

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042294.D
 Acq On : 12 Jul 2024 11:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 02:51:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	25952	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	144240	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	134281	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	53321	29.846	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.500%		
60) 4-Bromofluorobenzene	11.079	95	62851	30.238	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.800%		
63) Toluene-d8	8.647	98	170056	29.601	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.667%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31060	18.489	ug/l	95
3) Chloromethane	1.300	50	29350	15.629	ug/l	99
4) Vinyl Chloride	1.374	62	30170	16.428	ug/l	98
5) Bromomethane	1.599	94	16533	16.841	ug/l	99
6) Chloroethane	1.666	64	16529	21.066	ug/l	99
7) Trichlorofluoromethane	1.874	101	48836	21.116	ug/l	98
8) Diethyl Ether	2.136	74	18398	18.381	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	32188	20.472	ug/l	99
10) 1,1-Dichloroethene	2.312	96	29650	18.694	ug/l	96
11) Methyl Iodide	2.447	142	29657	14.367	ug/l	96
12) Methyl Acetate	2.703	43	46879	23.183	ug/l	99
13) Acrolein	2.239	56	35968	88.216	ug/l	98
14) Acrylonitrile	3.068	53	89266	93.009	ug/l	100
15) Acetone	2.386	58	25094	91.399	ug/l	92
16) Carbon Disulfide	2.508	76	57091	16.425	ug/l	100
17) Allyl chloride	2.660	41	45210	18.769	ug/l	96
18) Methylene Chloride	2.788	84	34165	18.780	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	29710	18.700	ug/l	98
20) Diisopropyl ether	3.763	45	94889	19.165	ug/l	97
21) 1,1-Dichloroethane	3.605	63	54731	19.352	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	37212	19.348	ug/l	100
23) tert-Butyl Alcohol	2.989	59	31786	89.081	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	96203	19.609	ug/l	100
25) Chloroform	5.092	83	57681	20.069	ug/l	97
26) Cyclohexane	5.464	56	45157	18.383	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	37553	19.948	ug/l	97
30) 2-Butanone	4.562	43	118490	94.198	ug/l	99
31) 2,2-Dichloropropane	4.471	77	38160	18.499	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	48562	20.350	ug/l	100
33) Carbon Tetrachloride	5.672	117	42296	20.550	ug/l	95
34) Benzene	6.031	78	124638	19.874	ug/l	98
35) Methacrylonitrile	4.922	41	24434	19.339	ug/l	98
36) 1,2-Dichloroethane	6.086	62	40362	20.659	ug/l	99
37) Trichloroethene	7.123	130	34456	20.115	ug/l	95
38) Methylcyclohexane	7.379	83	48352	19.391	ug/l	98
39) 1,2-Dichloropropane	7.427	63	29639	19.841	ug/l	99
40) Dibromomethane	7.580	93	21989	19.898	ug/l	96
41) Bromodichloromethane	7.818	83	40348	20.380	ug/l	99
42) Vinyl Acetate	3.721	43	395059	93.828	ug/l	100

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Instrument :
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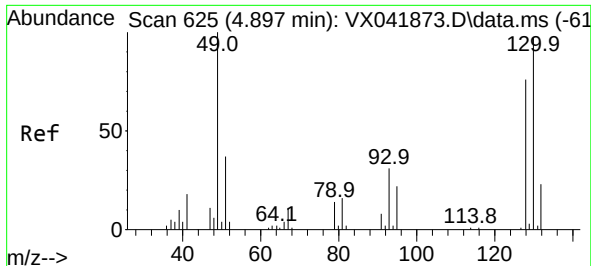
Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

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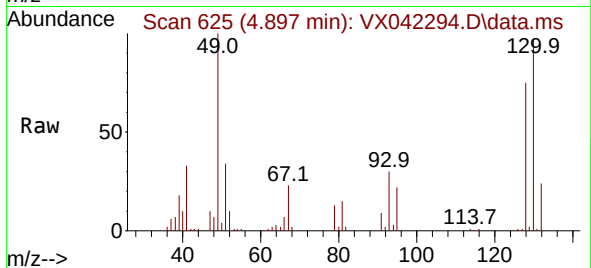
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	44204	18.742	ug/l	100
44) Isopropyl Acetate	6.342	43	67069	18.986	ug/l	100
45) 1,4-Dioxane	7.665	88	16006m	371.713	ug/l	
46) Methyl methacrylate	7.696	41	32181	18.632	ug/l	98
47) n-amyl Acetate	10.841	43	58144	18.339	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	38084	18.683	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	45147	19.745	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	32242	20.065	ug/l	96
51) Ethyl methacrylate	9.116	69	48207	18.885	ug/l	98
52) 1,3-Dichloropropane	9.305	76	53530	20.377	ug/l	97
53) Dibromochloromethane	9.518	129	35579	20.233	ug/l	99
54) 1,2-Dibromoethane	9.610	107	34733	20.498	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	122508	103.110	ug/l	100
56) Bromoform	10.799	173	27688	19.310	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	235278	97.780	ug/l	99
59) 2-Hexanone	9.433	43	178595	96.164	ug/l	100
61) Tetrachloroethene	9.269	164	36056	21.339	ug/l	97
62) Toluene	8.714	91	136359	20.067	ug/l	99
64) Chlorobenzene	10.079	112	92976	20.093	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	32458	20.311	ug/l	98
66) Ethyl Benzene	10.189	91	148417	19.978	ug/l	97
67) m/p-Xylenes	10.299	106	120396	40.291	ug/l	98
68) o-Xylene	10.640	106	59281	19.898	ug/l	99
69) Styrene	10.652	104	100575	20.202	ug/l	99
70) Isopropylbenzene	10.963	105	154401	20.612	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	51647	19.922	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	41581m	19.803	ug/l	
73) Bromobenzene	11.195	156	44275	20.263	ug/l	97
74) n-propylbenzene	11.305	91	167512	20.357	ug/l	100
75) 2-Chlorotoluene	11.360	91	105362	20.164	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	126886	20.219	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12699	16.348	ug/l	90
78) 4-Chlorotoluene	11.451	91	117128	20.179	ug/l	99
79) tert-butylbenzene	11.713	119	134671	20.217	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	129337	20.629	ug/l	97
81) sec-Butylbenzene	11.890	105	159885	20.578	ug/l	100
82) p-Isopropyltoluene	12.006	119	138634	20.362	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	79259	20.345	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	79222	20.429	ug/l	98
85) n-Butylbenzene	12.329	91	103619	19.681	ug/l	99
86) Hexachloroethane	12.536	117	21317	19.172	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	80068	20.322	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9812	18.298	ug/l	100
89) 1,2,4-Trichlorobenzene	13.591	180	51279	19.227	ug/l	98
90) Hexachlorobutadiene	13.725	225	27062	20.592	ug/l	97
91) Naphthalene	13.774	128	154296	19.147	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	55795	20.200	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

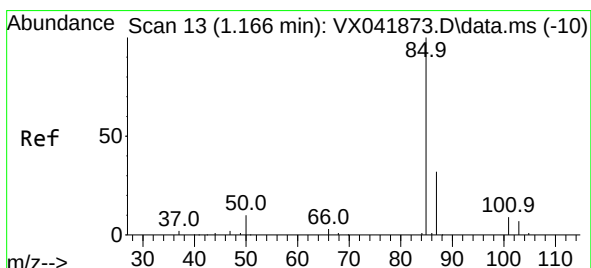
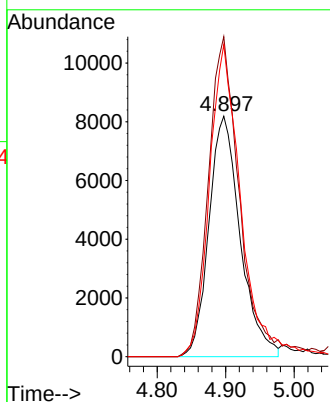
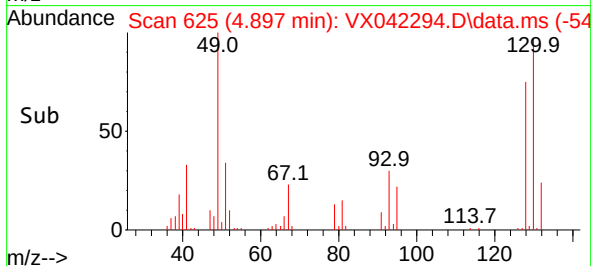
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 2595
Ion Ratio Lower Upper
128 100
49 132.2 0.0 338.5
130 125.3 0.0 324.5

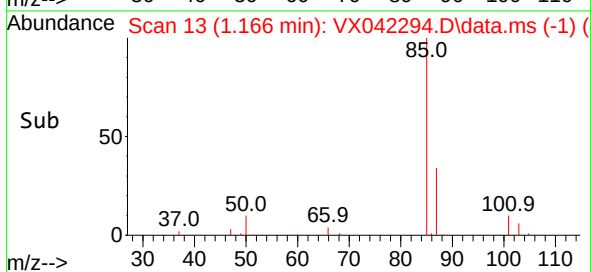
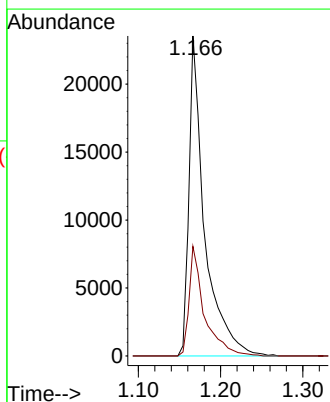
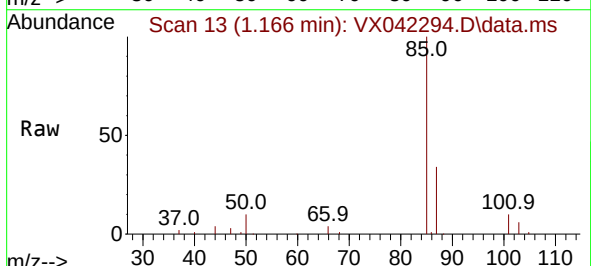
Manual Integrations
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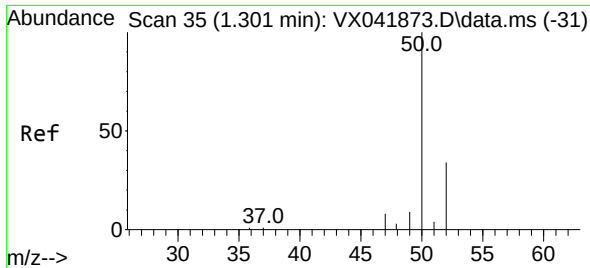
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#2
Dichlorodifluoromethane
Concen: 18.489 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 85 Resp: 31060
Ion Ratio Lower Upper
85 100
87 34.2 15.8 47.3





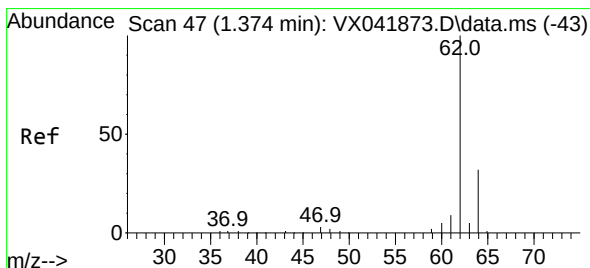
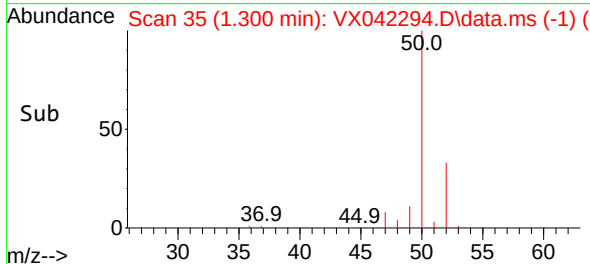
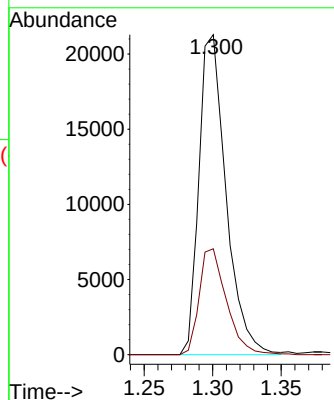
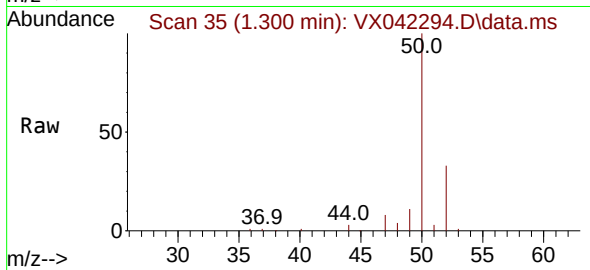
#3
Chloromethane
Concen: 15.629 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 29350
Ion Ratio Lower Upper
50 100
52 33.1 26.9 40.3

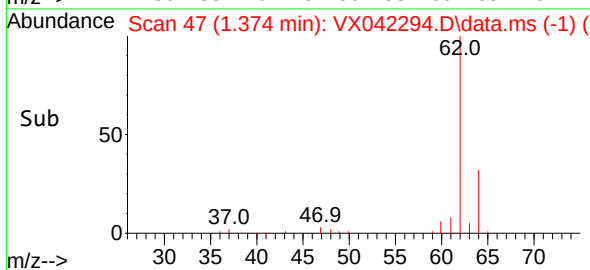
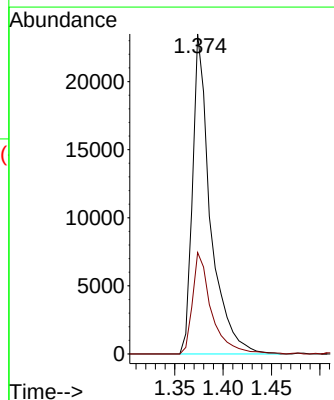
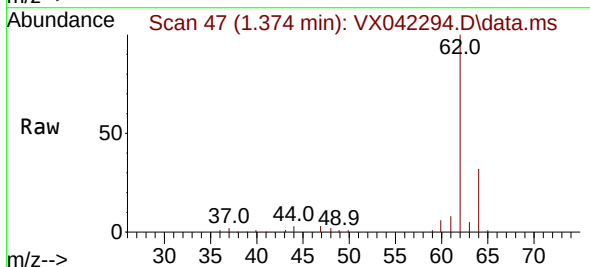
Manual Integrations
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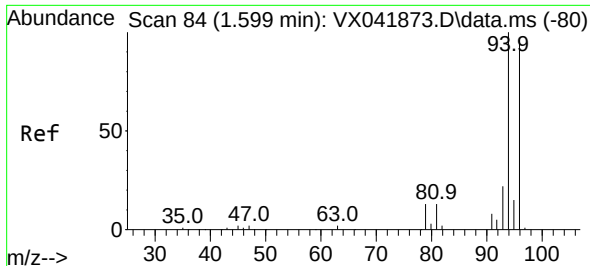
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#4
Vinyl Chloride
Concen: 16.428 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

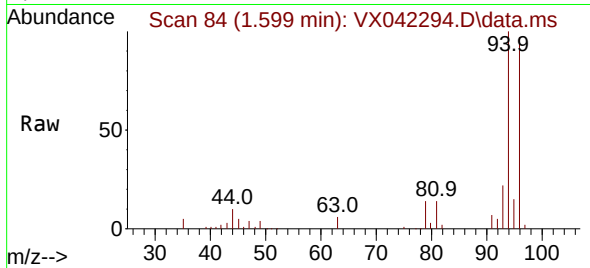
Tgt Ion: 62 Resp: 30170
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1





#5
Bromomethane
Concen: 16.841 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

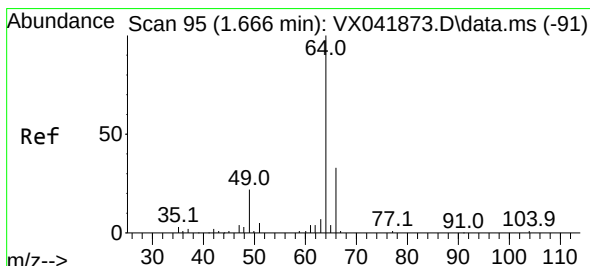
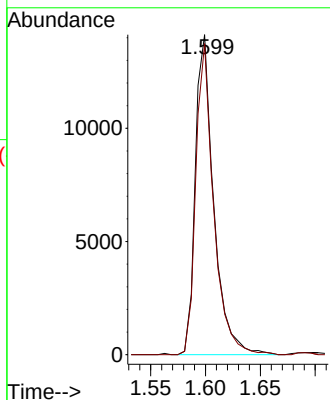
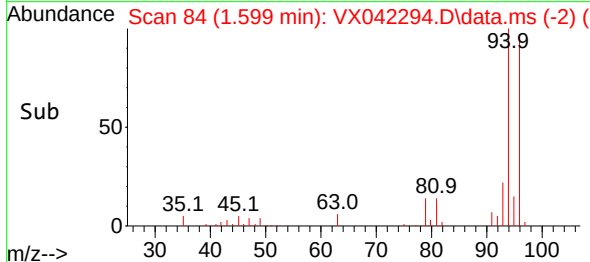
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



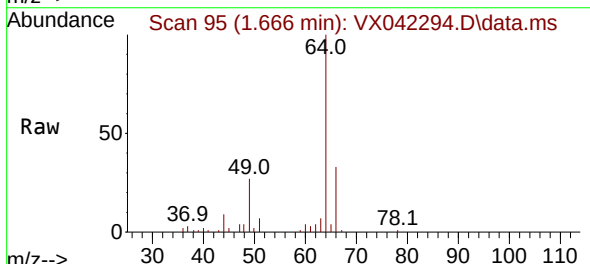
Tgt Ion: 94 Resp: 1653
Ion Ratio Lower Upper
94 100
96 97.2 76.6 115.0

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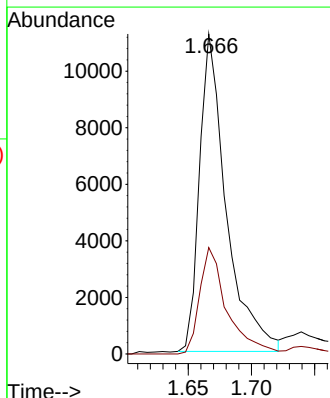
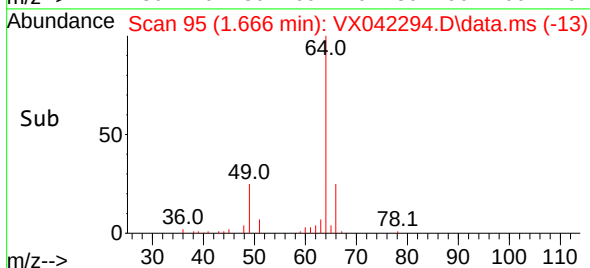
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

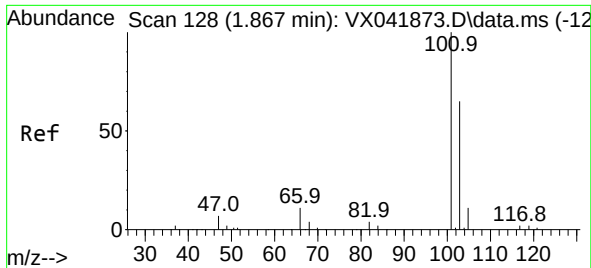


#6
Chloroethane
Concen: 21.066 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



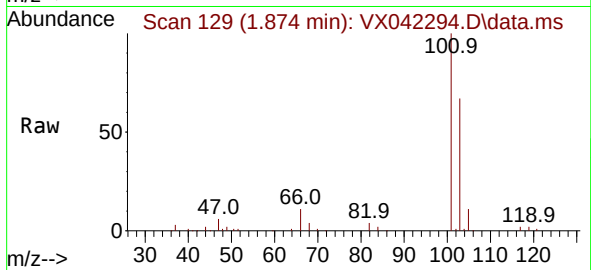
Tgt Ion: 64 Resp: 16529
Ion Ratio Lower Upper
64 100
66 33.5 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.116 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

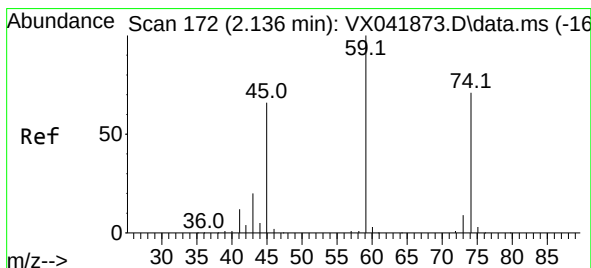
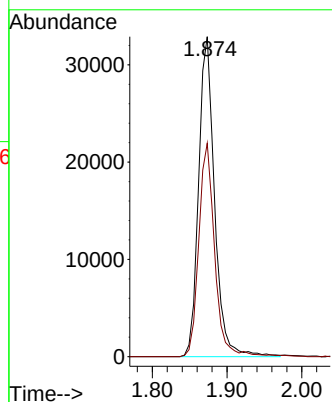
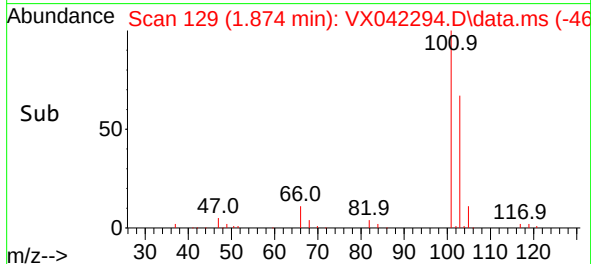
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:101 Resp: 48836
Ion Ratio Lower Upper
101 100
103 66.7 51.8 77.8

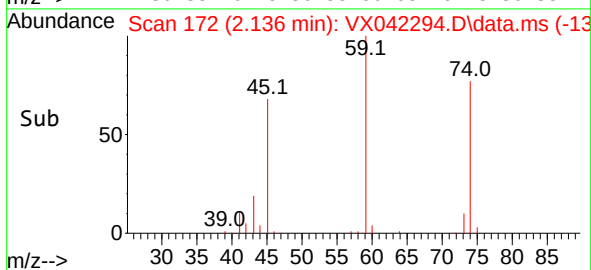
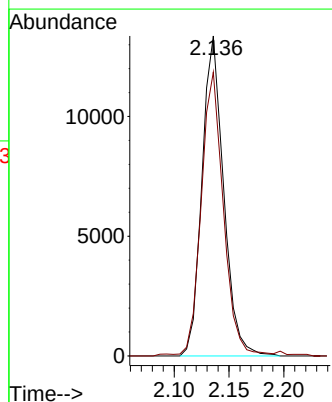
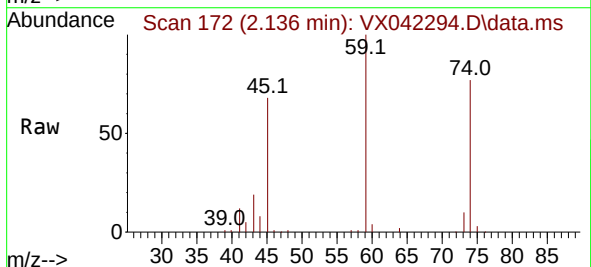
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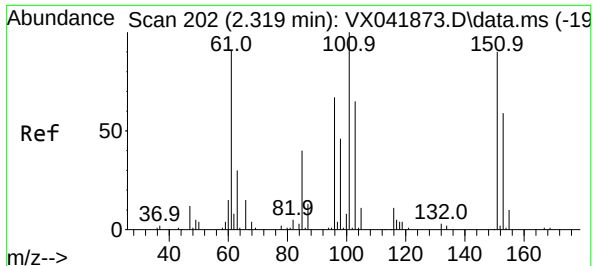
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#8
Diethyl Ether
Concen: 18.381 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 74 Resp: 18398
Ion Ratio Lower Upper
74 100
45 90.5 18.7 168.7





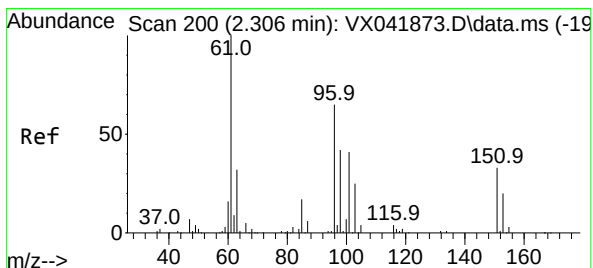
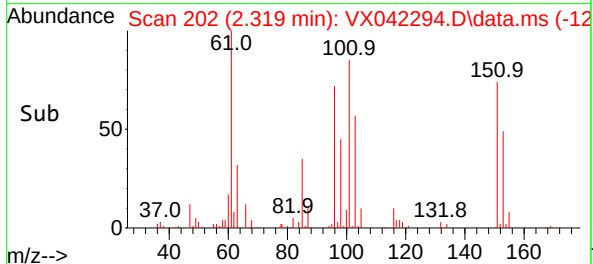
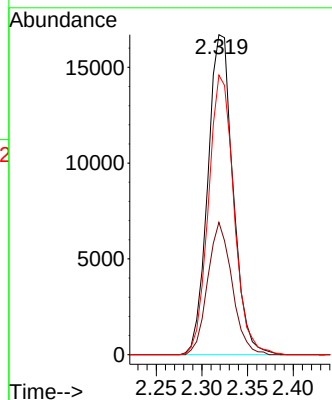
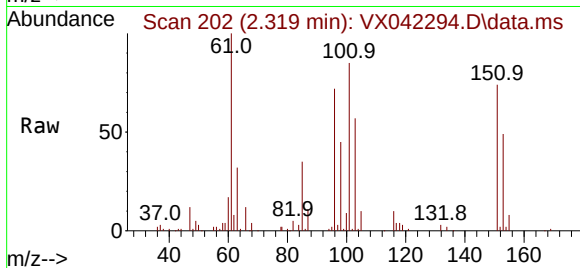
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.472 ug/l
RT: 2.319 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 3218
Ion Ratio Lower Upper
101 100
85 39.8 0.0 80.4
151 88.0 0.0 175.2

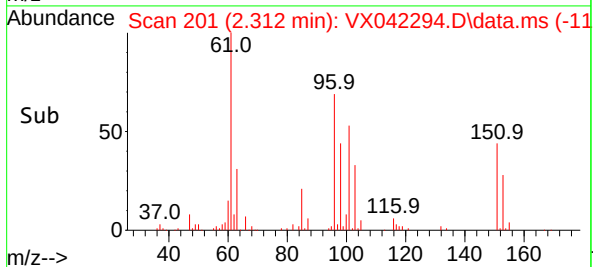
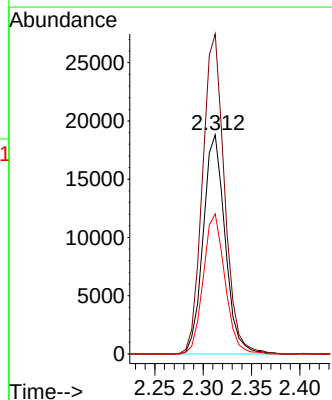
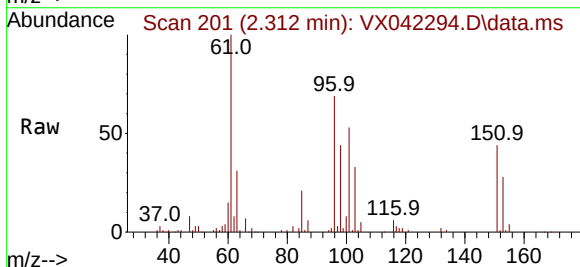
Manual Integrations
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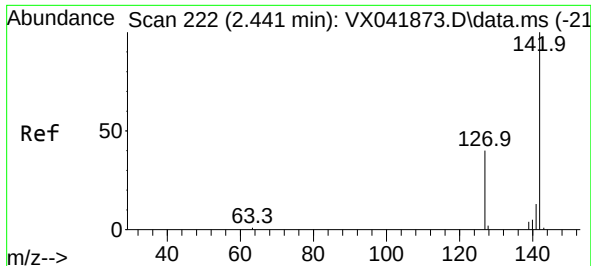
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#10
1,1-Dichloroethene
Concen: 18.694 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 96 Resp: 29650
Ion Ratio Lower Upper
96 100
61 146.0 122.3 183.5
98 63.9 51.5 77.3





#11
Methyl Iodide
Concen: 14.367 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

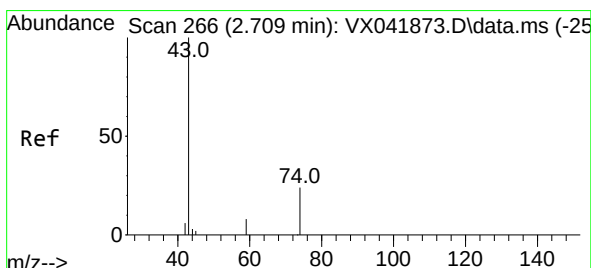
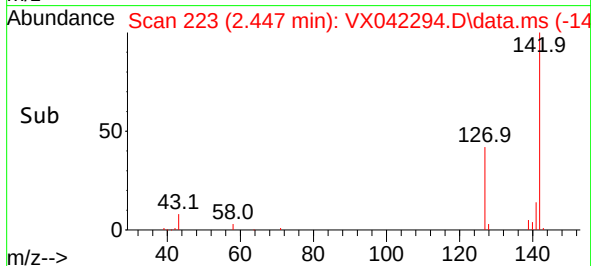
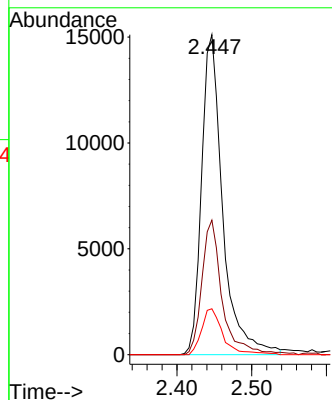
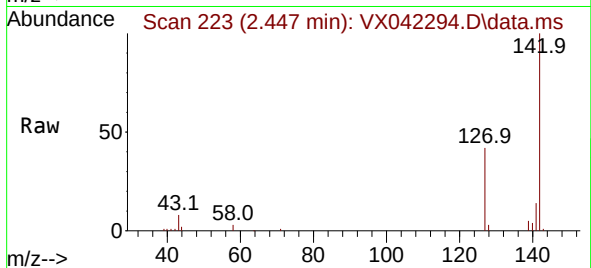
Tgt Ion:142 Resp: 2965
Ion Ratio Lower Upper
142 100
127 42.0 19.8 59.3
141 14.4 6.7 20.1

Manual Integrations

APPROVED

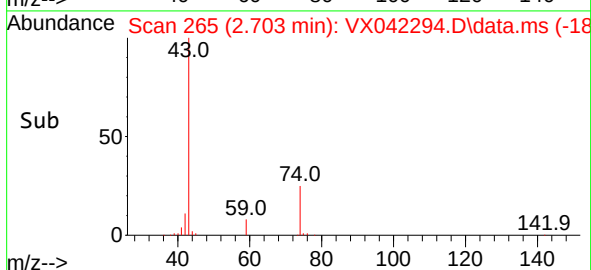
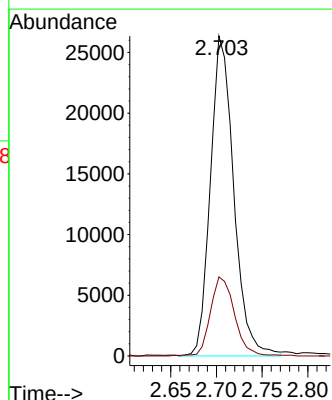
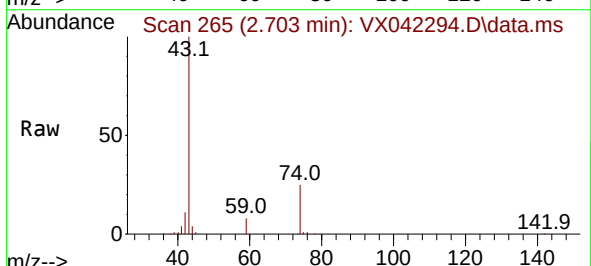
Reviewed By :John Carlone 07/15/2024

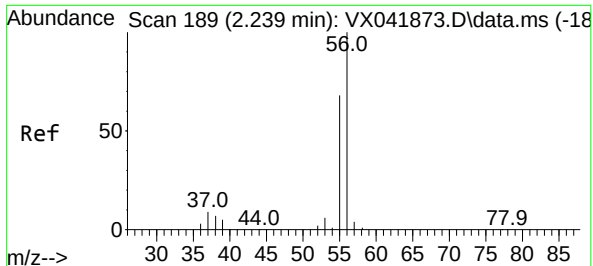
Supervised By :Mahesh Dadoda 07/15/2024



#12
Methyl Acetate
Concen: 23.183 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

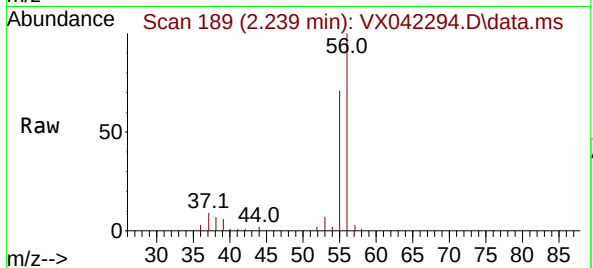
Tgt Ion: 43 Resp: 46879
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#13
Acrolein
Concen: 88.216 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

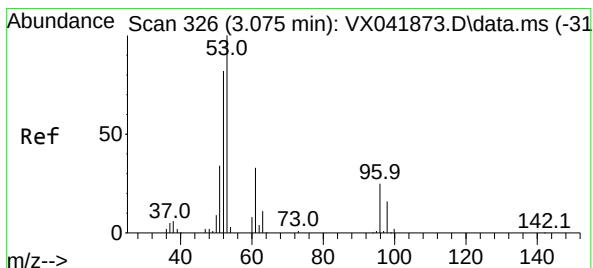
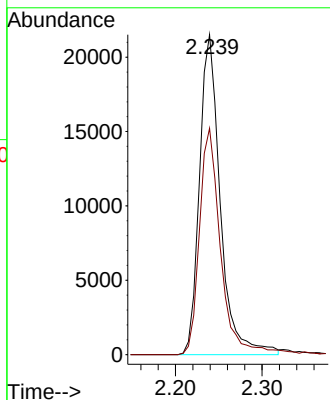
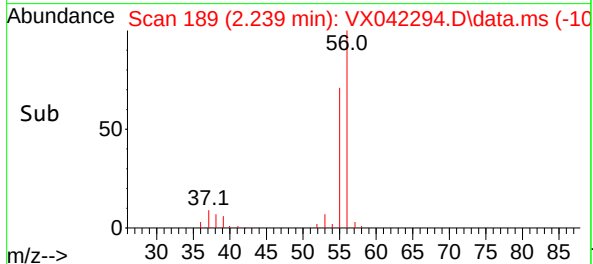
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



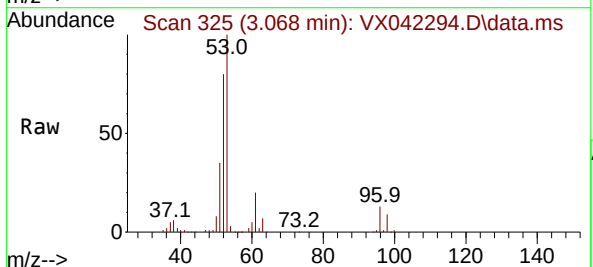
Tgt Ion: 56 Resp: 3596
Ion Ratio Lower Upper
56 100
55 70.5 55.4 83.0

Manual Integrations
APPROVED

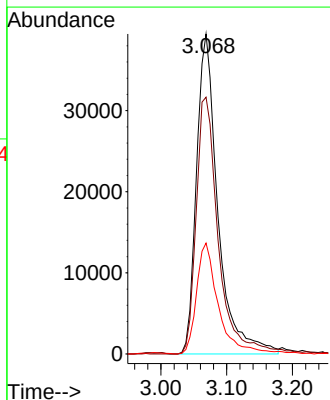
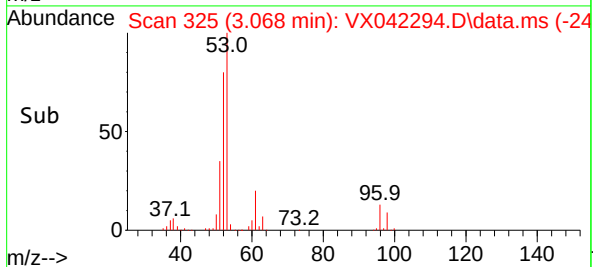
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

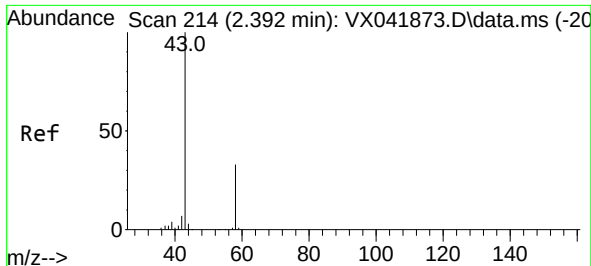


#14
Acrylonitrile
Concen: 93.009 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



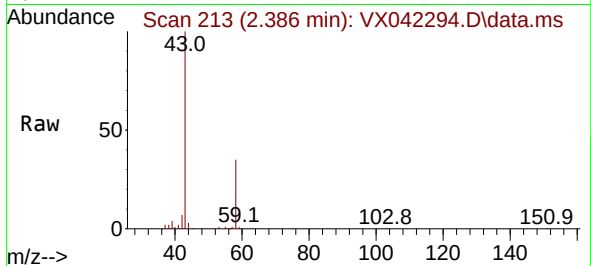
Tgt Ion: 53 Resp: 89266
Ion Ratio Lower Upper
53 100
52 79.7 39.9 119.7
51 35.1 17.4 52.3





#15
Acetone
Concen: 91.399 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

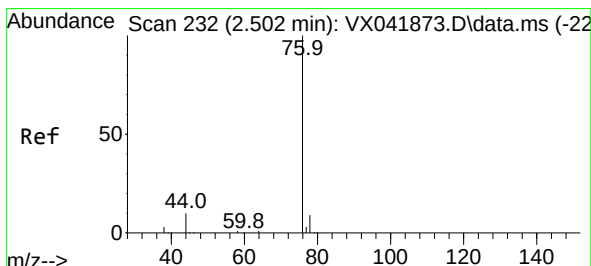
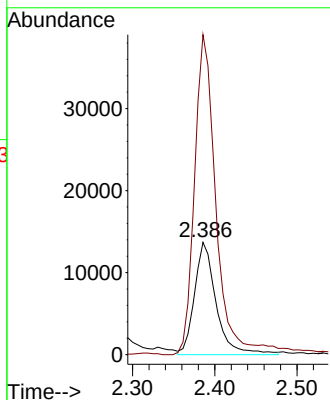
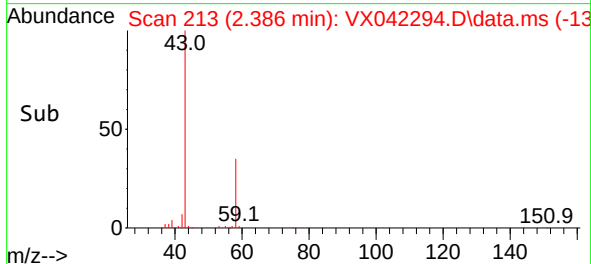
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 25094
Ion Ratio Lower Upper
58 100
43 288.9 243.4 365.2

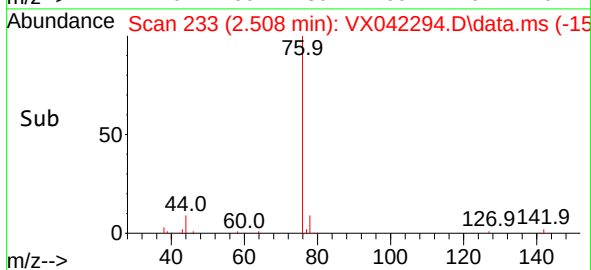
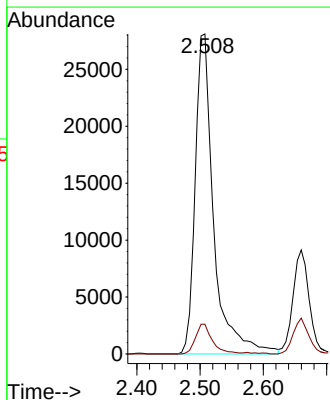
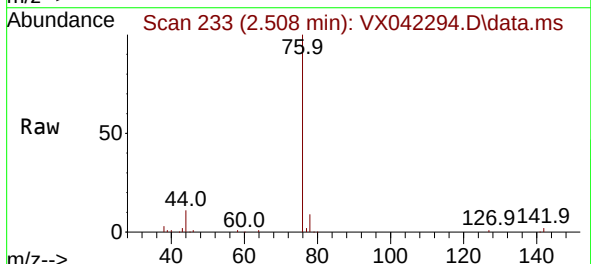
Manual Integrations
APPROVED

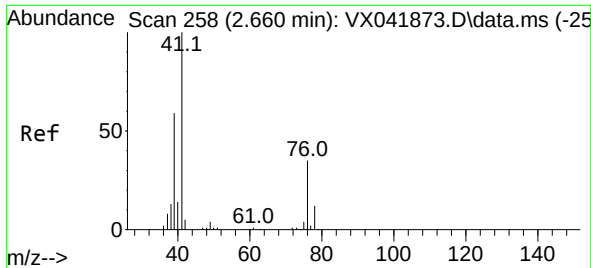
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#16
Carbon Disulfide
Concen: 16.425 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 76 Resp: 57091
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





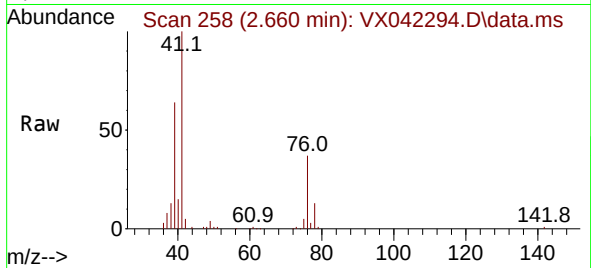
#17
 Allyl chloride
 Concen: 18.769 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042294.D
 Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



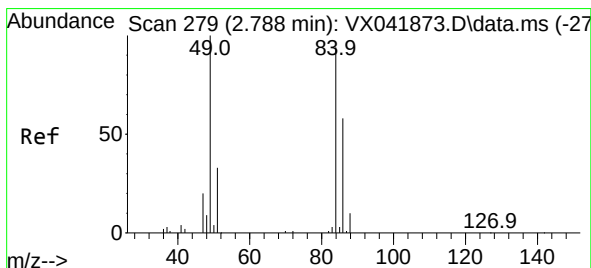
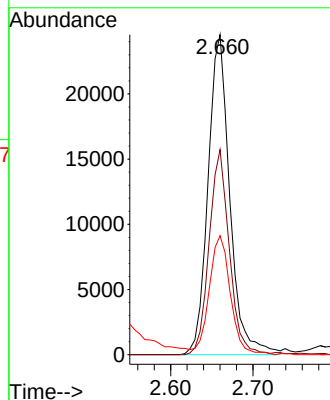
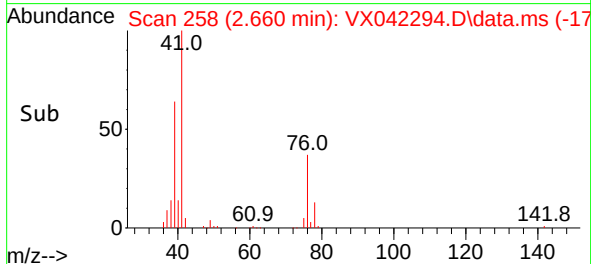
Tgt Ion: 41 Resp: 45210
 Ion Ratio Lower Upper
 41 100
 39 64.1 29.6 88.8
 76 36.9 18.1 54.4

Manual Integrations

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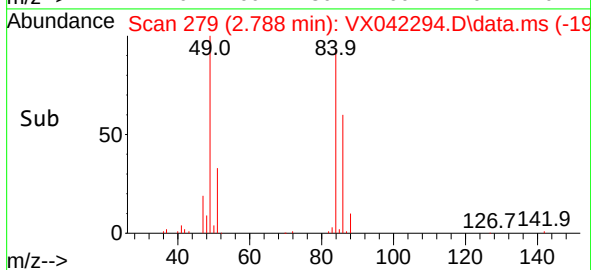
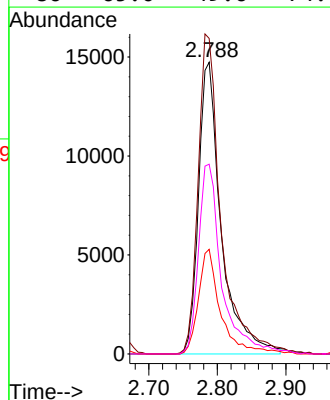
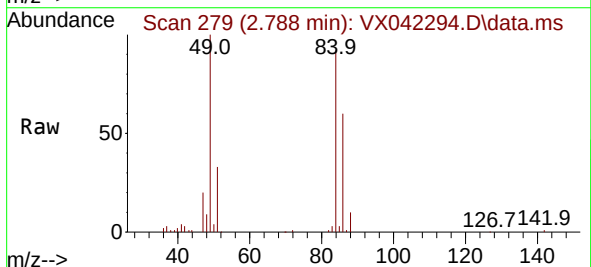
Reviewed By :John Carlone 07/15/2024

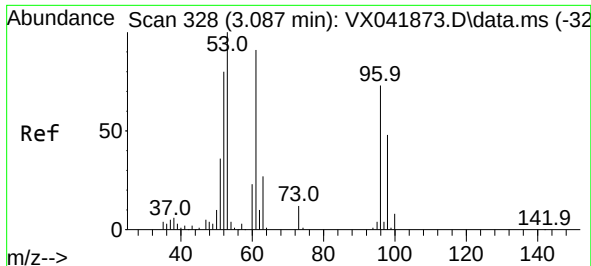
Supervised By :Mahesh Dadoda 07/15/2024



#18
 Methylene Chloride
 Concen: 18.780 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042294.D
 Acq: 12 Jul 2024 11:43

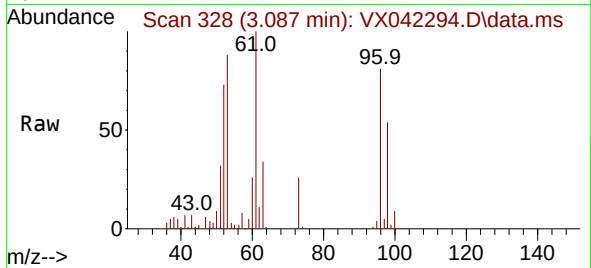
Tgt Ion: 84 Resp: 34165
 Ion Ratio Lower Upper
 84 100
 49 107.8 85.3 127.9
 51 35.9 28.5 42.7
 86 65.0 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 18.700 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

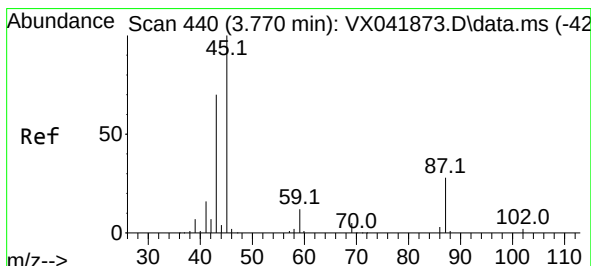
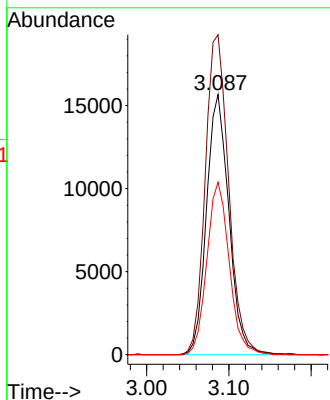
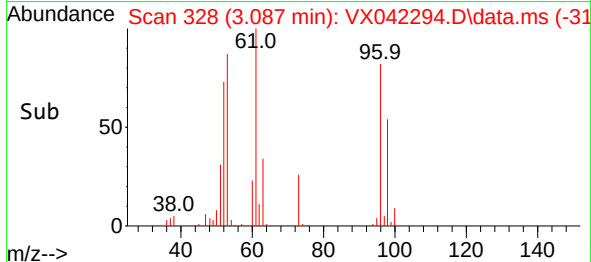
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



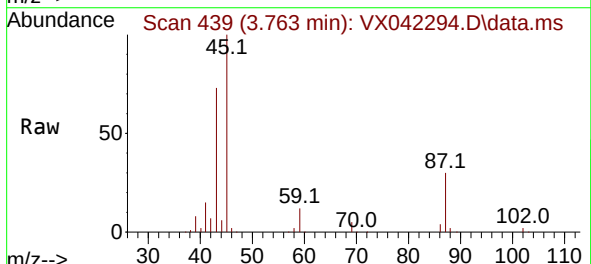
Tgt Ion: 96 Resp: 29710
Ion Ratio Lower Upper
96 100
61 123.0 100.1 150.1
98 66.3 52.1 78.1

Manual Integrations
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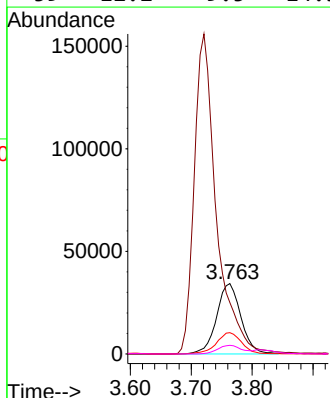
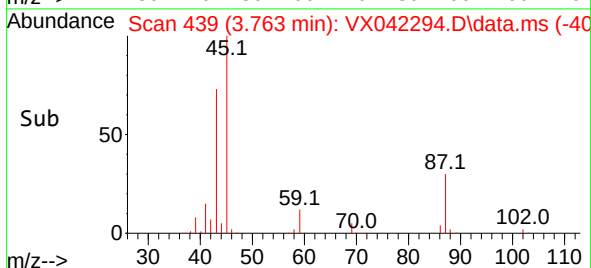
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

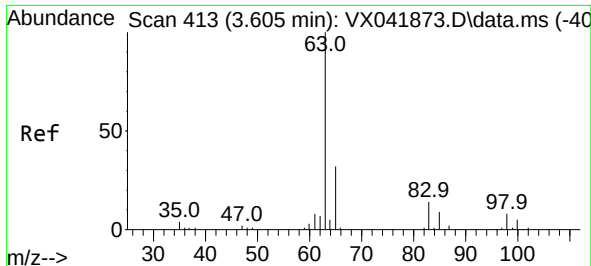


#20
Diisopropyl ether
Concen: 19.165 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



Tgt Ion: 45 Resp: 94889
Ion Ratio Lower Upper
45 100
43 71.9 55.8 83.8
87 30.2 22.6 34.0
59 12.2 9.5 14.3





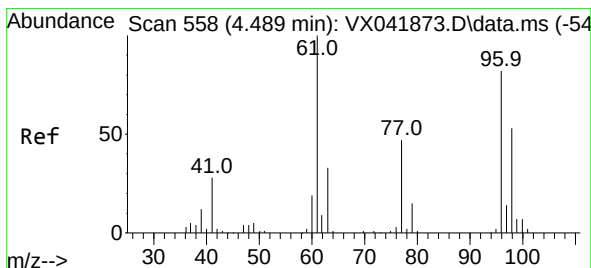
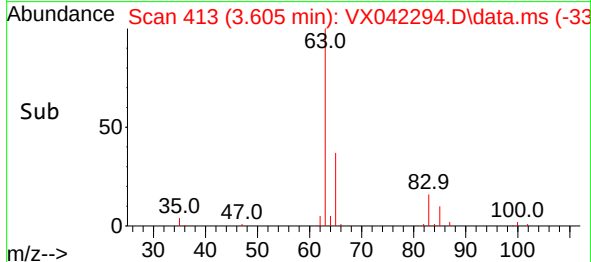
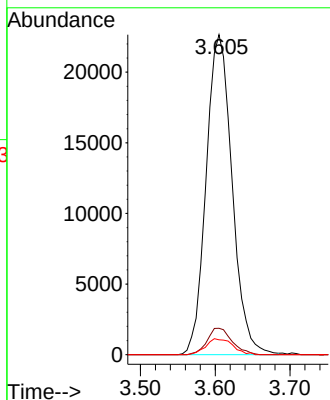
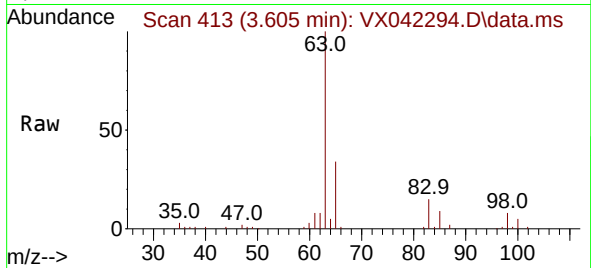
#21
1,1-Dichloroethane
Concen: 19.352 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 5473
Ion Ratio Lower Upper
63 100
98 8.3 4.2 12.4
100 4.7 2.5 7.4

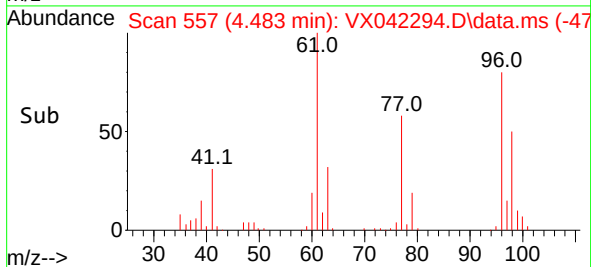
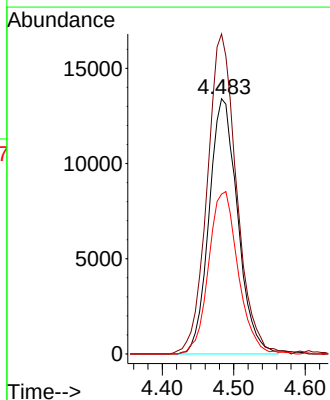
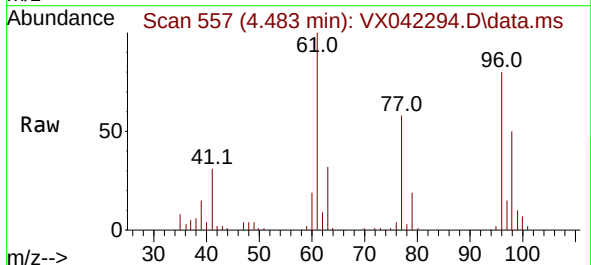
Manual Integrations
APPROVED

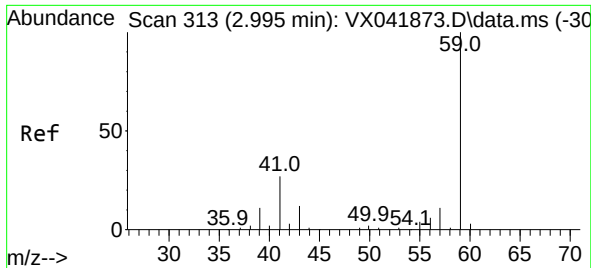
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#22
cis-1,2-Dichloroethene
Concen: 19.348 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

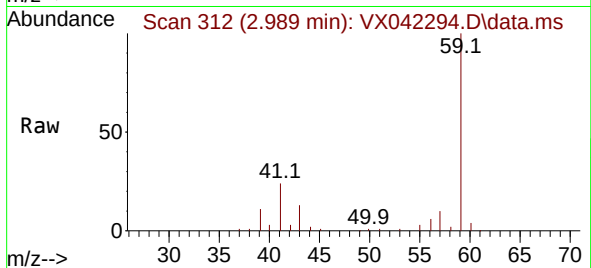
Tgt Ion: 96 Resp: 37212
Ion Ratio Lower Upper
96 100
61 129.0 103.3 154.9
98 65.3 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 89.081 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

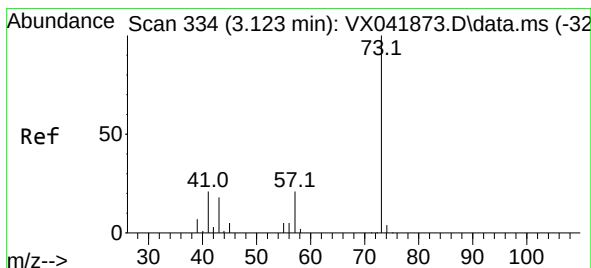
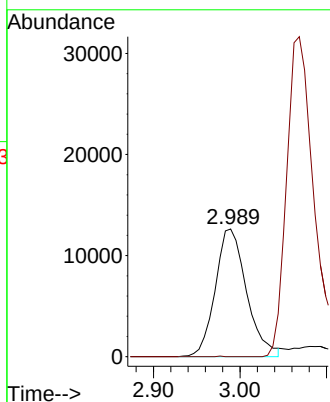
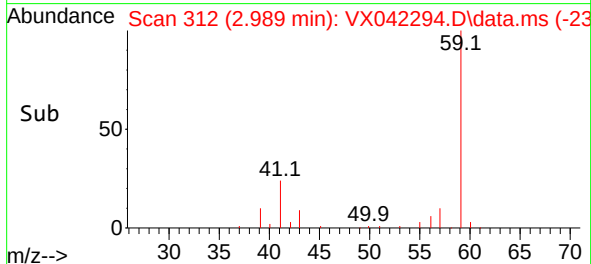
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 31780
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

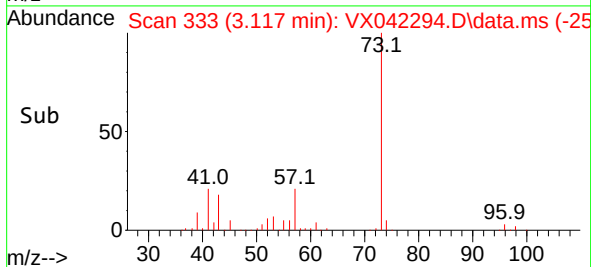
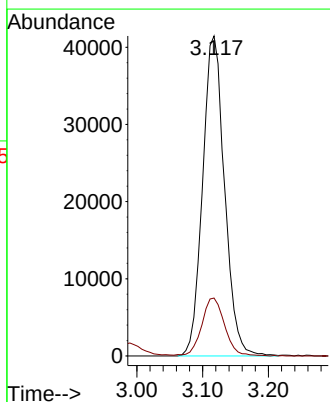
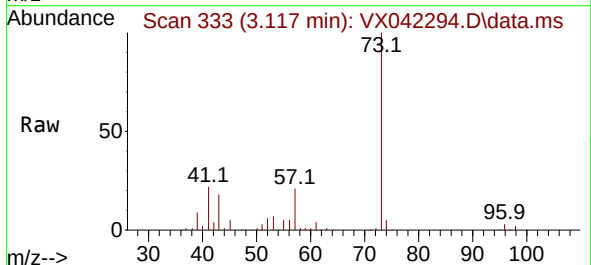
Manual Integrations
APPROVED

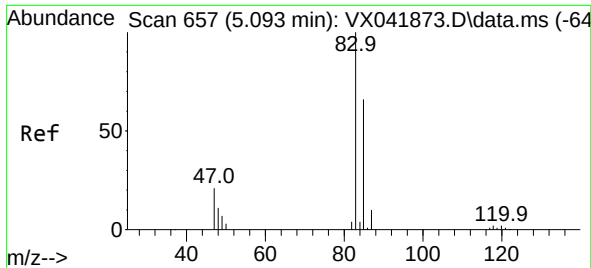
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#24
Methyl tert-Butyl Ether
Concen: 19.609 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 73 Resp: 96203
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7





#25

Chloroform

Concen: 20.069 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 5768

Ion Ratio Lower Upper

83 100

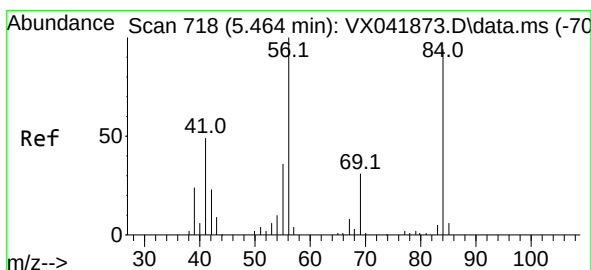
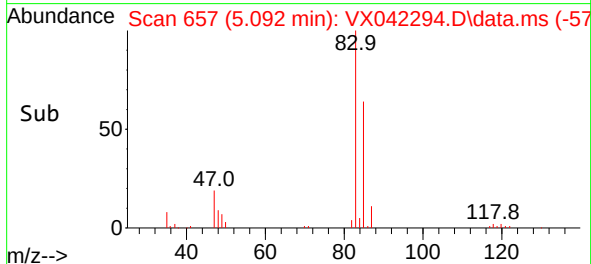
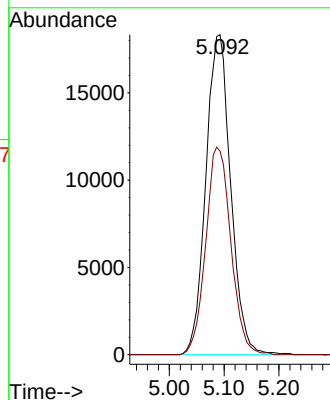
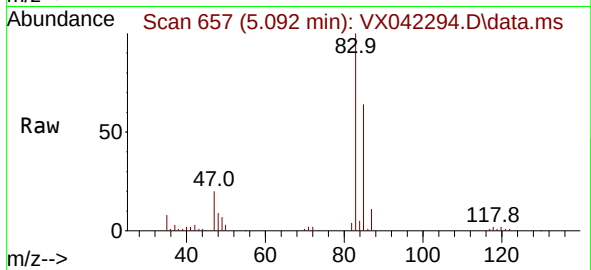
85 63.6 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#26

Cyclohexane

Concen: 18.383 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

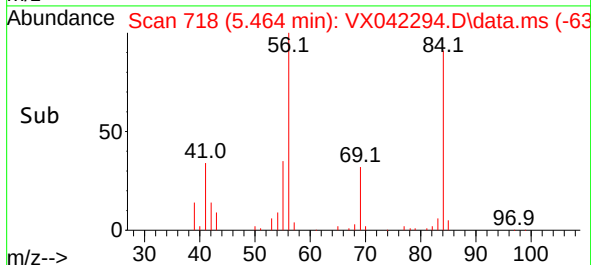
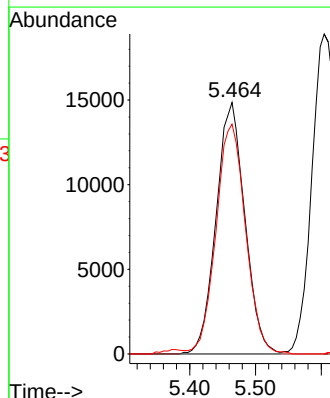
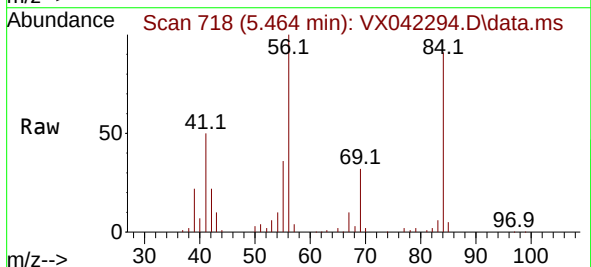
Tgt Ion: 56 Resp: 45157

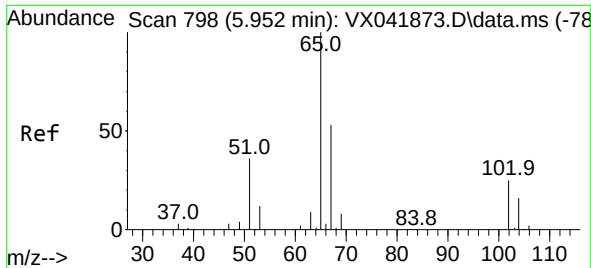
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.5 73.1 109.7





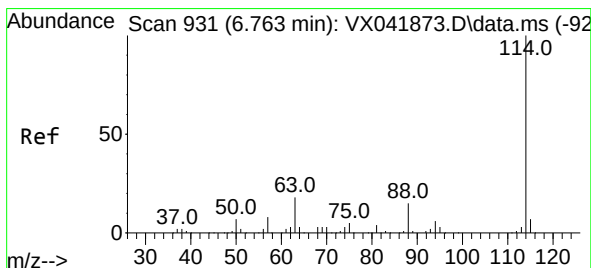
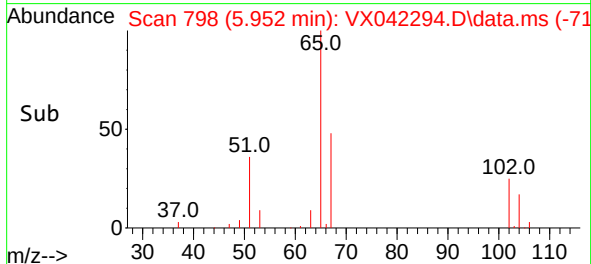
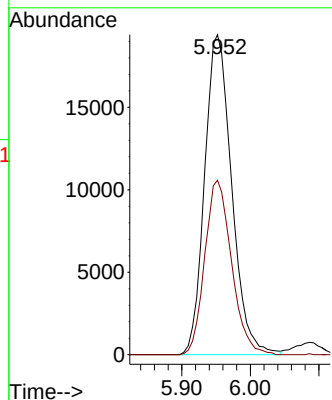
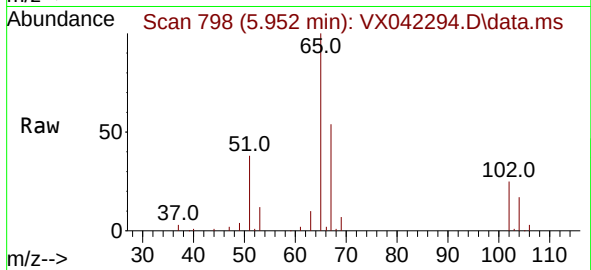
#27
1,2-Dichloroethane-d4
Concen: 29.846 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 5332
Ion Ratio Lower Upper
65 100
67 53.9 43.4 65.0

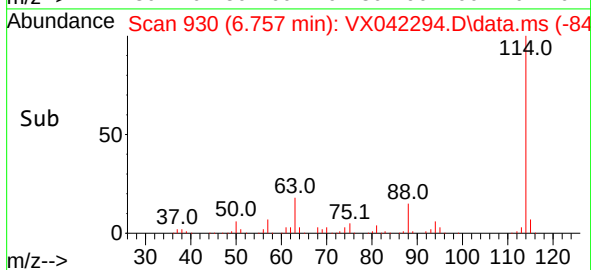
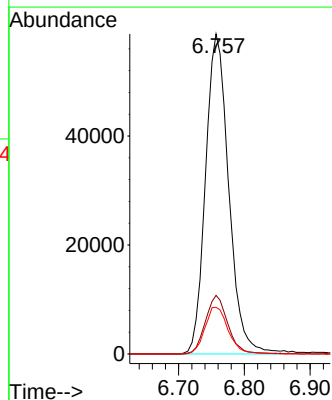
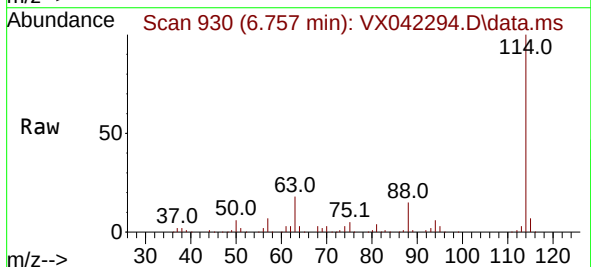
Manual Integrations
APPROVED

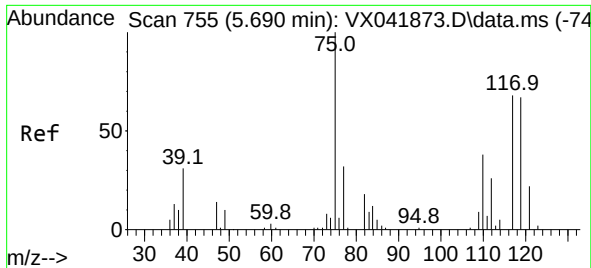
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion:114 Resp: 144240
Ion Ratio Lower Upper
114 100
63 17.6 14.6 21.8
88 14.7 11.8 17.8





#29
1,1-Dichloropropene
Concen: 19.948 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

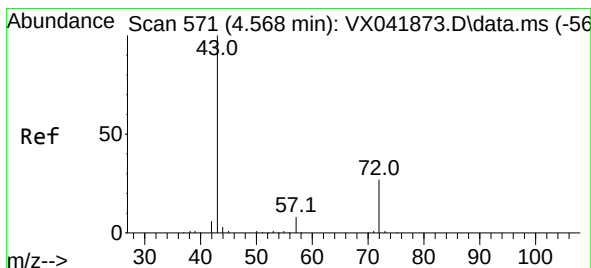
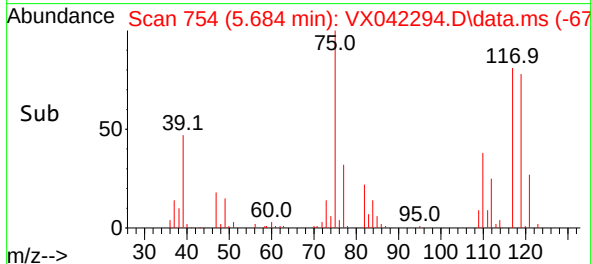
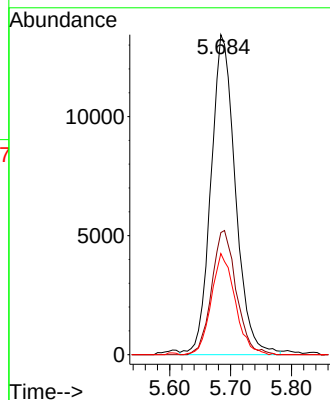
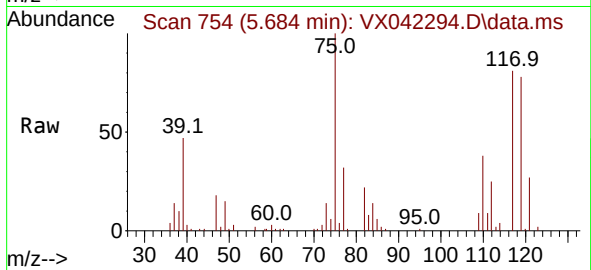
Tgt Ion: 75 Resp: 3755
Ion Ratio Lower Upper
75 100
110 38.5 0.0 80.2
77 30.8 0.0 65.2

Manual Integrations

APPROVED

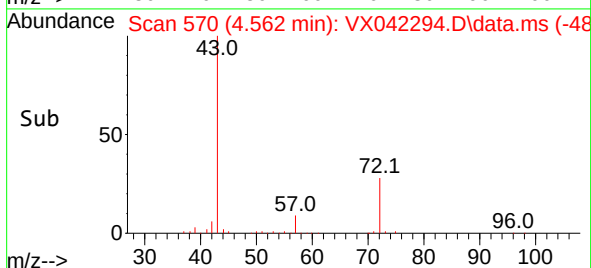
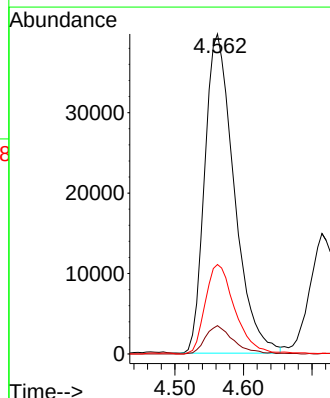
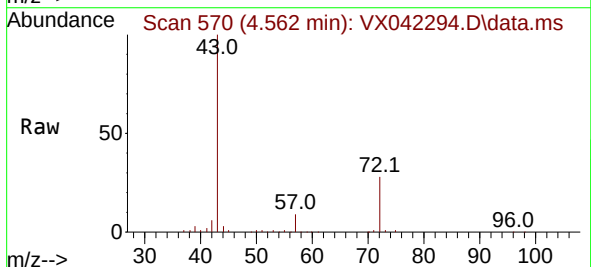
Reviewed By :John Carlone 07/15/2024

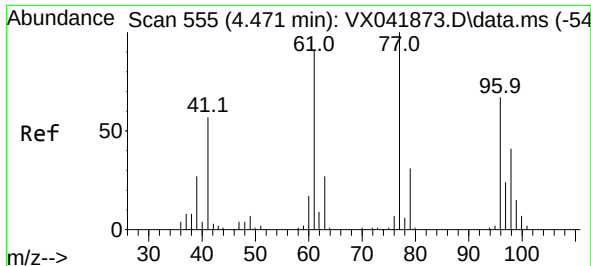
Supervised By :Mahesh Dadoda 07/15/2024



#30
2-Butanone
Concen: 94.198 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

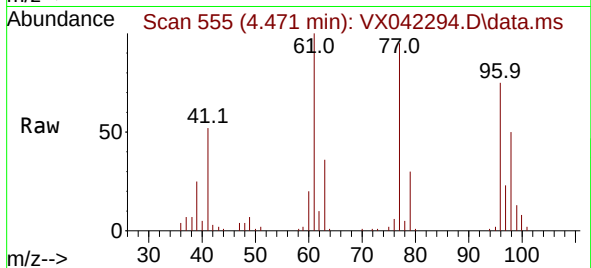
Tgt Ion: 43 Resp: 118490
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 28.0 22.0 33.0





#31
2,2-Dichloropropane
Concen: 18.499 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

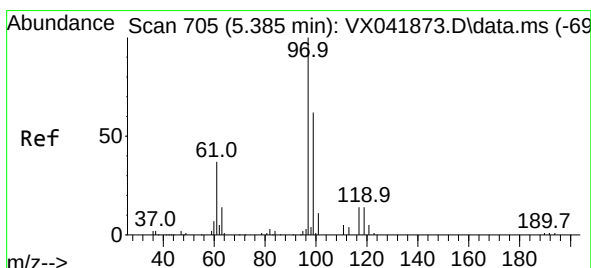
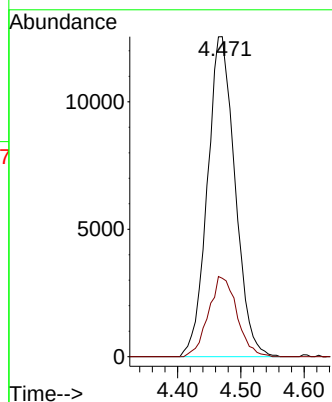
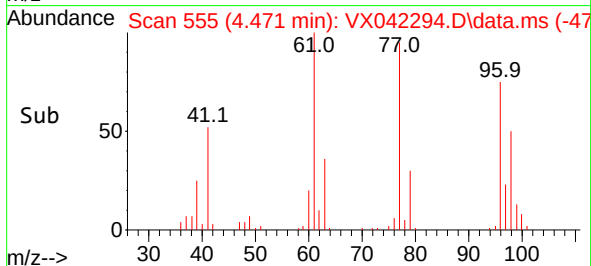
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



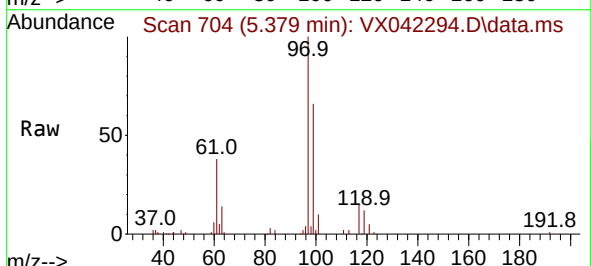
Tgt Ion: 77 Resp: 38160
Ion Ratio Lower Upper
77 100
97 25.7 20.2 30.2

Manual Integrations
APPROVED

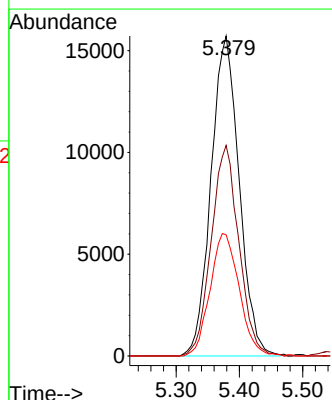
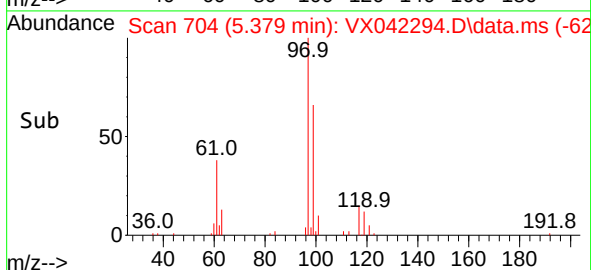
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

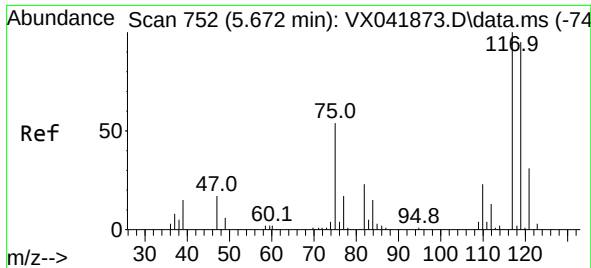


#32
1,1,1-Trichloroethane
Concen: 20.350 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



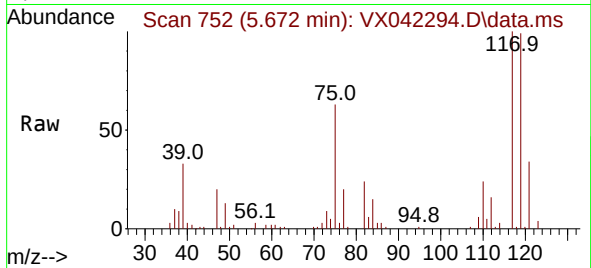
Tgt Ion: 97 Resp: 48562
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 39.6 31.7 47.5





#33
Carbon Tetrachloride
Concen: 20.550 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

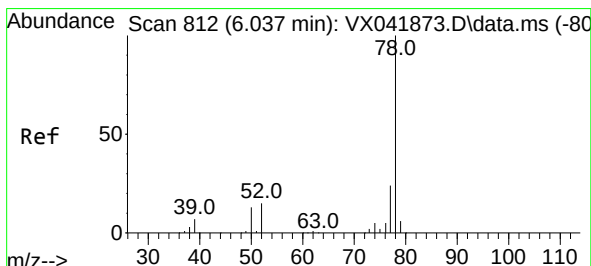
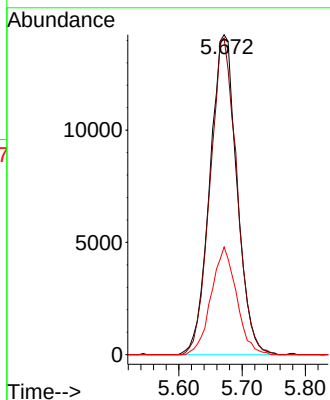
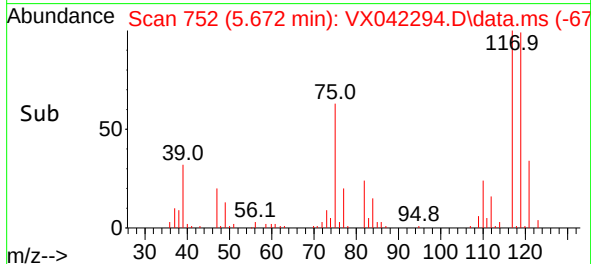
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



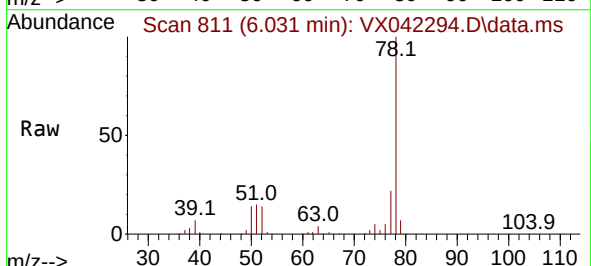
Tgt Ion:117 Resp: 42290
Ion Ratio Lower Upper
117 100
119 99.0 75.7 113.5
121 33.6 24.9 37.3

Manual Integrations
APPROVED

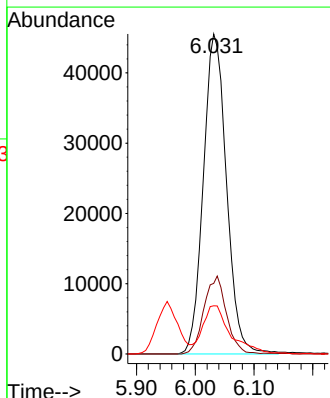
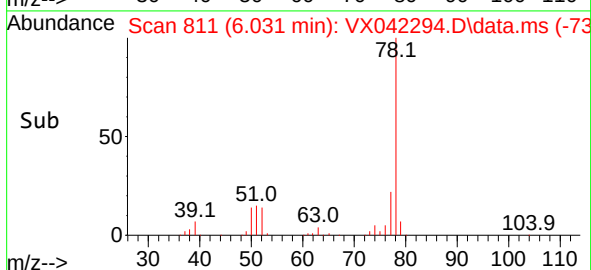
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

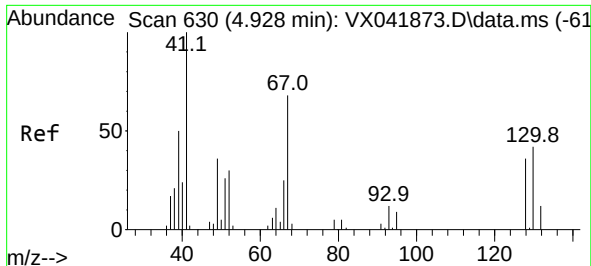


#34
Benzene
Concen: 19.874 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



Tgt Ion: 78 Resp: 124638
Ion Ratio Lower Upper
78 100
77 22.0 18.9 28.3
51 14.7 11.8 17.8





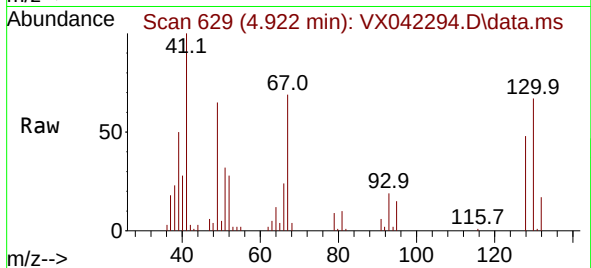
#35
Methacrylonitrile
Concen: 19.339 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



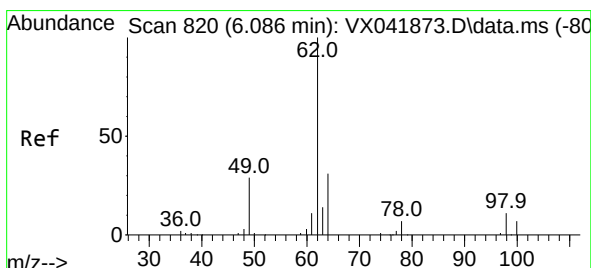
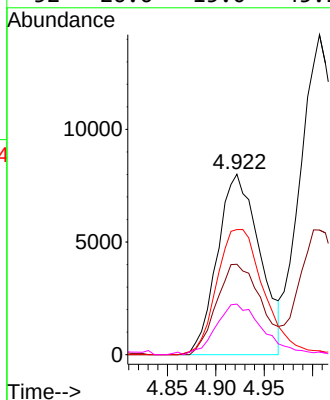
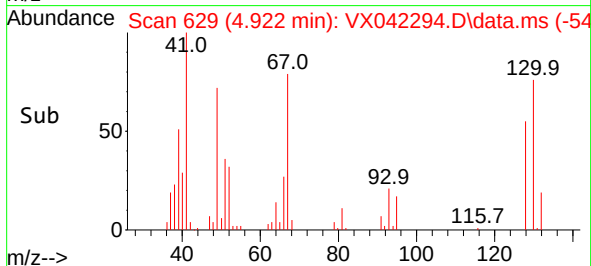
Tgt Ion: 41 Resp: 24434
Ion Ratio Lower Upper
41 100
39 50.1 25.2 75.6
67 69.3 34.2 102.5
52 26.6 15.0 45.1

Manual Integrations

APPROVED

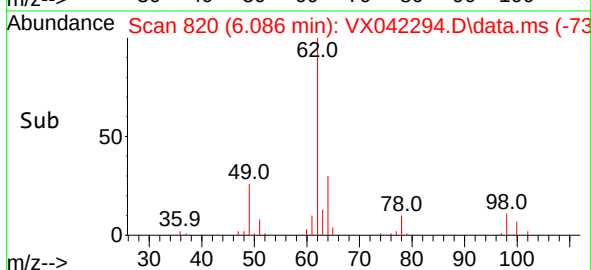
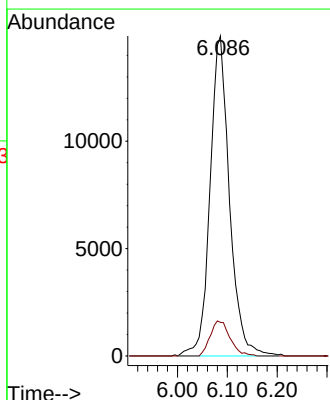
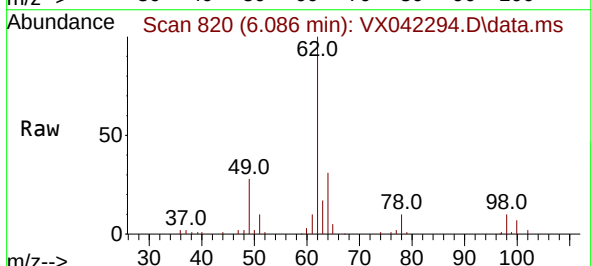
Reviewed By :John Carlone 07/15/2024

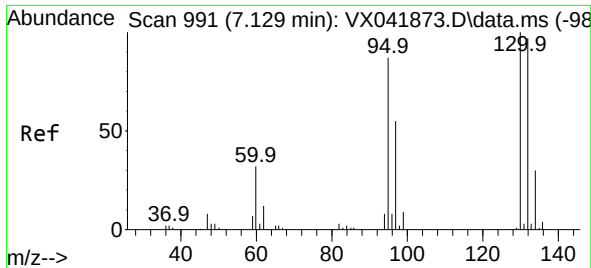
Supervised By :Mahesh Dadoda 07/15/2024



#36
1,2-Dichloroethane
Concen: 20.659 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 62 Resp: 40362
Ion Ratio Lower Upper
62 100
98 11.2 9.1 13.7





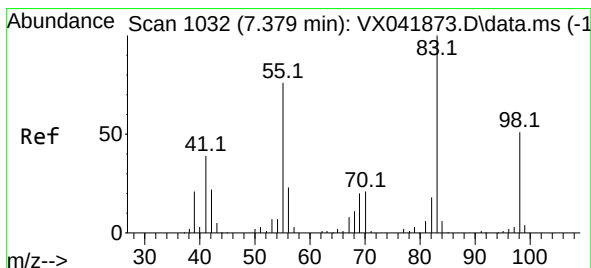
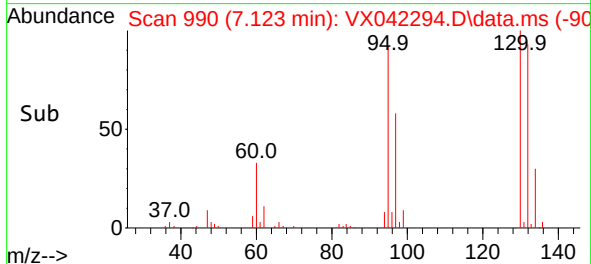
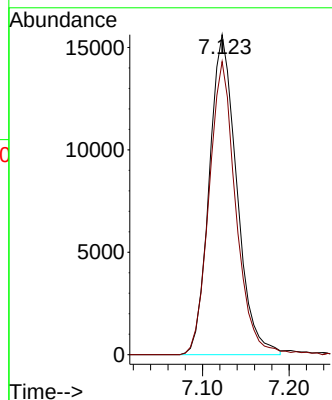
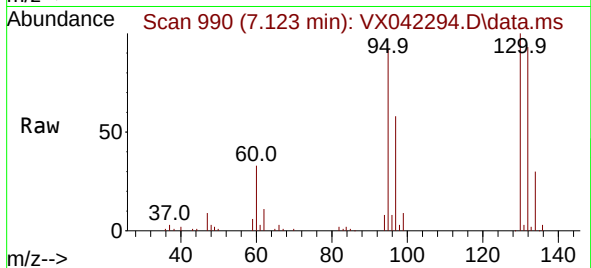
#37
Trichloroethene
Concen: 20.115 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 34450
Ion Ratio Lower Upper
130 100
95 91.6 69.4 104.0

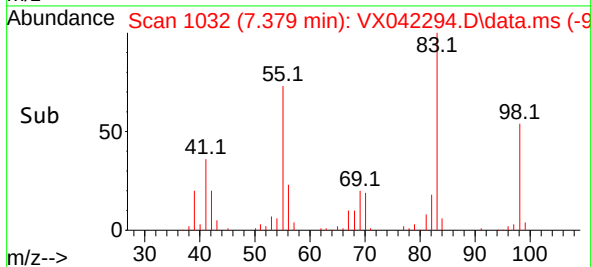
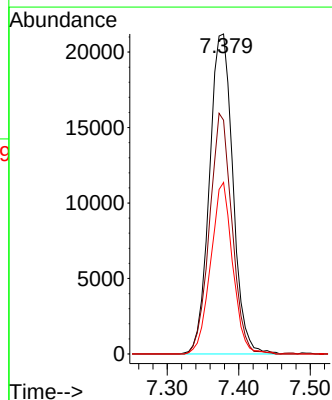
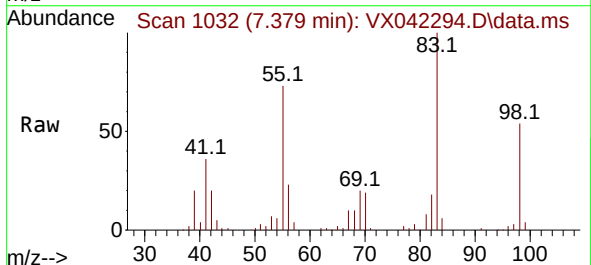
Manual Integrations
APPROVED

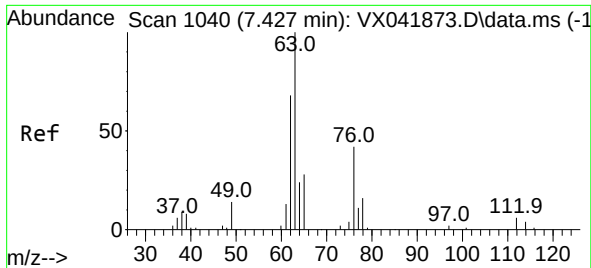
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#38
Methylcyclohexane
Concen: 19.391 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 83 Resp: 48352
Ion Ratio Lower Upper
83 100
55 71.7 37.3 111.9
98 50.1 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.841 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 29639

Ion Ratio Lower Upper

63 100

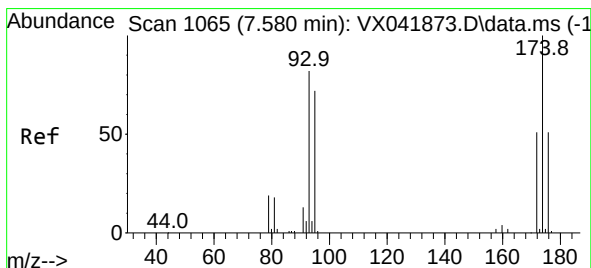
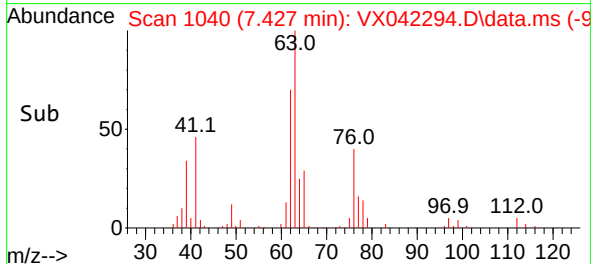
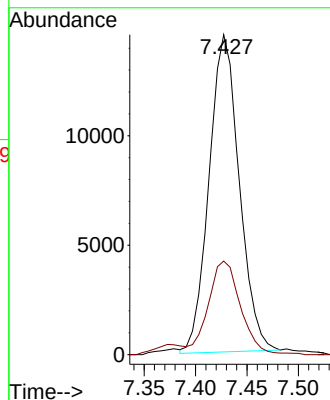
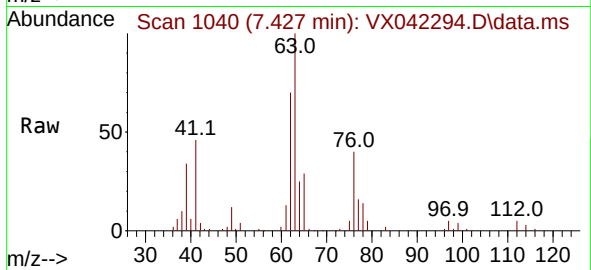
65 29.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#40

Dibromomethane

Concen: 19.898 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

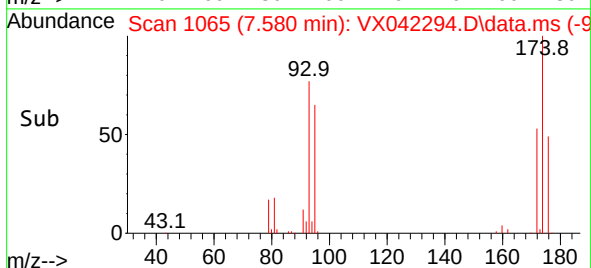
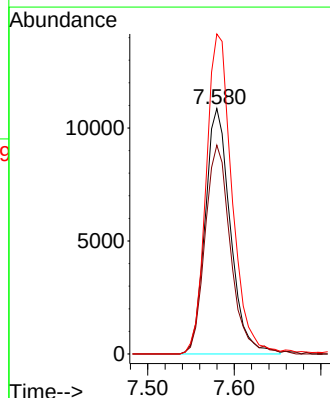
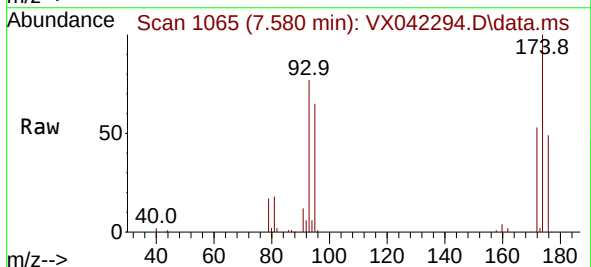
Tgt Ion: 93 Resp: 21989

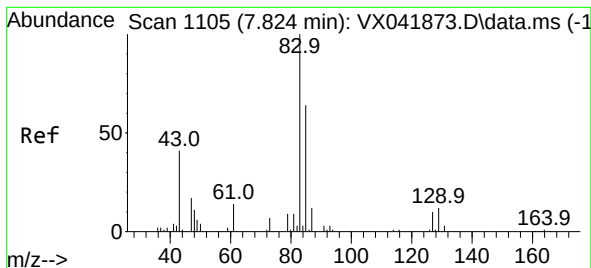
Ion Ratio Lower Upper

93 100

95 86.3 0.0 168.6

174 133.6 0.0 255.0





#41

Bromodichloromethane

Concen: 20.380 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

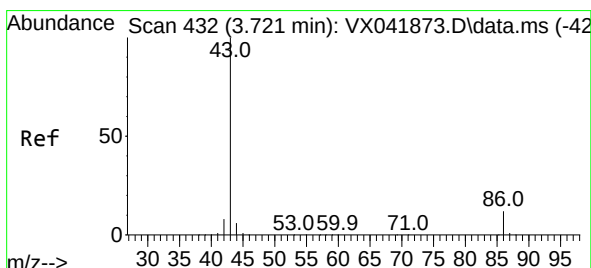
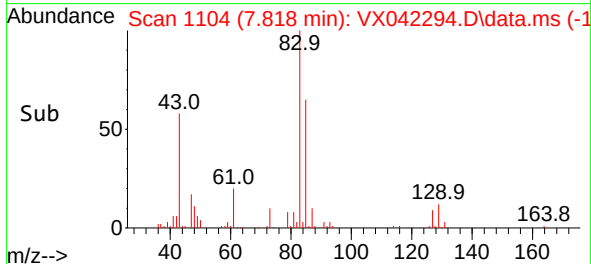
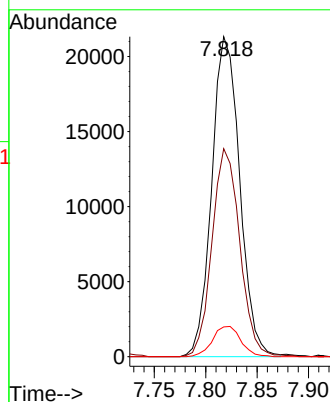
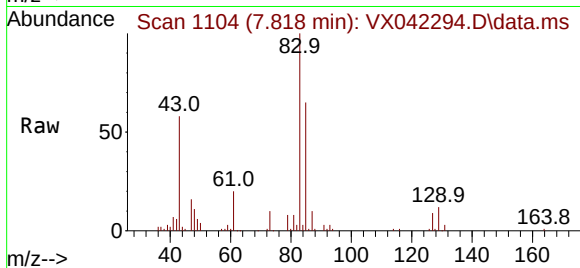
Tgt Ion: 83	Resp: 4034
Ion Ratio	Lower Upper
83 100	
85 65.0	51.1 76.7
127 10.3	8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#42

Vinyl Acetate

Concen: 93.828 ug/l

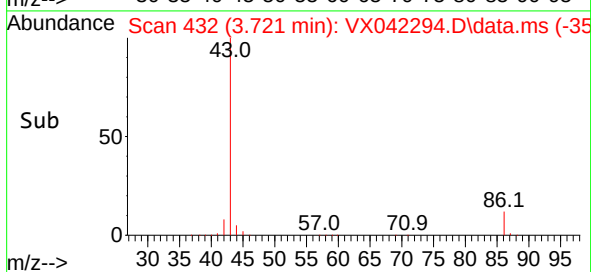
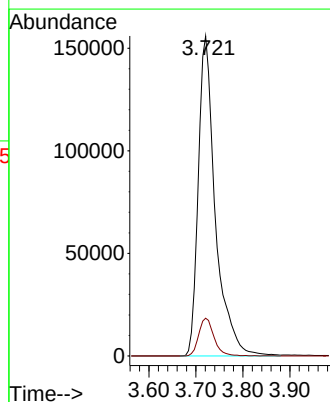
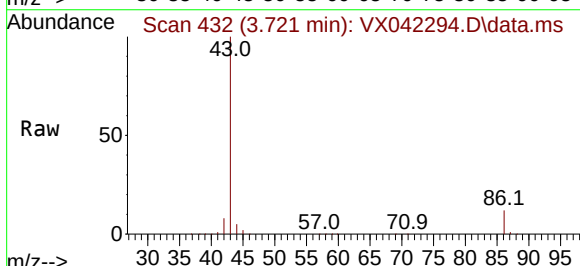
RT: 3.721 min Scan# 432

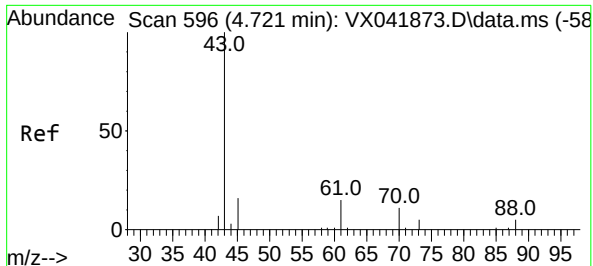
Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Tgt Ion: 43	Resp: 395059
Ion Ratio	Lower Upper
43 100	
86 10.5	8.5 12.7





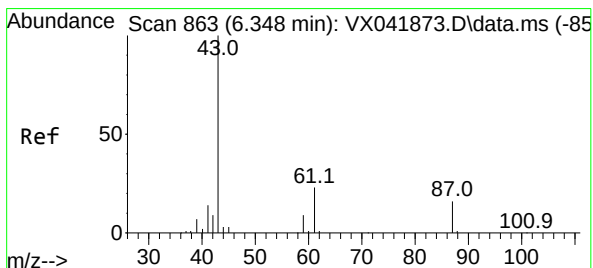
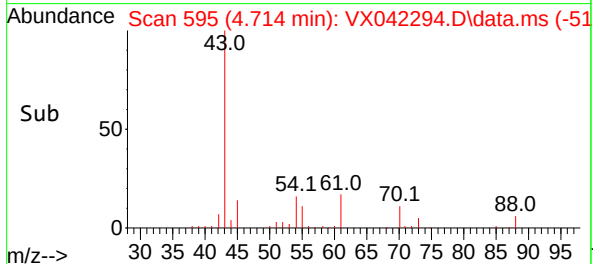
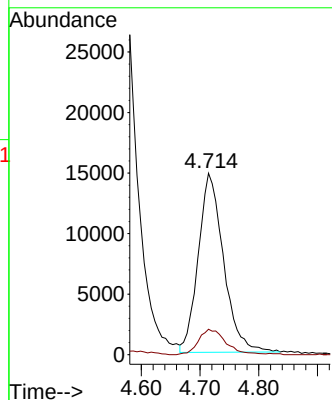
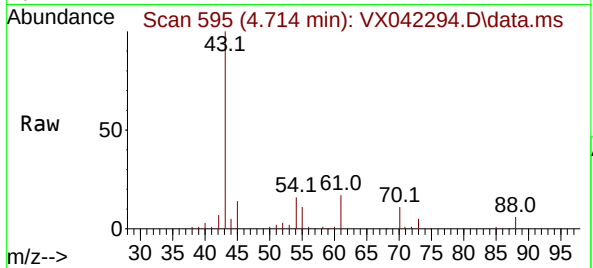
#43
Ethyl Acetate
Concen: 18.742 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 44204
Ion Ratio Lower Upper
43 100
45 15.3 12.4 18.6

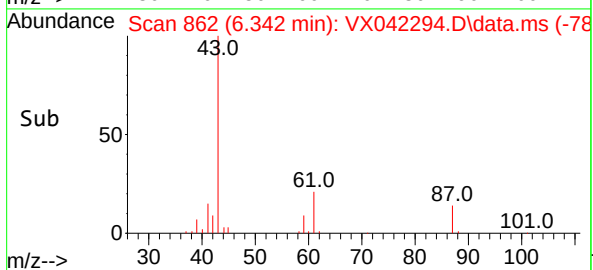
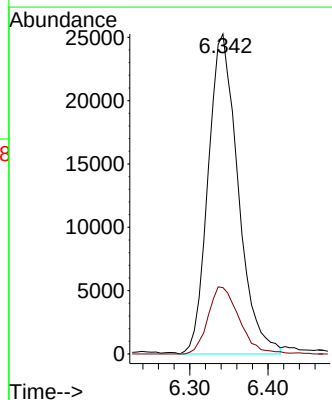
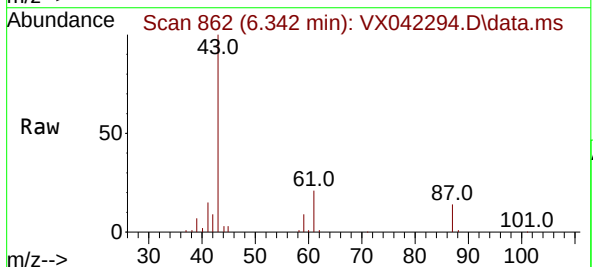
Manual Integrations
APPROVED

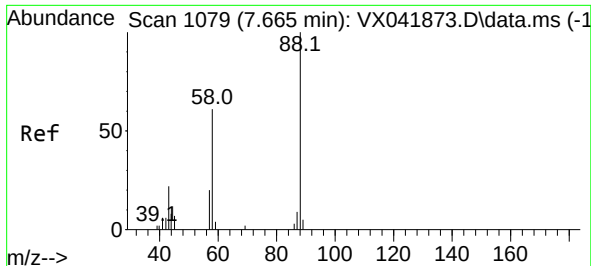
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#44
Isopropyl Acetate
Concen: 18.986 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 43 Resp: 67069
Ion Ratio Lower Upper
43 100
61 21.8 17.4 26.0





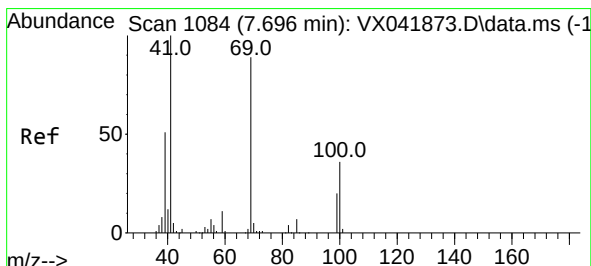
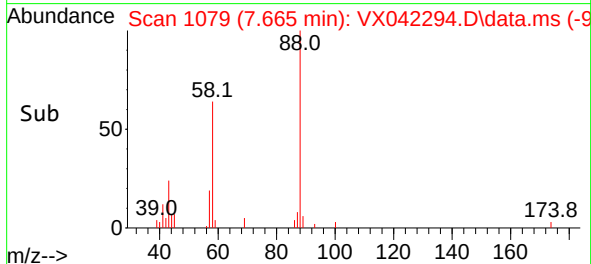
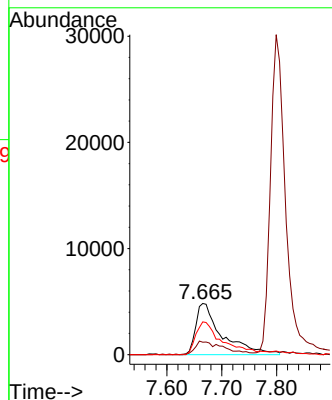
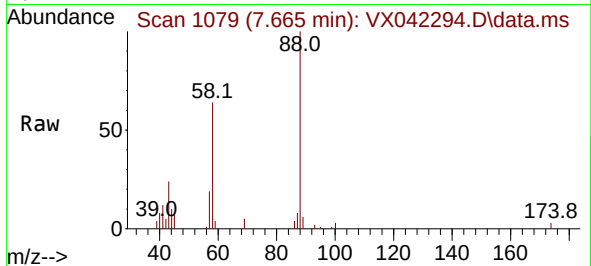
#45
1,4-Dioxane
Concen: 371.713 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 16000
Ion Ratio Lower Upper
88 100
43 15.8 23.2 34.8
58 56.2 52.6 78.8

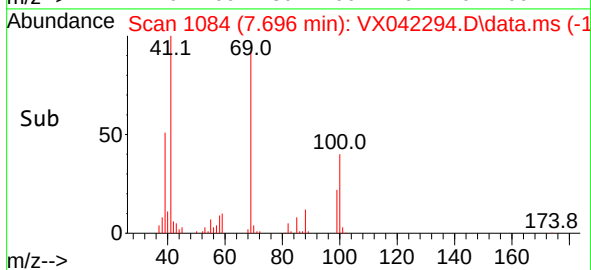
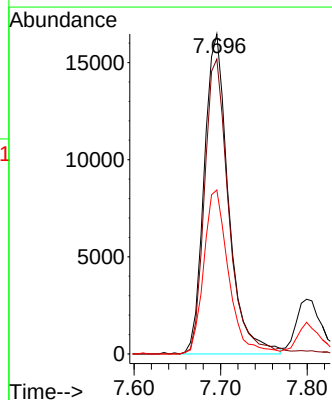
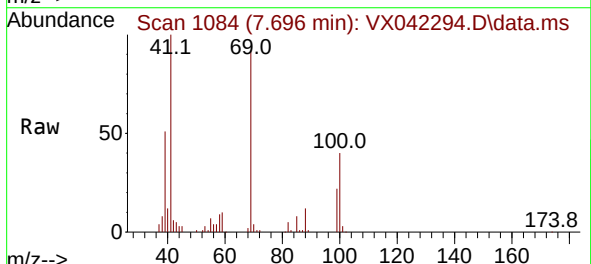
Manual Integrations
APPROVED

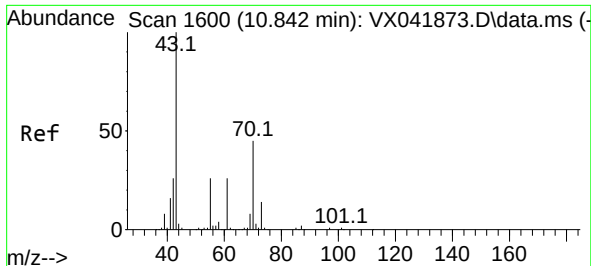
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#46
Methyl methacrylate
Concen: 18.632 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

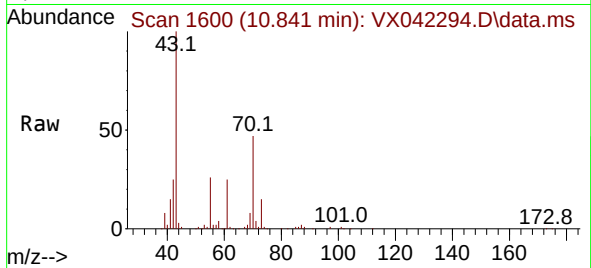
Tgt Ion: 41 Resp: 32181
Ion Ratio Lower Upper
41 100
69 92.1 44.4 133.1
39 51.3 25.5 76.5





#47
n-amy1 Acetate
Concen: 18.339 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

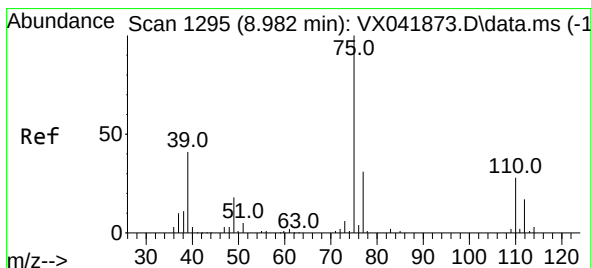
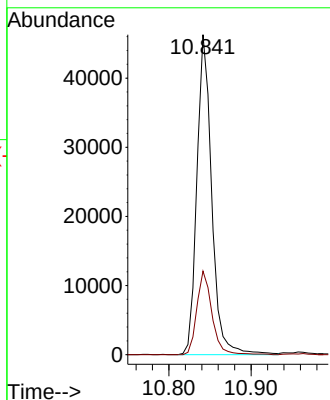
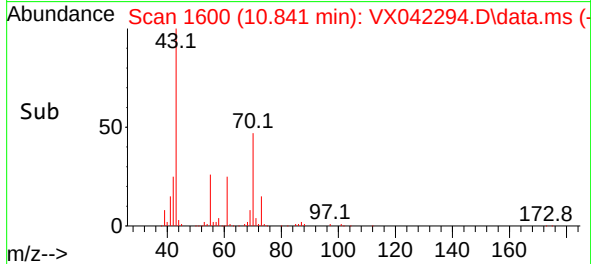
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 58144
Ion Ratio Lower Upper
43 100
55 26.4 21.0 31.4

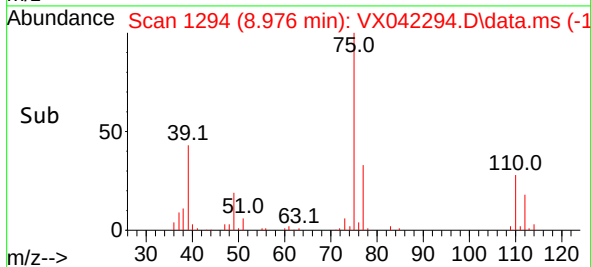
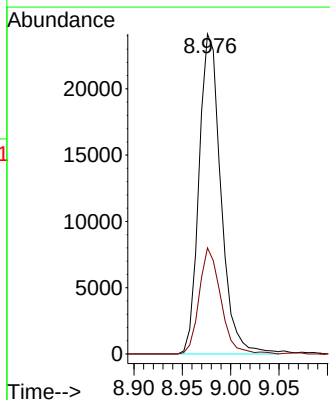
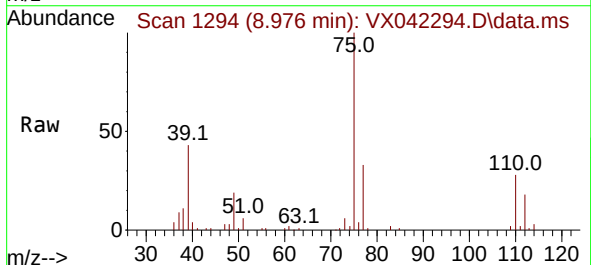
Manual Integrations
APPROVED

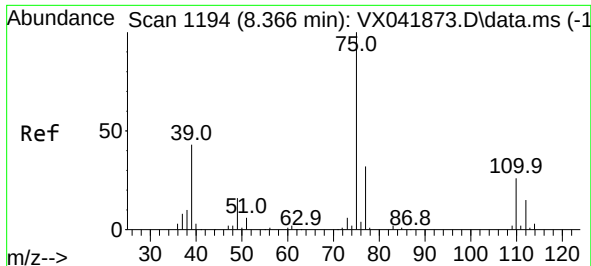
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#48
t-1,3-Dichloropropene
Concen: 18.683 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 75 Resp: 38084
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.745 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4514

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

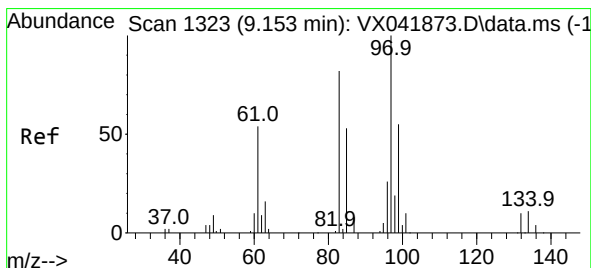
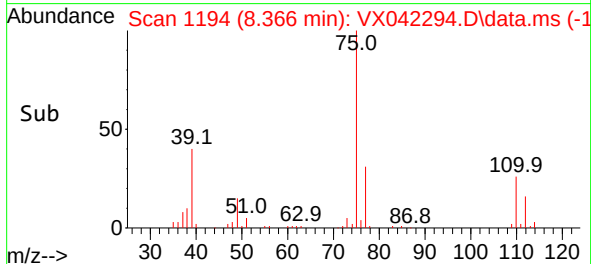
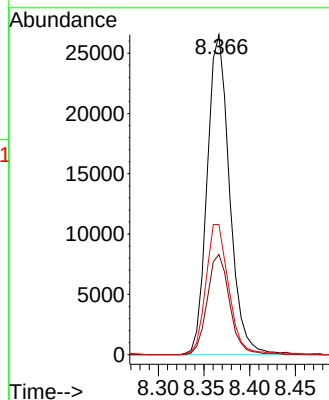
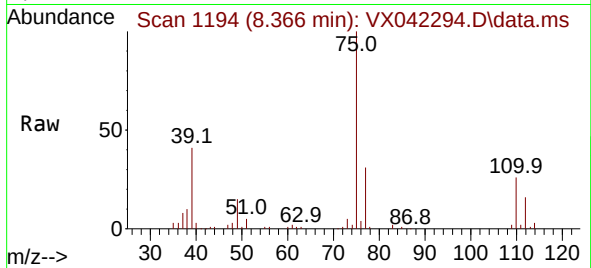
39 40.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#50

1,1,2-Trichloroethane

Concen: 20.065 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Tgt Ion: 97 Resp: 32242

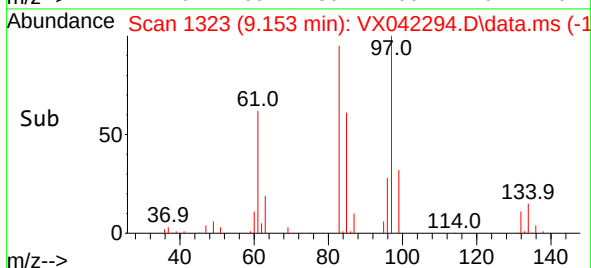
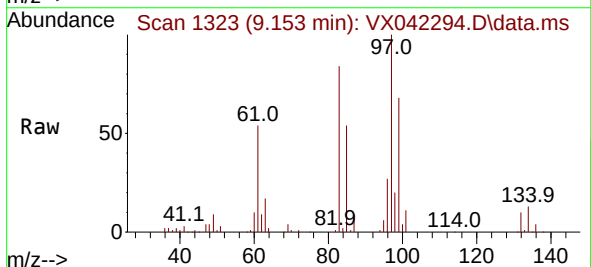
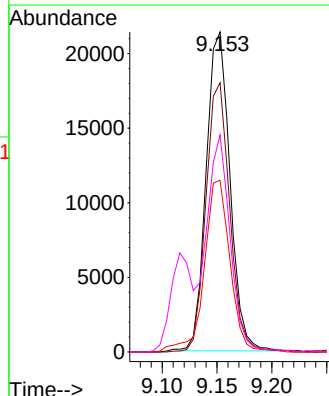
Ion Ratio Lower Upper

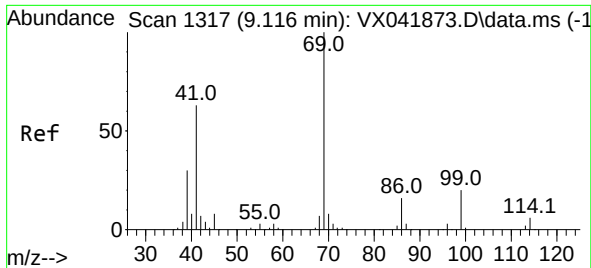
97 100

83 84.1 65.9 98.9

85 53.4 42.9 64.3

99 67.7 48.8 73.2





#51
Ethyl methacrylate
Concen: 18.885 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

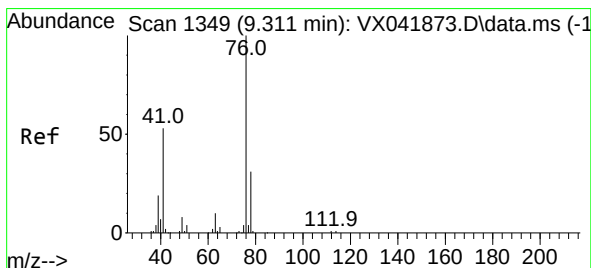
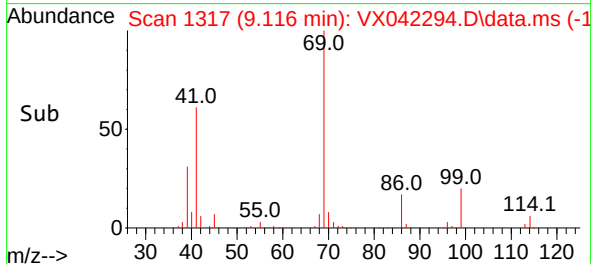
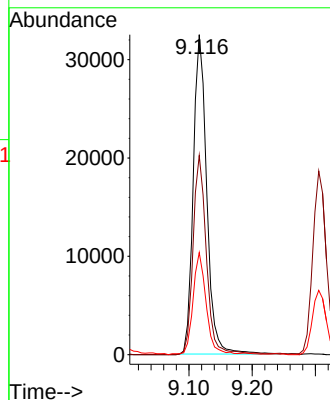
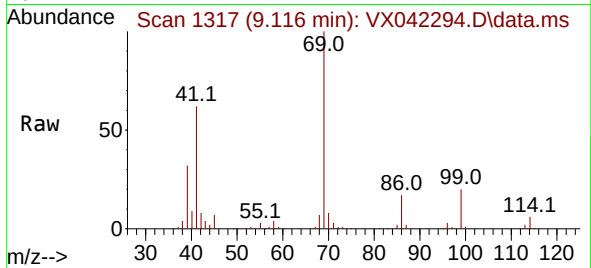
Tgt Ion: 69 Resp: 4820
Ion Ratio Lower Upper
69 100
41 62.1 31.6 94.7
39 31.8 15.3 45.8

Manual Integrations

APPROVED

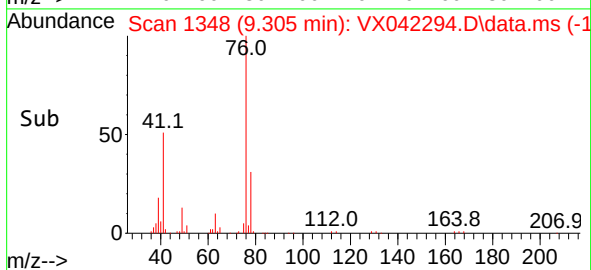
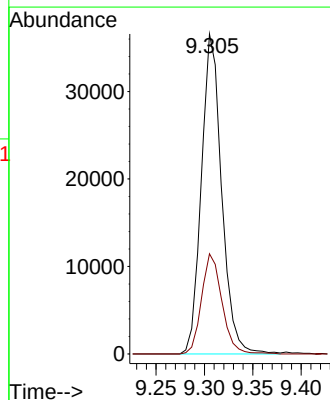
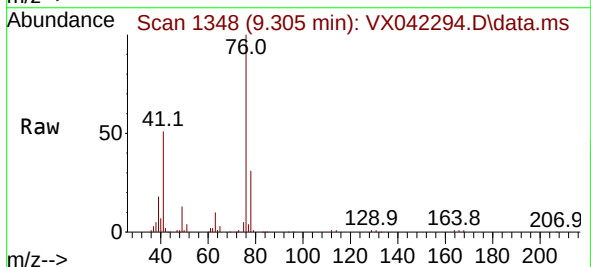
Reviewed By :John Carlone 07/15/2024

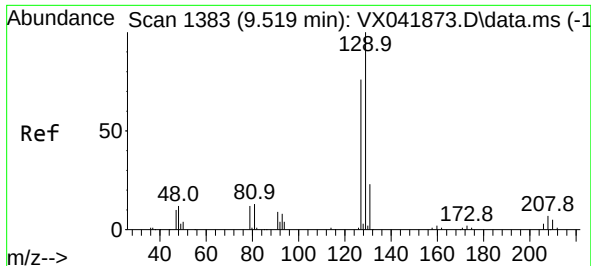
Supervised By :Mahesh Dadoda 07/15/2024



#52
1,3-Dichloropropane
Concen: 20.377 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 76 Resp: 53530
Ion Ratio Lower Upper
76 100
78 31.5 0.0 66.0





#53

Dibromochloromethane

Concen: 20.233 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 35579

Ion Ratio Lower Upper

129 100

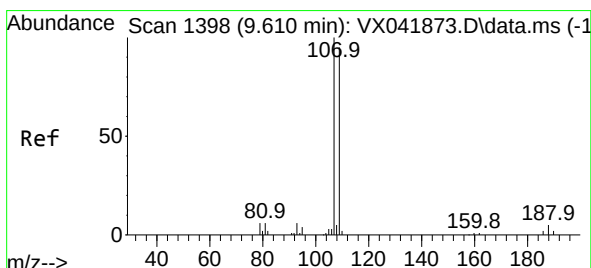
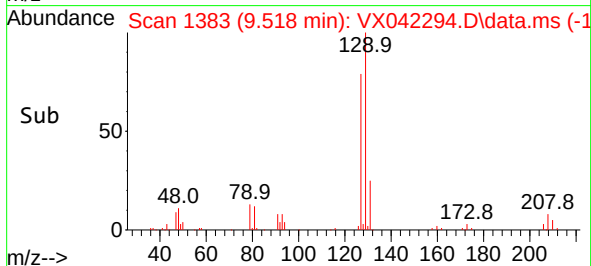
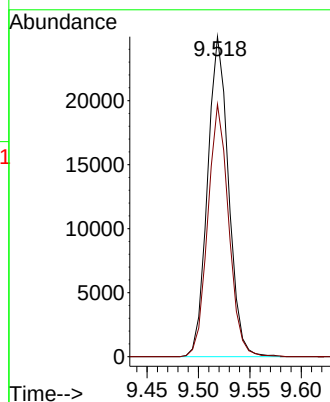
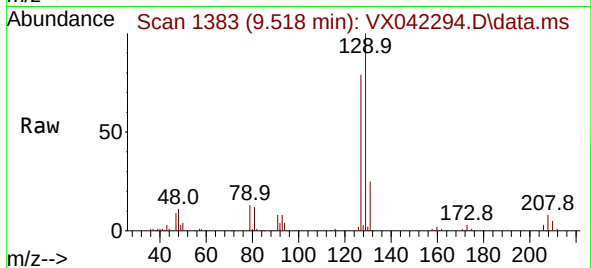
127 78.2 38.8 116.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#54

1,2-Dibromoethane

Concen: 20.498 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042294.D

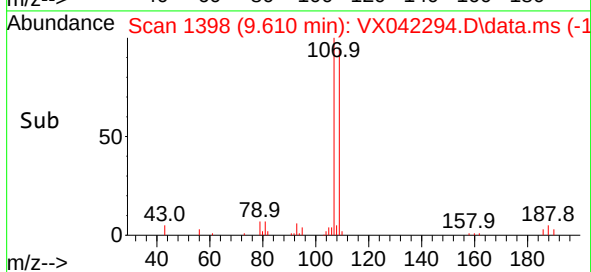
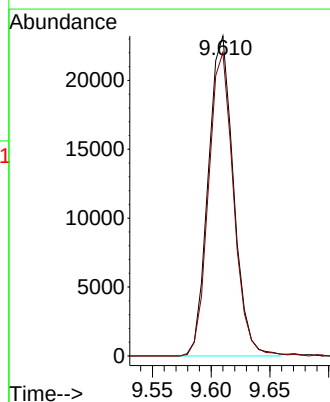
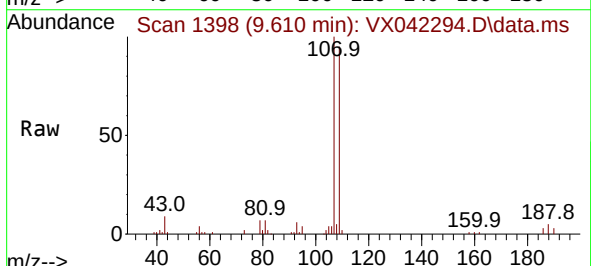
Acq: 12 Jul 2024 11:43

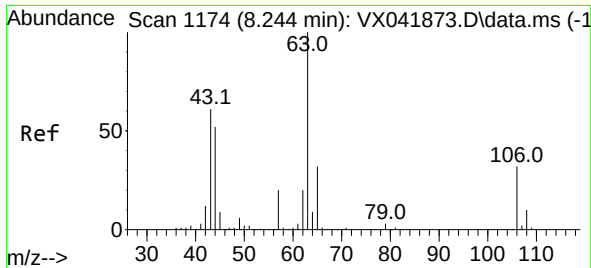
Tgt Ion:107 Resp: 34733

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5





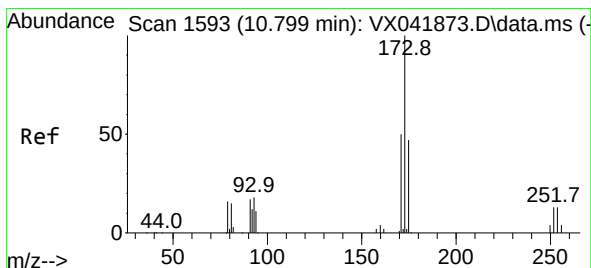
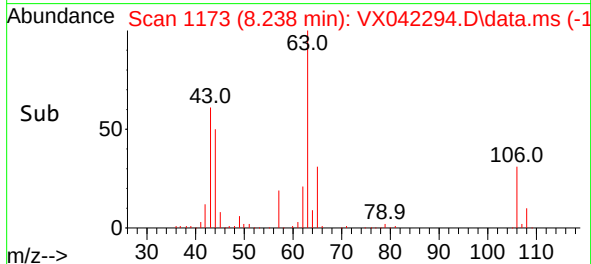
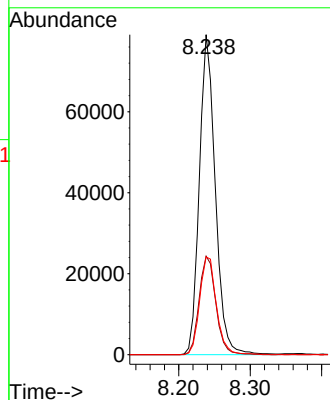
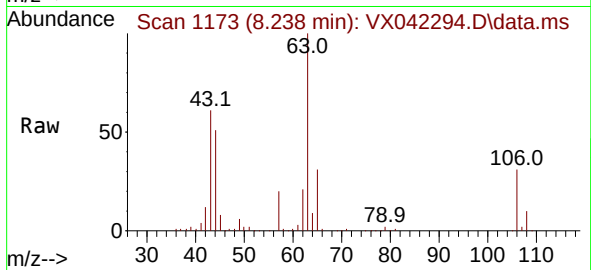
#55
2-Chloroethyl vinyl ether
Concen: 103.110 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 122508
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 31.8 25.3 37.9

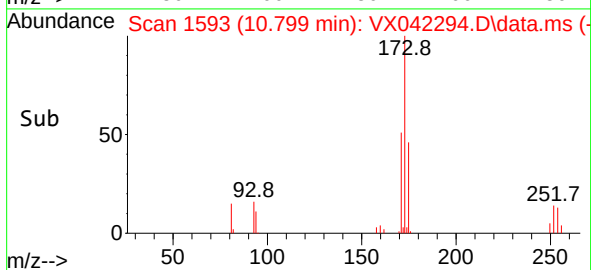
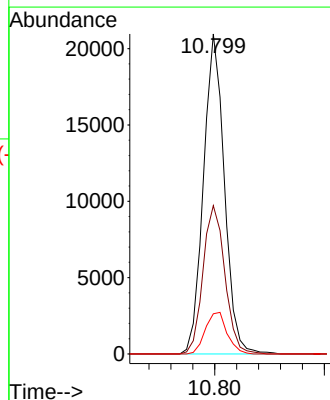
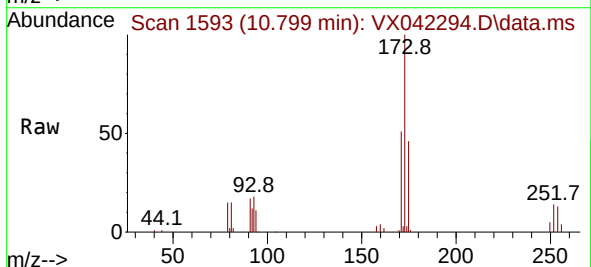
Manual Integrations
APPROVED

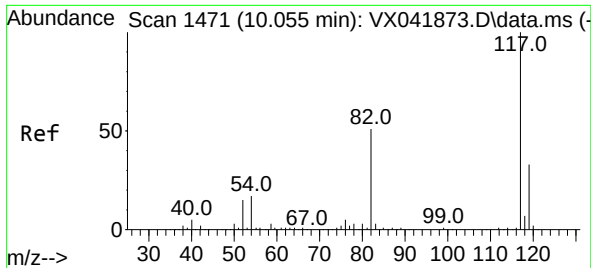
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#56
Bromoform
Concen: 19.310 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

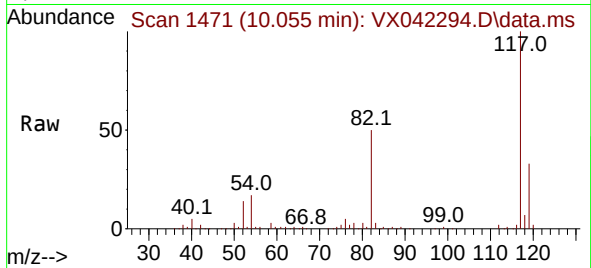
Tgt Ion:173 Resp: 27688
Ion Ratio Lower Upper
173 100
175 48.5 39.3 58.9
254 13.5 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

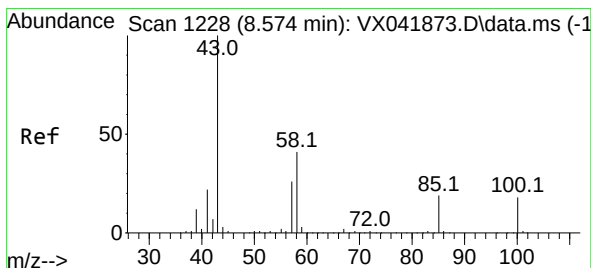
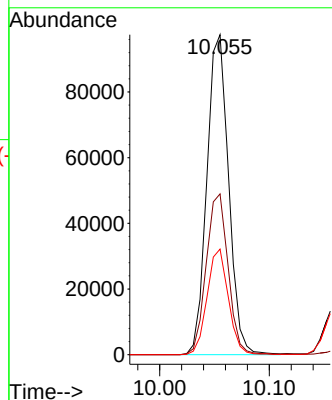
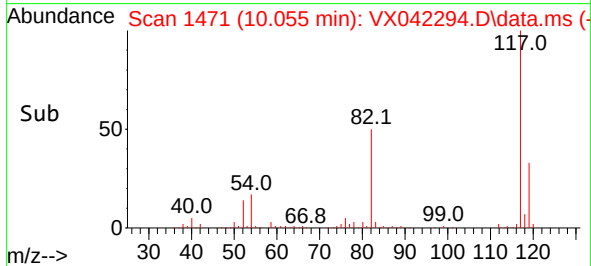
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 13428
Ion Ratio Lower Upper
117 100
82 50.7 41.1 61.7
119 32.2 26.1 39.1

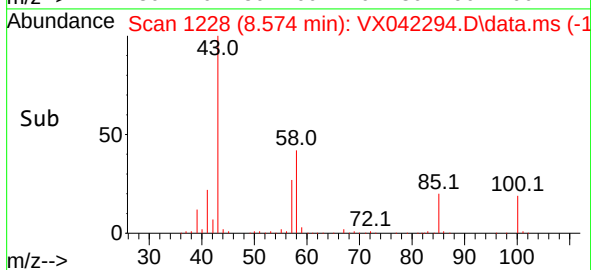
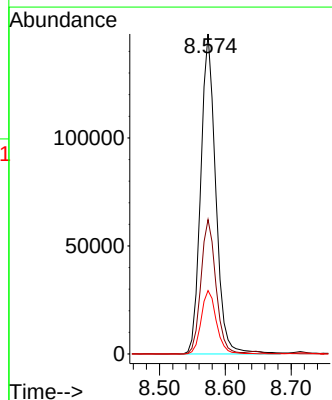
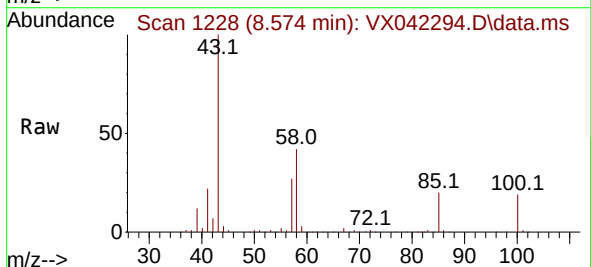
Manual Integrations
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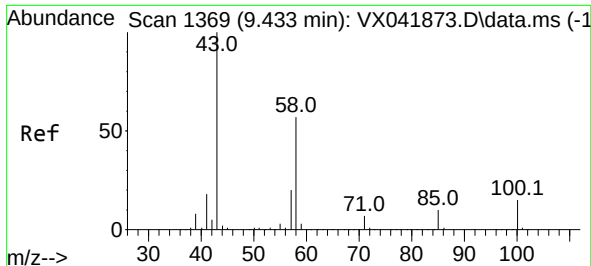
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#58
4-Methyl-2-Pentanone
Concen: 97.780 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 43 Resp: 235278
Ion Ratio Lower Upper
43 100
58 41.9 33.2 49.8
85 20.0 15.5 23.3





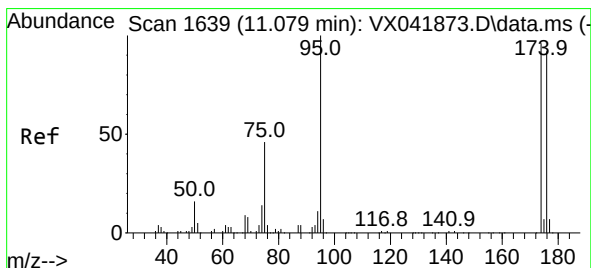
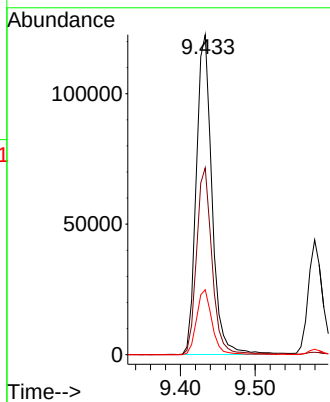
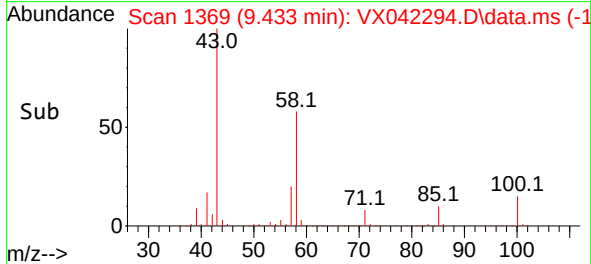
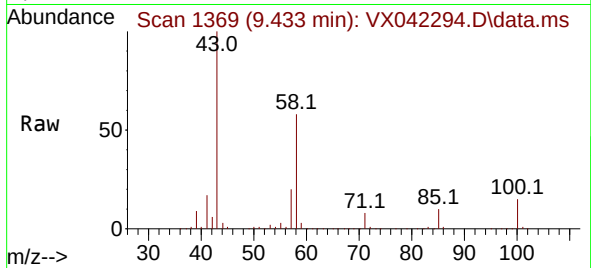
#59
2-Hexanone
Concen: 96.164 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 17859
Ion Ratio Lower Upper
43 100
58 57.3 46.0 69.0
57 19.9 15.8 23.6

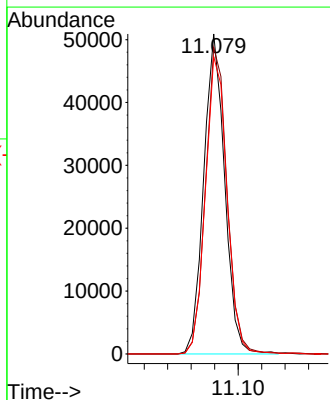
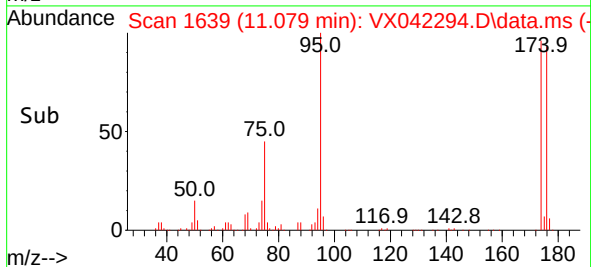
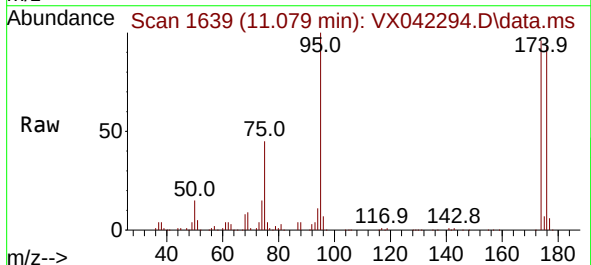
Manual Integrations
APPROVED

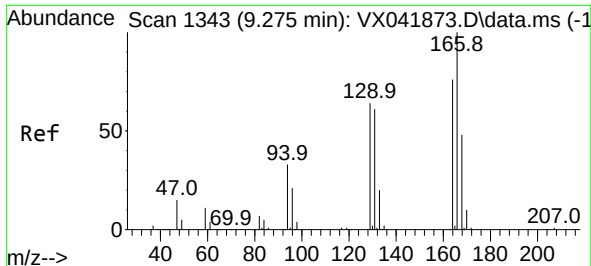
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#60
4-Bromofluorobenzene
Concen: 30.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

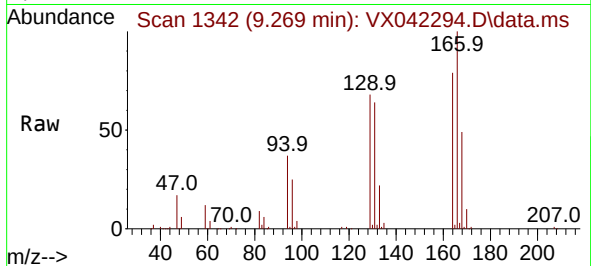
Tgt Ion: 95 Resp: 62851
Ion Ratio Lower Upper
95 100
174 98.6 78.9 118.3
176 95.9 77.1 115.7





#61
Tetrachloroethene
Concen: 21.339 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

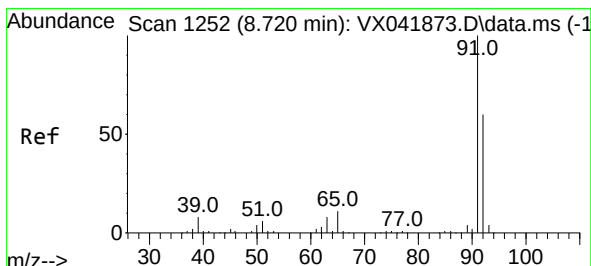
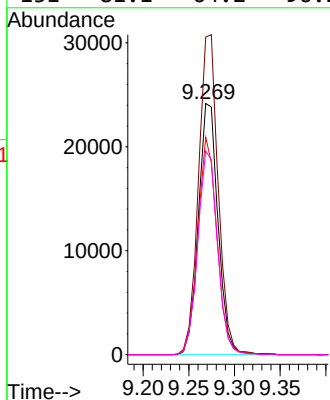
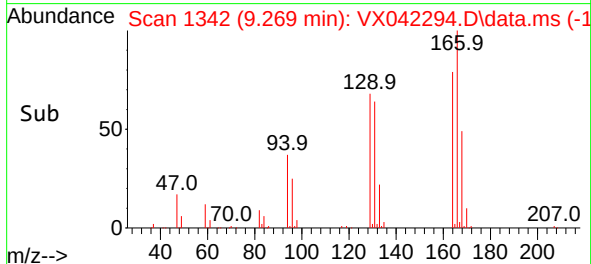
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 3605
Ion Ratio Lower Upper
164 100
166 126.4 105.0 157.6
129 86.6 67.1 100.7
131 81.1 64.2 96.2

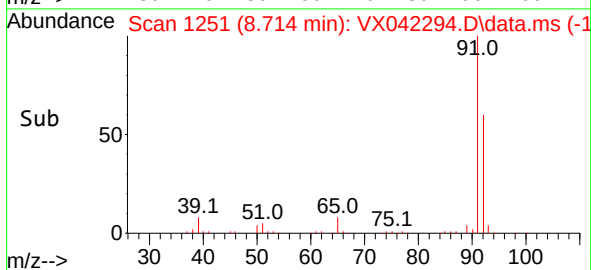
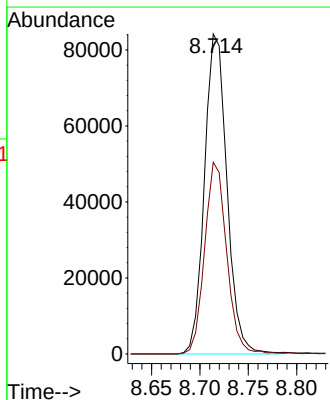
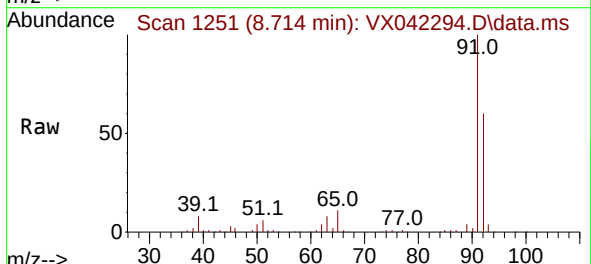
Manual Integrations
APPROVED

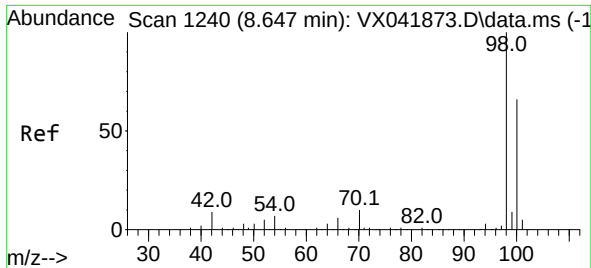
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#62
Toluene
Concen: 20.067 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

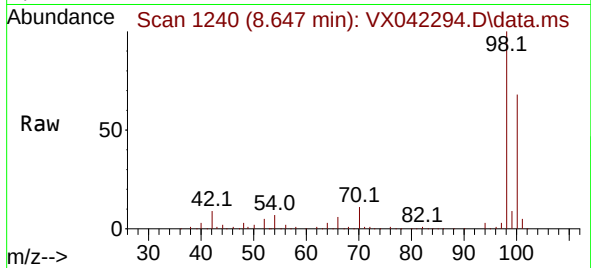
Tgt Ion: 91 Resp: 136359
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.2





#63
Toluene-d8
Concen: 29.601 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

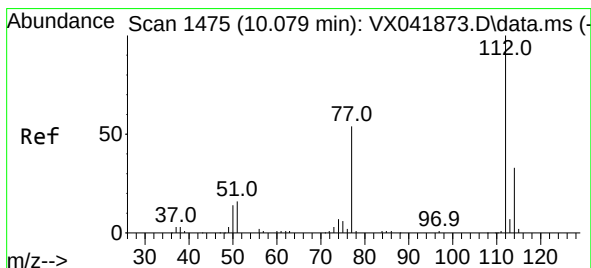
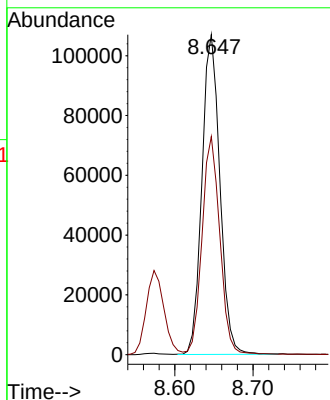
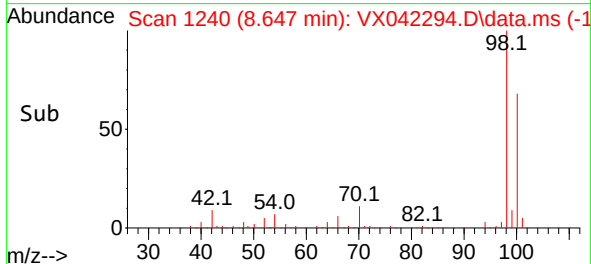
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



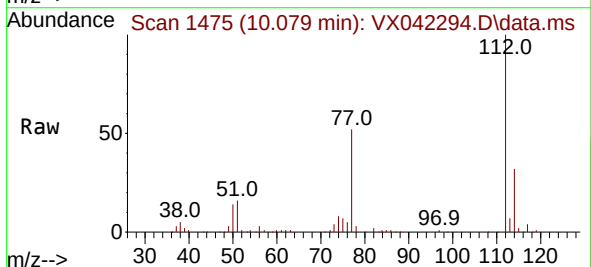
Tgt Ion: 98 Resp: 170050
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1

Manual Integrations
APPROVED

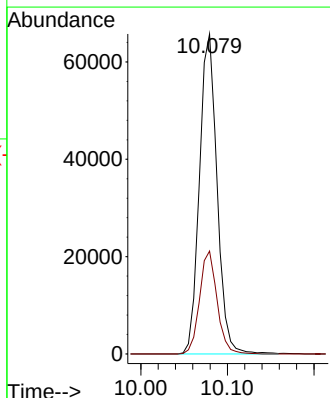
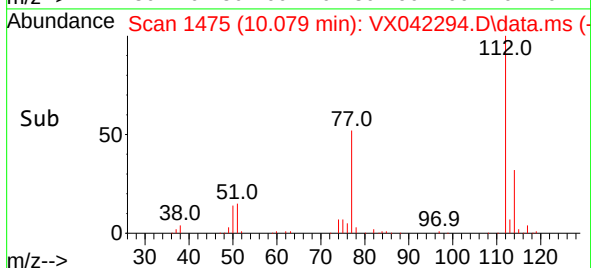
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

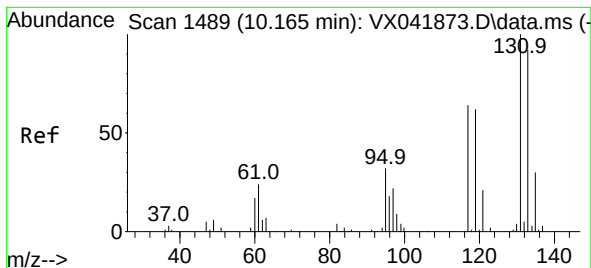


#64
Chlorobenzene
Concen: 20.093 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



Tgt Ion:112 Resp: 92976
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4





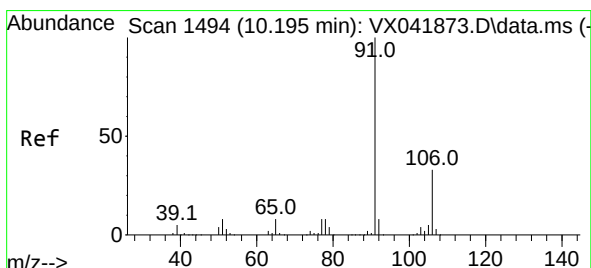
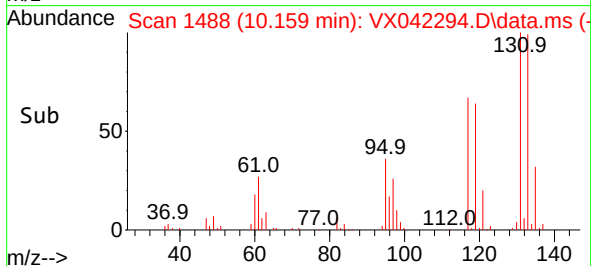
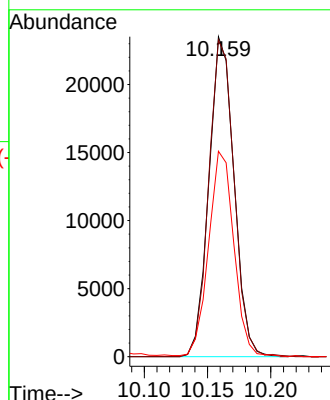
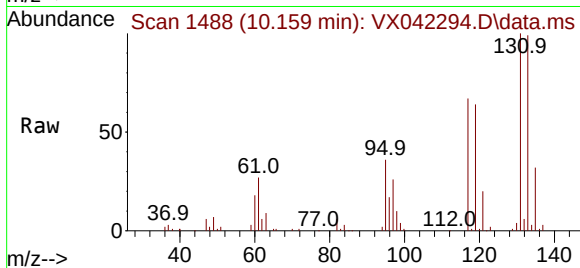
#65
1,1,1,2-Tetrachloroethane
Concen: 20.311 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 32458
Ion Ratio Lower Upper
131 100
133 99.4 0.0 194.8
119 64.8 0.0 127.6

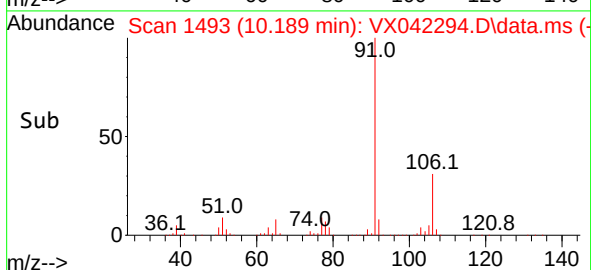
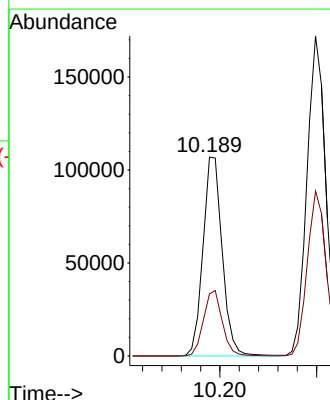
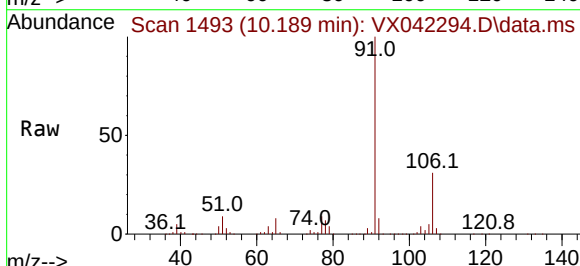
Manual Integrations
APPROVED

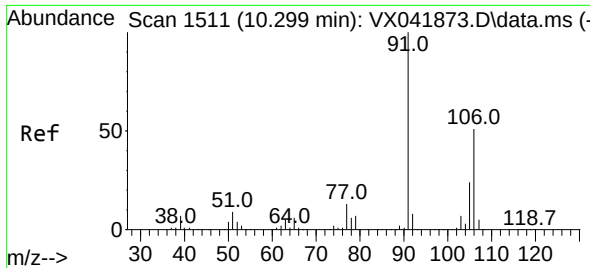
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#66
Ethyl Benzene
Concen: 19.978 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion: 91 Resp: 148417
Ion Ratio Lower Upper
91 100
106 31.3 26.4 39.6





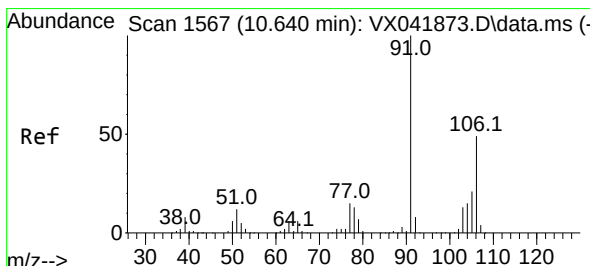
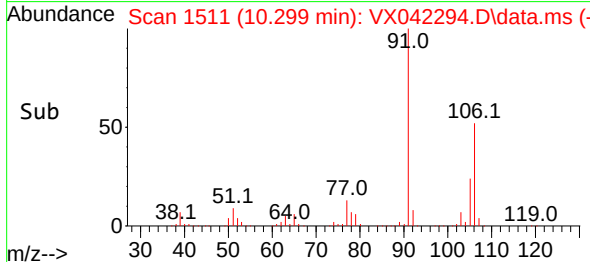
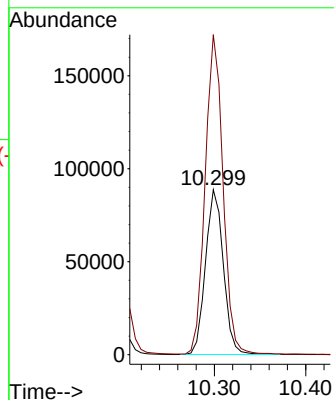
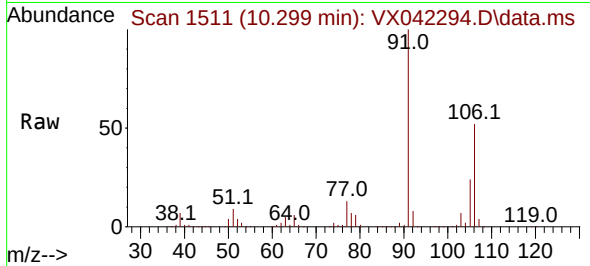
#67
m/p-Xylenes
Concen: 40.291 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 120390
Ion Ratio Lower Upper
106 100
91 193.9 157.0 235.6

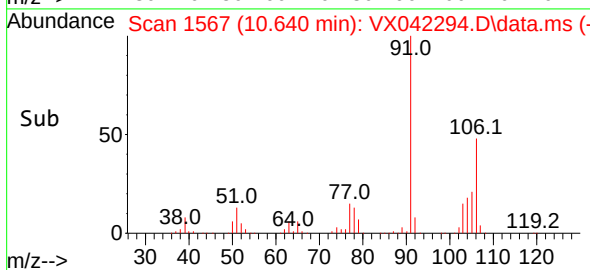
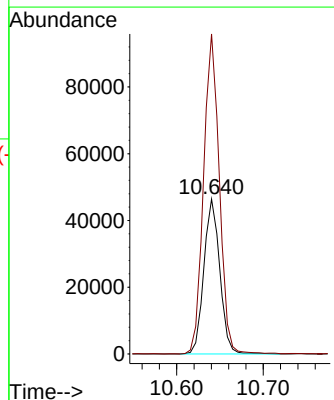
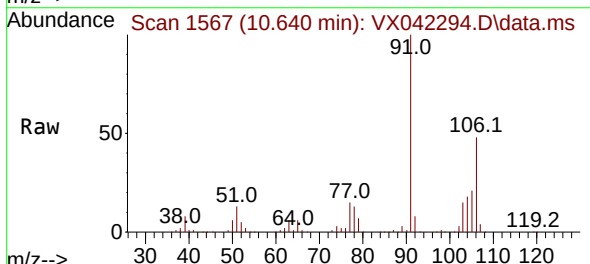
Manual Integrations
APPROVED

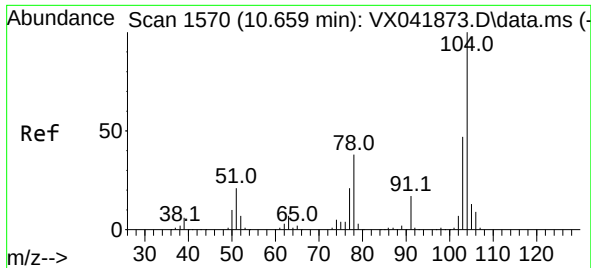
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#68
o-Xylene
Concen: 19.898 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion:106 Resp: 59281
Ion Ratio Lower Upper
106 100
91 204.3 103.2 309.6





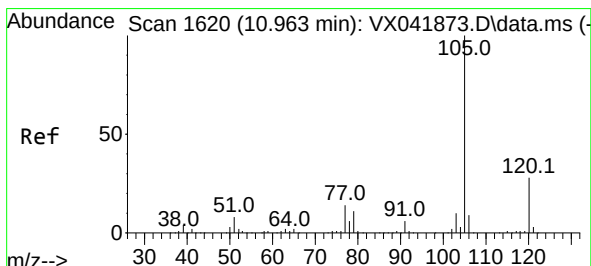
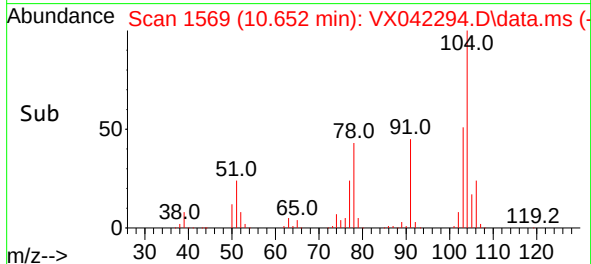
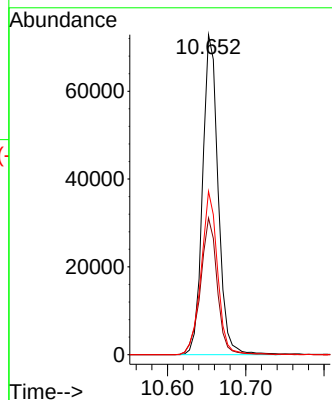
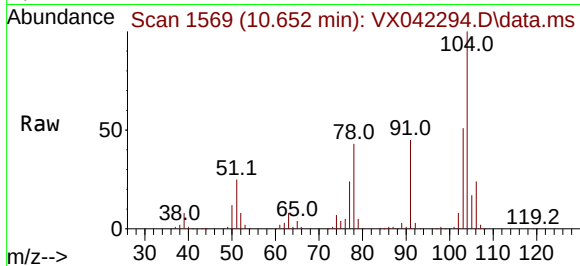
#69
Styrene
Concen: 20.202 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 100579
Ion Ratio Lower Upper
104 100
78 45.8 36.5 54.7
103 53.7 43.4 65.2

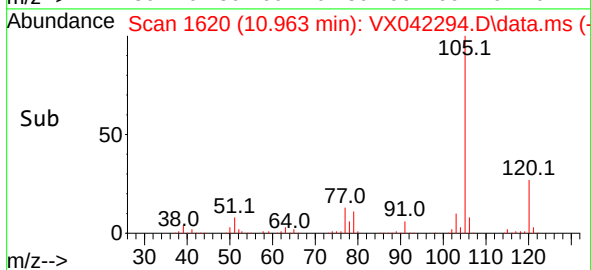
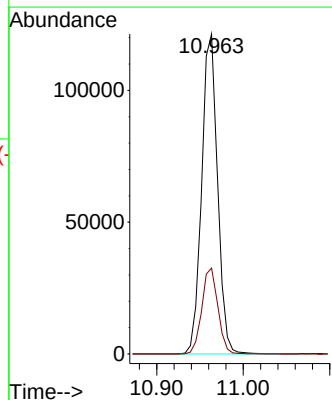
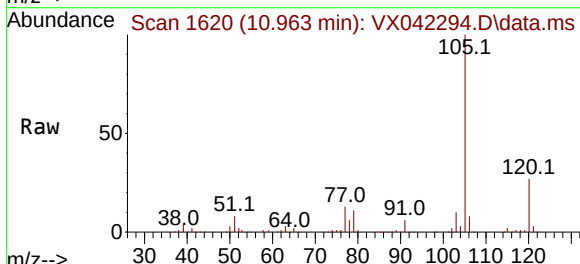
Manual Integrations
APPROVED

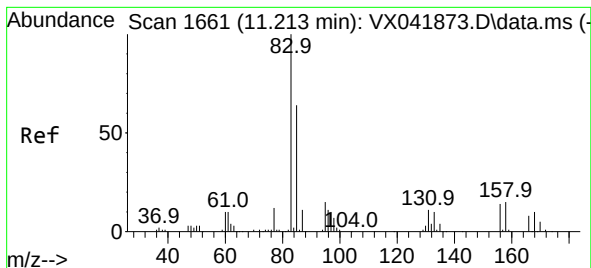
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#70
Isopropylbenzene
Concen: 20.612 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion:105 Resp: 154401
Ion Ratio Lower Upper
105 100
120 27.1 19.2 35.6





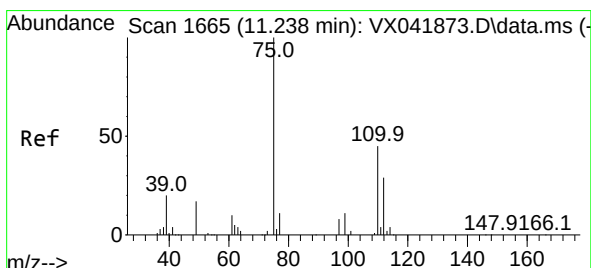
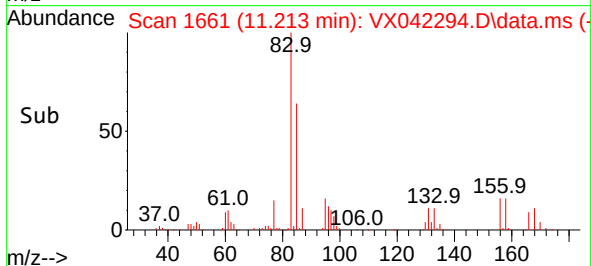
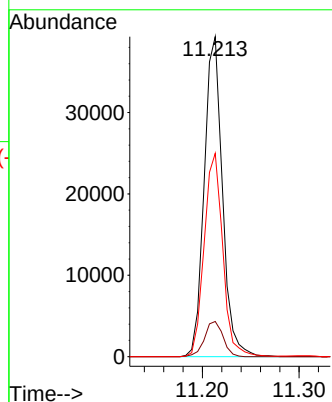
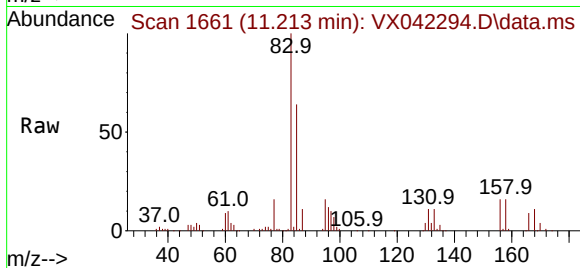
#71
1,1,2,2-Tetrachloroethane
Concen: 19.922 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5164
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 64.2 32.6 97.7

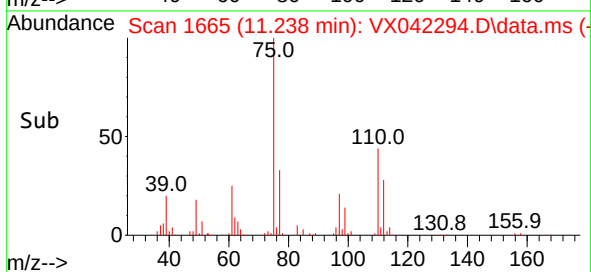
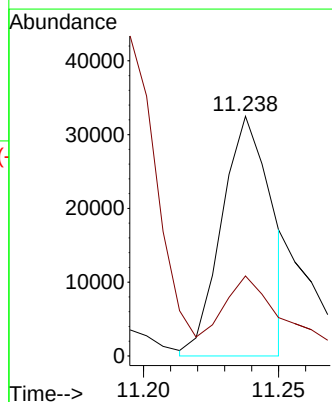
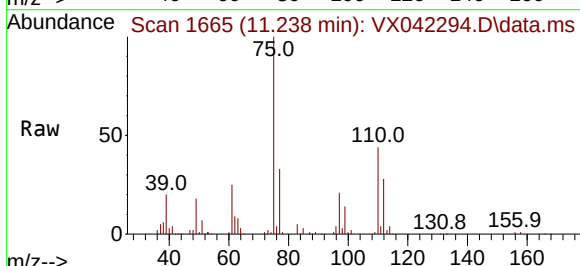
Manual Integrations
APPROVED

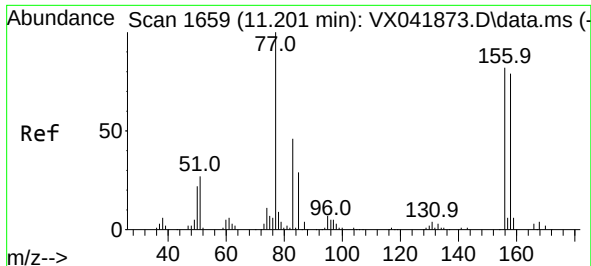
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#72
1,2,3-Trichloropropane
Concen: 19.803 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

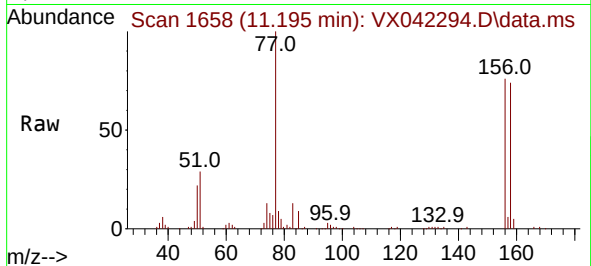
Tgt Ion: 75 Resp: 41581
Ion Ratio Lower Upper
75 100
77 42.2 0.0 79.6





#73
Bromobenzene
Concen: 20.263 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

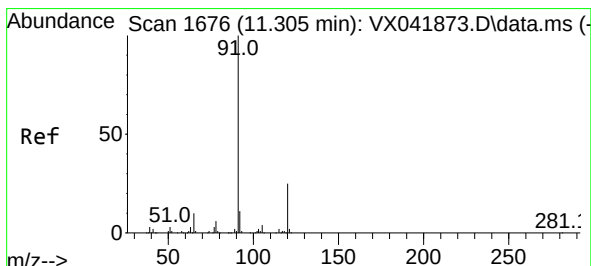
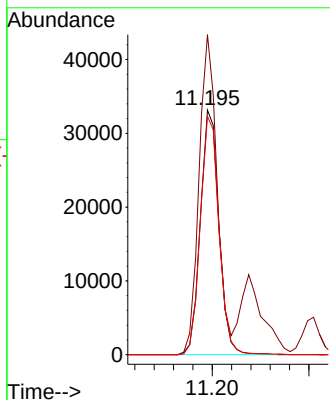
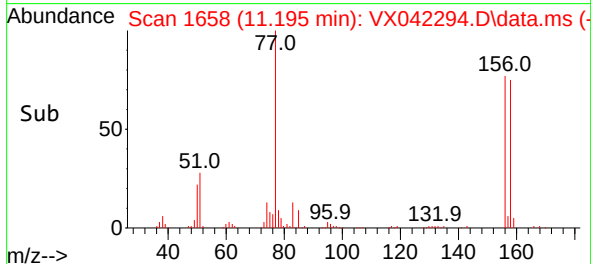
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



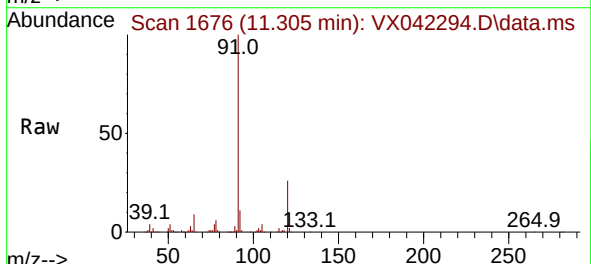
Tgt Ion:156 Resp: 44275
Ion Ratio Lower Upper
156 100
77 126.7 0.0 266.2
158 97.9 0.0 195.2

Manual Integrations
APPROVED

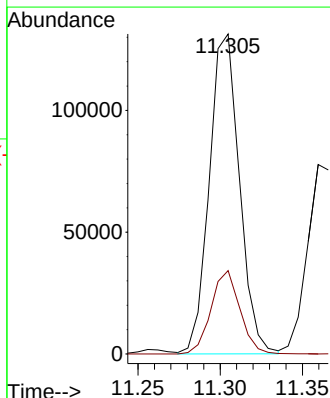
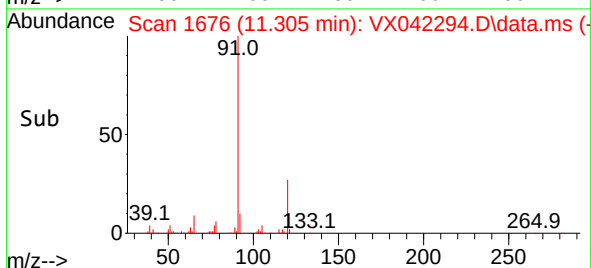
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

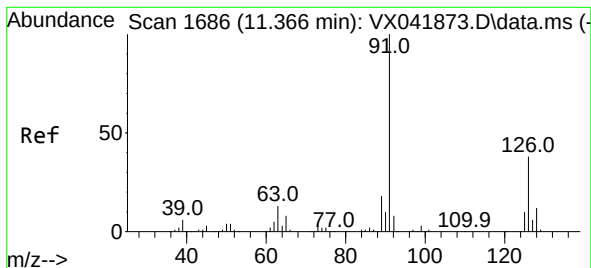


#74
n-propylbenzene
Concen: 20.357 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



Tgt Ion: 91 Resp: 167512
Ion Ratio Lower Upper
91 100
120 25.0 0.0 49.6





#75

2-Chlorotoluene

Concen: 20.164 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 10536

Ion Ratio Lower Upper

91 100

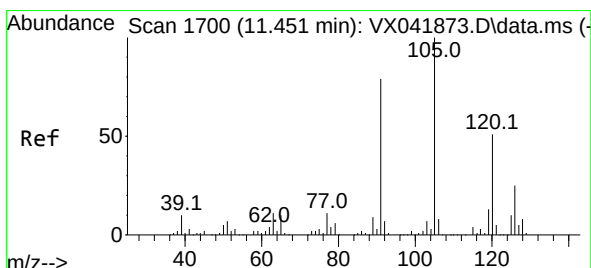
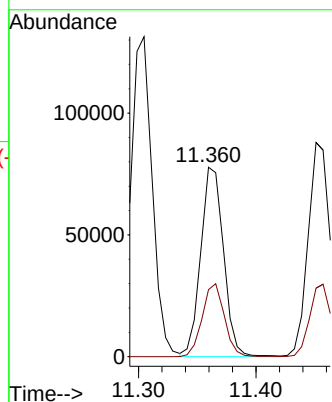
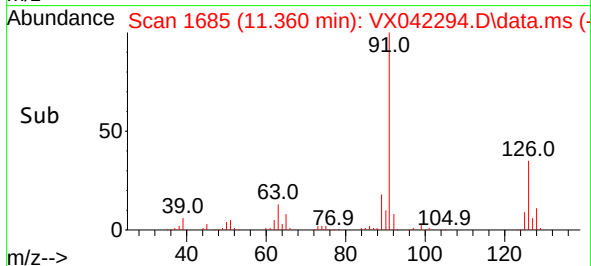
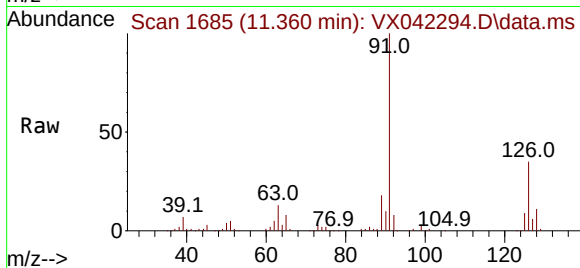
126 37.3 0.0 72.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.219 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042294.D

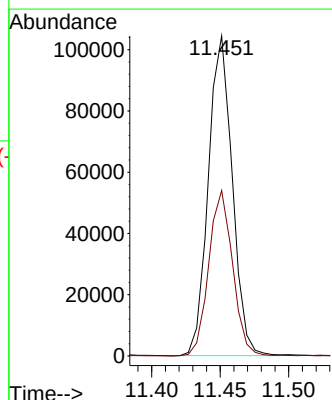
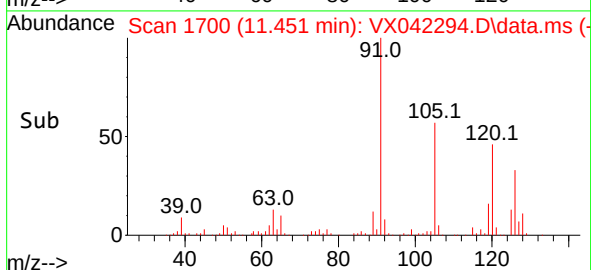
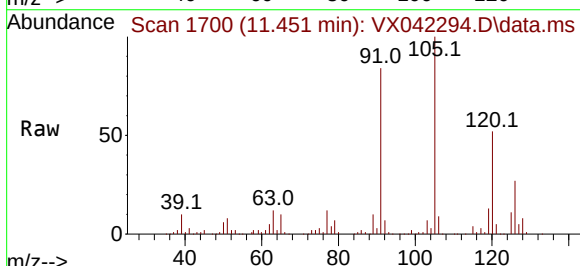
Acq: 12 Jul 2024 11:43

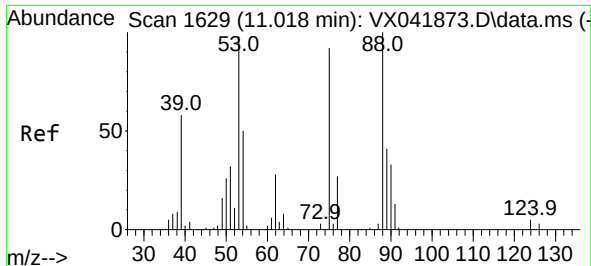
Tgt Ion:105 Resp: 126886

Ion Ratio Lower Upper

105 100

120 51.3 0.0 103.0





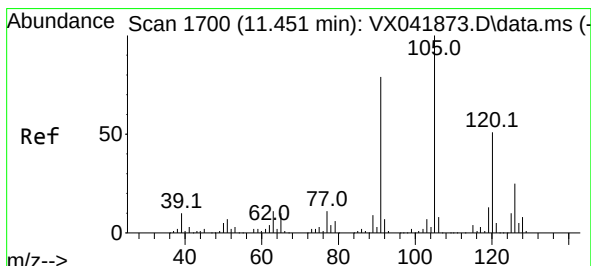
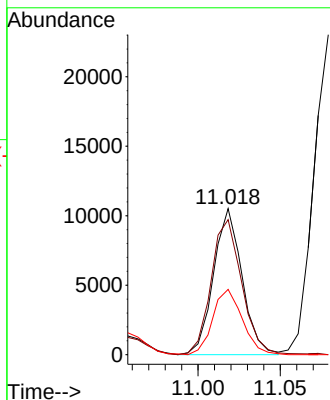
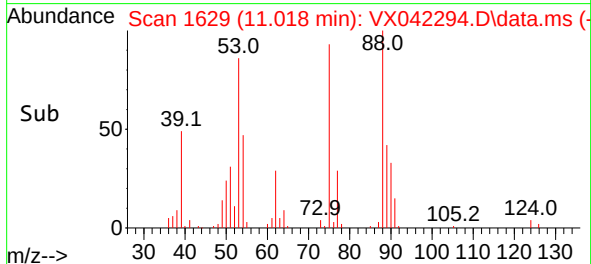
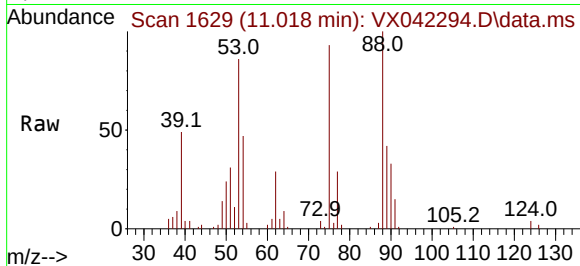
#77
t-1,4-Dichloro-2-butene
Concen: 16.348 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 12699
Ion Ratio Lower Upper
75 100
53 92.5 53.4 160.2
89 44.2 22.5 67.5

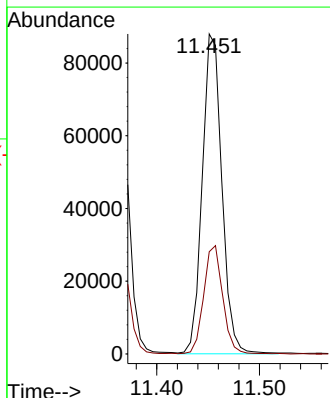
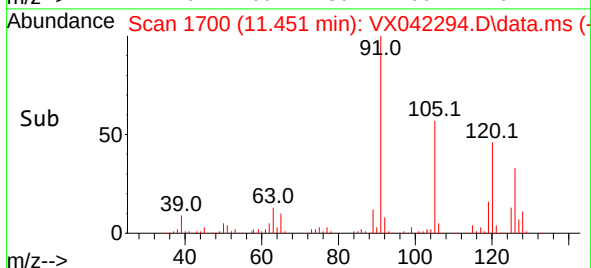
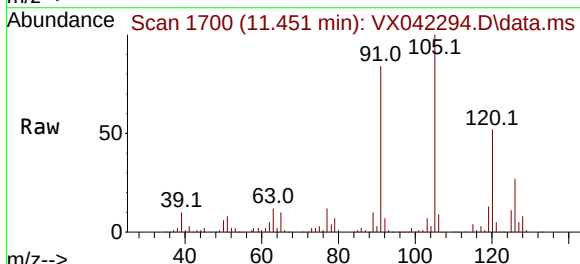
Manual Integrations
APPROVED

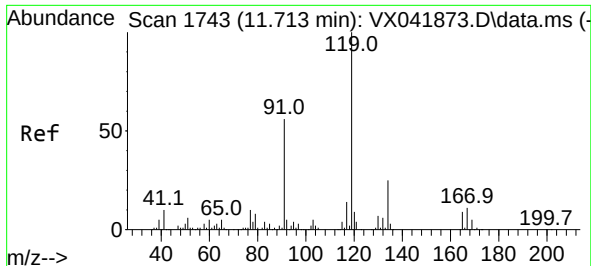
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#78
4-Chlorotoluene
Concen: 20.179 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

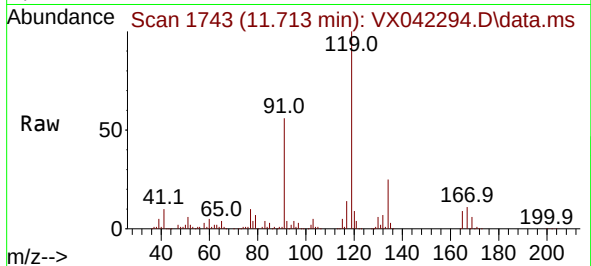
Tgt Ion: 91 Resp: 117128
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.8





#79
tert-butylbenzene
Concen: 20.217 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

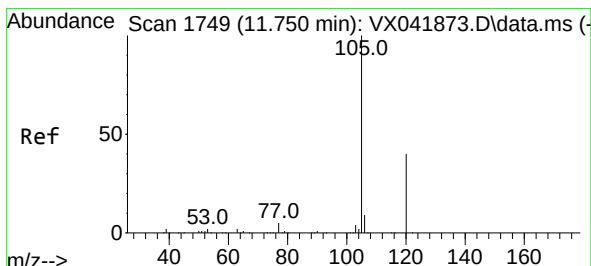
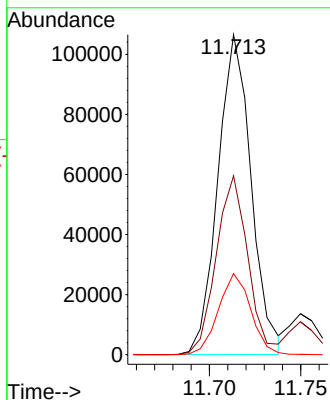
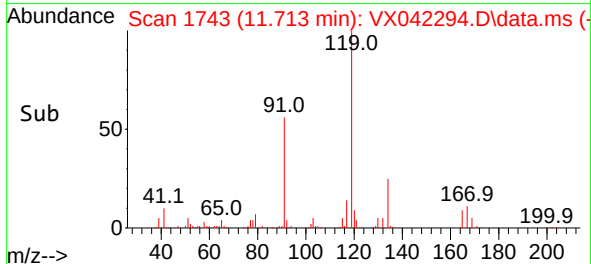
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 13467
Ion Ratio Lower Upper
119 100
91 53.4 0.0 106.0
134 24.7 0.0 49.4

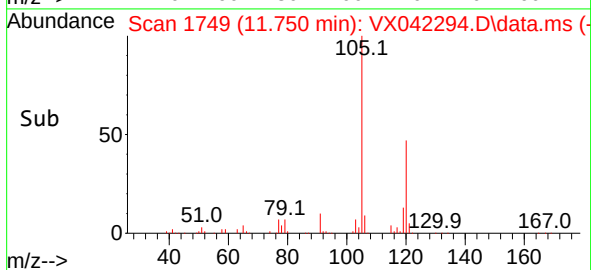
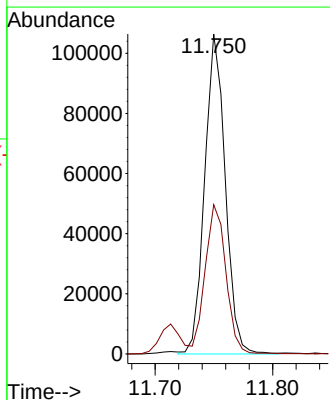
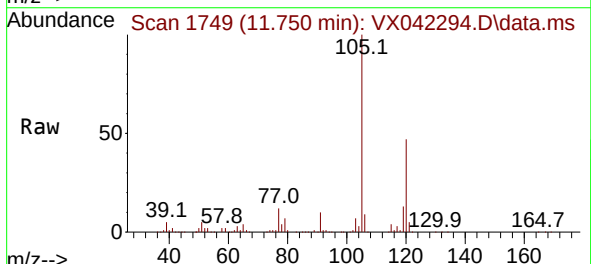
Manual Integrations
APPROVED

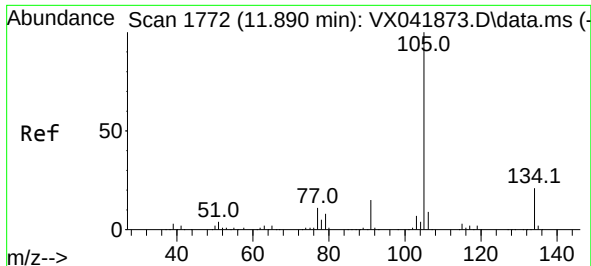
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.629 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

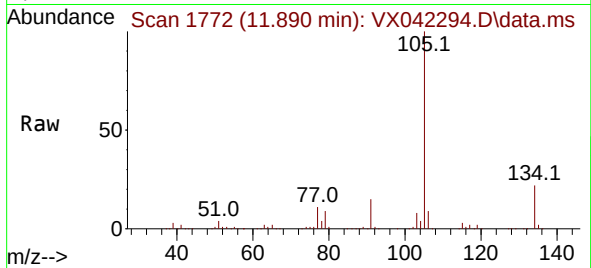
Tgt Ion:105 Resp: 129337
Ion Ratio Lower Upper
105 100
120 46.3 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 20.578 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042294.D
 Acq: 12 Jul 2024 11:43

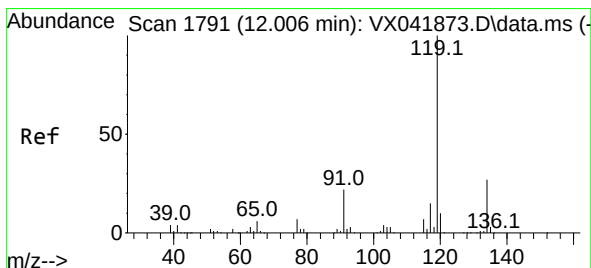
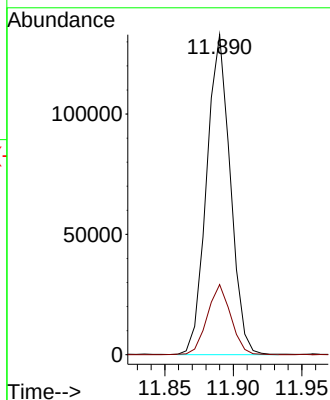
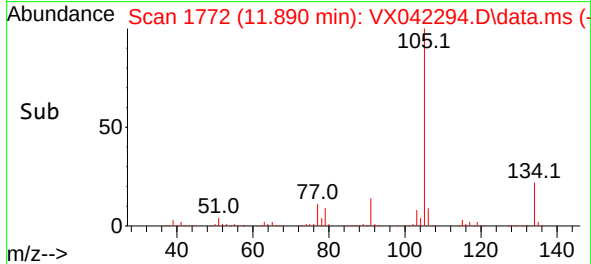
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



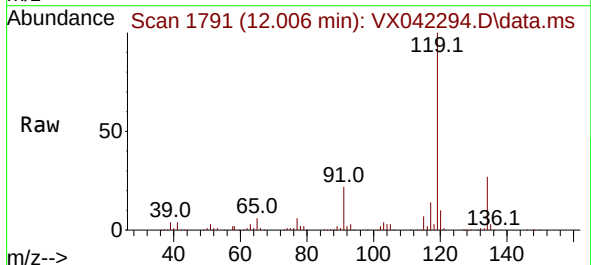
Tgt Ion:105 Resp: 15988
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.2

Manual Integrations
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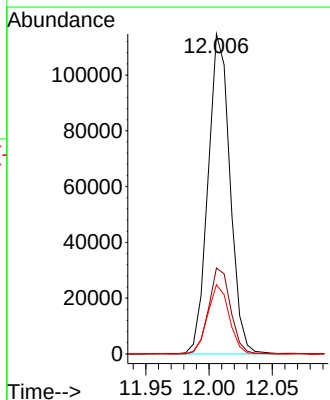
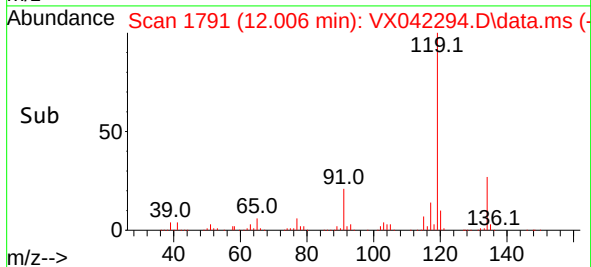
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

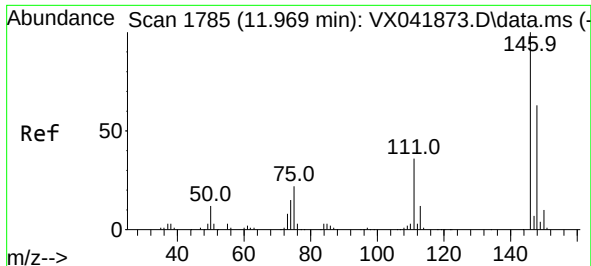


#82
 p-Isopropyltoluene
 Concen: 20.362 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042294.D
 Acq: 12 Jul 2024 11:43



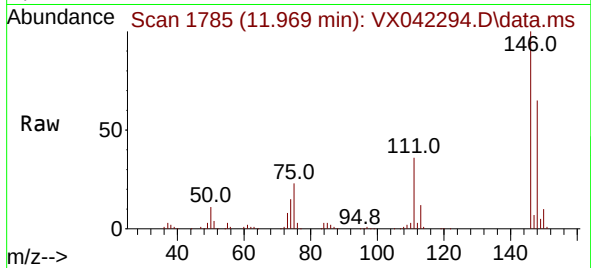
Tgt Ion:119 Resp: 138634
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.0
 91 21.3 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 20.345 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

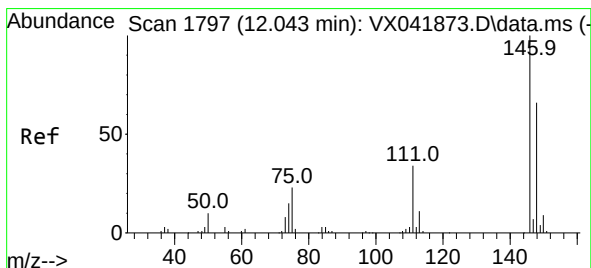
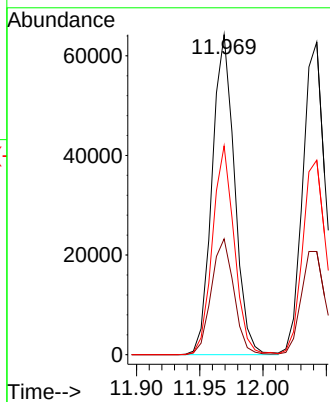
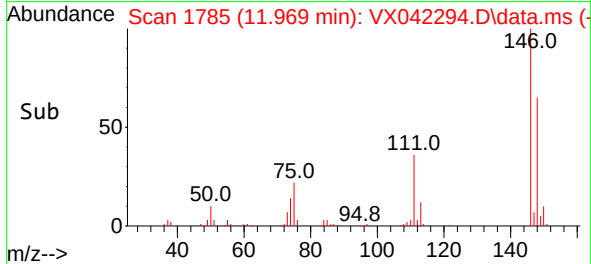
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



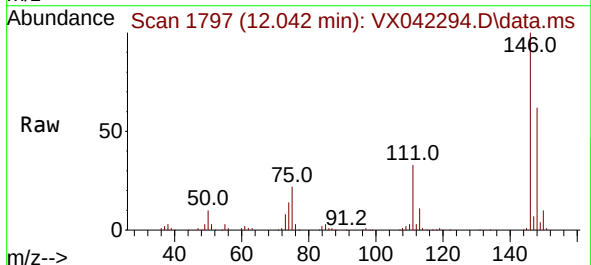
Tgt Ion:146 Resp: 79259
Ion Ratio Lower Upper
146 100
111 36.5 18.0 54.0
148 63.0 31.9 95.7

Manual Integrations
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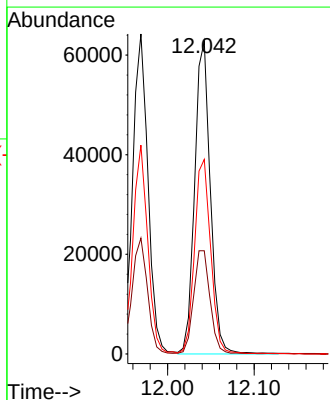
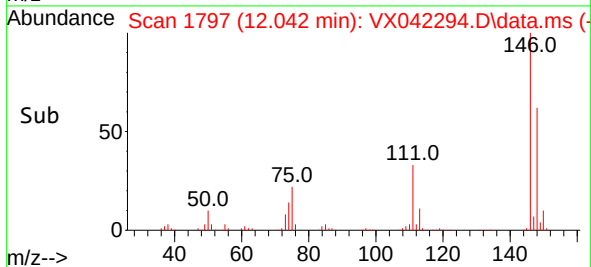
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

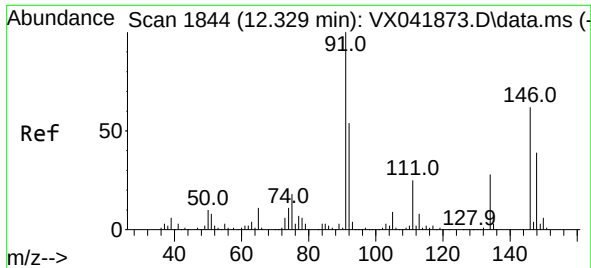


#84
1,4-Dichlorobenzene
Concen: 20.429 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



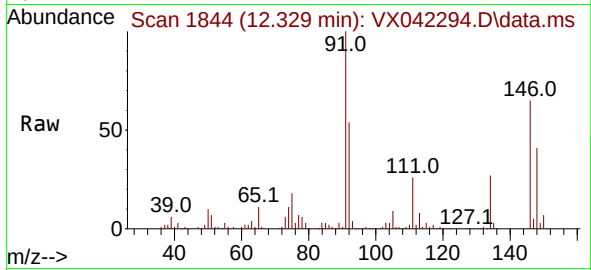
Tgt Ion:146 Resp: 79222
Ion Ratio Lower Upper
146 100
111 33.9 17.4 52.3
148 63.4 32.3 96.9





#85
n-Butylbenzene
Concen: 19.681 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

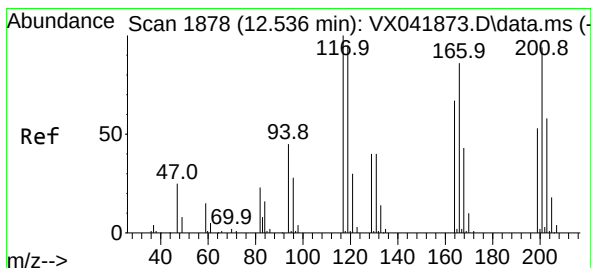
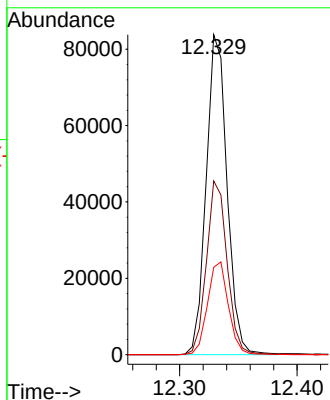
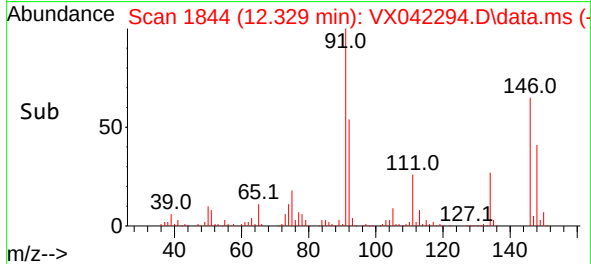
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 103619
Ion Ratio Lower Upper
91 100
92 53.6 0.0 109.8
134 29.0 0.0 58.4

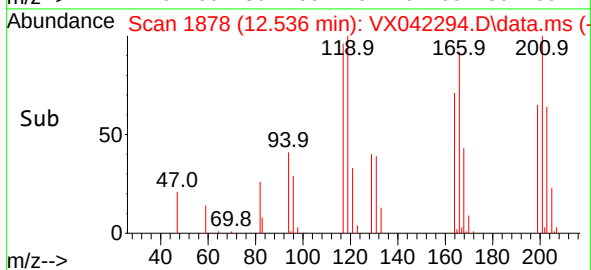
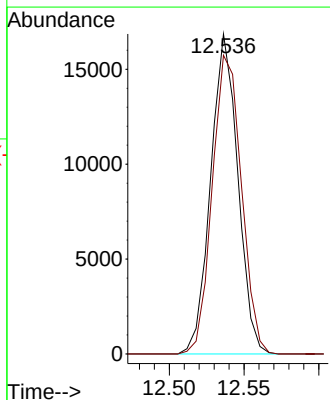
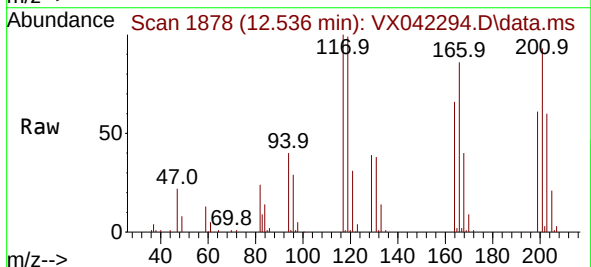
Manual Integrations
APPROVED

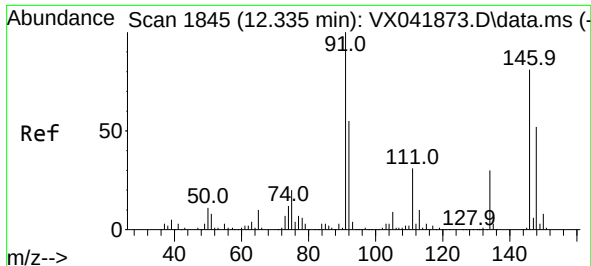
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#86
Hexachloroethane
Concen: 19.172 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Tgt Ion:117 Resp: 21317
Ion Ratio Lower Upper
117 100
201 100.1 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 20.322 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 8006

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.3

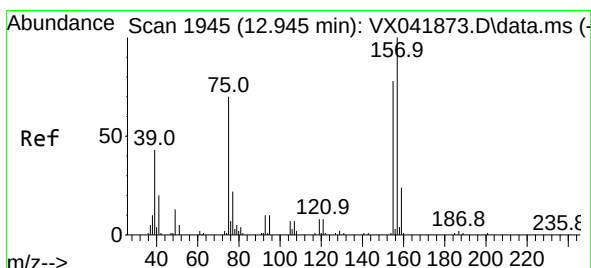
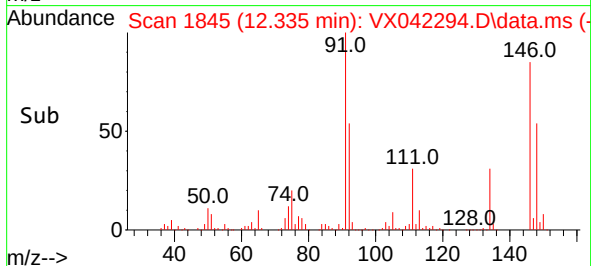
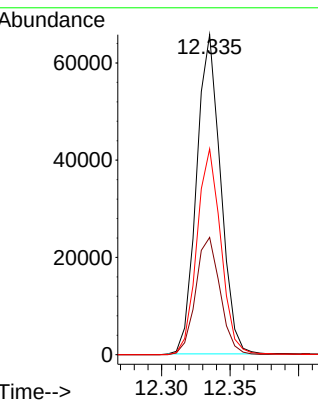
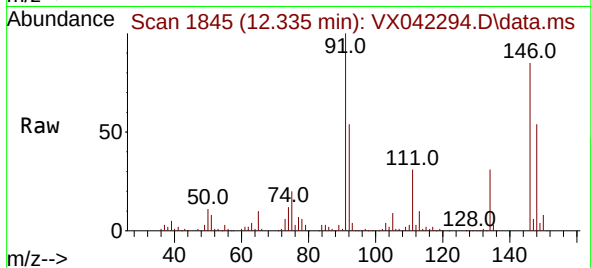
148 64.5 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.298 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX042294.D

Acq: 12 Jul 2024 11:43

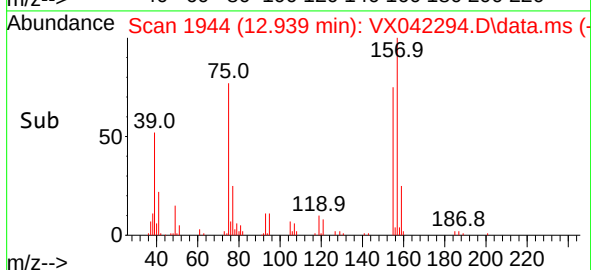
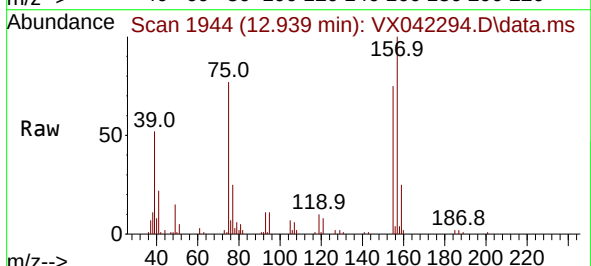
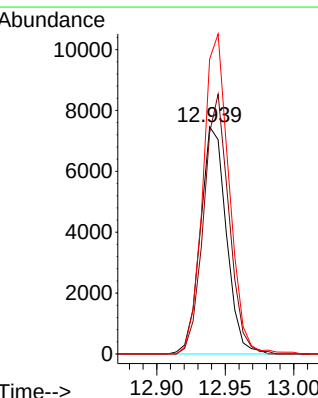
Tgt Ion: 75 Resp: 9812

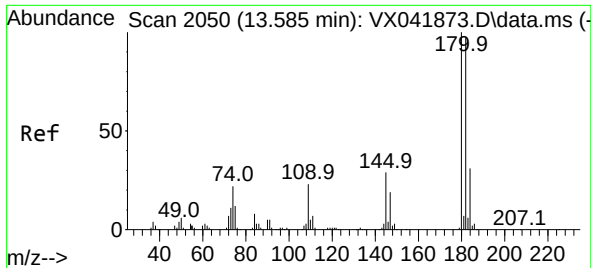
Ion Ratio Lower Upper

75 100

155 110.8 88.6 133.0

157 141.4 112.8 169.2





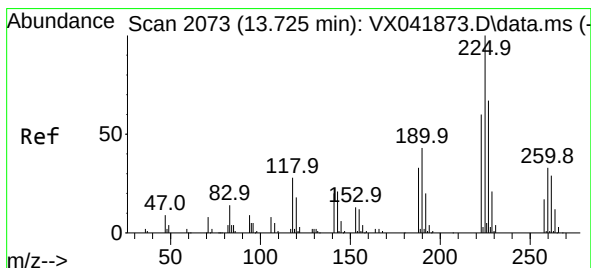
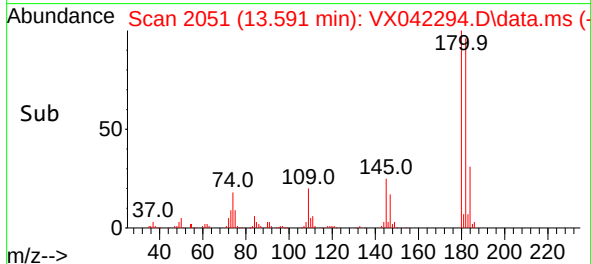
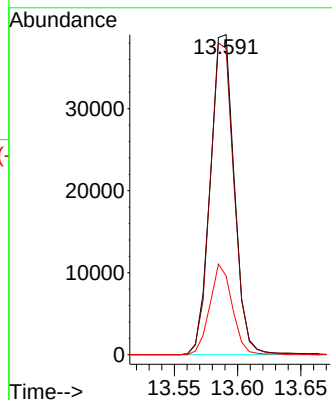
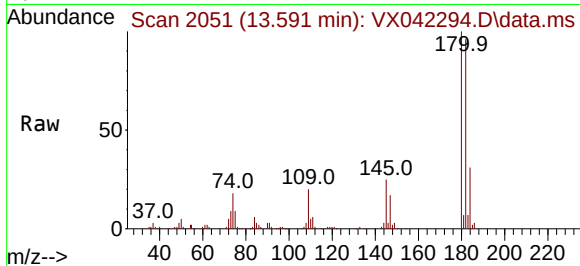
#89
1,2,4-Trichlorobenzene
Concen: 19.227 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:180 Resp: 51279
Ion Ratio Lower Upper
180 100
182 97.5 76.9 115.3
145 26.5 22.8 34.2

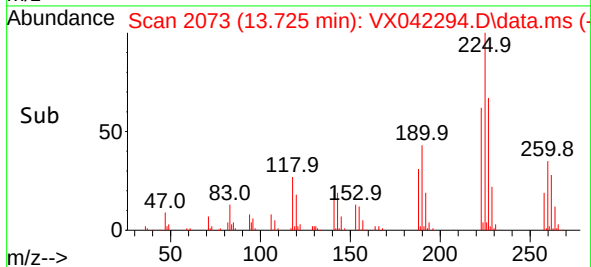
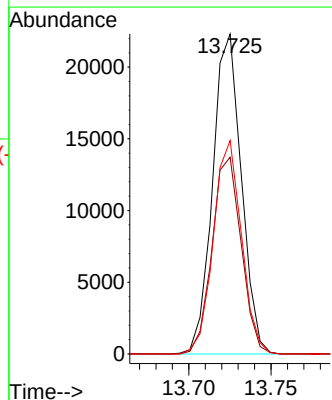
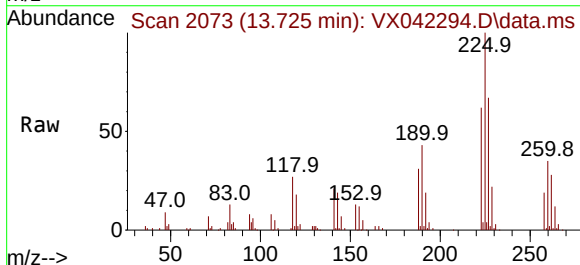
Manual Integrations
APPROVED

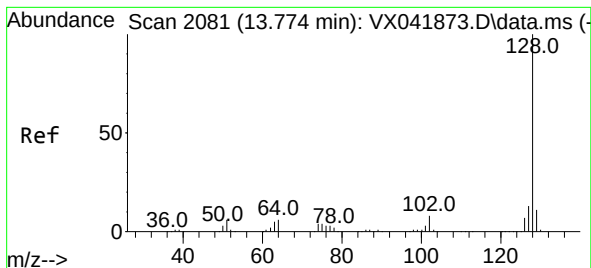
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#90
Hexachlorobutadiene
Concen: 20.592 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

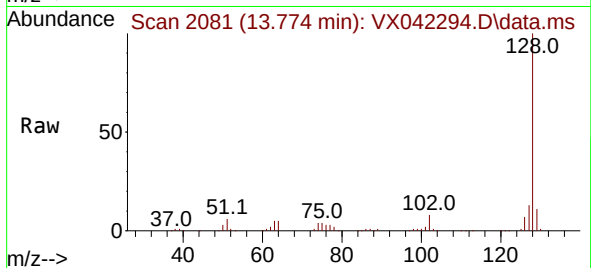
Tgt Ion:225 Resp: 27062
Ion Ratio Lower Upper
225 100
223 62.5 0.0 120.8
227 65.4 0.0 126.6





#91
Naphthalene
Concen: 19.147 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43

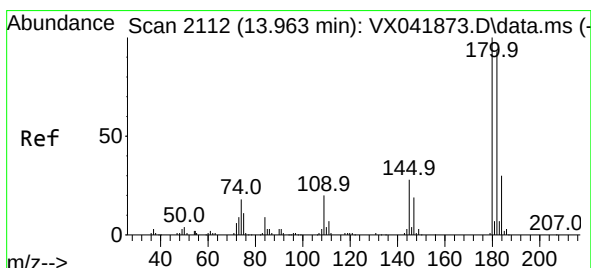
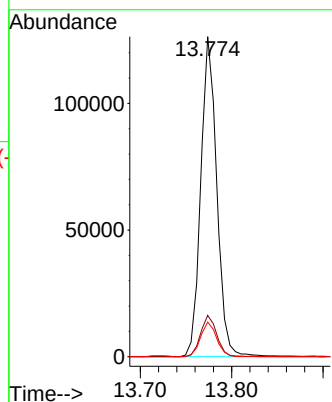
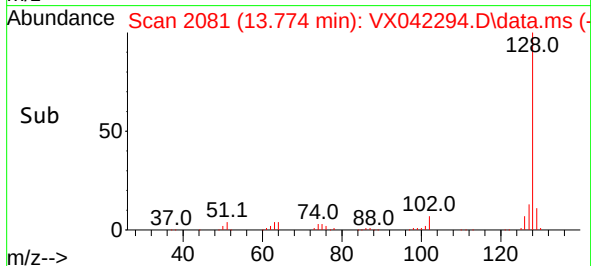
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



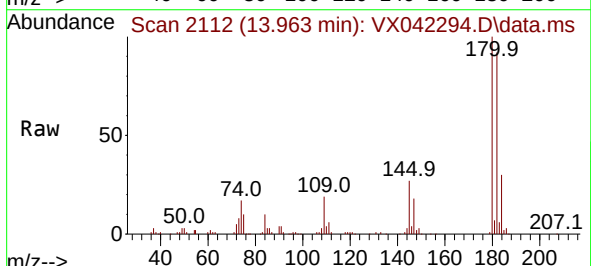
Tgt Ion:128 Resp: 154290
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.200 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042294.D
Acq: 12 Jul 2024 11:43



Tgt Ion:180 Resp: 55795
Ion Ratio Lower Upper
180 100
182 93.1 0.0 187.8
145 28.6 0.0 58.4

