

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042879.D
 Acq On : 06 Aug 2024 19:05
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 07 02:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60103	19.489	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.980%#		
35) Dibromofluoromethane	5.385	113	47403	19.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.500%#		
50) Toluene-d8	8.647	98	173436	19.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.680%#		
62) 4-Bromofluorobenzene	11.079	95	60462	19.246	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49429	20.413	ug/l	97
3) Chloromethane	1.301	50	53966	20.455	ug/l	94
4) Vinyl Chloride	1.374	62	52267	20.880	ug/l	97
5) Bromomethane	1.593	94	29012	19.150	ug/l	96
6) Chloroethane	1.660	64	28813	20.204	ug/l	95
7) Trichlorofluoromethane	1.867	101	83934	21.561	ug/l	98
8) Diethyl Ether	2.136	74	29173	20.374	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.313	101	51925	21.215	ug/l	97
10) Methyl Iodide	2.441	142	52181	20.618	ug/l	95
11) Tert butyl alcohol	2.995	59	55279	90.117	ug/l #	87
12) 1,1-Dichloroethene	2.306	96	51628	20.851	ug/l	88
13) Acrolein	2.239	56	61286	101.360	ug/l	98
14) Allyl chloride	2.660	41	77636	20.751	ug/l	95
15) Acrylonitrile	3.075	53	166781	106.526	ug/l	98
16) Acetone	2.392	43	142025	106.177	ug/l	92
17) Carbon Disulfide	2.502	76	119044	19.757	ug/l	99
18) Methyl Acetate	2.709	43	86690	20.437	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	172661	20.718	ug/l	100
20) Methylene Chloride	2.782	84	60824	21.319	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	51803	20.795	ug/l	94
22) Diisopropyl ether	3.770	45	177921	21.647	ug/l	95
23) Vinyl Acetate	3.727	43	1024488	109.825	ug/l	98
24) 1,1-Dichloroethane	3.605	63	99756	21.103	ug/l	99
25) 2-Butanone	4.568	43	229173	109.097	ug/l	94
26) 2,2-Dichloropropane	4.477	77	59106	20.339	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	63661	21.549	ug/l	90
28) Bromochloromethane	4.904	49	36983	20.390	ug/l	89
29) Tetrahydrofuran	5.019	42	153418	108.081	ug/l	96
30) Chloroform	5.099	83	104762	21.170	ug/l	100
31) Cyclohexane	5.464	56	80471	20.854	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	90970	20.882	ug/l	96
36) 1,1-Dichloropropene	5.696	75	67528	20.225	ug/l	98
37) Ethyl Acetate	4.733	43	89972	21.537	ug/l	99
38) Carbon Tetrachloride	5.672	117	75328	19.986	ug/l	99
39) Methylcyclohexane	7.379	83	83658	21.077	ug/l	97
40) Benzene	6.037	78	219425	21.175	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47455	22.055	ug/l	94
42) 1,2-Dichloroethane	6.086	62	78939	20.943	ug/l	99
43) Isopropyl Acetate	6.348	43	128264	20.761	ug/l	96
44) Trichloroethene	7.123	130	54155	20.799	ug/l	96
45) 1,2-Dichloropropane	7.427	63	55836	21.241	ug/l	98
46) Dibromomethane	7.586	93	41295	21.390	ug/l	93
47) Bromodichloromethane	7.824	83	75957	21.179	ug/l	99
48) Methyl methacrylate	7.696	41	64050	21.621	ug/l	91
49) 1,4-Dioxane	7.677	88	28332	421.293	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	460638	111.309	ug/l	99
52) Toluene	8.720	92	137830	21.928	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	70088	21.141	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	76508	20.896	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54887	21.480	ug/l	94
56) Ethyl methacrylate	9.116	69	87928	21.384	ug/l	93
57) 1,3-Dichloropropane	9.311	76	90634	21.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	213507	110.168	ug/l	99
59) 2-Hexanone	9.433	43	349734	109.063	ug/l	96
60) Dibromochloromethane	9.525	129	58873	20.973	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58204	21.559	ug/l	99
64) Tetrachloroethene	9.275	164	49110	21.150	ug/l	94
65) Chlorobenzene	10.079	112	148506	20.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	51702	21.159	ug/l	98
67) Ethyl Benzene	10.195	91	256642	21.530	ug/l	100
68) m/p-Xylenes	10.299	106	201489	44.278	ug/l	97
69) o-Xylene	10.640	106	97078	21.296	ug/l	99
70) Styrene	10.659	104	157781	21.524	ug/l	97
71) Bromoform	10.799	173	39628	20.104	ug/l #	98
73) Isopropylbenzene	10.963	105	250540	21.755	ug/l	98
74) N-amyl acetate	10.841	43	110054	21.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89263	21.158	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	72749m	20.821	ug/l	
77) Bromobenzene	11.195	156	62532	21.346	ug/l	91
78) n-propylbenzene	11.305	91	278948	21.806	ug/l	100
79) 2-Chlorotoluene	11.366	91	176477	21.524	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	210332	22.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21686	19.683	ug/l	98
82) 4-Chlorotoluene	11.457	91	199667	21.666	ug/l	99
83) tert-Butylbenzene	11.713	119	206928	21.116	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	212095	22.094	ug/l	98
85) sec-Butylbenzene	11.890	105	255415	22.134	ug/l	100
86) p-Isopropyltoluene	12.012	119	209073	21.808	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112383	21.197	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112726	20.743	ug/l	99
89) n-Butylbenzene	12.335	91	172731	20.885	ug/l	96
90) Hexachloroethane	12.536	117	36114	20.593	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	113105	21.304	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19694	21.245	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	65455	20.213	ug/l	96
94) Hexachlorobutadiene	13.725	225	28595	20.820	ug/l	99
95) Naphthalene	13.774	128	236006	21.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66975	20.546	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:27:24 2024
Response via : Initial Calibration

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

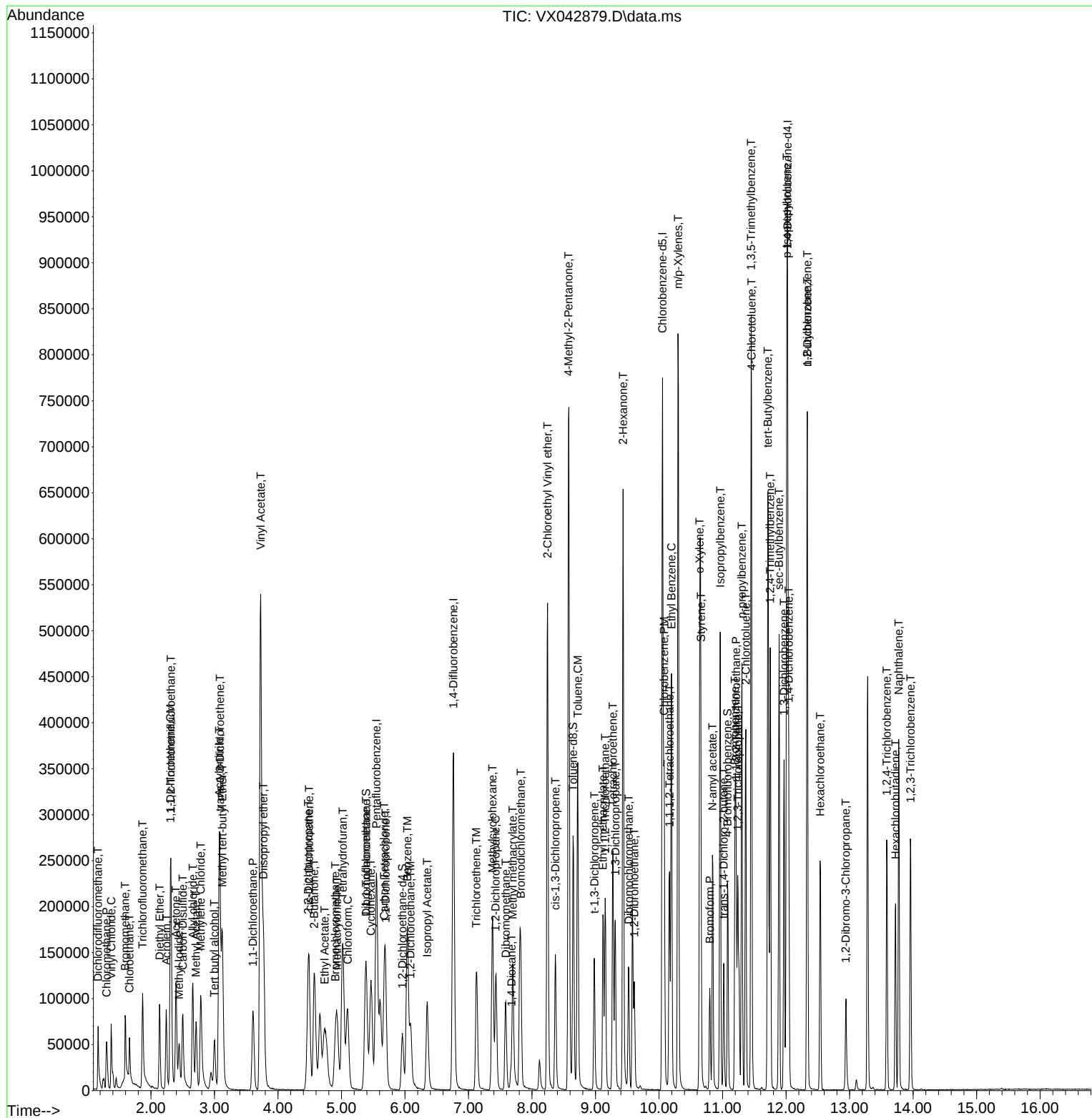
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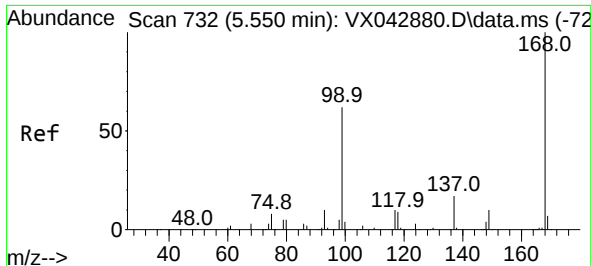
Instrument :
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Manual Integrations
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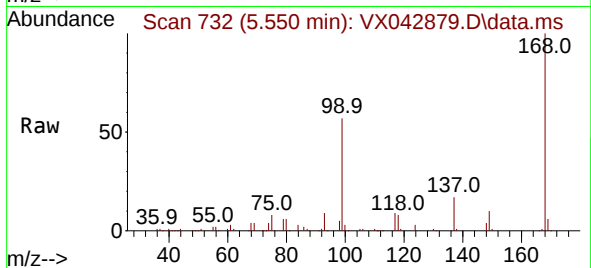
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042879.D
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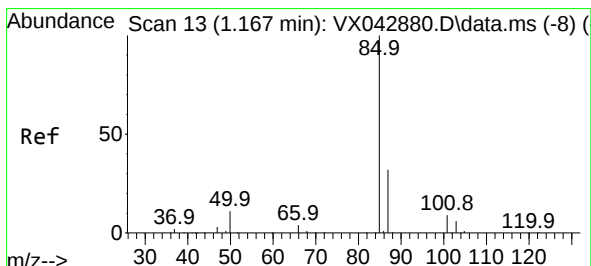
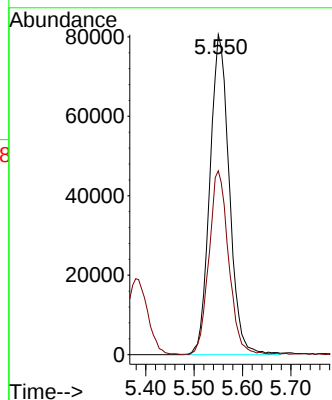
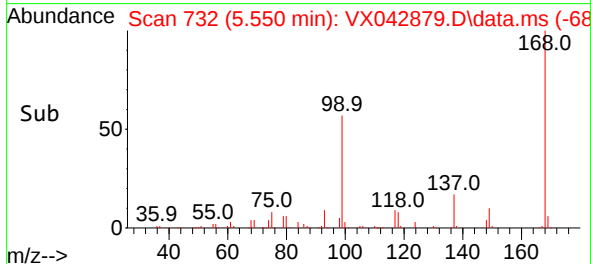
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 22464
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0

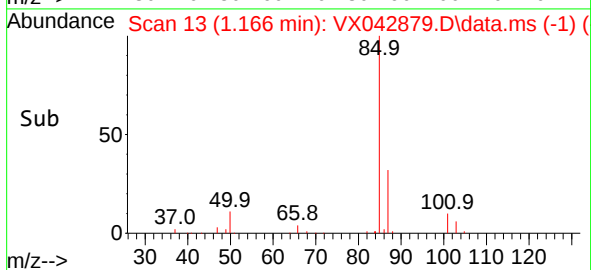
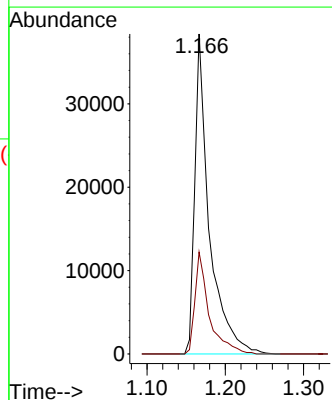
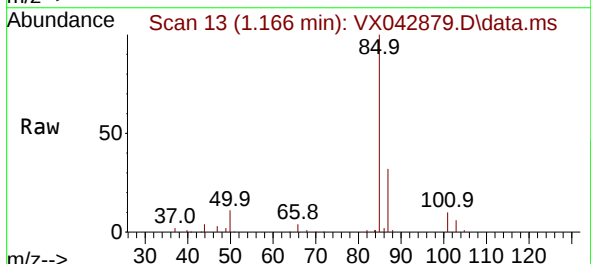
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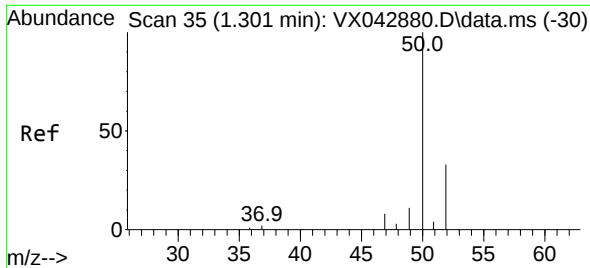
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#2
Dichlorodifluoromethane
Concen: 20.413 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 85 Resp: 49429
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





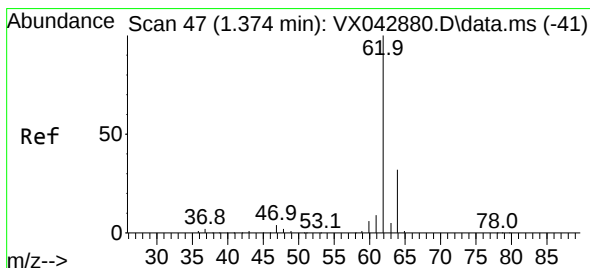
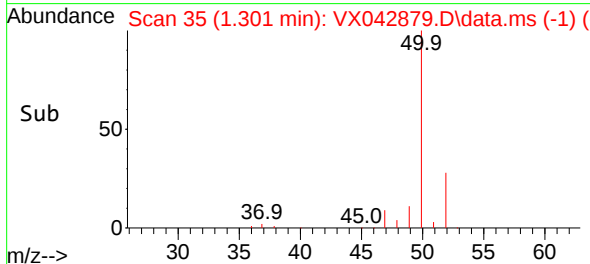
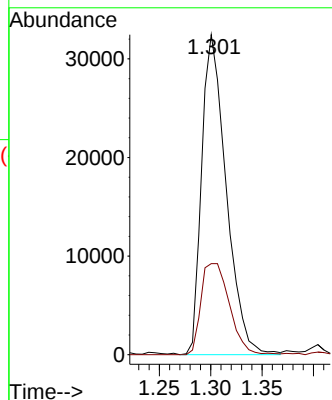
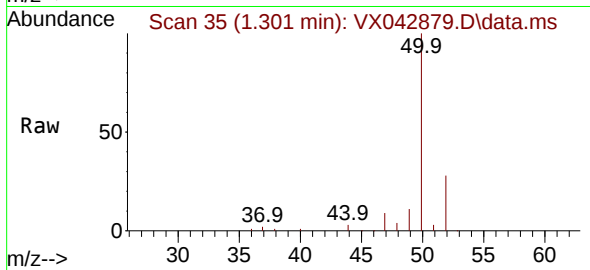
#3
Chloromethane
Concen: 20.455 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 53960
Ion Ratio Lower Upper
50 100
52 28.4 25.5 38.3

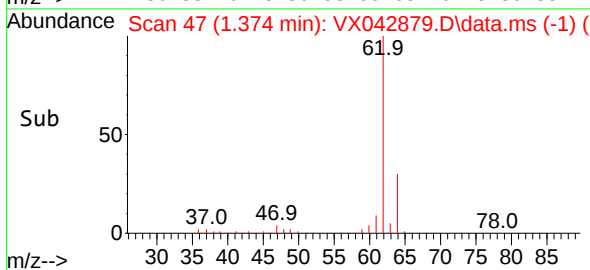
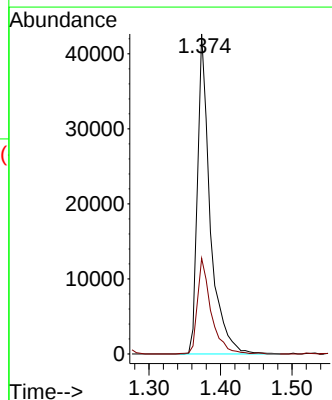
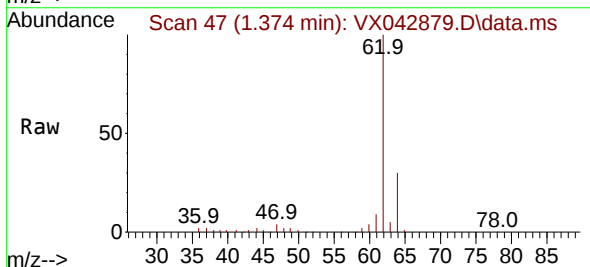
Manual Integrations
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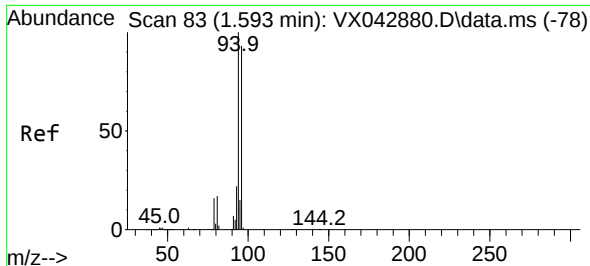
Reviewed By :John Carlone 08/07/2024
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#4
Vinyl Chloride
Concen: 20.880 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

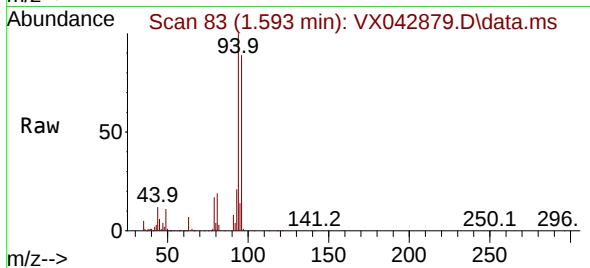
Tgt Ion: 62 Resp: 52267
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0





#5
Bromomethane
Concen: 19.150 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX042879.D
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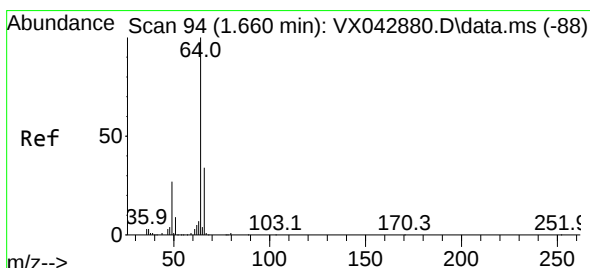
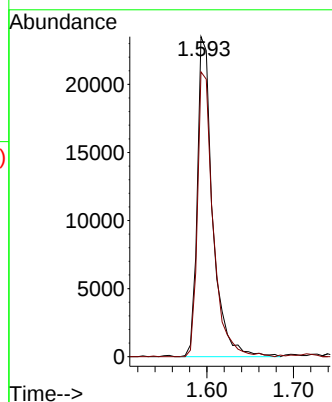
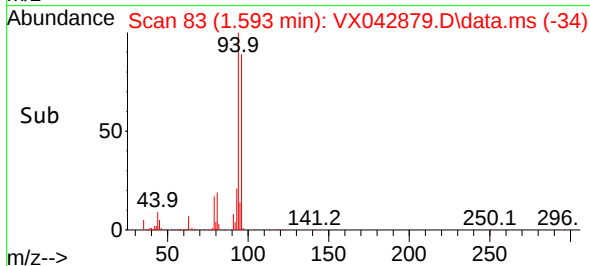
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Tgt Ion: 94 Resp: 2901
Ion Ratio Lower Upper
94 100
96 89.0 74.6 111.8

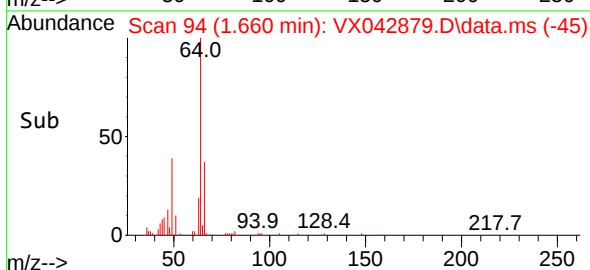
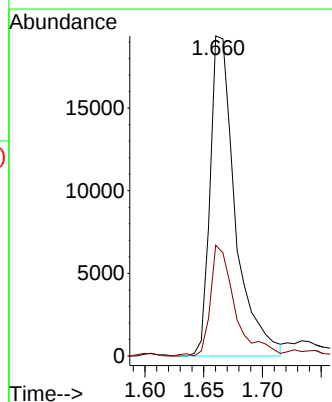
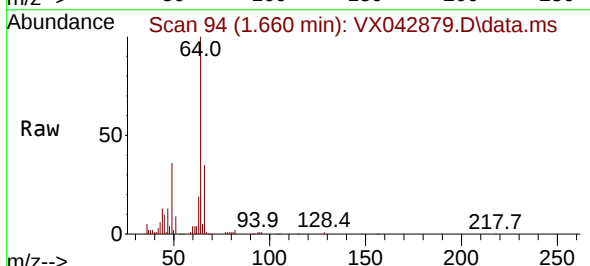
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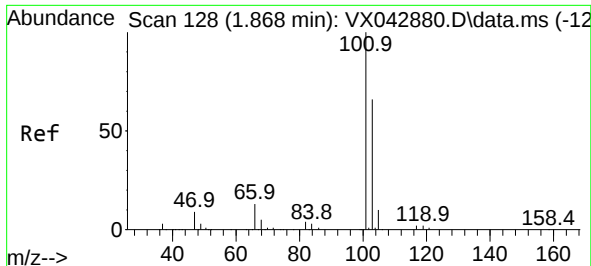
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#6
Chloroethane
Concen: 20.204 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042879.D
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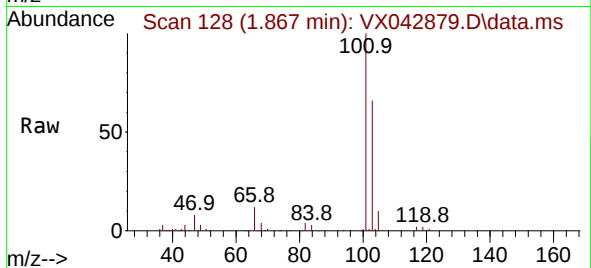
Tgt Ion: 64 Resp: 28813
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 21.561 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042879.D
 Acq: 06 Aug 2024 19:05

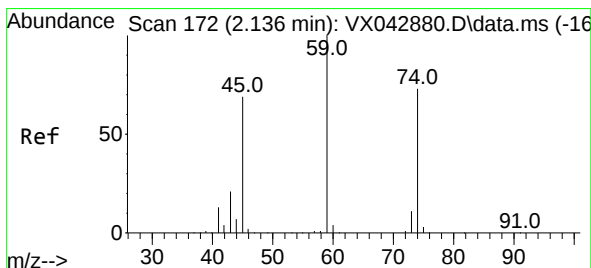
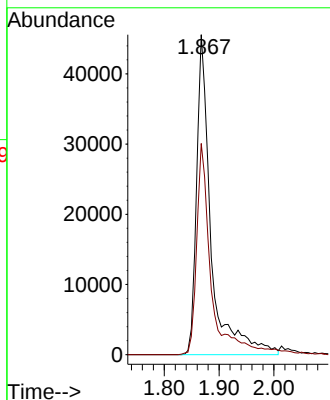
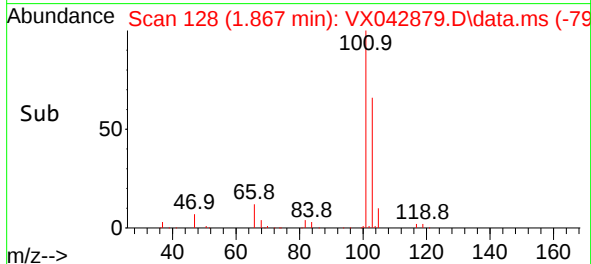
Instrument :
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Tgt Ion:101 Resp: 83934
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2

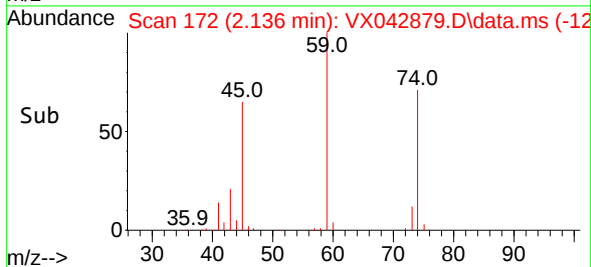
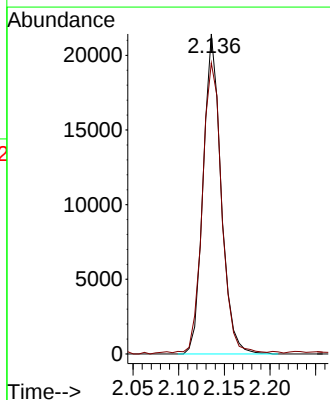
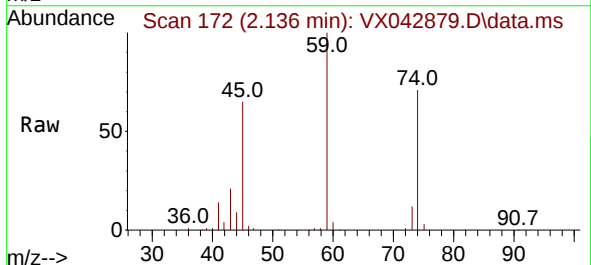
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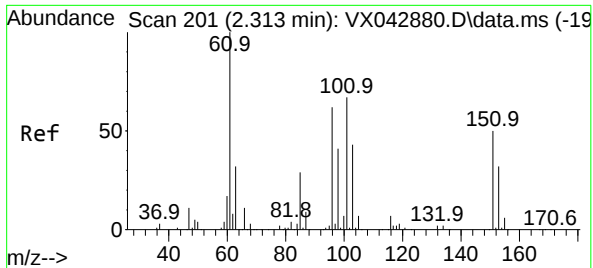
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#8
 Diethyl Ether
 Concen: 20.374 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX042879.D
 Acq: 06 Aug 2024 19:05

Tgt Ion: 74 Resp: 29173
 Ion Ratio Lower Upper
 74 100
 45 99.5 53.3 159.8





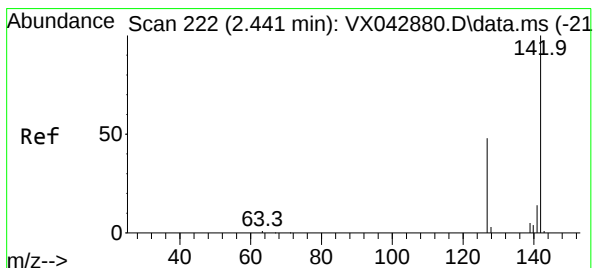
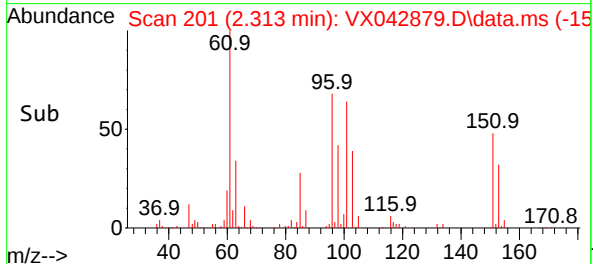
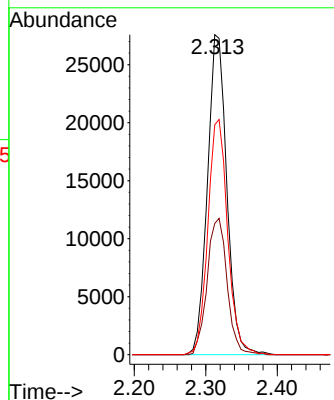
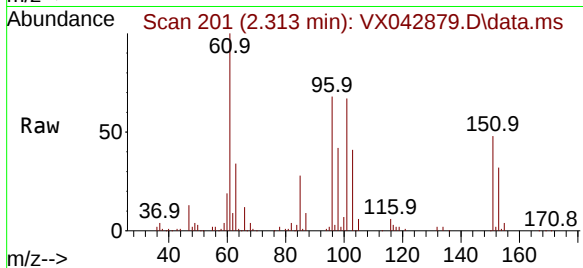
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.215 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5192
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.6
151 75.2 58.6 87.8

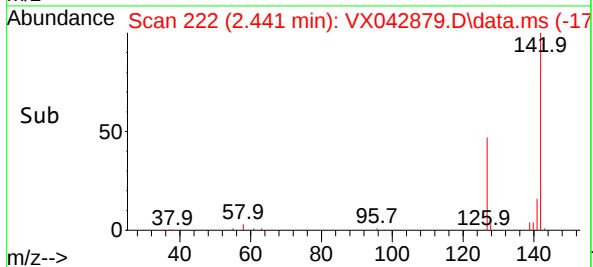
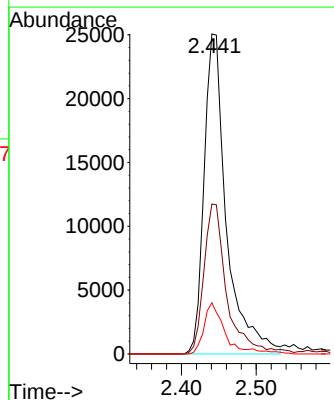
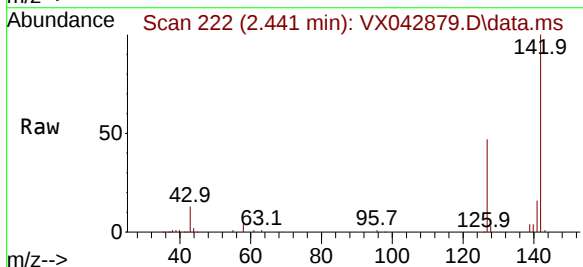
Manual Integrations
APPROVED

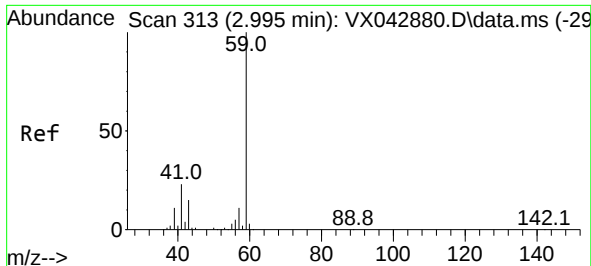
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#10
Methyl Iodide
Concen: 20.618 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

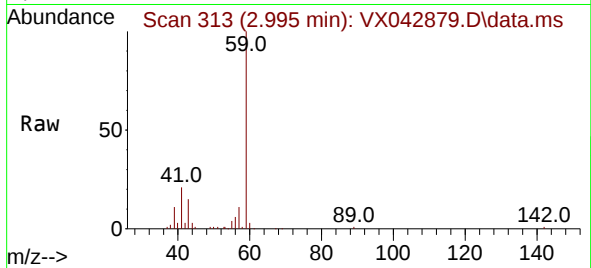
Tgt Ion:142 Resp: 52181
Ion Ratio Lower Upper
142 100
127 47.9 41.6 62.4
141 15.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 90.117 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

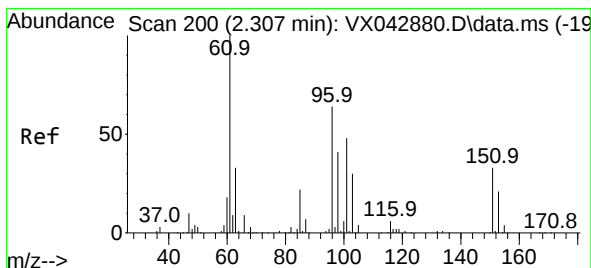
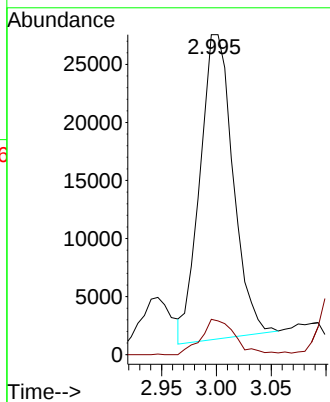
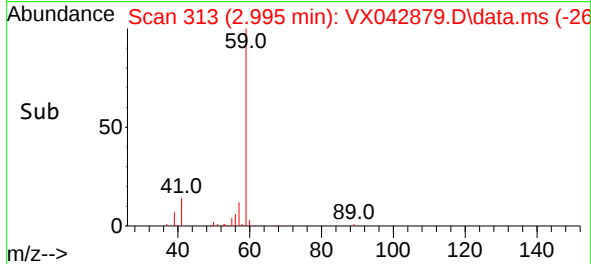
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 55279
Ion Ratio Lower Upper
59 100
57 12.0 6.0 9.0

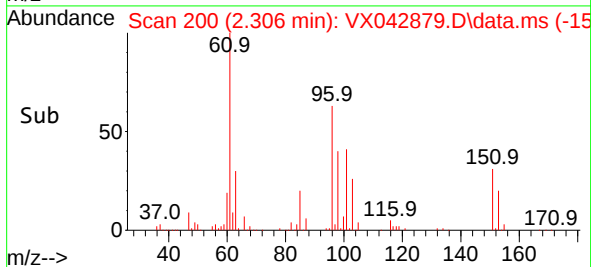
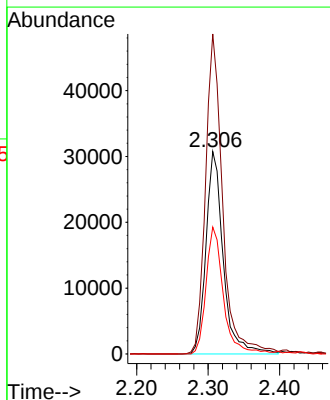
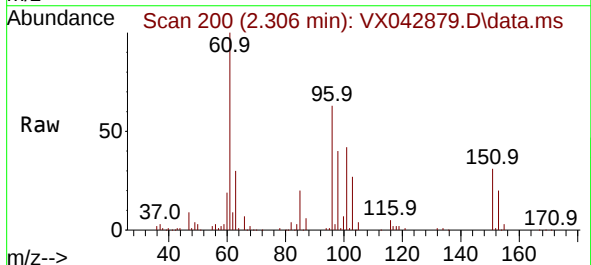
Manual Integrations
APPROVED

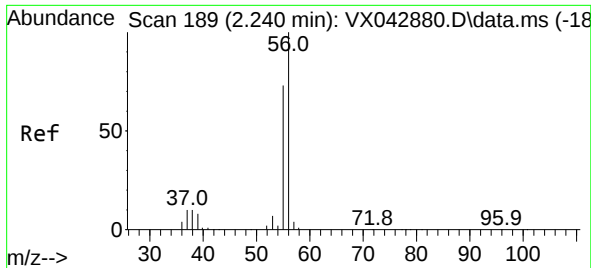
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#12
1,1-Dichloroethene
Concen: 20.851 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

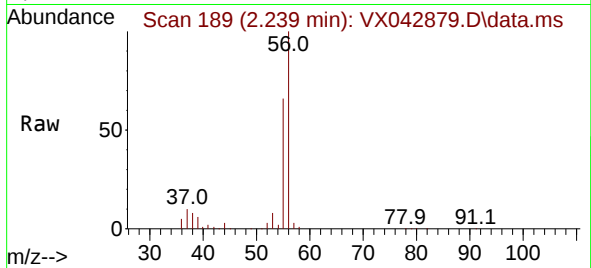
Tgt Ion: 96 Resp: 51628
Ion Ratio Lower Upper
96 100
61 158.1 144.6 216.8
98 62.7 50.4 75.6





#13
Acrolein
Concen: 101.360 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

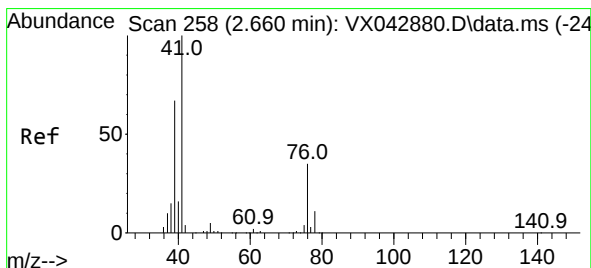
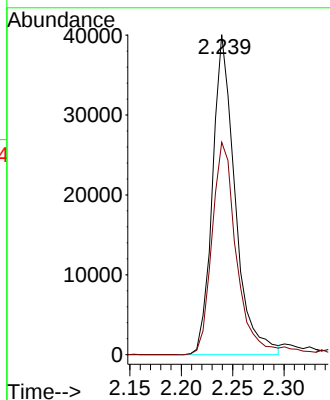
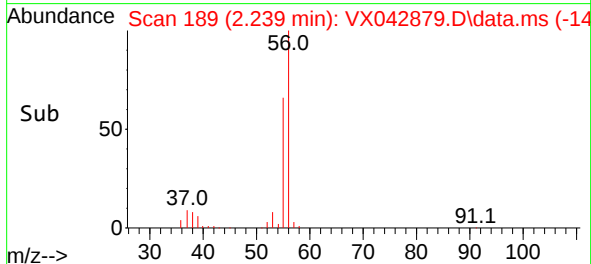
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 61280
Ion Ratio Lower Upper
56 100
55 73.2 57.1 85.7

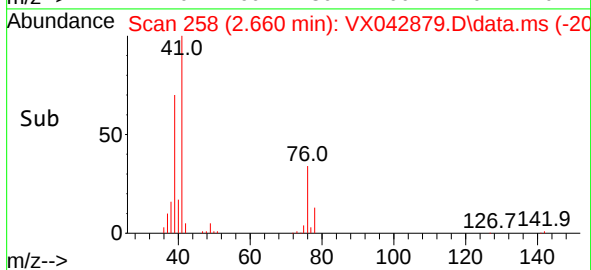
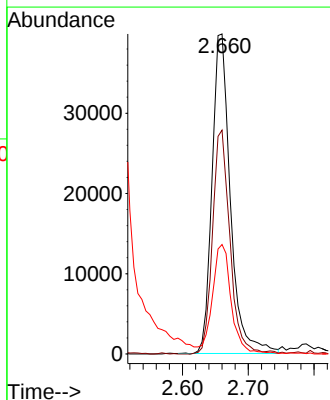
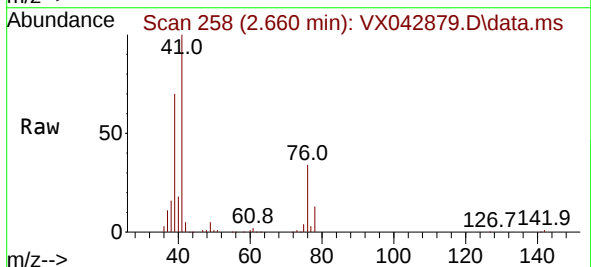
Manual Integrations
APPROVED

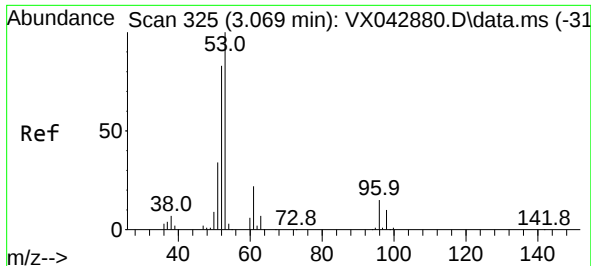
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#14
Allyl chloride
Concen: 20.751 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

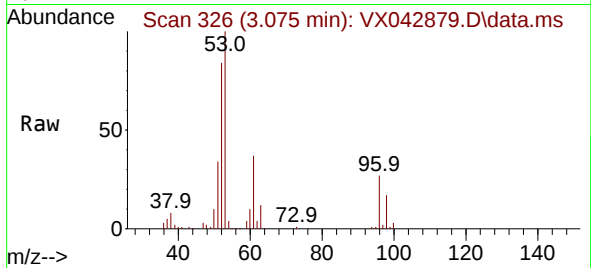
Tgt Ion: 41 Resp: 77636
Ion Ratio Lower Upper
41 100
39 66.0 55.8 83.6
76 34.6 24.3 36.5





#15
Acrylonitrile
Concen: 106.526 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

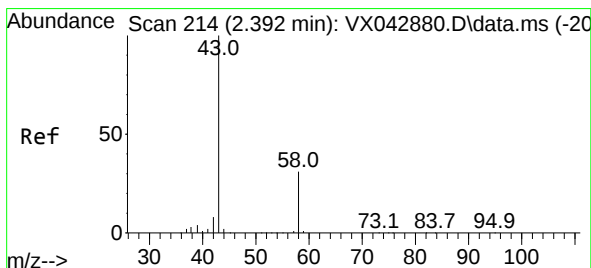
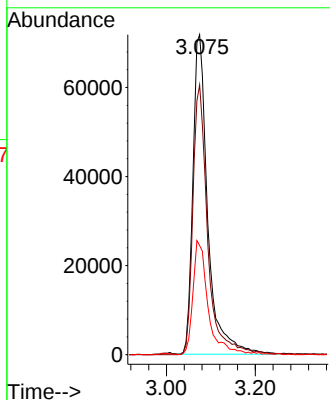
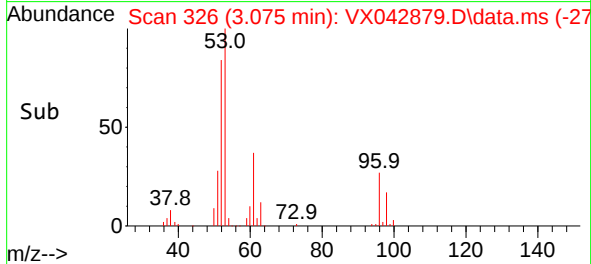
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 16678
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 35.9 29.8 44.6

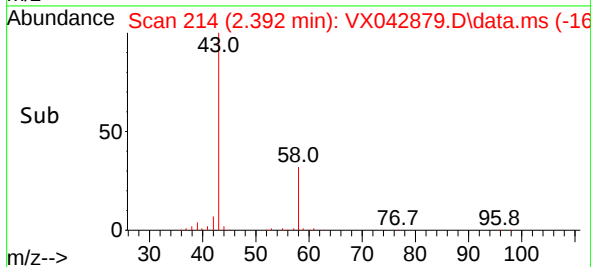
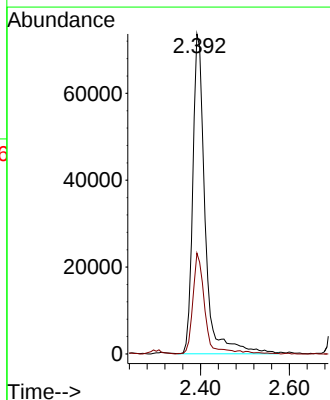
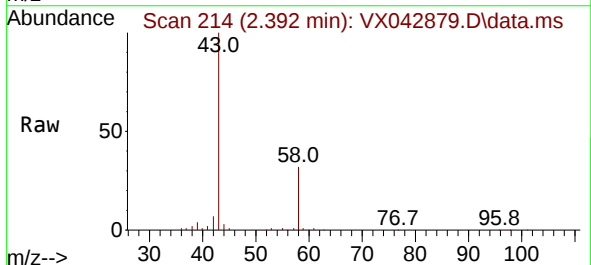
Manual Integrations
APPROVED

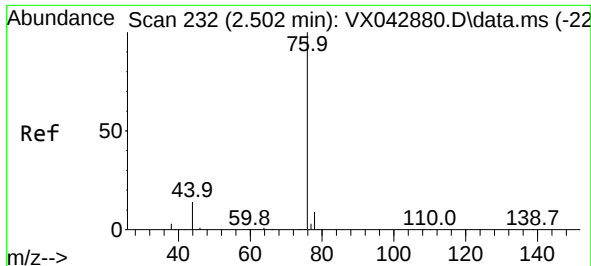
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#16
Acetone
Concen: 106.177 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 43 Resp: 142025
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#17

Carbon Disulfide

Concen: 19.757 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 11904

Ion Ratio Lower Upper

76 100

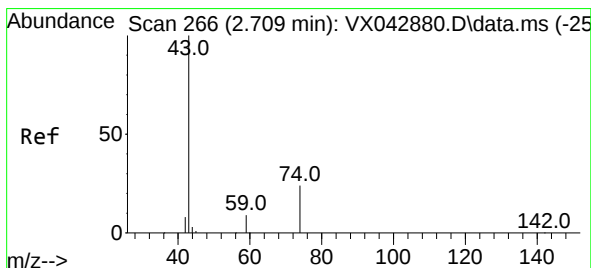
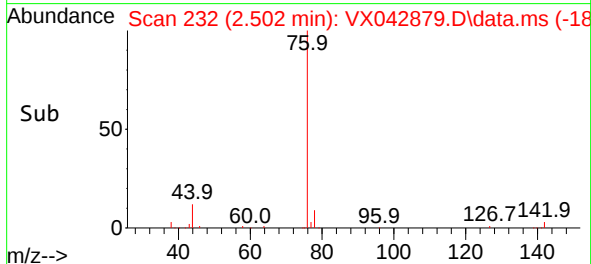
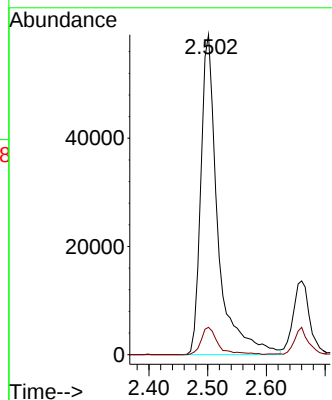
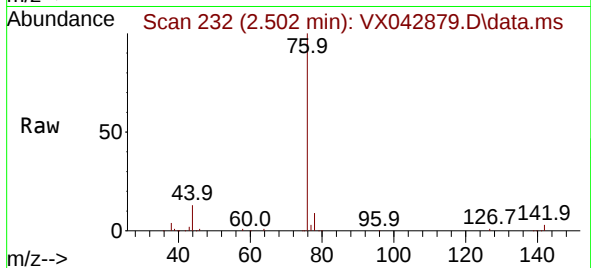
78 8.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#18

Methyl Acetate

Concen: 20.437 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042879.D

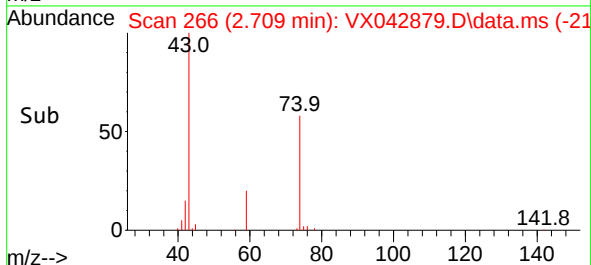
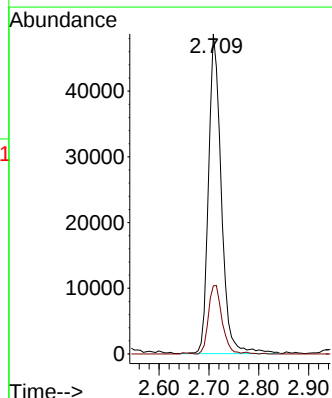
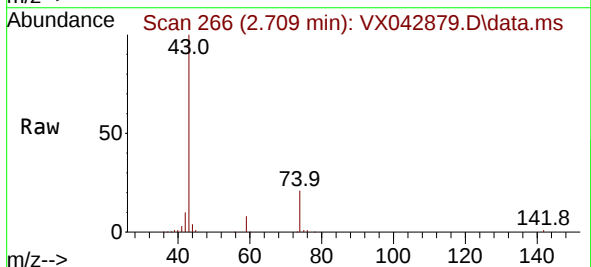
Acq: 06 Aug 2024 19:05

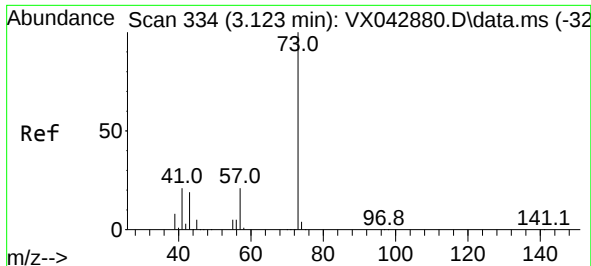
Tgt Ion: 43 Resp: 86690

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8





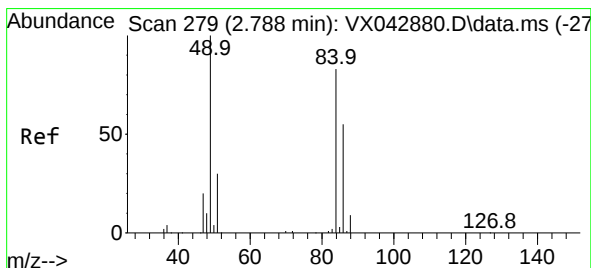
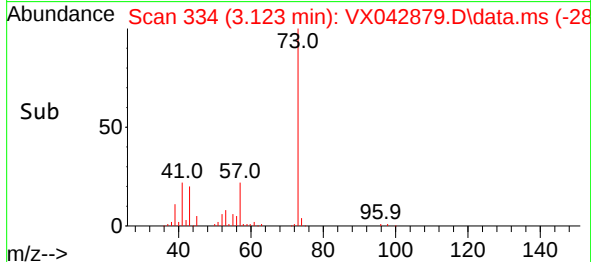
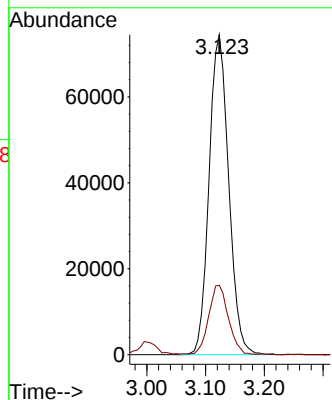
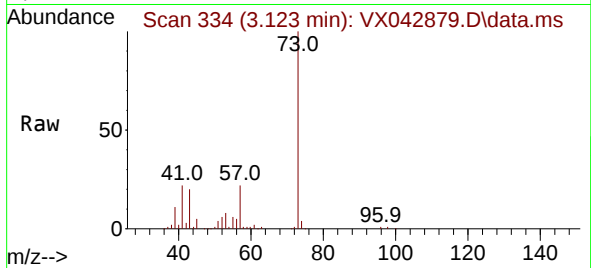
#19
Methyl tert-butyl Ether
Concen: 20.718 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 17266
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

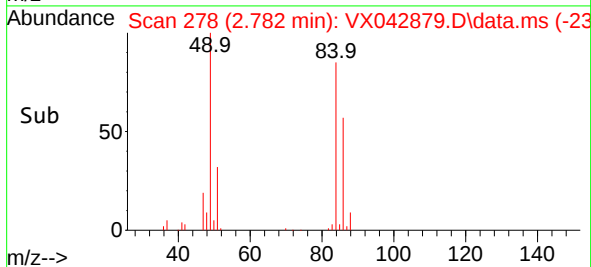
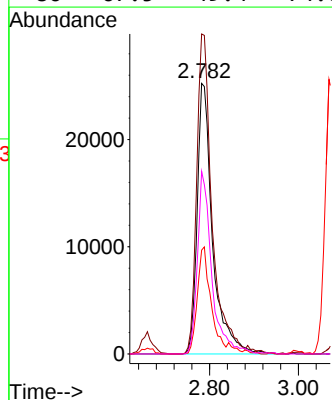
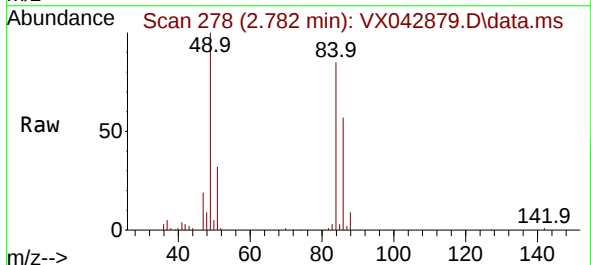
Manual Integrations
APPROVED

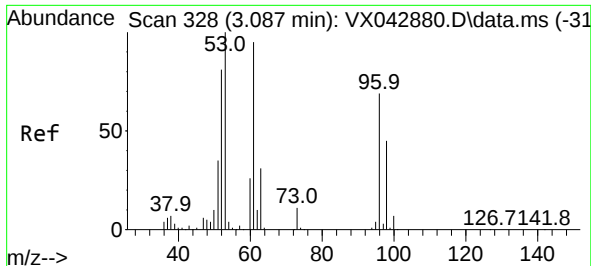
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#20
Methylene Chloride
Concen: 21.319 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 84 Resp: 60824
Ion Ratio Lower Upper
84 100
49 118.3 103.6 155.4
51 38.4 33.8 50.6
86 67.5 49.4 74.0





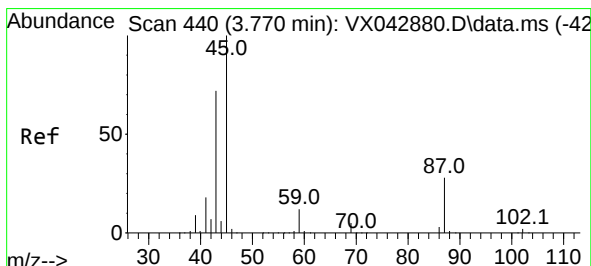
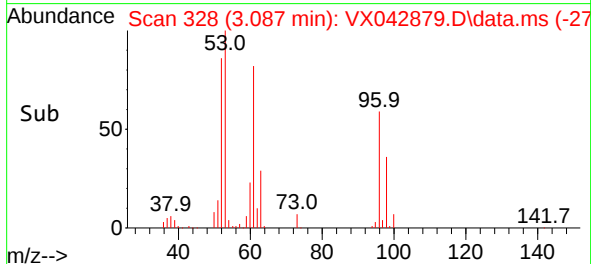
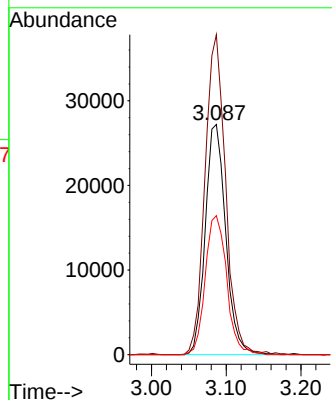
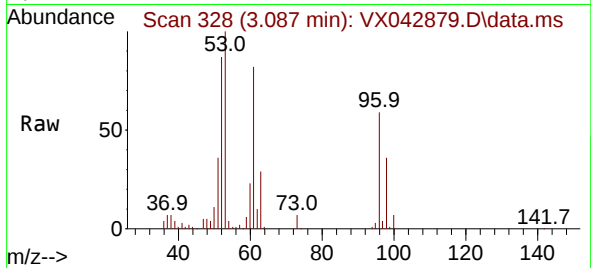
#21
trans-1,2-Dichloroethene
Concen: 20.795 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 5180
Ion Ratio Lower Upper
96 100
61 139.0 119.2 178.8
98 60.4 48.7 73.1

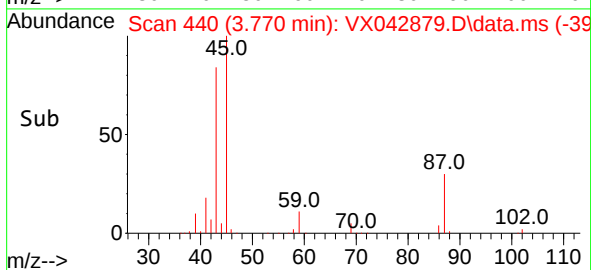
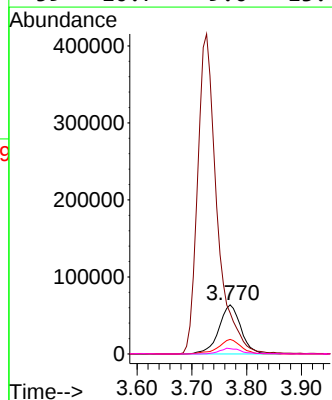
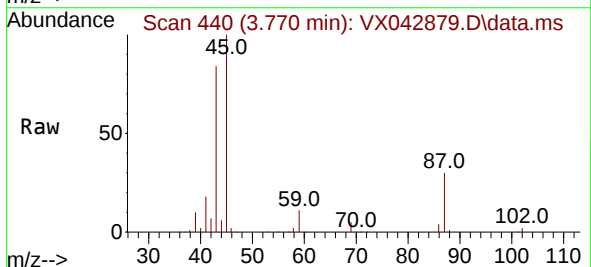
Manual Integrations
APPROVED

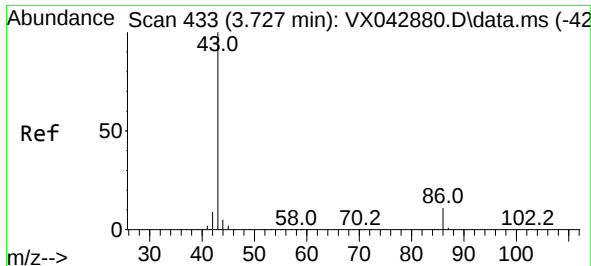
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#22
Diisopropyl ether
Concen: 21.647 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

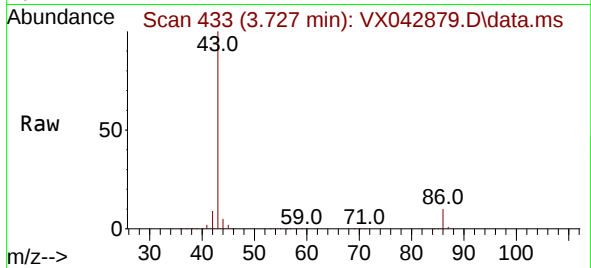
Tgt Ion: 45 Resp: 177921
Ion Ratio Lower Upper
45 100
43 83.3 69.7 104.5
87 29.8 20.8 31.2
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 109.825 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042879.D
 Acq: 06 Aug 2024 19:05

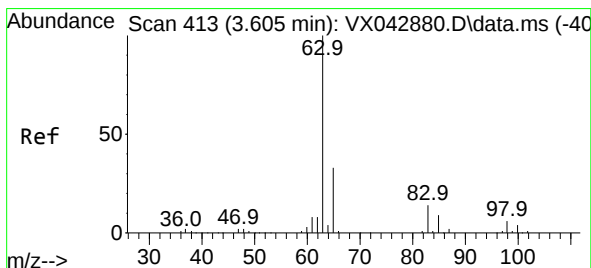
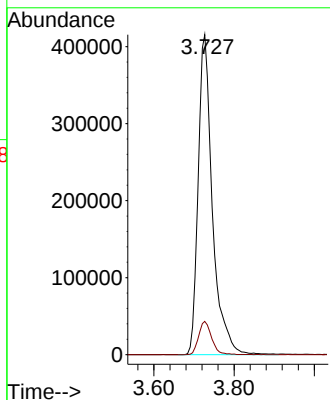
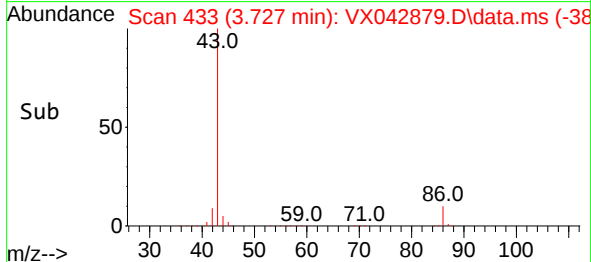
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



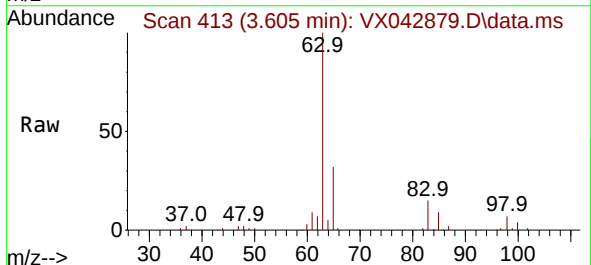
Tgt Ion: 43 Resp: 102448
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

Manual Integrations
 APPROVED

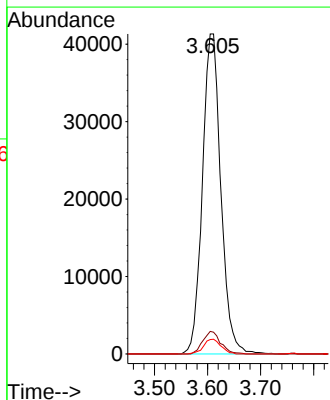
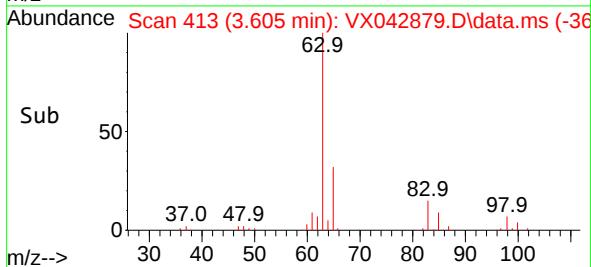
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

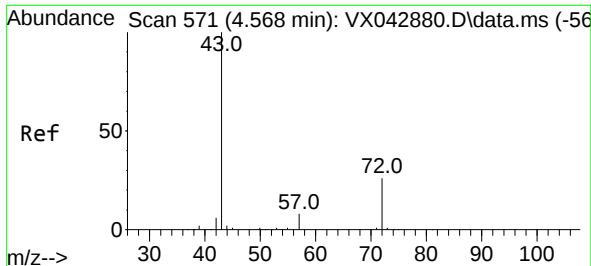


#24
 1,1-Dichloroethane
 Concen: 21.103 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042879.D
 Acq: 06 Aug 2024 19:05



Tgt Ion: 63 Resp: 99756
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 109.097 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 22917

Ion Ratio Lower Upper

43 100

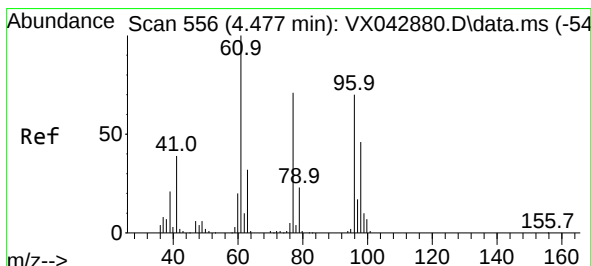
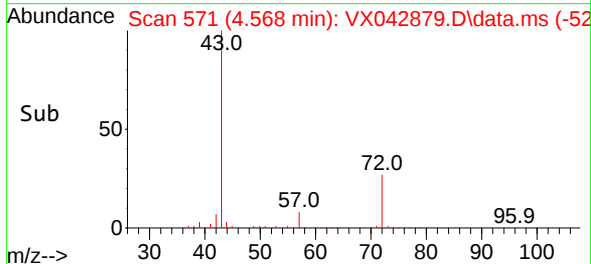
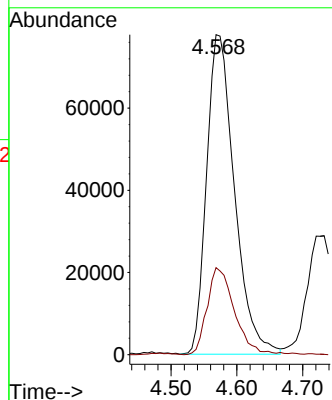
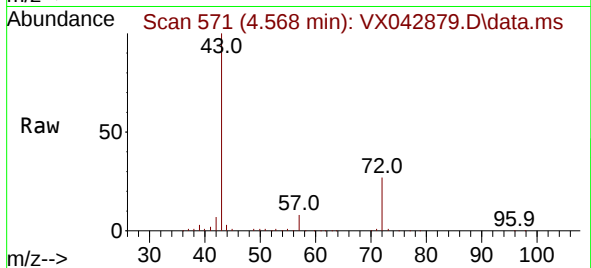
72 27.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#26

2,2-Dichloropropane

Concen: 20.339 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX042879.D

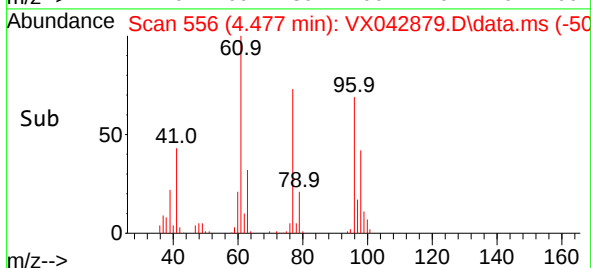
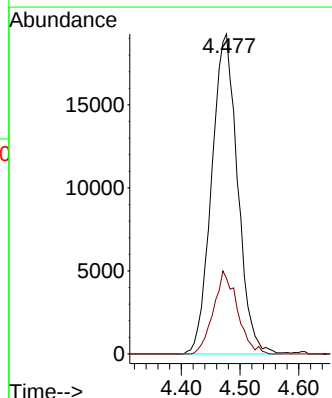
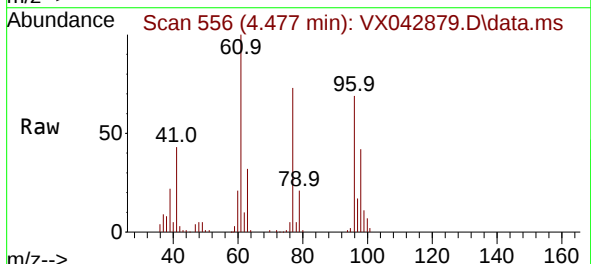
Acq: 06 Aug 2024 19:05

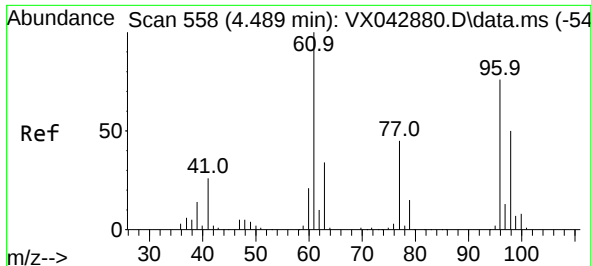
Tgt Ion: 77 Resp: 59106

Ion Ratio Lower Upper

77 100

97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.549 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 6366

Ion Ratio Lower Upper

96 100

61 137.8 0.0 312.2

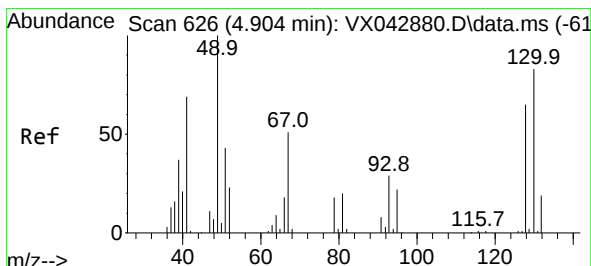
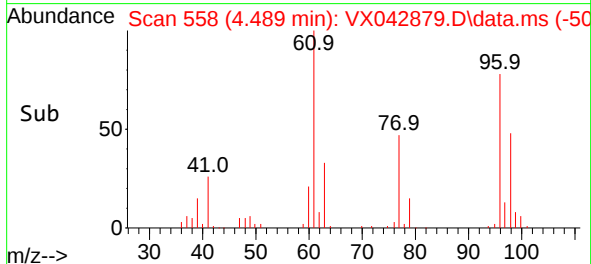
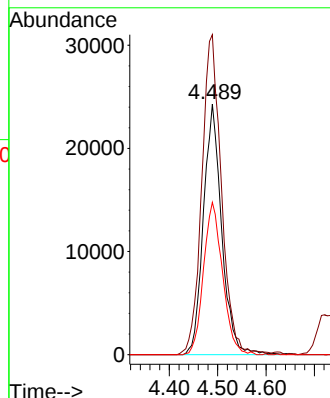
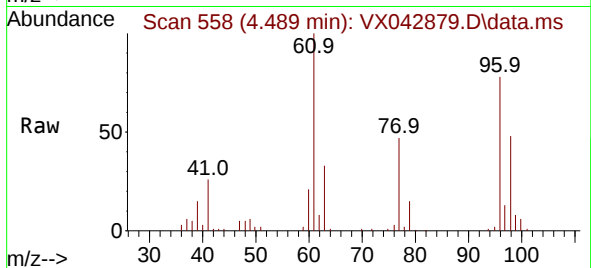
98 63.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#28

Bromochloromethane

Concen: 20.390 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

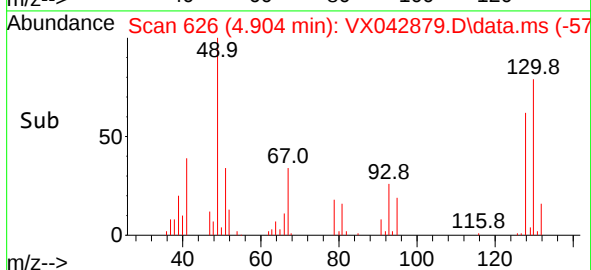
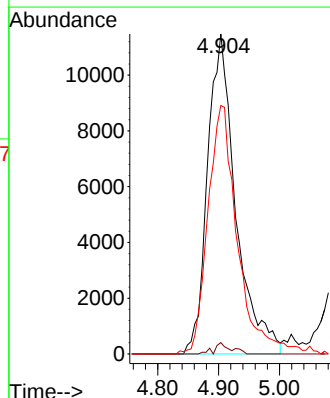
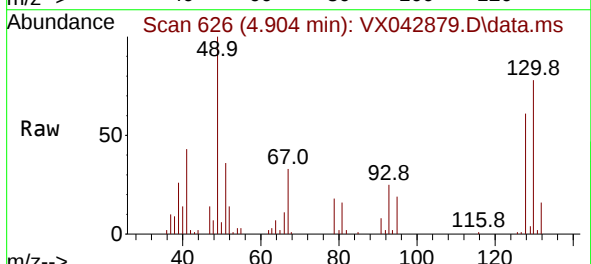
Tgt Ion: 49 Resp: 36983

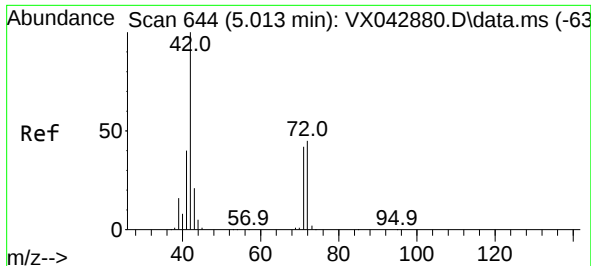
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

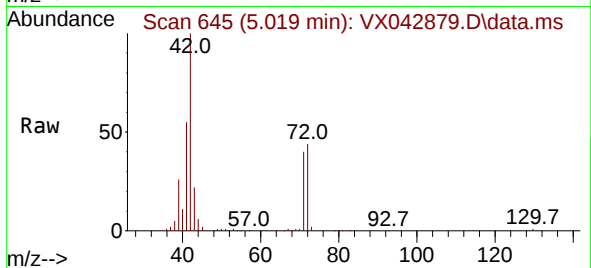
130 81.0 57.5 86.3





#29
Tetrahydrofuran
Concen: 108.081 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

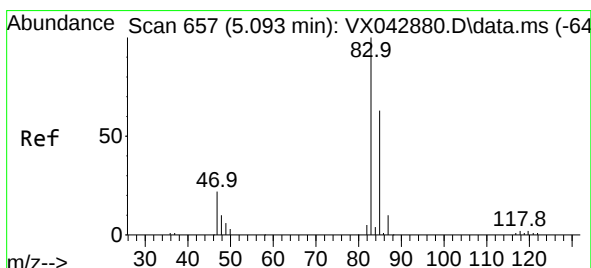
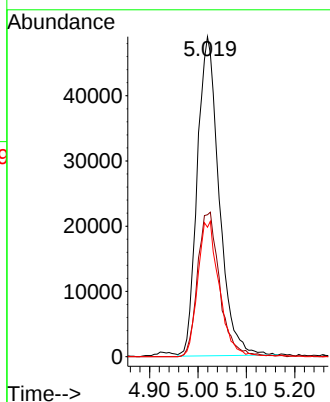
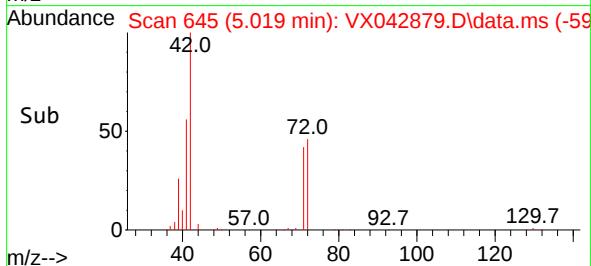
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 153418
Ion Ratio Lower Upper
42 100
72 46.1 34.2 51.4
71 41.9 32.2 48.2

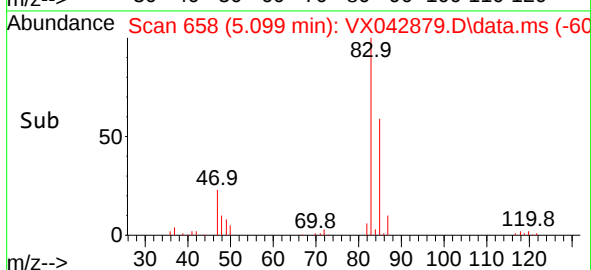
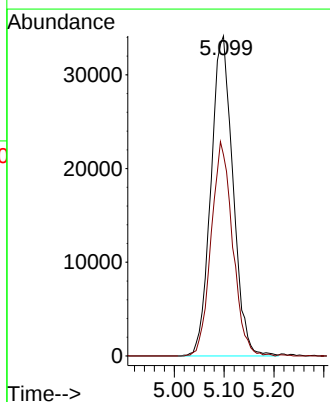
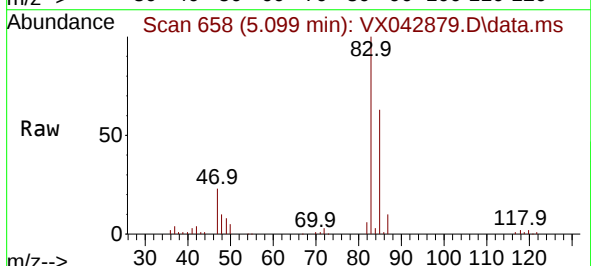
Manual Integrations
APPROVED

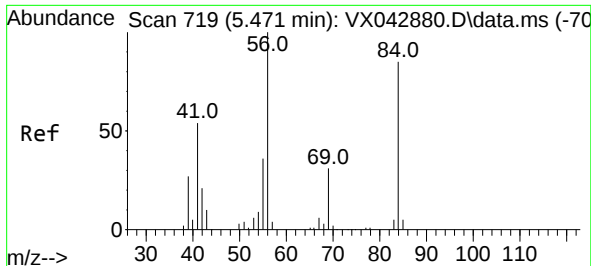
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#30
Chloroform
Concen: 21.170 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

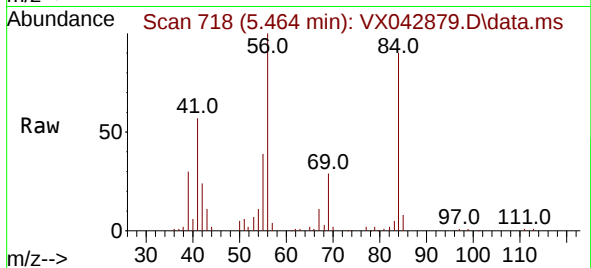
Tgt Ion: 83 Resp: 104762
Ion Ratio Lower Upper
83 100
85 62.8 50.3 75.5





#31
Cyclohexane
Concen: 20.854 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

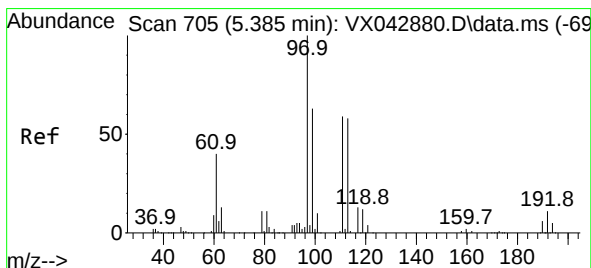
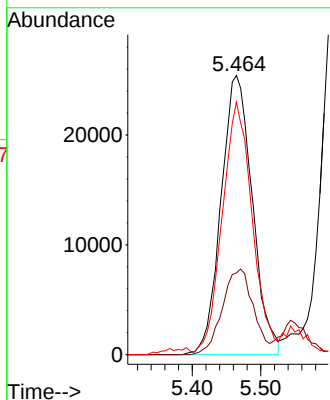
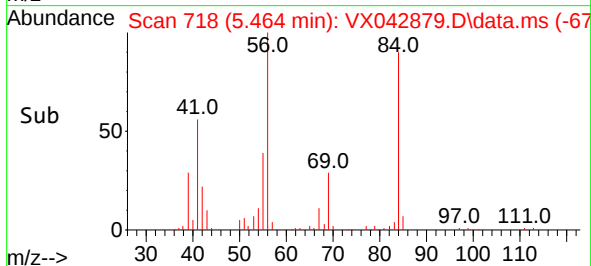
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 8047
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 88.7 65.9 98.9

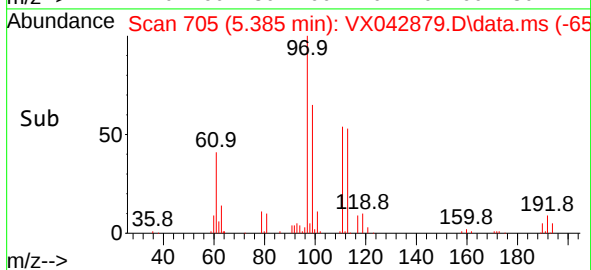
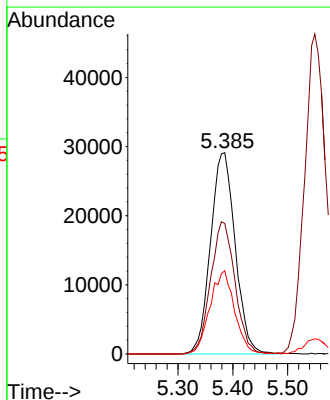
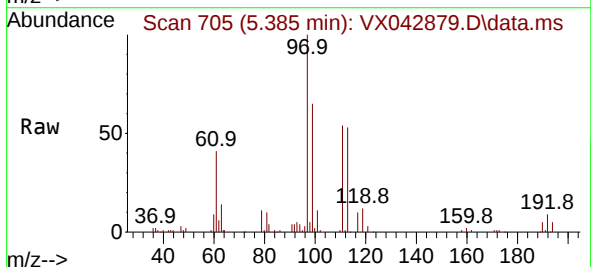
Manual Integrations
APPROVED

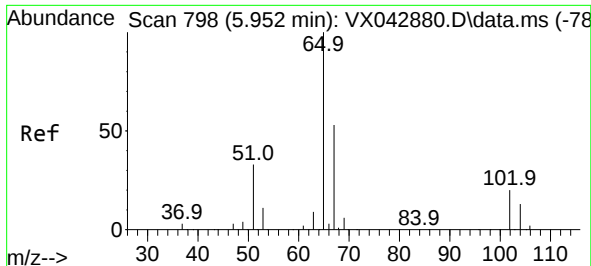
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#32
1,1,1-Trichloroethane
Concen: 20.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 97 Resp: 90970
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 41.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.489 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 6010

Ion Ratio Lower Upper

65 100

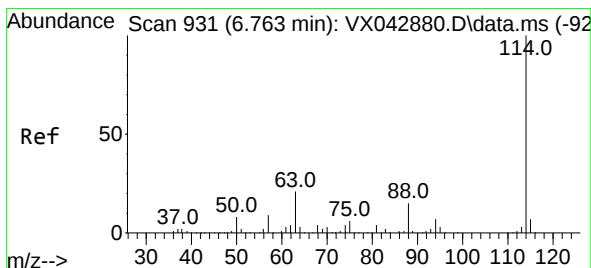
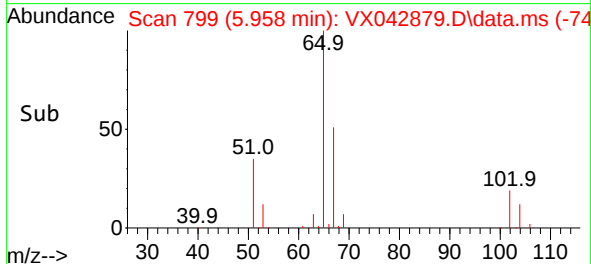
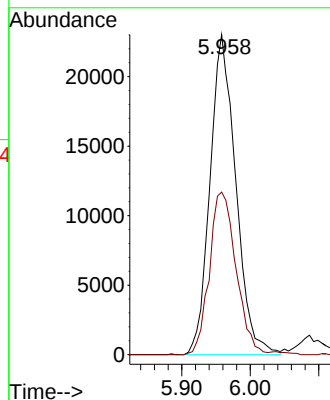
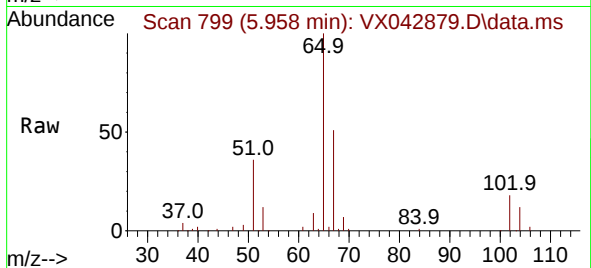
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

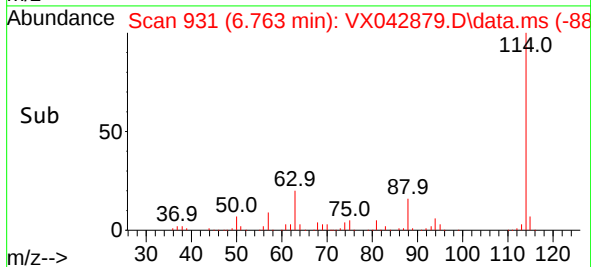
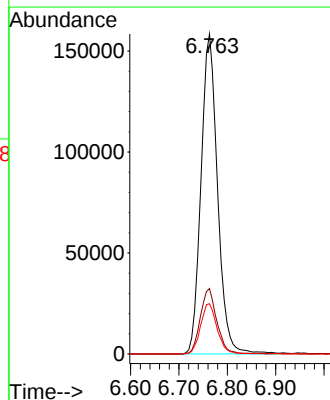
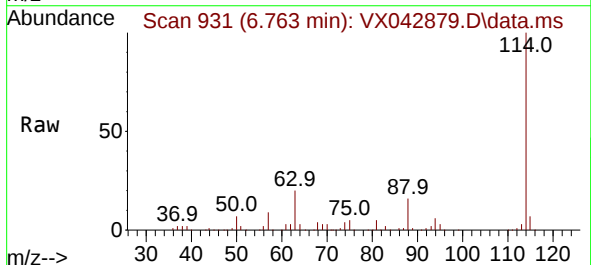
Tgt Ion:114 Resp: 376641

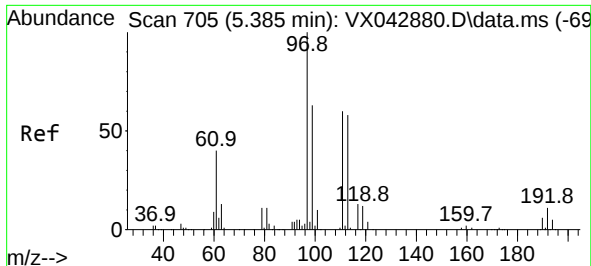
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 19.249 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 4740

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

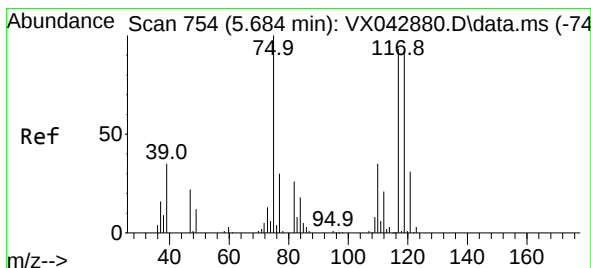
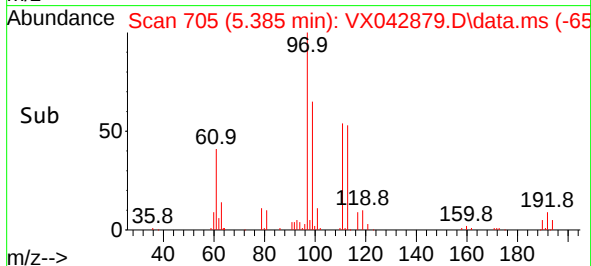
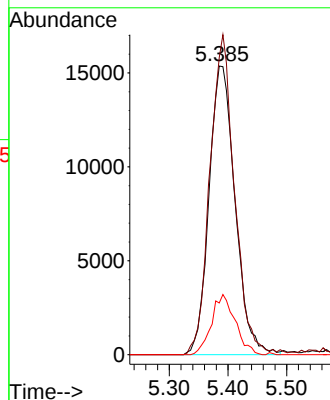
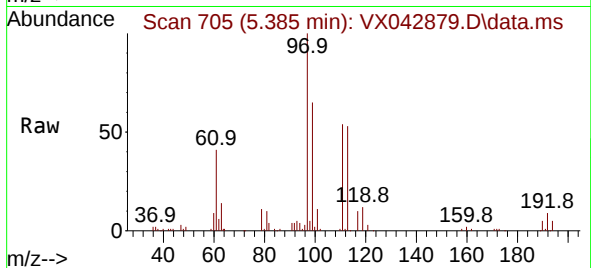
192 19.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#36

1,1-Dichloropropene

Concen: 20.225 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.012 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

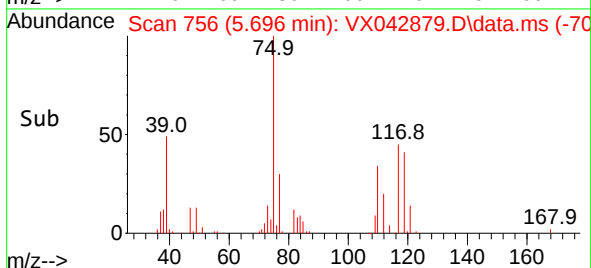
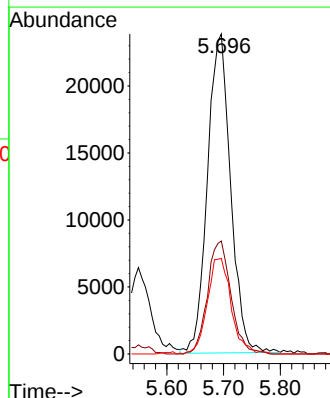
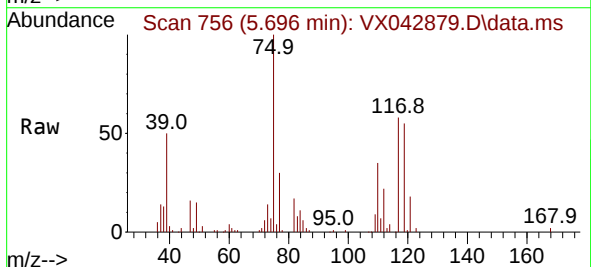
Tgt Ion: 75 Resp: 67528

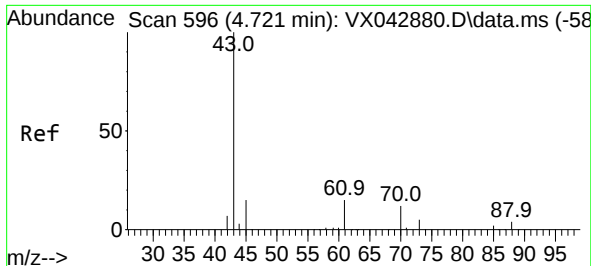
Ion Ratio Lower Upper

75 100

110 35.9 17.0 50.9

77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 21.537 ug/l

RT: 4.733 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

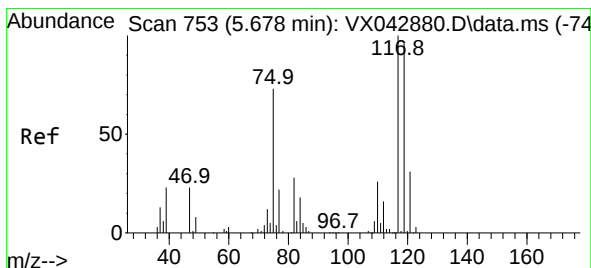
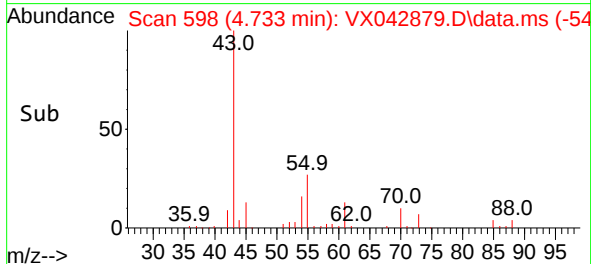
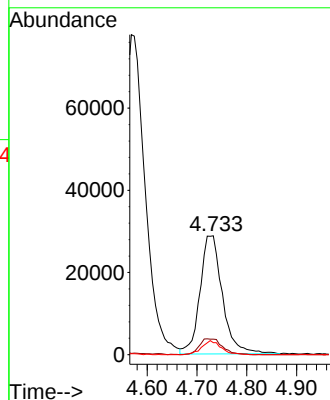
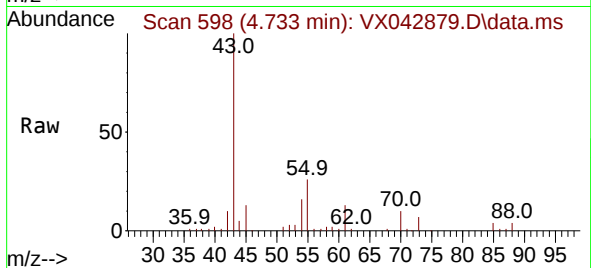
Tgt Ion: 43	Resp: 8997
Ion Ratio	Lower Upper
43 100	
61 13.8	10.6 16.0
70 10.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#38

Carbon Tetrachloride

Concen: 19.986 ug/l

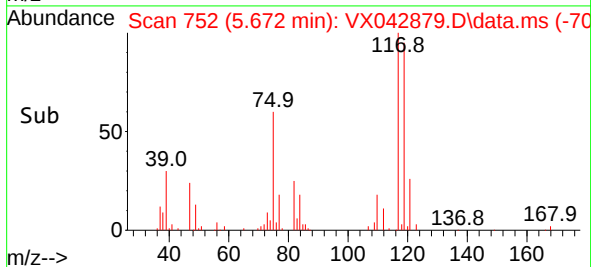
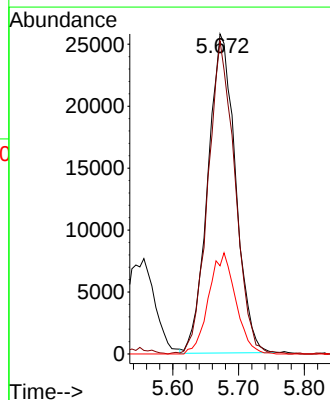
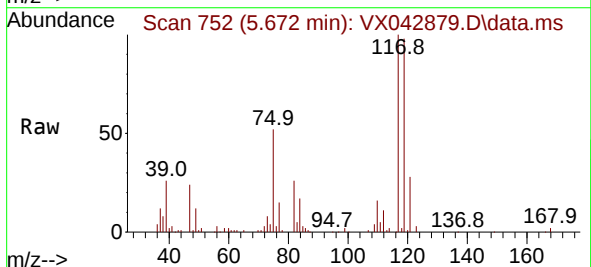
RT: 5.672 min Scan# 752

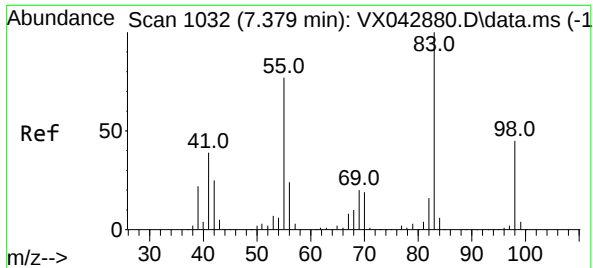
Delta R.T. -0.006 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Tgt Ion:117	Resp: 75328
Ion Ratio	Lower Upper
117 100	
119 97.9	78.2 117.2
121 27.7	24.4 36.6





#39
Methylcyclohexane
Concen: 21.077 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

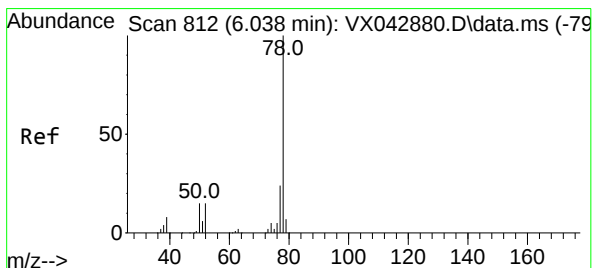
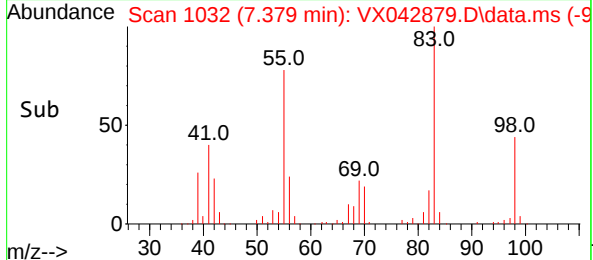
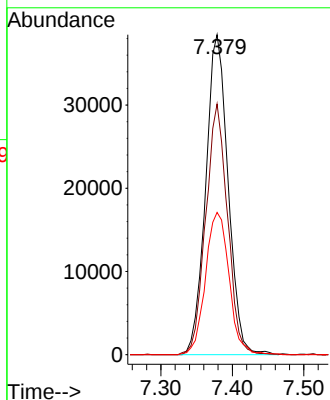
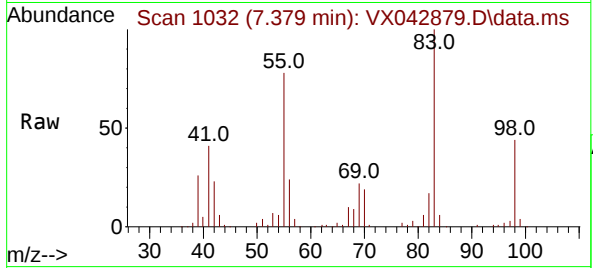
Tgt Ion: 83 Resp: 83658
Ion Ratio Lower Upper
83 100
55 78.4 64.6 97.0
98 44.5 36.7 55.1

Manual Integrations

APPROVED

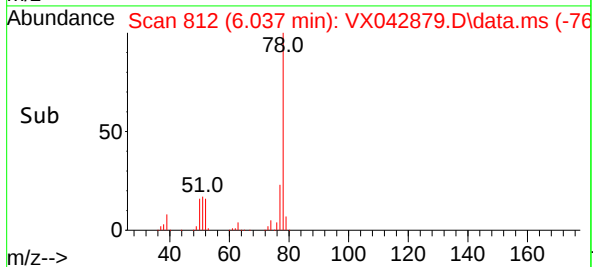
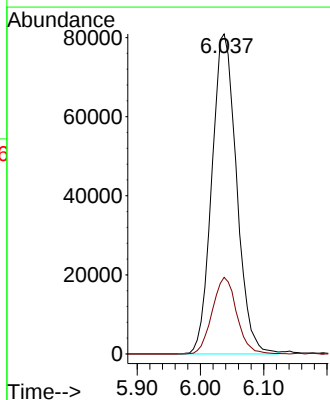
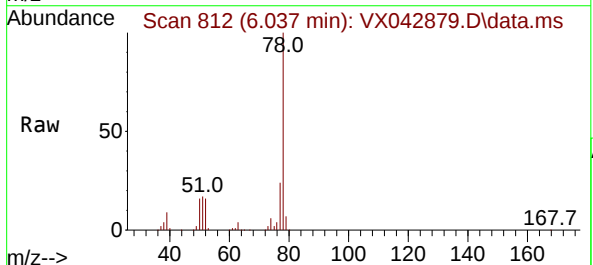
Reviewed By :John Carlone 08/07/2024

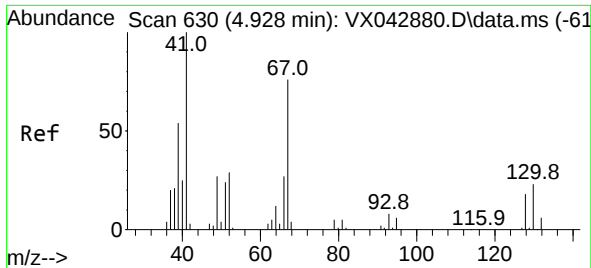
Supervised By :Mahesh Dadoda 08/08/2024



#40
Benzene
Concen: 21.175 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

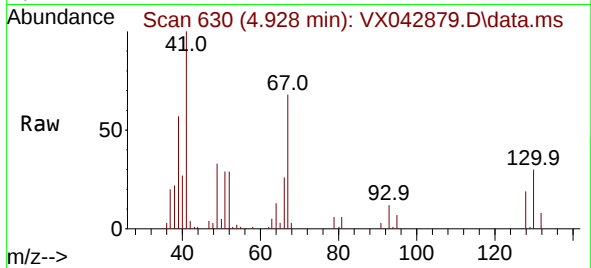
Tgt Ion: 78 Resp: 219425
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 22.055 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

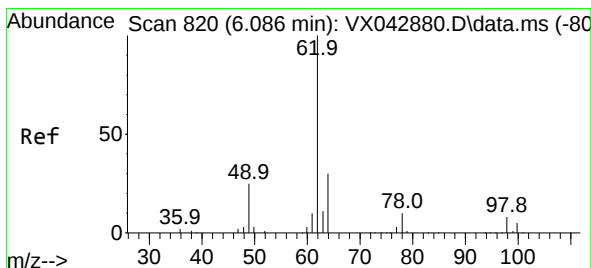
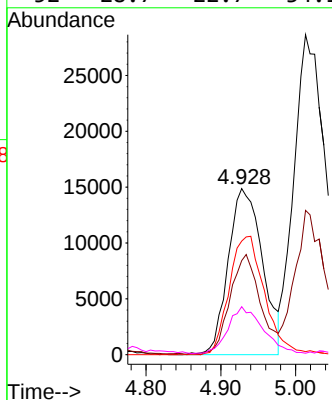
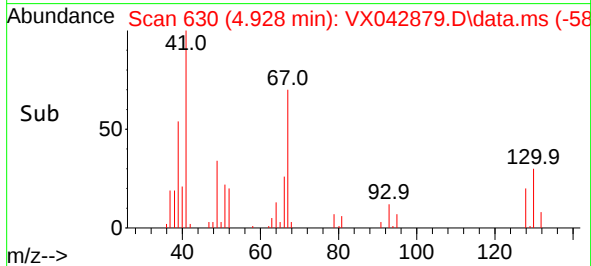
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 4745
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 73.7 52.6 78.8
52 28.7 22.7 34.1

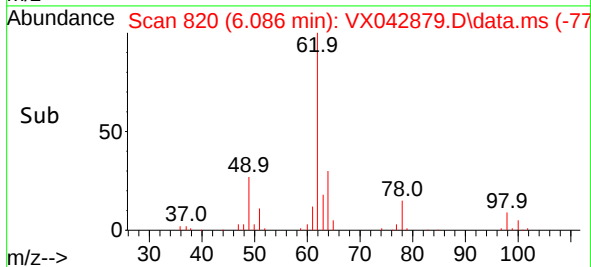
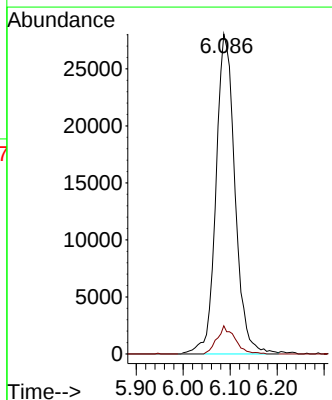
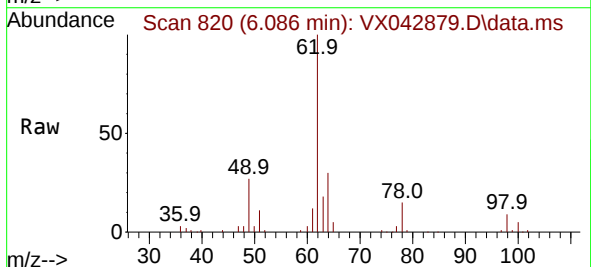
Manual Integrations
APPROVED

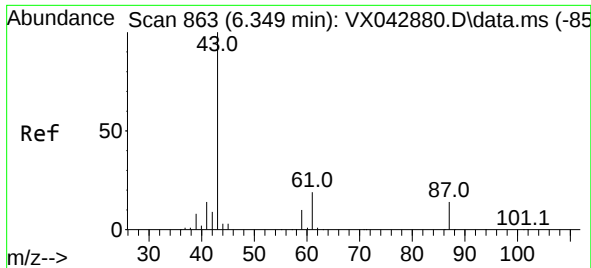
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#42
1,2-Dichloroethane
Concen: 20.943 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 62 Resp: 78939
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.761 ug/l

RT: 6.348 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

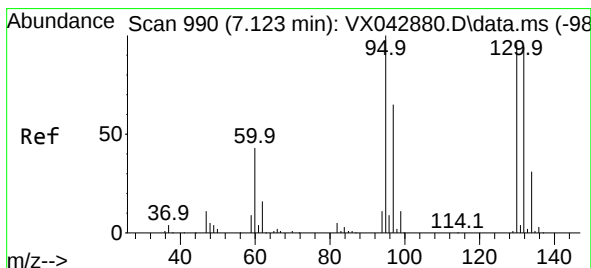
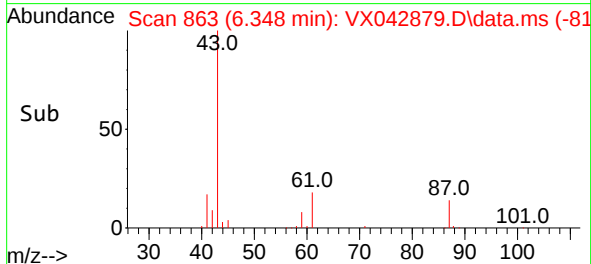
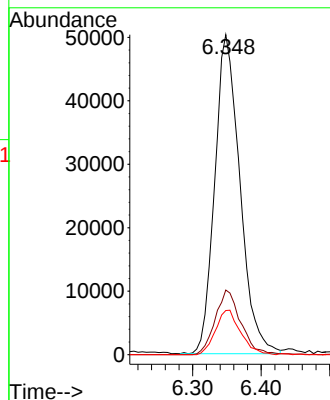
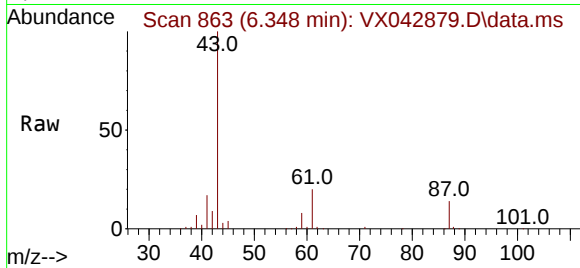
Tgt Ion: 43	Resp: 128264
Ion Ratio	Lower Upper
43 100	
61 20.6	15.2 22.8
87 13.9	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#44

Trichloroethene

Concen: 20.799 ug/l

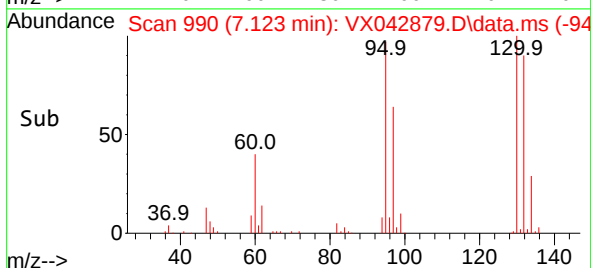
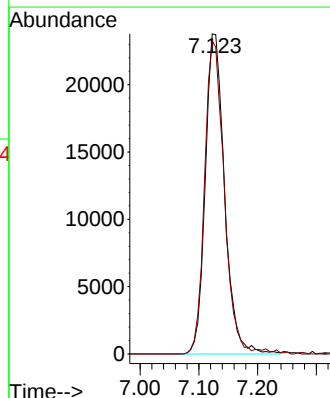
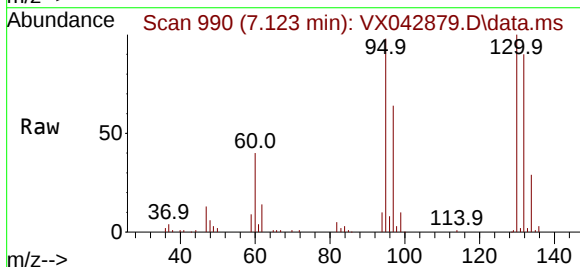
RT: 7.123 min Scan# 990

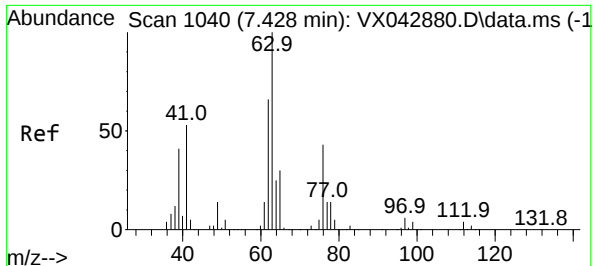
Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Tgt Ion:130	Resp: 54155
Ion Ratio	Lower Upper
130 100	
95 97.8	0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.241 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5583

Ion Ratio Lower Upper

63 100

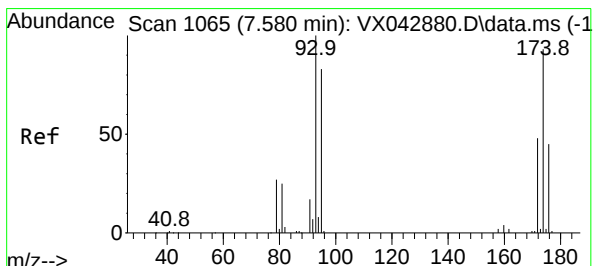
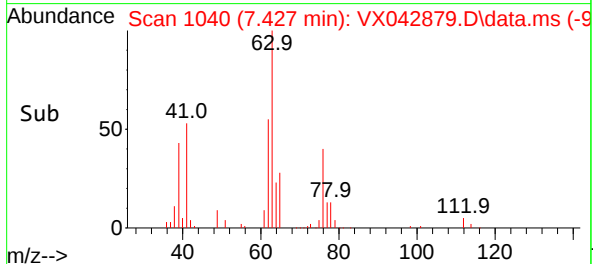
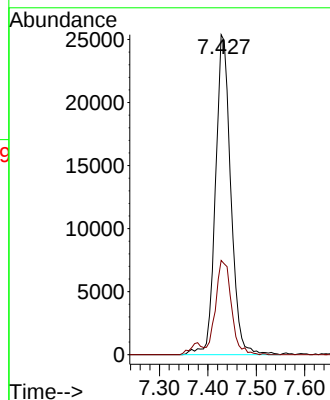
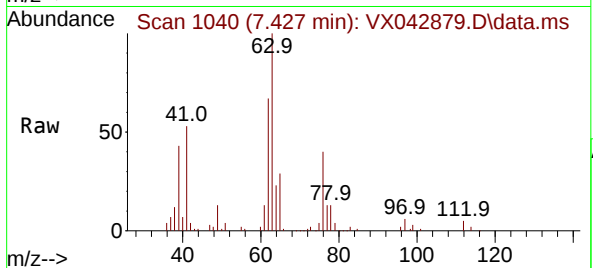
65 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#46

Dibromomethane

Concen: 21.390 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

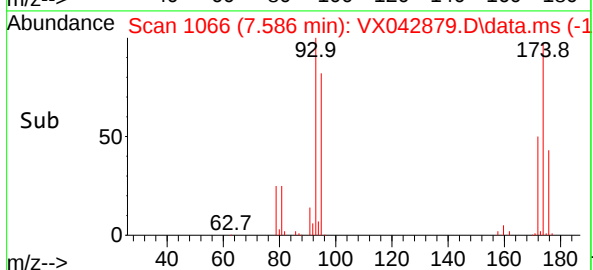
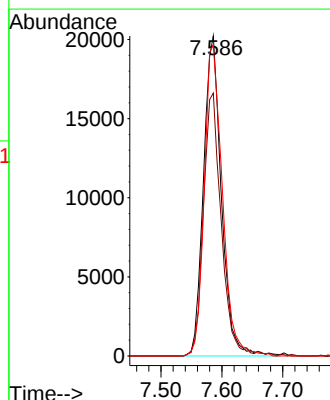
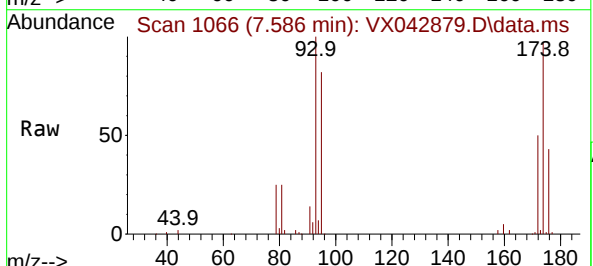
Tgt Ion: 93 Resp: 41295

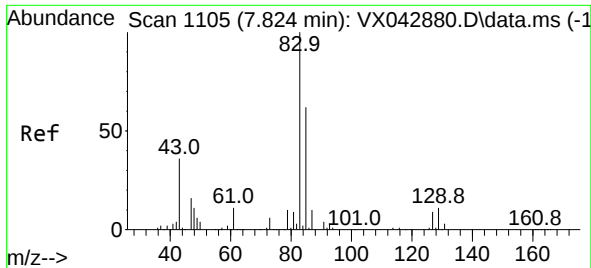
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

174 98.4 69.4 104.0





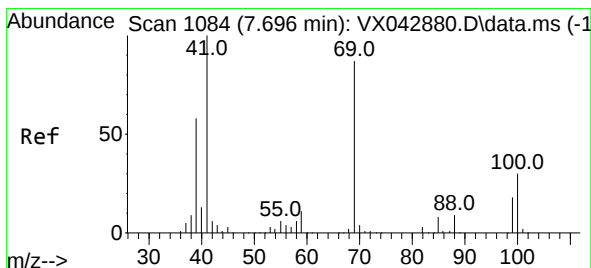
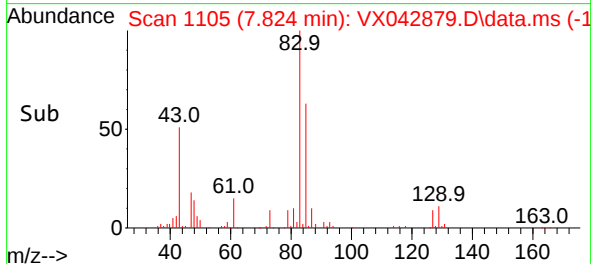
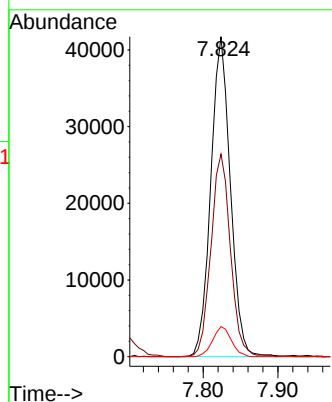
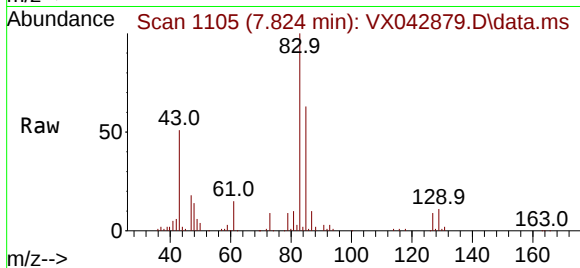
#47
Bromodichloromethane
Concen: 21.179 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83	Resp: 7595
Ion Ratio	Lower Upper
83 100	
85 63.3	49.8 74.6
127 9.4	7.1 10.7

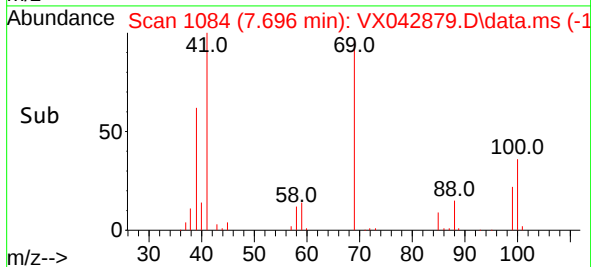
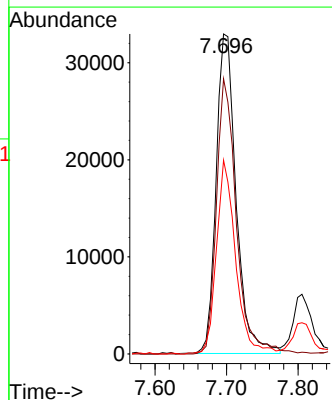
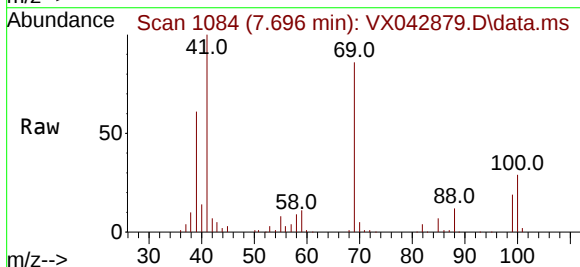
Manual Integrations
APPROVED

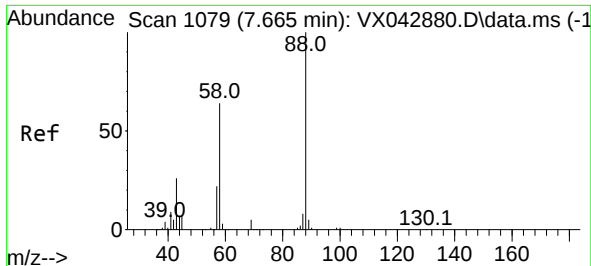
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#48
Methyl methacrylate
Concen: 21.621 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 41	Resp: 64050
Ion Ratio	Lower Upper
41 100	
69 86.0	59.2 88.8
39 58.1	47.7 71.5





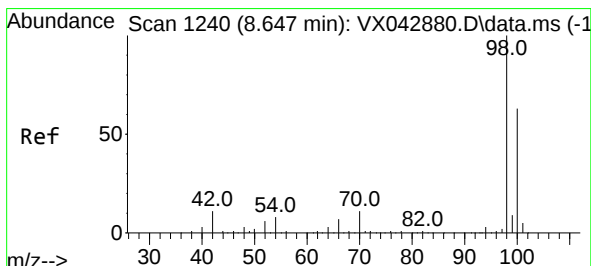
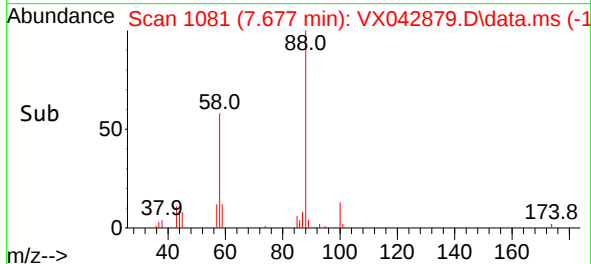
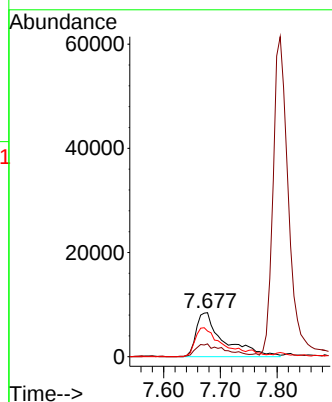
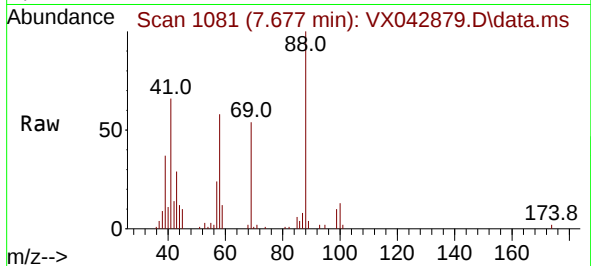
#49
1,4-Dioxane
Concen: 421.293 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 2833
Ion Ratio Lower Upper
88 100
43 31.7 0.0 0.0
58 61.9 60.1 90.1

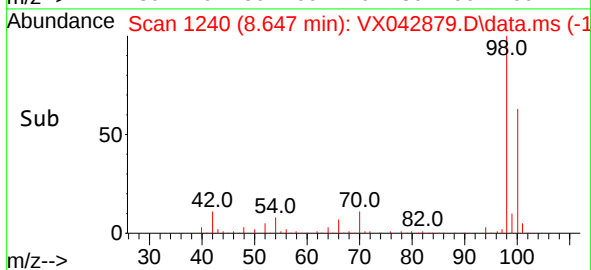
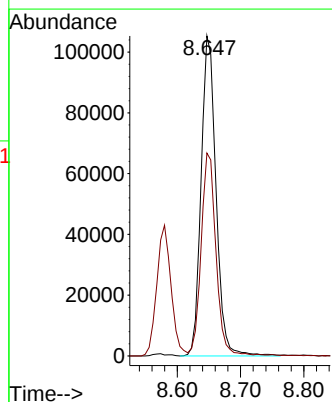
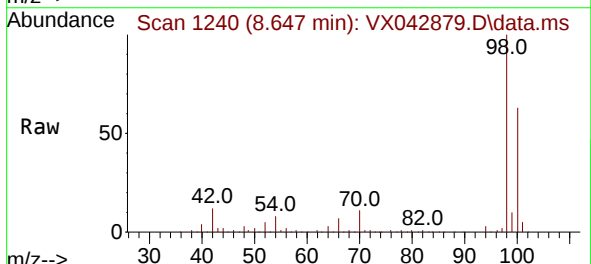
Manual Integrations
APPROVED

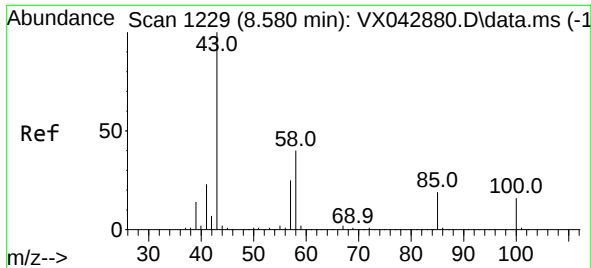
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#50
Toluene-d8
Concen: 19.838 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 98 Resp: 173436
Ion Ratio Lower Upper
98 100
100 61.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 111.309 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 460638

Ion Ratio Lower Upper

43 100

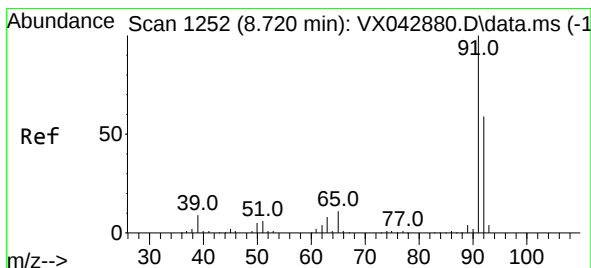
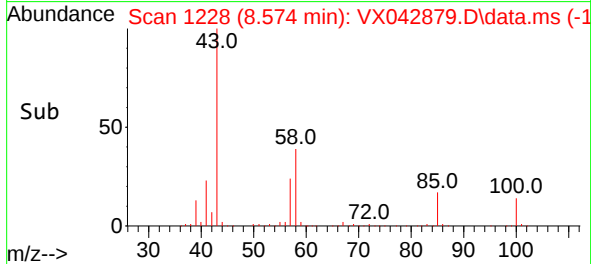
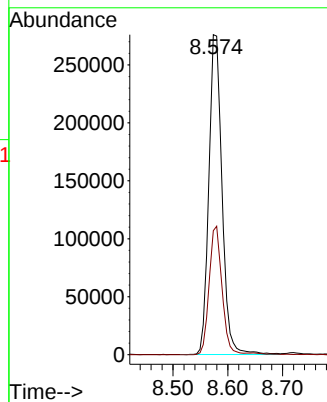
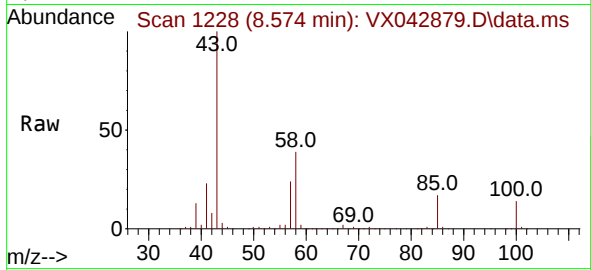
58 38.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#52

Toluene

Concen: 21.928 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042879.D

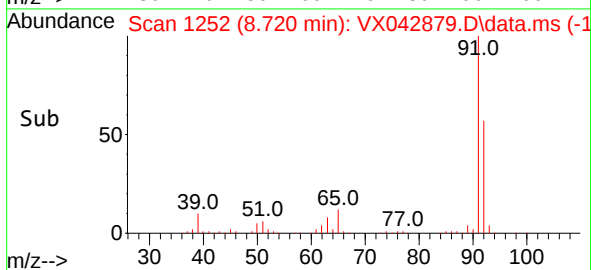
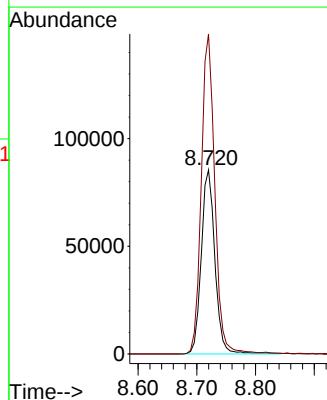
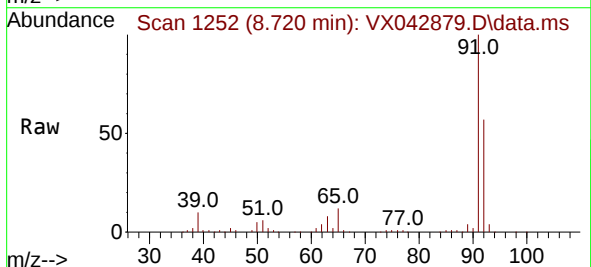
Acq: 06 Aug 2024 19:05

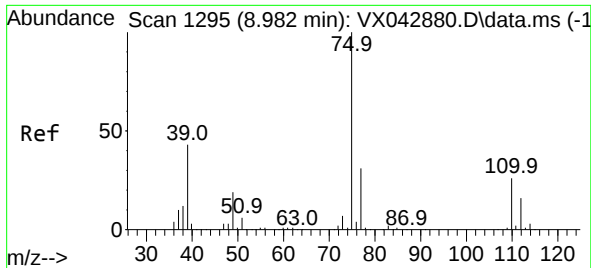
Tgt Ion: 92 Resp: 137830

Ion Ratio Lower Upper

92 100

91 171.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

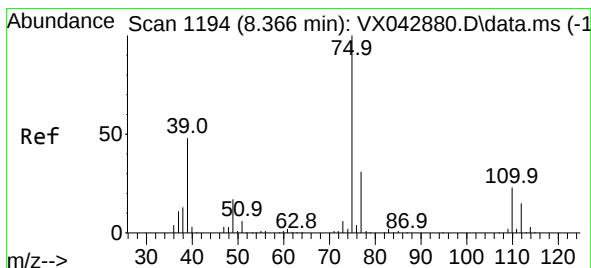
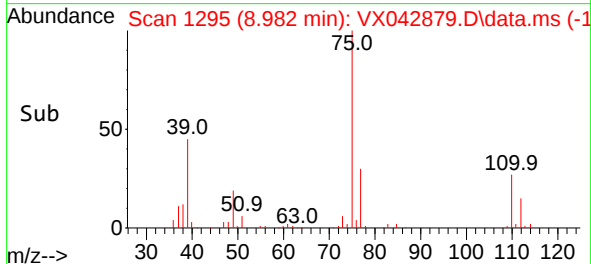
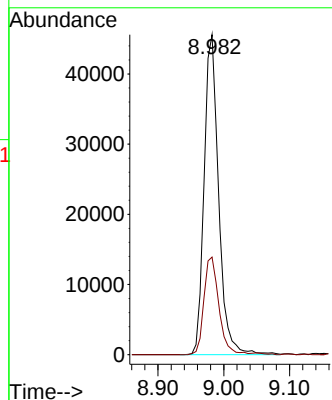
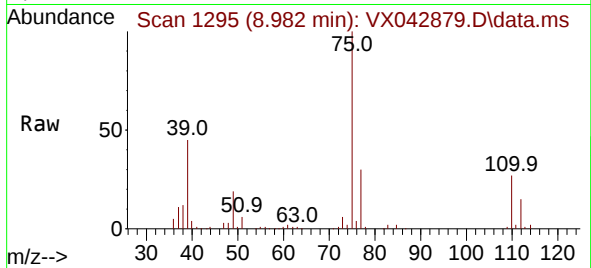
VSTDIC020

Tgt Ion: 75 Resp: 7008
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

Manual Integrations

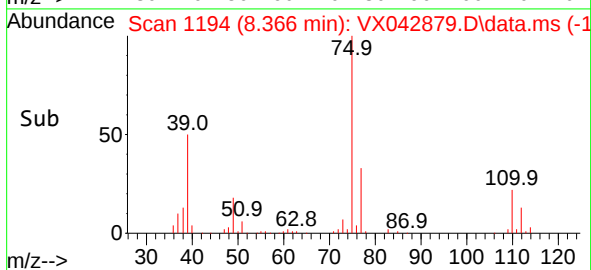
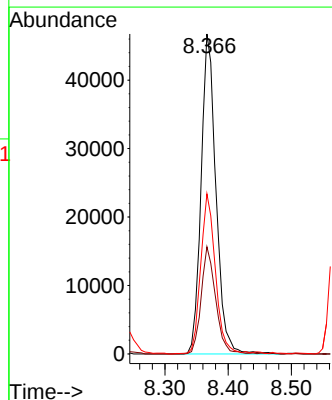
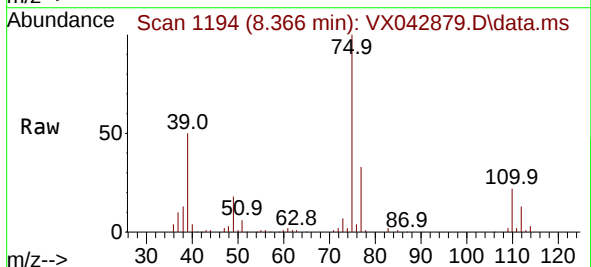
APPROVED

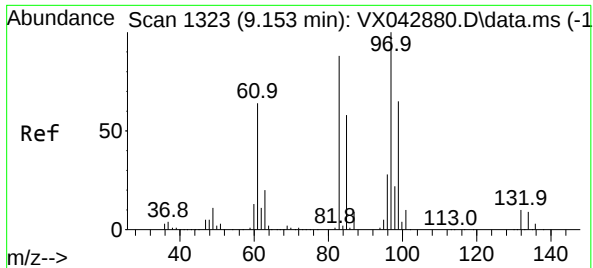
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#54
cis-1,3-Dichloropropene
Concen: 20.896 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 75 Resp: 76508
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9
39 49.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.480 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

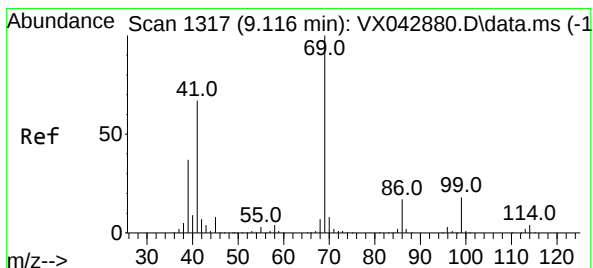
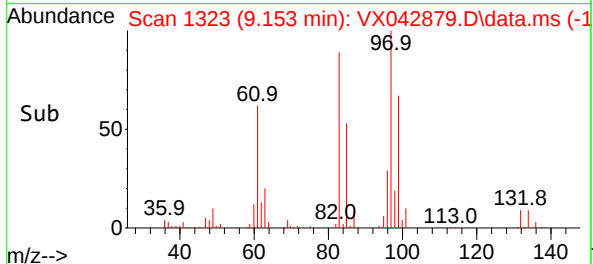
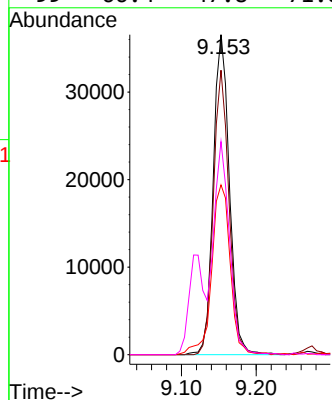
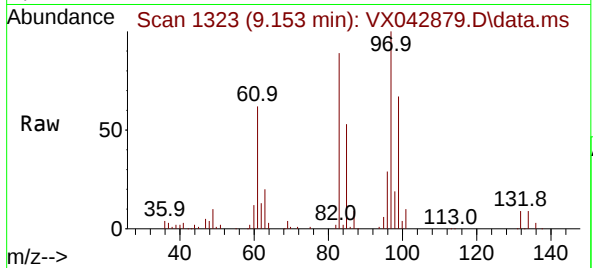
VSTDIC020

Tgt Ion: 97	Resp: 5488
Ion Ratio	Lower Upper
97 100	
83 88.9	65.8 98.8
85 52.8	41.6 62.4
99 66.4	47.8 71.8

Manual Integrations

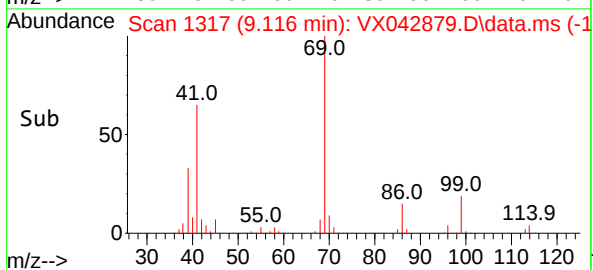
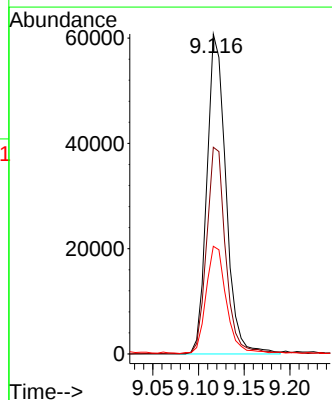
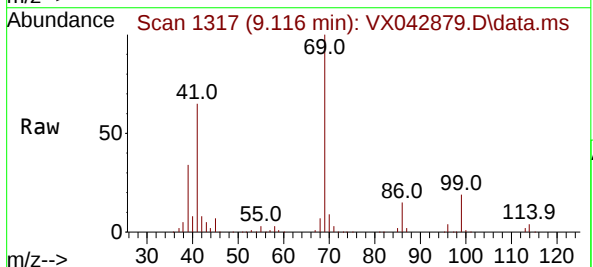
APPROVED

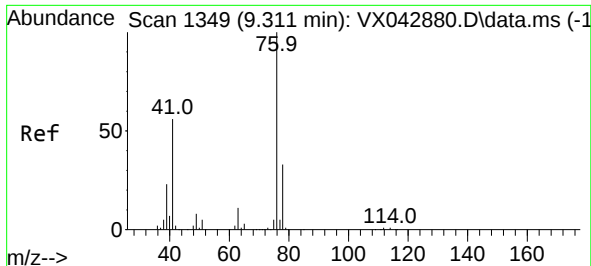
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#56
Ethyl methacrylate
Concen: 21.384 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 69	Resp: 87928
Ion Ratio	Lower Upper
69 100	
41 64.6	56.8 85.2
39 35.9	32.0 48.0





#57

1,3-Dichloropropane

Concen: 21.652 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 90634

Ion Ratio Lower Upper

76 100

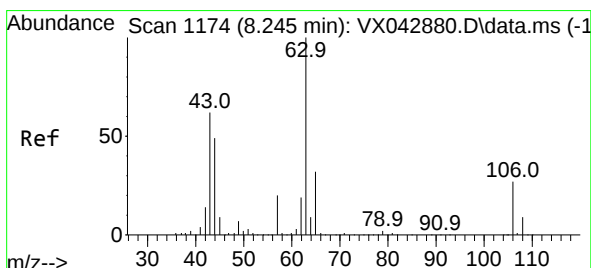
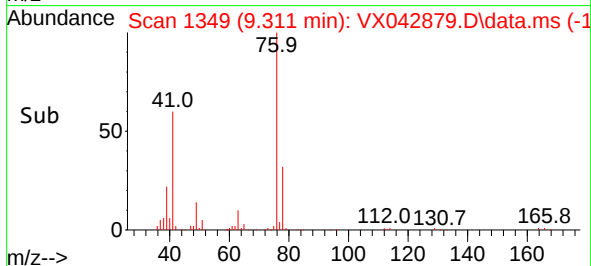
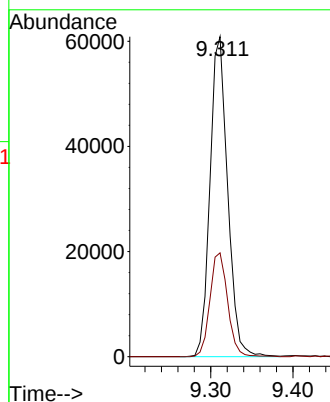
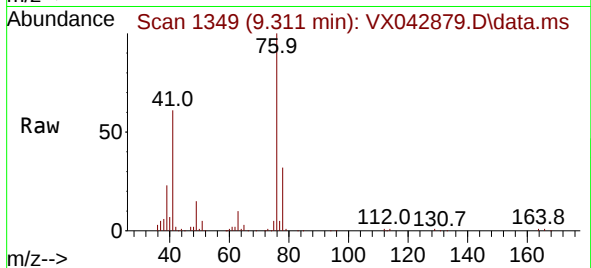
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#58

2-Chloroethyl Vinyl ether

Concen: 110.168 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX042879.D

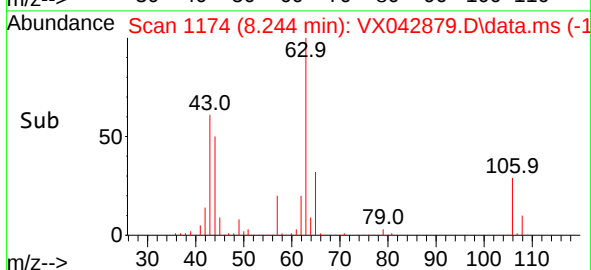
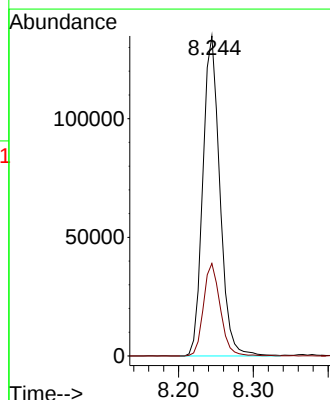
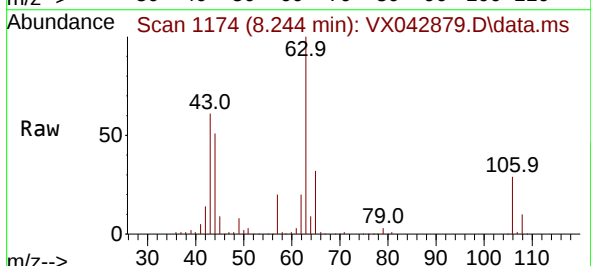
Acq: 06 Aug 2024 19:05

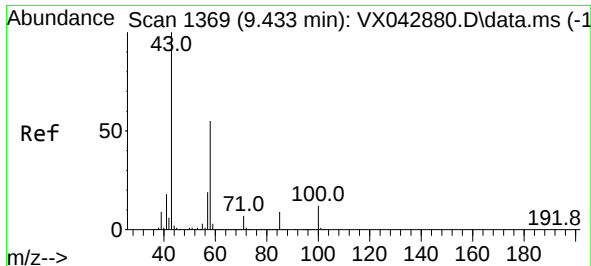
Tgt Ion: 63 Resp: 213507

Ion Ratio Lower Upper

63 100

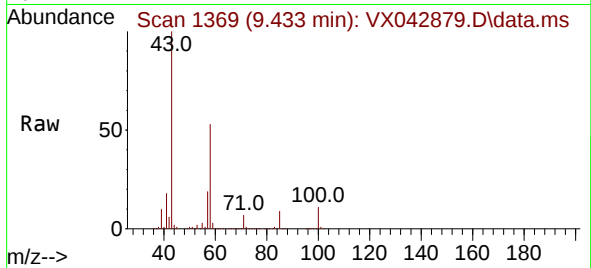
106 28.5 22.5 33.7





#59
2-Hexanone
Concen: 109.063 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

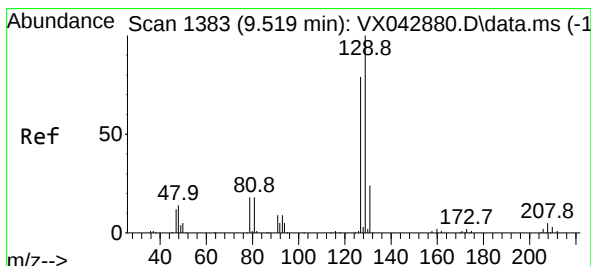
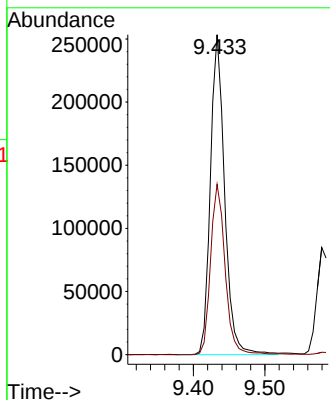
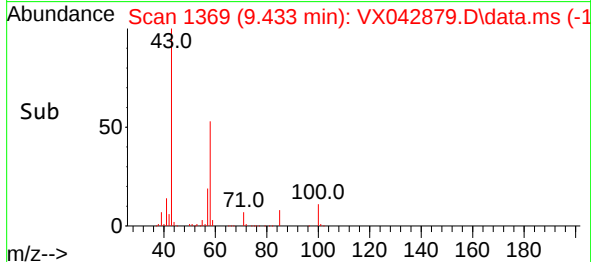
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 349734
Ion Ratio Lower Upper
43 100
58 54.8 26.2 78.5

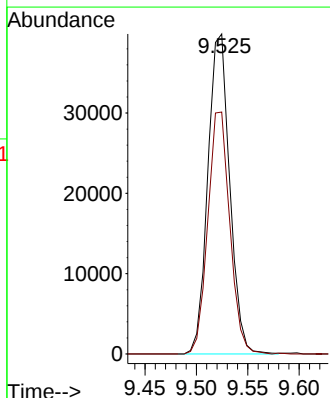
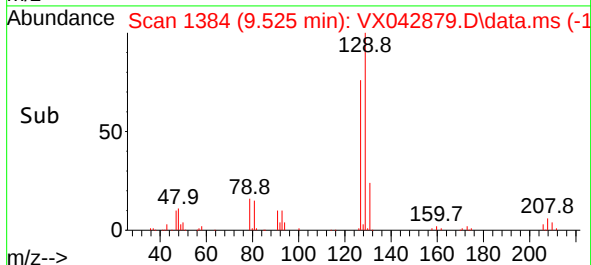
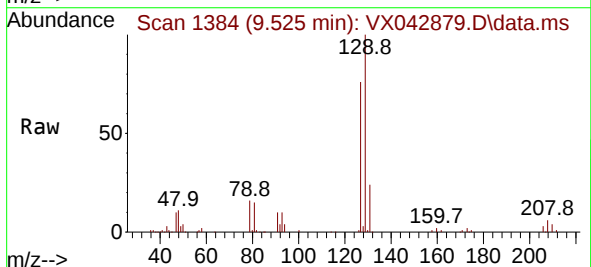
Manual Integrations
APPROVED

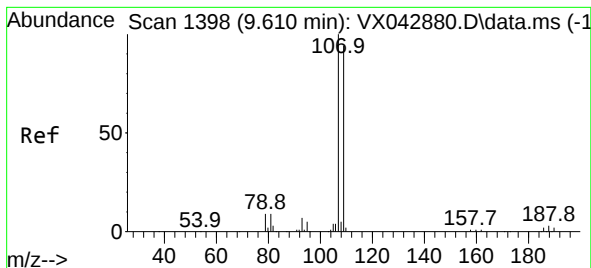
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
Dibromochloromethane
Concen: 20.973 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

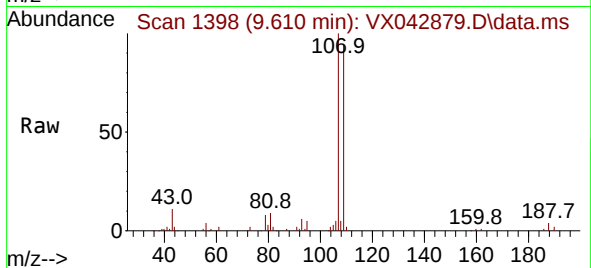
Tgt Ion:129 Resp: 58873
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.559 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

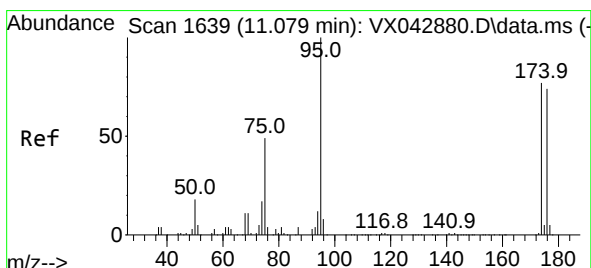
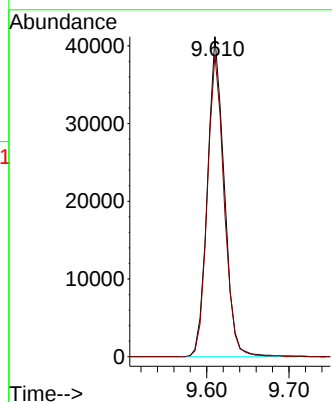
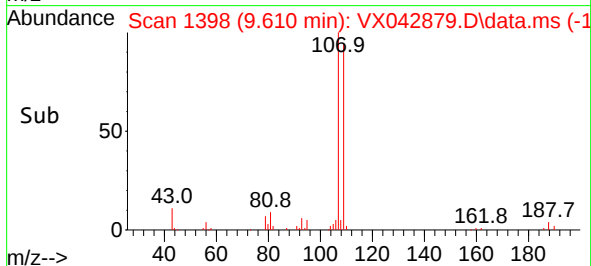
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



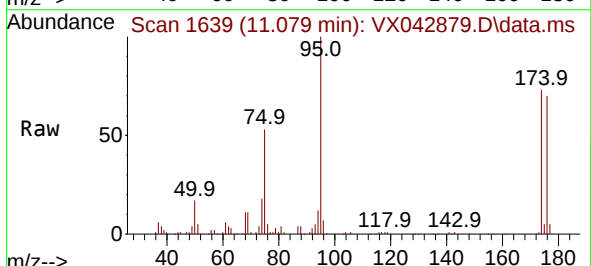
Tgt Ion:107 Resp: 58204
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

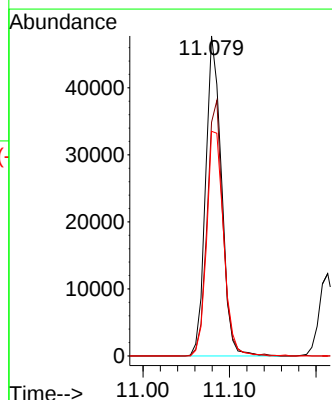
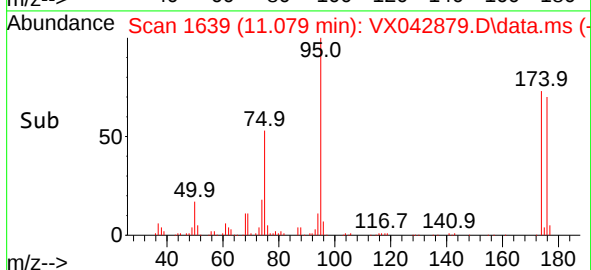
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

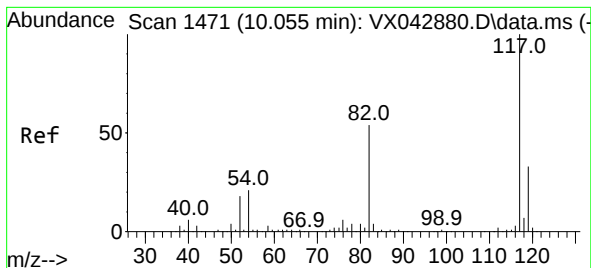


#62
4-Bromofluorobenzene
Concen: 19.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05



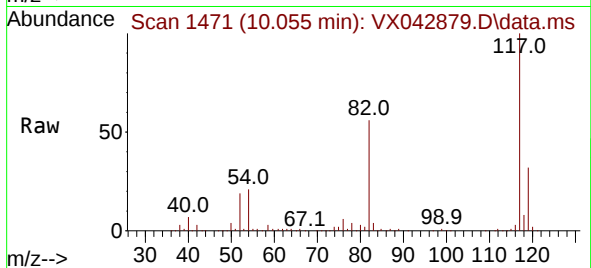
Tgt Ion: 95 Resp: 60462
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 75.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

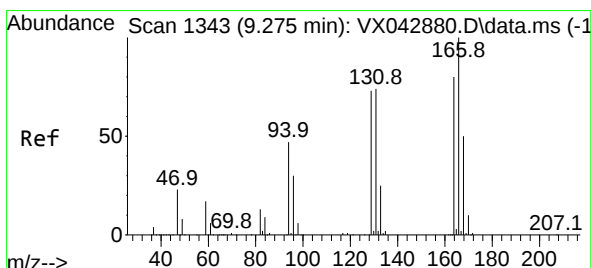
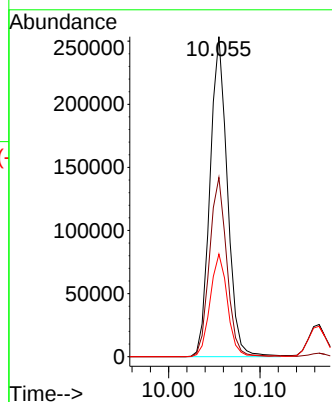
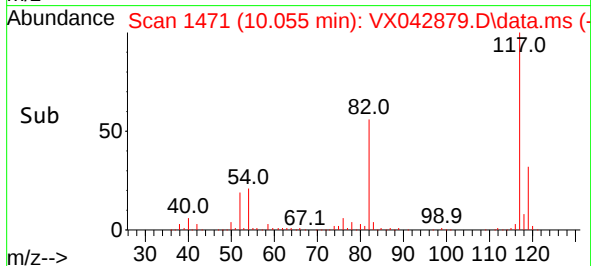
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



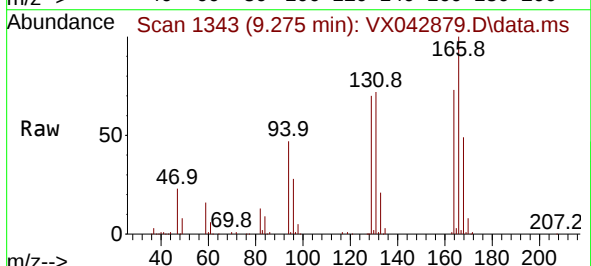
Tgt Ion:117 Resp: 33394
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.1 25.5 38.3

Manual Integrations
APPROVED

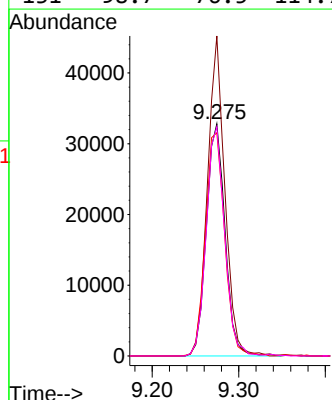
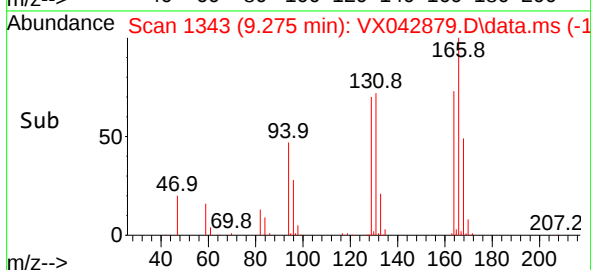
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

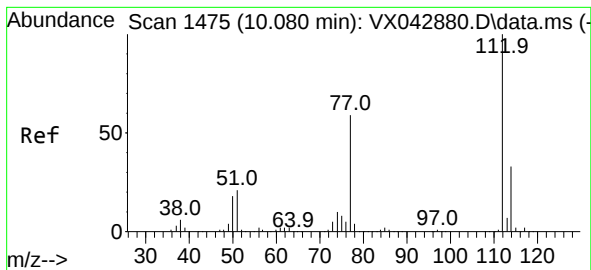


#64
Tetrachloroethene
Concen: 21.150 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05



Tgt Ion:164 Resp: 49110
Ion Ratio Lower Upper
164 100
166 137.9 102.7 154.1
129 96.2 80.4 120.6
131 98.7 76.5 114.7





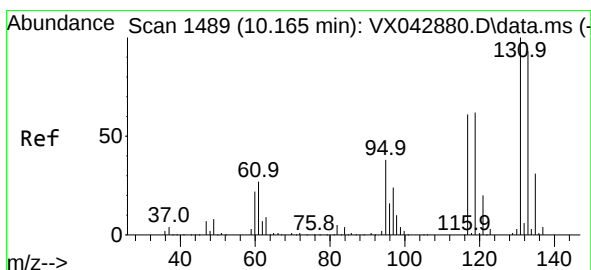
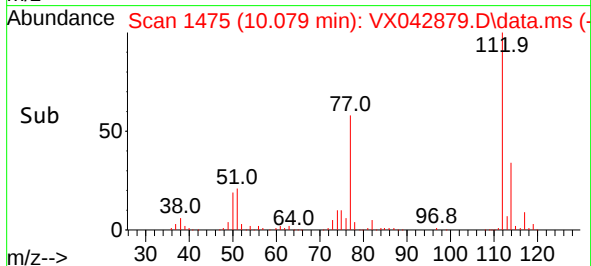
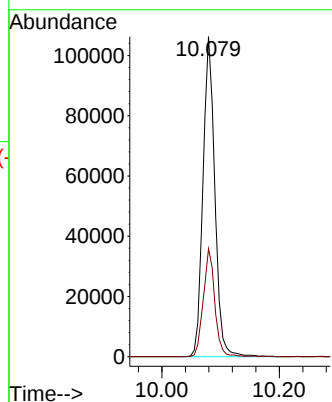
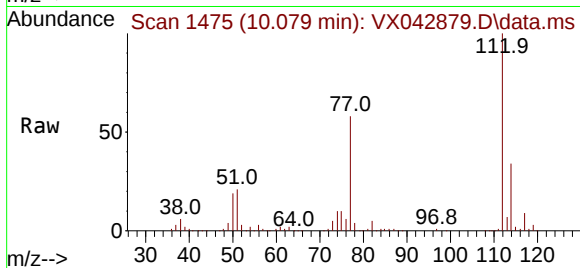
#65
Chlorobenzene
Concen: 20.956 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 148500
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5

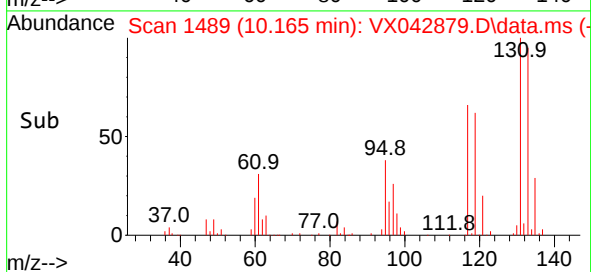
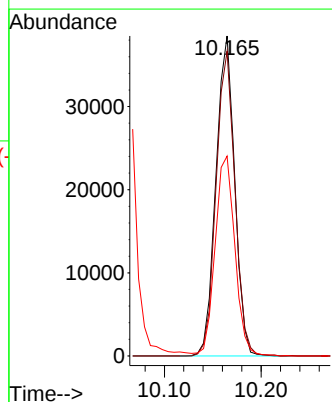
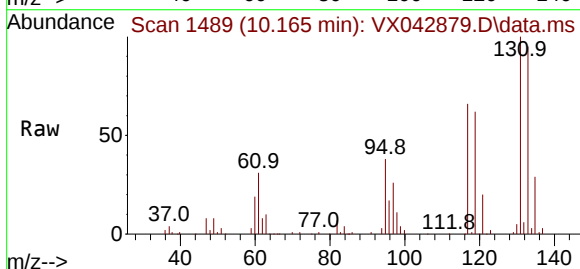
Manual Integrations
APPROVED

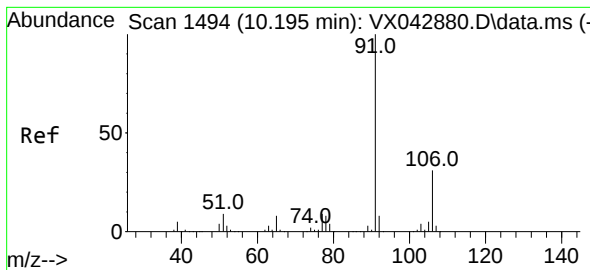
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.159 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

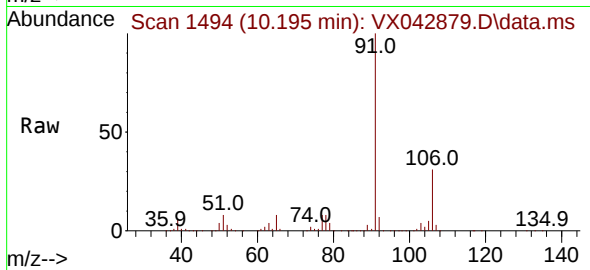
Tgt Ion:131 Resp: 51702
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 21.530 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

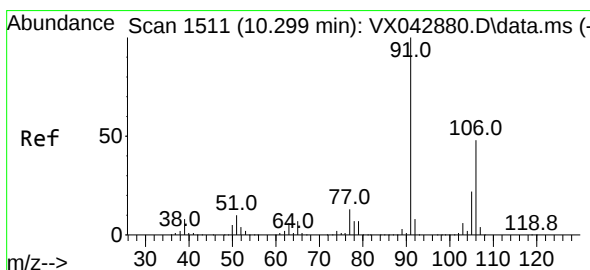
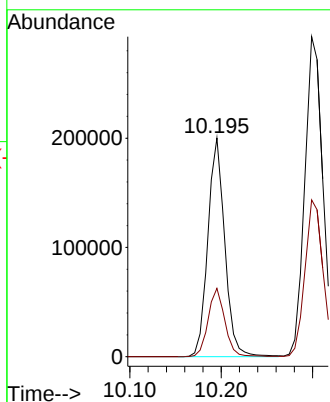
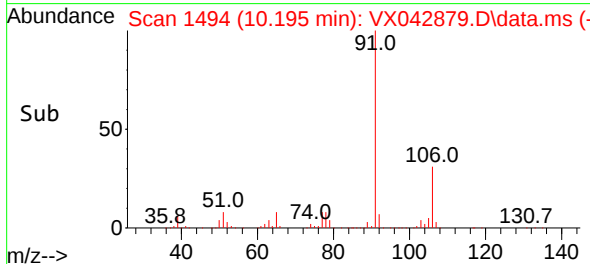
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



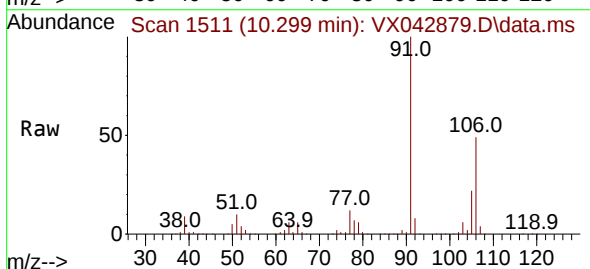
Tgt Ion: 91 Resp: 256642
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

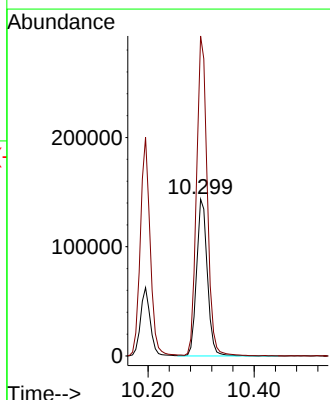
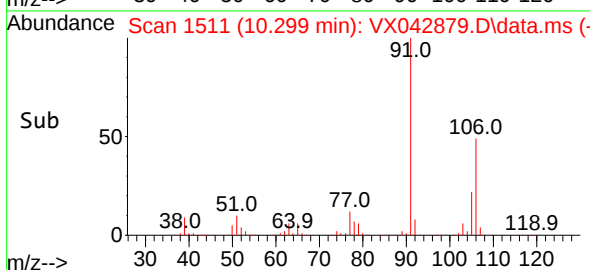
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

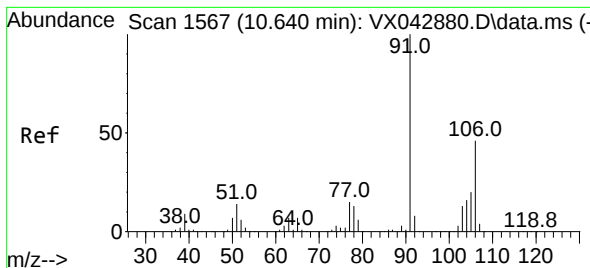


#68
m/p-Xylenes
Concen: 44.278 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05



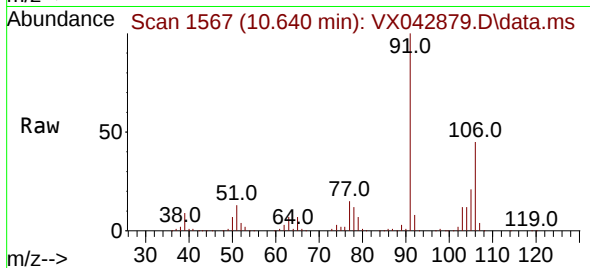
Tgt Ion:106 Resp: 201489
Ion Ratio Lower Upper
106 100
91 202.4 165.5 248.3





#69
o-Xylene
Concen: 21.296 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

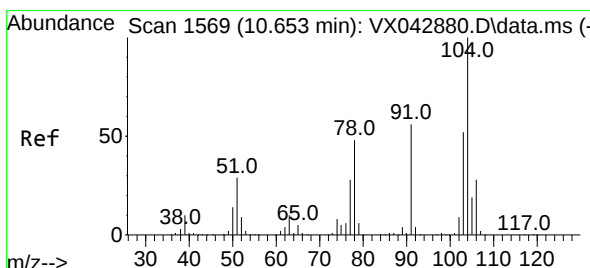
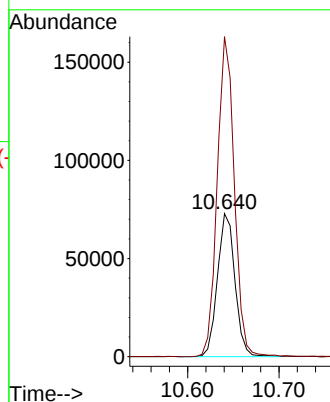
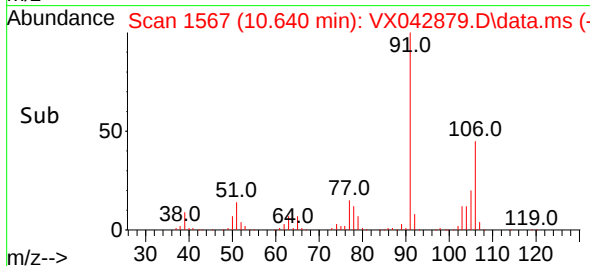
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



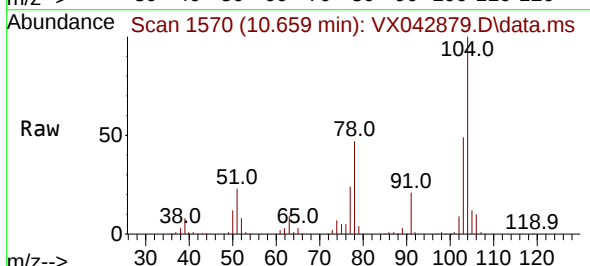
Tgt Ion:106 Resp: 97078
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.8

Manual Integrations
APPROVED

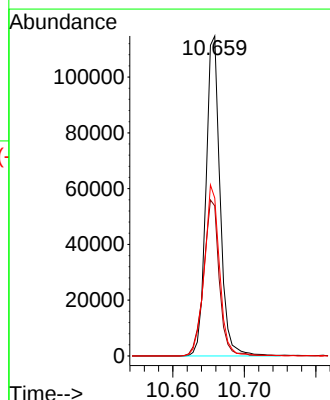
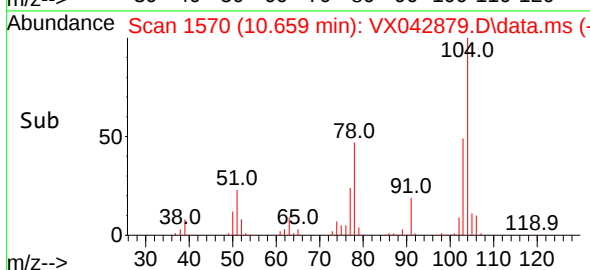
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

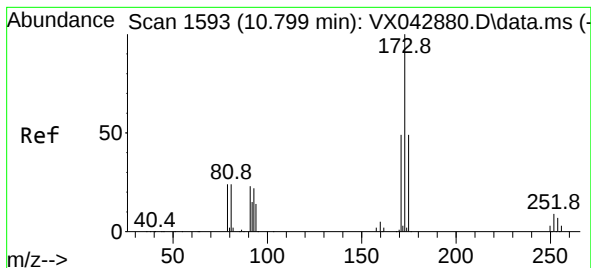


#70
Styrene
Concen: 21.524 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05



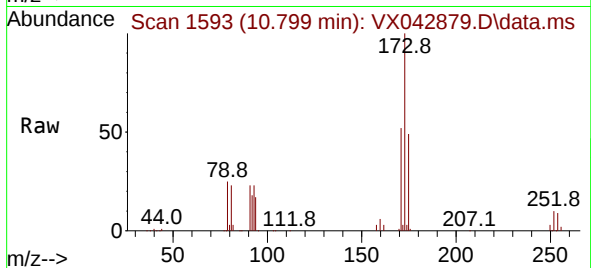
Tgt Ion:104 Resp: 157781
Ion Ratio Lower Upper
104 100
78 53.9 43.6 65.4
103 57.5 43.6 65.4





#71
Bromoform
Concen: 20.104 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

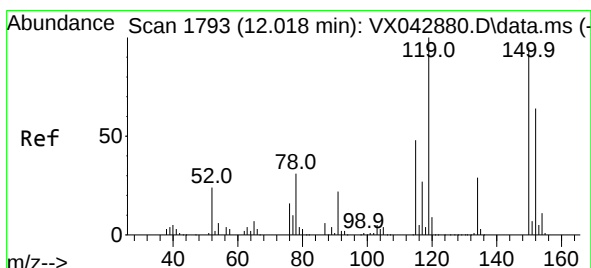
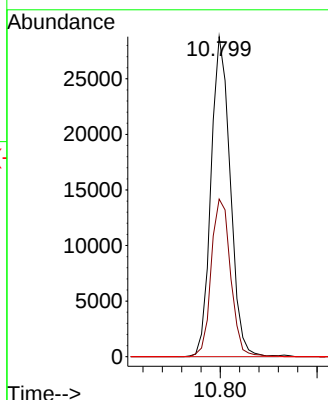
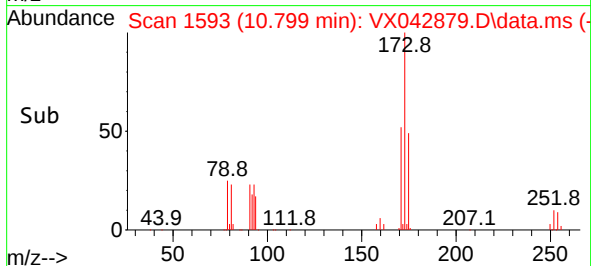
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 39628
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.4
254 0.0 0.0 0.0

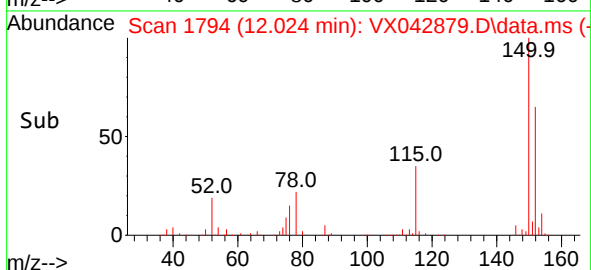
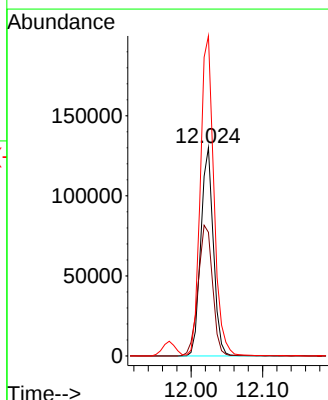
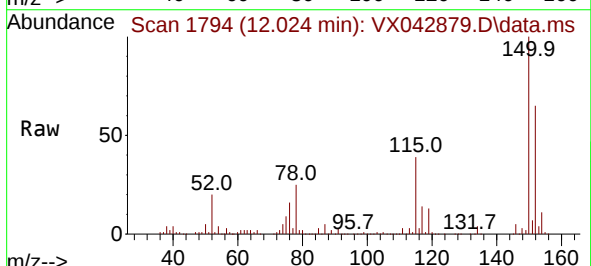
Manual Integrations
APPROVED

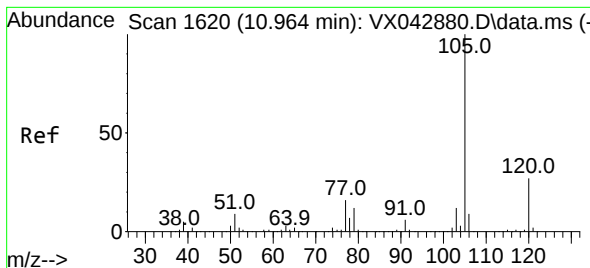
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion:152 Resp: 159287
Ion Ratio Lower Upper
152 100
115 71.9 43.3 129.9
150 165.1 0.0 345.0





#73

Isopropylbenzene

Concen: 21.755 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 250540

Ion Ratio Lower Upper

105 100

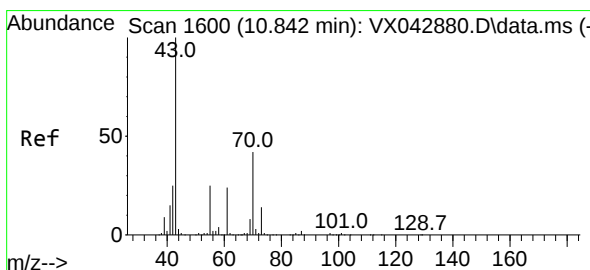
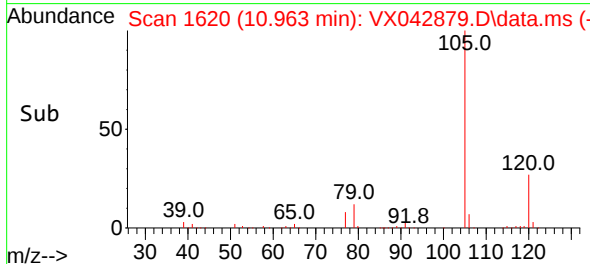
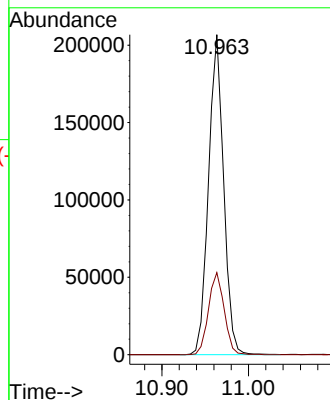
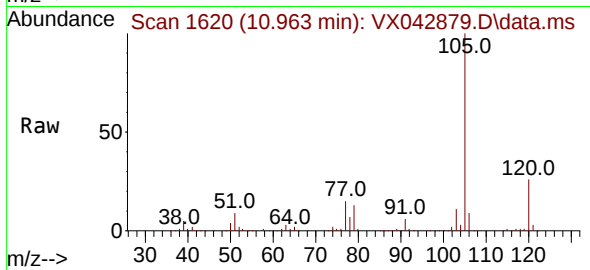
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#74

N-ethyl acetate

Concen: 21.239 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Tgt Ion: 43 Resp: 110054

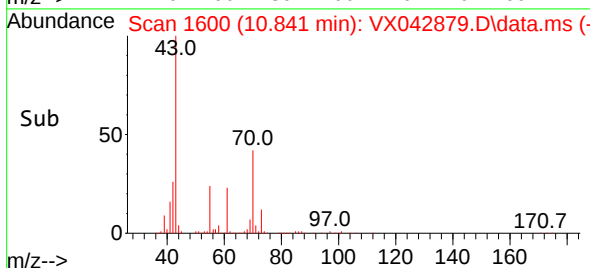
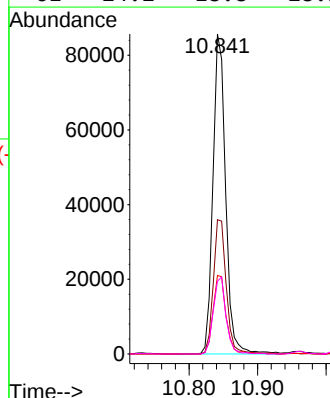
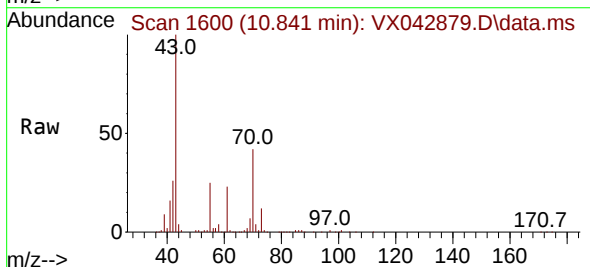
Ion Ratio Lower Upper

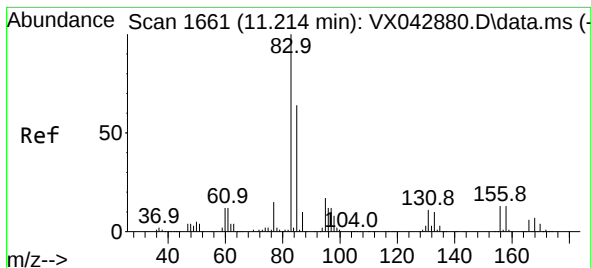
43 100

70 42.9 32.9 49.3

55 25.4 19.3 28.9

61 24.2 18.8 28.2





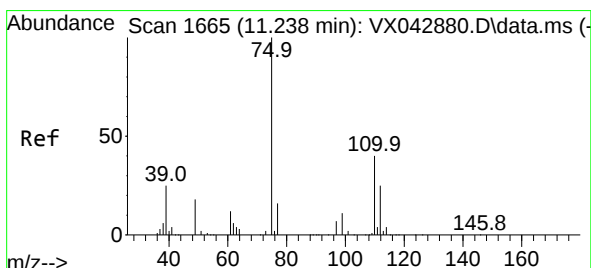
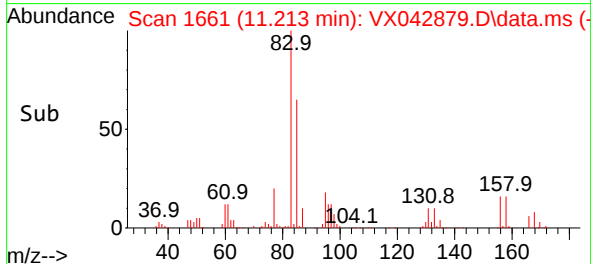
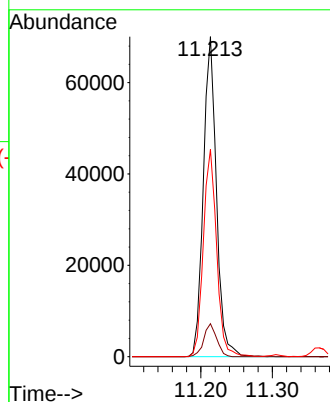
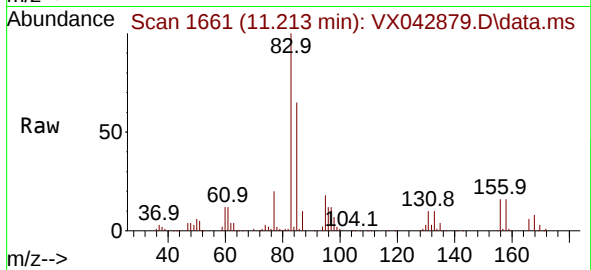
#75
1,1,2,2-Tetrachloroethane
Concen: 21.158 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 8926
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.7 32.0 96.2

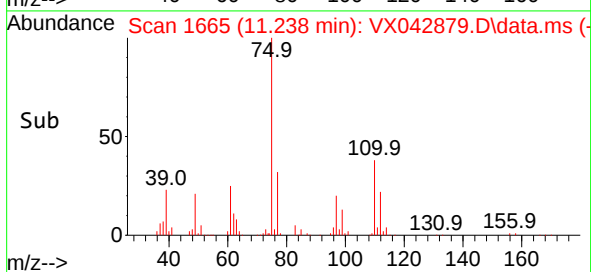
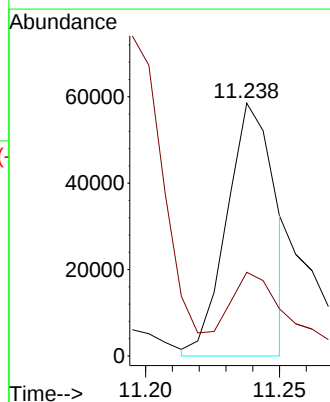
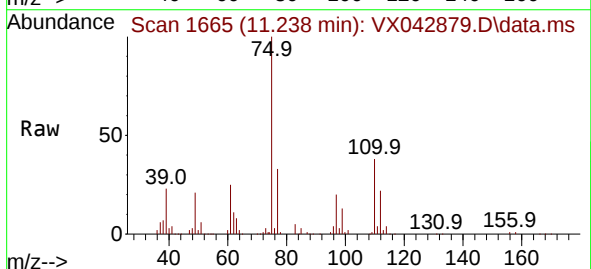
Manual Integrations
APPROVED

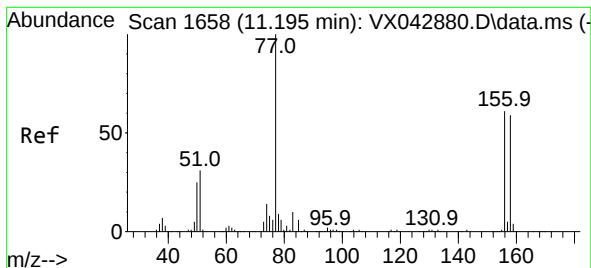
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#76
1,2,3-Trichloropropane
Concen: 20.821 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 75 Resp: 72749
Ion Ratio Lower Upper
75 100
77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 21.346 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

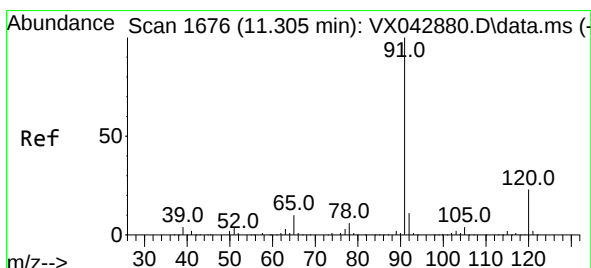
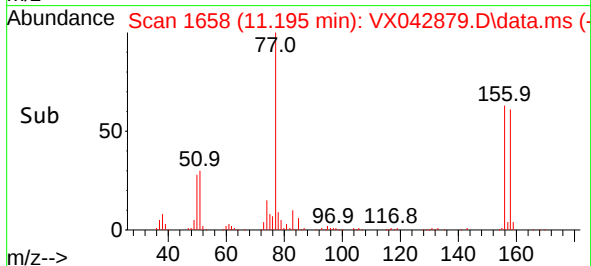
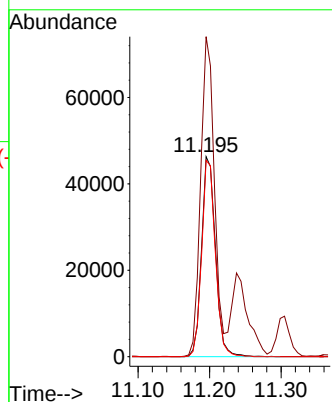
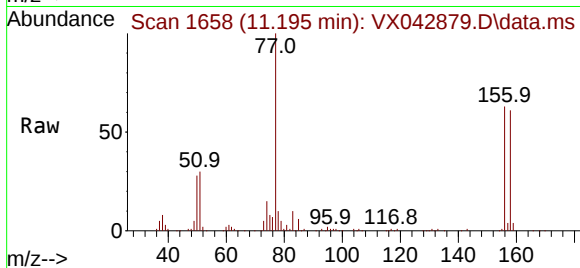
Tgt Ion:	156	Resp:	6253
Ion	Ratio	Lower	Upper
156	100		
77	157.3	88.4	265.3
158	96.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#78

n-propylbenzene

Concen: 21.806 ug/l

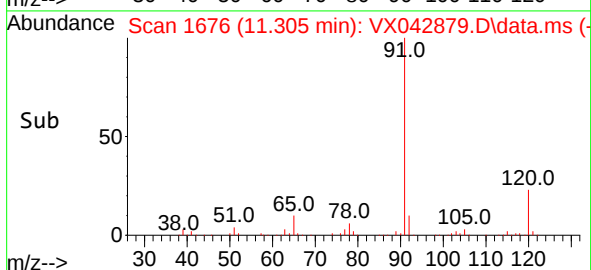
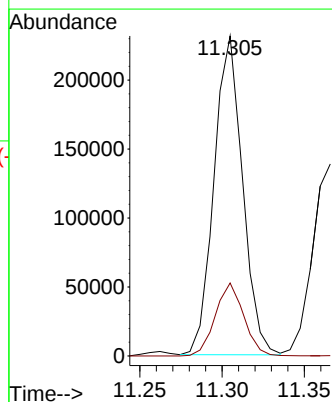
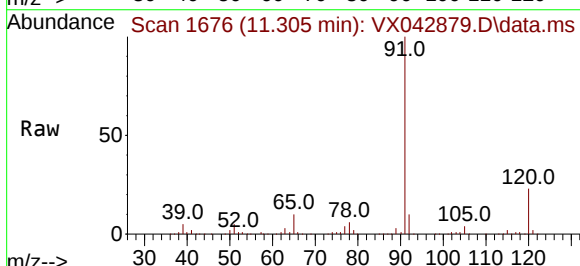
RT: 11.305 min Scan# 1676

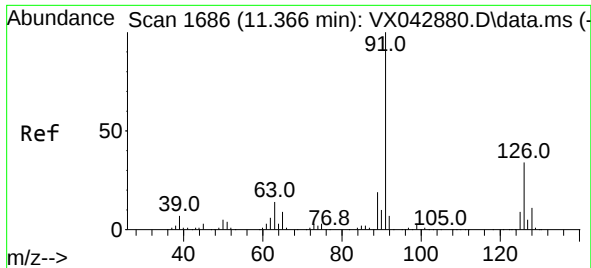
Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Tgt Ion:	91	Resp:	278948
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.4





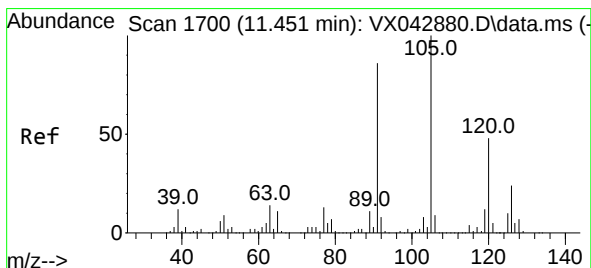
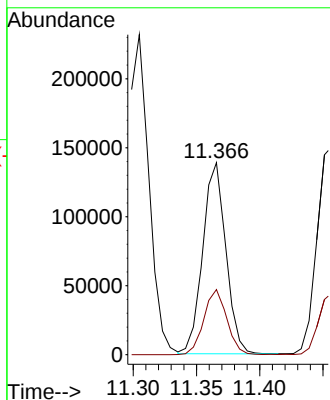
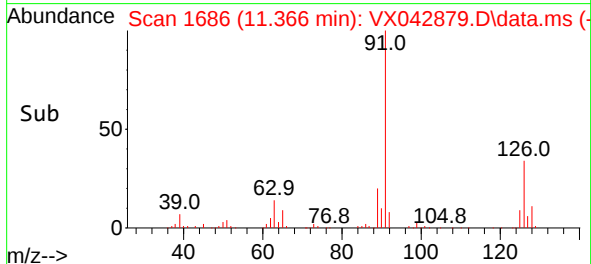
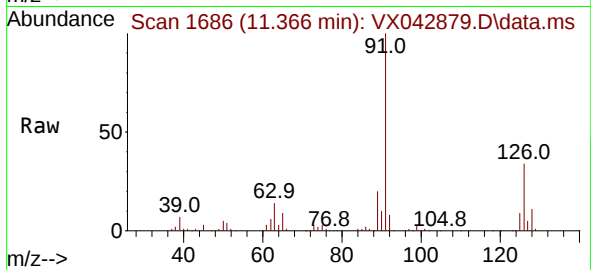
#79
2-Chlorotoluene
Concen: 21.524 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 17647
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

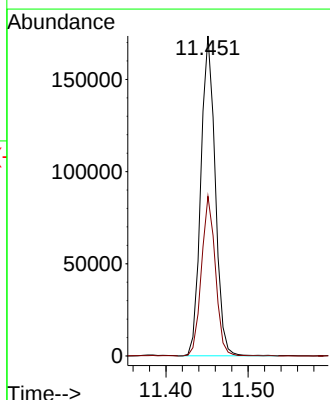
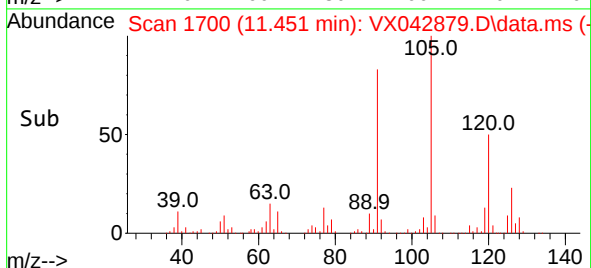
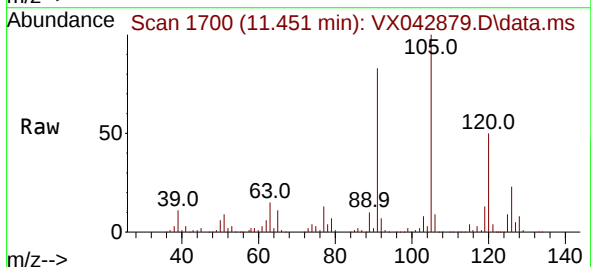
Manual Integrations
APPROVED

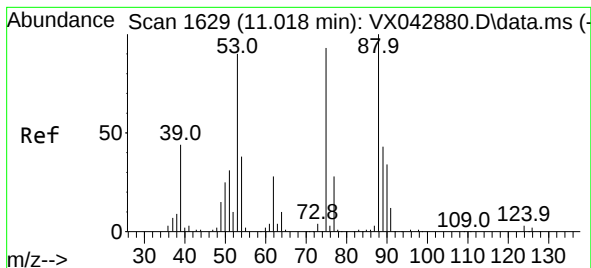
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.057 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

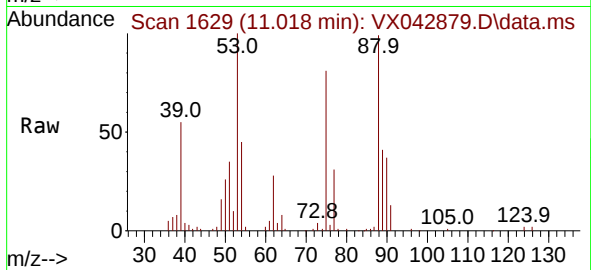
Tgt Ion:105 Resp: 210332
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.683 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

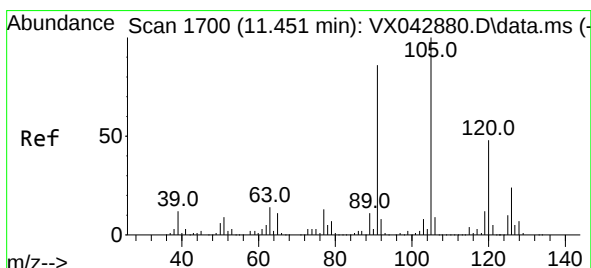
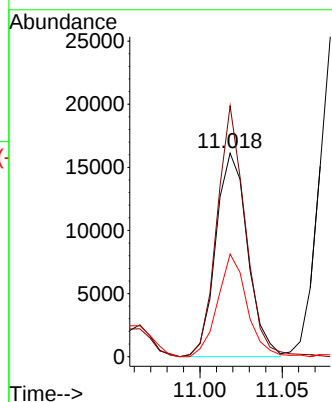
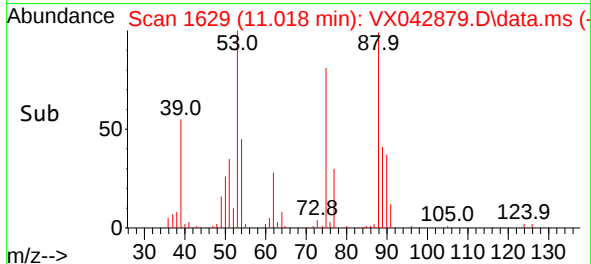
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 21680
Ion Ratio Lower Upper
75 100
53 109.8 90.5 135.7
89 46.5 36.9 55.3

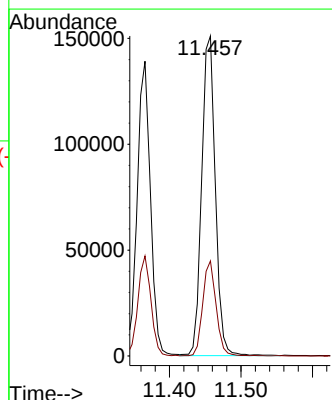
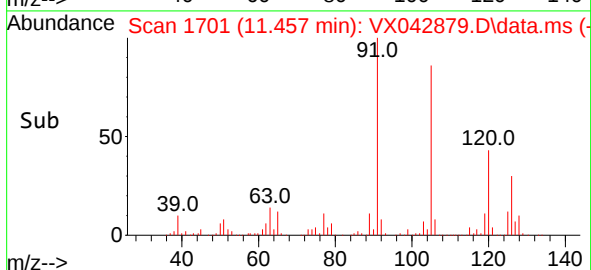
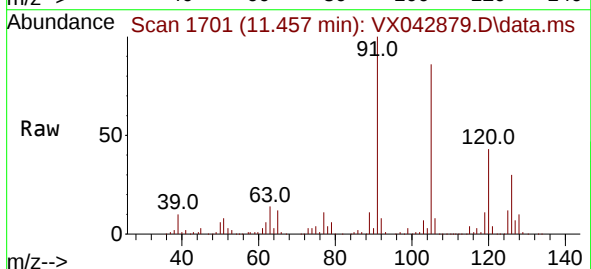
Manual Integrations
APPROVED

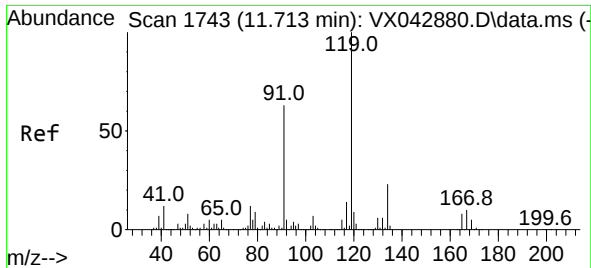
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#82
4-Chlorotoluene
Concen: 21.666 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

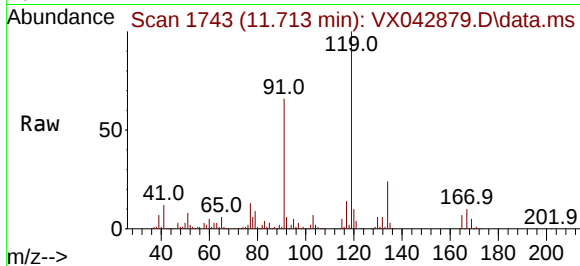
Tgt Ion: 91 Resp: 199667
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.116 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

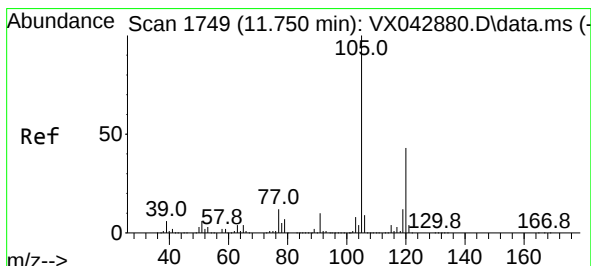
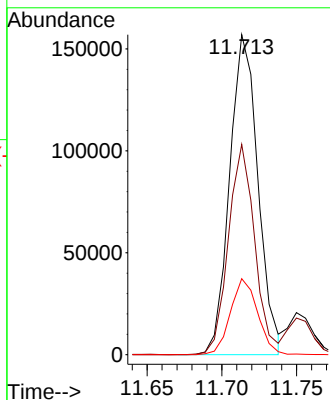
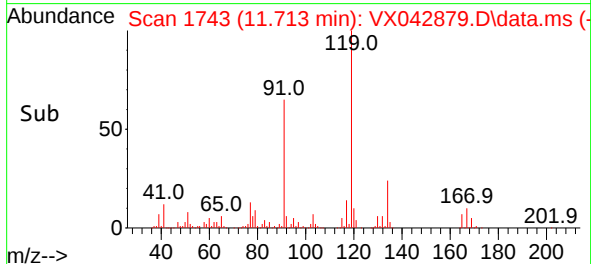
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



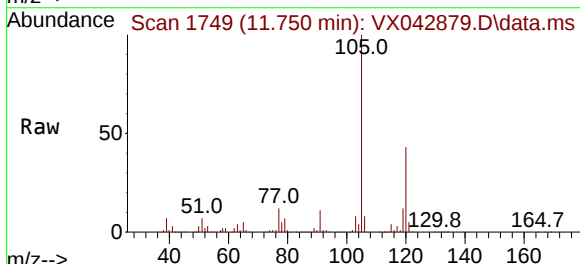
Tgt Ion:119 Resp: 206928
Ion Ratio Lower Upper
119 100
91 61.0 31.2 93.6
134 22.9 11.7 35.0

Manual Integrations
APPROVED

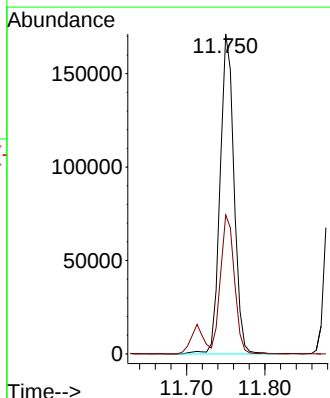
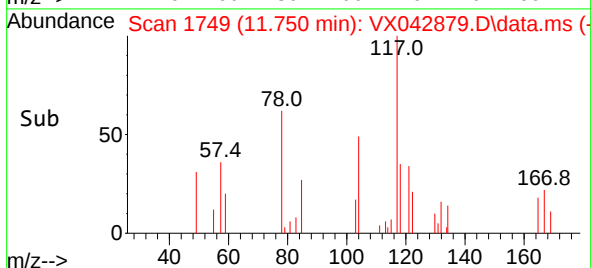
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

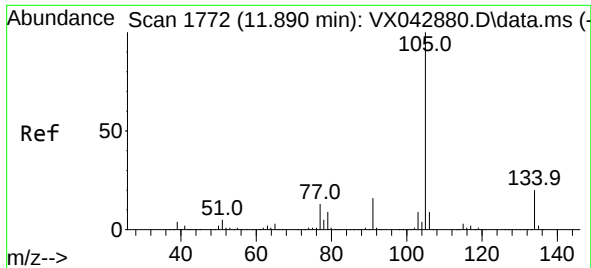


#84
1,2,4-Trimethylbenzene
Concen: 22.094 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05



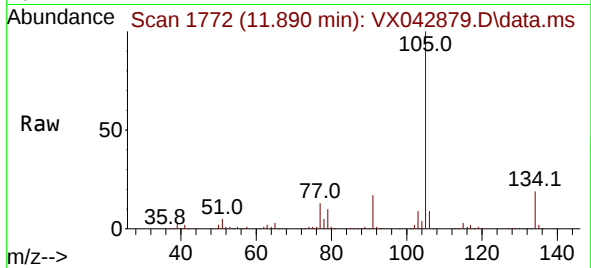
Tgt Ion:105 Resp: 212095
Ion Ratio Lower Upper
105 100
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 22.134 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042879.D
 Acq: 06 Aug 2024 19:05

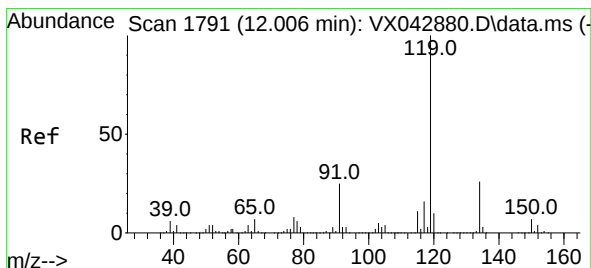
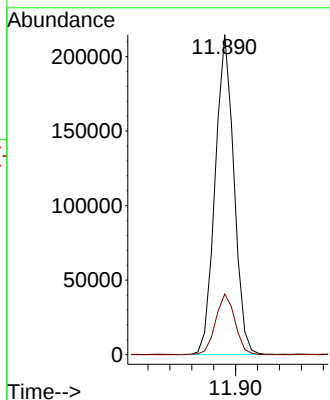
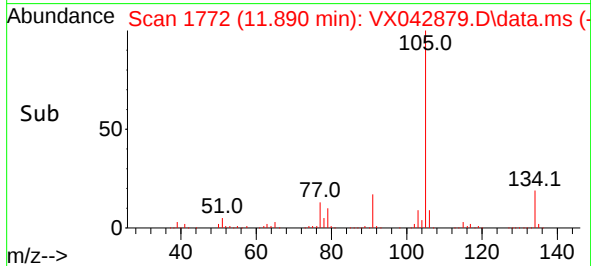
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



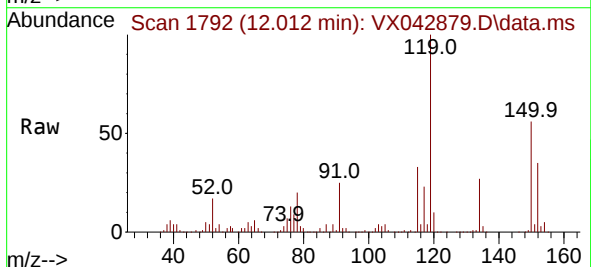
Tgt Ion:105 Resp: 25541
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

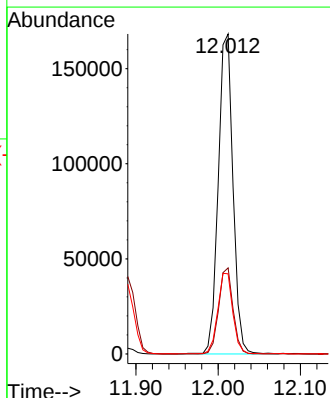
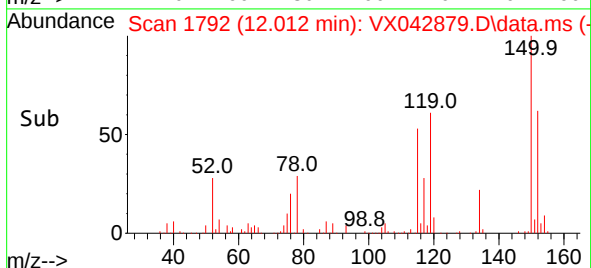
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

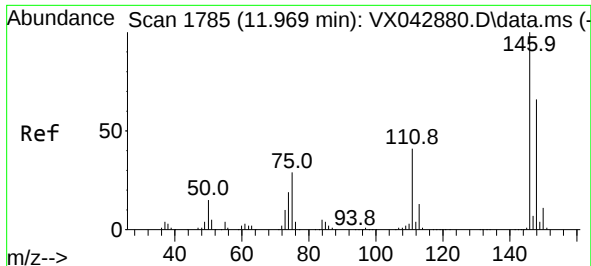


#86
 p-Isopropyltoluene
 Concen: 21.808 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042879.D
 Acq: 06 Aug 2024 19:05



Tgt Ion:119 Resp: 209073
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 21.197 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 11238

Ion Ratio Lower Upper

146 100

111 41.3 22.1 66.1

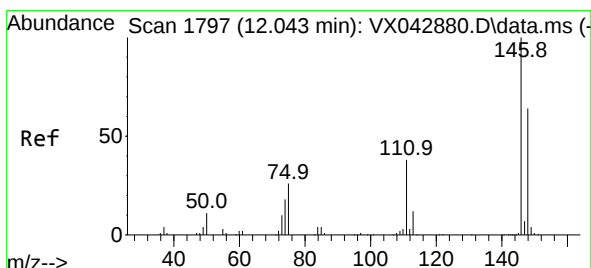
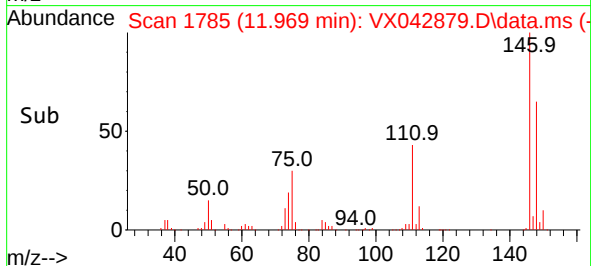
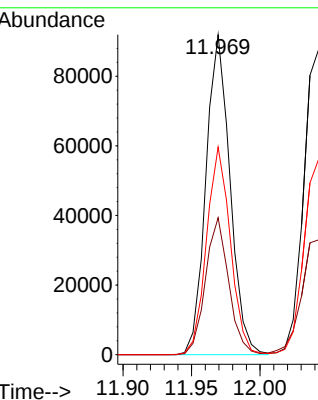
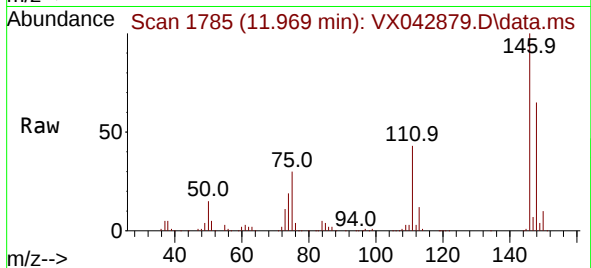
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#88

1,4-Dichlorobenzene

Concen: 20.743 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

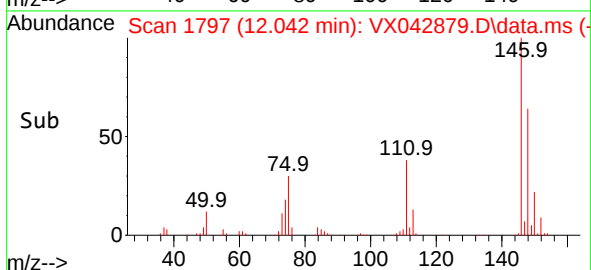
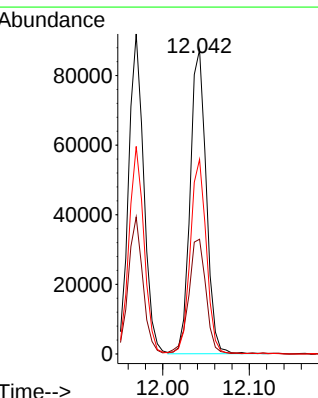
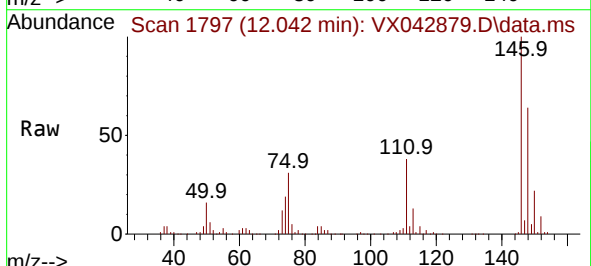
Tgt Ion:146 Resp: 112726

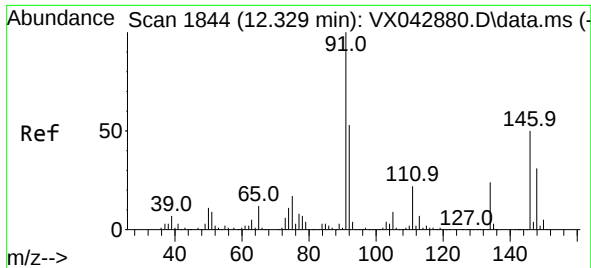
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

148 63.6 31.8 95.4





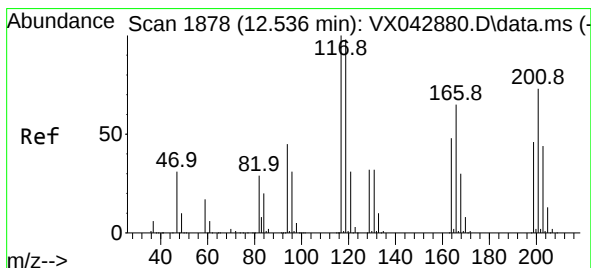
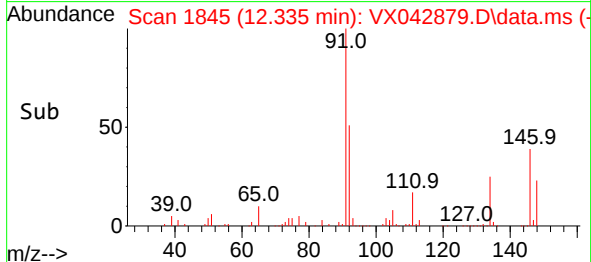
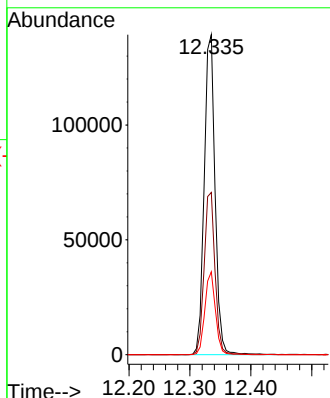
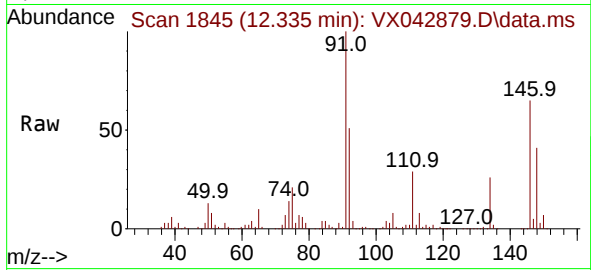
#89
n-Butylbenzene
Concen: 20.885 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 17273
Ion Ratio Lower Upper
91 100
92 50.9 27.4 82.0
134 25.3 12.6 37.8

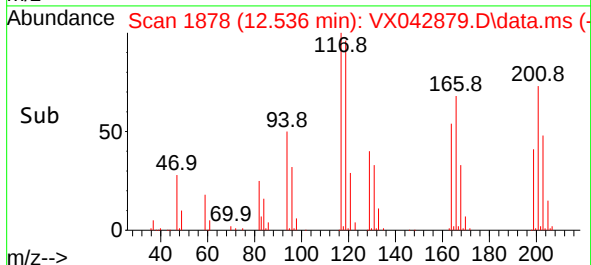
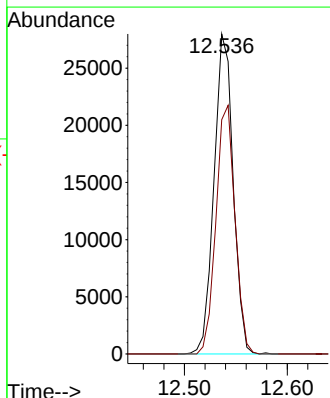
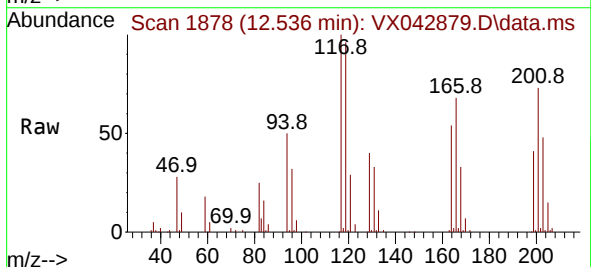
Manual Integrations
APPROVED

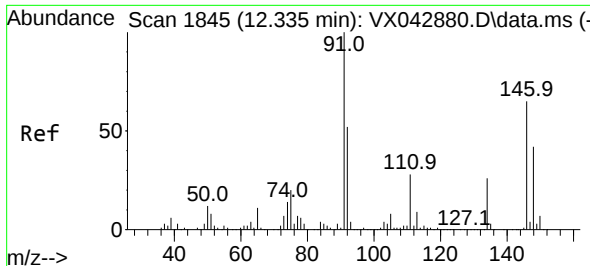
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#90
Hexachloroethane
Concen: 20.593 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

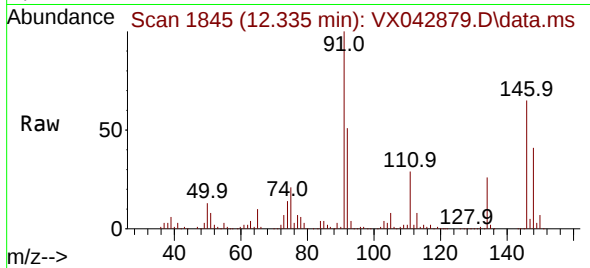
Tgt Ion:117 Resp: 36114
Ion Ratio Lower Upper
117 100
201 77.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 21.304 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

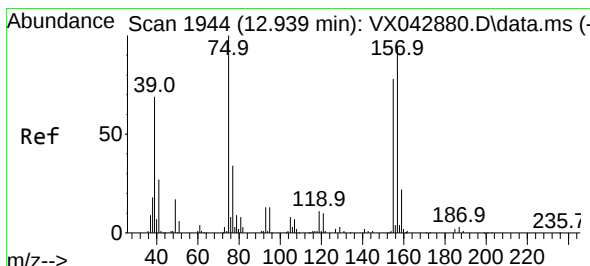
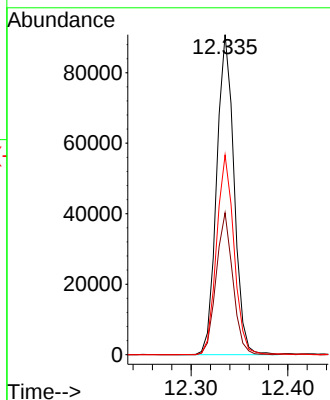
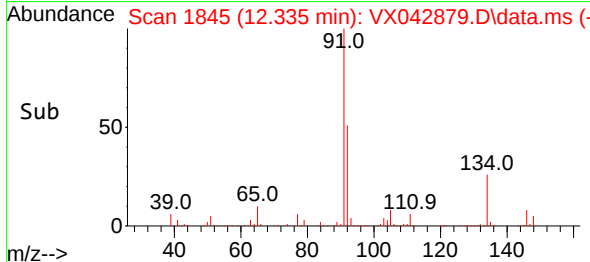
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



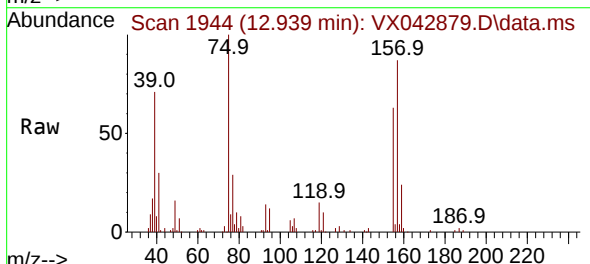
Tgt Ion:146 Resp: 11310
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 62.9 31.6 95.0

Manual Integrations
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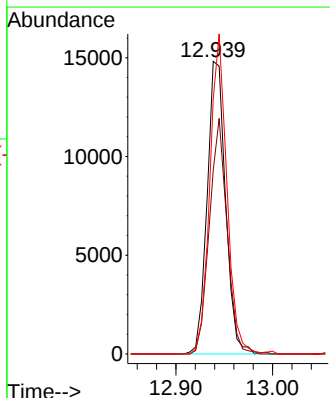
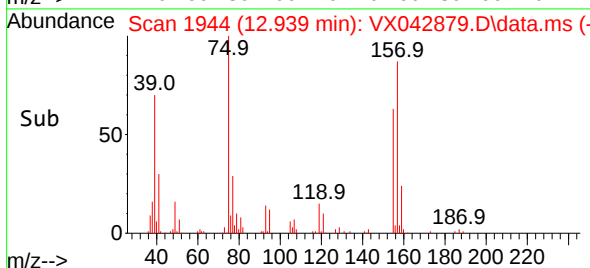
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

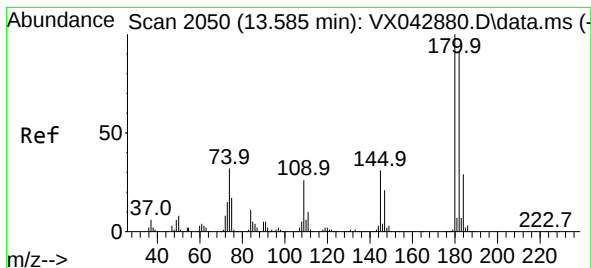


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.245 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05



Tgt Ion: 75 Resp: 19694
Ion Ratio Lower Upper
75 100
155 76.5 36.1 108.5
157 101.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.213 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

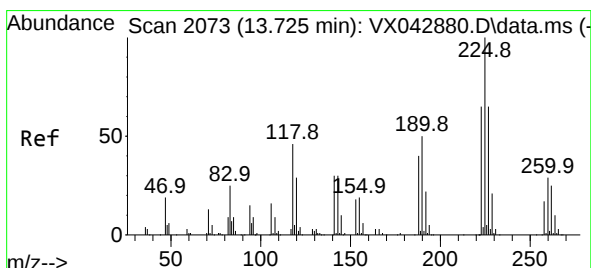
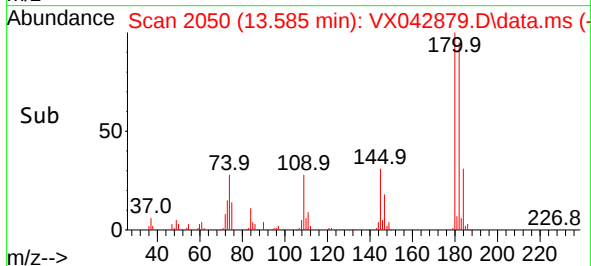
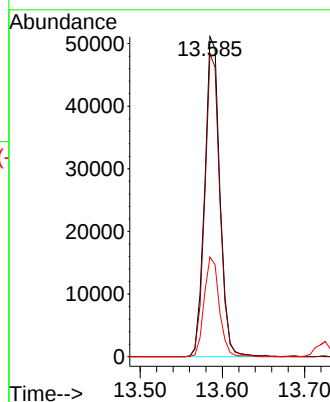
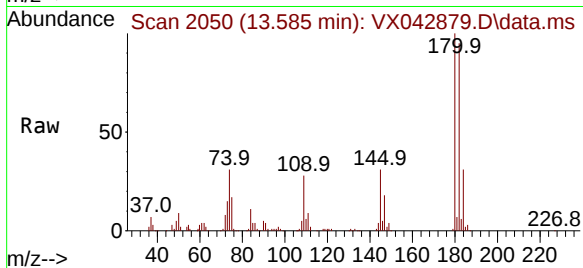
Tgt Ion:180	Resp: 6545
Ion Ratio	Lower Upper
180 100	
182 93.9	48.3 144.8
145 31.0	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#94

Hexachlorobutadiene

Concen: 20.820 ug/l

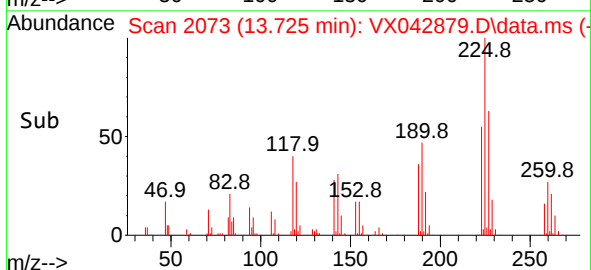
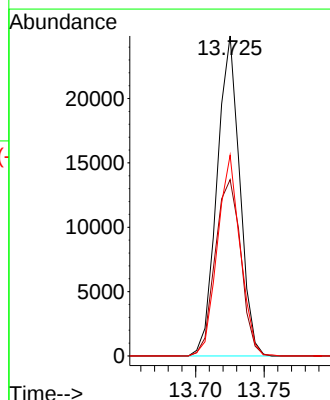
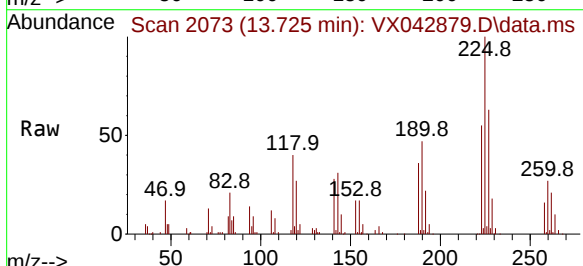
RT: 13.725 min Scan# 2073

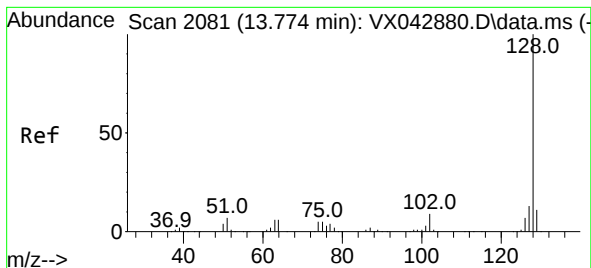
Delta R.T. -0.000 min

Lab File: VX042879.D

Acq: 06 Aug 2024 19:05

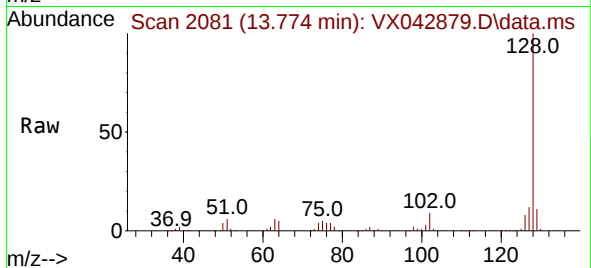
Tgt Ion:225	Resp: 28595
Ion Ratio	Lower Upper
225 100	
223 62.1	31.1 93.2
227 63.2	32.5 97.5





#95
Naphthalene
Concen: 21.061 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

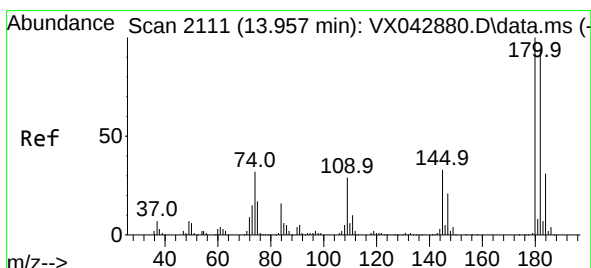
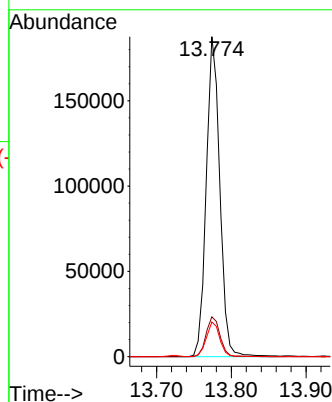
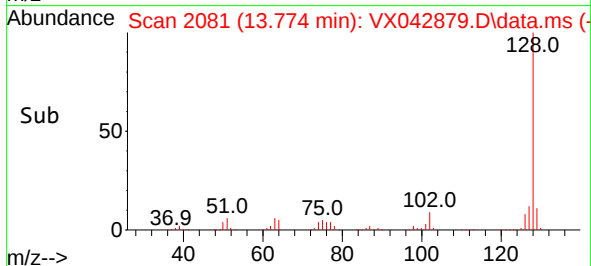
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 236000
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.546 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX042879.D
Acq: 06 Aug 2024 19:05

Tgt Ion:180 Resp: 66975
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 33.9 17.8 53.5

