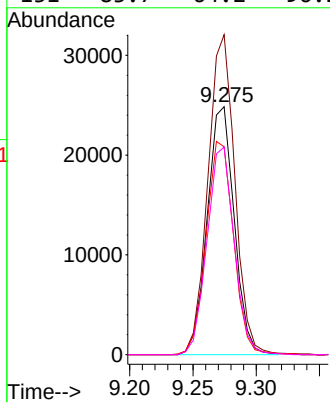
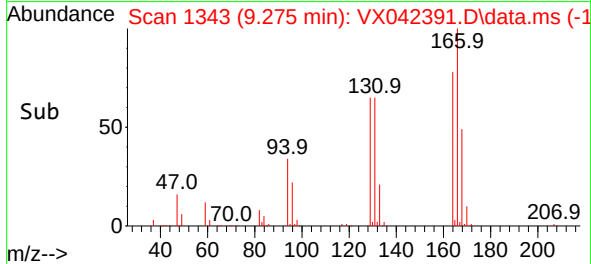
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



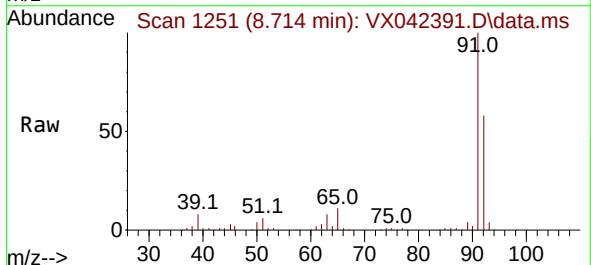
Tgt Ion:164 Resp: 36952
Ion Ratio Lower Upper
164 100
166 129.0 105.0 157.6
129 83.5 67.1 100.7
131 83.7 64.2 96.2

Manual Integrations
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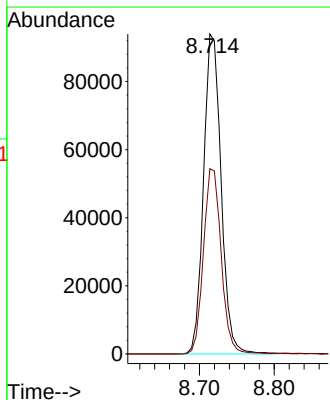
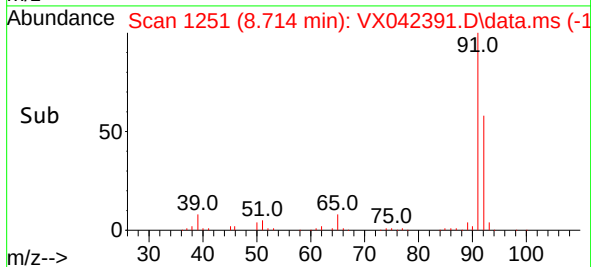
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

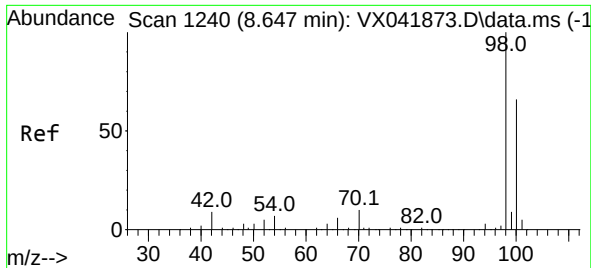


#62
Toluene
Concen: 19.268 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



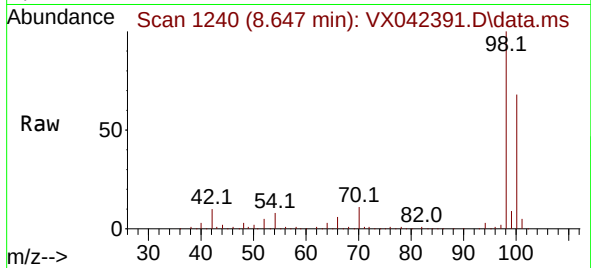
Tgt Ion: 91 Resp: 153310
Ion Ratio Lower Upper
91 100
92 58.4 47.4 71.2





#63
Toluene-d8
Concen: 31.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

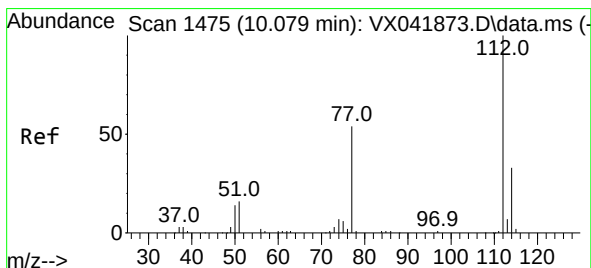
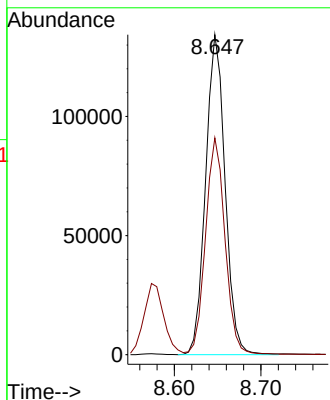
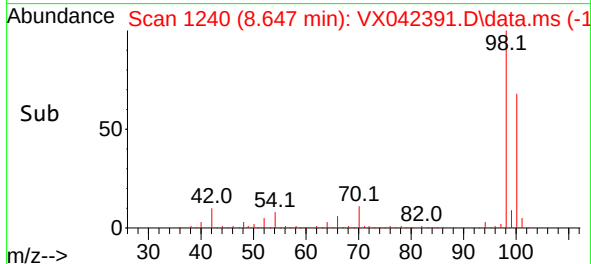
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



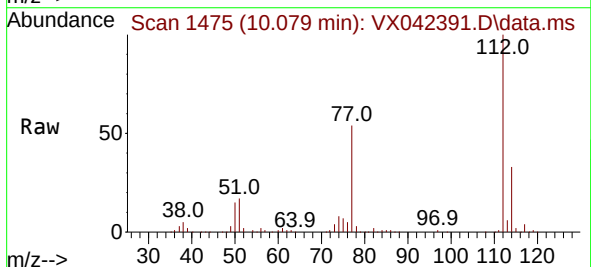
Tgt Ion: 98 Resp: 209739
Ion Ratio Lower Upper
98 100
100 67.7 52.7 79.1

Manual Integrations
APPROVED

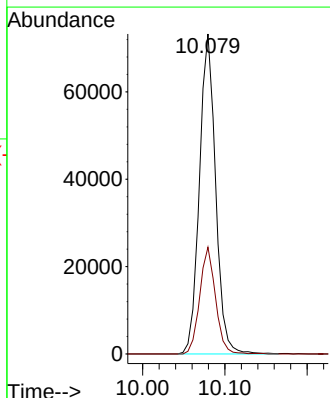
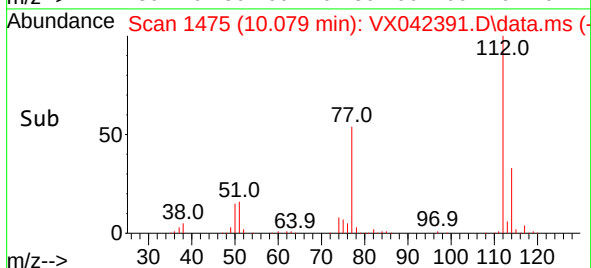
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

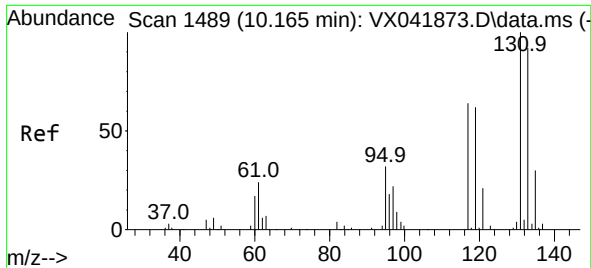


#64
Chlorobenzene
Concen: 18.516 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



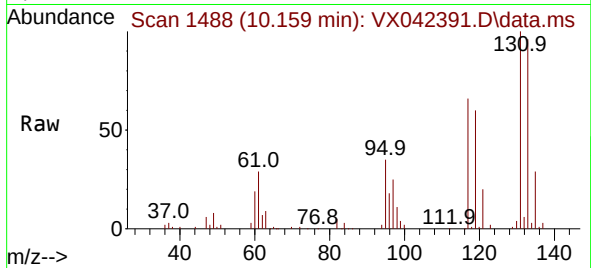
Tgt Ion:112 Resp: 100324
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.195 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

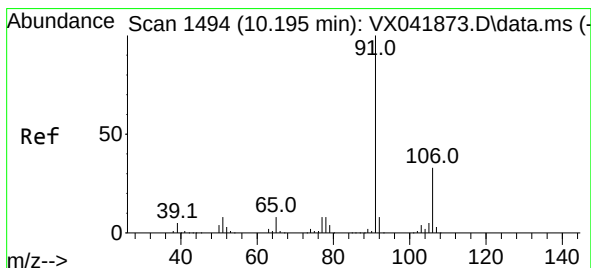
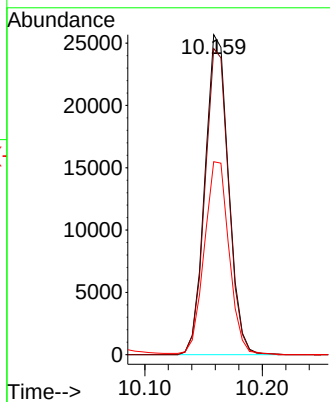
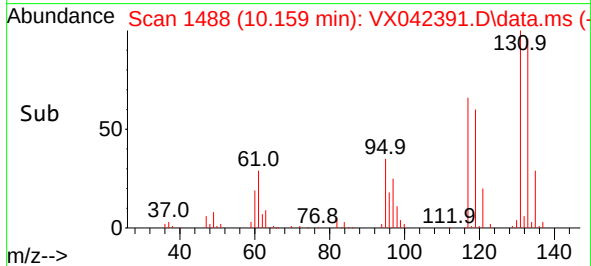
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 35920
Ion Ratio Lower Upper
131 100
133 95.8 0.0 194.8
119 63.1 0.0 127.6

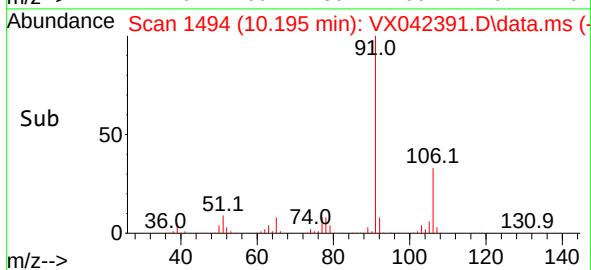
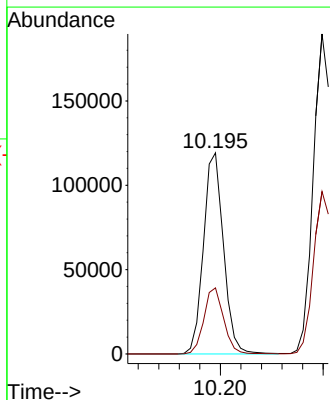
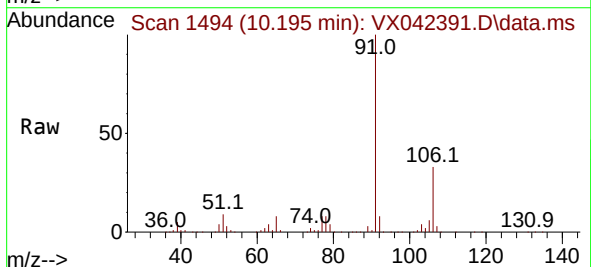
Manual Integrations
APPROVED

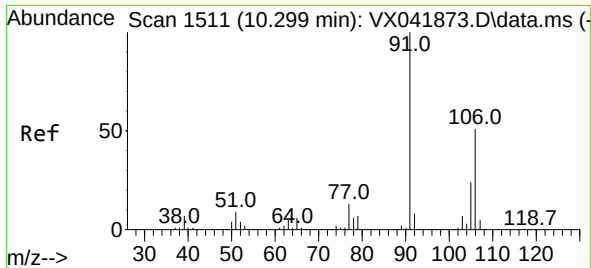
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#66
Ethyl Benzene
Concen: 18.585 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion: 91 Resp: 161672
Ion Ratio Lower Upper
91 100
106 32.9 26.4 39.6





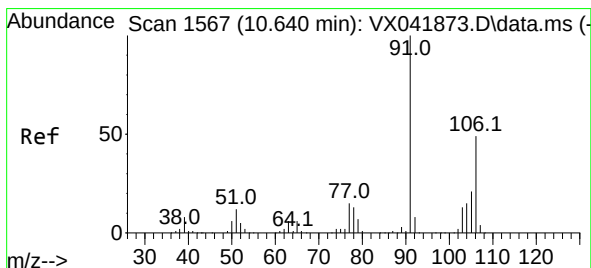
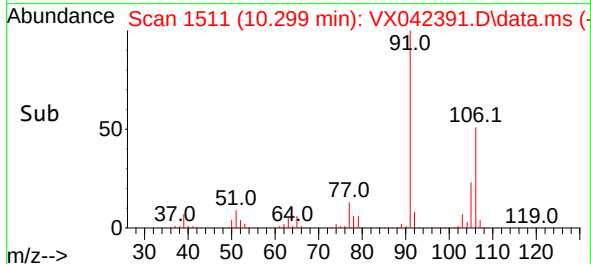
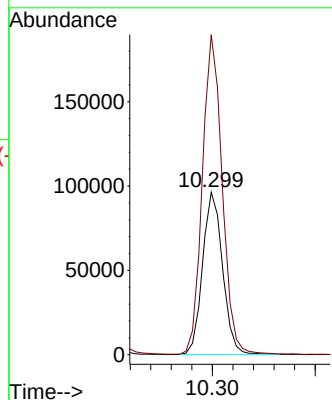
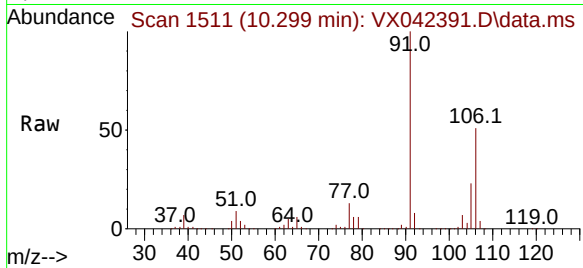
#67
m/p-Xylenes
Concen: 37.084 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 129760
Ion Ratio Lower Upper
106 100
91 195.8 157.0 235.6

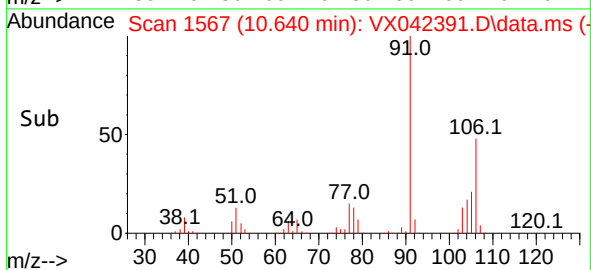
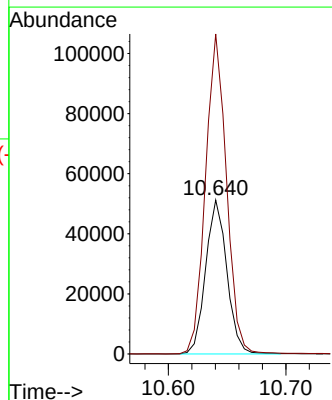
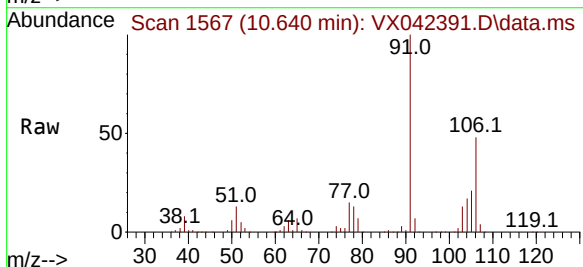
Manual Integrations
APPROVED

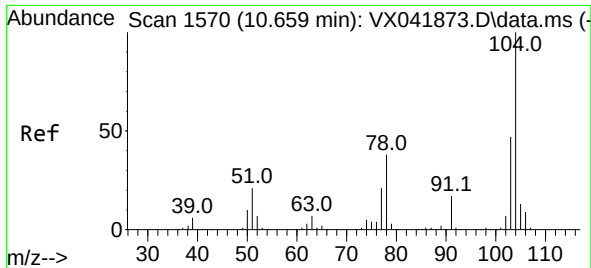
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#68
o-Xylene
Concen: 18.436 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:106 Resp: 64316
Ion Ratio Lower Upper
106 100
91 204.7 103.2 309.6





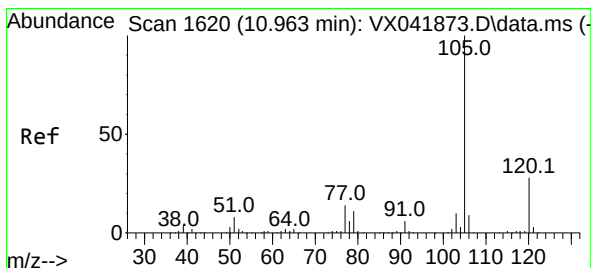
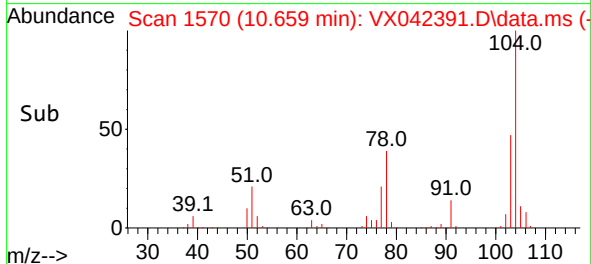
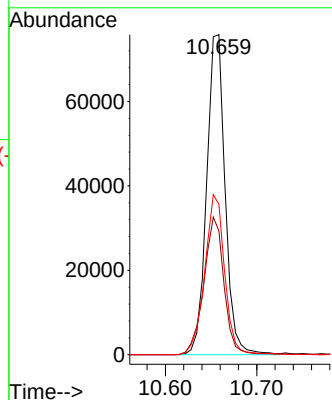
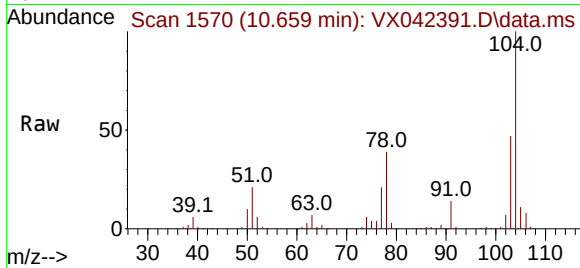
#69
Styrene
Concen: 18.293 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 10664
Ion Ratio Lower Upper
104 100
78 46.6 36.5 54.7
103 53.8 43.4 65.2

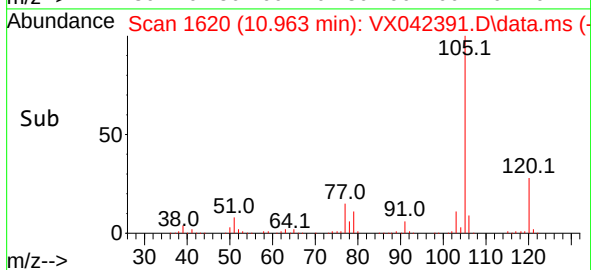
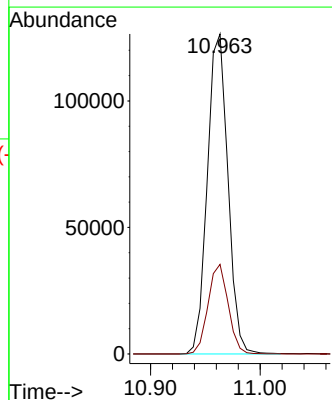
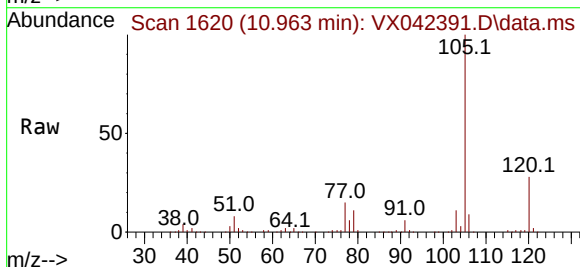
Manual Integrations
APPROVED

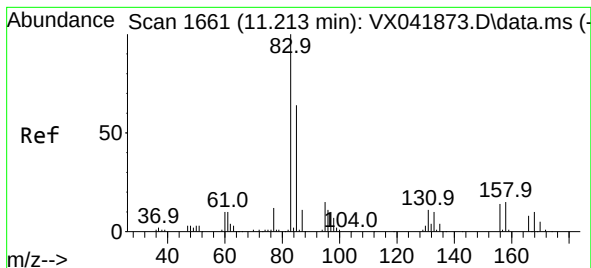
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#70
Isopropylbenzene
Concen: 18.794 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:105 Resp: 164847
Ion Ratio Lower Upper
105 100
120 27.4 19.2 35.6





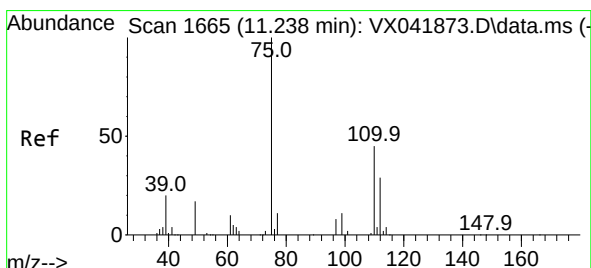
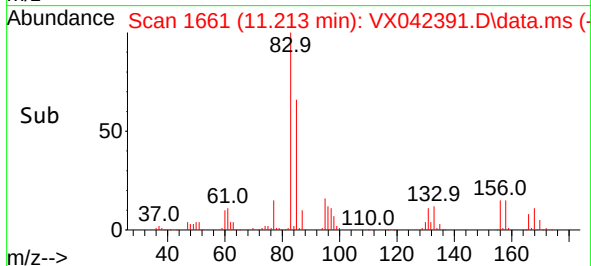
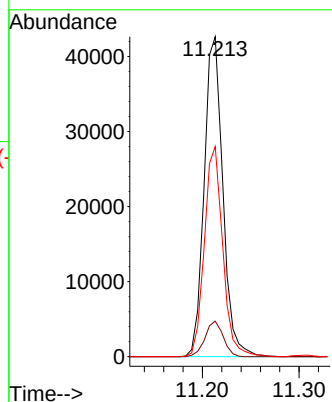
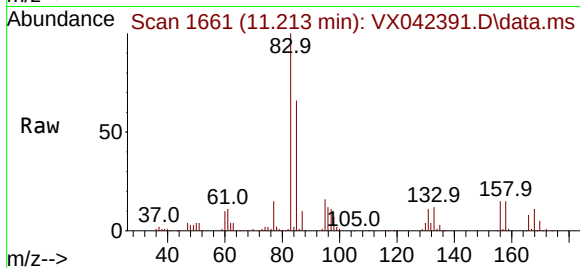
#71
1,1,2,2-Tetrachloroethane
Concen: 18.940 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 57490
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.7
85 64.5 32.6 97.7

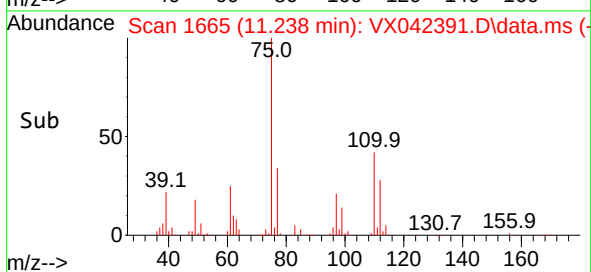
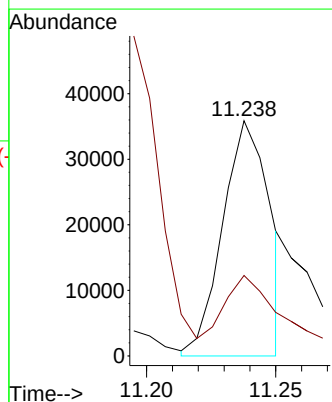
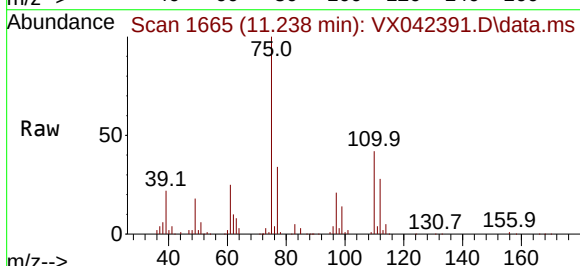
Manual Integrations
APPROVED

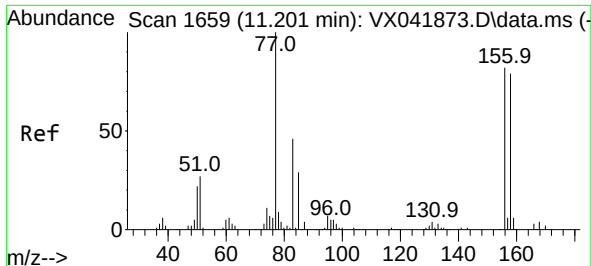
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#72
1,2,3-Trichloropropane
Concen: 18.482 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

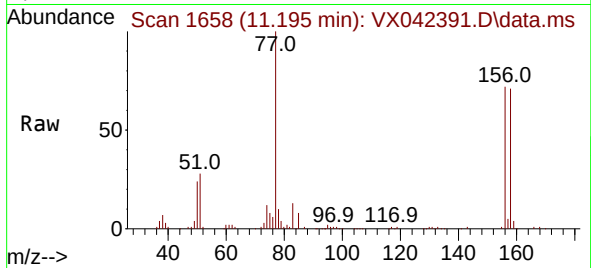
Tgt Ion: 75 Resp: 45444
Ion Ratio Lower Upper
75 100
77 44.5 0.0 79.6





#73
Bromobenzene
Concen: 18.259 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

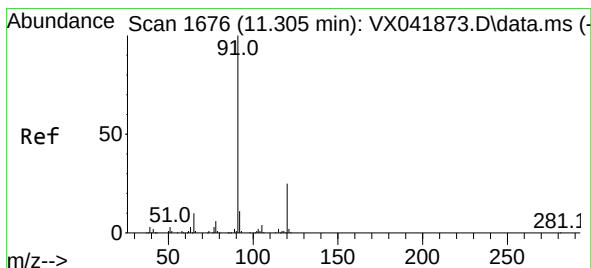
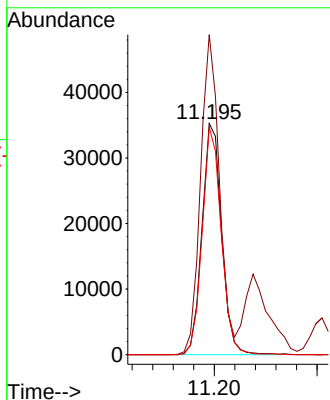
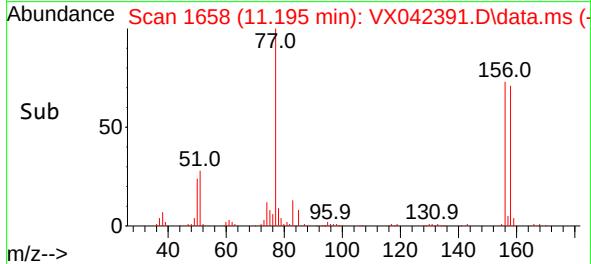
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



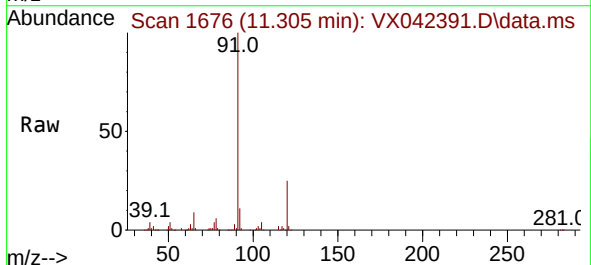
Tgt Ion:156 Resp: 4671
Ion Ratio Lower Upper
156 100
77 133.0 0.0 266.2
158 95.6 0.0 195.2

Manual Integrations
APPROVED

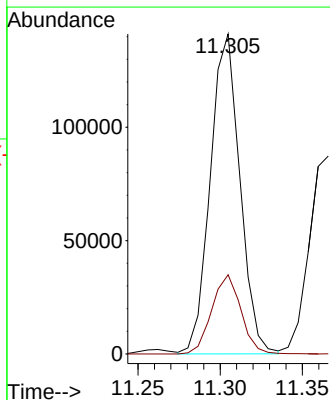
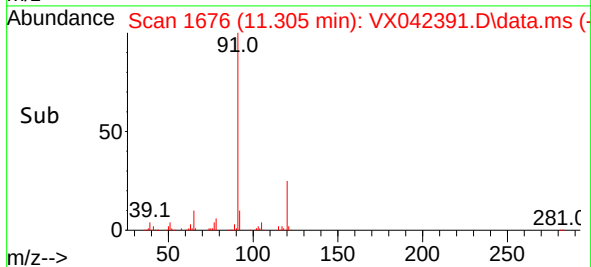
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

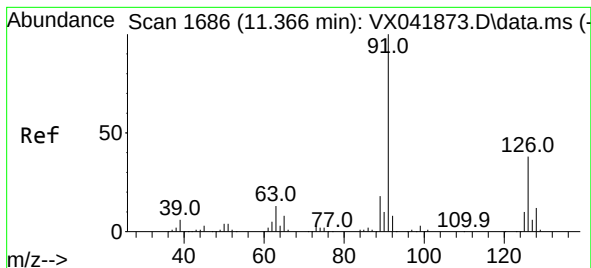


#74
n-propylbenzene
Concen: 18.359 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46



Tgt Ion: 91 Resp: 176896
Ion Ratio Lower Upper
91 100
120 24.4 0.0 49.6





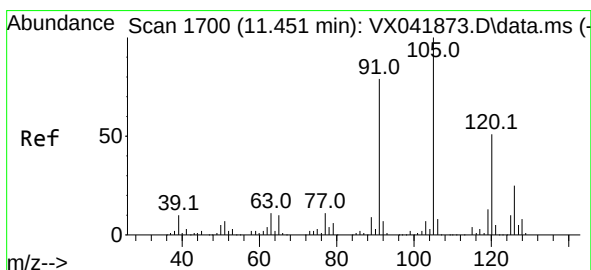
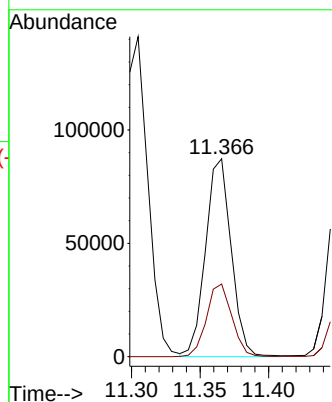
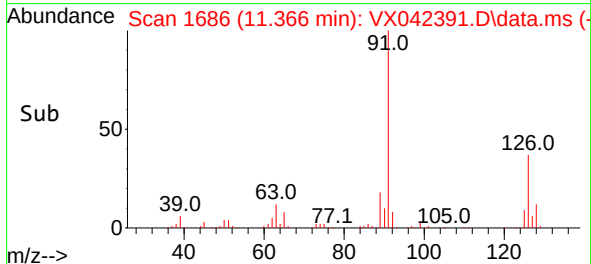
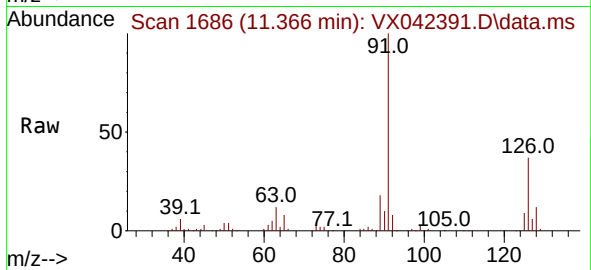
#75
2-Chlorotoluene
Concen: 18.609 ug/l
RT: 11.366 min Scan# 11386
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 11386
Ion Ratio Lower Upper
91 100
126 36.2 0.0 72.6

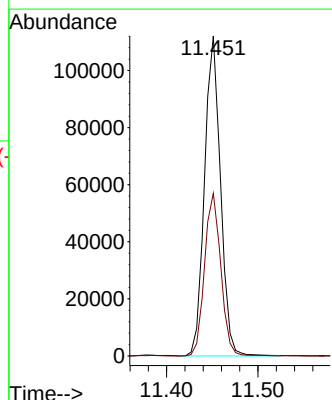
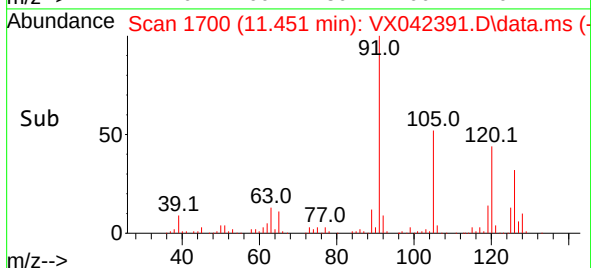
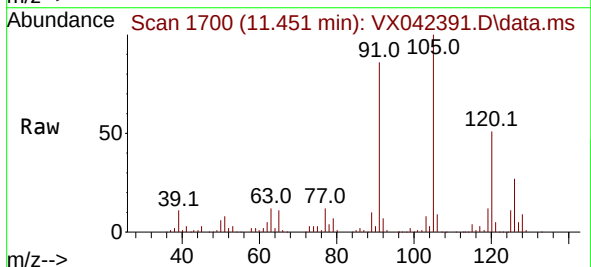
Manual Integrations
APPROVED

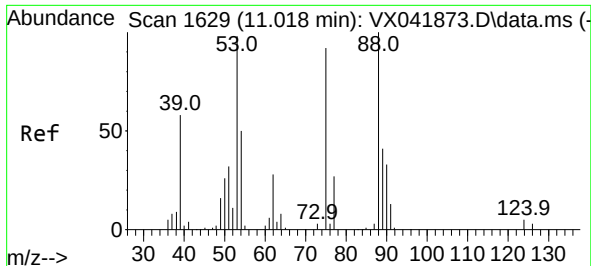
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:105 Resp: 136135
Ion Ratio Lower Upper
105 100
120 51.4 0.0 103.0





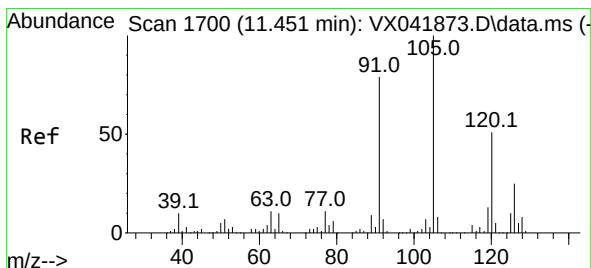
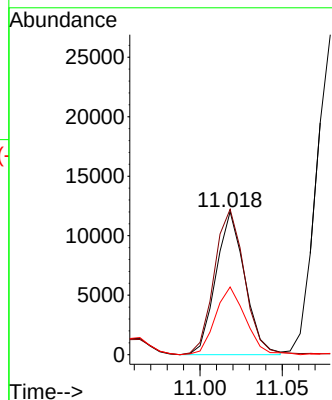
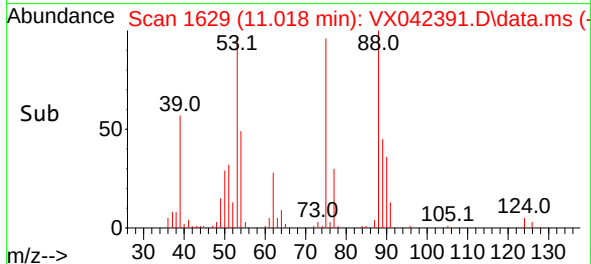
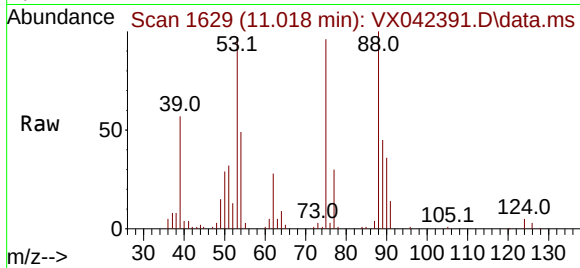
#77
t-1,4-Dichloro-2-butene
Concen: 16.171 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 14709
Ion Ratio Lower Upper
75 100
53 101.7 53.4 160.2
89 47.3 22.5 67.5

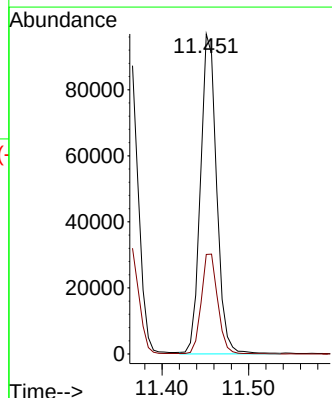
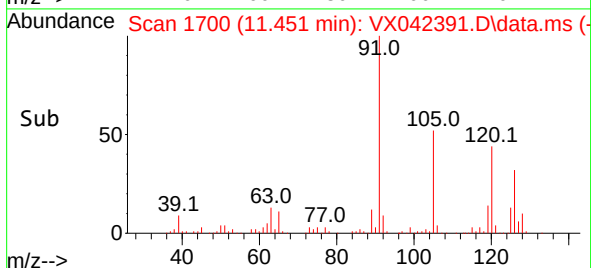
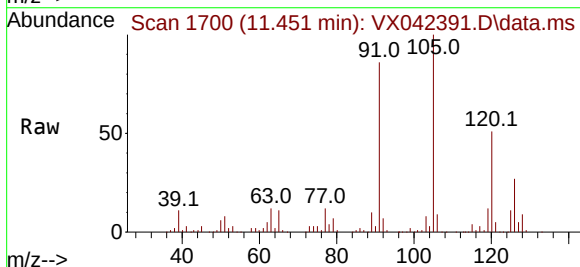
Manual Integrations
APPROVED

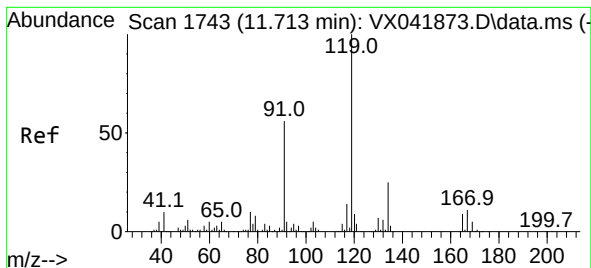
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#78
4-Chlorotoluene
Concen: 18.428 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

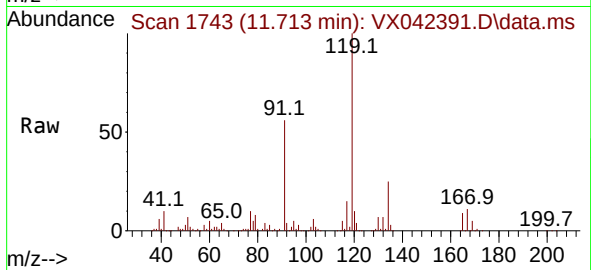
Tgt Ion: 91 Resp: 125257
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.8





#79
tert-butylbenzene
Concen: 18.549 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

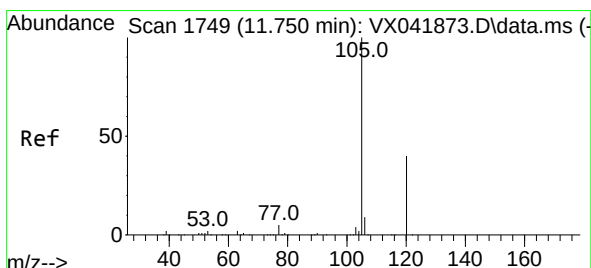
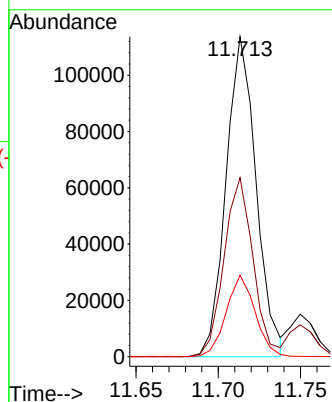
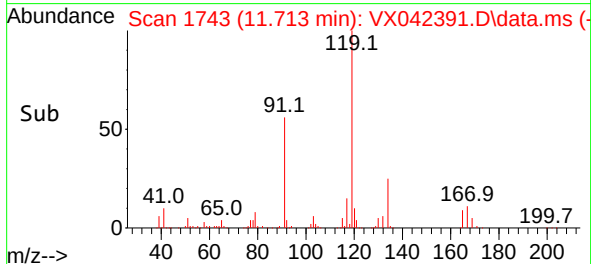
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 144683
Ion Ratio Lower Upper
119 100
91 54.1 0.0 106.0
134 24.5 0.0 49.4

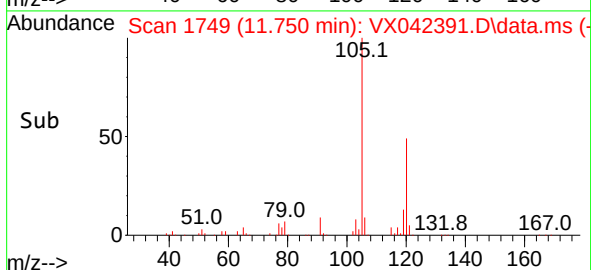
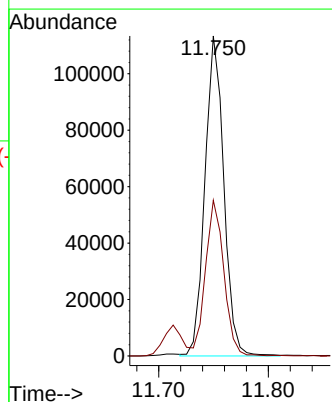
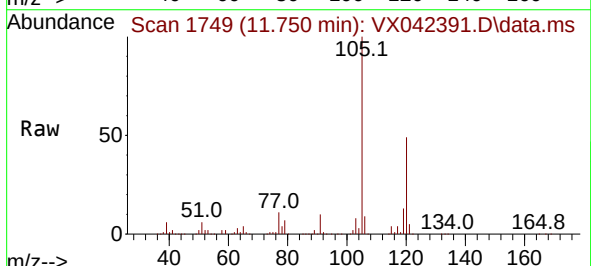
Manual Integrations
APPROVED

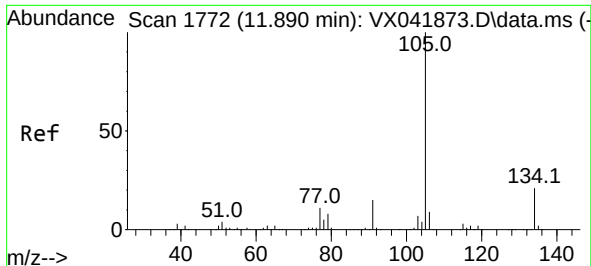
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.470 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

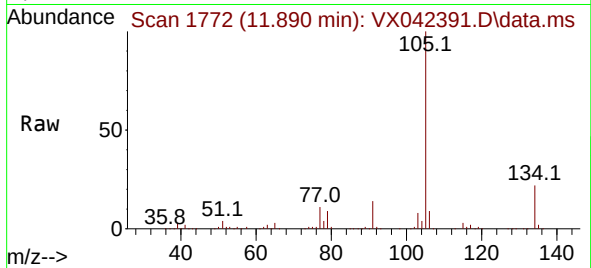
Tgt Ion:105 Resp: 135598
Ion Ratio Lower Upper
105 100
120 47.0 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 18.735 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042391.D
 Acq: 19 Jul 2024 09:46

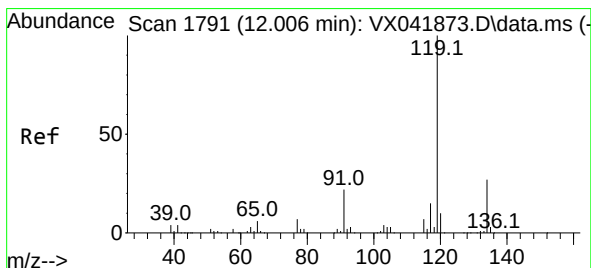
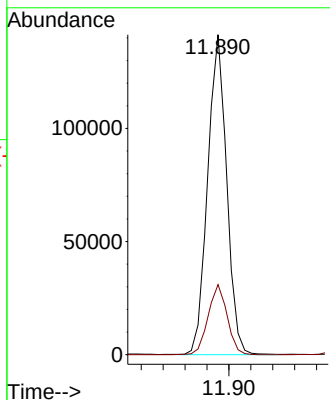
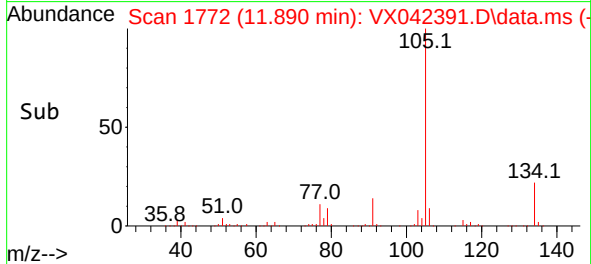
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



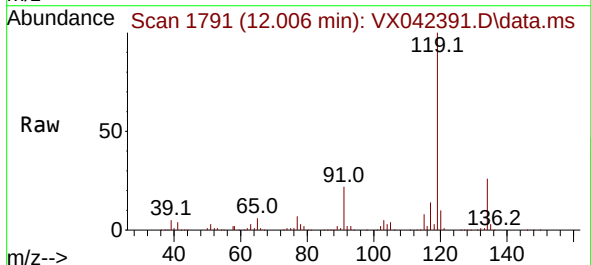
Tgt Ion:105 Resp: 17045
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.2

Manual Integrations
 APPROVED

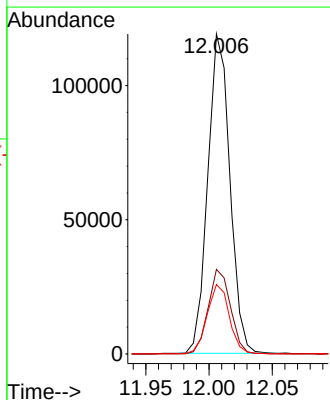
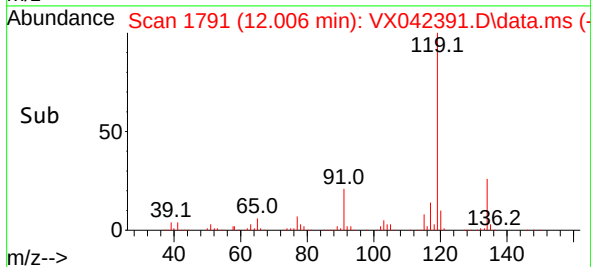
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024

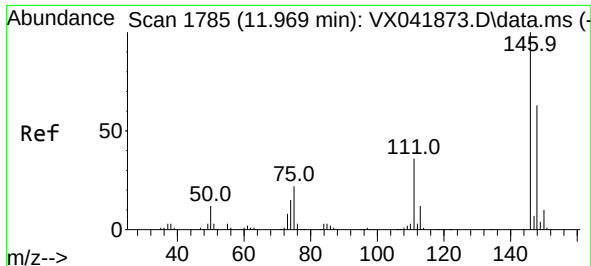


#82
 p-Isopropyltoluene
 Concen: 18.145 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042391.D
 Acq: 19 Jul 2024 09:46



Tgt Ion:119 Resp: 144662
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.0
 91 21.9 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 17.921 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042391.D

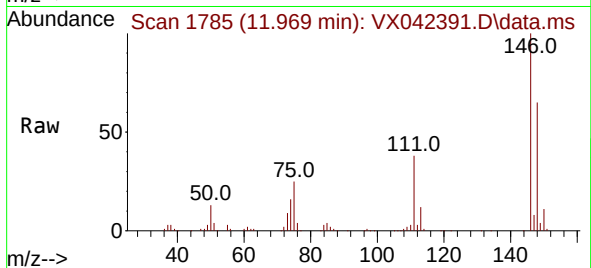
Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020



Tgt Ion:146 Resp: 81750

Ion Ratio Lower Upper

146 100

111 37.3 18.0 54.0

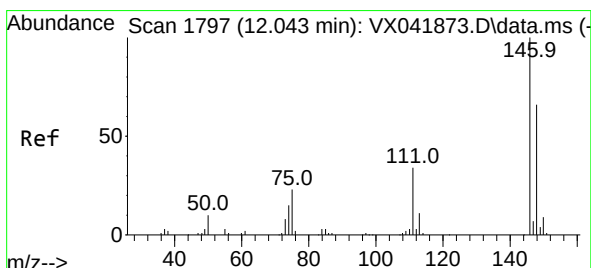
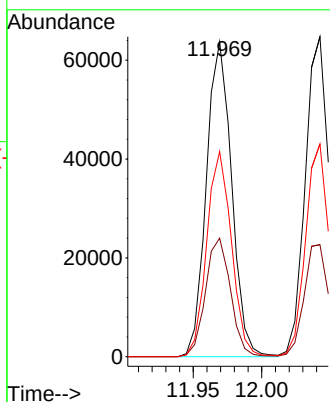
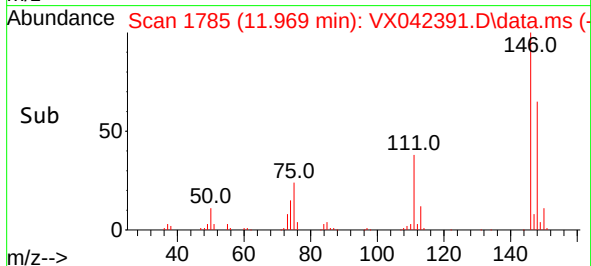
148 64.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#84

1,4-Dichlorobenzene

Concen: 17.599 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

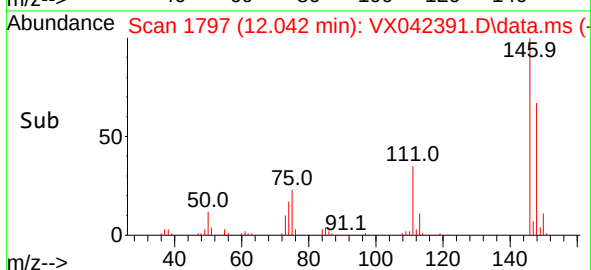
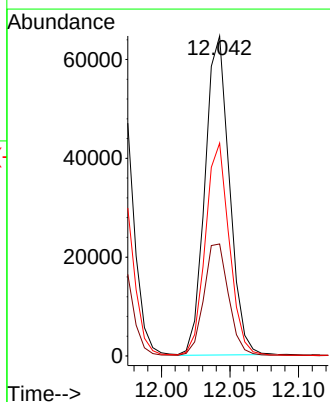
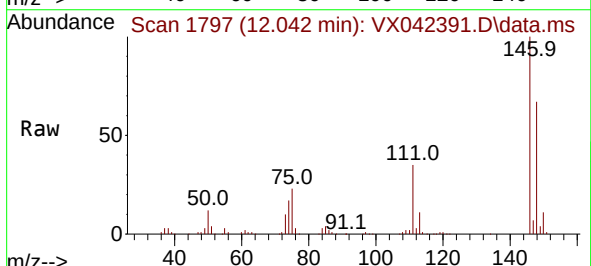
Tgt Ion:146 Resp: 79916

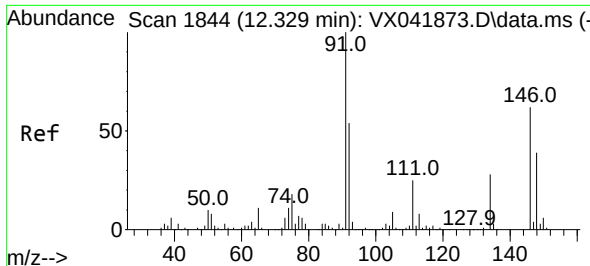
Ion Ratio Lower Upper

146 100

111 36.3 17.4 52.3

148 65.7 32.3 96.9





#85

n-Butylbenzene

Concen: 17.628 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

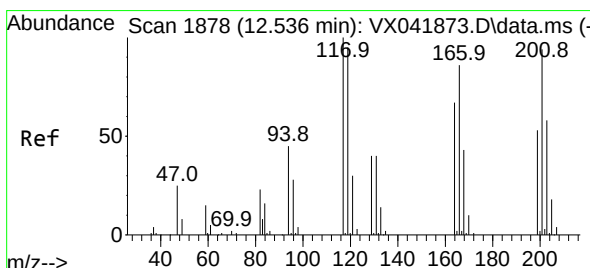
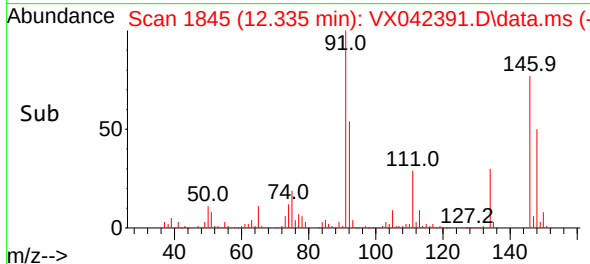
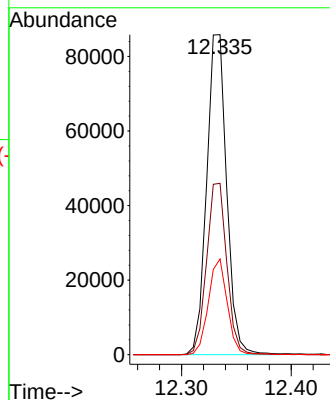
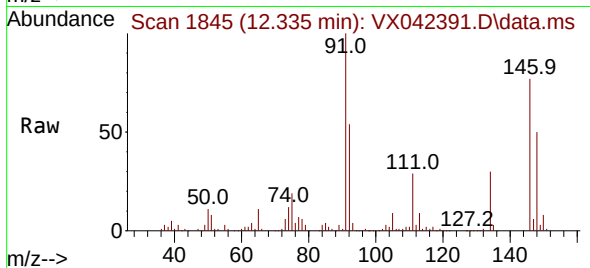
Tgt Ion:	91	Resp:	10867
Ion Ratio	Lower	Upper	
91	100		
92	54.2	0.0	109.8
134	28.2	0.0	58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#86

Hexachloroethane

Concen: 17.977 ug/l

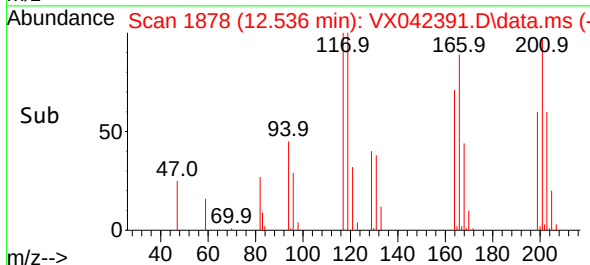
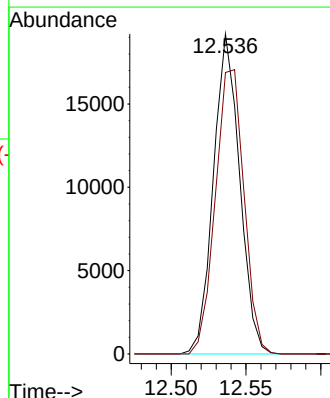
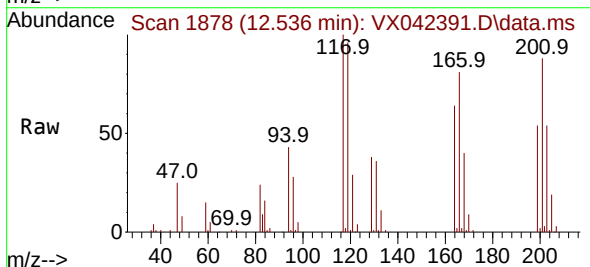
RT: 12.536 min Scan# 1878

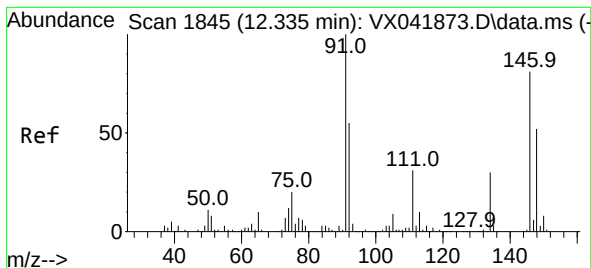
Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Tgt Ion:	117	Resp:	23406
Ion Ratio	Lower	Upper	
117	100		
201	97.3	48.9	146.8





#87

1,2-Dichlorobenzene

Concen: 18.078 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 8340

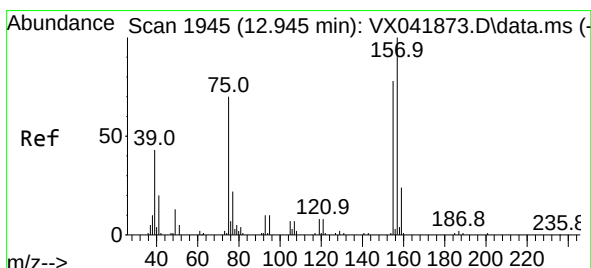
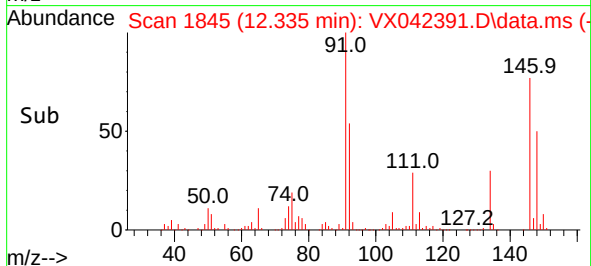
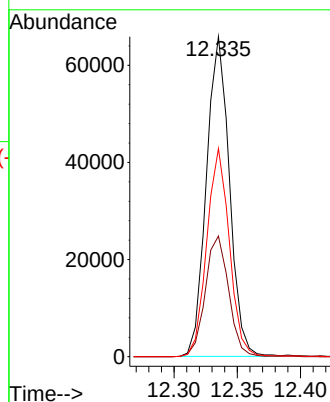
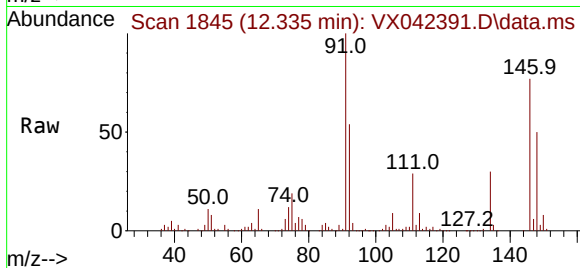
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	63.9	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.587 ug/l

RT: 12.945 min Scan# 1945

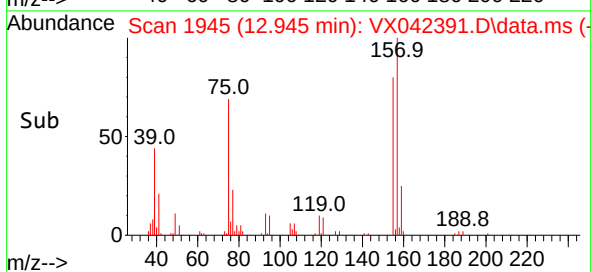
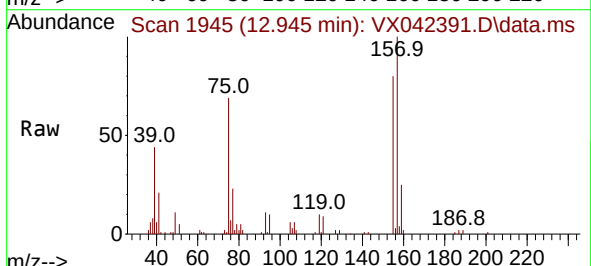
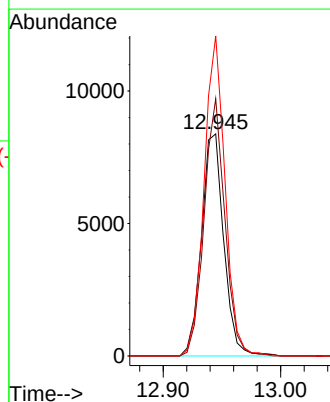
Delta R.T. -0.000 min

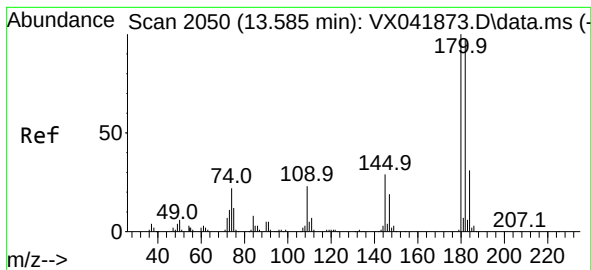
Lab File: VX042391.D

Acq: 19 Jul 2024 09:46

Tgt Ion: 75 Resp: 11043

Ion	Ratio	Lower	Upper
75	100		
155	108.2	88.6	133.0
157	135.1	112.8	169.2





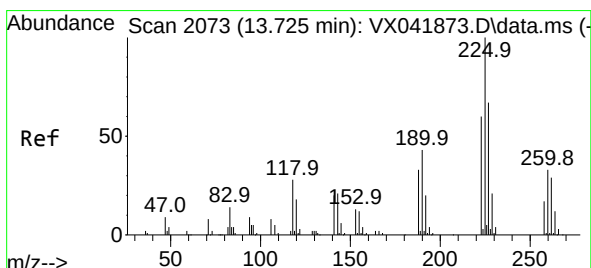
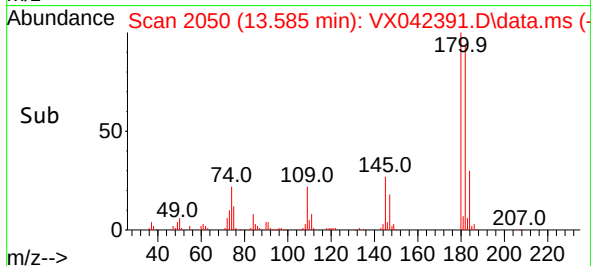
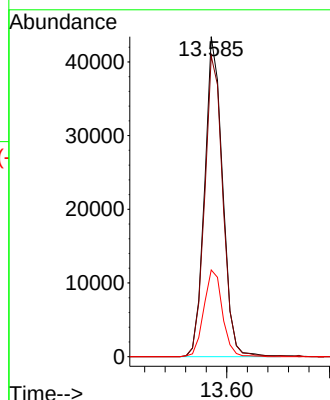
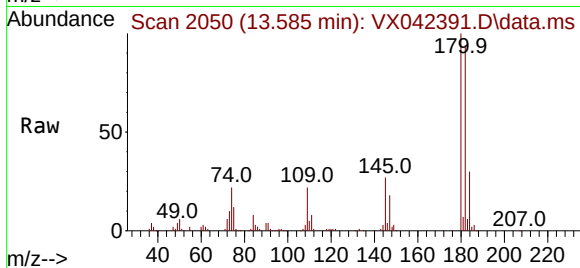
#89
1,2,4-Trichlorobenzene
Concen: 16.895 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:180 Resp: 5276
Ion Ratio Lower Upper
180 100
182 95.4 76.9 115.3
145 28.1 22.8 34.2

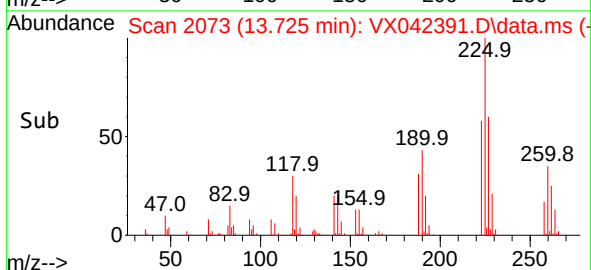
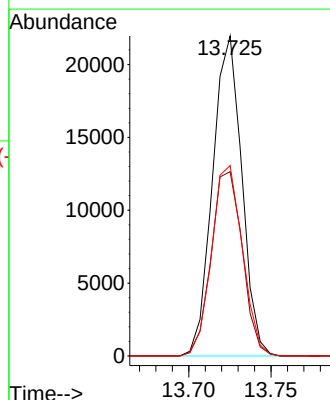
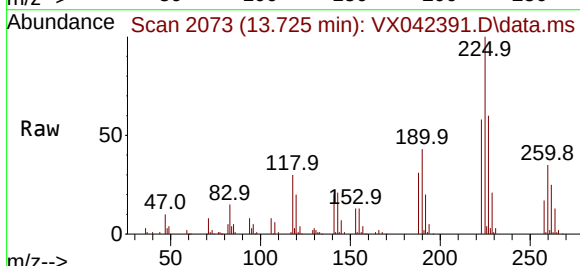
Manual Integrations
APPROVED

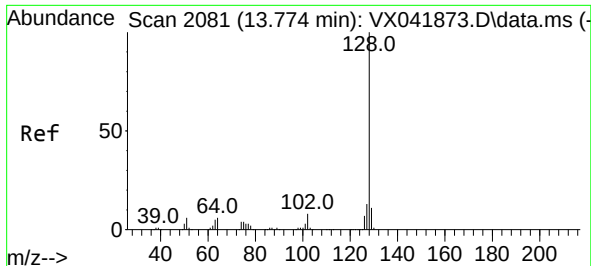
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#90
Hexachlorobutadiene
Concen: 17.614 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

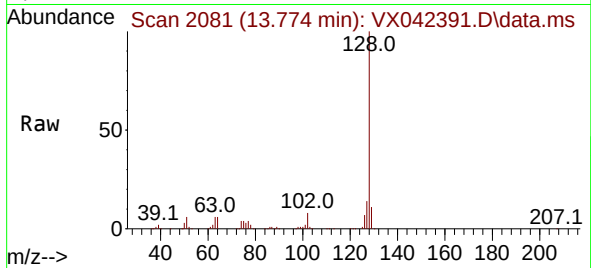
Tgt Ion:225 Resp: 27107
Ion Ratio Lower Upper
225 100
223 61.4 0.0 120.8
227 62.7 0.0 126.6





#91
Naphthalene
Concen: 17.342 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

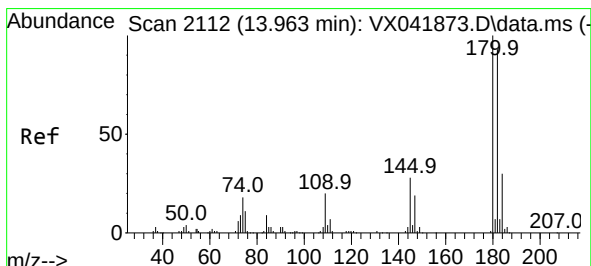
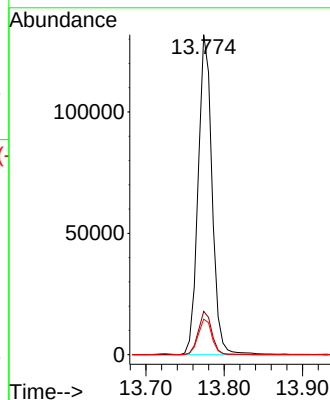
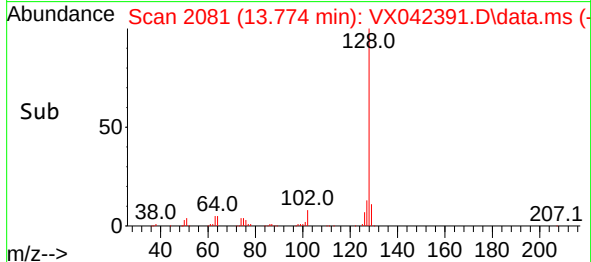
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 163648
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.198 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042391.D
Acq: 19 Jul 2024 09:46

Tgt Ion:180 Resp: 55626
Ion Ratio Lower Upper
180 100
182 95.8 0.0 187.8
145 30.5 0.0 58.4

