

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042079.D
 Acq On : 27 Jun 2024 16:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 04:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	30345	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	171450	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	157322	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	58670	28.086	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.633%	
60) 4-Bromofluorobenzene	11.079	95	72662	29.838	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.467%	
63) Toluene-d8	8.647	98	199510	29.641	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	35372	18.007	ug/l	96
3) Chloromethane	1.307	50	37231	16.956	ug/l	97
4) Vinyl Chloride	1.374	62	37026	17.243	ug/l	97
5) Bromomethane	1.593	94	17922	15.613	ug/l	96
6) Chloroethane	1.666	64	22790	24.841	ug/l	99
7) Trichlorofluoromethane	1.874	101	51614	19.086	ug/l	99
8) Diethyl Ether	2.136	74	22013	18.809	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	34900	18.984	ug/l	98
10) 1,1-Dichloroethene	2.307	96	34910	18.824	ug/l	98
11) Methyl Iodide	2.441	142	43011	17.820	ug/l	99
12) Methyl Acetate	2.709	43	49184	20.802	ug/l	99
13) Acrolein	2.239	56	36349	76.245	ug/l	99
14) Acrylonitrile	3.069	53	107153	95.484	ug/l	98
15) Acetone	2.392	58	28108	87.556	ug/l	92
16) Carbon Disulfide	2.502	76	72003	17.716	ug/l	99
17) Allyl chloride	2.660	41	52935	18.795	ug/l	96
18) Methylene Chloride	2.788	84	40472	19.026	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	34502	18.572	ug/l	98
20) Diisopropyl ether	3.770	45	110335	19.059	ug/l	98
21) 1,1-Dichloroethane	3.605	63	63314	19.146	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	43811	19.482	ug/l	98
23) tert-Butyl Alcohol	2.989	59	40859	97.931	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	112729	19.651	ug/l	98
25) Chloroform	5.093	83	65579	19.513	ug/l	97
26) Cyclohexane	5.465	56	52594	18.311	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	43281	19.342	ug/l	98
30) 2-Butanone	4.568	43	146438	97.940	ug/l	98
31) 2,2-Dichloropropane	4.465	77	46478	18.956	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	55798	19.671	ug/l	99
33) Carbon Tetrachloride	5.678	117	48334	19.757	ug/l	100
34) Benzene	6.038	78	145566	19.528	ug/l	98
35) Methacrylonitrile	4.928	41	29347	19.541	ug/l	95
36) 1,2-Dichloroethane	6.086	62	45155	19.445	ug/l	99
37) Trichloroethene	7.129	130	39036	19.172	ug/l	99
38) Methylcyclohexane	7.379	83	55468	18.714	ug/l	98
39) 1,2-Dichloropropane	7.434	63	35020	19.722	ug/l	98
40) Dibromomethane	7.580	93	25906	19.722	ug/l	97
41) Bromodichloromethane	7.824	83	47079	20.006	ug/l	98
42) Vinyl Acetate	3.727	43	489075	97.723	ug/l	100

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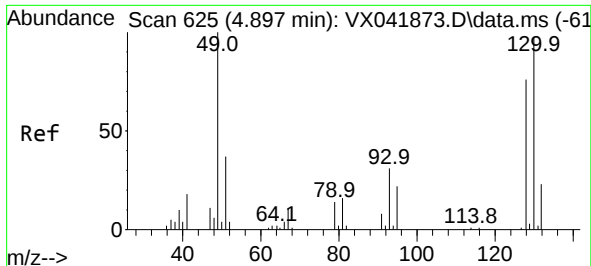
Manual Integrations
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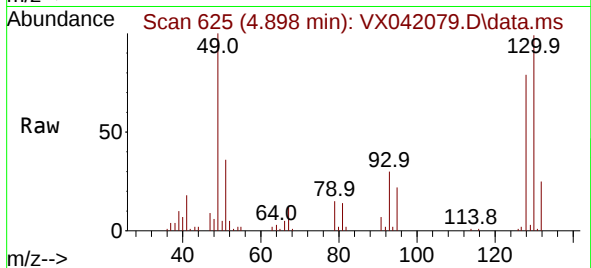
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	55989	19.971	ug/l	97
44) Isopropyl Acetate	6.348	43	81984	19.525	ug/l	100
45) 1,4-Dioxane	7.671	88	16739	327.042	ug/l #	94
46) Methyl methacrylate	7.696	41	39888	19.429	ug/l	96
47) n-amyl Acetate	10.842	43	72123	19.138	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	46650	19.254	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	52982	19.494	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	37947	19.868	ug/l	96
51) Ethyl methacrylate	9.116	69	59202	19.512	ug/l	100
52) 1,3-Dichloropropane	9.311	76	62091	19.885	ug/l	98
53) Dibromochloromethane	9.519	129	41729	19.964	ug/l	99
54) 1,2-Dibromoethane	9.610	107	40876	20.295	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	144010	101.971	ug/l	99
56) Bromoform	10.799	173	33538	19.678	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	285740	101.359	ug/l	99
59) 2-Hexanone	9.433	43	219780	101.008	ug/l	98
61) Tetrachloroethene	9.275	164	38378	19.386	ug/l	98
62) Toluene	8.720	91	160380	20.146	ug/l	99
64) Chlorobenzene	10.080	112	107858	19.896	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	38471	20.548	ug/l	99
66) Ethyl Benzene	10.195	91	173149	19.894	ug/l	99
67) m/p-Xylenes	10.299	106	140542	40.144	ug/l	98
68) o-Xylene	10.640	106	70059	20.072	ug/l	99
69) Styrene	10.659	104	116981	20.056	ug/l	100
70) Isopropylbenzene	10.964	105	179978	20.508	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	61733	20.325	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	55000m	22.357	ug/l	
73) Bromobenzene	11.201	156	51343	20.057	ug/l	98
74) n-propylbenzene	11.305	91	191662	19.881	ug/l	99
75) 2-Chlorotoluene	11.366	91	122842	20.066	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	147299	20.034	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	16322	17.935	ug/l	94
78) 4-Chlorotoluene	11.457	91	133871	19.685	ug/l	99
79) tert-butylbenzene	11.713	119	159841	20.481	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	148171	20.172	ug/l	100
81) sec-Butylbenzene	11.890	105	184467	20.265	ug/l	100
82) p-Isopropyltoluene	12.006	119	160161	20.078	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	88947	19.487	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	87713	19.306	ug/l	99
85) n-Butylbenzene	12.335	91	116365	18.865	ug/l	100
86) Hexachloroethane	12.536	117	25190	19.337	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	90271	19.556	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12430	19.786	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	58427	18.699	ug/l	98
90) Hexachlorobutadiene	13.725	225	29229	18.983	ug/l	95
91) Naphthalene	13.774	128	187633	19.873	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	62841	19.419	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

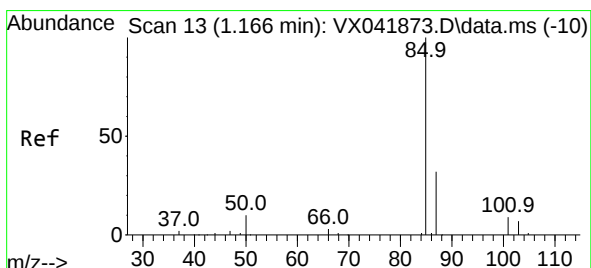
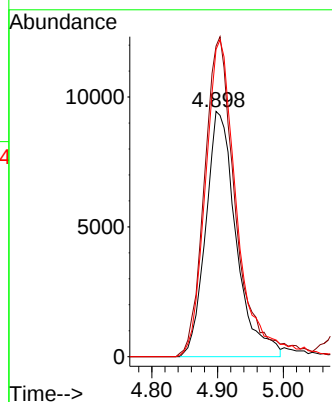
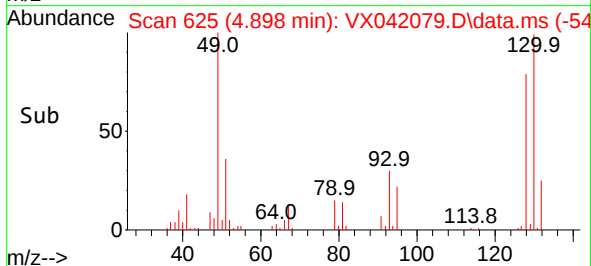
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 30345
Ion Ratio Lower Upper
128 100
49 132.4 0.0 338.5
130 132.4 0.0 324.5

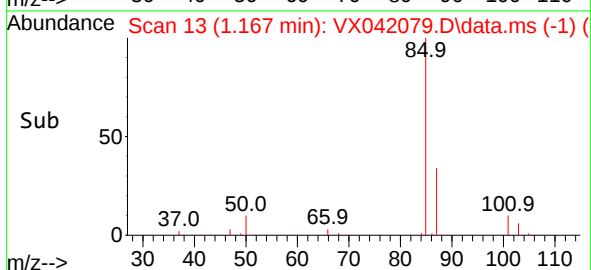
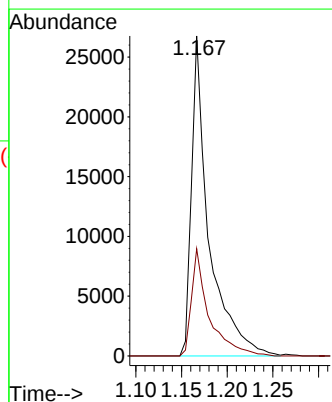
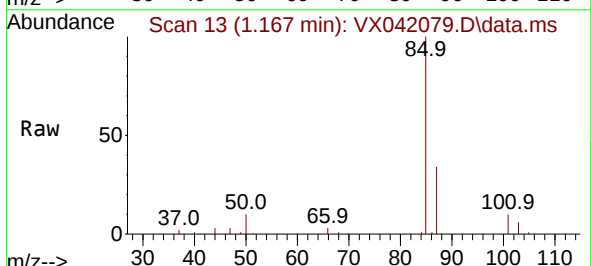
Manual Integrations
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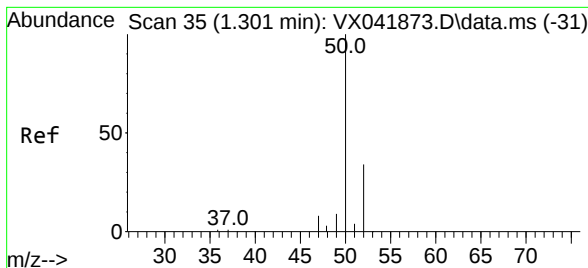
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#2
Dichlorodifluoromethane
Concen: 18.007 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 85 Resp: 35372
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.3





#3

Chloromethane

Concen: 16.956 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 3723

Ion Ratio Lower Upper

50 100

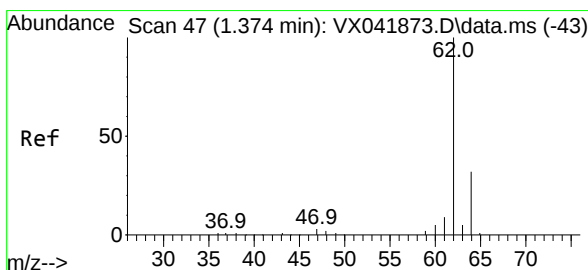
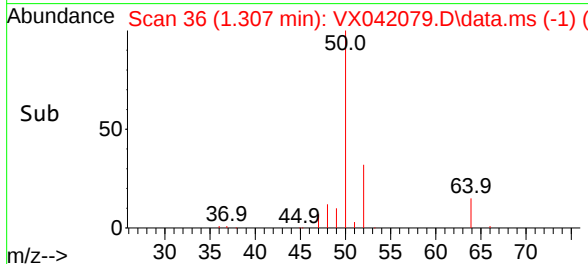
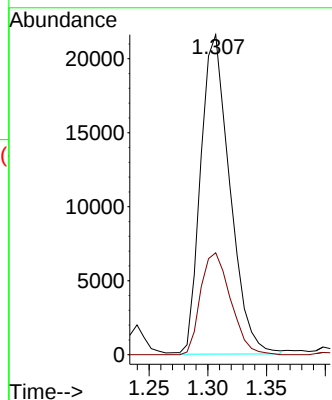
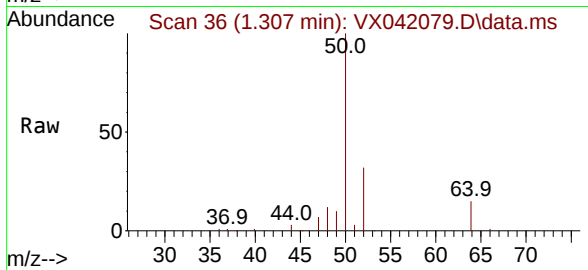
52 32.1 26.9 40.3

Manual Integrations

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Supervised By :Mahesh Dadoda 07/01/2024



#4

Vinyl Chloride

Concen: 17.243 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX042079.D

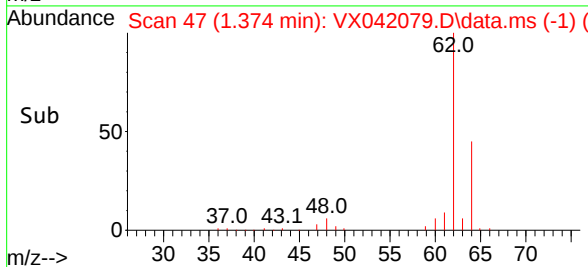
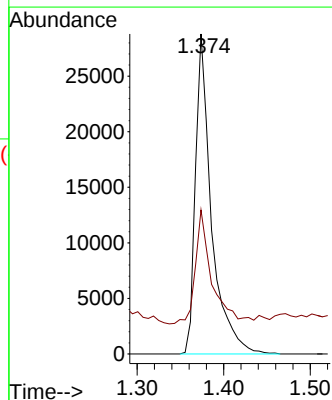
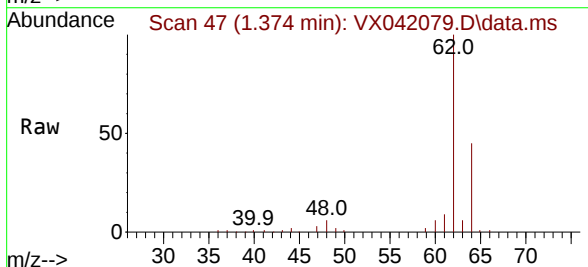
Acq: 27 Jun 2024 16:58

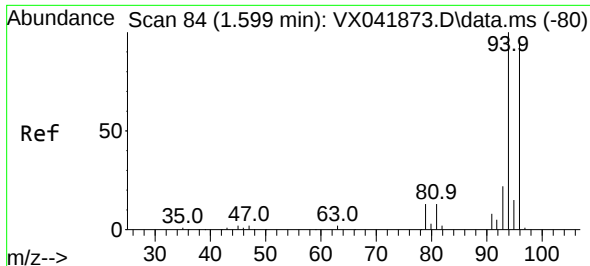
Tgt Ion: 62 Resp: 37026

Ion Ratio Lower Upper

62 100

64 34.2 26.1 39.1





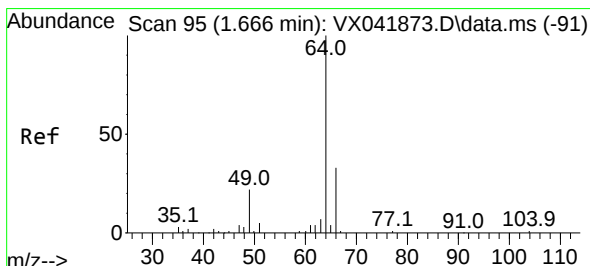
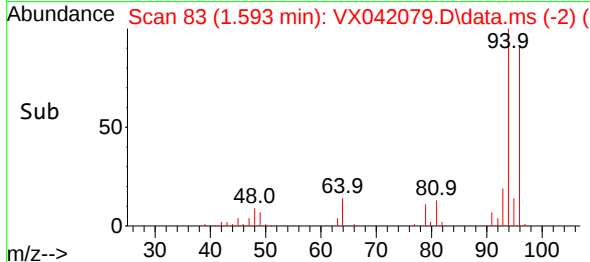
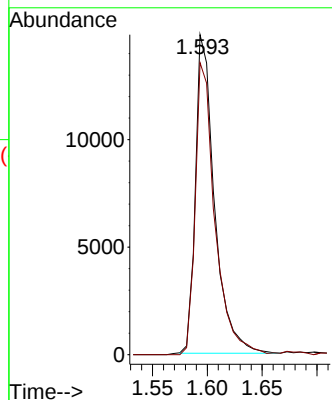
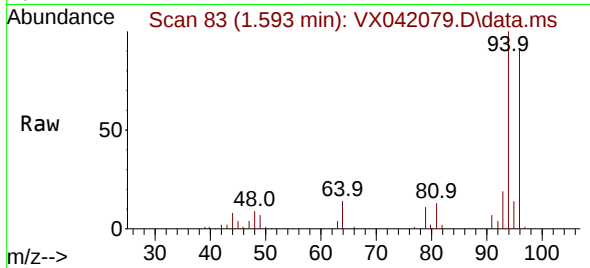
#5
Bromomethane
Concen: 15.613 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 1792
Ion Ratio Lower Upper
94 100
96 91.6 76.6 115.0

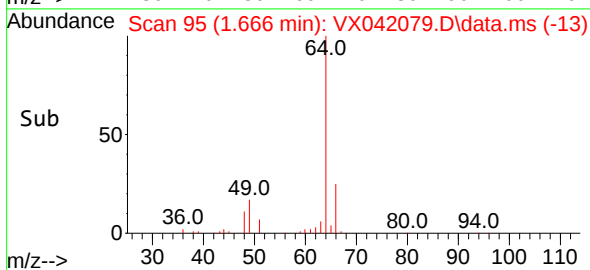
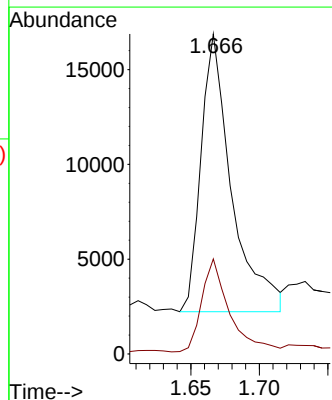
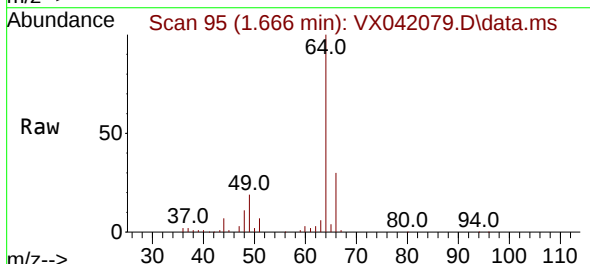
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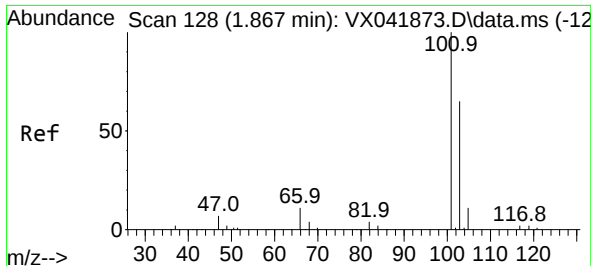
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#6
Chloroethane
Concen: 24.841 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

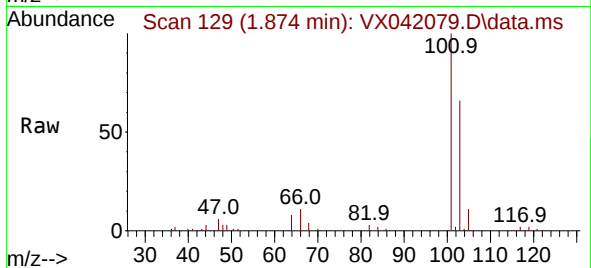
Tgt Ion: 64 Resp: 22790
Ion Ratio Lower Upper
64 100
66 33.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.086 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

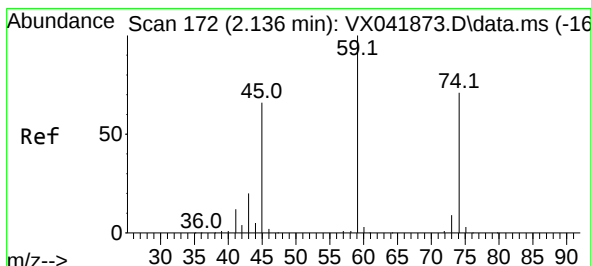
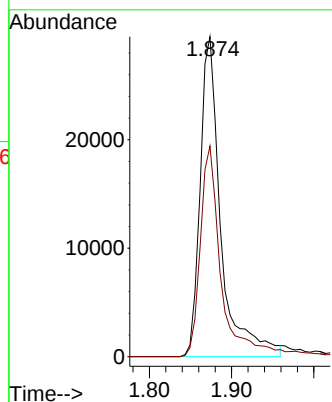
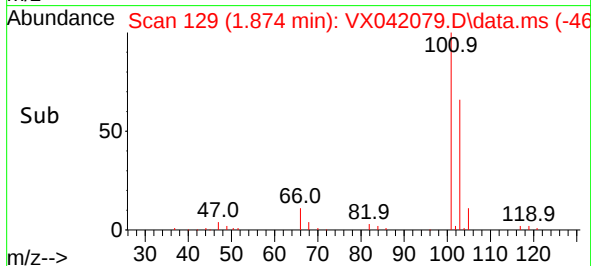
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MSVOA_X
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Tgt Ion:101 Resp: 51614
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

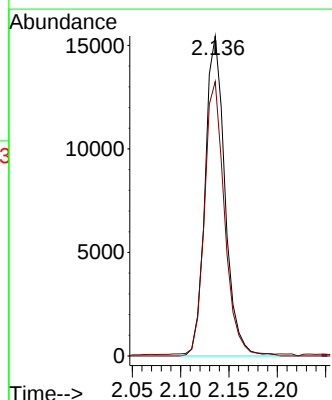
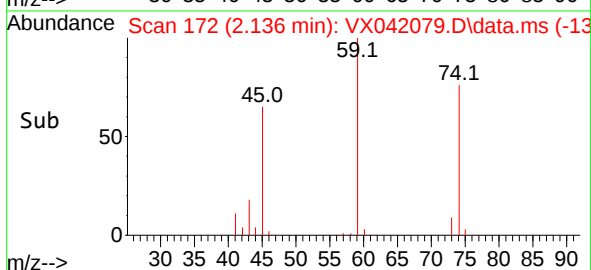
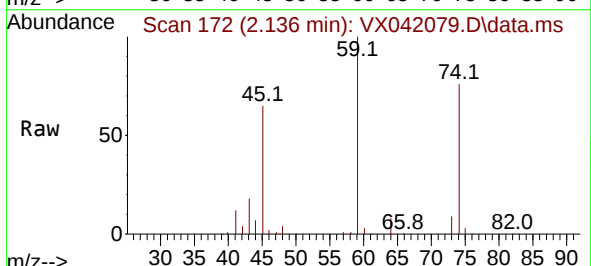
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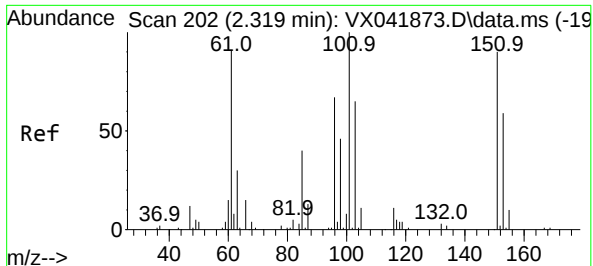
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#8
Diethyl Ether
Concen: 18.809 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 74 Resp: 22013
Ion Ratio Lower Upper
74 100
45 85.3 18.7 168.7





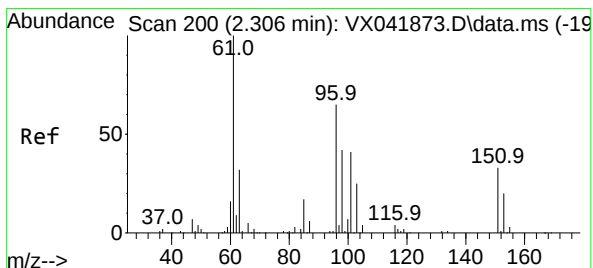
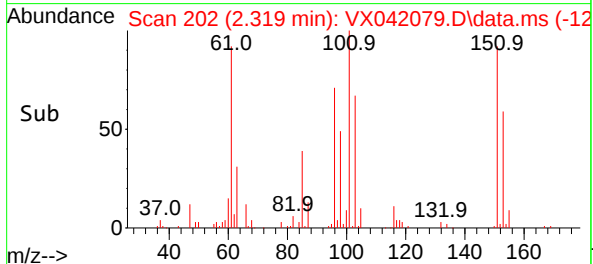
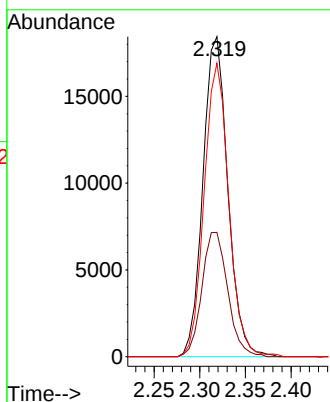
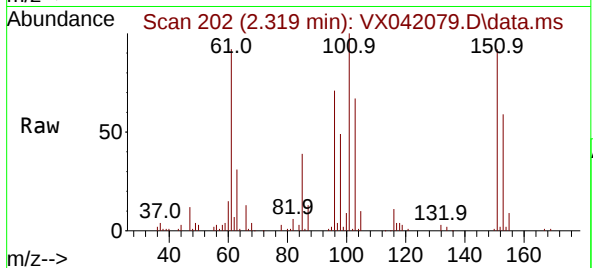
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1,1,2-Trichlorotrifluoroethane
Concen: 18.984 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 34900
Ion Ratio Lower Upper
101 100
85 40.3 0.0 80.4
151 90.4 0.0 175.2

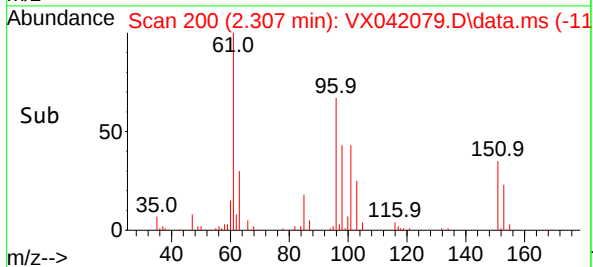
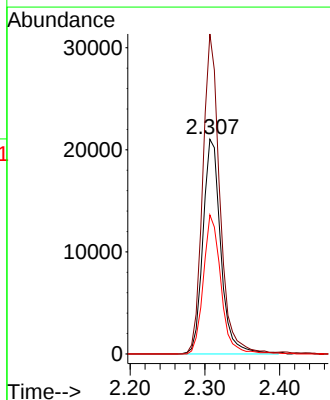
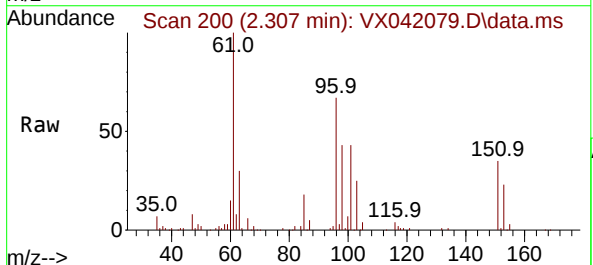
Manual Integrations
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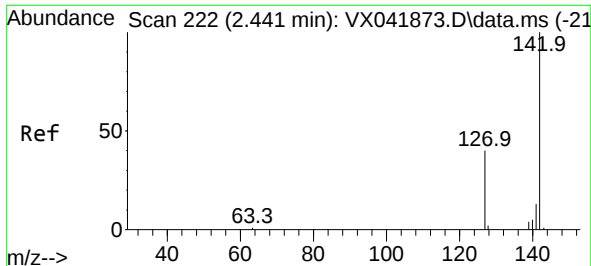
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#10
1,1-Dichloroethene
Concen: 18.824 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 96 Resp: 34910
Ion Ratio Lower Upper
96 100
61 149.0 122.3 183.5
98 64.8 51.5 77.3





#11

Methyl Iodide

Concen: 17.820 ug/l

RT: 2.441 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:142 Resp: 4301

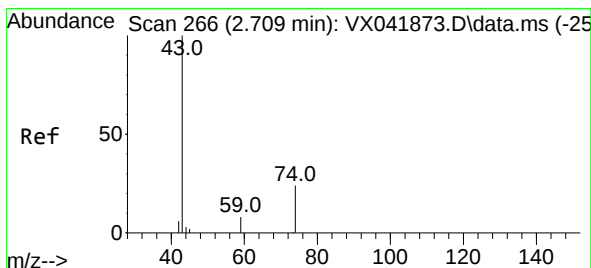
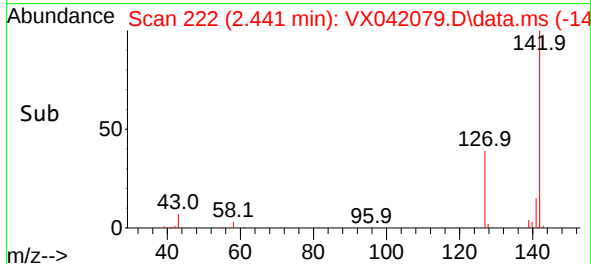
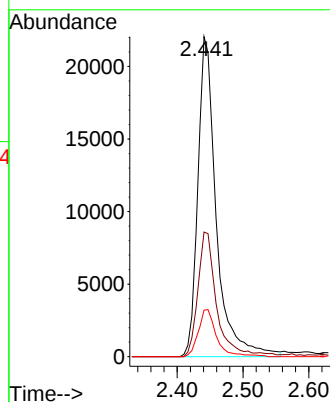
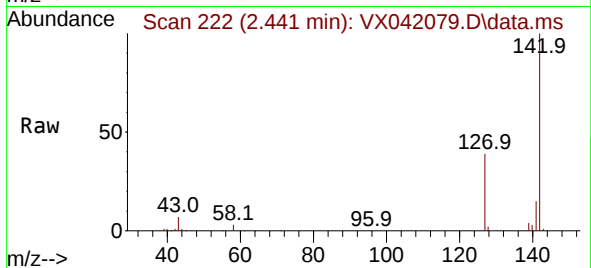
Ion	Ratio	Lower	Upper
142	100		
127	38.9	19.8	59.3
141	14.7	6.7	20.1

Manual Integrations

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Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#12

Methyl Acetate

Concen: 20.802 ug/l

RT: 2.709 min Scan# 266

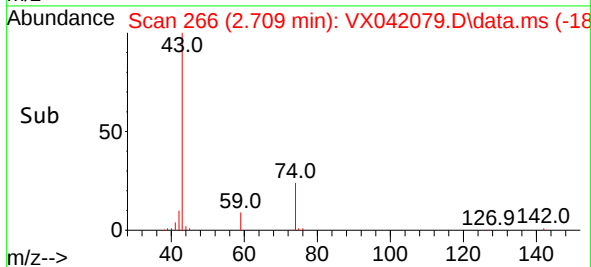
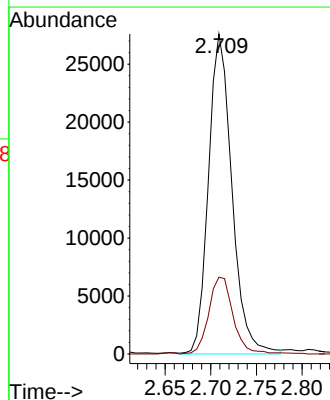
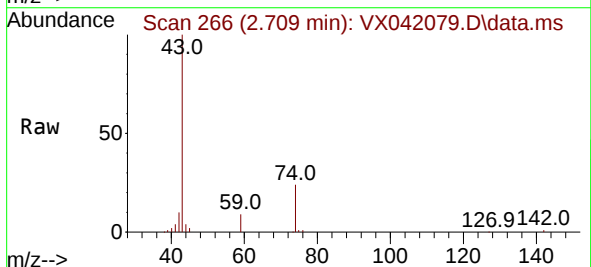
Delta R.T. 0.000 min

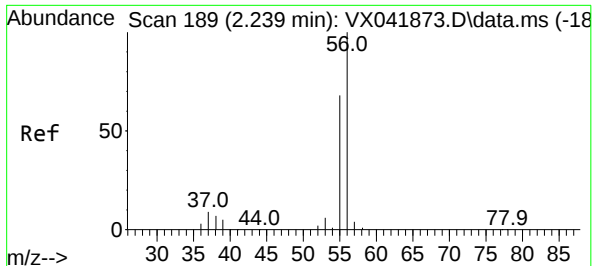
Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Tgt Ion: 43 Resp: 49184

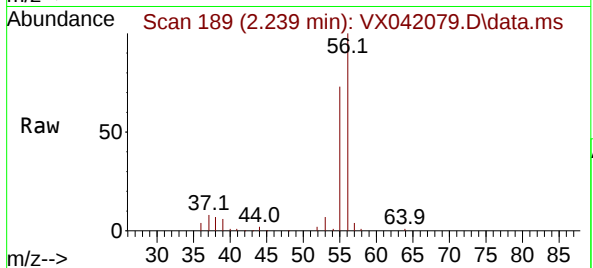
Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





#13
Acrolein
Concen: 76.245 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

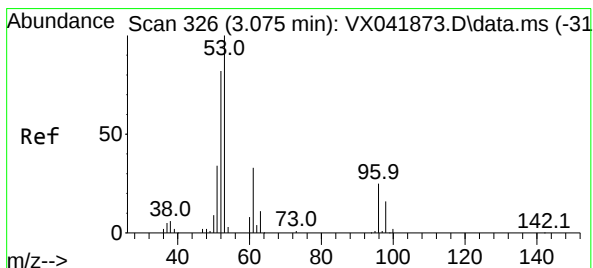
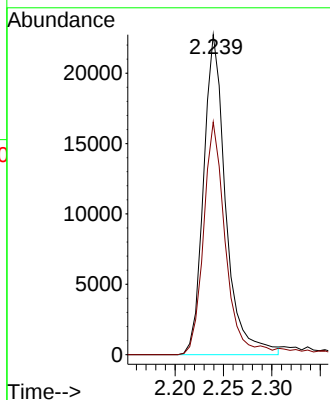
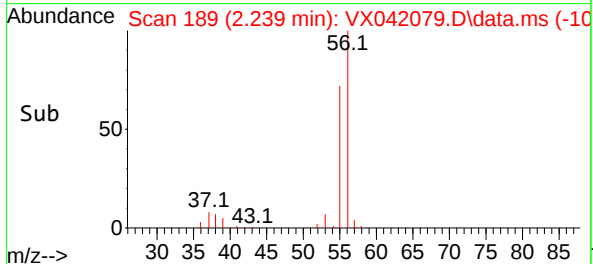
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



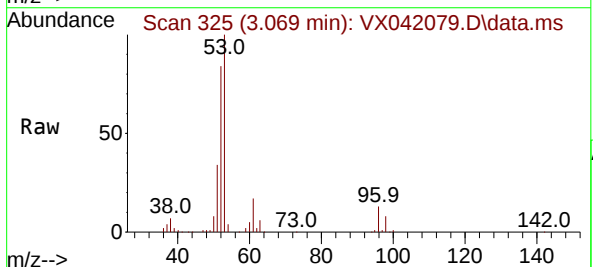
Tgt Ion: 56 Resp: 36349
Ion Ratio Lower Upper
56 100
55 69.7 55.4 83.0

Manual Integrations
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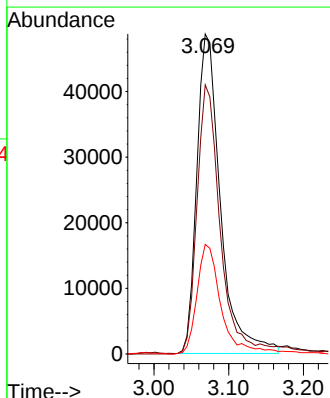
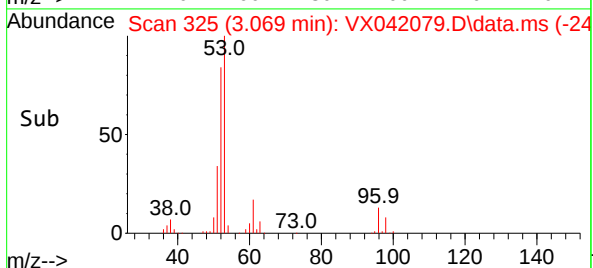
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

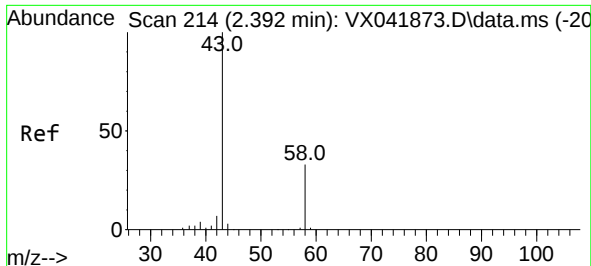


#14
Acrylonitrile
Concen: 95.484 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



Tgt Ion: 53 Resp: 107153
Ion Ratio Lower Upper
53 100
52 80.5 39.9 119.7
51 32.1 17.4 52.3





#15

Acetone

Concen: 87.556 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 28108

Ion Ratio Lower Upper

58 100

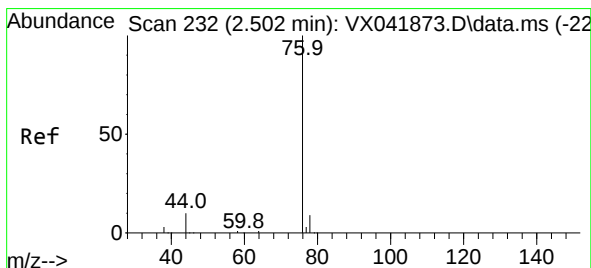
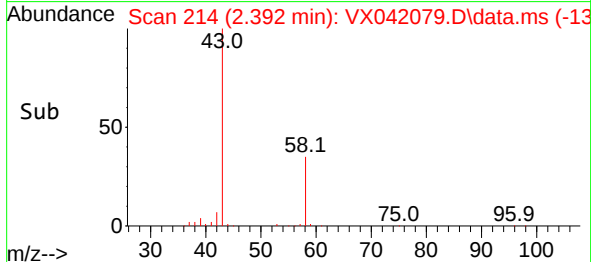
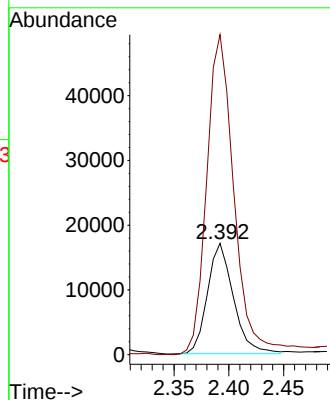
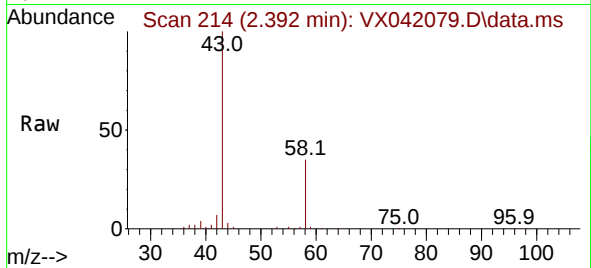
43 289.3 243.4 365.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#16

Carbon Disulfide

Concen: 17.716 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042079.D

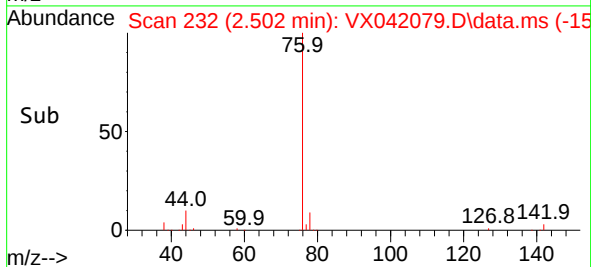
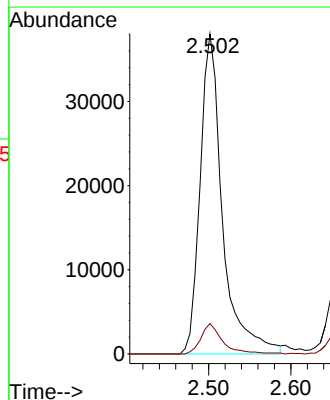
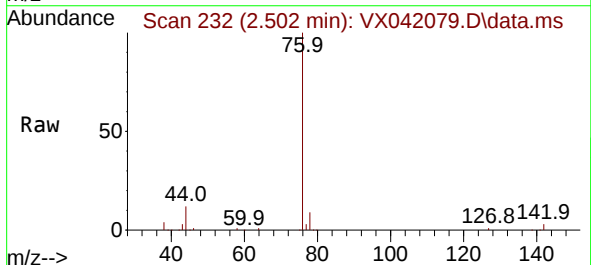
Acq: 27 Jun 2024 16:58

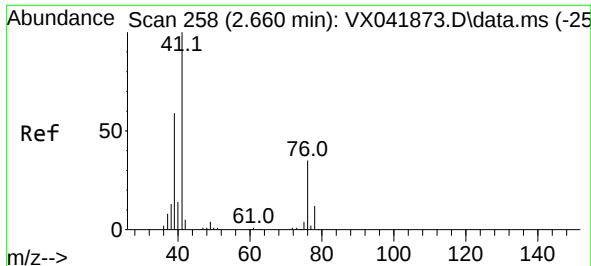
Tgt Ion: 76 Resp: 72003

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#17
 Allyl chloride
 Concen: 18.795 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX042079.D
 Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

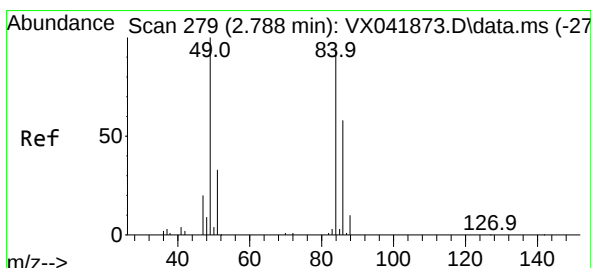
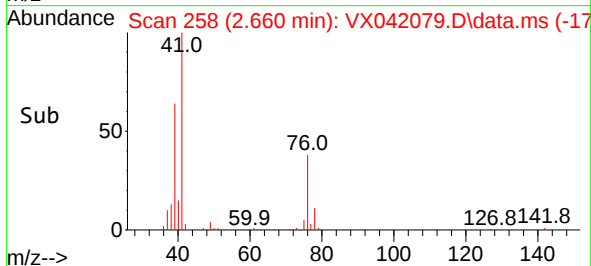
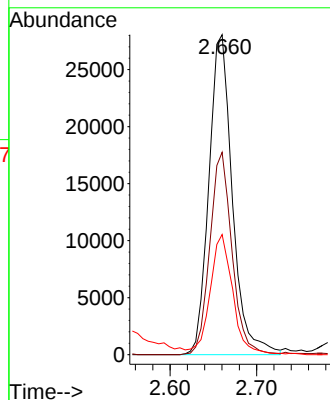
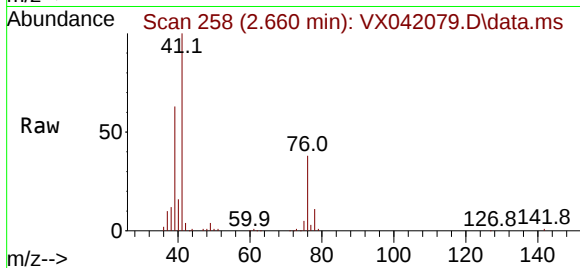
Tgt Ion: 41 Resp: 52935
 Ion Ratio Lower Upper
 41 100
 39 63.3 29.6 88.8
 76 37.1 18.1 54.4

Manual Integrations

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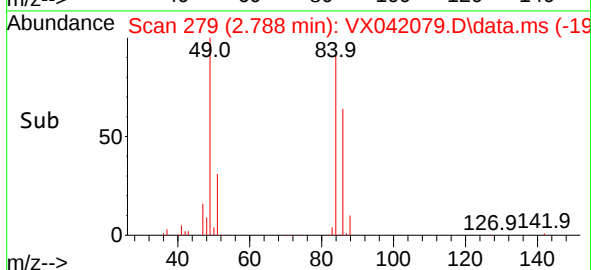
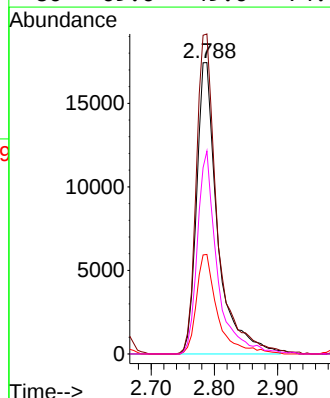
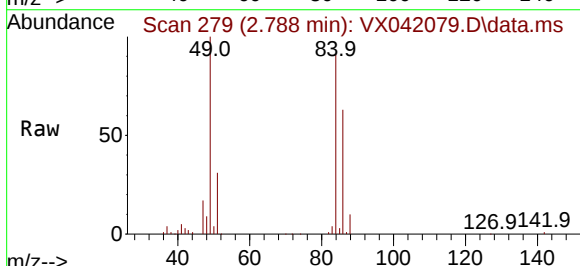
Reviewed By :John Carlone 07/01/2024

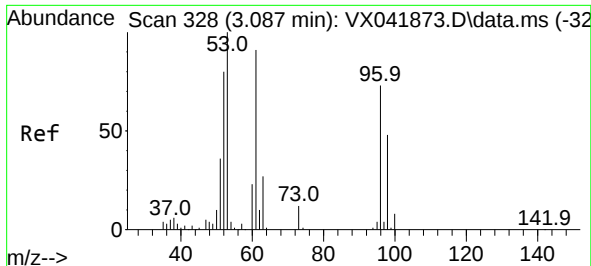
Supervised By :Mahesh Dadoda 07/01/2024



#18
 Methylene Chloride
 Concen: 19.026 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX042079.D
 Acq: 27 Jun 2024 16:58

Tgt Ion: 84 Resp: 40472
 Ion Ratio Lower Upper
 84 100
 49 109.4 85.3 127.9
 51 34.2 28.5 42.7
 86 69.6 49.6 74.4





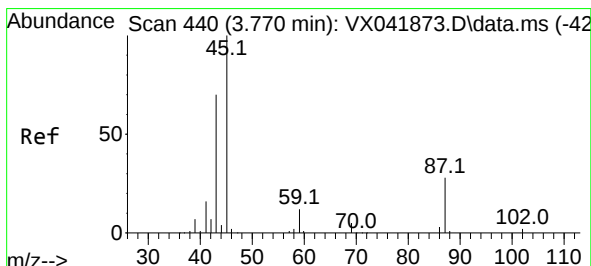
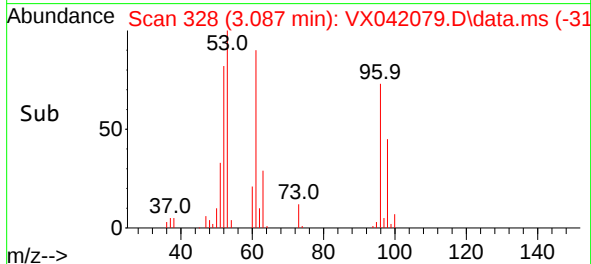
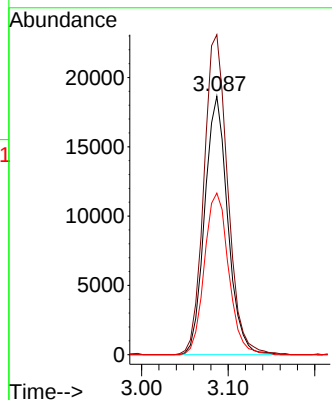
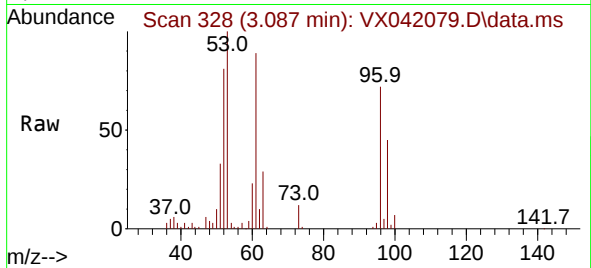
#19
trans-1,2-Dichloroethene
Concen: 18.572 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 3450
Ion Ratio Lower Upper
96 100
61 123.5 100.1 150.1
98 62.6 52.1 78.1

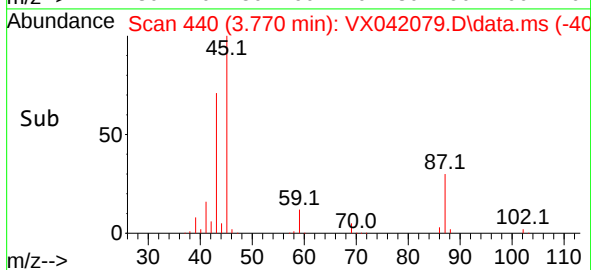
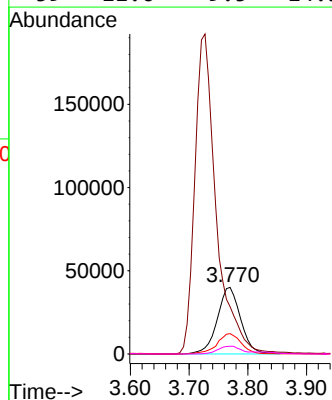
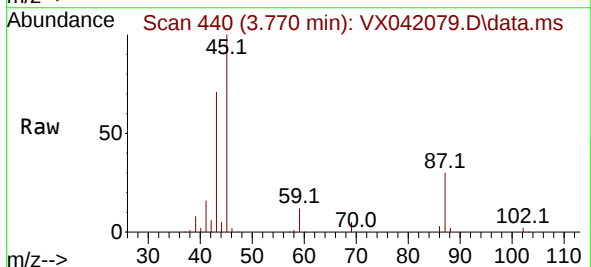
Manual Integrations
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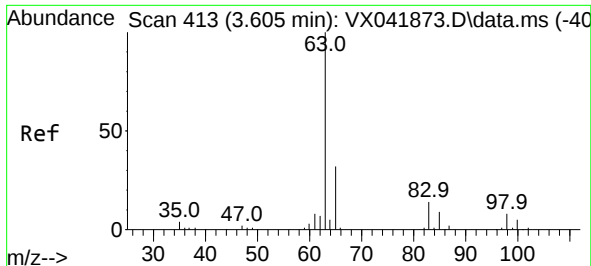
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#20
Diisopropyl ether
Concen: 19.059 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 45 Resp: 110335
Ion Ratio Lower Upper
45 100
43 69.1 55.8 83.8
87 30.5 22.6 34.0
59 11.6 9.5 14.3





#21

1,1-Dichloroethane

Concen: 19.146 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 63314

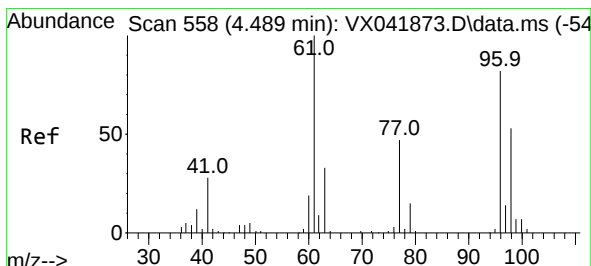
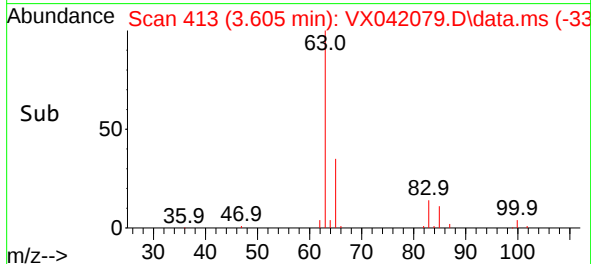
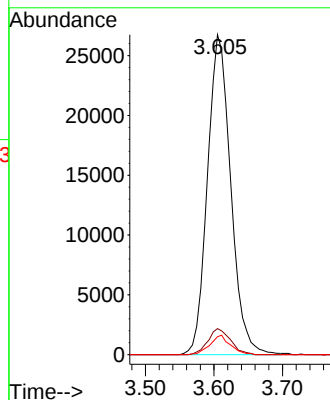
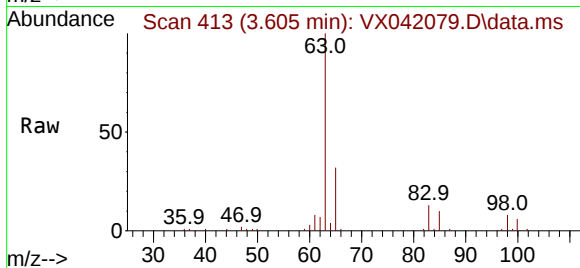
Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.2	12.4
100	5.6	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#22

cis-1,2-Dichloroethene

Concen: 19.482 ug/l

RT: 4.489 min Scan# 558

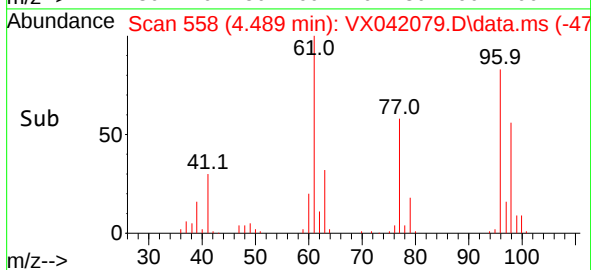
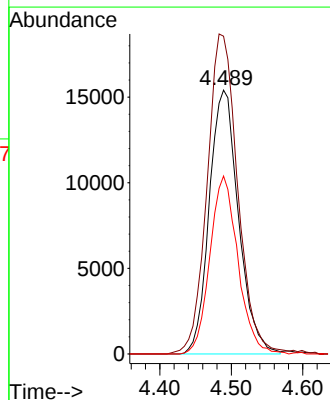
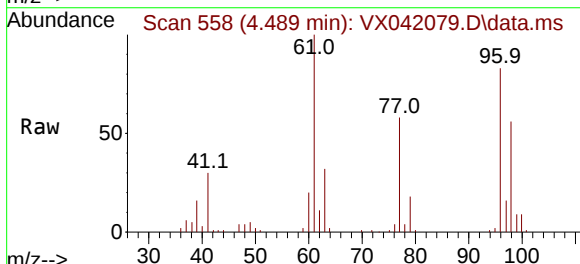
Delta R.T. 0.000 min

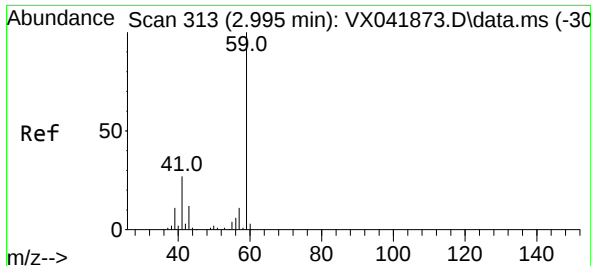
Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Tgt Ion: 96 Resp: 43811

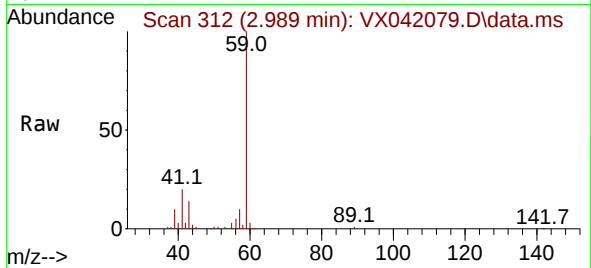
Ion	Ratio	Lower	Upper
96	100		
61	126.7	103.3	154.9
98	64.6	52.2	78.2





#23
tert-Butyl Alcohol
Concen: 97.931 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

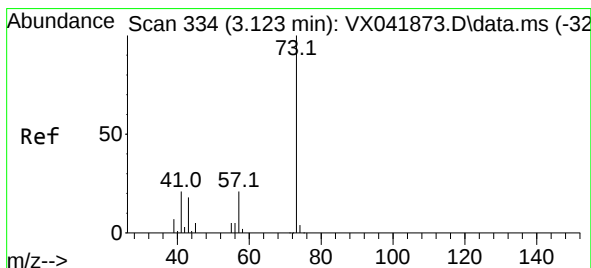
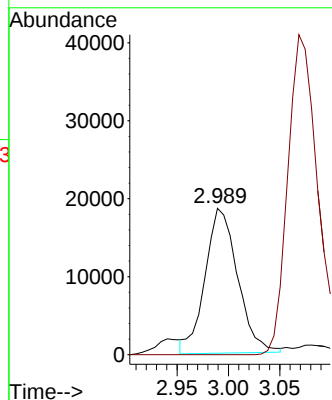
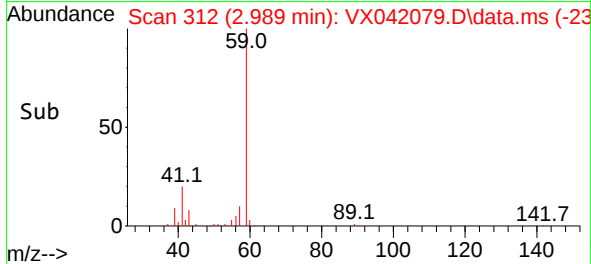
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 40859
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

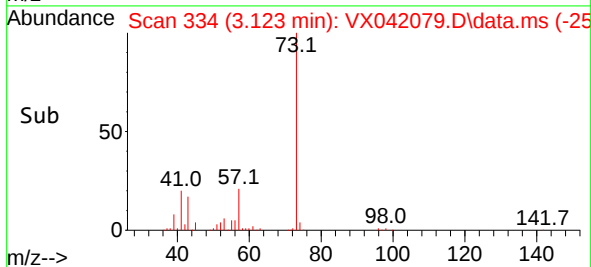
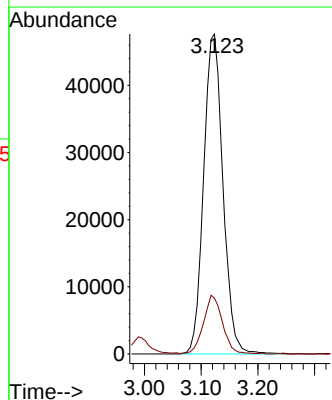
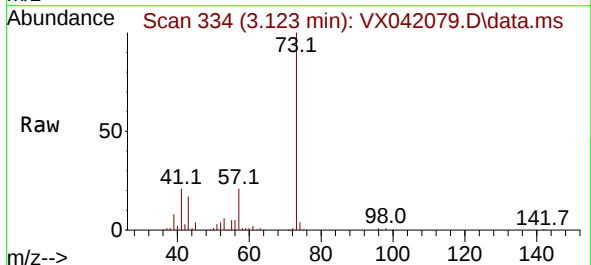
Manual Integrations
APPROVED

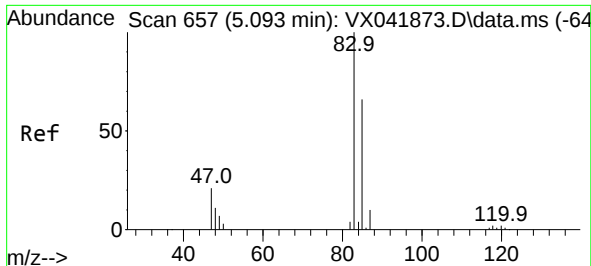
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#24
Methyl tert-Butyl Ether
Concen: 19.651 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 73 Resp: 112729
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7





#25

Chloroform

Concen: 19.513 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 65579

Ion Ratio Lower Upper

83 100

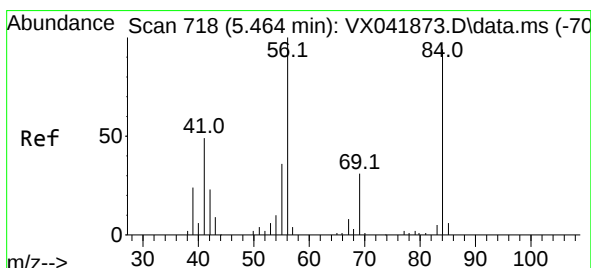
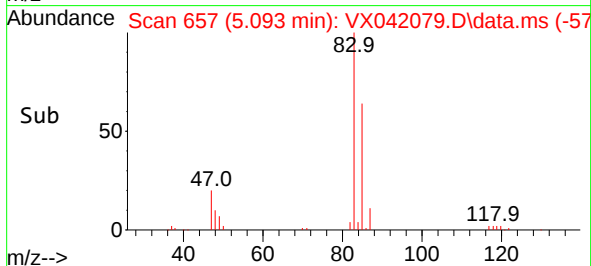
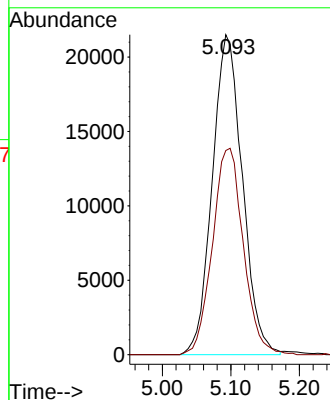
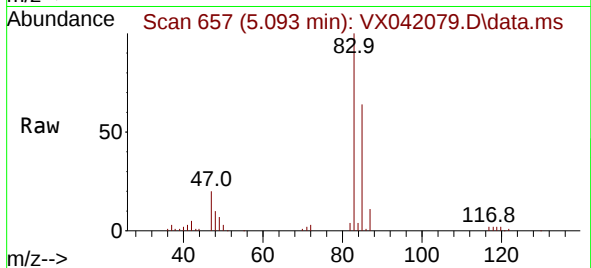
85 63.8 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#26

Cyclohexane

Concen: 18.311 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

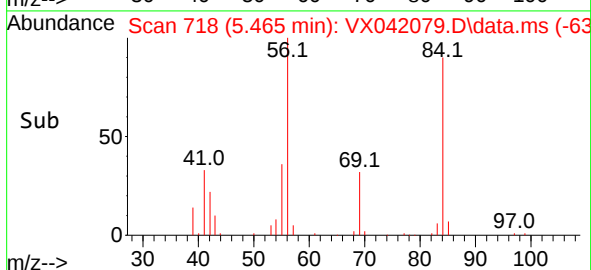
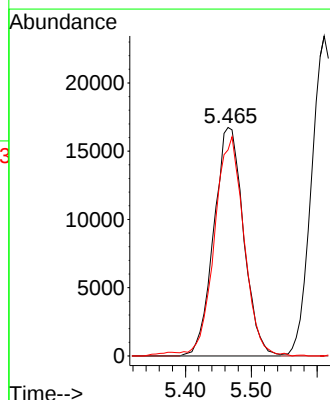
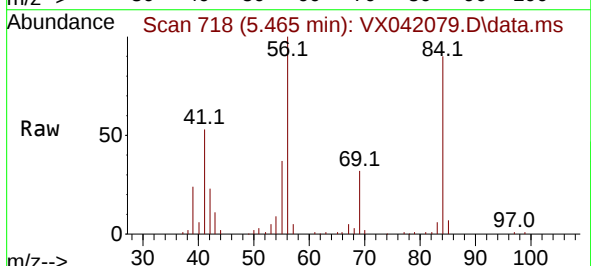
Tgt Ion: 56 Resp: 52594

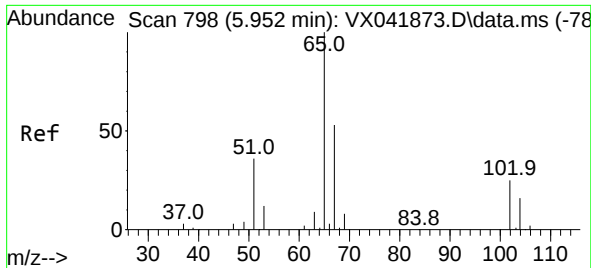
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.7 73.1 109.7





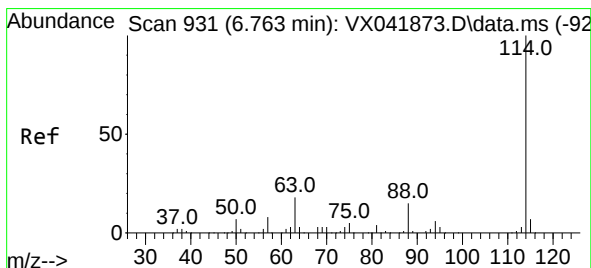
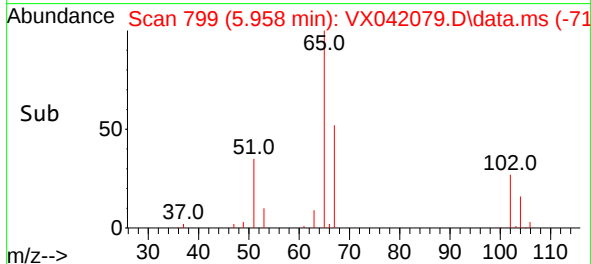
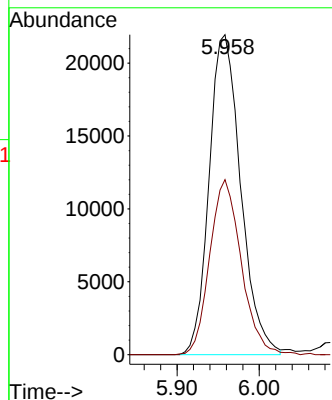
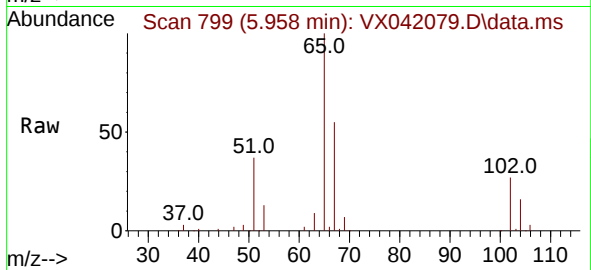
#27
1,2-Dichloroethane-d4
Concen: 28.086 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 58670
Ion Ratio Lower Upper
65 100
67 54.4 43.4 65.0

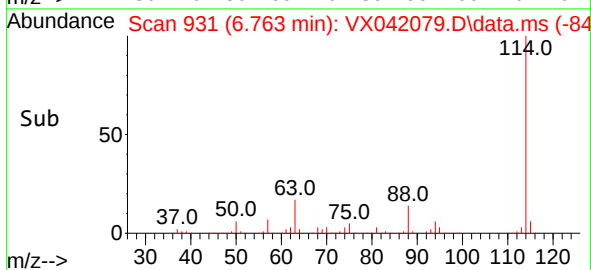
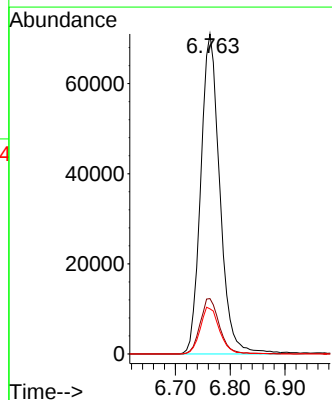
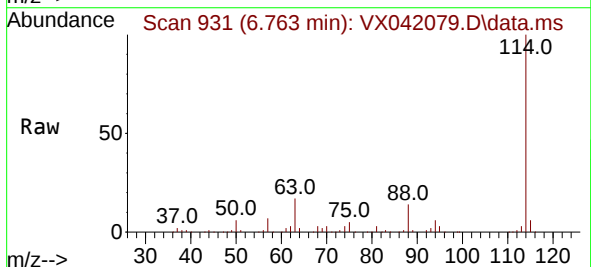
Manual Integrations
APPROVED

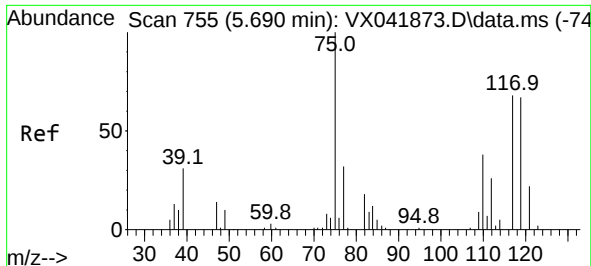
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion:114 Resp: 171450
Ion Ratio Lower Upper
114 100
63 17.5 14.6 21.8
88 14.7 11.8 17.8





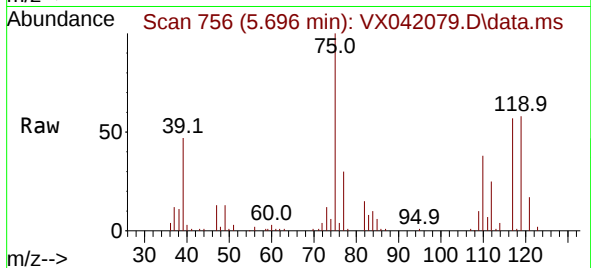
#29
1,1-Dichloropropene
Concen: 19.342 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



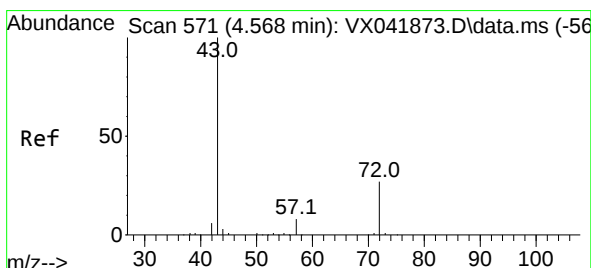
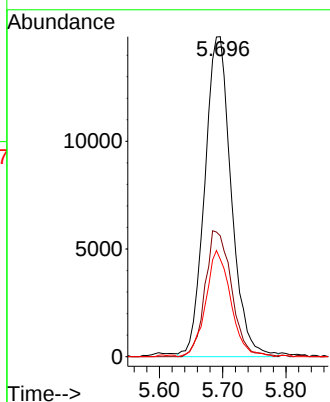
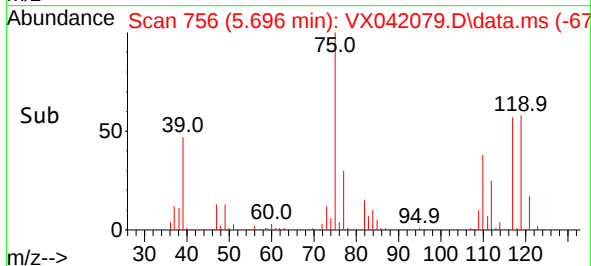
Tgt Ion: 75 Resp: 4328
Ion Ratio Lower Upper
75 100
110 39.2 0.0 80.2
77 31.3 0.0 65.2

Manual Integrations

APPROVED

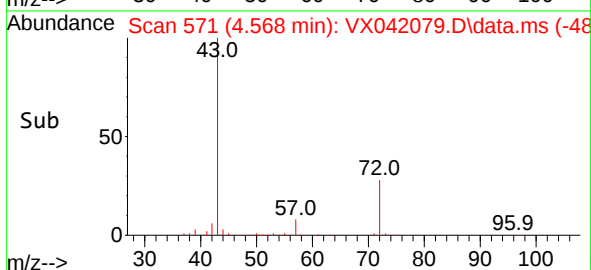
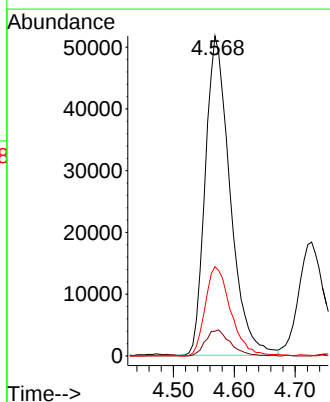
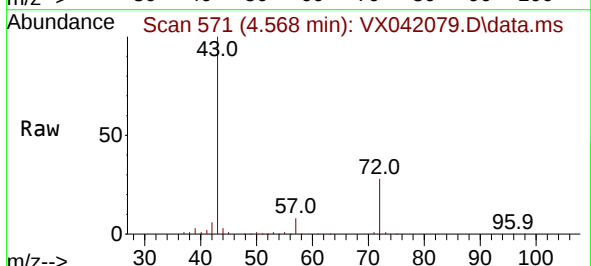
Reviewed By :John Carlone 07/01/2024

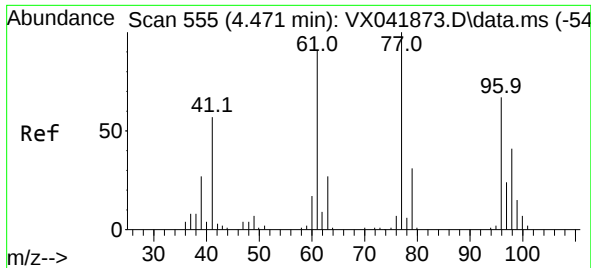
Supervised By :Mahesh Dadoda 07/01/2024



#30
2-Butanone
Concen: 97.940 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

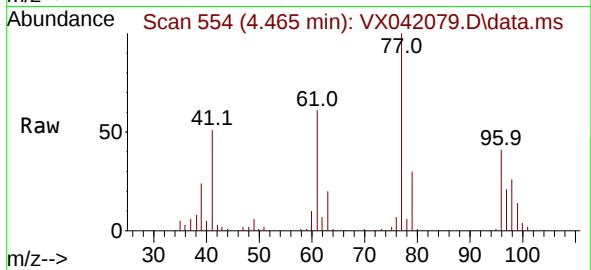
Tgt Ion: 43 Resp: 146438
Ion Ratio Lower Upper
43 100
57 8.1 6.5 9.7
72 28.7 22.0 33.0





#31
2,2-Dichloropropane
Concen: 18.956 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

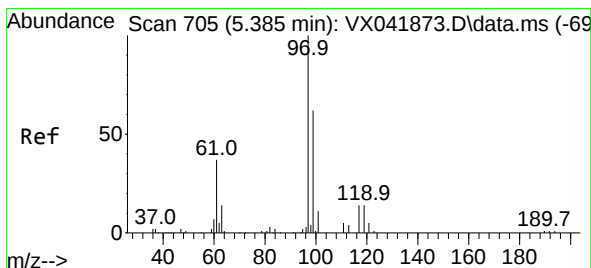
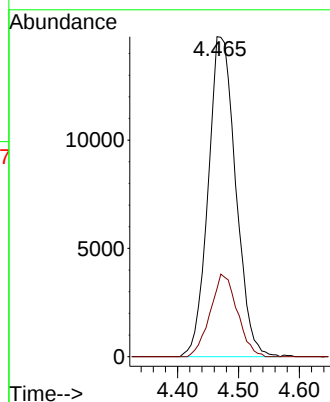
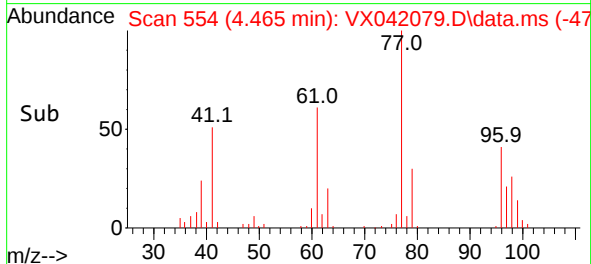
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 46478
Ion Ratio Lower Upper
77 100
97 25.3 20.2 30.2

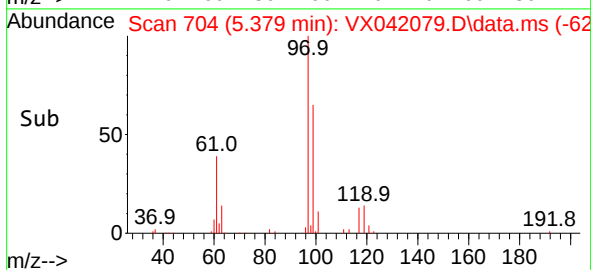
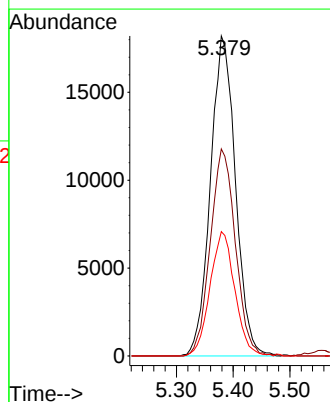
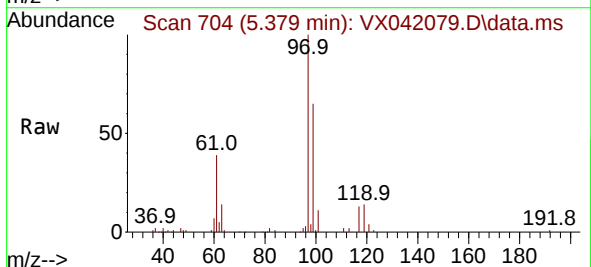
Manual Integrations
APPROVED

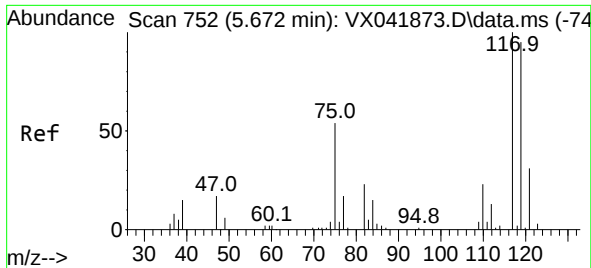
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#32
1,1,1-Trichloroethane
Concen: 19.671 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

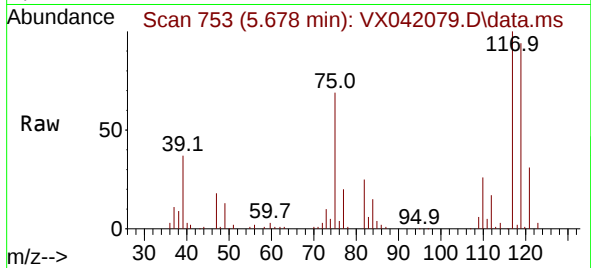
Tgt Ion: 97 Resp: 55798
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 38.4 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.757 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

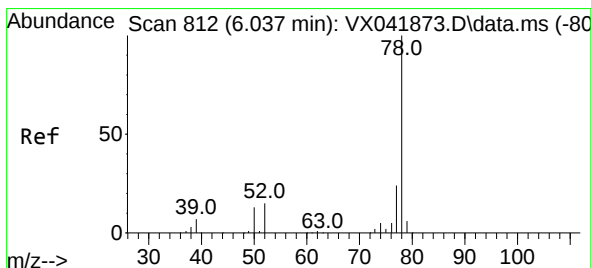
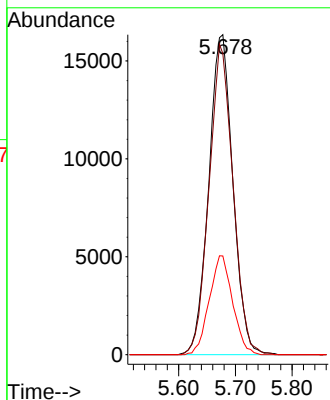
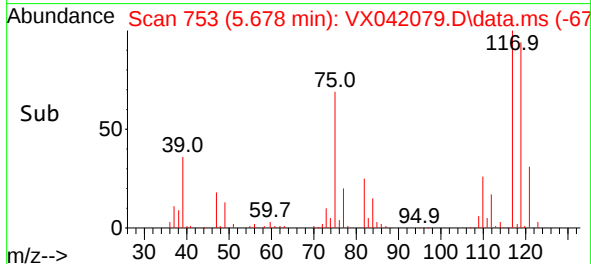
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 48334
Ion Ratio Lower Upper
117 100
119 94.1 75.7 113.5
121 30.9 24.9 37.3

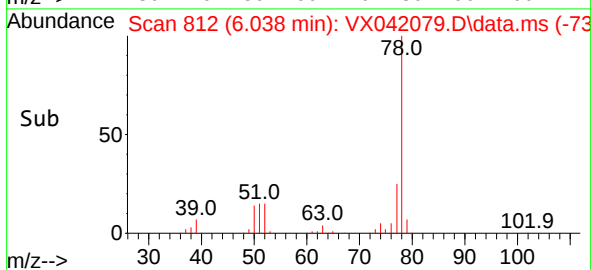
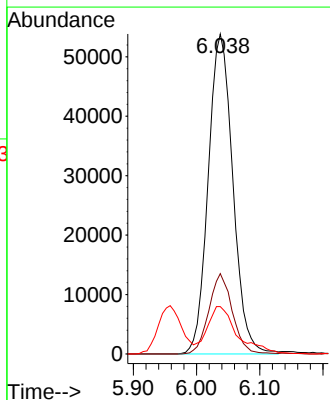
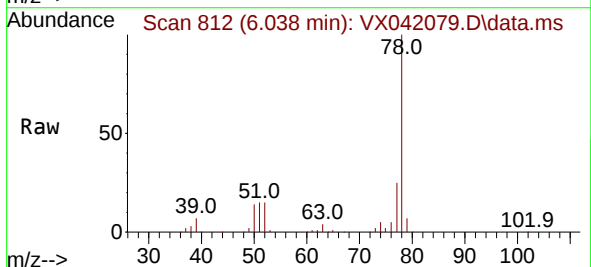
Manual Integrations
APPROVED

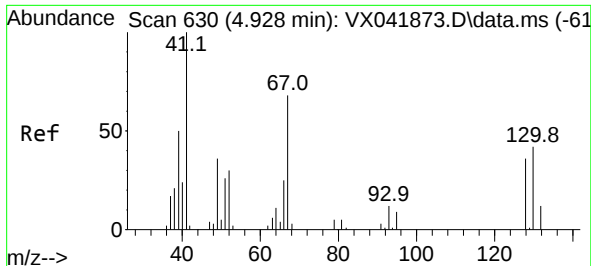
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#34
Benzene
Concen: 19.528 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 78 Resp: 145566
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3
51 14.3 11.8 17.8





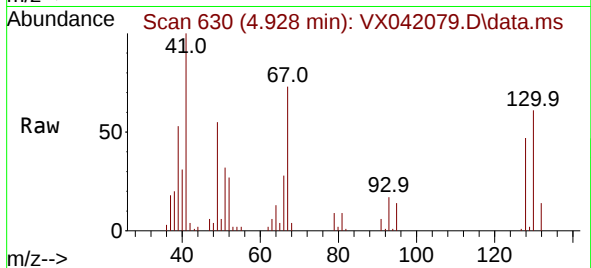
#35
Methacrylonitrile
Concen: 19.541 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



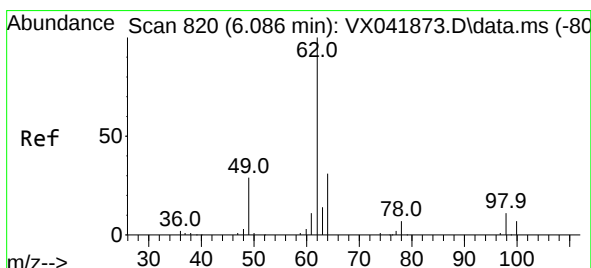
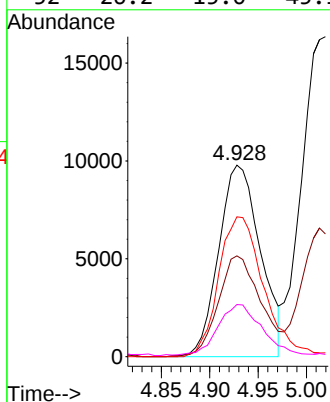
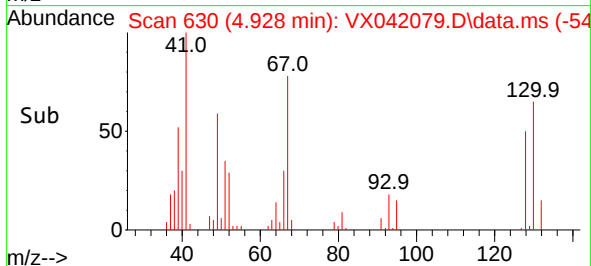
Tgt Ion: 41 Resp: 2934
Ion Ratio Lower Upper
41 100
39 52.1 25.2 75.6
67 73.1 34.2 102.5
52 26.2 15.0 45.1

Manual Integrations

APPROVED

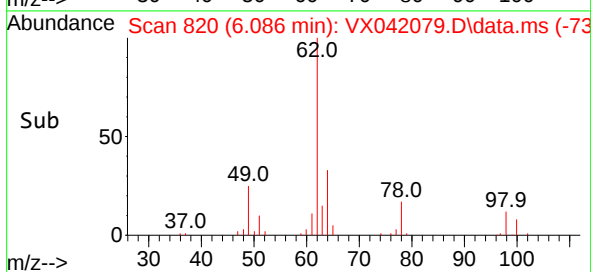
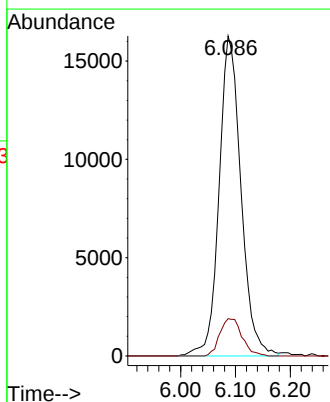
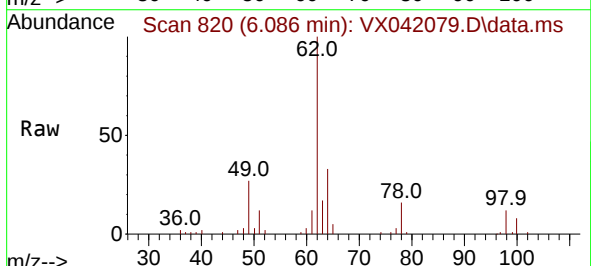
Reviewed By :John Carlone 07/01/2024

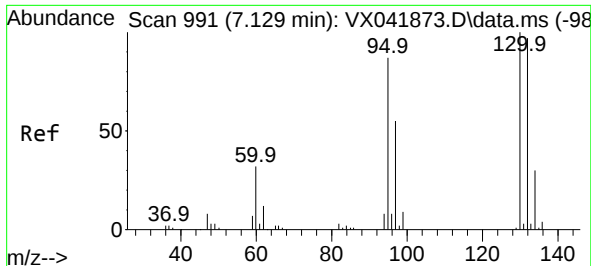
Supervised By :Mahesh Dadoda 07/01/2024



#36
1,2-Dichloroethane
Concen: 19.445 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

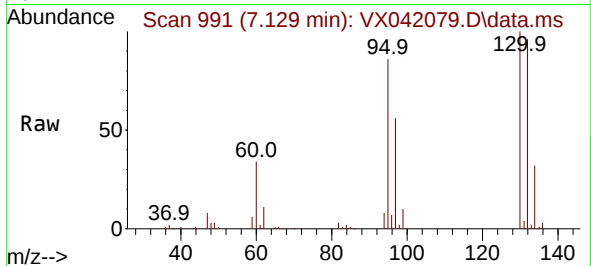
Tgt Ion: 62 Resp: 45155
Ion Ratio Lower Upper
62 100
98 11.9 9.1 13.7





#37
Trichloroethene
Concen: 19.172 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

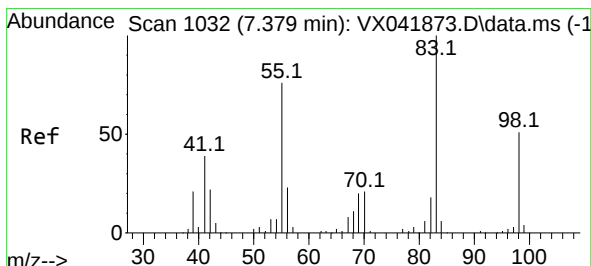
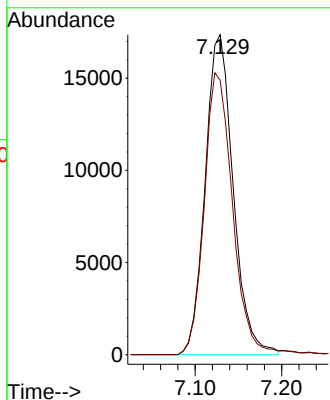
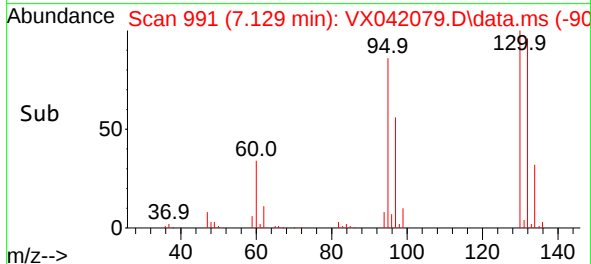
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 39036
Ion Ratio Lower Upper
130 100
95 85.7 69.4 104.0

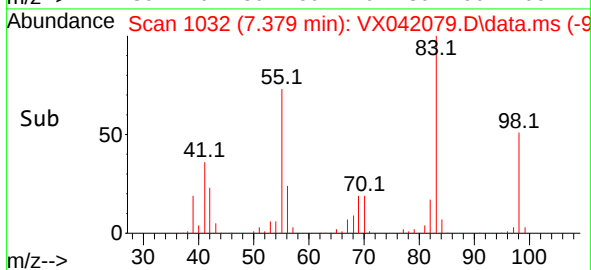
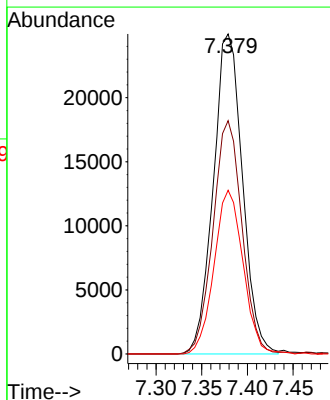
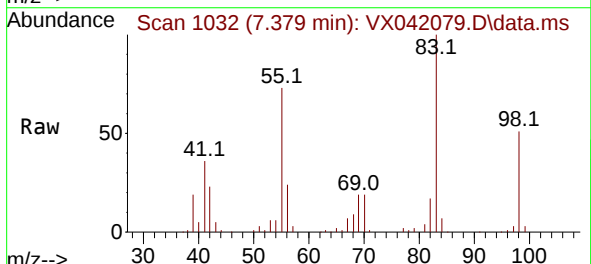
Manual Integrations
APPROVED

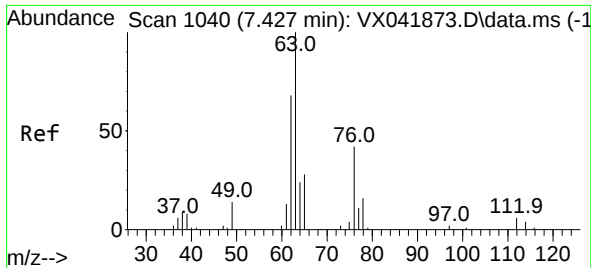
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#38
Methylcyclohexane
Concen: 18.714 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 83 Resp: 55468
Ion Ratio Lower Upper
83 100
55 72.5 37.3 111.9
98 50.9 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.722 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 35020

Ion Ratio Lower Upper

63 100

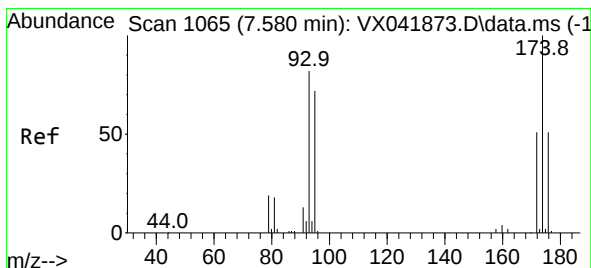
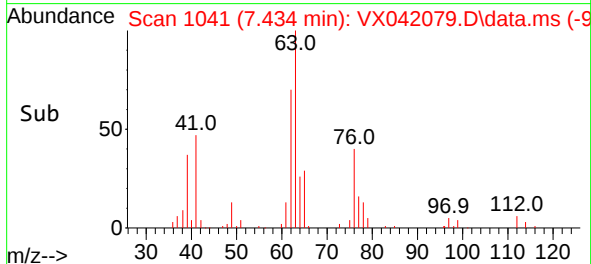
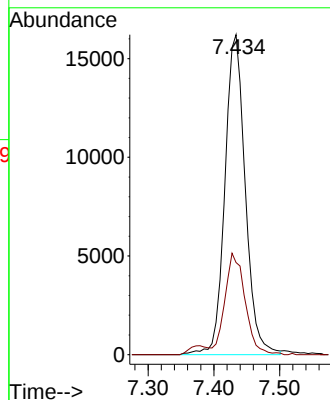
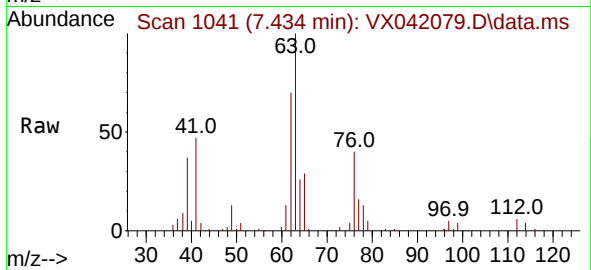
65 28.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#40

Dibromomethane

Concen: 19.722 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

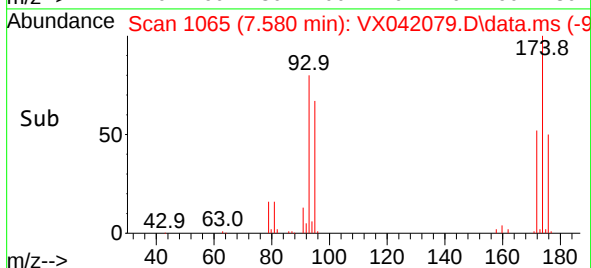
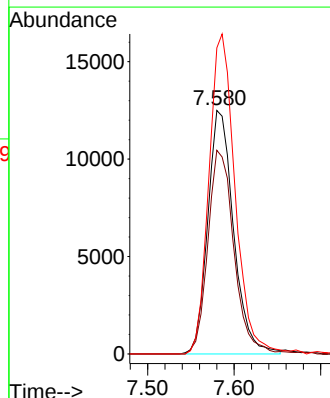
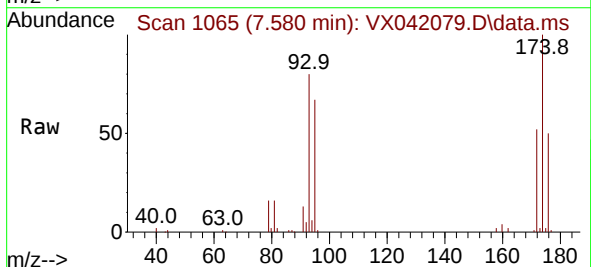
Tgt Ion: 93 Resp: 25906

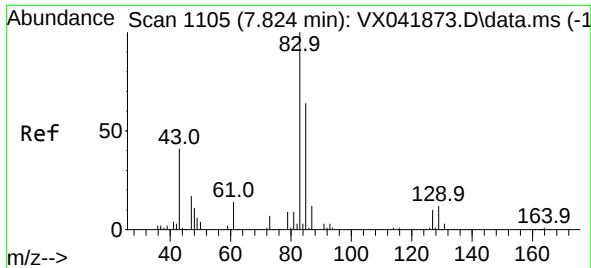
Ion Ratio Lower Upper

93 100

95 84.0 0.0 168.6

174 132.8 0.0 255.0





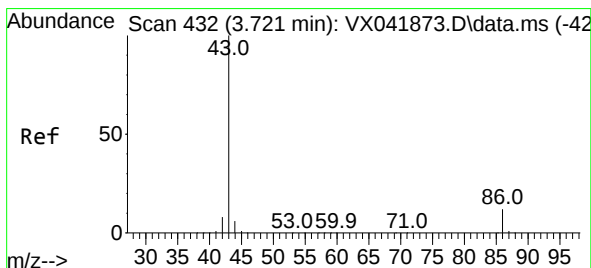
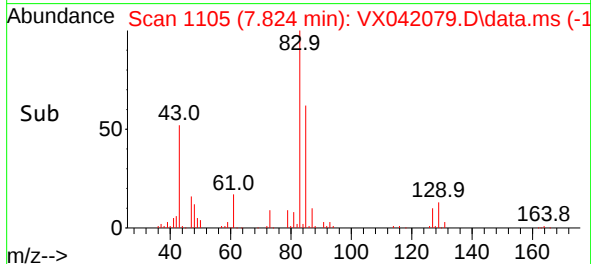
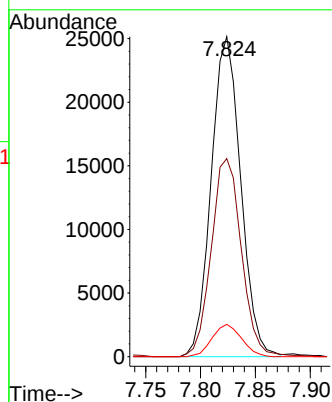
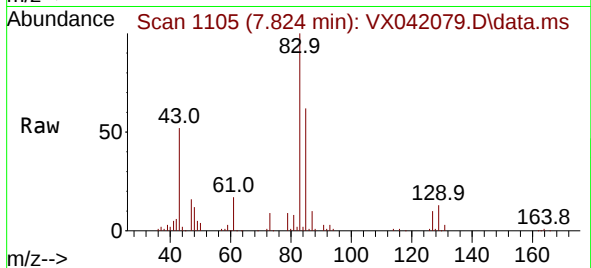
#41
Bromodichloromethane
Concen: 20.006 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 47079
Ion Ratio Lower Upper
83 100
85 61.9 51.1 76.7
127 10.1 8.1 12.1

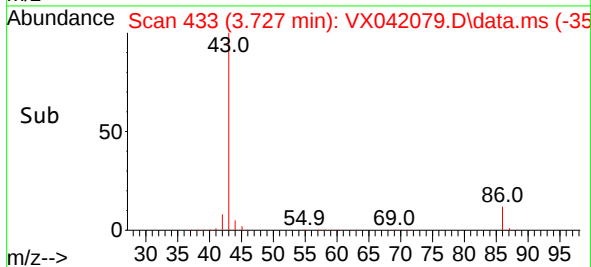
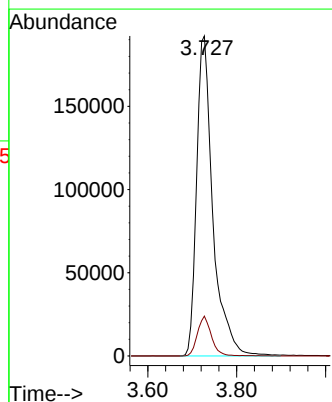
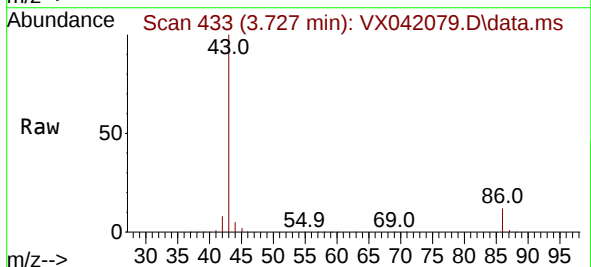
Manual Integrations
APPROVED

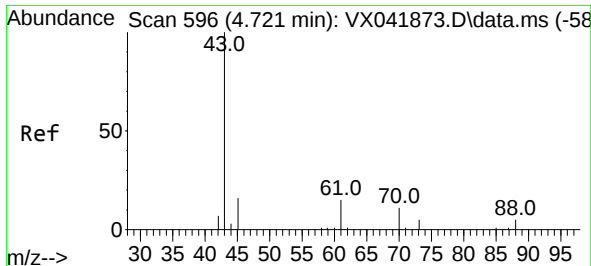
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#42
Vinyl Acetate
Concen: 97.723 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 43 Resp: 489075
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





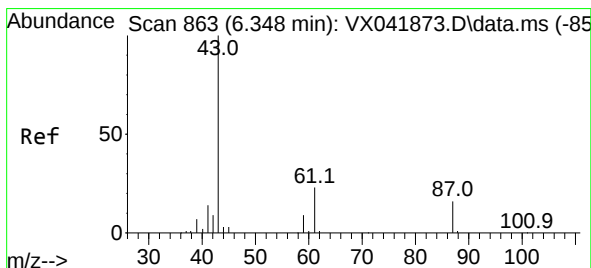
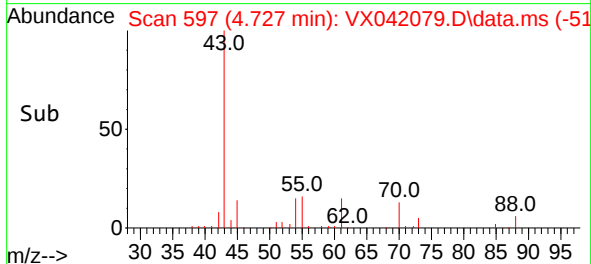
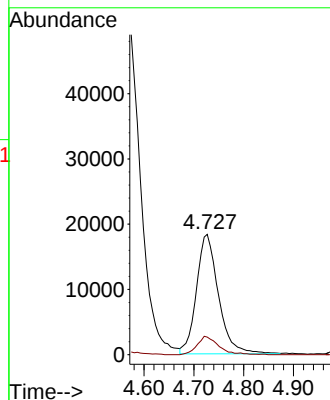
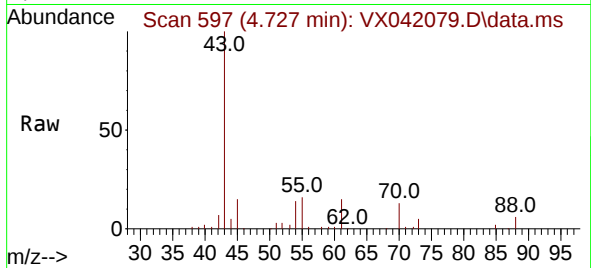
#43
Ethyl Acetate
Concen: 19.971 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 55989
Ion Ratio Lower Upper
43 100
45 14.3 12.4 18.6

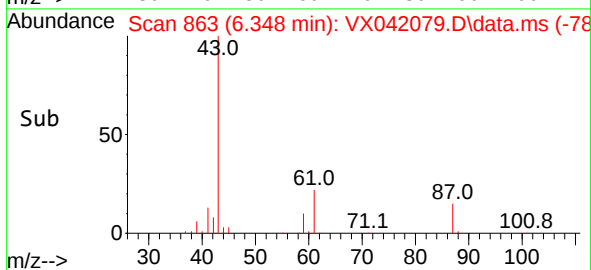
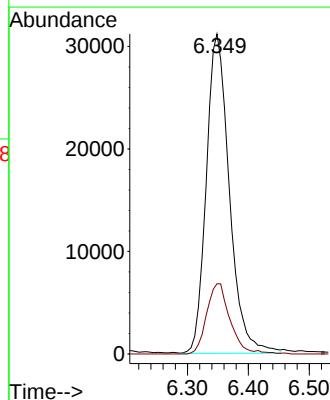
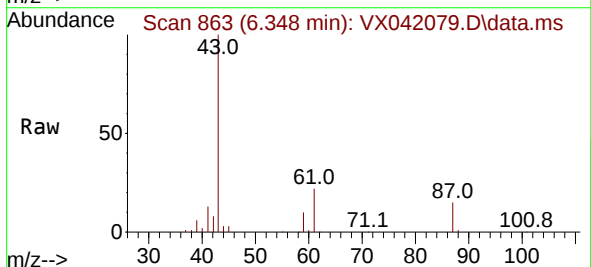
Manual Integrations
APPROVED

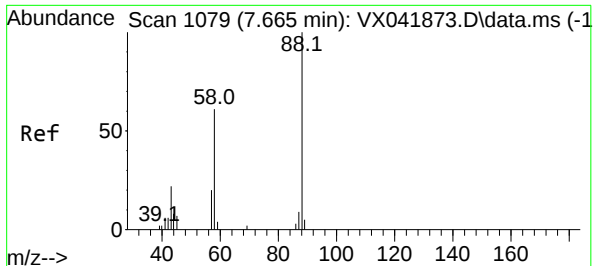
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#44
Isopropyl Acetate
Concen: 19.525 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 43 Resp: 81984
Ion Ratio Lower Upper
43 100
61 21.8 17.4 26.0





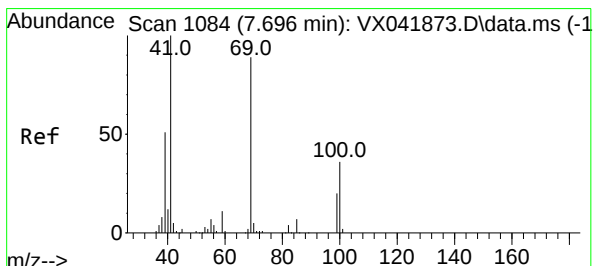
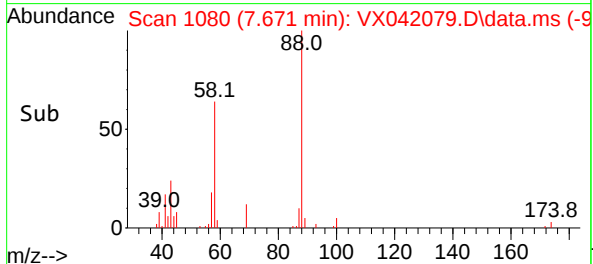
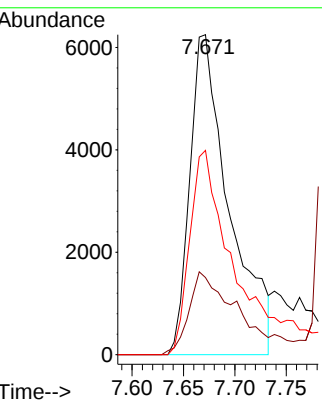
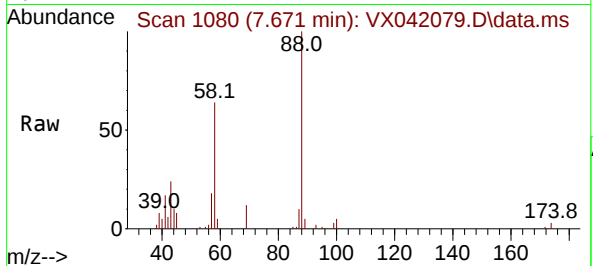
#45
1,4-Dioxane
Concen: 327.042 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 16739
Ion Ratio Lower Upper
88 100
43 22.0 23.2 34.8
58 68.1 52.6 78.8

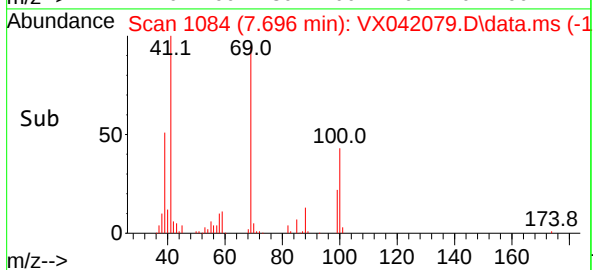
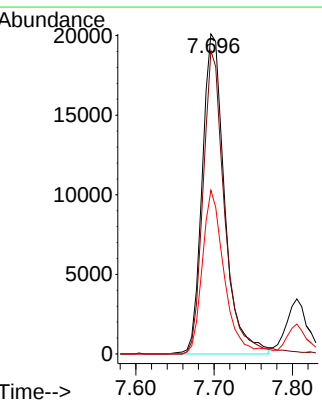
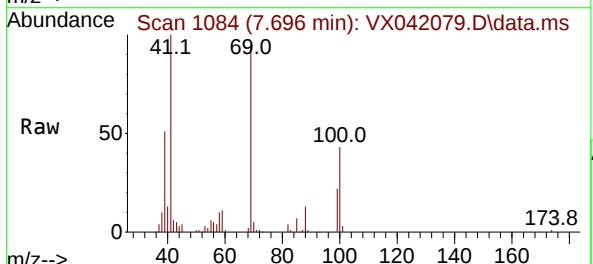
Manual Integrations
APPROVED

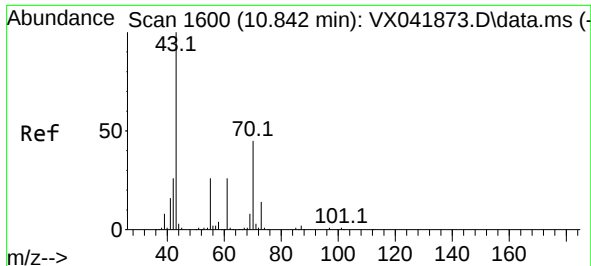
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#46
Methyl methacrylate
Concen: 19.429 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

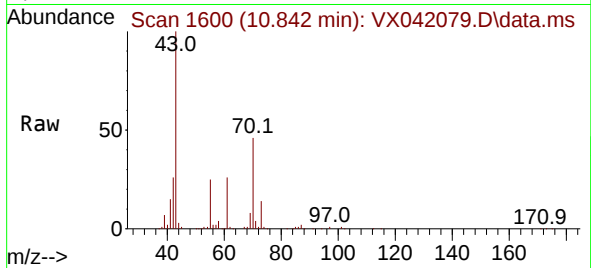
Tgt Ion: 41 Resp: 39888
Ion Ratio Lower Upper
41 100
69 94.7 44.4 133.1
39 51.2 25.5 76.5





#47
n-amy1 Acetate
Concen: 19.138 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

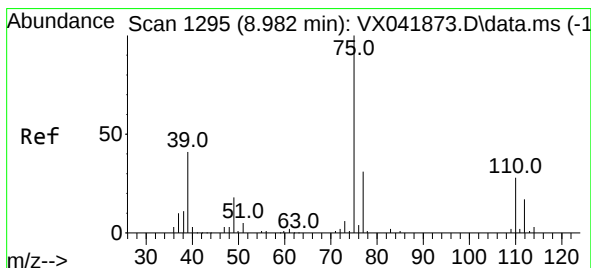
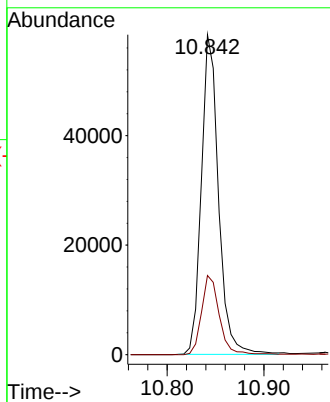
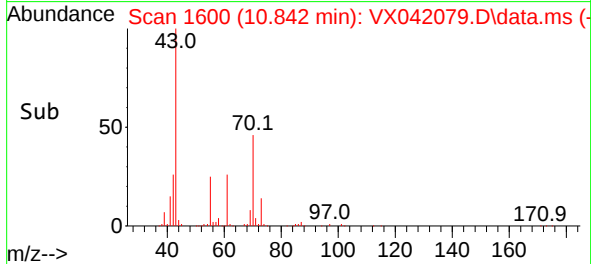
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 7212
Ion Ratio Lower Upper
43 100
55 25.4 21.0 31.4

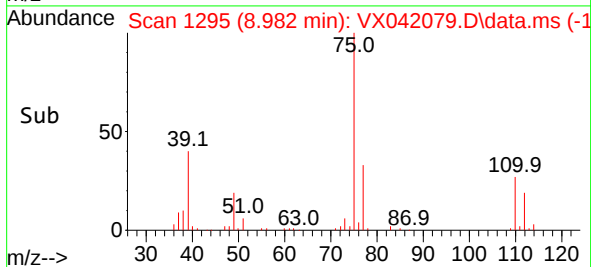
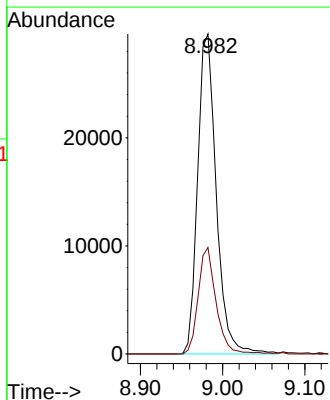
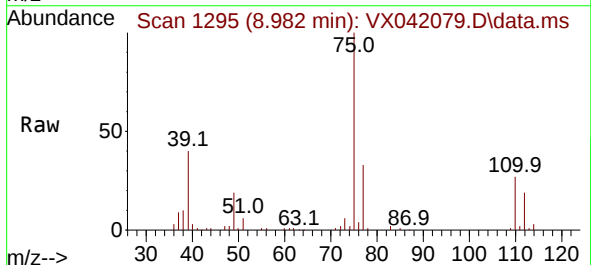
Manual Integrations
APPROVED

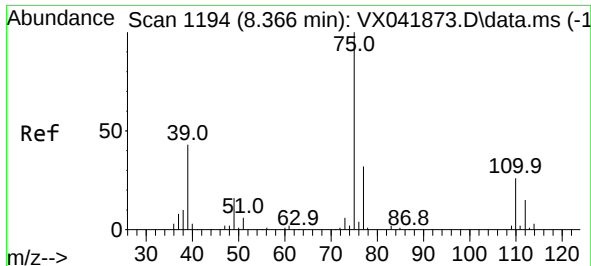
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#48
t-1,3-Dichloropropene
Concen: 19.254 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 75 Resp: 46650
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.494 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 5298

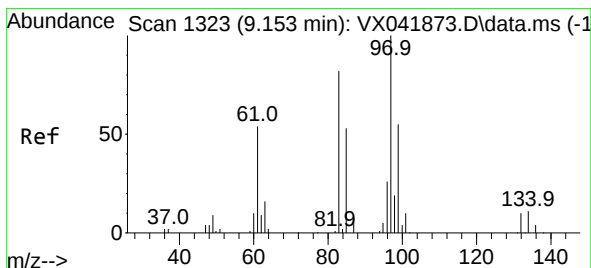
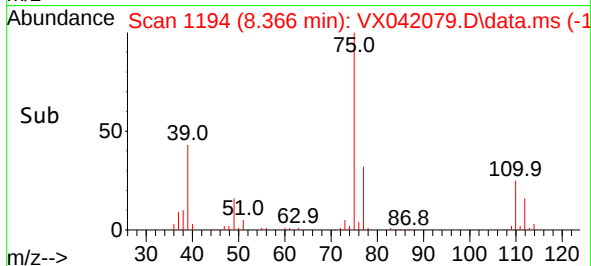
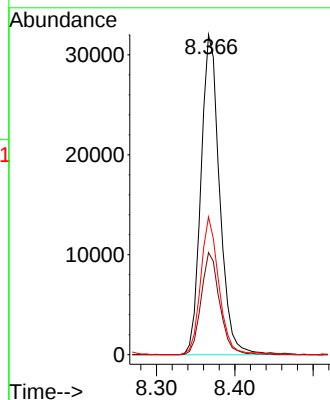
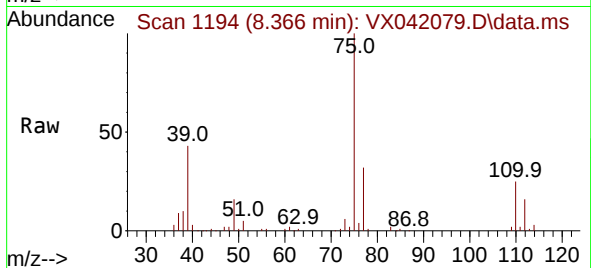
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	43.1	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#50

1,1,2-Trichloroethane

Concen: 19.868 ug/l

RT: 9.153 min Scan# 1323

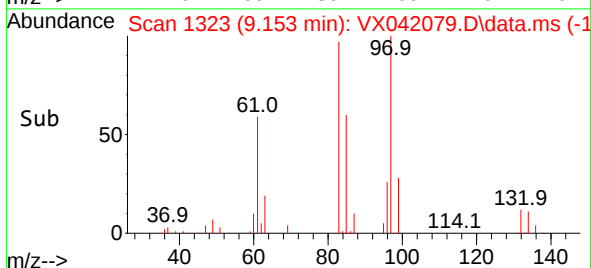
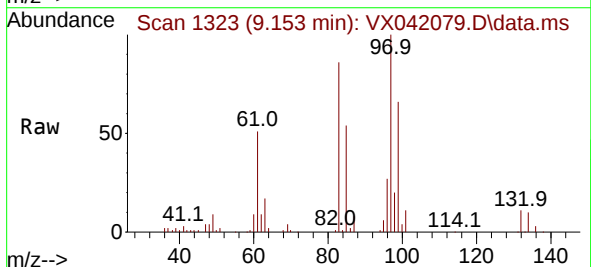
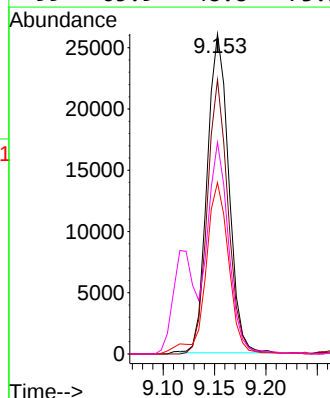
Delta R.T. 0.000 min

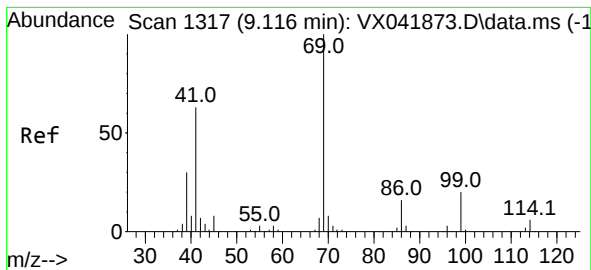
Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Tgt Ion: 97 Resp: 37947

Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.9	98.9
85	53.5	42.9	64.3
99	65.9	48.8	73.2





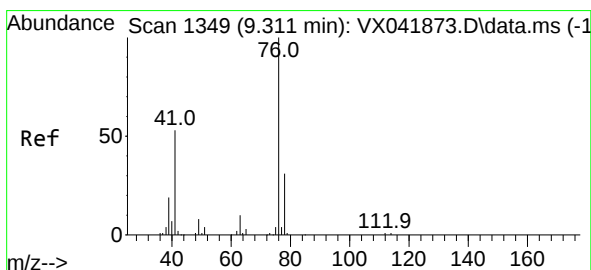
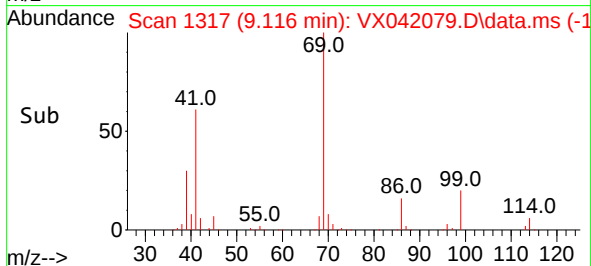
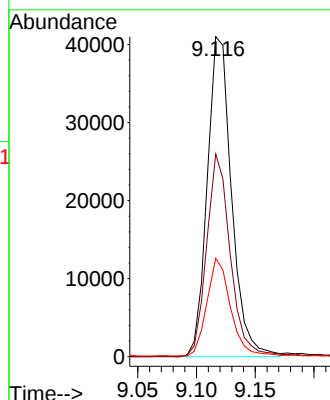
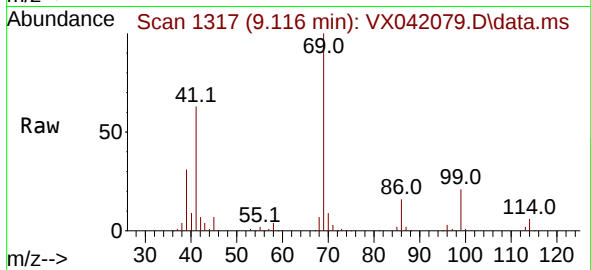
#51
Ethyl methacrylate
Concen: 19.512 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 5920
Ion Ratio Lower Upper
69 100
41 63.4 31.6 94.7
39 30.5 15.3 45.8

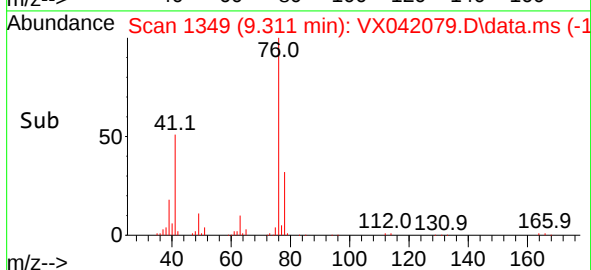
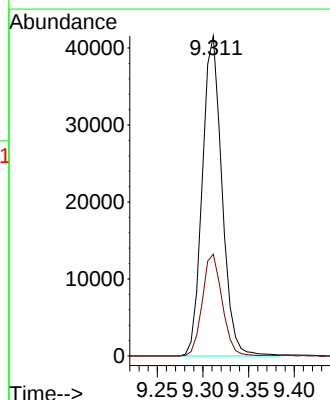
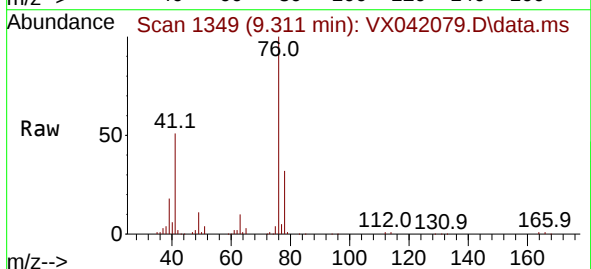
Manual Integrations
APPROVED

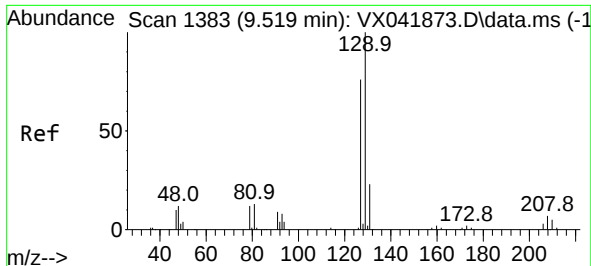
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#52
1,3-Dichloropropane
Concen: 19.885 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

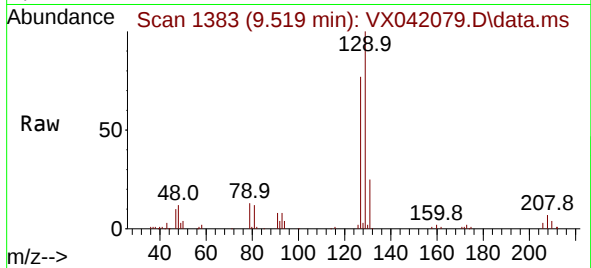
Tgt Ion: 76 Resp: 62091
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.0





#53
Dibromochloromethane
Concen: 19.964 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

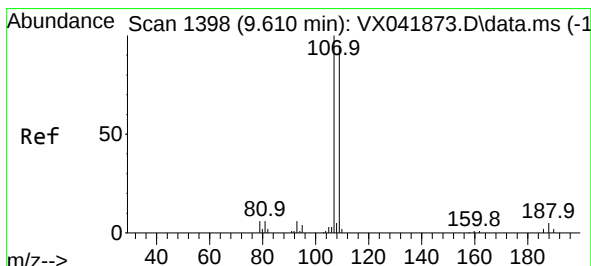
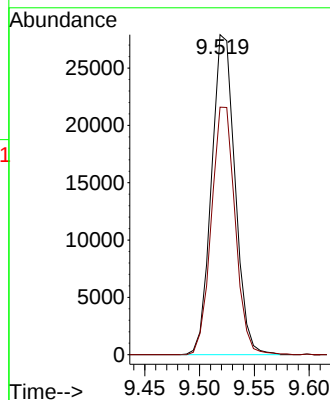
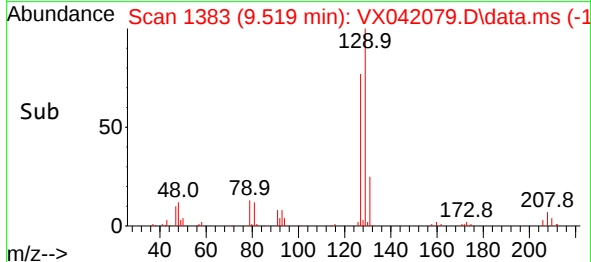
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



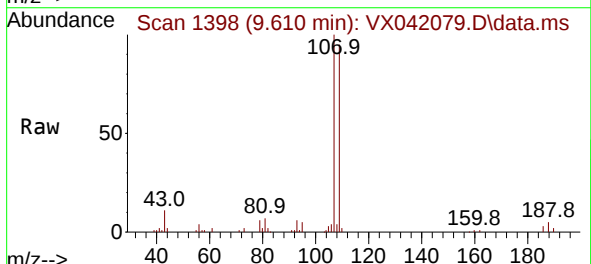
Tgt Ion:129 Resp: 41729
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4

Manual Integrations
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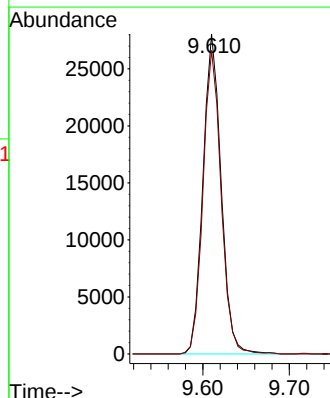
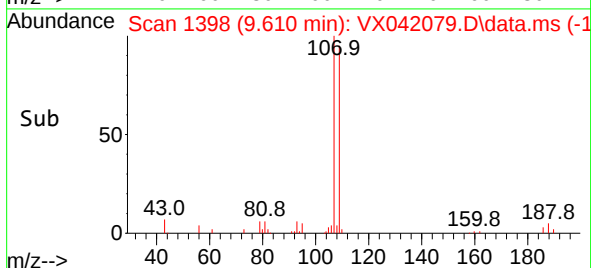
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

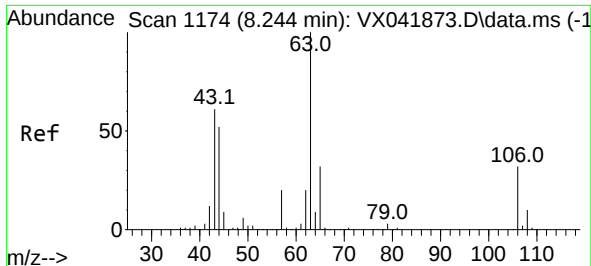


#54
1,2-Dibromoethane
Concen: 20.295 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



Tgt Ion:107 Resp: 40876
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5





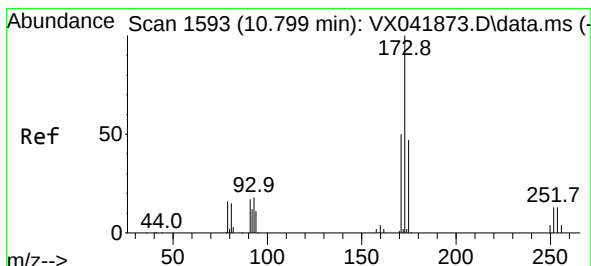
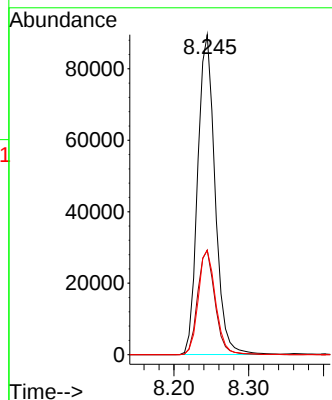
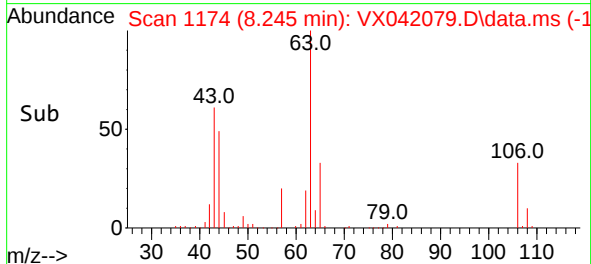
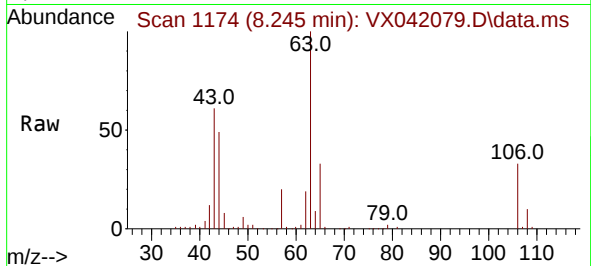
#55
2-Chloroethyl vinyl ether
Concen: 101.971 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 144010
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 32.5 25.3 37.9

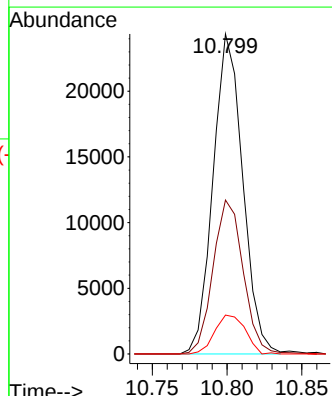
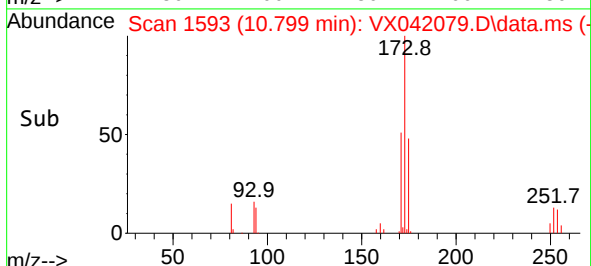
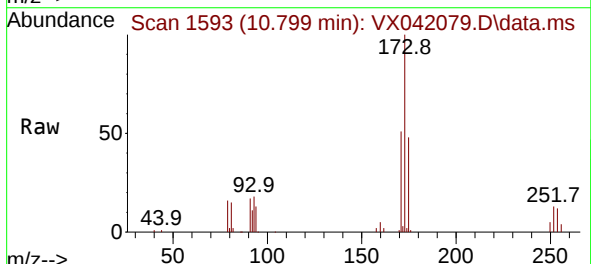
Manual Integrations
APPROVED

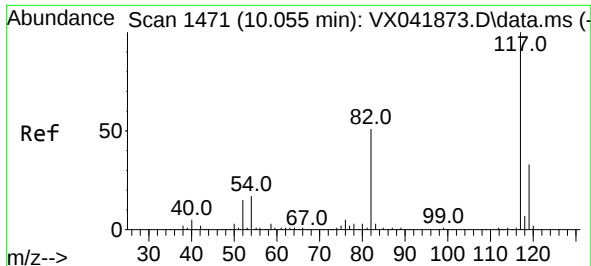
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#56
Bromoform
Concen: 19.678 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

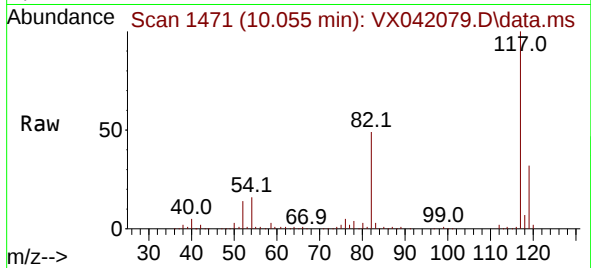
Tgt Ion:173 Resp: 33538
Ion Ratio Lower Upper
173 100
175 48.9 39.3 58.9
254 12.5 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

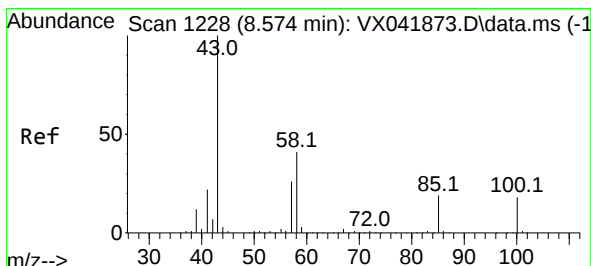
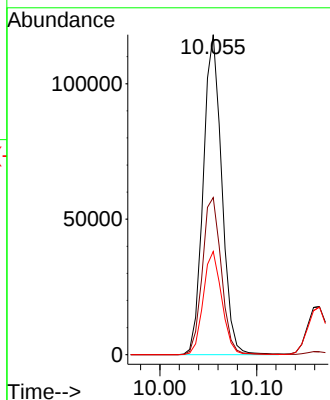
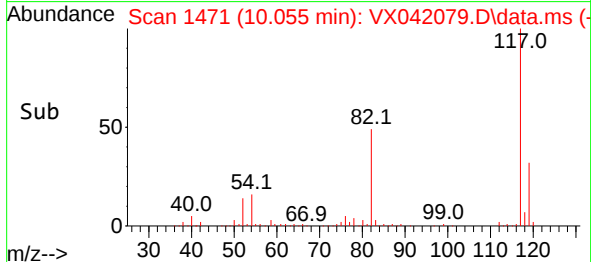
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 15732
Ion Ratio Lower Upper
117 100
82 50.4 41.1 61.7
119 32.4 26.1 39.1

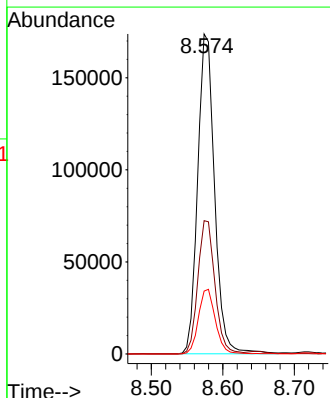
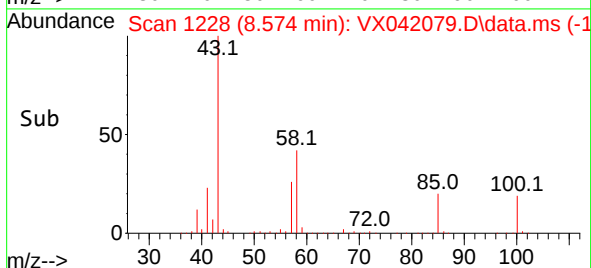
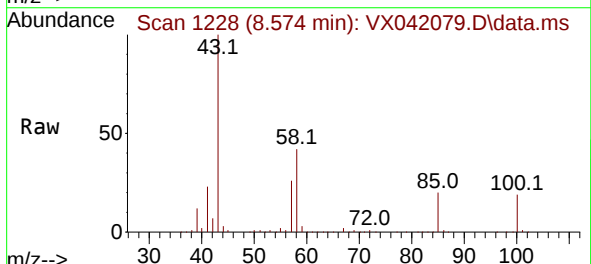
Manual Integrations
APPROVED

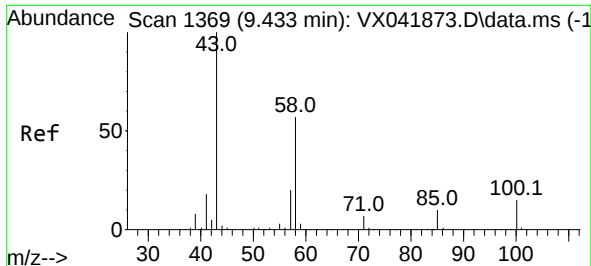
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#58
4-Methyl-2-Pentanone
Concen: 101.359 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

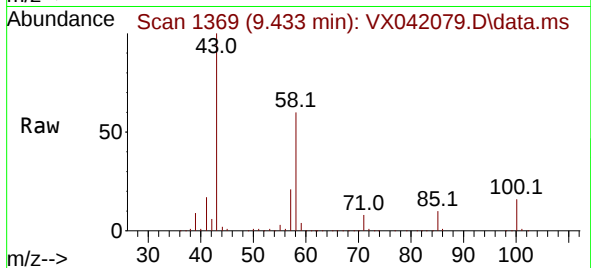
Tgt Ion: 43 Resp: 285740
Ion Ratio Lower Upper
43 100
58 42.1 33.2 49.8
85 20.2 15.5 23.3





#59
2-Hexanone
Concen: 101.008 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

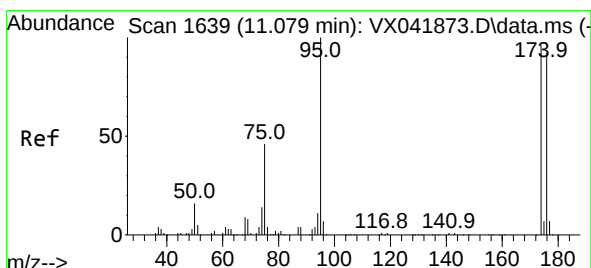
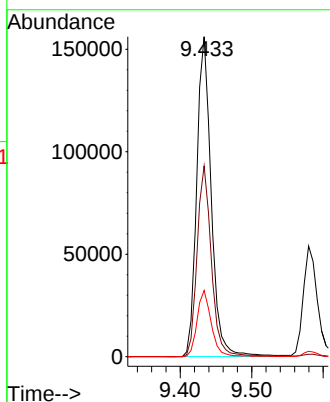
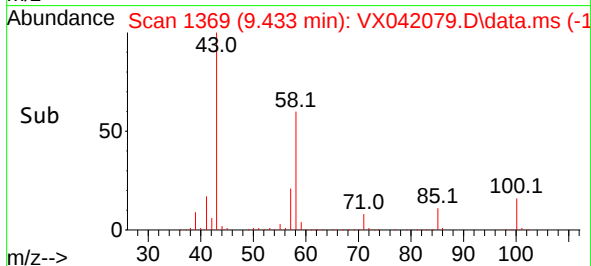
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



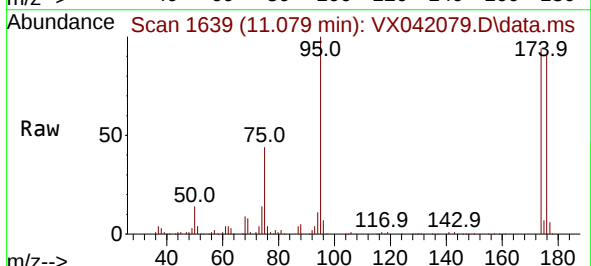
Tgt Ion: 43 Resp: 219780
Ion Ratio Lower Upper
43 100
58 58.9 46.0 69.0
57 20.1 15.8 23.6

Manual Integrations
APPROVED

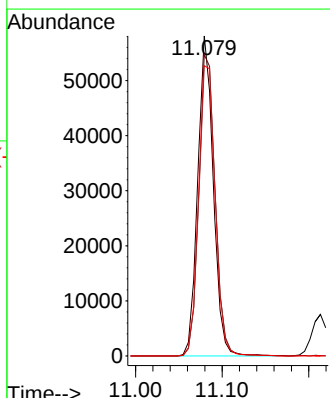
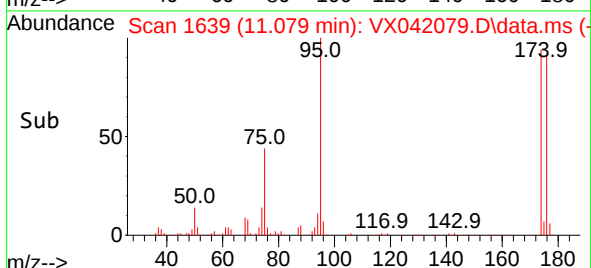
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

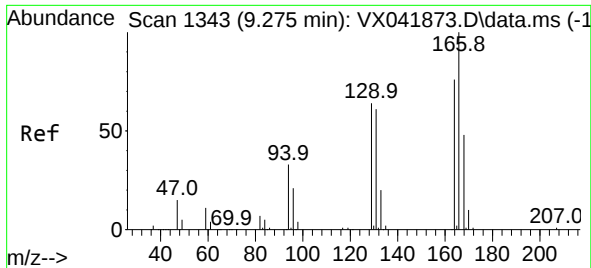


#60
4-Bromofluorobenzene
Concen: 29.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



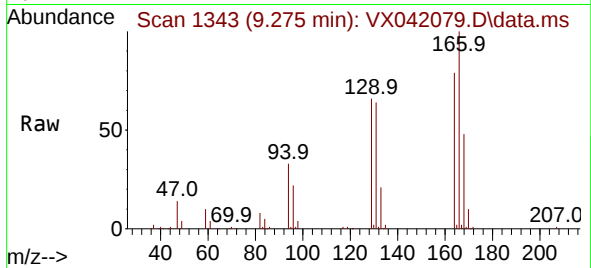
Tgt Ion: 95 Resp: 72662
Ion Ratio Lower Upper
95 100
174 98.5 78.9 118.3
176 96.7 77.1 115.7





#61
Tetrachloroethene
Concen: 19.386 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

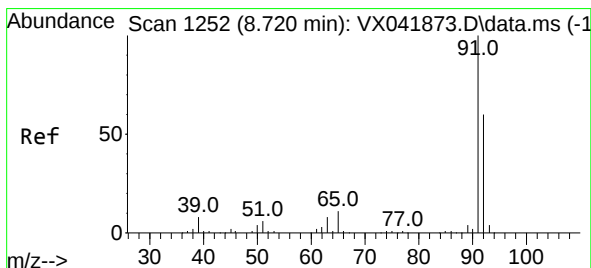
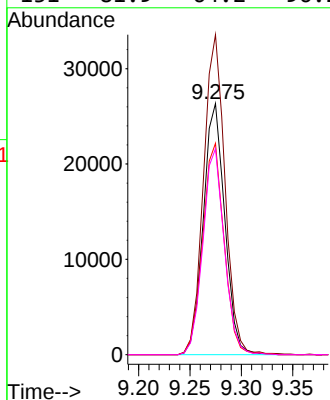
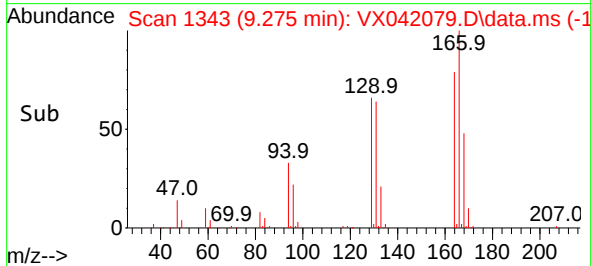
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 38378
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.6
129 84.1 67.1 100.7
131 81.9 64.2 96.2

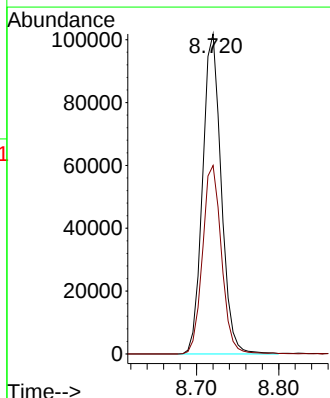
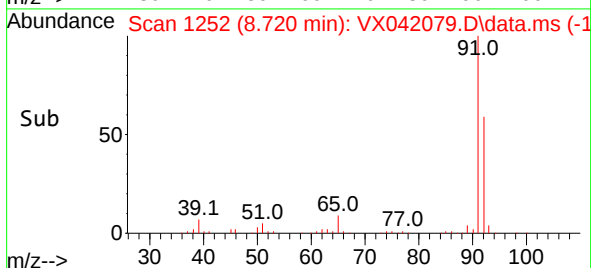
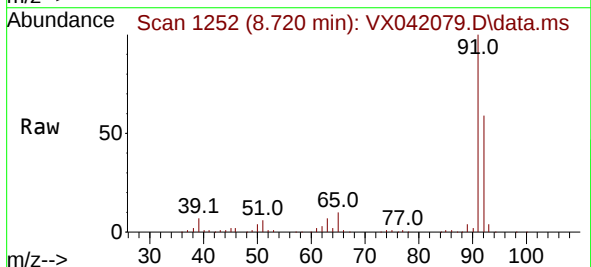
Manual Integrations
APPROVED

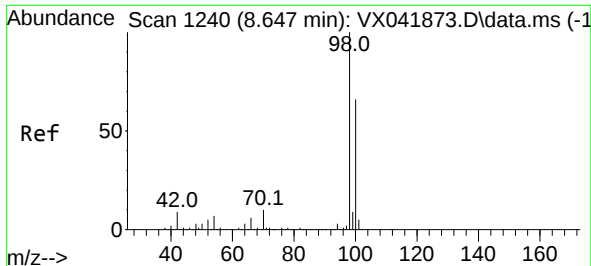
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#62
Toluene
Concen: 20.146 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

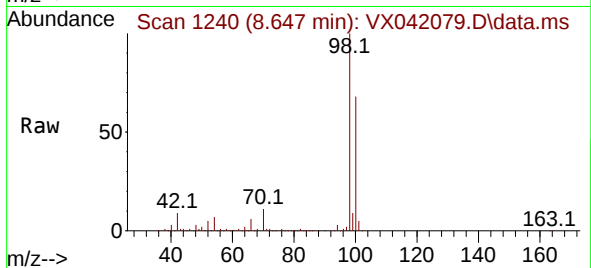
Tgt Ion: 91 Resp: 160380
Ion Ratio Lower Upper
91 100
92 59.7 47.4 71.2





#63
Toluene-d8
Concen: 29.641 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

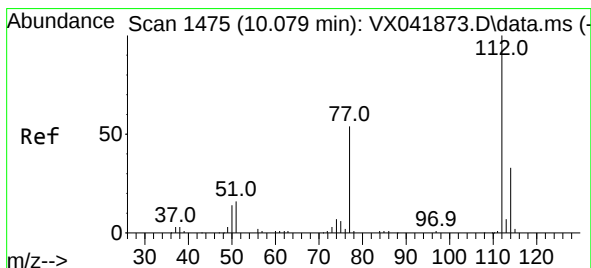
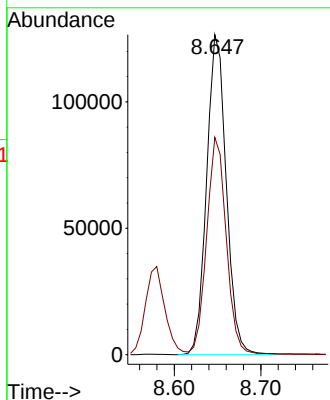
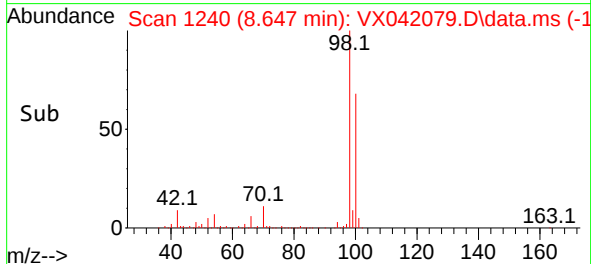
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 199510
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1

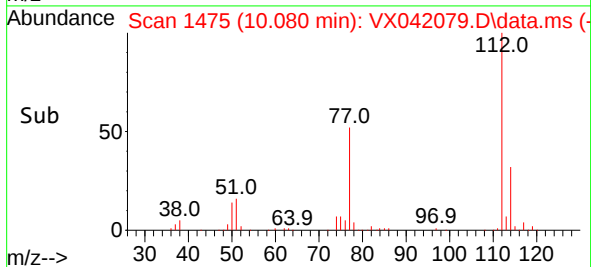
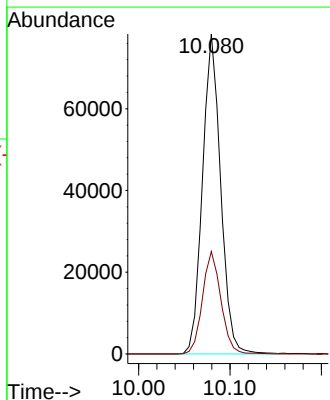
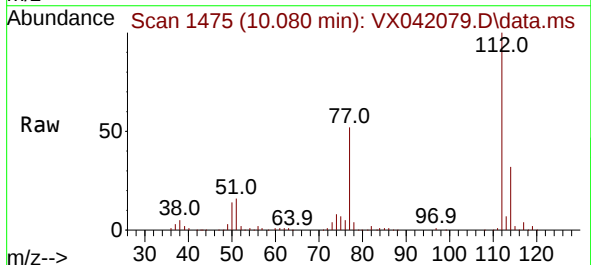
Manual Integrations
APPROVED

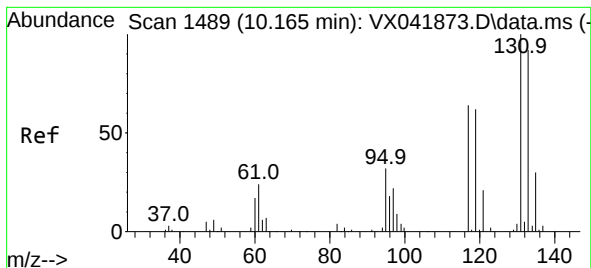
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#64
Chlorobenzene
Concen: 19.896 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

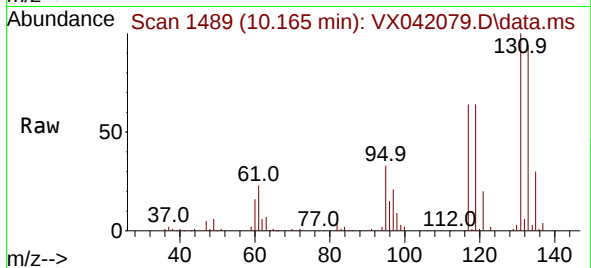
Tgt Ion:112 Resp: 107858
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.548 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

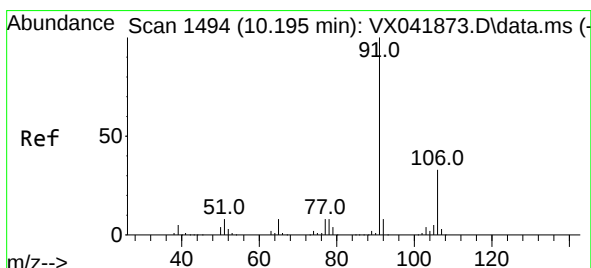
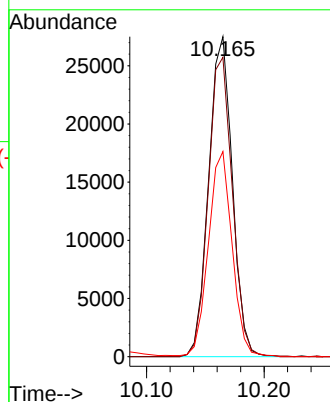
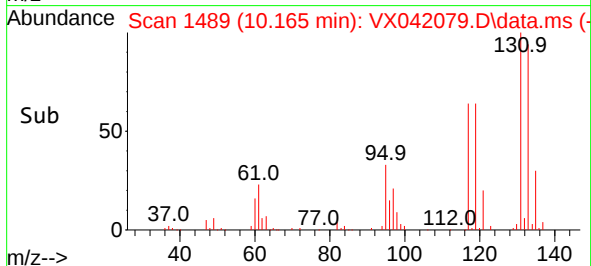
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 3847
Ion Ratio Lower Upper
131 100
133 95.5 0.0 194.8
119 64.2 0.0 127.6

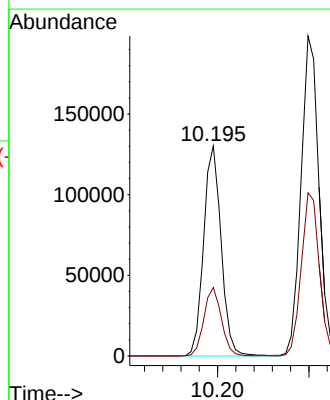
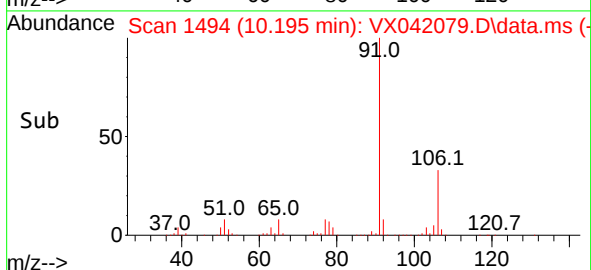
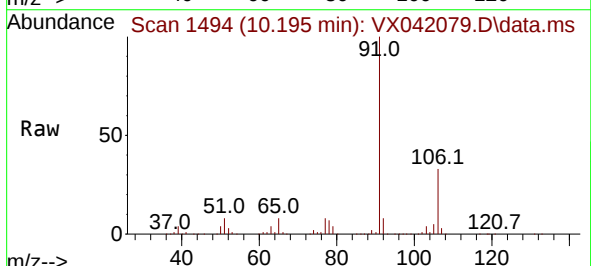
Manual Integrations
APPROVED

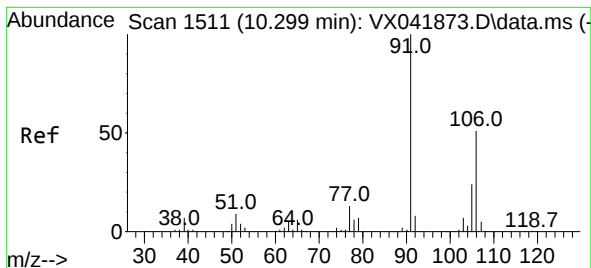
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#66
Ethyl Benzene
Concen: 19.894 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

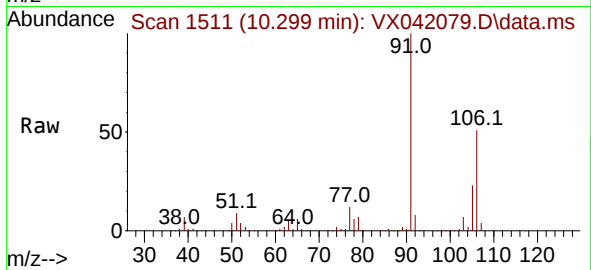
Tgt Ion: 91 Resp: 173149
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6





#67
m/p-Xylenes
Concen: 40.144 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

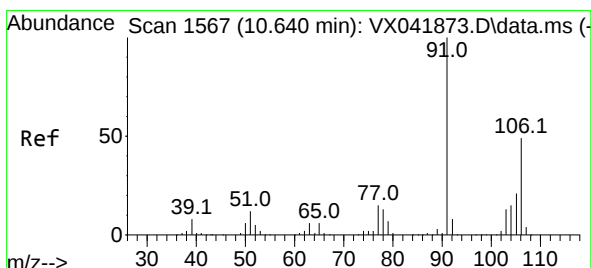
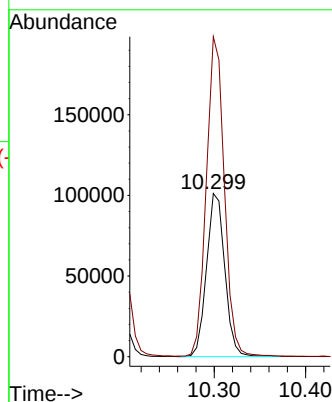
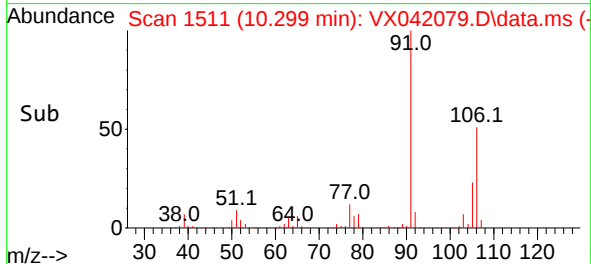
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



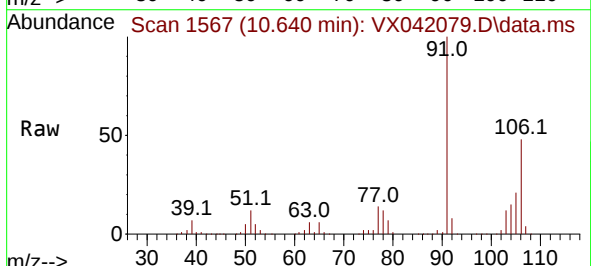
Tgt Ion:106 Resp: 140542
Ion Ratio Lower Upper
106 100
91 193.4 157.0 235.6

Manual Integrations
APPROVED

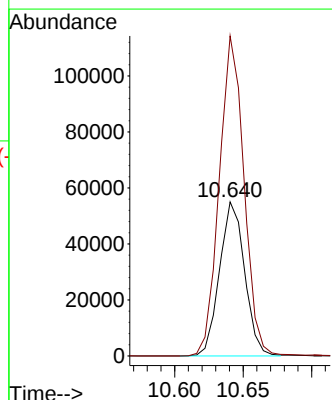
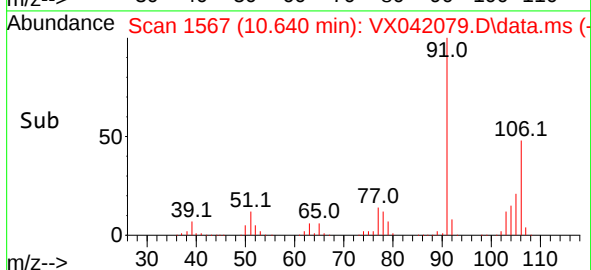
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

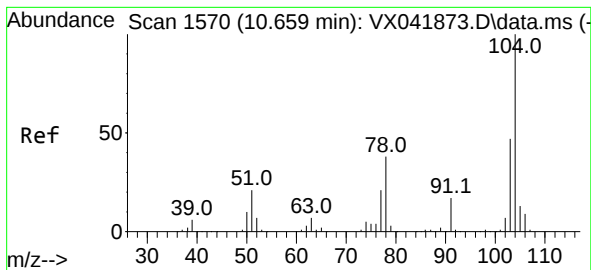


#68
o-Xylene
Concen: 20.072 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



Tgt Ion:106 Resp: 70059
Ion Ratio Lower Upper
106 100
91 204.8 103.2 309.6





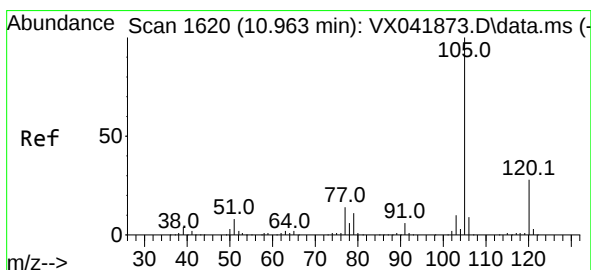
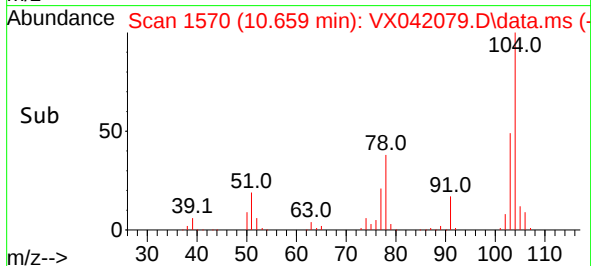
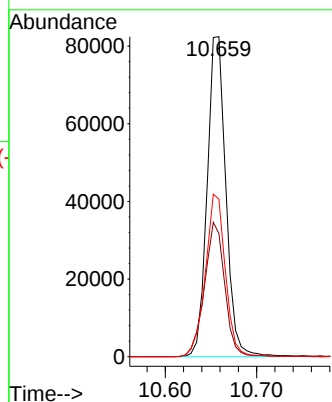
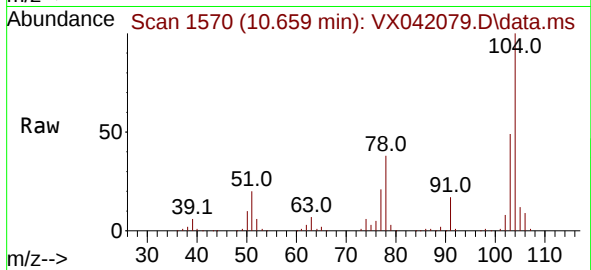
#69
Styrene
Concen: 20.056 ug/l
RT: 10.659 min Scan# 11698
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 11698
Ion Ratio Lower Upper
104 100
78 45.5 36.5 54.7
103 54.4 43.4 65.2

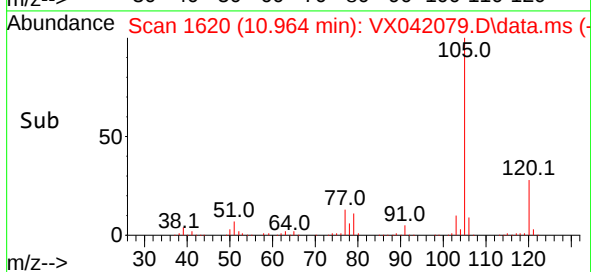
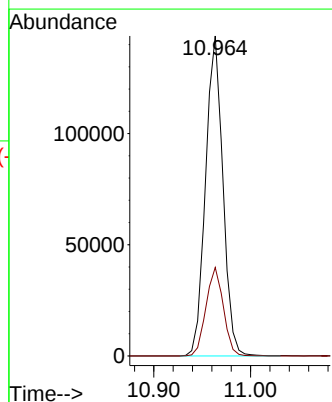
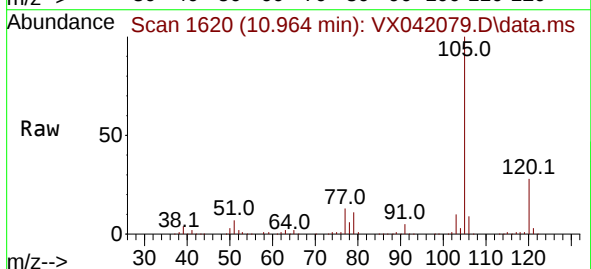
Manual Integrations
APPROVED

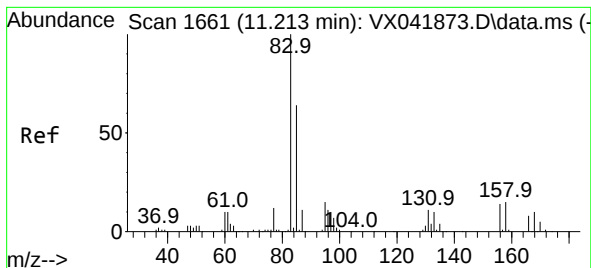
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#70
Isopropylbenzene
Concen: 20.508 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion:105 Resp: 179978
Ion Ratio Lower Upper
105 100
120 27.6 19.2 35.6





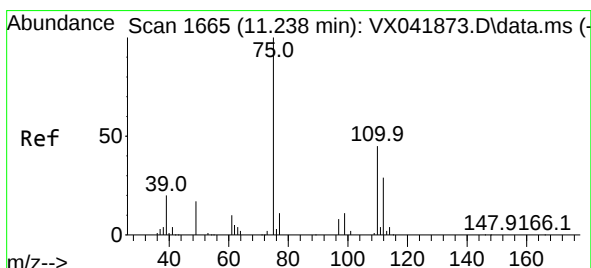
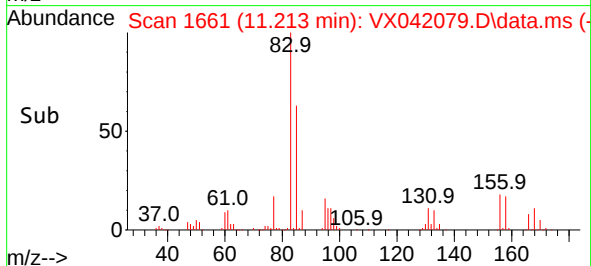
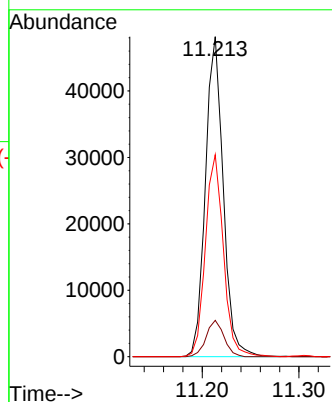
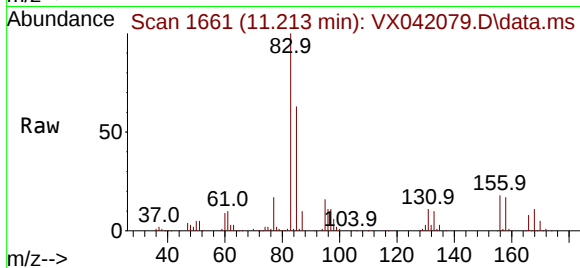
#71
1,1,2,2-Tetrachloroethane
Concen: 20.325 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6173
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.7
85 64.0 32.6 97.7

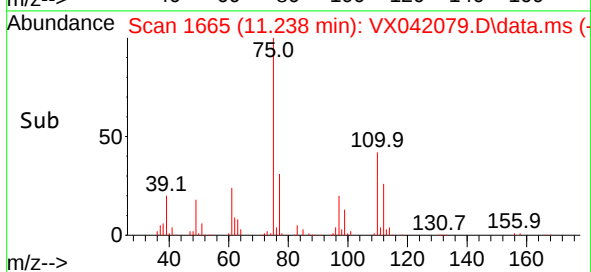
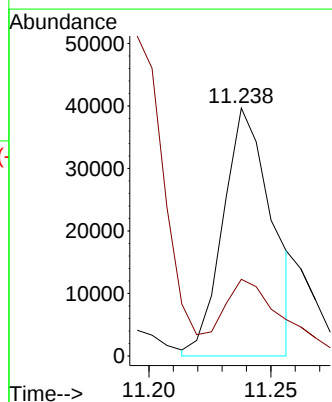
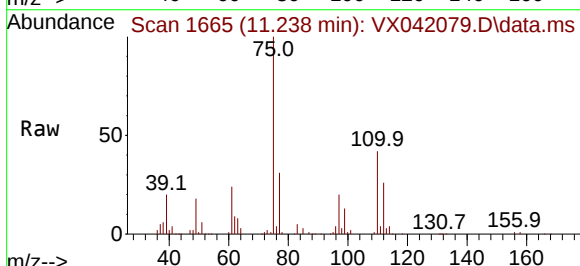
Manual Integrations
APPROVED

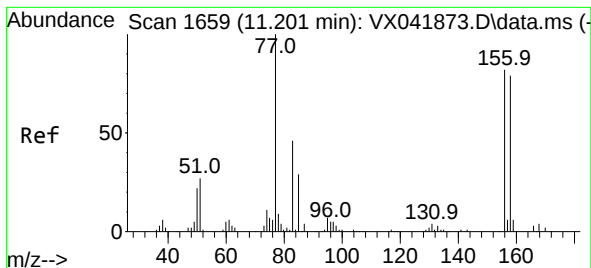
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#72
1,2,3-Trichloropropane
Concen: 22.357 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion: 75 Resp: 55000
Ion Ratio Lower Upper
75 100
77 38.8 0.0 79.6





#73

Bromobenzene

Concen: 20.057 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

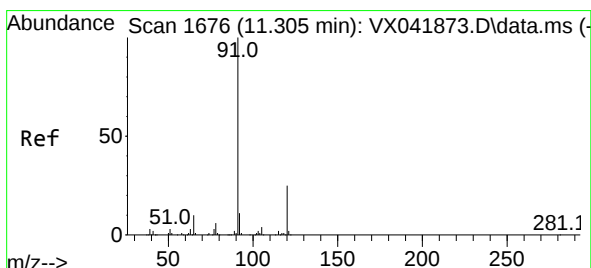
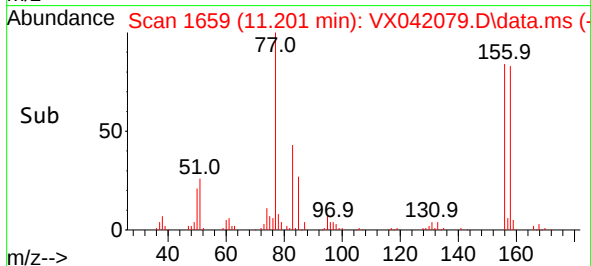
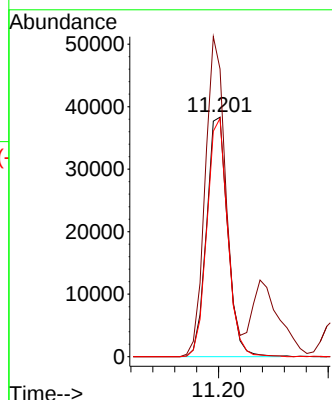
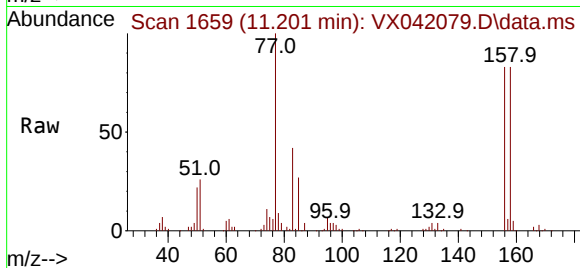
Tgt Ion:	156	Resp:	5134
Ion Ratio	Lower	Upper	
156	100		
77	128.8	0.0	266.2
158	97.6	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#74

n-propylbenzene

Concen: 19.881 ug/l

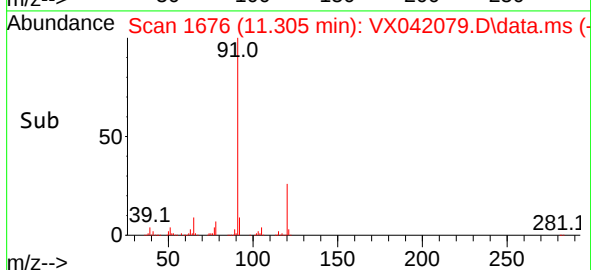
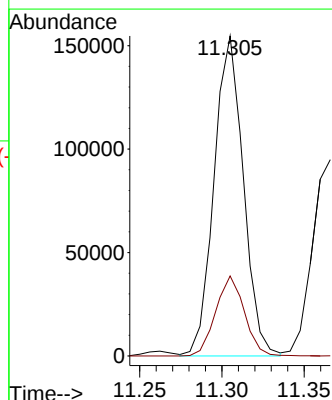
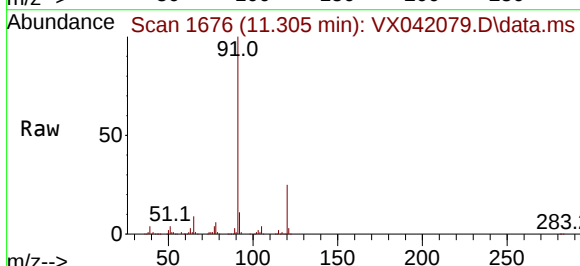
RT: 11.305 min Scan# 1676

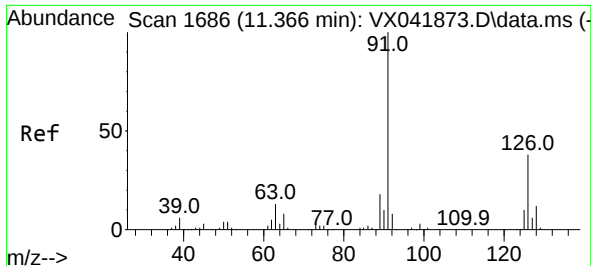
Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Tgt Ion:	91	Resp:	191662
Ion Ratio	Lower	Upper	
91	100		
120	24.4	0.0	49.6





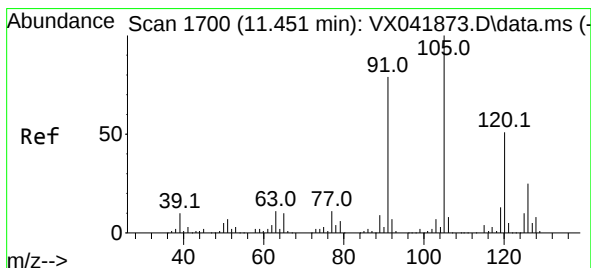
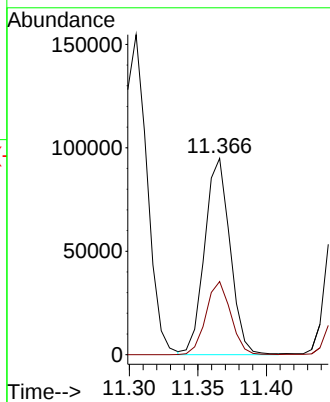
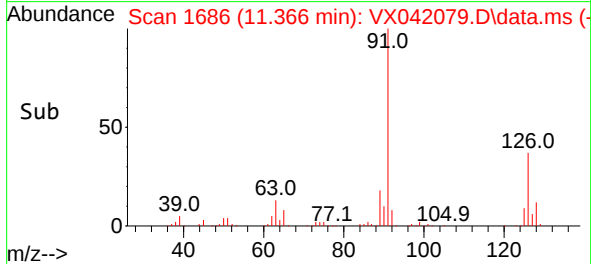
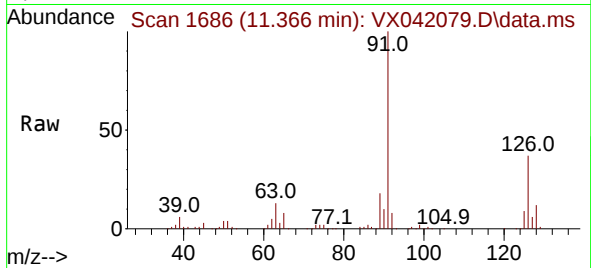
#75
2-Chlorotoluene
Concen: 20.066 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 12284
Ion Ratio Lower Upper
91 100
126 36.2 0.0 72.6

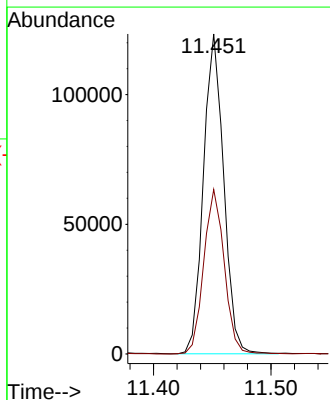
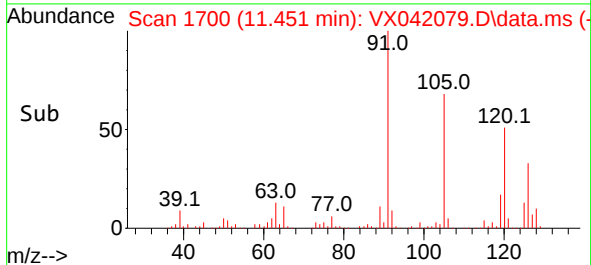
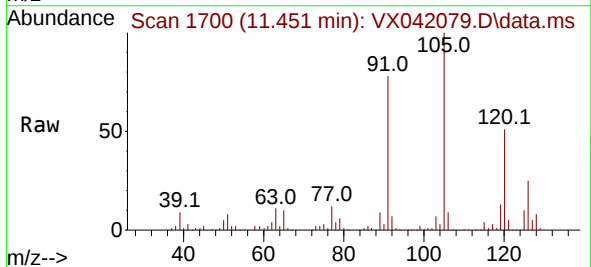
Manual Integrations
APPROVED

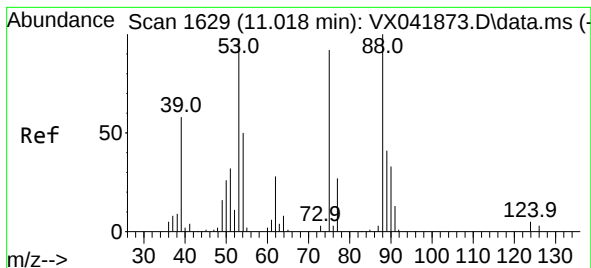
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.034 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

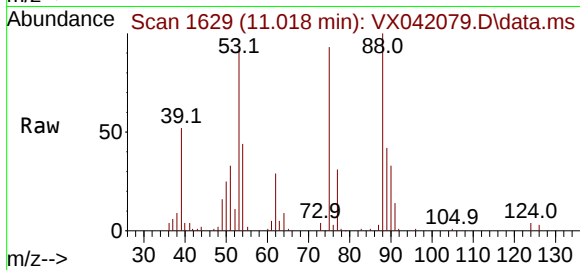
Tgt Ion:105 Resp: 147299
Ion Ratio Lower Upper
105 100
120 52.0 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.935 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

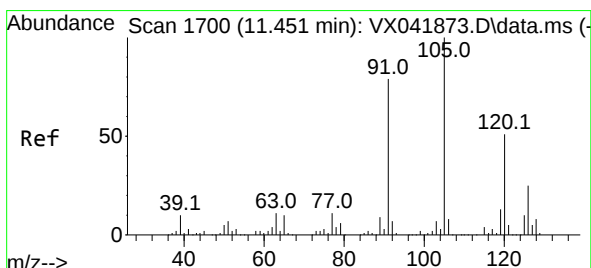
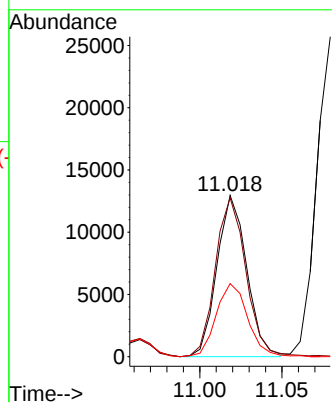
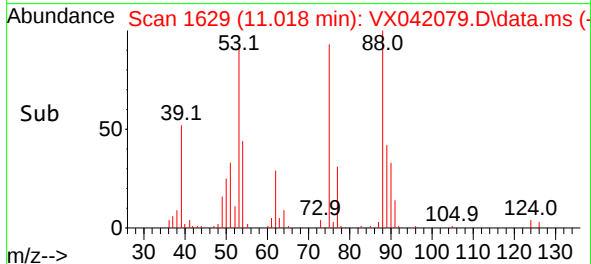
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



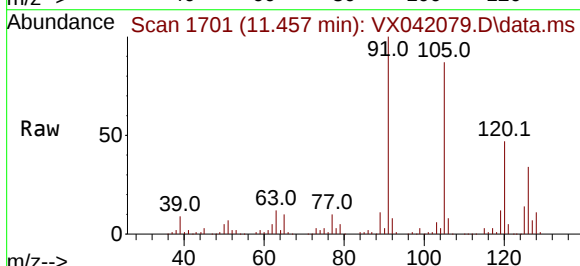
Tgt Ion: 75 Resp: 1632
Ion Ratio Lower Upper
75 100
53 98.5 53.4 160.2
89 45.4 22.5 67.5

Manual Integrations
APPROVED

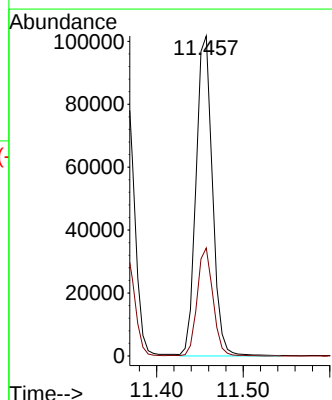
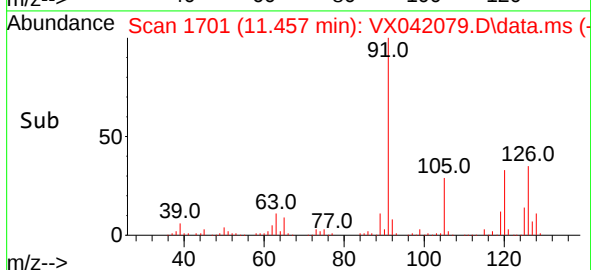
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

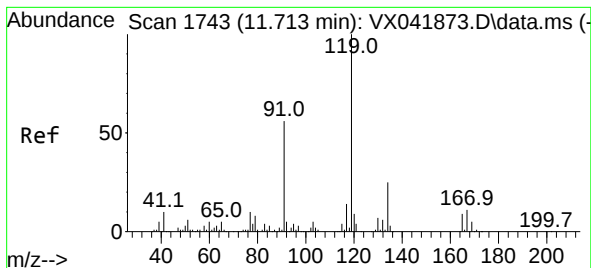


#78
4-Chlorotoluene
Concen: 19.685 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



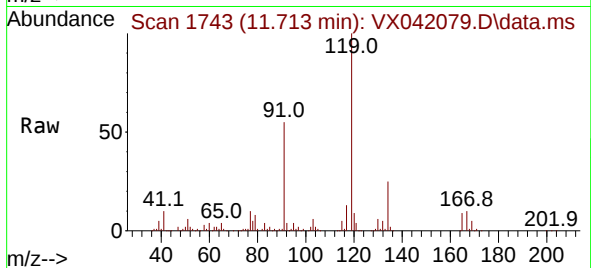
Tgt Ion: 91 Resp: 133871
Ion Ratio Lower Upper
91 100
126 31.9 0.0 64.8





#79
tert-butylbenzene
Concen: 20.481 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

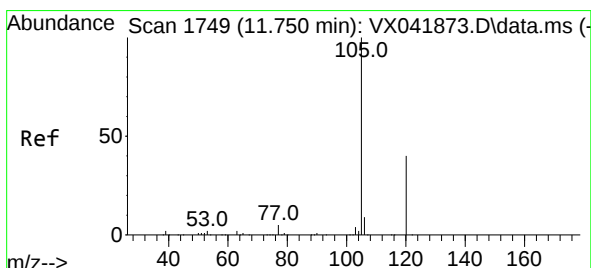
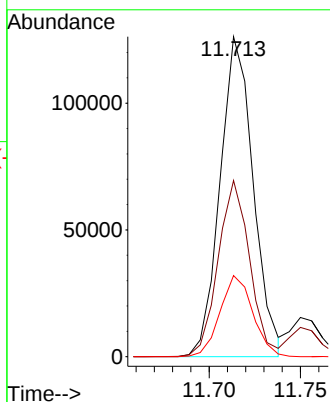
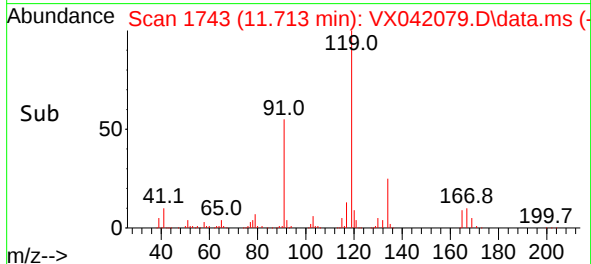
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



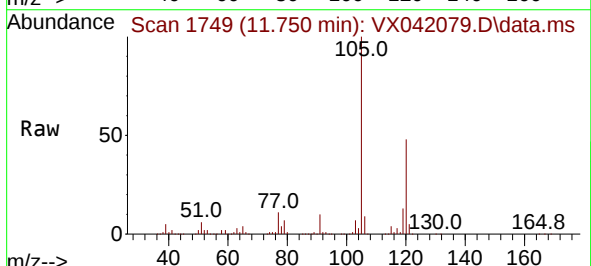
Tgt Ion:119 Resp: 15984
Ion Ratio Lower Upper
119 100
91 52.4 0.0 106.0
134 25.0 0.0 49.4

Manual Integrations
APPROVED

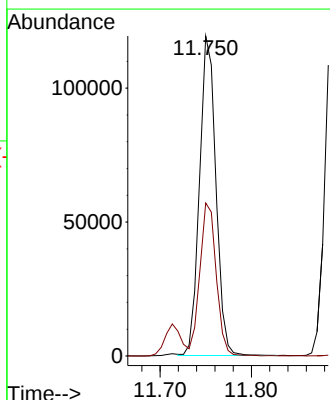
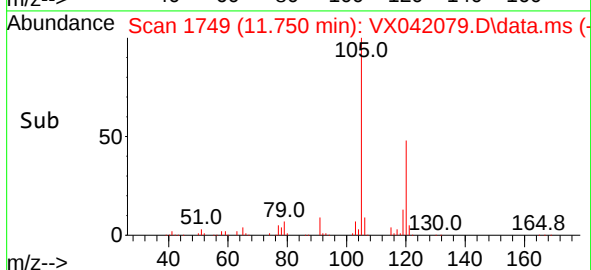
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

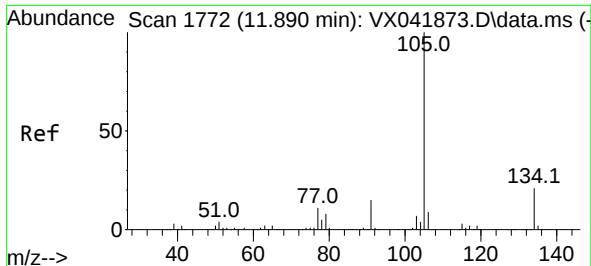


#80
1,2,4-Trimethylbenzene
Concen: 20.172 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



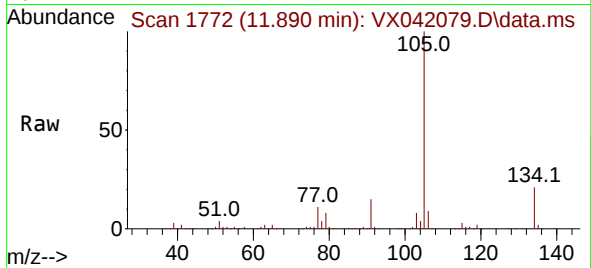
Tgt Ion:105 Resp: 148171
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 20.265 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042079.D
 Acq: 27 Jun 2024 16:58

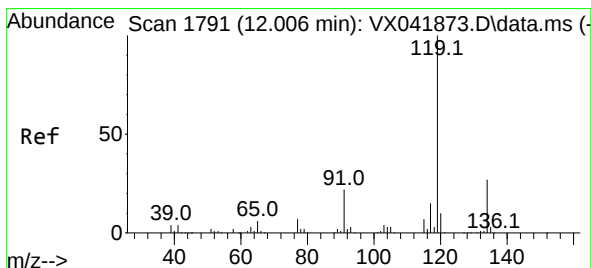
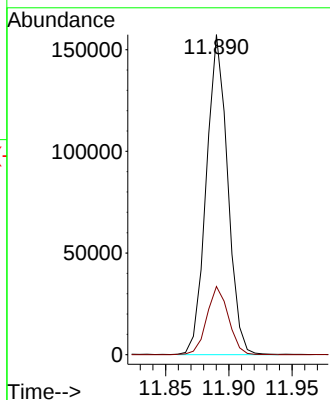
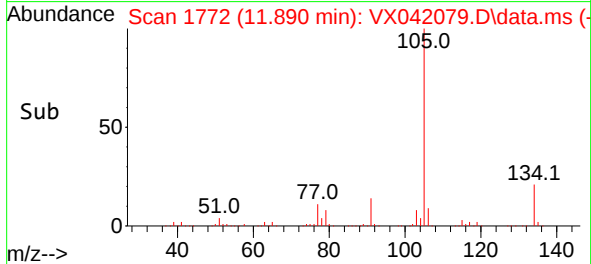
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



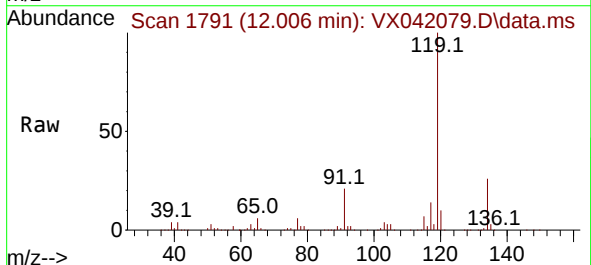
Tgt Ion:105 Resp: 18446
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.2

Manual Integrations
 APPROVED

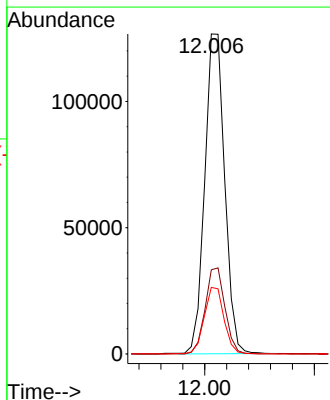
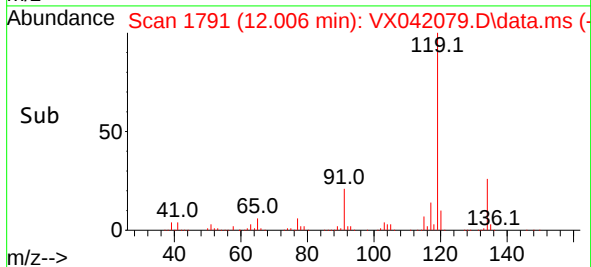
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

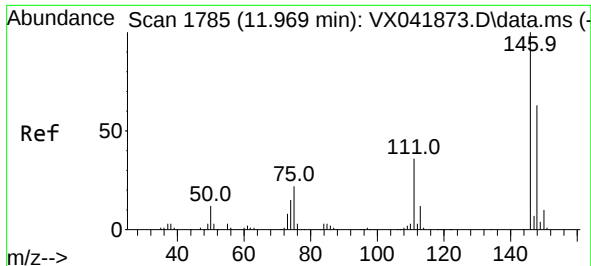


#82
 p-Isopropyltoluene
 Concen: 20.078 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042079.D
 Acq: 27 Jun 2024 16:58



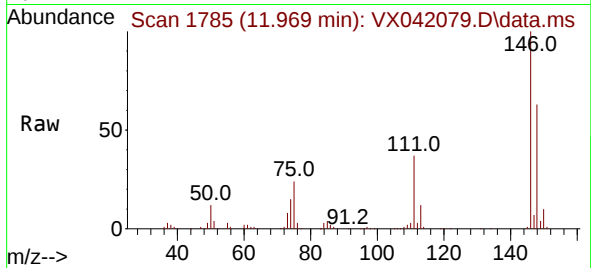
Tgt Ion:119 Resp: 160161
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 54.0
 91 20.7 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 19.487 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

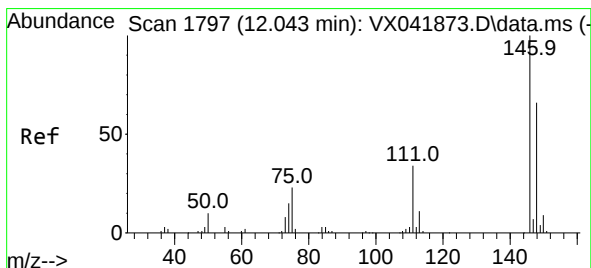
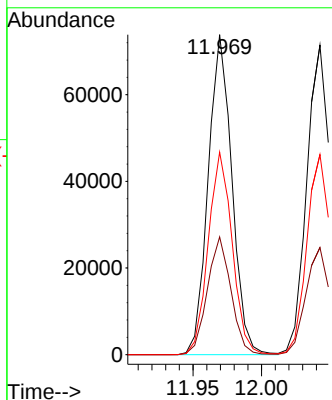
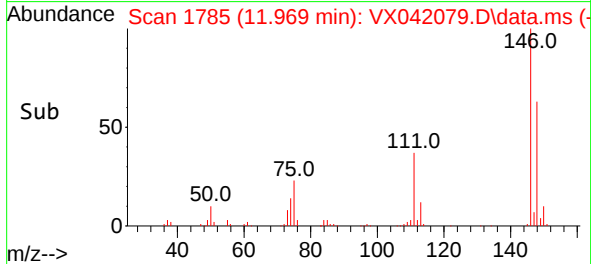
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



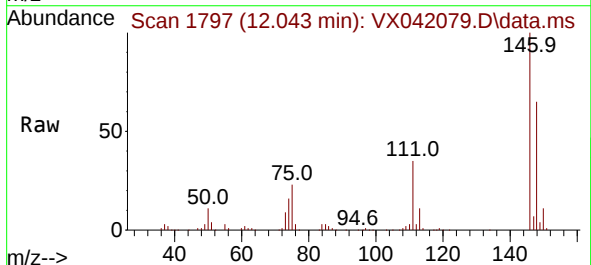
Tgt Ion:146 Resp: 8894
Ion Ratio Lower Upper
146 100
111 36.6 18.0 54.0
148 63.7 31.9 95.7

Manual Integrations
APPROVED

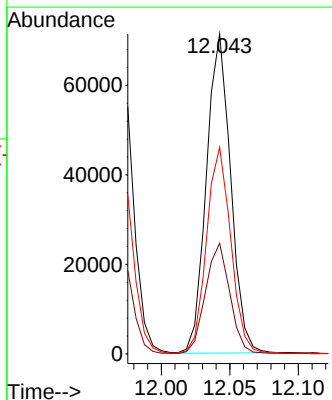
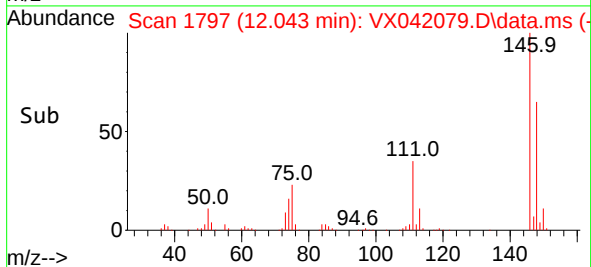
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

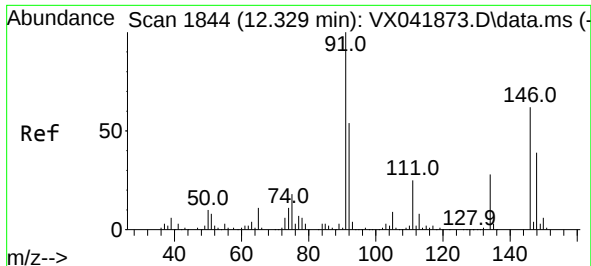


#84
1,4-Dichlorobenzene
Concen: 19.306 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



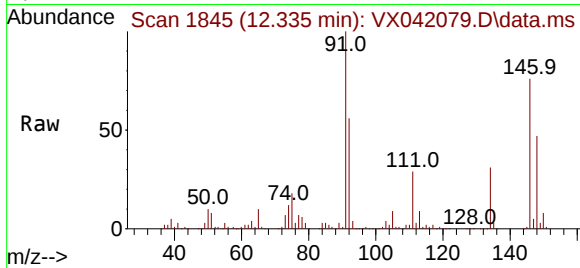
Tgt Ion:146 Resp: 87713
Ion Ratio Lower Upper
146 100
111 35.0 17.4 52.3
148 65.5 32.3 96.9





#85
n-Butylbenzene
Concen: 18.865 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

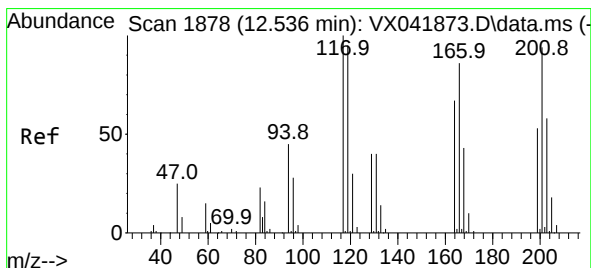
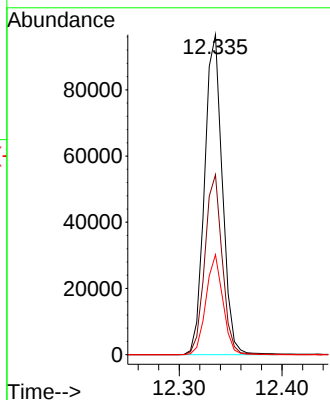
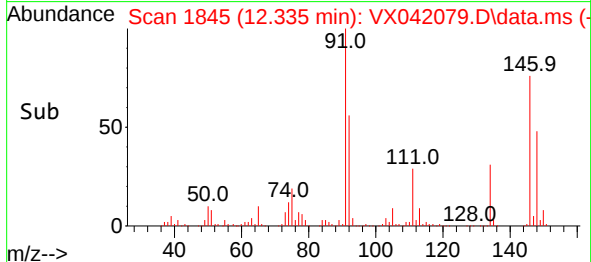
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 11636
Ion Ratio Lower Upper
91 100
92 55.0 0.0 109.8
134 29.6 0.0 58.4

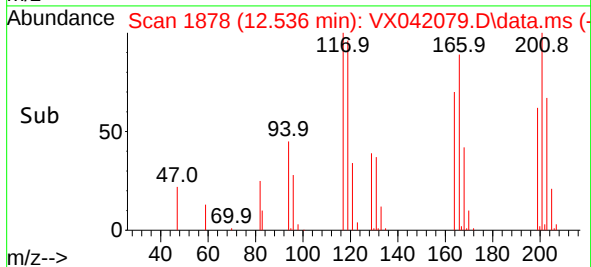
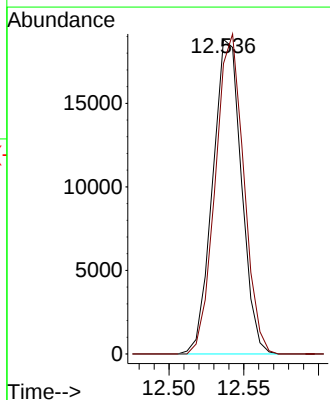
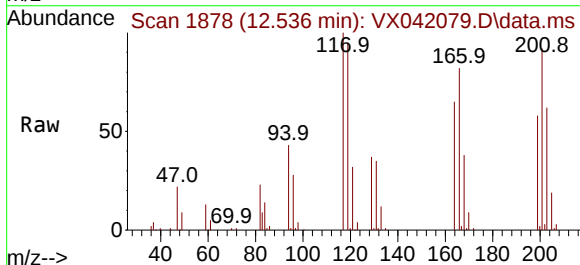
Manual Integrations
APPROVED

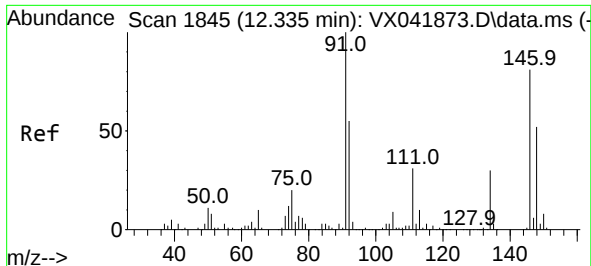
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#86
Hexachloroethane
Concen: 19.337 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

Tgt Ion:117 Resp: 25190
Ion Ratio Lower Upper
117 100
201 100.1 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 19.556 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042079.D

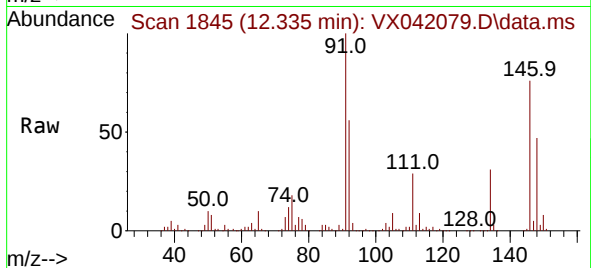
Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 9027

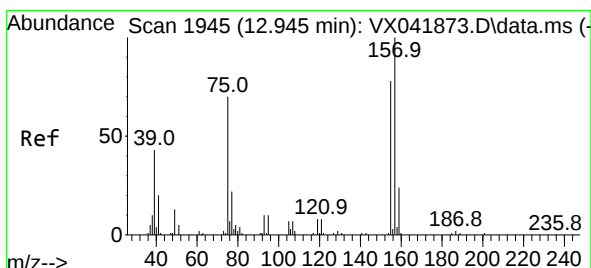
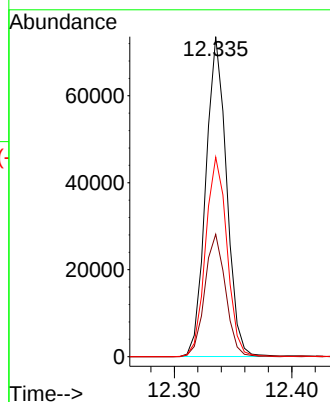
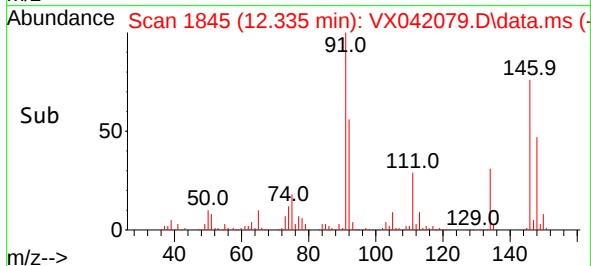
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	64.4	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.786 ug/l

RT: 12.945 min Scan# 1945

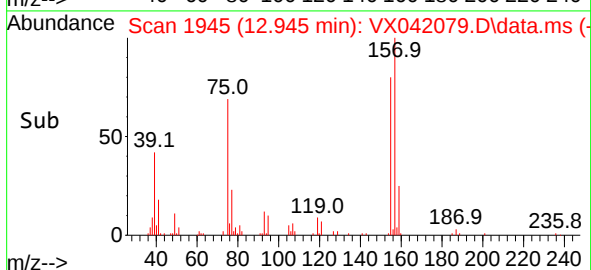
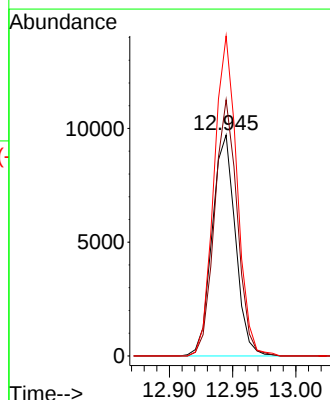
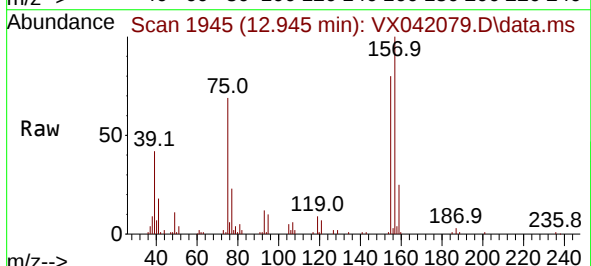
Delta R.T. 0.000 min

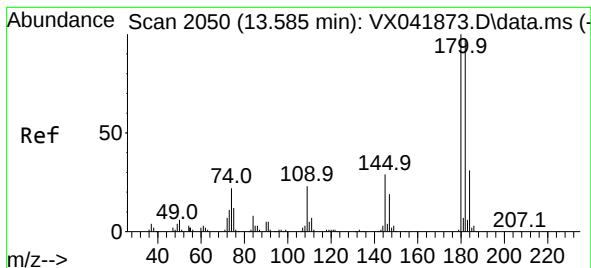
Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Tgt Ion: 75 Resp: 12430

Ion	Ratio	Lower	Upper
75	100		
155	112.7	88.6	133.0
157	142.5	112.8	169.2





#89

1,2,4-Trichlorobenzene

Concen: 18.699 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

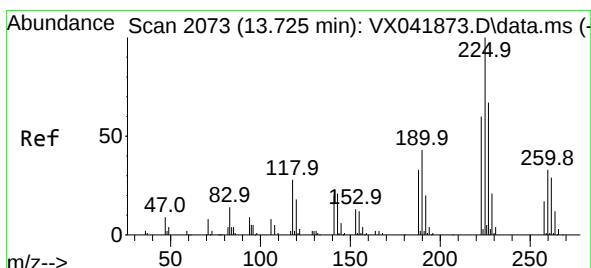
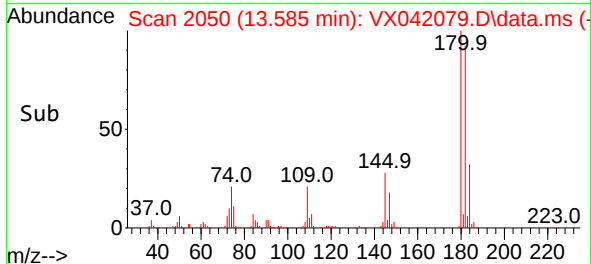
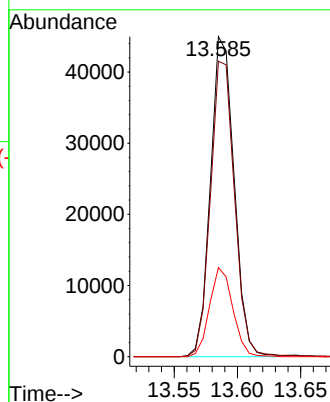
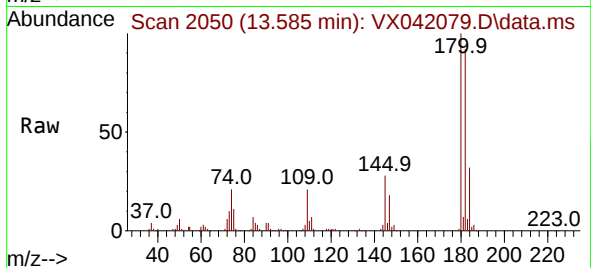
Tgt Ion:	180	Resp:	5842
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
145	27.4	22.8	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#90

Hexachlorobutadiene

Concen: 18.983 ug/l

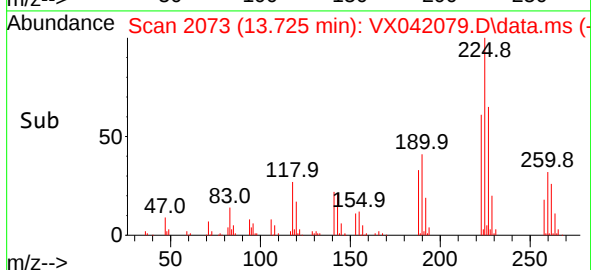
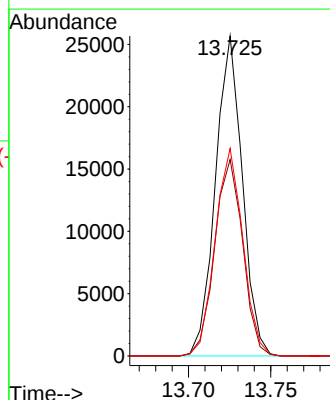
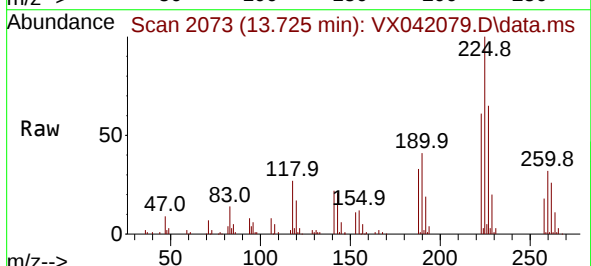
RT: 13.725 min Scan# 2073

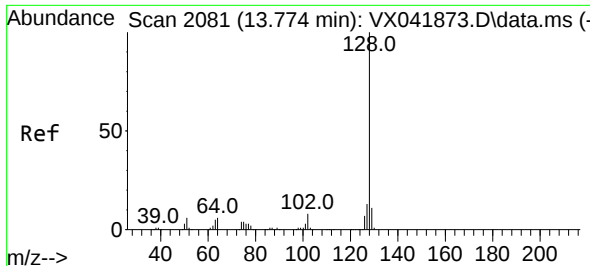
Delta R.T. 0.000 min

Lab File: VX042079.D

Acq: 27 Jun 2024 16:58

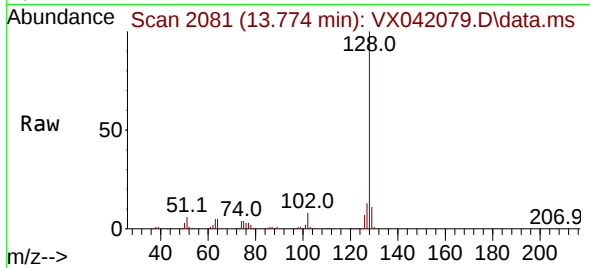
Tgt Ion:	225	Resp:	29229
Ion Ratio	Lower	Upper	
225	100		
223	64.0	0.0	120.8
227	66.9	0.0	126.6





#91
Naphthalene
Concen: 19.873 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58

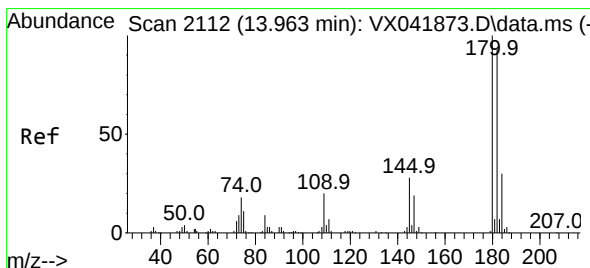
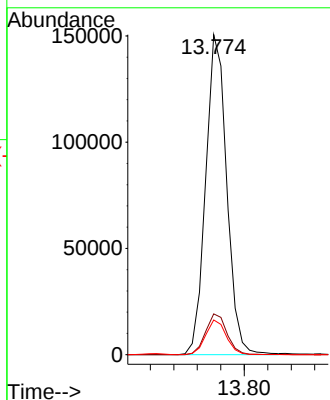
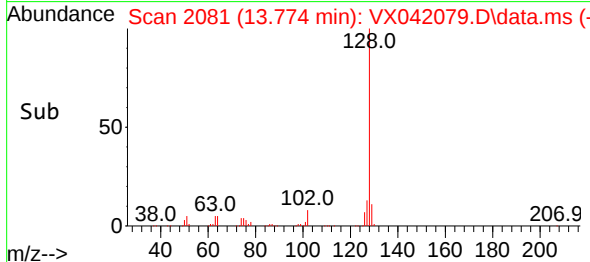
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



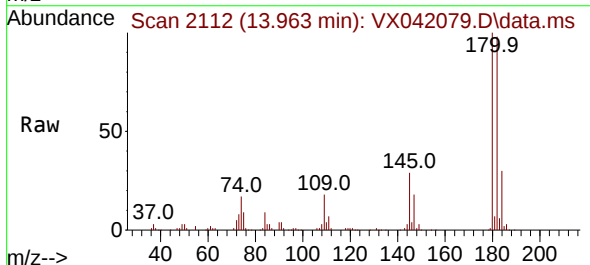
Tgt Ion:128 Resp: 18763
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.419 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042079.D
Acq: 27 Jun 2024 16:58



Tgt Ion:180 Resp: 62841
Ion Ratio Lower Upper
180 100
182 97.6 0.0 187.8
145 29.2 0.0 58.4

