

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041392.D
 Acq On : 06 May 2024 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 07 02:06:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	254127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110771	58.455	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.900%
35) Dibromofluoromethane	5.385	113	89554	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	8.647	98	267328	49.044	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	96637	45.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70421	49.234	ug/l	98
3) Chloromethane	1.300	50	81672	55.181	ug/l	97
4) Vinyl Chloride	1.374	62	81875	58.029	ug/l	98
5) Bromomethane	1.599	94	41812	47.271	ug/l	98
6) Chloroethane	1.666	64	43713	66.726	ug/l	96
7) Trichlorofluoromethane	1.867	101	126207	51.873	ug/l	99
8) Diethyl Ether	2.136	74	50495	58.883	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	67291	49.210	ug/l #	87
10) Methyl Iodide	2.447	142	74389	50.546	ug/l	91
11) Tert butyl alcohol	3.001	59	113003	297.935	ug/l #	91
12) 1,1-Dichloroethene	2.306	96	67479	50.025	ug/l	87
13) Acrolein	2.239	56	91511	304.128	ug/l	98
14) Allyl chloride	2.660	41	118247	52.177	ug/l	97
15) Acrylonitrile	3.068	53	262404	303.129	ug/l	99
16) Acetone	2.392	43	225732	270.830	ug/l	96
17) Carbon Disulfide	2.501	76	139788	44.085	ug/l	99
18) Methyl Acetate	2.709	43	107316	55.352	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	288501	58.671	ug/l	100
20) Methylene Chloride	2.788	84	79501	48.326	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	77738	51.569	ug/l	89
22) Diisopropyl ether	3.763	45	287499	59.859	ug/l	91
23) Vinyl Acetate	3.721	43	1366484	318.055	ug/l	97
24) 1,1-Dichloroethane	3.605	63	156387	57.635	ug/l	97
25) 2-Butanone	4.562	43	410606	334.782	ug/l	95
26) 2,2-Dichloropropane	4.471	77	101468	44.726	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	105248	58.967	ug/l	88
28) Bromochloromethane	4.897	49	53180	54.916	ug/l #	76
29) Tetrahydrofuran	5.007	42	262467	327.217	ug/l	95
30) Chloroform	5.092	83	169835	60.162	ug/l	97
31) Cyclohexane	5.464	56	115949	50.697	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143313	55.800	ug/l	97
36) 1,1-Dichloropropene	5.690	75	99285	48.214	ug/l	96
37) Ethyl Acetate	4.721	43	155299	60.441	ug/l	99
38) Carbon Tetrachloride	5.672	117	119713	50.746	ug/l	98
39) Methylcyclohexane	7.379	83	126849	52.433	ug/l	93
40) Benzene	6.031	78	335433	52.839	ug/l	100

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 05/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	83232	62.938	ug/l	96
42) 1,2-Dichloroethane	6.086	62	133021	57.176	ug/l	97
43) Isopropyl Acetate	6.342	43	231150	59.833	ug/l	97
44) Trichloroethene	7.123	130	92002	54.884	ug/l	88
45) 1,2-Dichloropropane	7.427	63	84963	59.902	ug/l	98
46) Dibromomethane	7.580	93	67285	59.591	ug/l #	78
47) Bromodichloromethane	7.824	83	126904	63.071	ug/l	99
48) Methyl methacrylate	7.696	41	116778	65.941	ug/l	95
49) 1,4-Dioxane	7.665	88	56695	1480.720	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	742192	320.164	ug/l	99
52) Toluene	8.720	92	197849	50.948	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106126	53.234	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	131416	59.410	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	82784	55.355	ug/l	97
56) Ethyl methacrylate	9.116	69	135679	58.621	ug/l	98
57) 1,3-Dichloropropane	9.305	76	145541	58.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	342801	305.458	ug/l	93
59) 2-Hexanone	9.433	43	625155	337.251	ug/l	97
60) Dibromochloromethane	9.518	129	107745	61.199	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97606	59.325	ug/l	100
64) Tetrachloroethene	9.275	164	80018	47.378	ug/l	90
65) Chlorobenzene	10.079	112	252091	53.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92860	55.507	ug/l	97
67) Ethyl Benzene	10.195	91	401194	51.359	ug/l	98
68) m/p-Xylenes	10.299	106	309182	98.837	ug/l	94
69) o-Xylene	10.640	106	158582	52.945	ug/l	95
70) Styrene	10.652	104	264418	53.799	ug/l	96
71) Bromoform	10.799	173	83789	55.964	ug/l #	100
73) Isopropylbenzene	10.963	105	350447	50.828	ug/l	96
74) N-amyl acetate	10.841	43	197844	65.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	133857	59.248	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109012m	59.221	ug/l	
77) Bromobenzene	11.195	156	106577	54.768	ug/l	77
78) n-propylbenzene	11.305	91	382476	52.817	ug/l	95
79) 2-Chlorotoluene	11.366	91	239407	51.302	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	297034	52.847	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	36356	53.798	ug/l	97
82) 4-Chlorotoluene	11.451	91	277958	52.466	ug/l	92
83) tert-Butylbenzene	11.713	119	322354	53.557	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	304112	53.773	ug/l	94
85) sec-Butylbenzene	11.890	105	367571	53.289	ug/l	95
86) p-Isopropyltoluene	12.006	119	326110	52.642	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	186925	52.847	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	186978	51.309	ug/l	95
89) n-Butylbenzene	12.329	91	255073	51.206	ug/l	97
90) Hexachloroethane	12.536	117	54138	52.257	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	196057	52.477	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32019	61.331	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	134960	51.680	ug/l	95
94) Hexachlorobutadiene	13.725	225	62590	47.995	ug/l	100
95) Naphthalene	13.774	128	443538	57.313	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140973	52.819	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

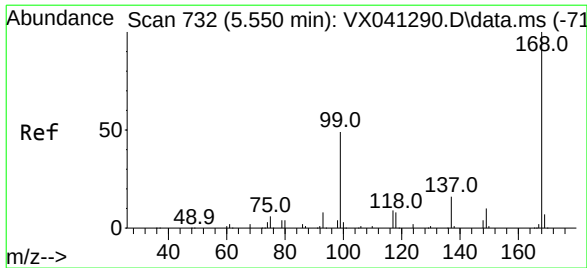
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 02:06:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

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



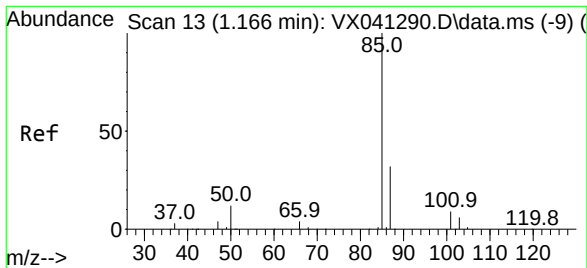
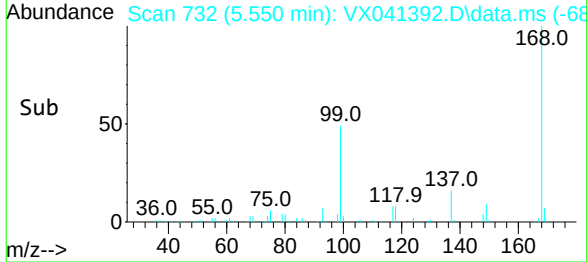
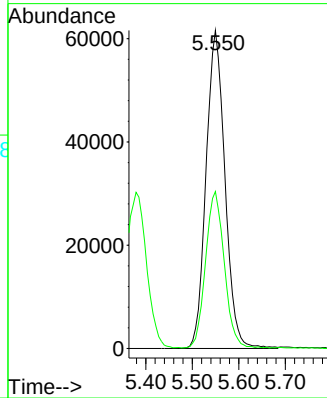
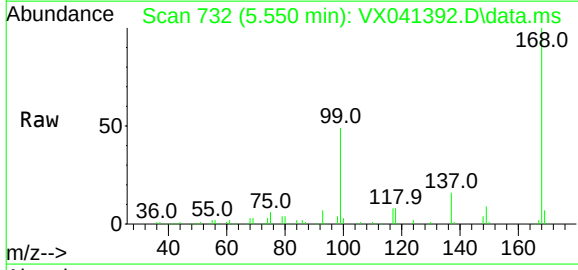
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion: 168 Resp: 174070
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0

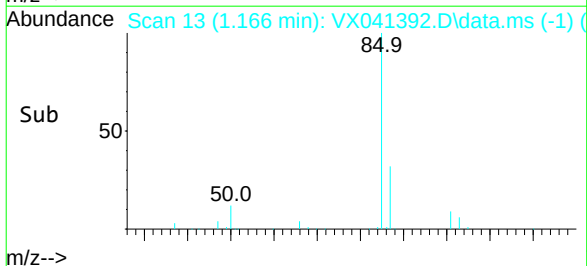
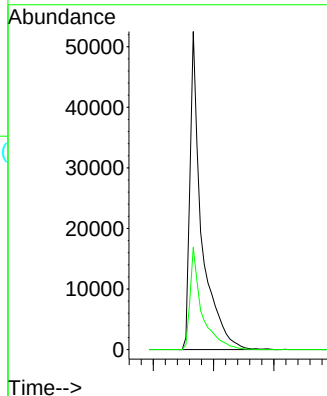
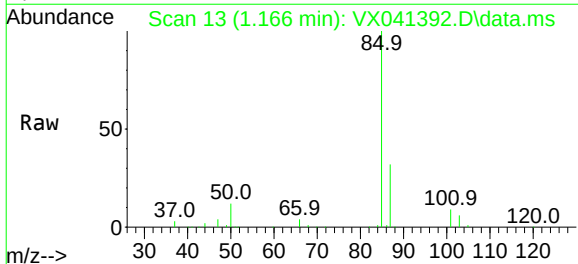
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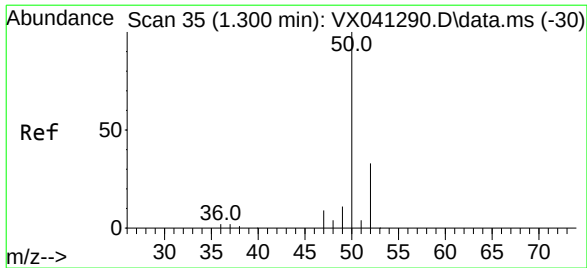
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024



#2
Dichlorodifluoromethane
Concen: 49.234 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

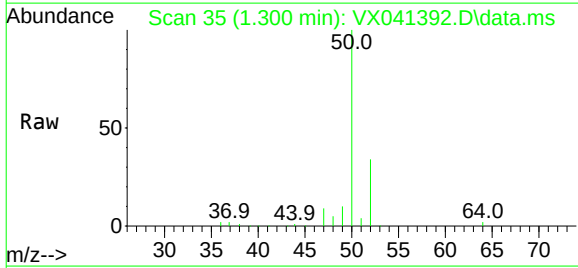
Tgt Ion: 85 Resp: 70421
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3
Chloromethane
Concen: 55.181 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

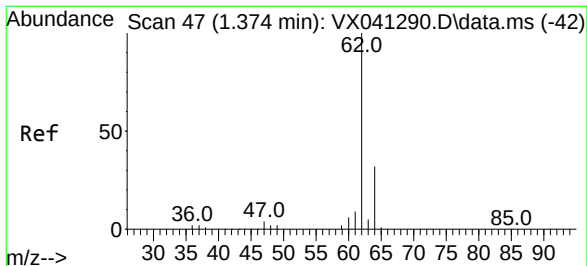
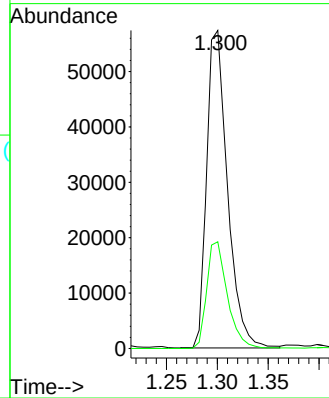
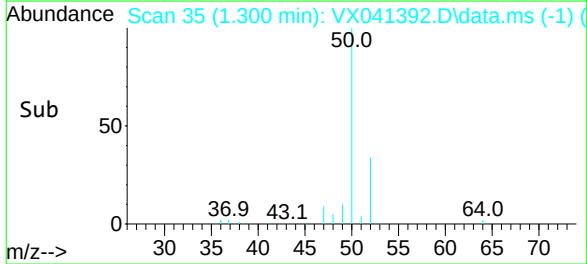
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 81672
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

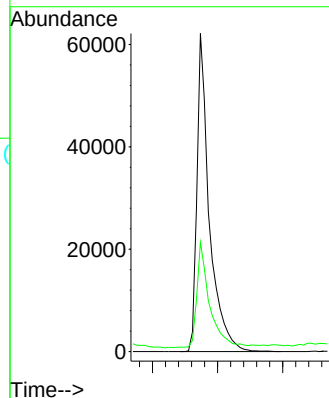
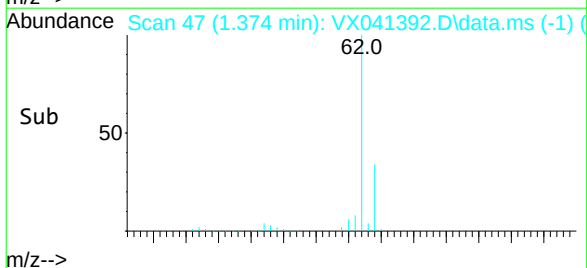
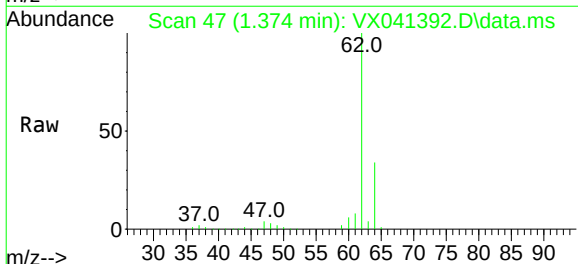
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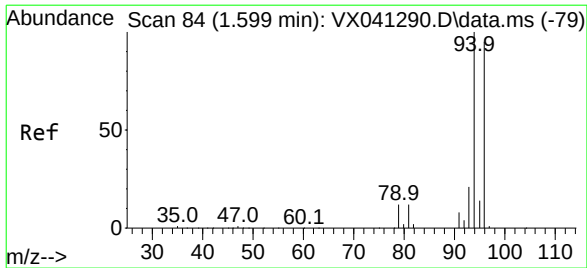
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#4
Vinyl Chloride
Concen: 58.029 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

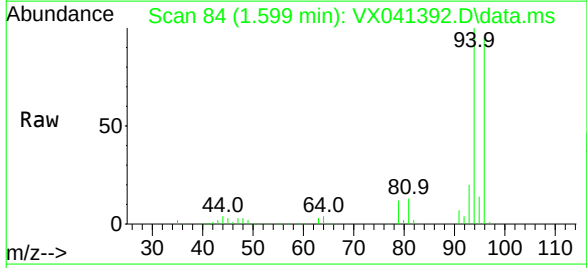
Tgt Ion: 62 Resp: 81875
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5
Bromomethane
Concen: 47.271 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

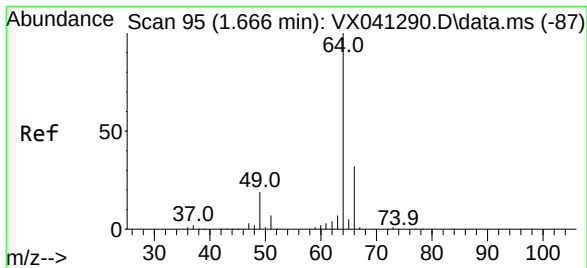
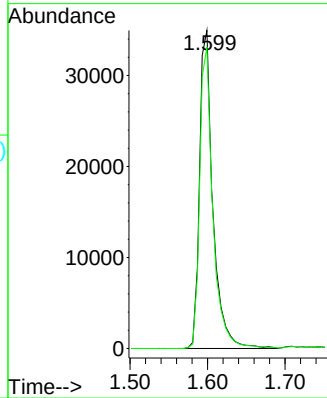
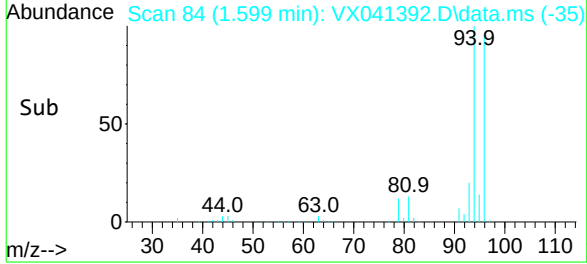
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 41812
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

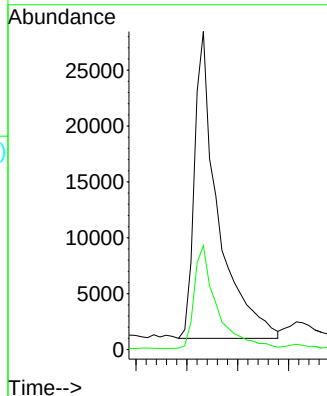
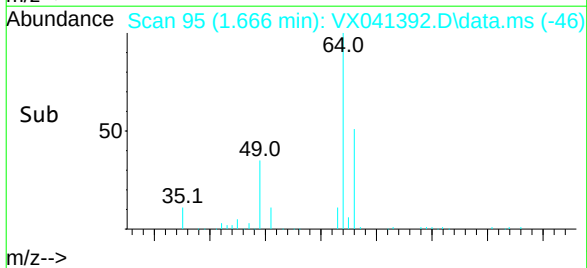
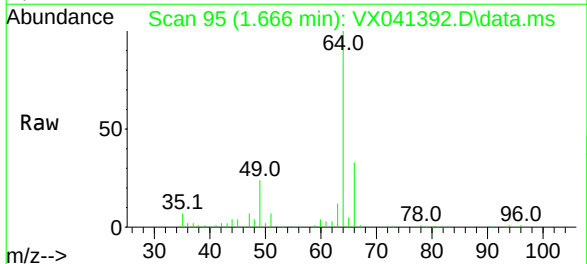
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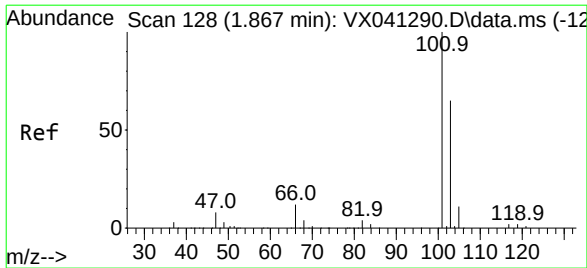
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#6
Chloroethane
Concen: 66.726 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

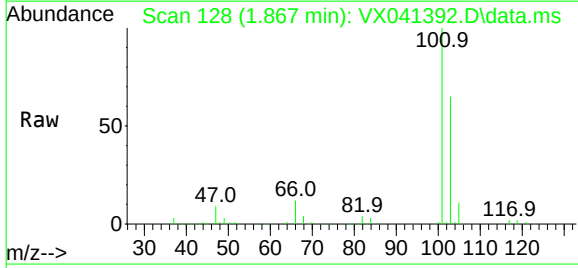
Tgt Ion: 64 Resp: 43713
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.873 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX041392.D
 Acq: 06 May 2024 20:17

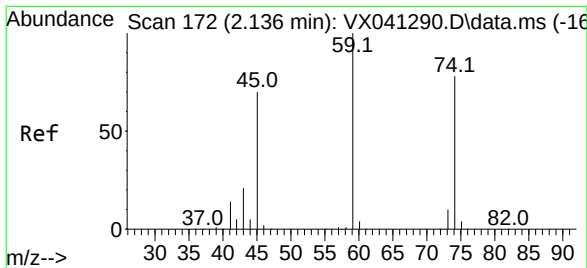
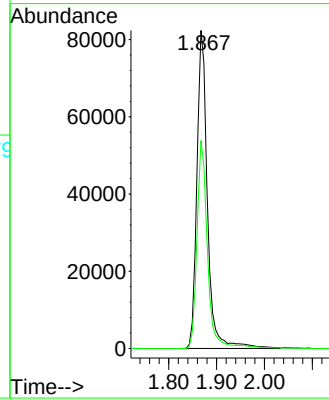
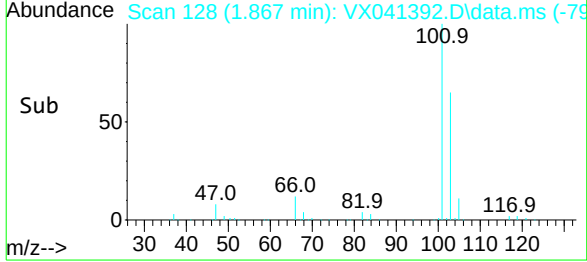
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 101 Resp: 126207
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

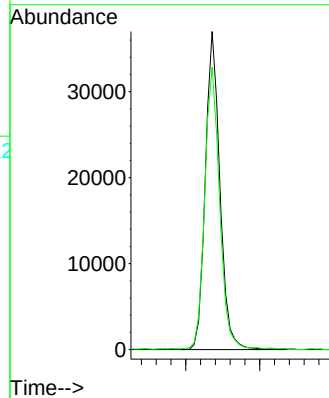
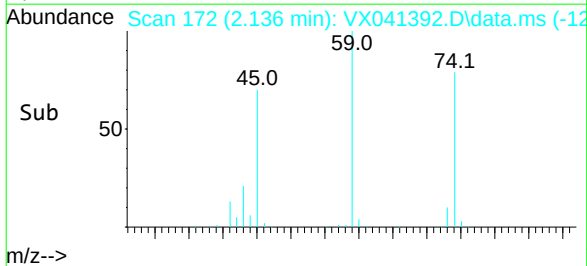
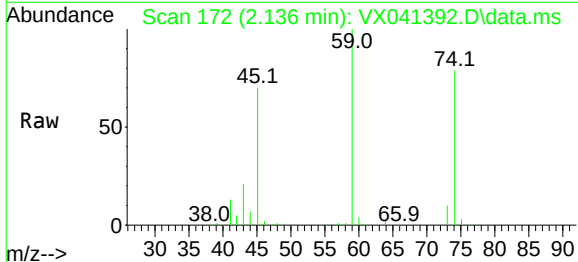
Manual Integrations
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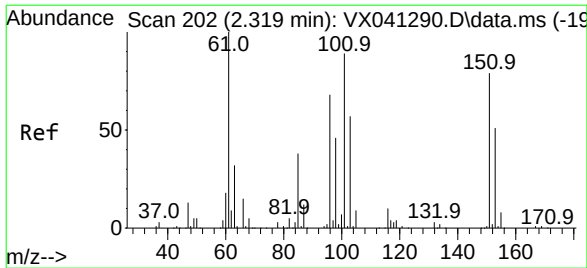
Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024



#8
 Diethyl Ether
 Concen: 58.883 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX041392.D
 Acq: 06 May 2024 20:17

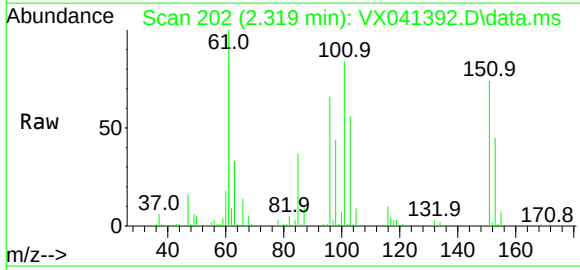
Tgt Ion: 74 Resp: 50495
 Ion Ratio Lower Upper
 74 100
 45 90.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.210 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

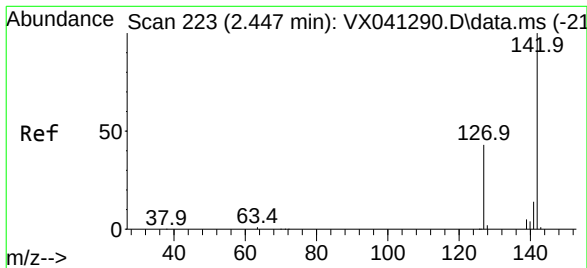
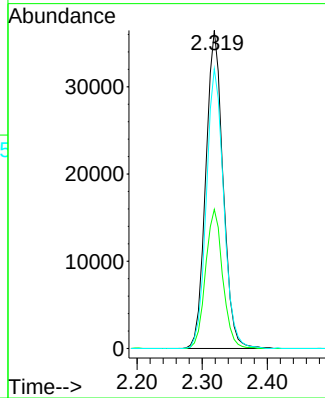
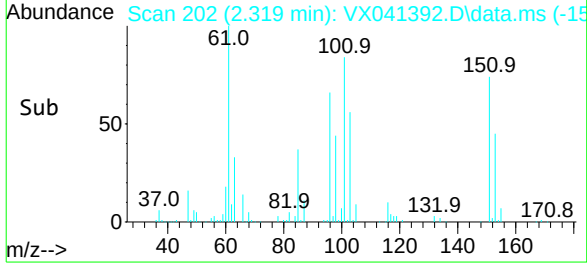
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 67291
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 88.2 58.6 87.8#

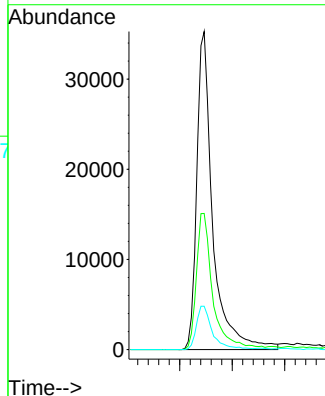
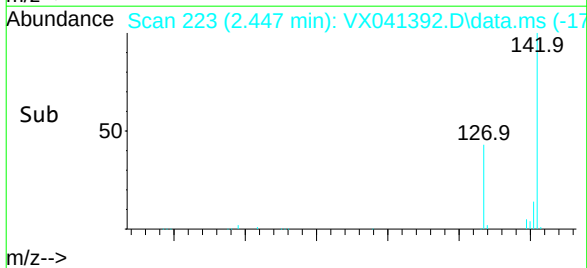
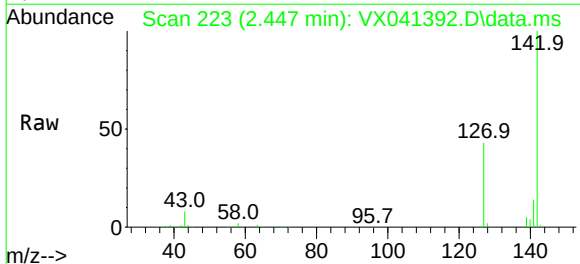
Manual Integrations
APPROVED

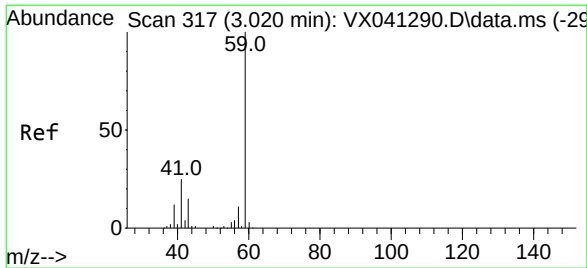
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#10
Methyl Iodide
Concen: 50.546 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:142 Resp: 74389
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 297.935 ug/l

RT: 3.001 min Scan# 311

Delta R.T. -0.018 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 113003

Ion Ratio Lower Upper

59 100

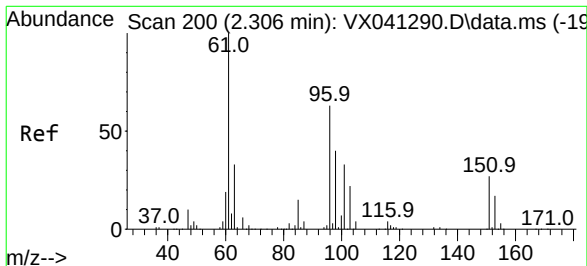
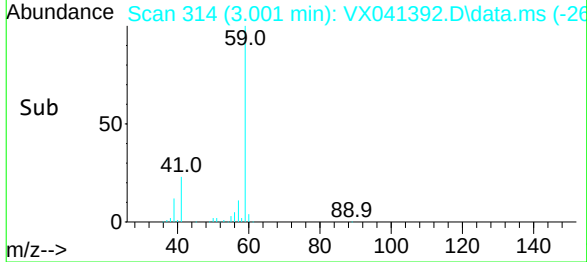
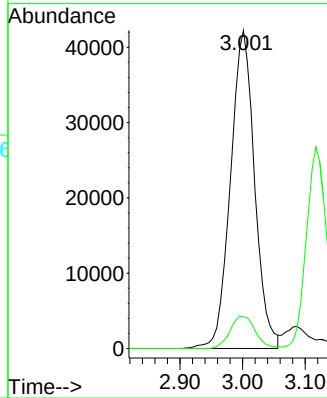
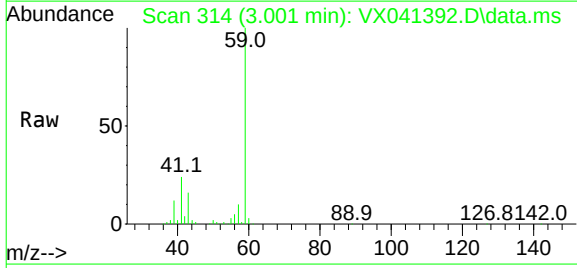
57 10.7 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#12

1,1-Dichloroethene

Concen: 50.025 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

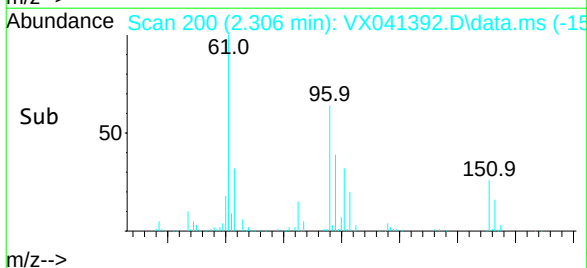
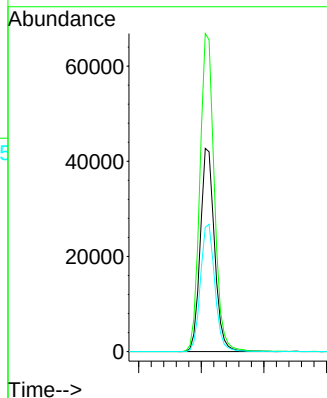
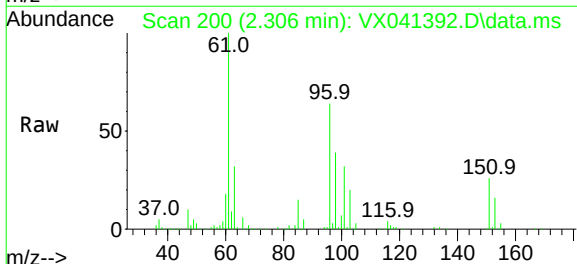
Tgt Ion: 96 Resp: 67479

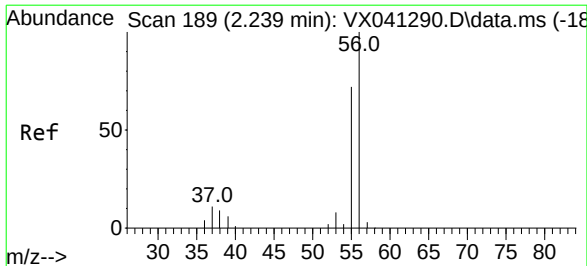
Ion Ratio Lower Upper

96 100

61 156.5 144.6 216.8

98 61.1 50.4 75.6





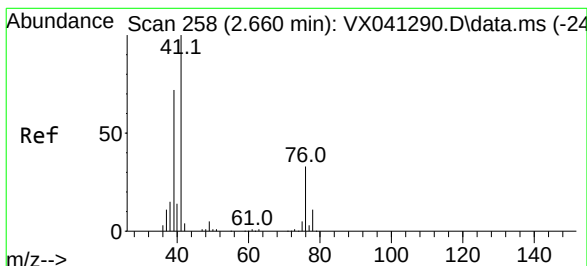
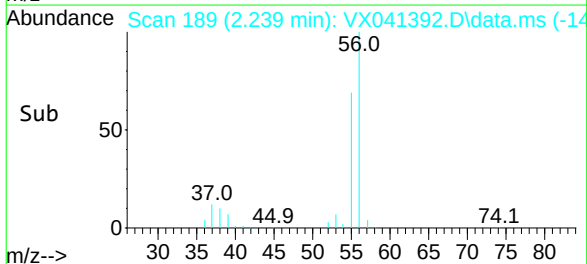
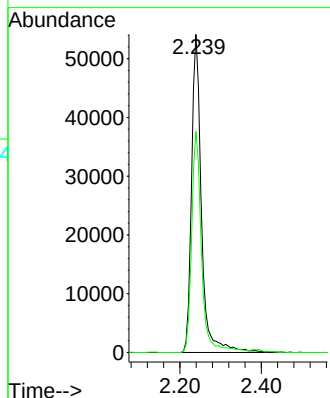
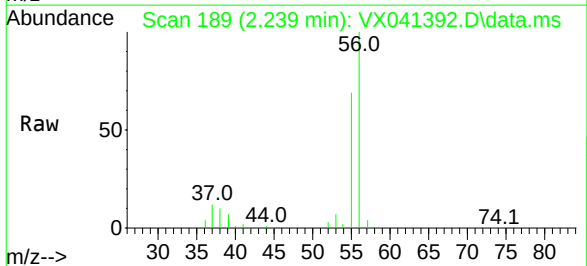
#13
Acrolein
Concen: 304.128 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 91511
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

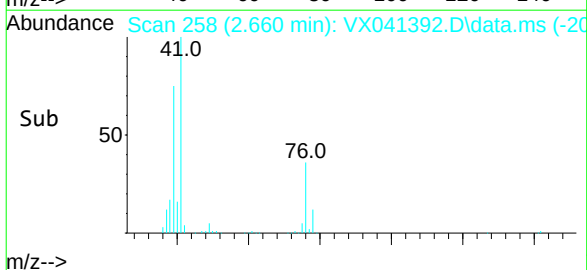
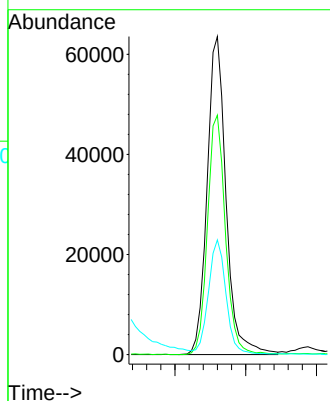
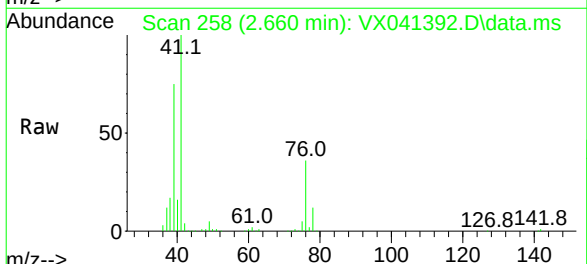
Manual Integrations
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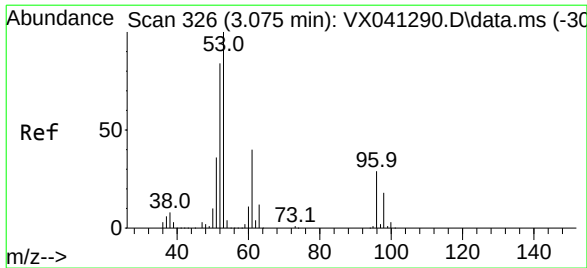
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#14
Allyl chloride
Concen: 52.177 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 41 Resp: 118247
Ion Ratio Lower Upper
41 100
39 71.4 55.8 83.6
76 33.4 24.3 36.5





#15

Acrylonitrile

Concen: 303.129 ug/l

RT: 3.068 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 262404

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

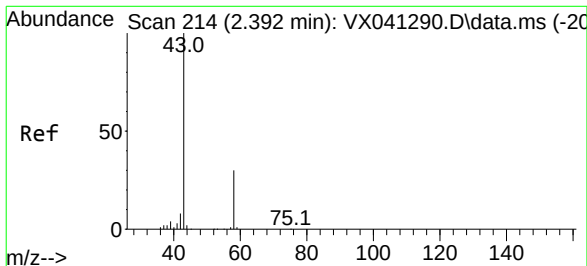
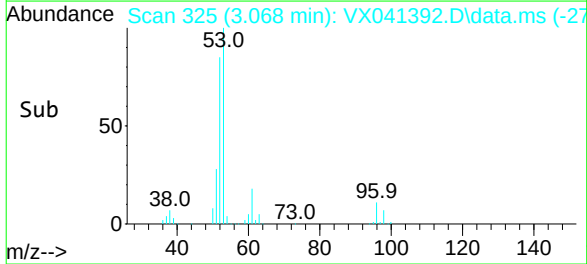
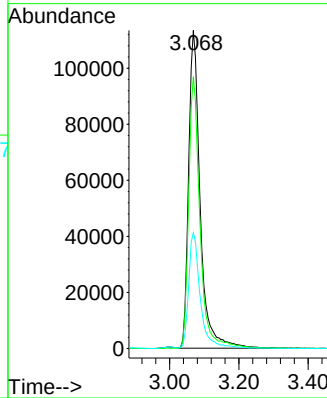
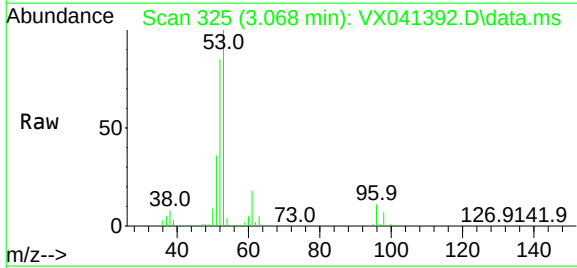
51 36.3 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#16

Acetone

Concen: 270.830 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041392.D

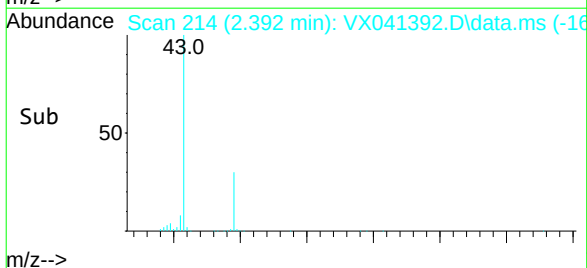
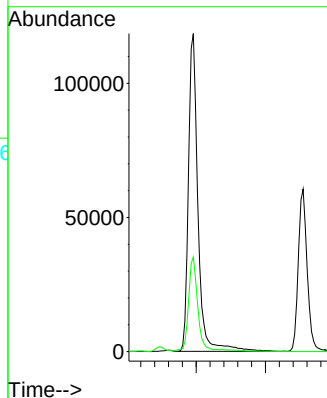
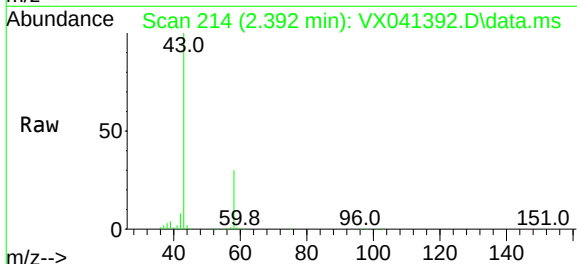
Acq: 06 May 2024 20:17

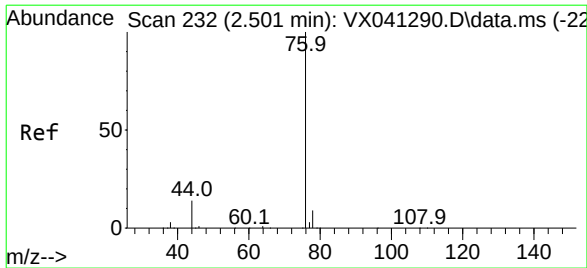
Tgt Ion: 43 Resp: 225732

Ion Ratio Lower Upper

43 100

58 29.7 21.9 32.9





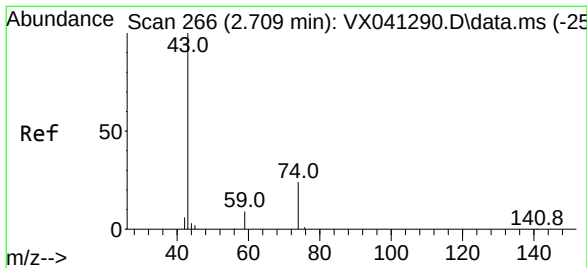
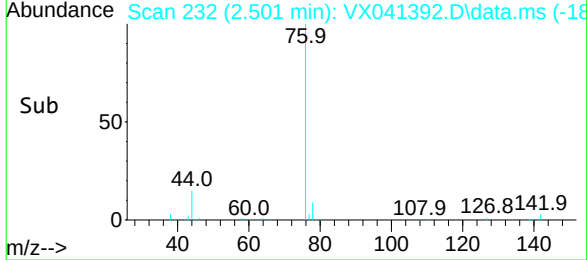
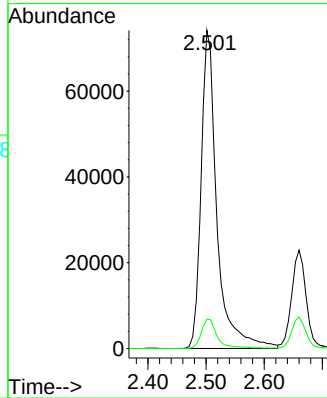
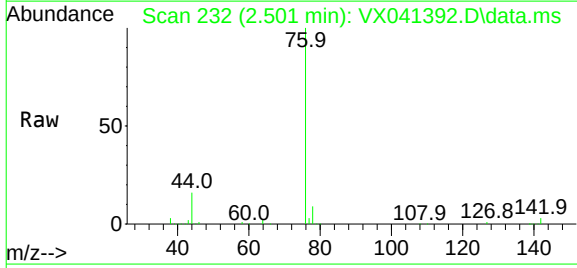
#17
Carbon Disulfide
Concen: 44.085 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 139788
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

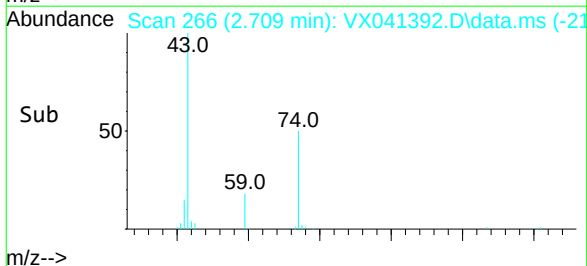
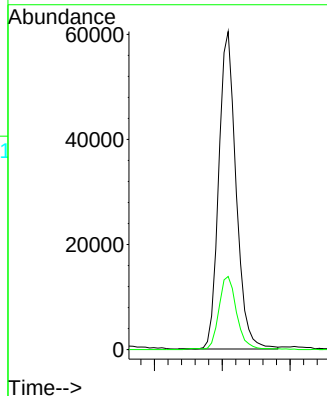
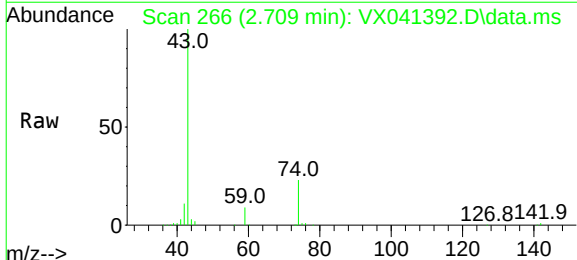
Manual Integrations
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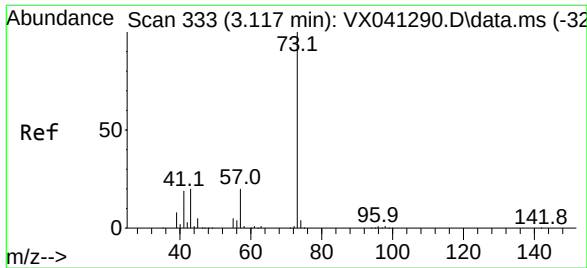
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#18
Methyl Acetate
Concen: 55.352 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 43 Resp: 107316
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8





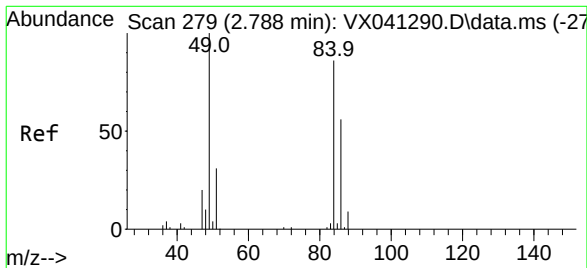
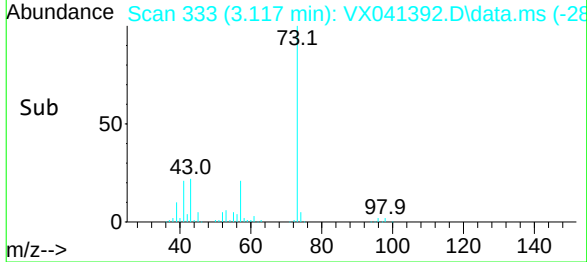
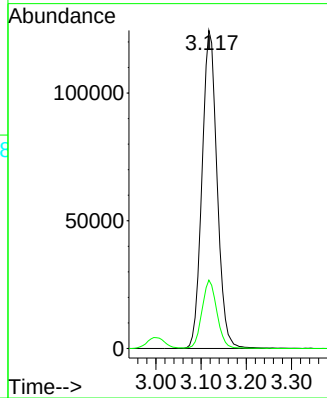
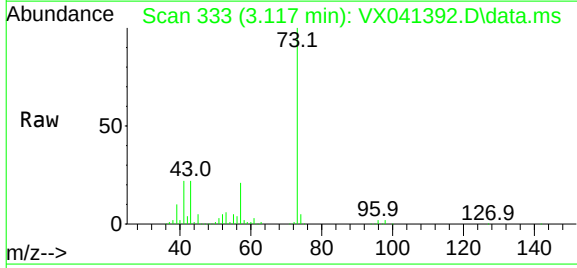
#19
Methyl tert-butyl Ether
Concen: 58.671 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 288501
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

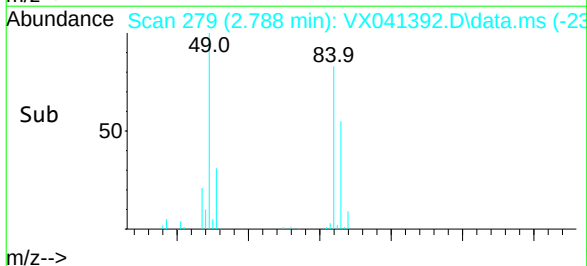
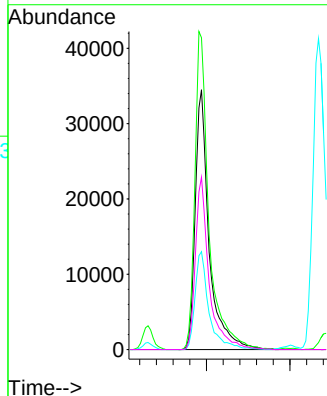
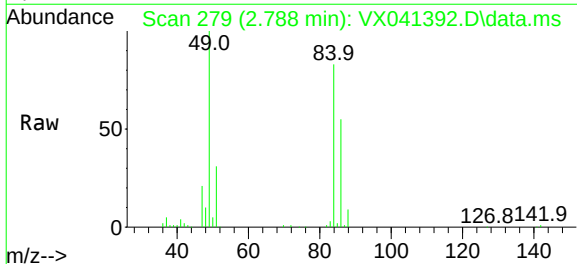
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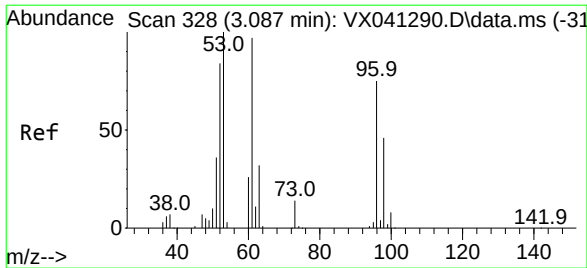
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#20
Methylene Chloride
Concen: 48.326 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 84 Resp: 79501
Ion Ratio Lower Upper
84 100
49 120.0 103.6 155.4
51 37.7 33.8 50.6
86 66.3 49.4 74.0





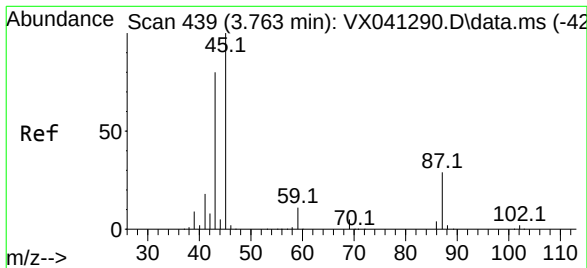
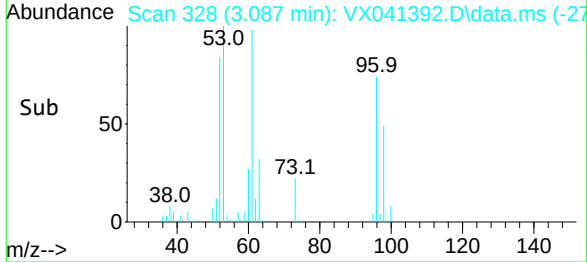
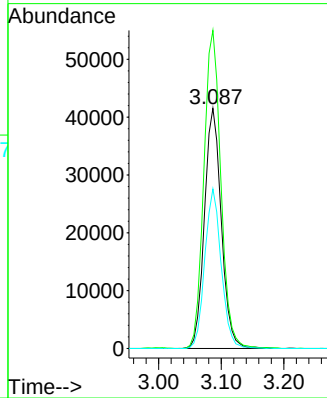
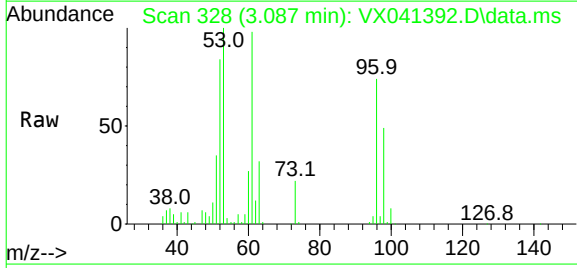
#21
trans-1,2-Dichloroethene
Concen: 51.569 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 77738
Ion Ratio Lower Upper
96 100
61 132.4 119.2 178.8
98 66.4 48.7 73.1

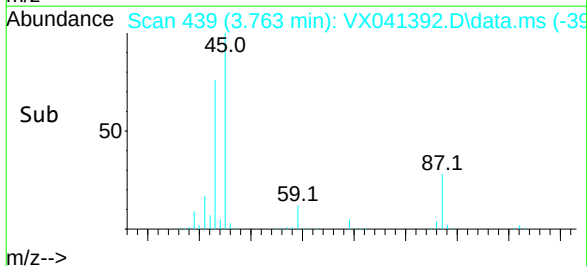
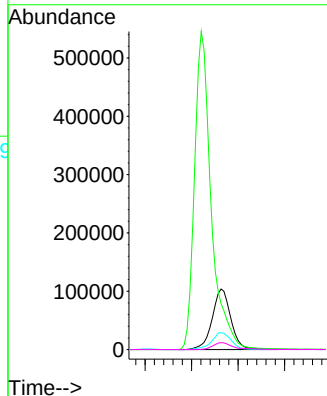
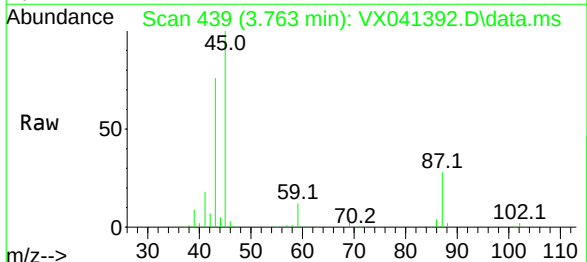
Manual Integrations
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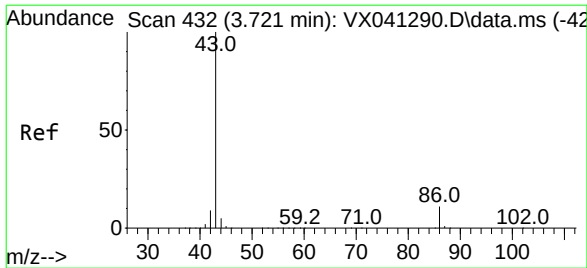
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#22
Diisopropyl ether
Concen: 59.859 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 45 Resp: 287499
Ion Ratio Lower Upper
45 100
43 75.8 69.7 104.5
87 28.1 20.8 31.2
59 11.6 9.0 13.4





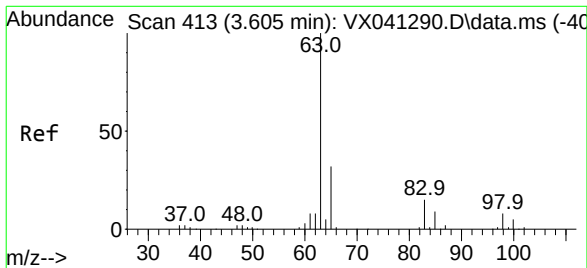
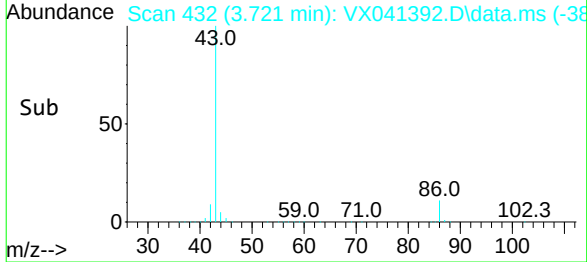
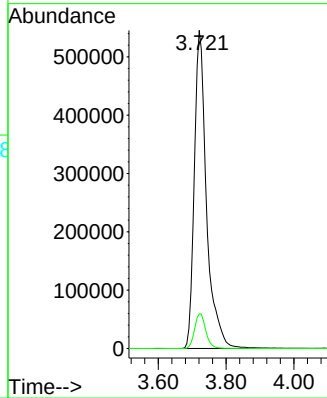
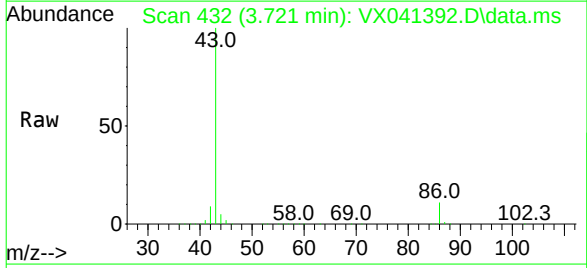
#23
 Vinyl Acetate
 Concen: 318.055 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX041392.D
 Acq: 06 May 2024 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1366484
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

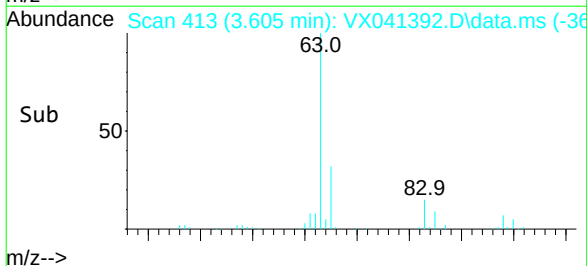
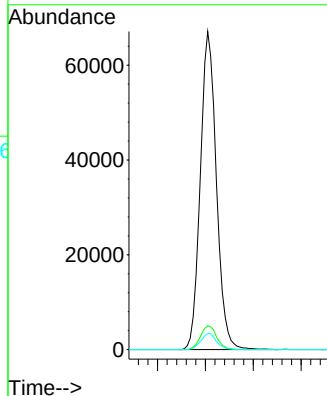
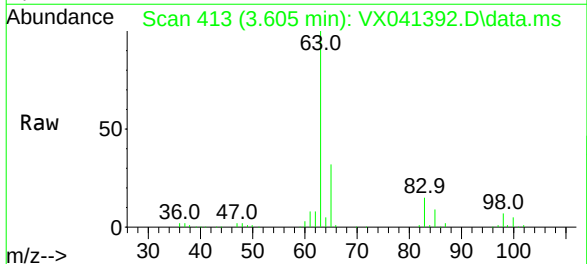
Manual Integrations
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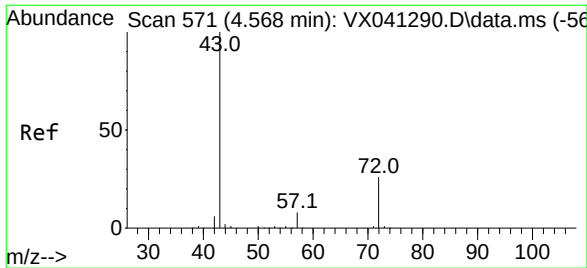
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024



#24
 1,1-Dichloroethane
 Concen: 57.635 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041392.D
 Acq: 06 May 2024 20:17

Tgt Ion: 63 Resp: 156387
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 5.0 2.1 6.5





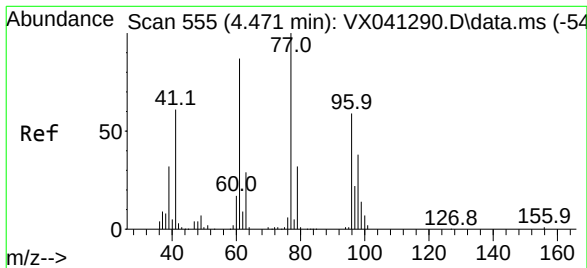
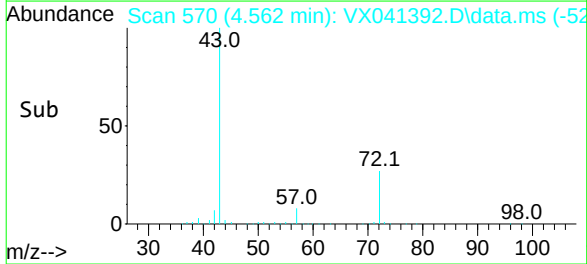
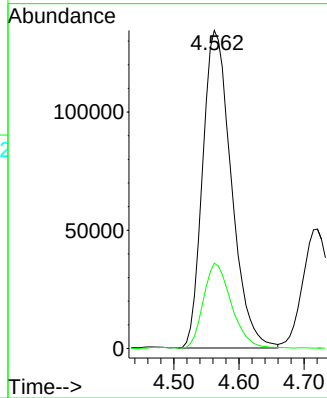
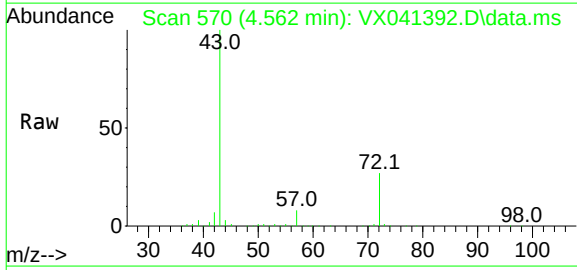
#25
2-Butanone
Concen: 334.782 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 410606
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

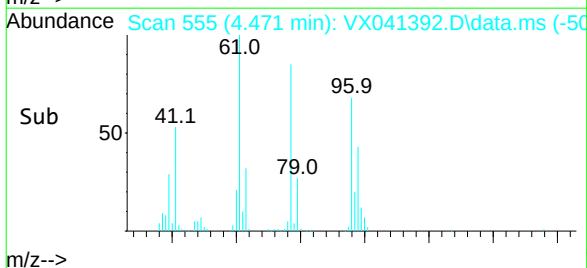
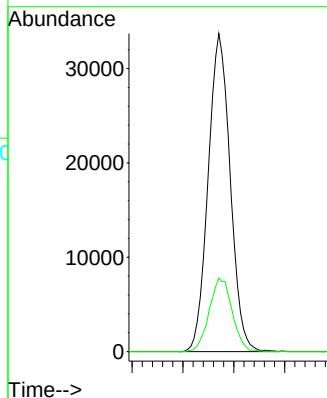
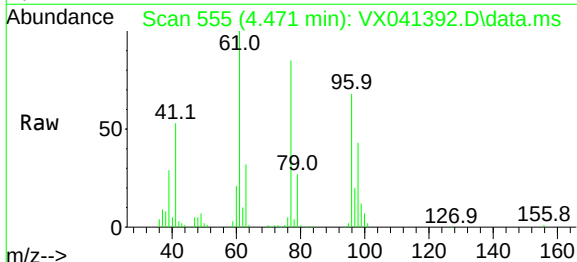
Manual Integrations
APPROVED

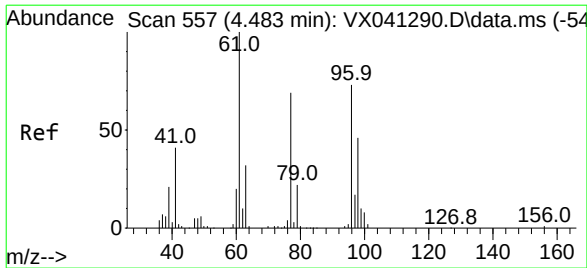
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#26
2,2-Dichloropropane
Concen: 44.726 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

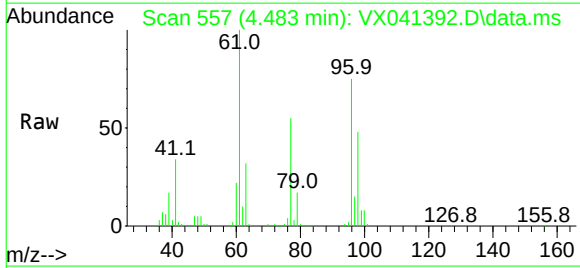
Tgt Ion: 77 Resp: 101468
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 58.967 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

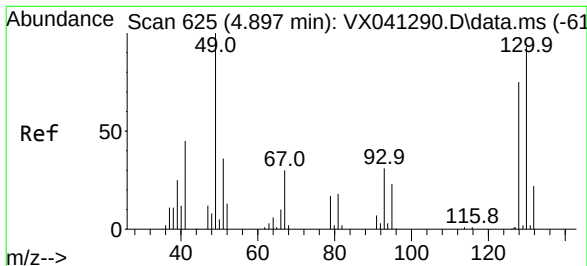
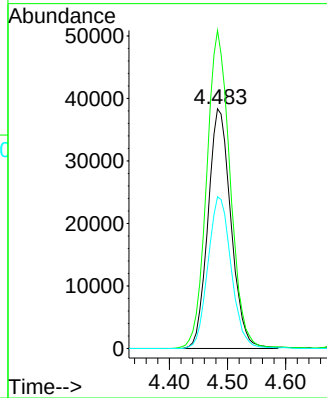
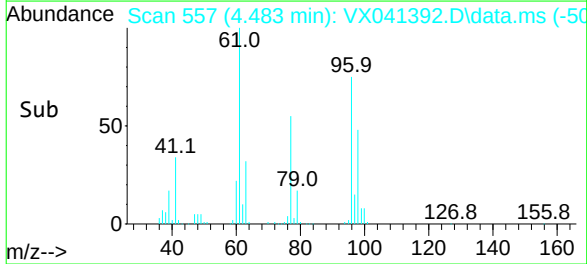
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 105248
Ion Ratio Lower Upper
96 100
61 135.2 0.0 312.2
98 64.1 0.0 129.0

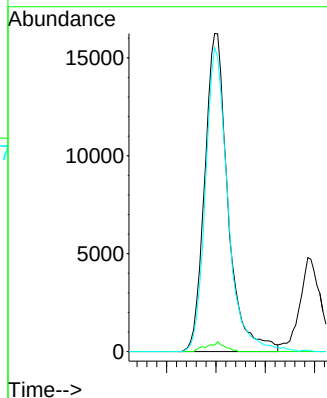
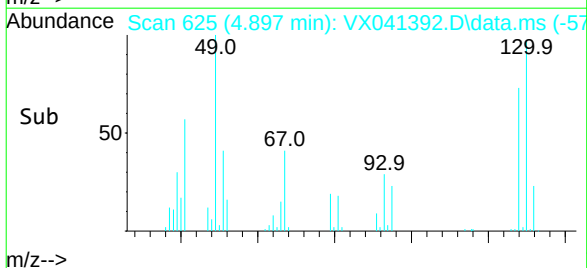
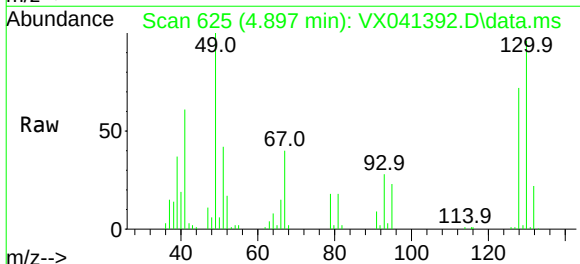
Manual Integrations
APPROVED

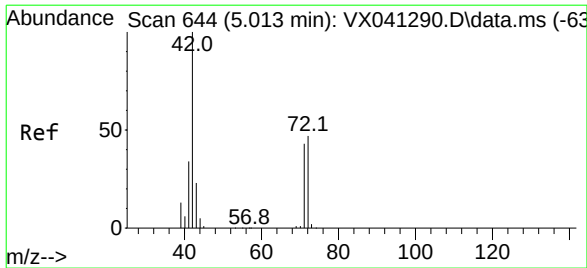
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#28
Bromochloromethane
Concen: 54.916 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 49 Resp: 53180
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 92.7 57.5 86.3#





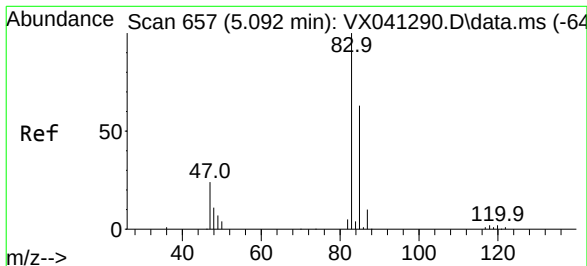
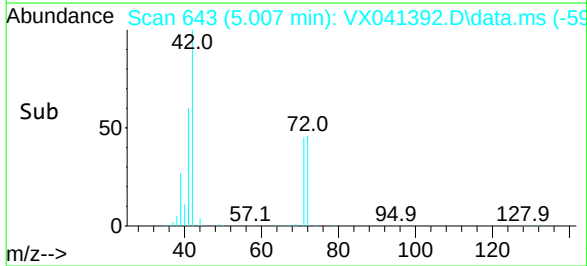
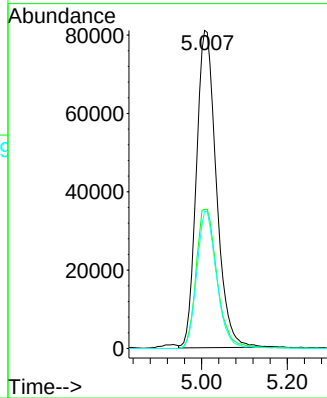
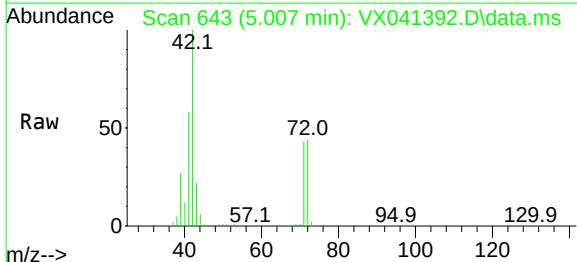
#29
Tetrahydrofuran
Concen: 327.217 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 262467
Ion Ratio Lower Upper
42 100
72 46.2 34.2 51.4
71 43.0 32.2 48.2

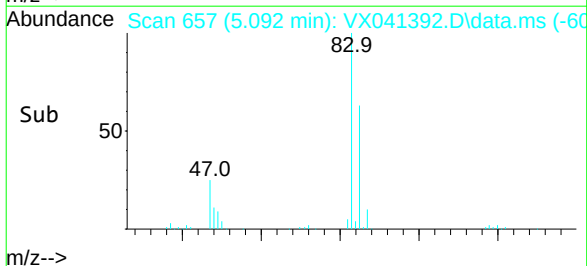
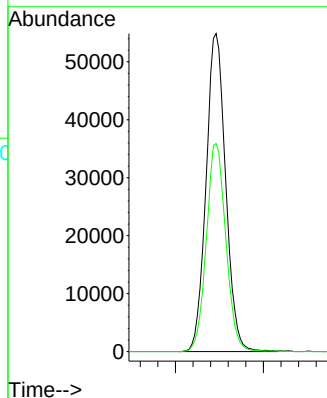
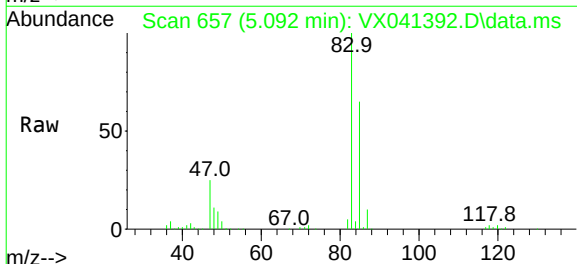
Manual Integrations
APPROVED

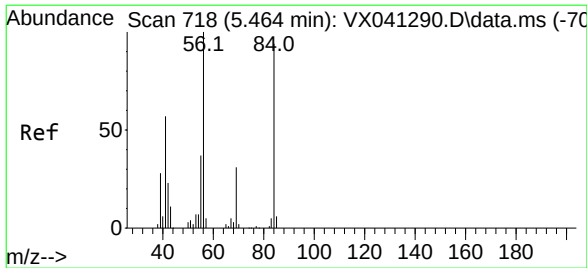
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#30
Chloroform
Concen: 60.162 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 83 Resp: 169835
Ion Ratio Lower Upper
83 100
85 65.4 50.3 75.5





#31

Cyclohexane

Concen: 50.697 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX041392.D

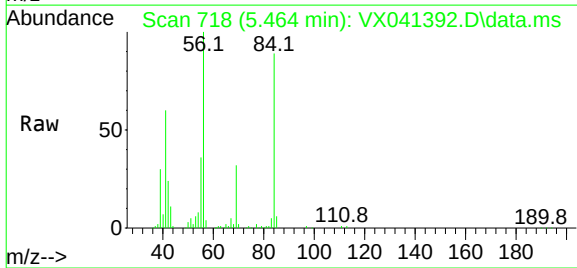
Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 115949

Ion Ratio Lower Upper

56 100

69 31.6 23.4 35.2

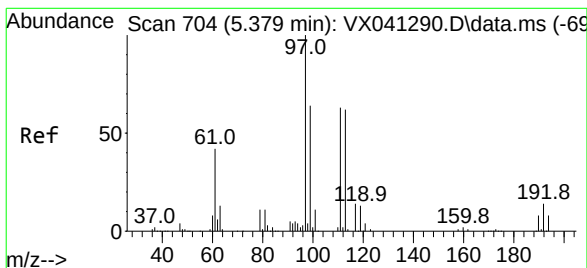
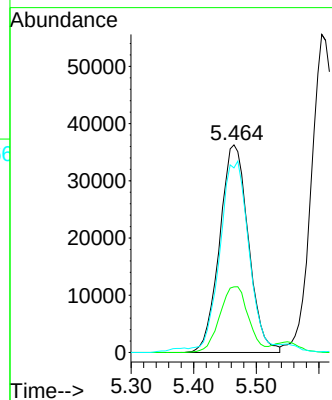
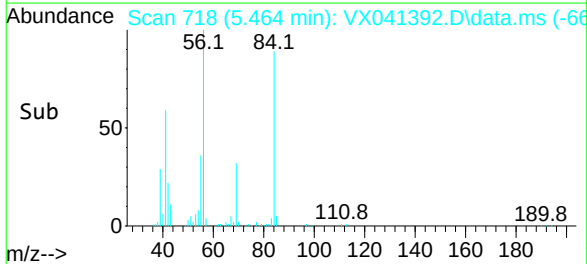
84 87.0 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#32

1,1,1-Trichloroethane

Concen: 55.800 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

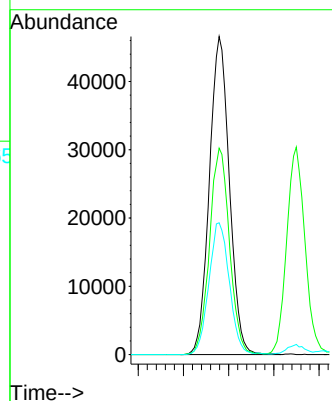
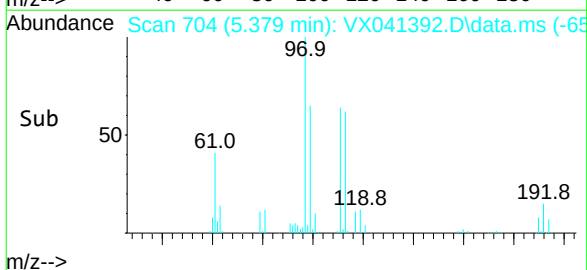
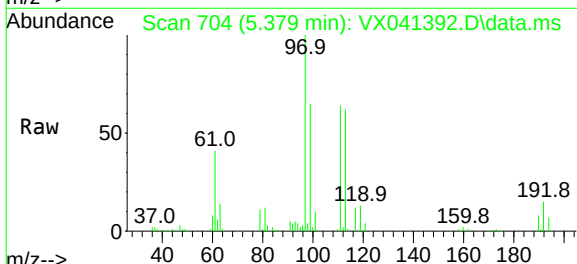
Tgt Ion: 97 Resp: 143313

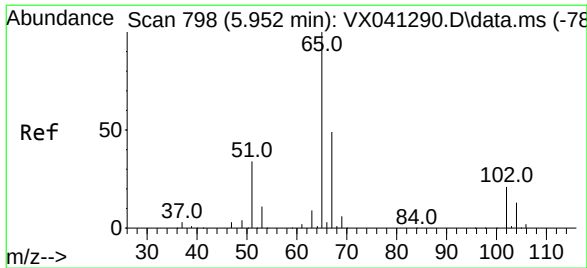
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 42.3 36.4 54.6





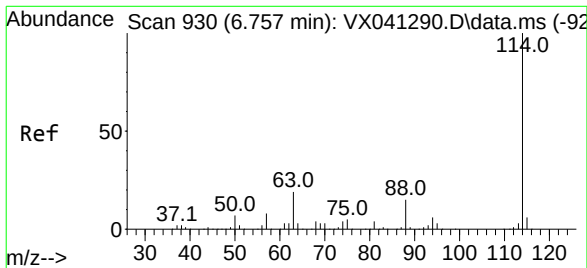
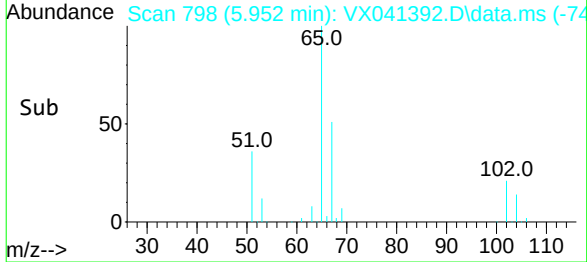
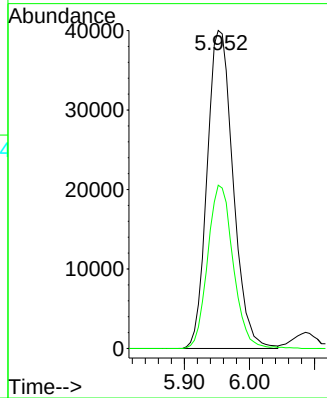
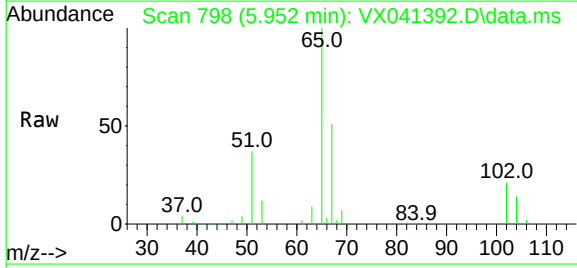
#33
1,2-Dichloroethane-d4
Concen: 58.455 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 110771
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

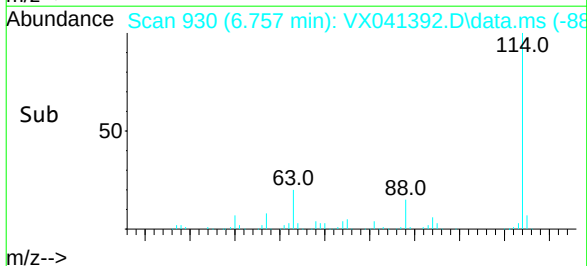
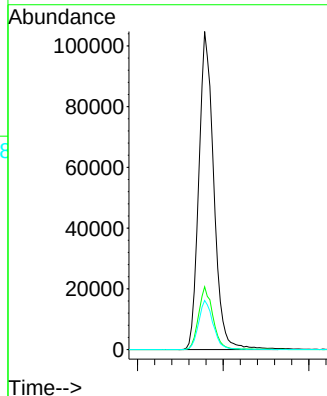
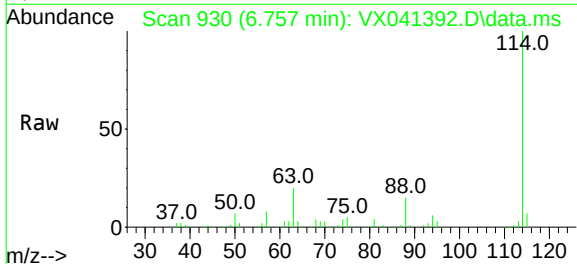
Manual Integrations
APPROVED

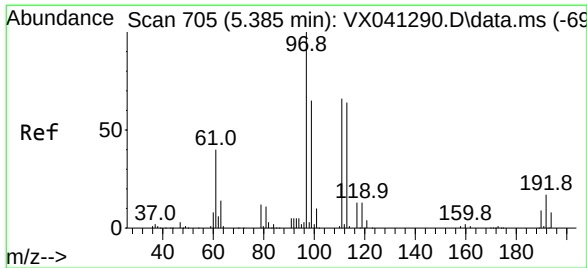
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

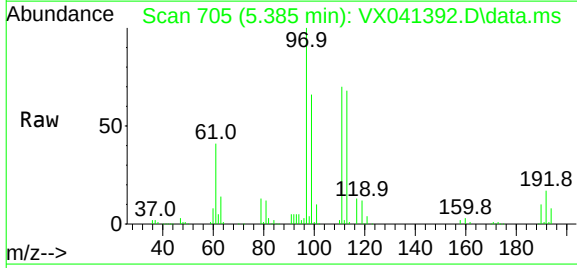
Tgt Ion:114 Resp: 254127
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.001 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

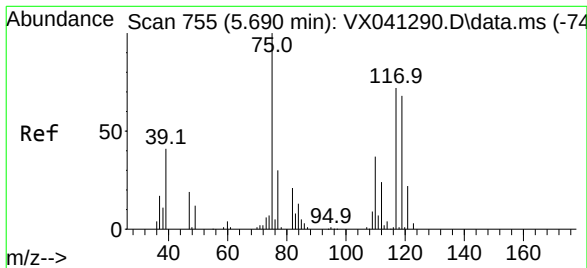
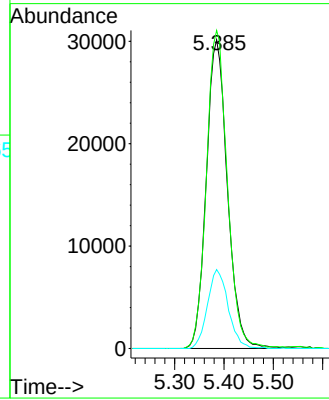
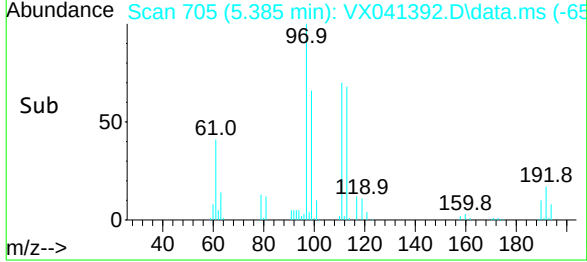
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 89554
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 25.2 13.3 19.9#

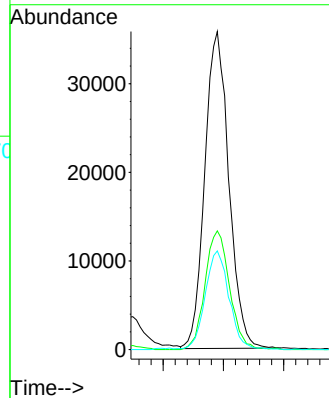
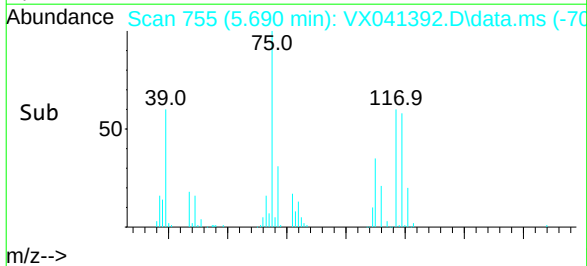
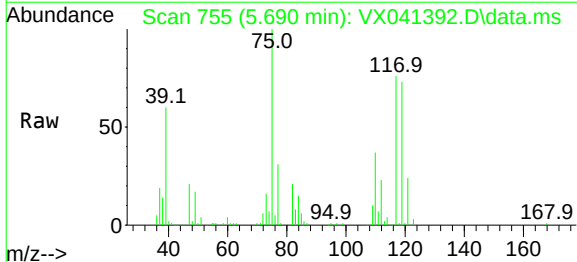
Manual Integrations
APPROVED

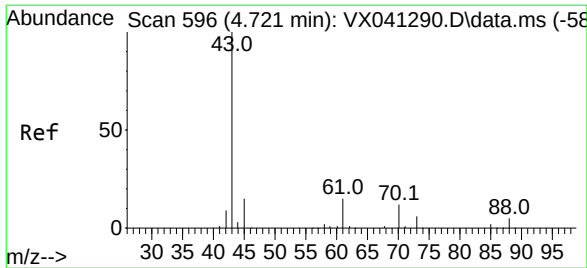
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024



#36
1,1-Dichloropropene
Concen: 48.214 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 75 Resp: 99285
Ion Ratio Lower Upper
75 100
110 38.1 17.0 50.9
77 31.0 24.7 37.1





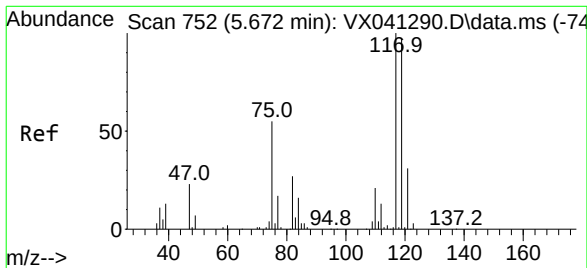
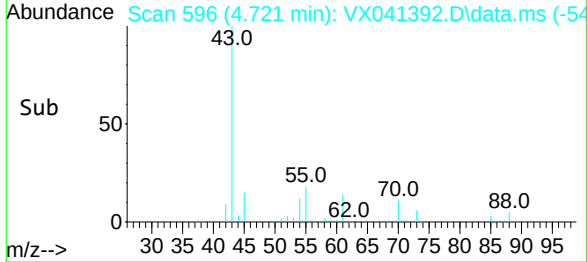
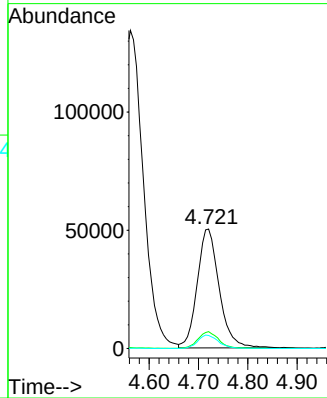
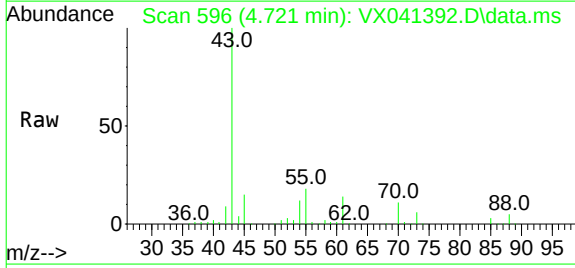
#37
Ethyl Acetate
Concen: 60.441 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	155299
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	16.0
70	10.7	8.3	12.5

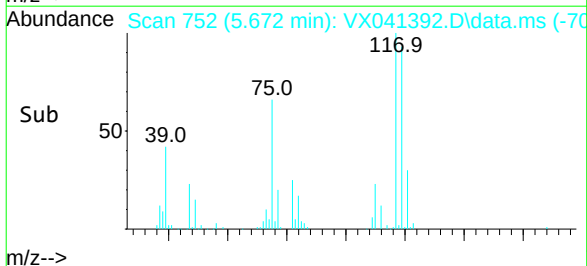
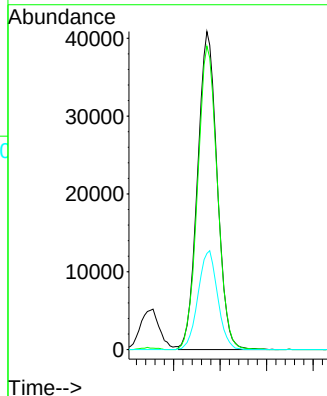
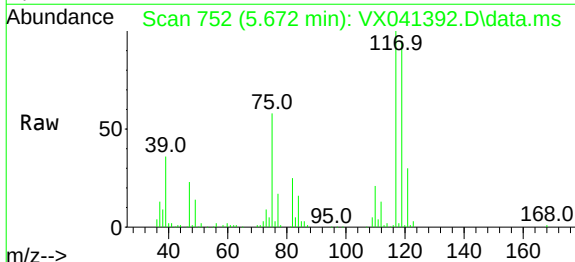
Manual Integrations
APPROVED

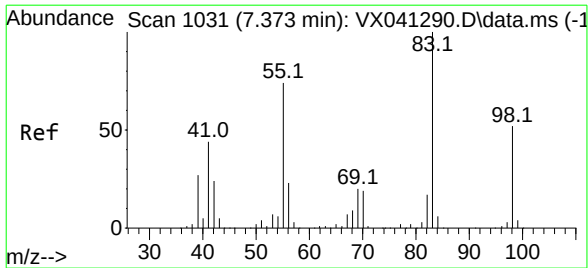
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#38
Carbon Tetrachloride
Concen: 50.746 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:	117	Resp:	119713
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.2
121	30.2	24.4	36.6





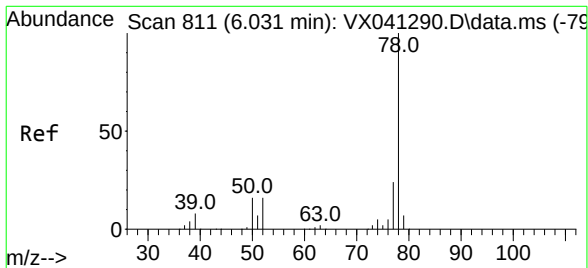
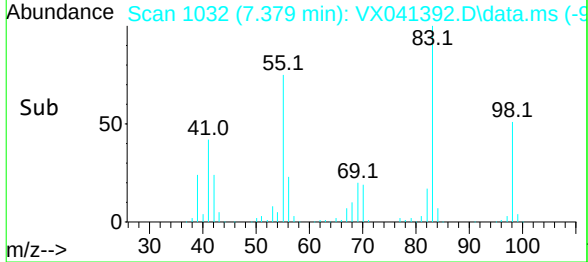
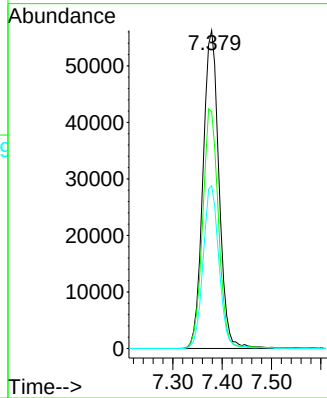
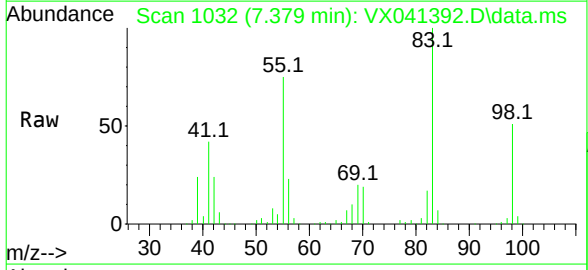
#39
Methylcyclohexane
Concen: 52.433 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 126849
Ion Ratio Lower Upper
83 100
55 74.5 64.6 97.0
98 51.2 36.7 55.1

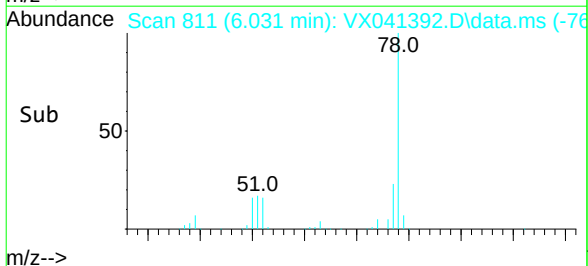
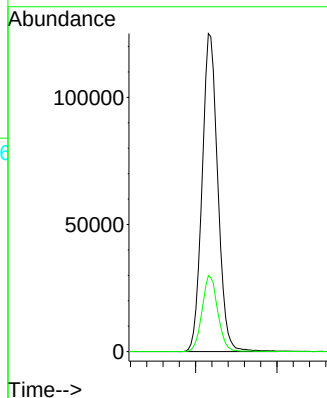
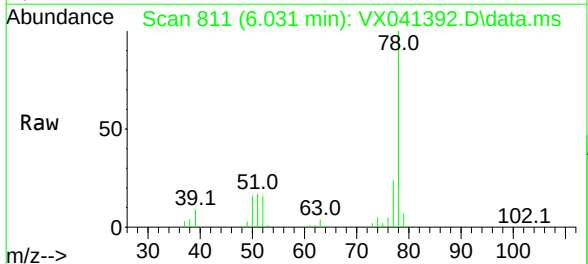
Manual Integrations
APPROVED

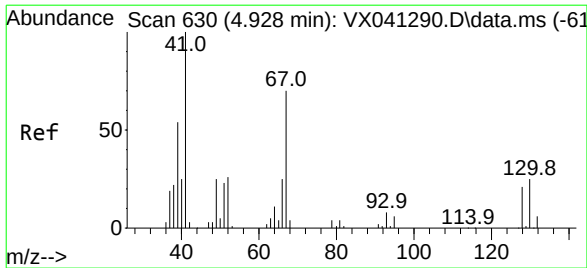
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#40
Benzene
Concen: 52.839 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 78 Resp: 335433
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





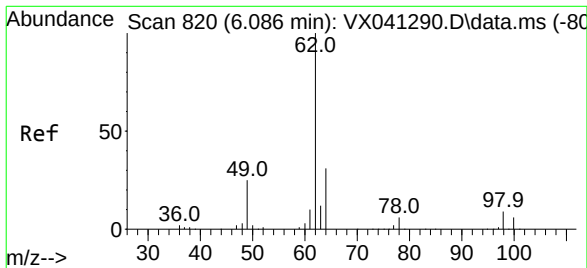
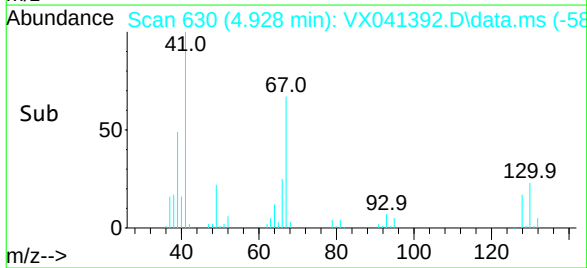
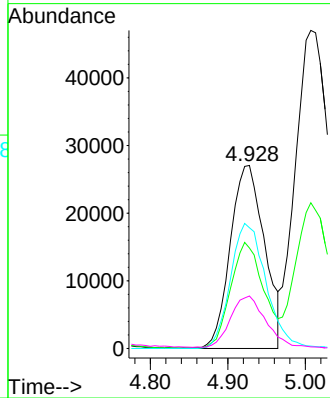
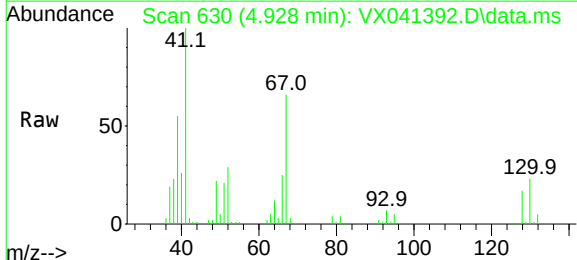
#41
Methacrylonitrile
Concen: 62.938 ug/l
RT: 4.928 min Scan# 630
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	83232
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.2	67.8
67	71.3	52.6	78.8
52	29.1	22.7	34.1

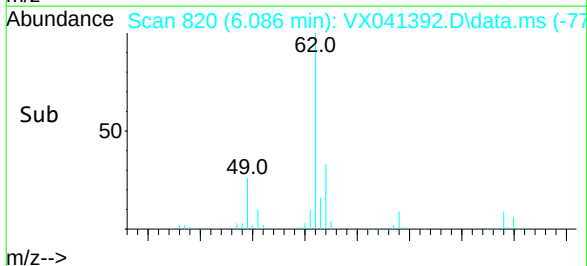
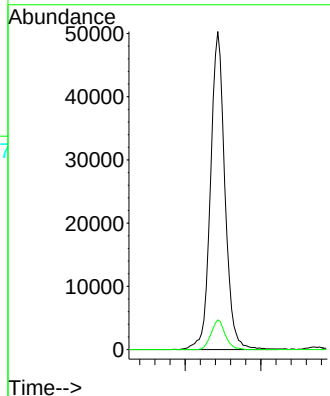
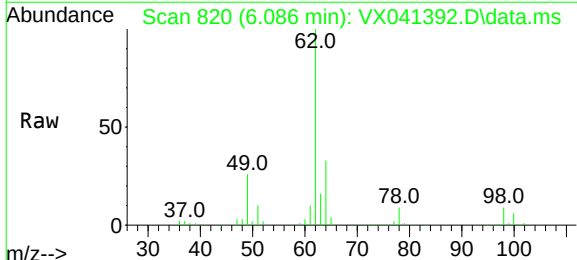
Manual Integrations
APPROVED

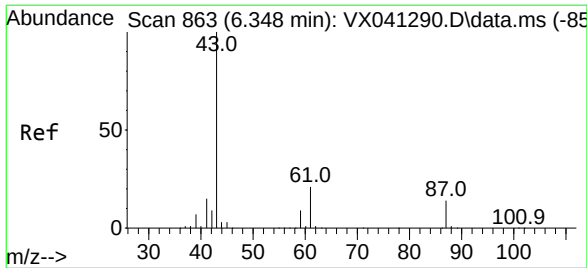
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#42
1,2-Dichloroethane
Concen: 57.176 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:	62	Resp:	133021
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 59.833 ug/l

RT: 6.342 min Scan# 863

Delta R.T. -0.006 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

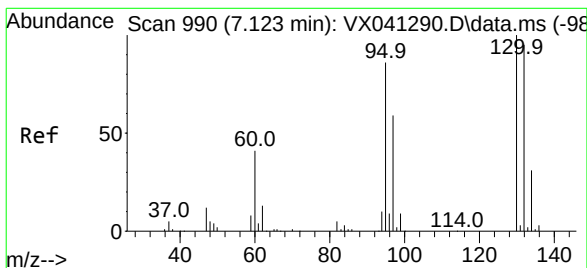
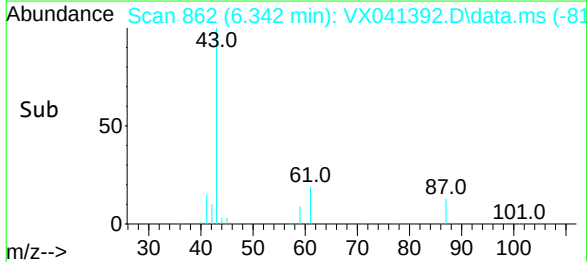
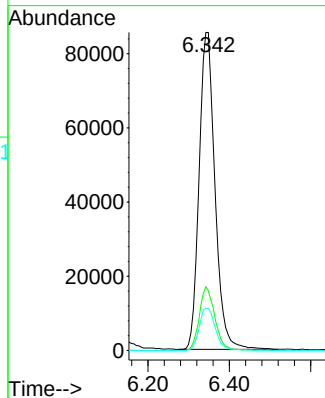
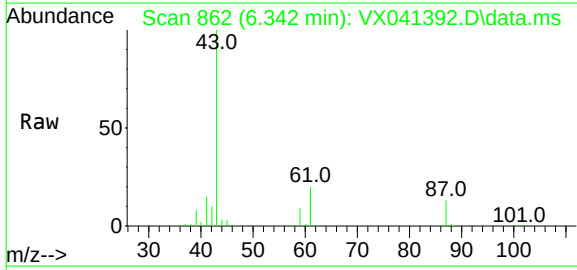
Tgt Ion:	43	Resp:	231150
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.2	22.8
87	13.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#44

Trichloroethene

Concen: 54.884 ug/l

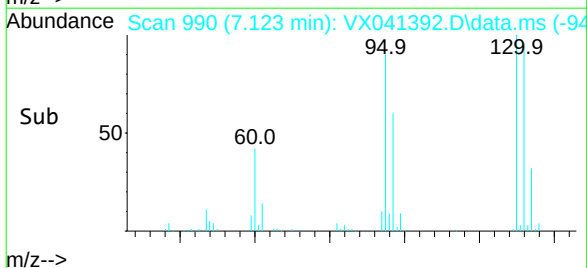
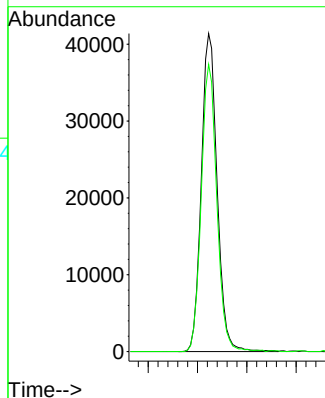
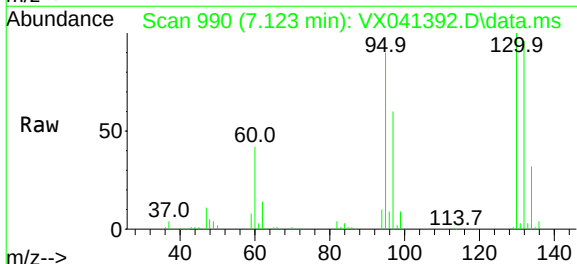
RT: 7.123 min Scan# 990

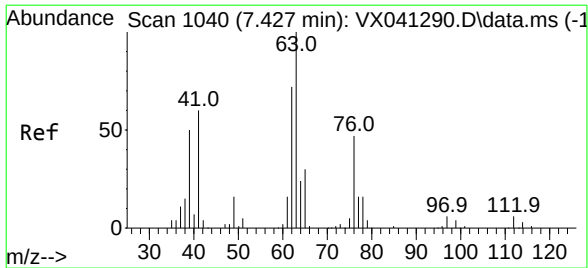
Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Tgt Ion:	130	Resp:	92002
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	204.4





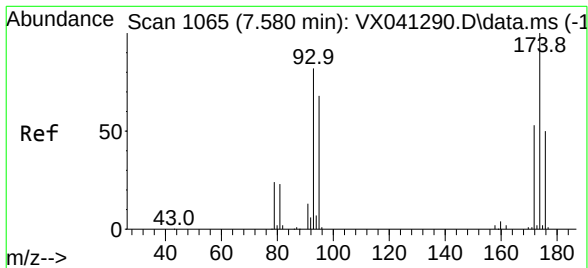
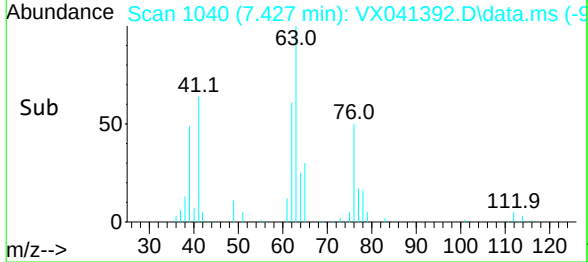
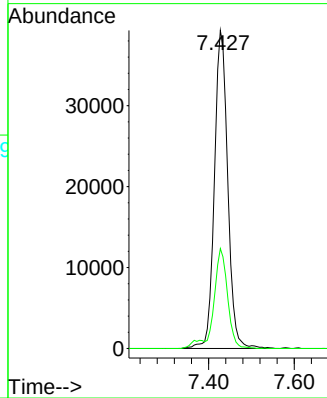
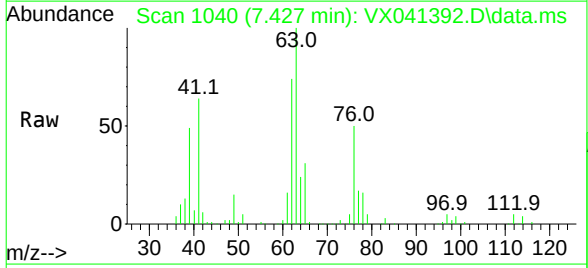
#45
1,2-Dichloropropane
Concen: 59.902 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 84963
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5

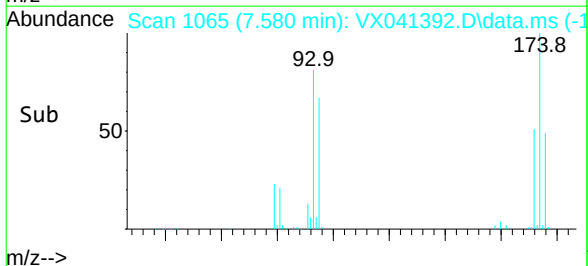
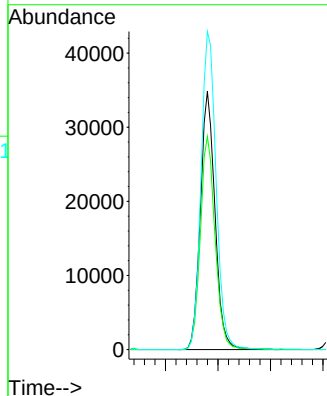
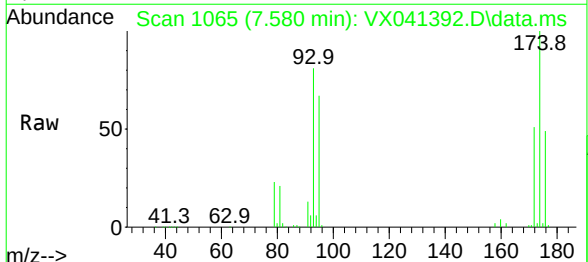
Manual Integrations
APPROVED

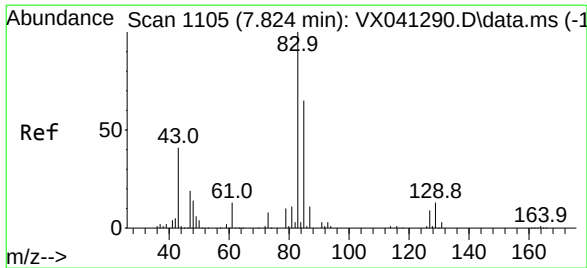
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#46
Dibromomethane
Concen: 59.591 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 93 Resp: 67285
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 126.9 69.4 104.0#





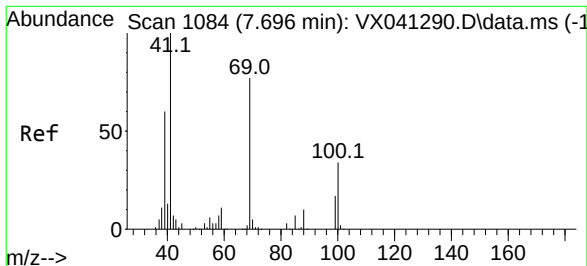
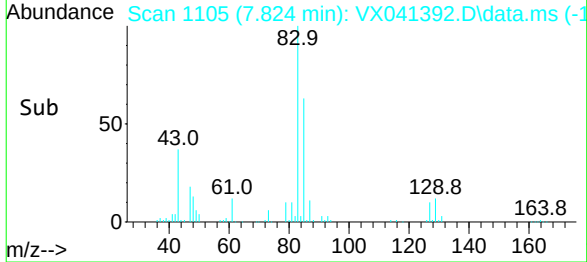
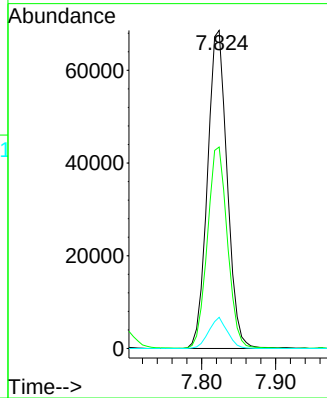
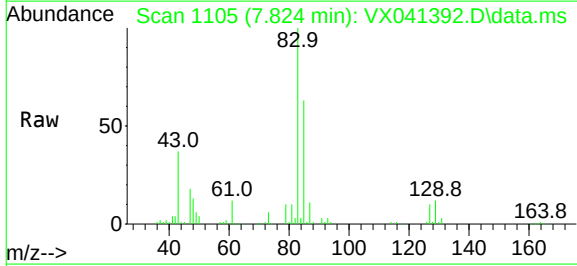
#47
Bromodichloromethane
Concen: 63.071 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 126904
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 9.8 7.1 10.7

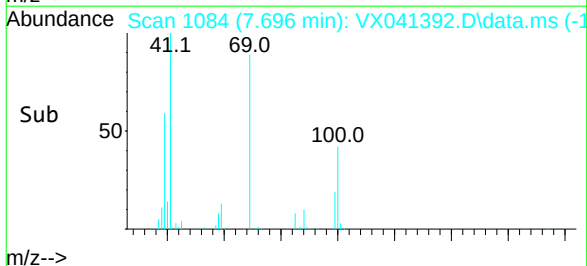
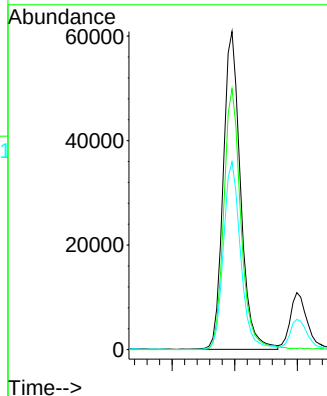
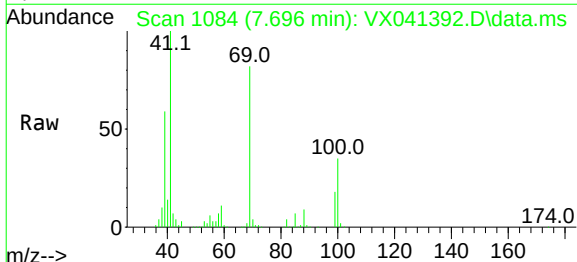
Manual Integrations
APPROVED

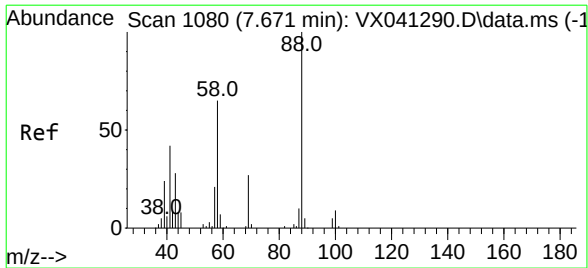
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#48
Methyl methacrylate
Concen: 65.941 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

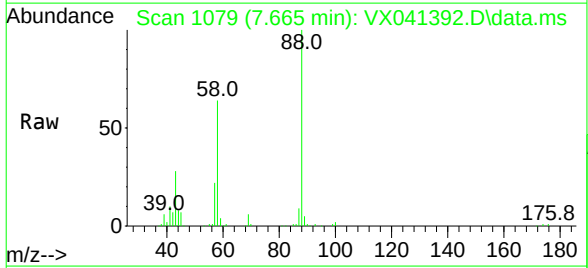
Tgt Ion: 41 Resp: 116778
Ion Ratio Lower Upper
41 100
69 81.0 59.2 88.8
39 58.9 47.7 71.5





#49
1,4-Dioxane
Concen: 1480.720 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

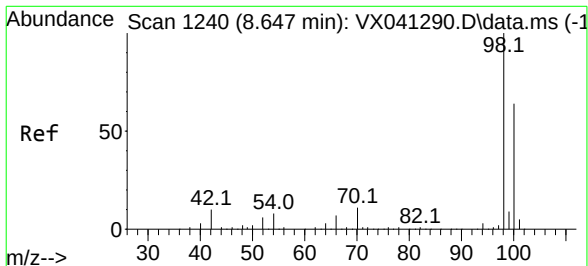
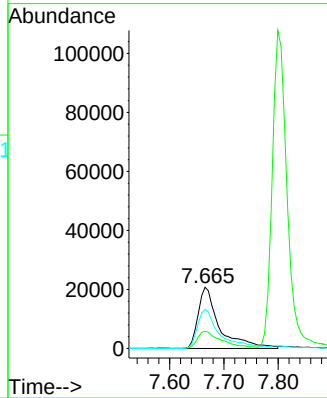
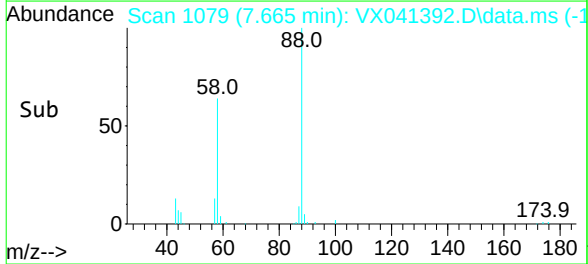
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 56695
Ion Ratio Lower Upper
88 100
43 31.3 0.0 0.0#
58 66.1 60.1 90.1

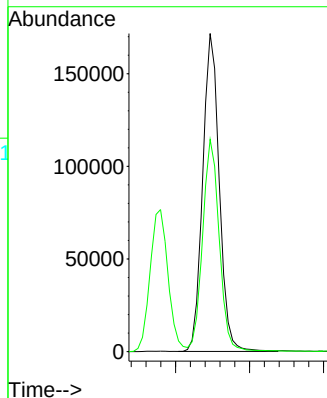
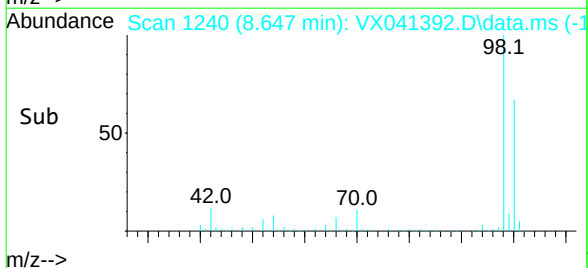
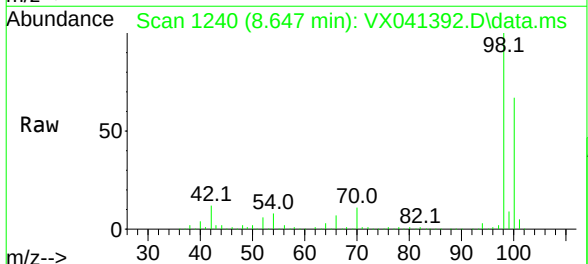
Manual Integrations
APPROVED

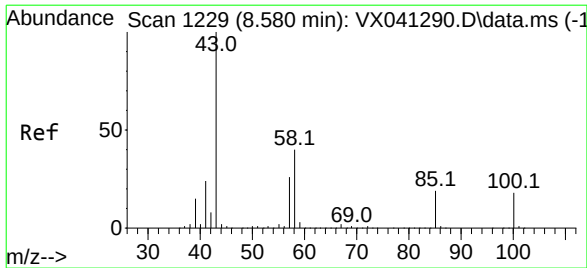
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#50
Toluene-d8
Concen: 49.044 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 98 Resp: 267328
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





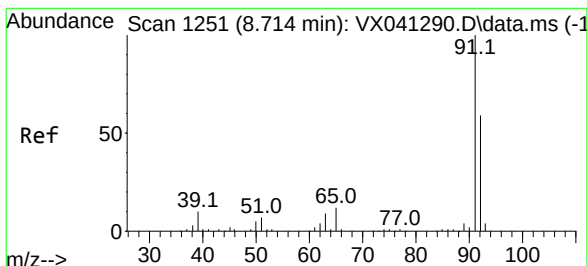
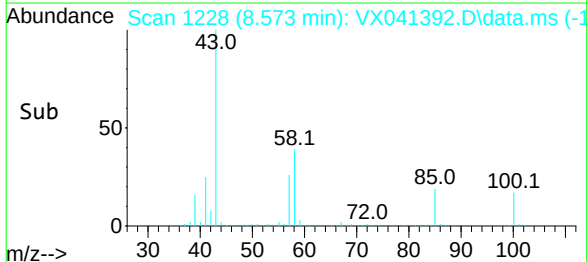
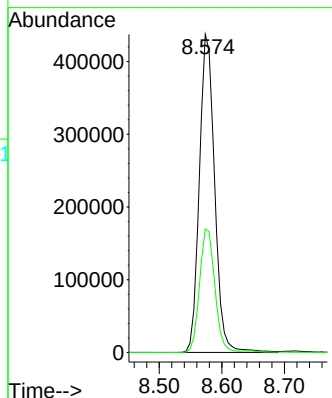
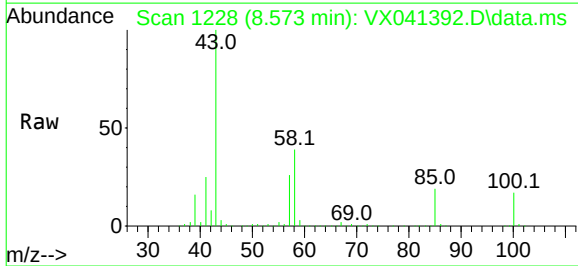
#51
4-Methyl-2-Pentanone
Concen: 320.164 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 742192
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

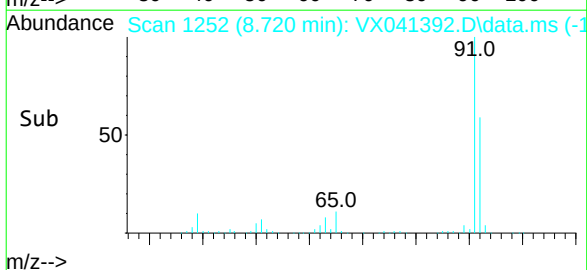
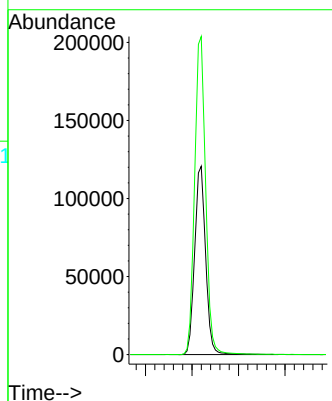
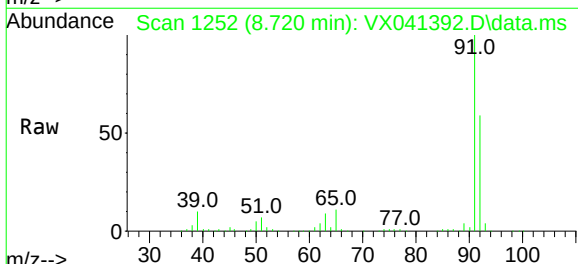
Manual Integrations
APPROVED

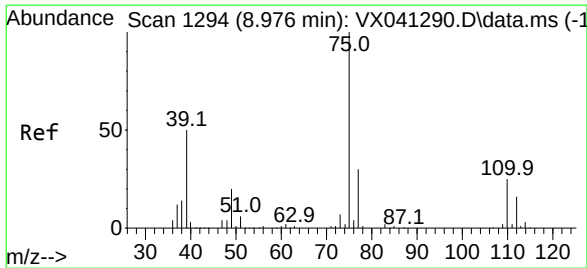
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#52
Toluene
Concen: 50.948 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

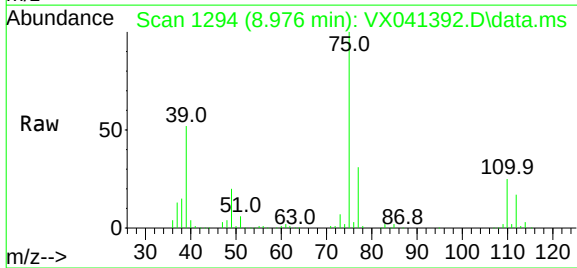
Tgt Ion: 92 Resp: 197849
Ion Ratio Lower Upper
92 100
91 169.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.234 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

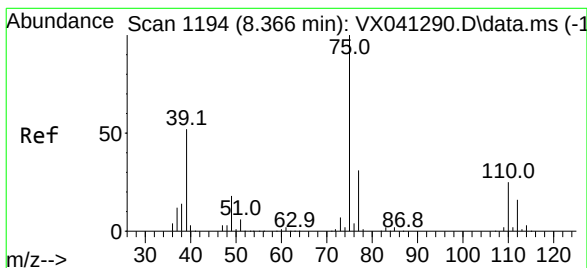
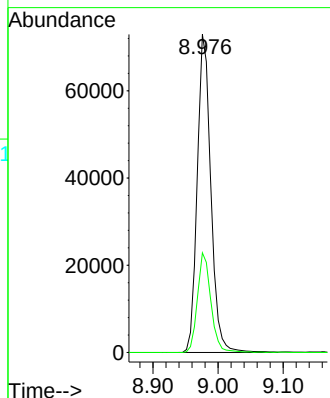
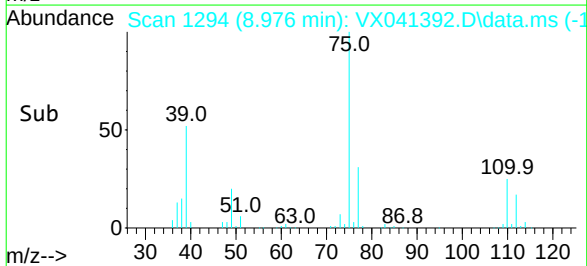
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 106126
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

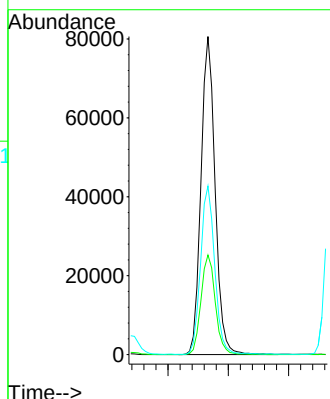
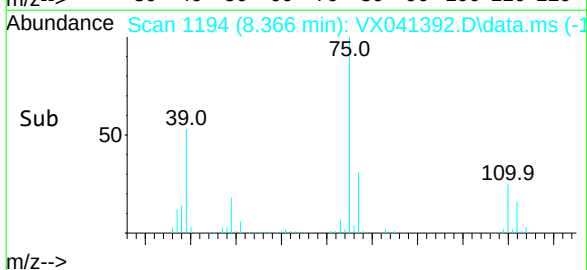
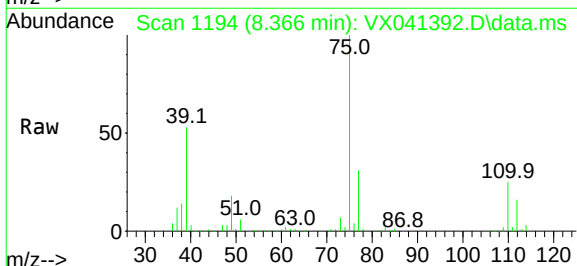
Manual Integrations
APPROVED

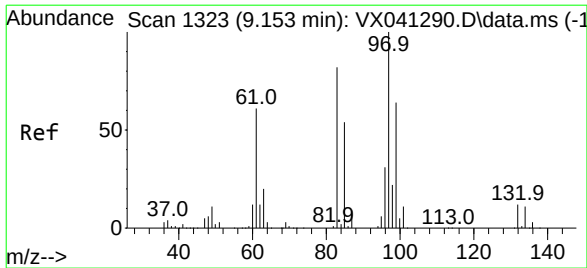
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#54
cis-1,3-Dichloropropene
Concen: 59.410 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

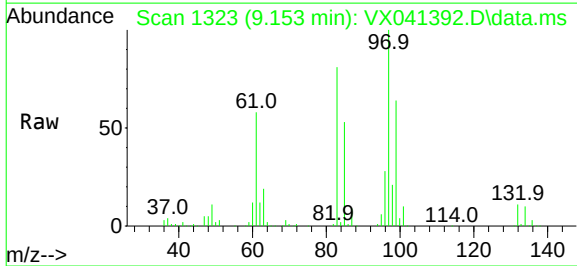
Tgt Ion: 75 Resp: 131416
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 52.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 55.355 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

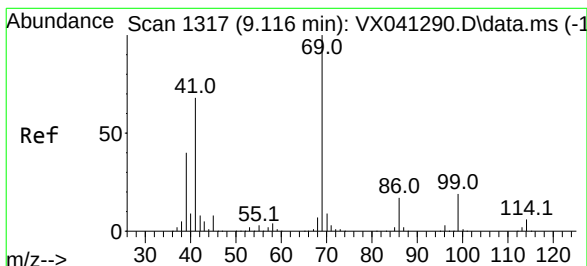
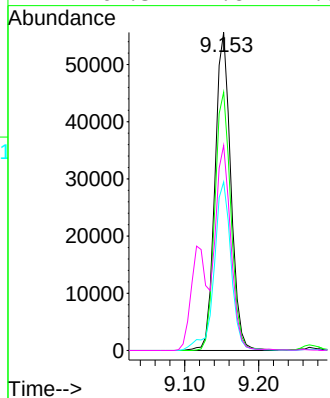
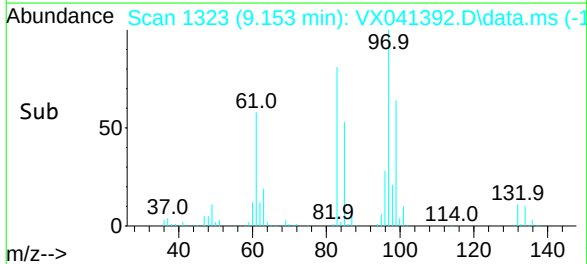
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	82784
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.8	98.8
85	53.0	41.6	62.4
99	64.3	47.8	71.8

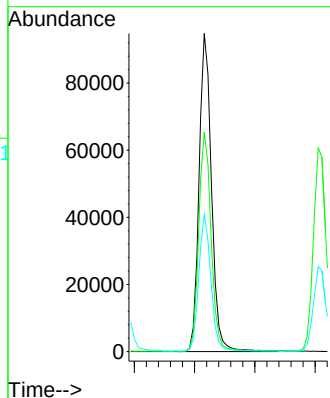
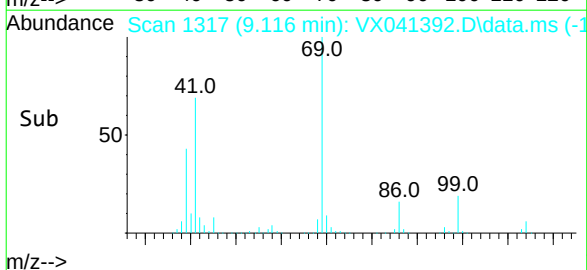
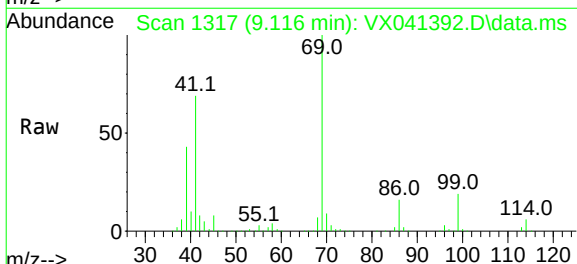
Manual Integrations
APPROVED

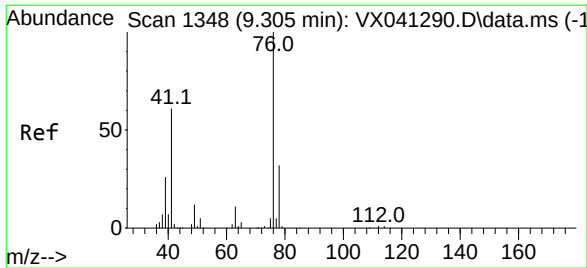
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#56
Ethyl methacrylate
Concen: 58.621 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

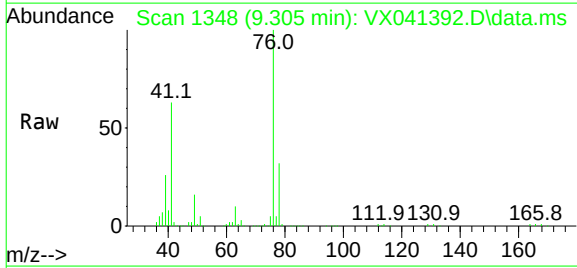
Tgt Ion:	69	Resp:	135679
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	41.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 58.312 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

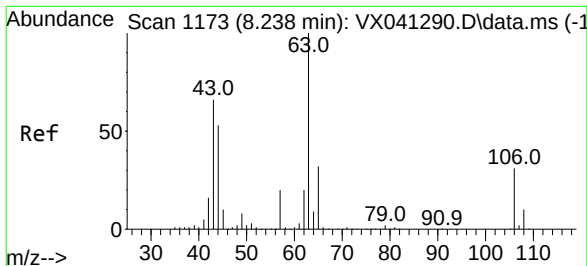
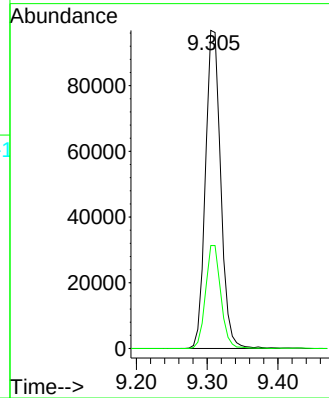
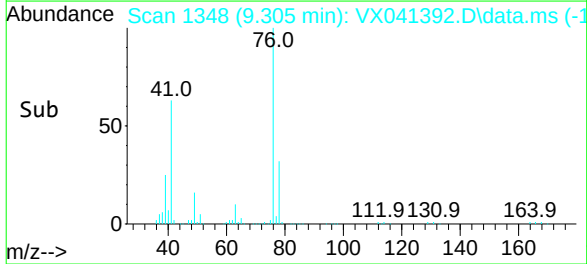
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 145541
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

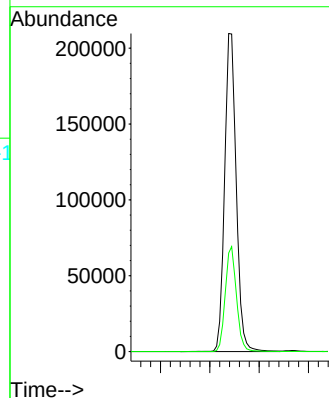
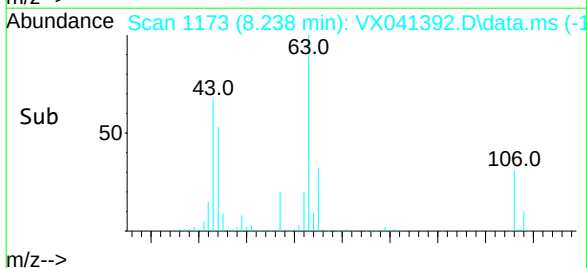
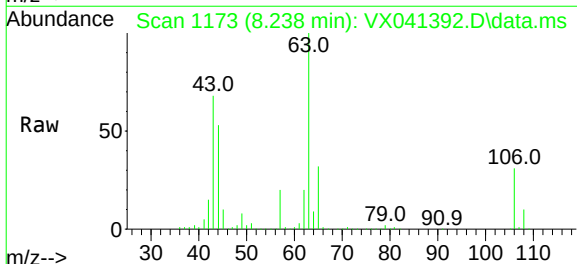
Manual Integrations
APPROVED

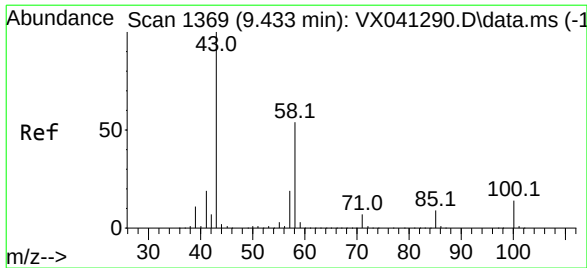
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 305.458 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 63 Resp: 342801
Ion Ratio Lower Upper
63 100
106 31.8 22.5 33.7





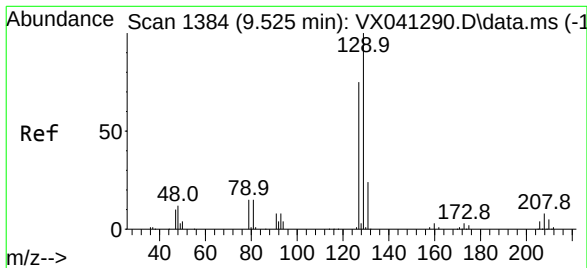
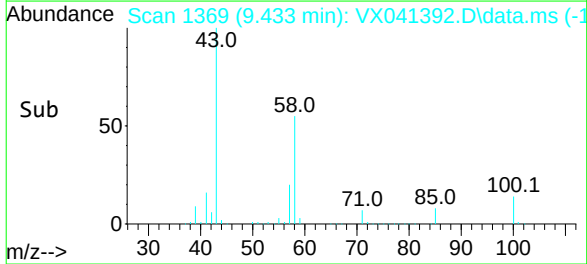
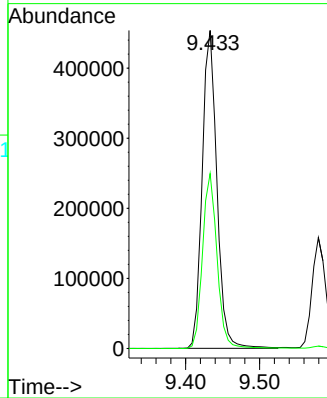
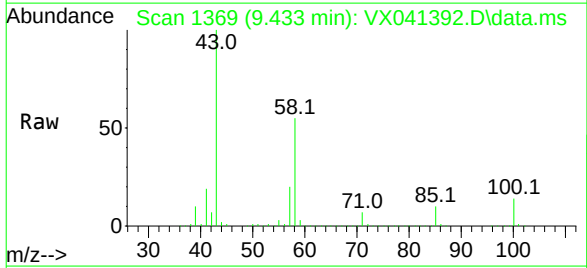
#59
2-Hexanone
Concen: 337.251 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 625155
Ion Ratio Lower Upper
43 100
58 54.7 26.2 78.5

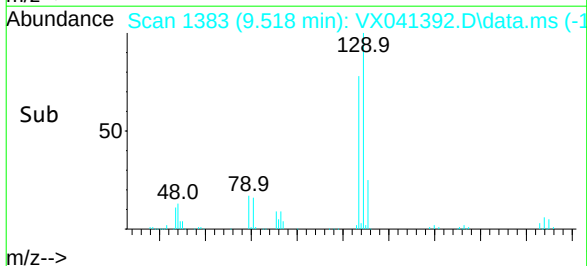
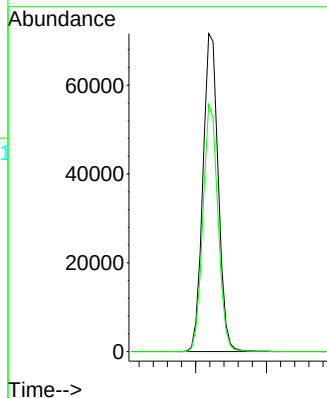
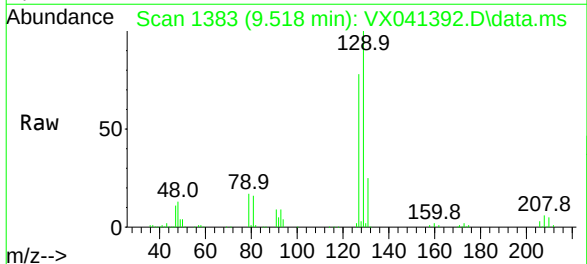
Manual Integrations
APPROVED

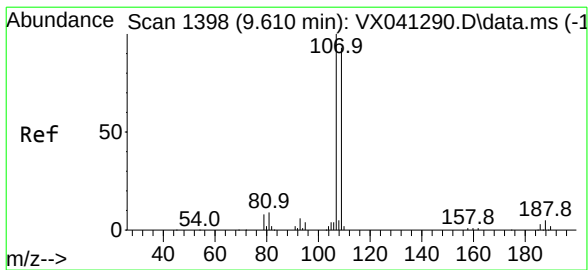
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#60
Dibromochloromethane
Concen: 61.199 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

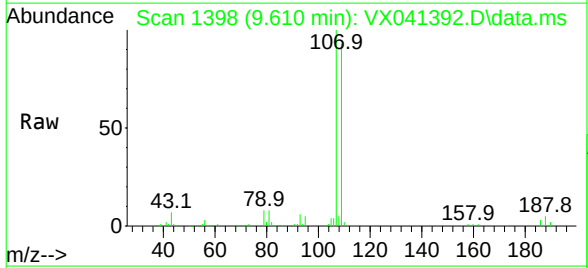
Tgt Ion:129 Resp: 107745
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 59.325 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

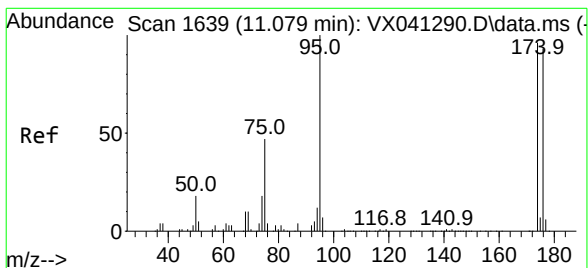
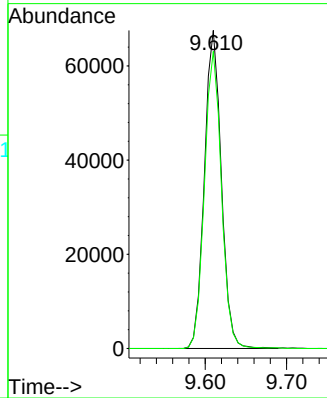
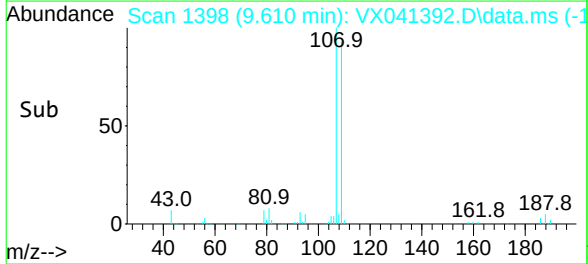
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 97606
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

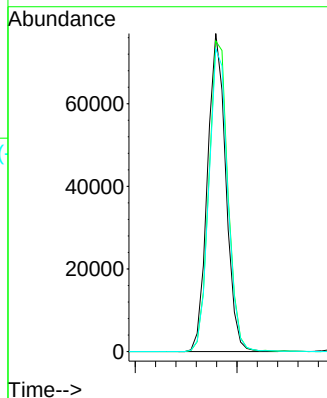
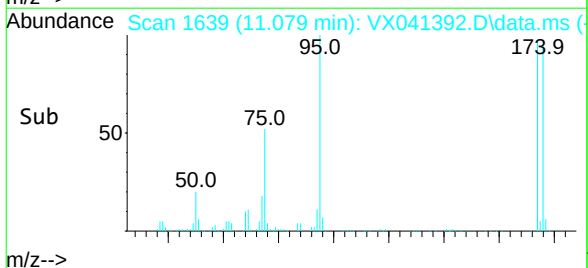
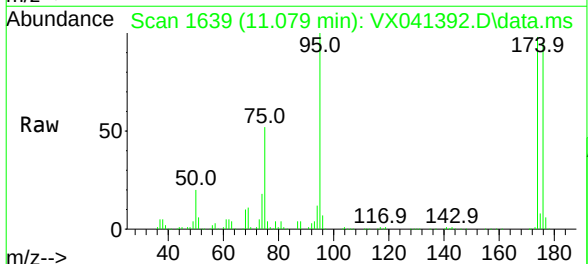
Manual Integrations
APPROVED

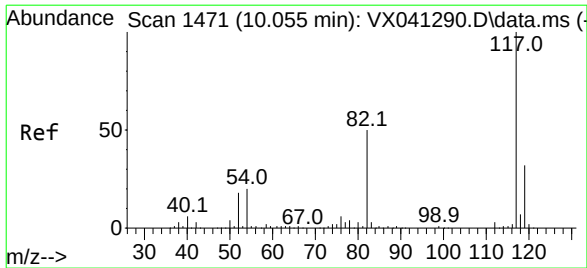
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024



#62
4-Bromofluorobenzene
Concen: 45.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 95 Resp: 96637
Ion Ratio Lower Upper
95 100
174 101.1 0.0 135.6
176 97.7 0.0 131.0





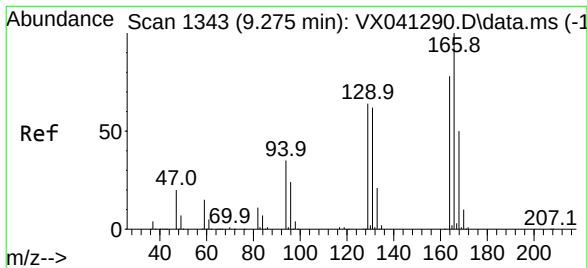
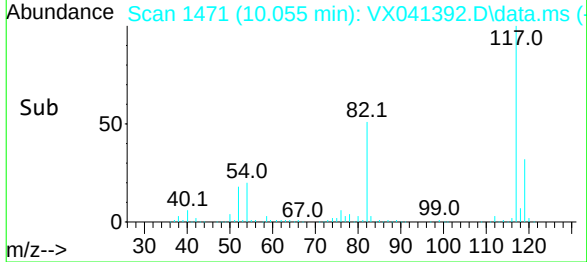
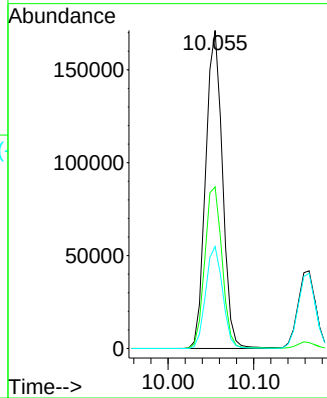
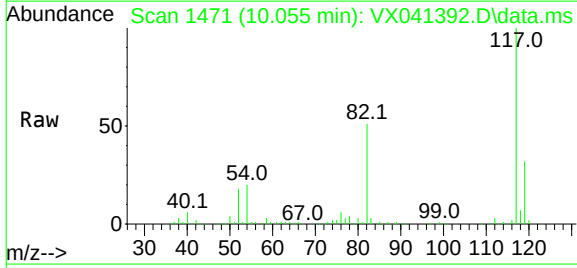
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion:	117	Resp:	233233
Ion	Ratio	Lower	Upper
117	100		
82	50.8	46.2	69.4
119	32.1	25.5	38.3

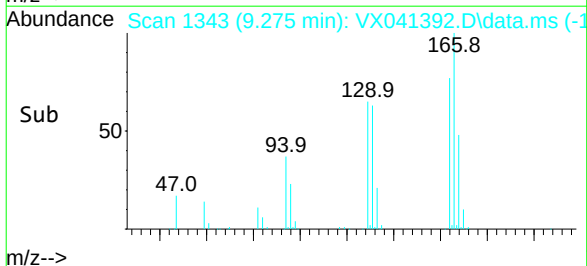
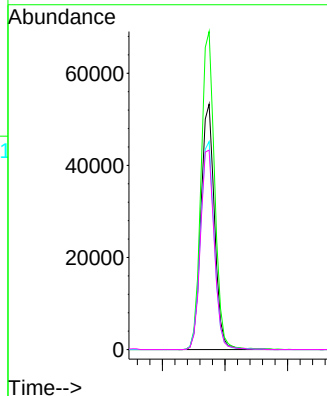
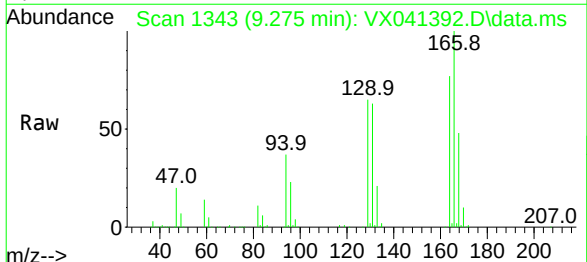
Manual Integrations
APPROVED

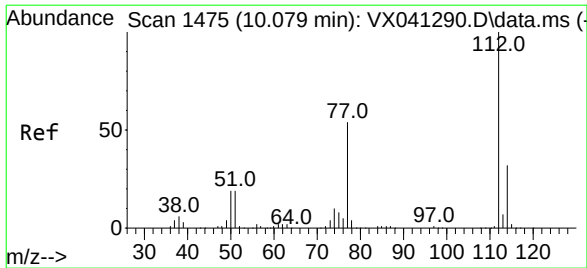
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#64
Tetrachloroethene
Concen: 47.378 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:	164	Resp:	80018
Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.7	154.1
129	84.8	80.4	120.6
131	81.3	76.5	114.7





#65

Chlorobenzene

Concen: 53.243 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 252091

Ion Ratio Lower Upper

112 100

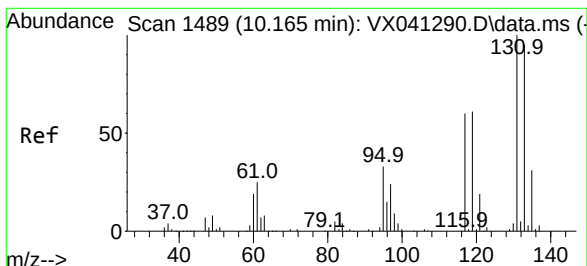
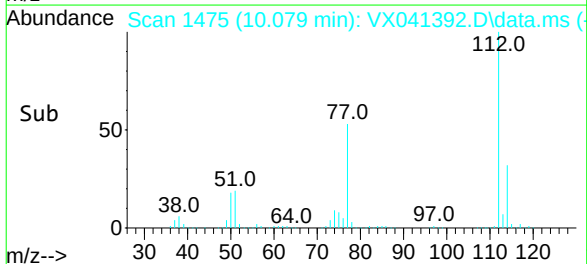
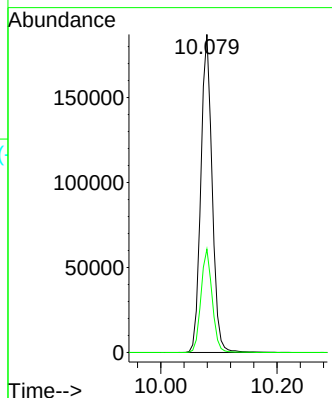
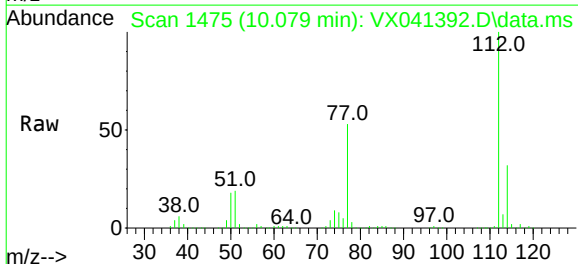
114 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 55.507 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

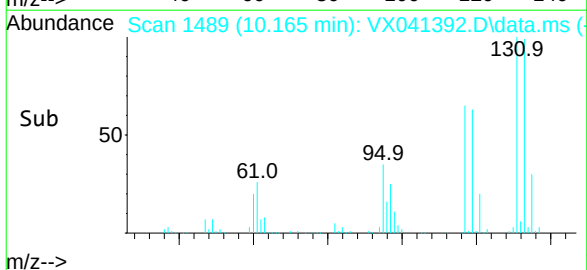
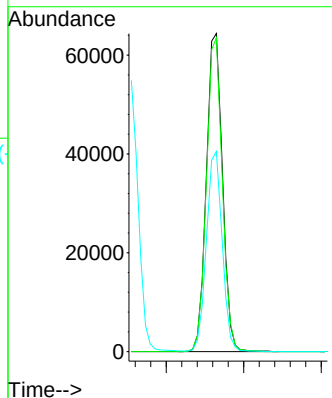
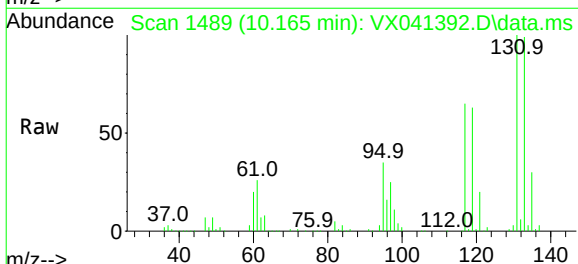
Tgt Ion:131 Resp: 92860

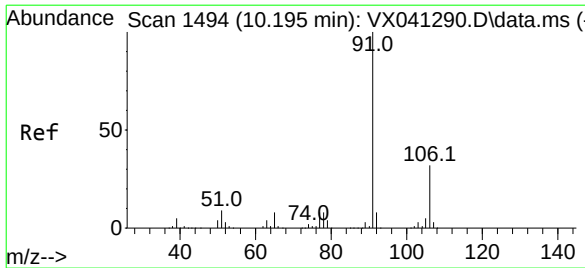
Ion Ratio Lower Upper

131 100

133 97.0 47.1 141.4

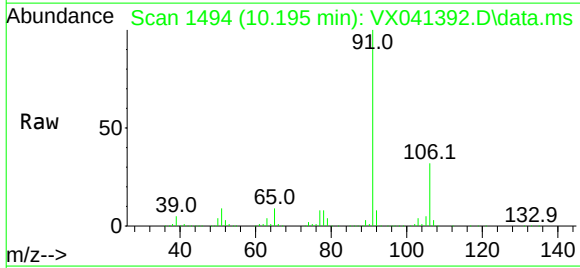
119 61.9 32.2 96.6





#67
Ethyl Benzene
Concen: 51.359 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

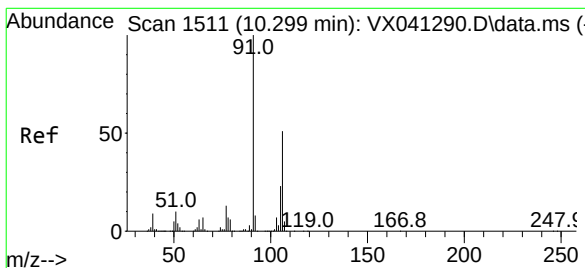
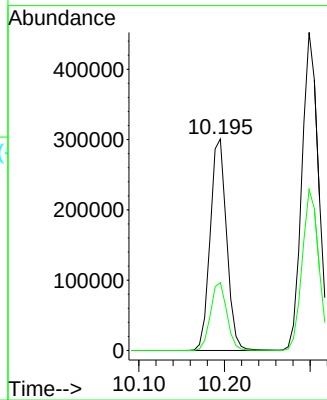
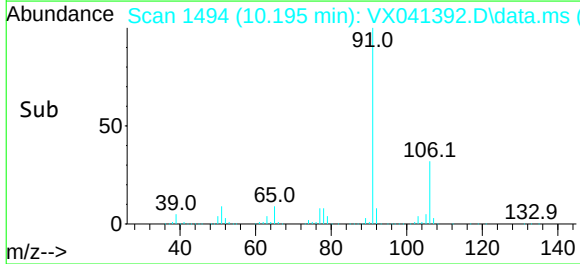
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 401194
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

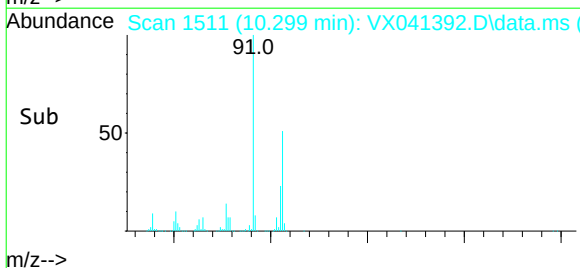
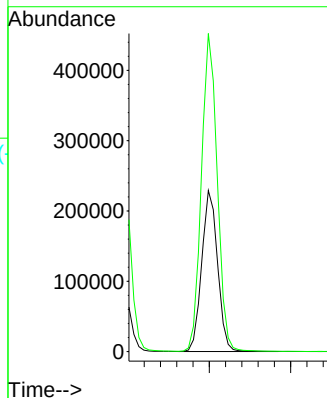
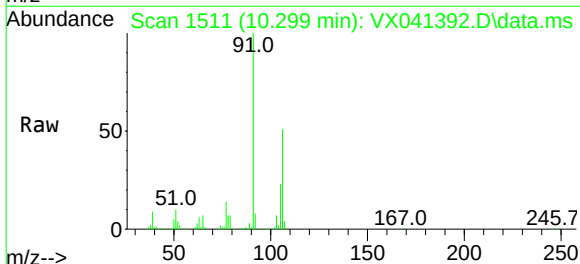
Manual Integrations
APPROVED

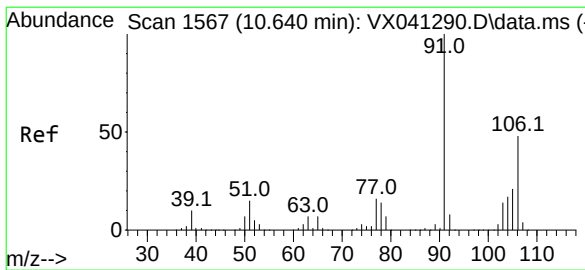
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#68
m/p-Xylenes
Concen: 98.837 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:106 Resp: 309182
Ion Ratio Lower Upper
106 100
91 197.4 165.5 248.3





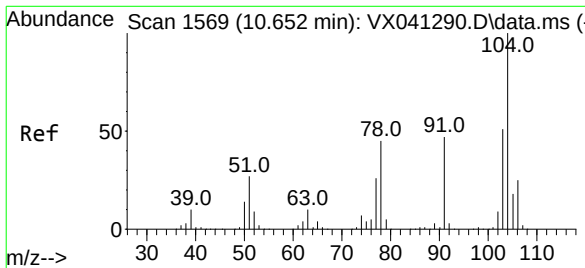
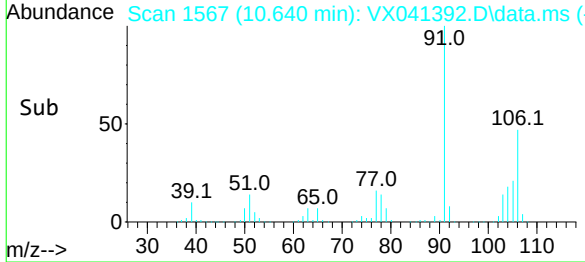
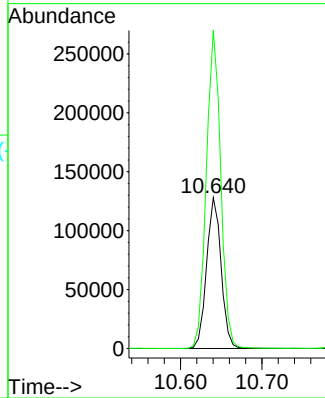
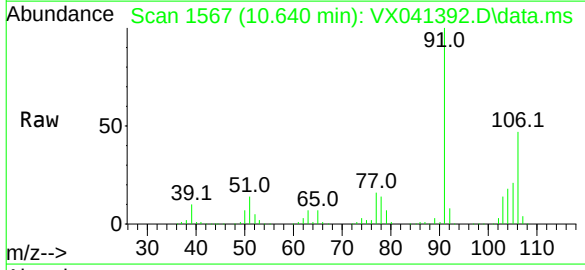
#69
o-Xylene
Concen: 52.945 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 158582
Ion Ratio Lower Upper
106 100
91 209.3 108.9 326.8

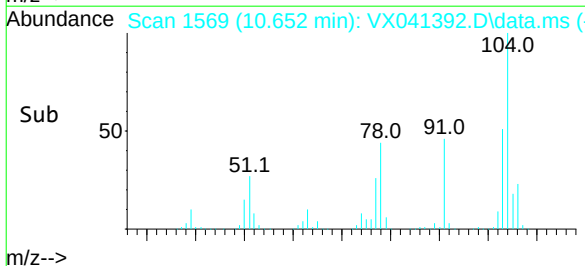
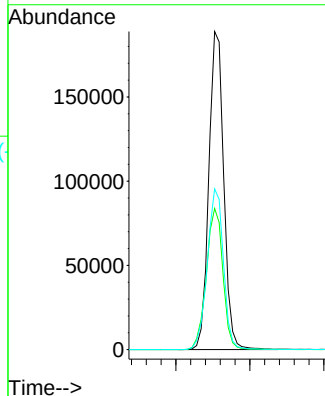
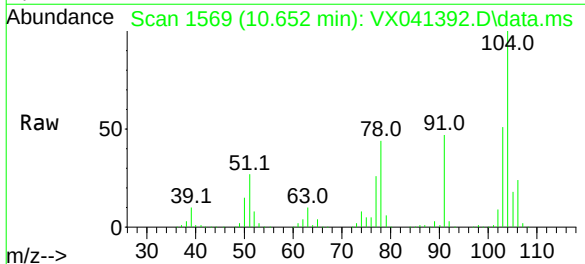
Manual Integrations
APPROVED

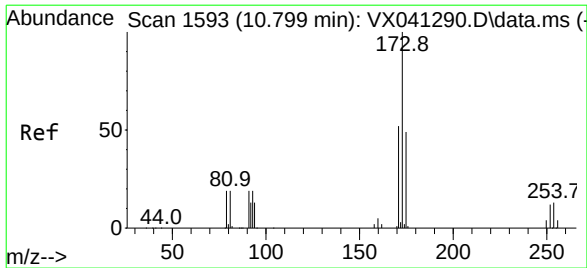
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#70
Styrene
Concen: 53.799 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:104 Resp: 264418
Ion Ratio Lower Upper
104 100
78 49.3 43.6 65.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 55.964 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

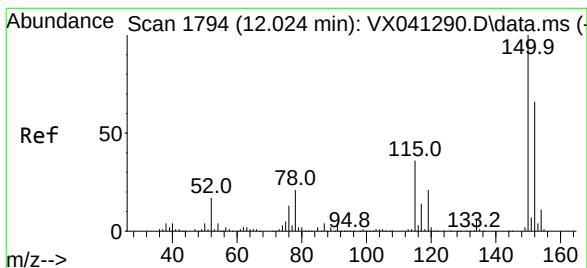
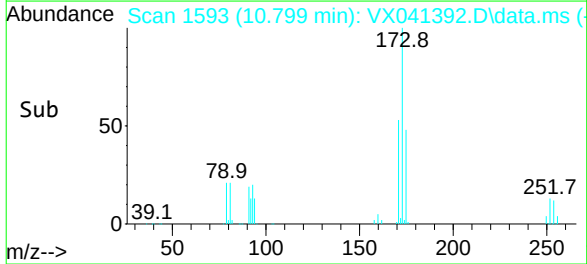
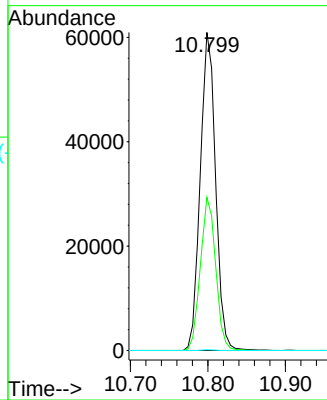
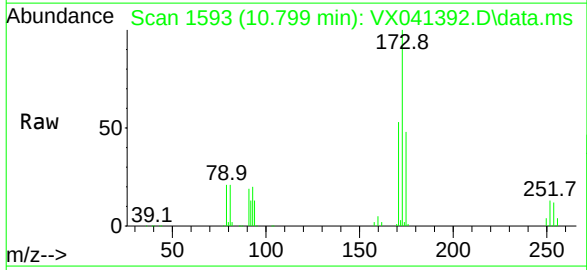
Tgt Ion:	173	Resp:	83789
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.4
254	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

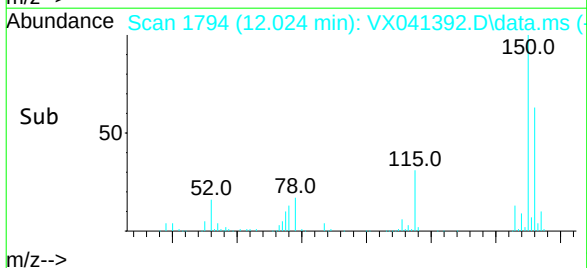
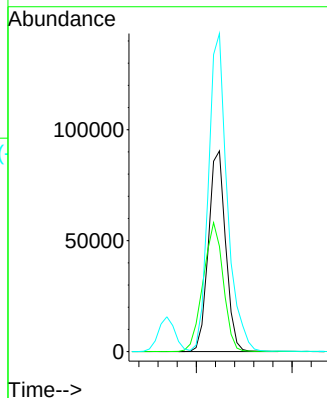
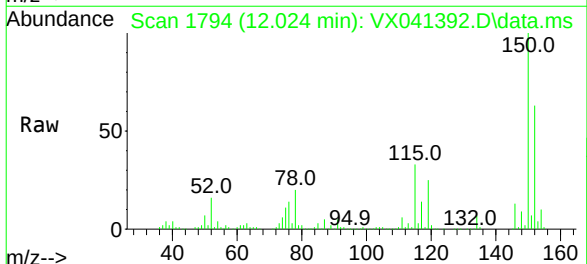
RT: 12.024 min Scan# 1794

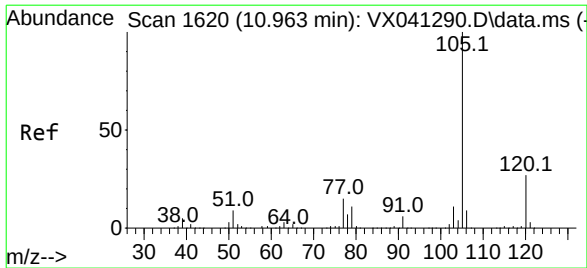
Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Tgt Ion:	152	Resp:	112952
Ion Ratio	Lower	Upper	
152	100		
115	74.9	43.3	129.9
150	172.9	0.0	345.0





#73

Isopropylbenzene

Concen: 50.828 ug/l

RT: 10.963 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 350447

Ion Ratio Lower Upper

105 100

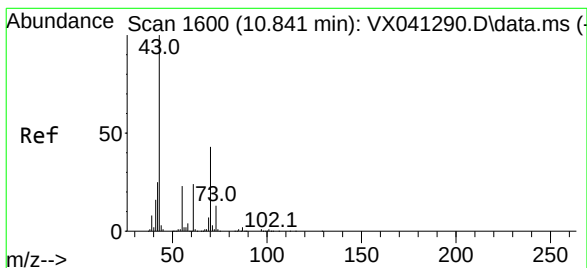
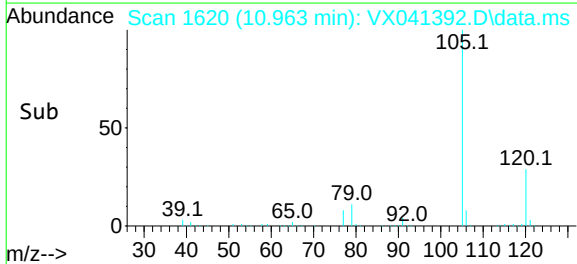
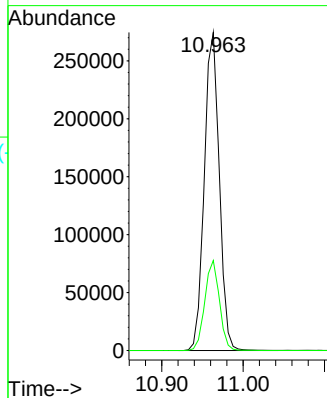
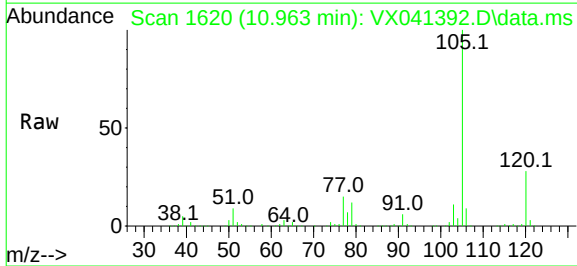
120 27.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#74

N-ethyl acetate

Concen: 65.679 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Tgt Ion: 43 Resp: 197844

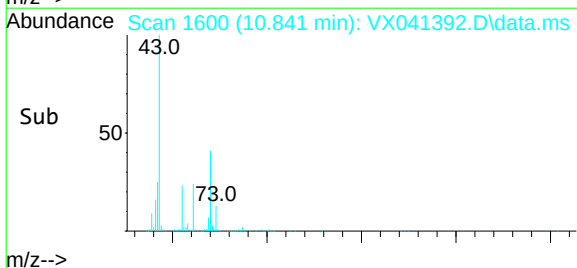
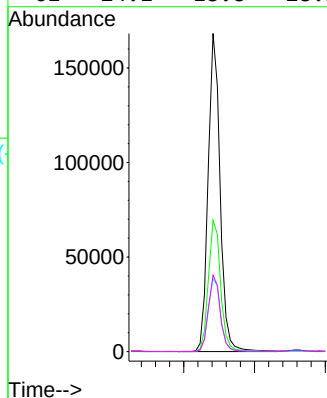
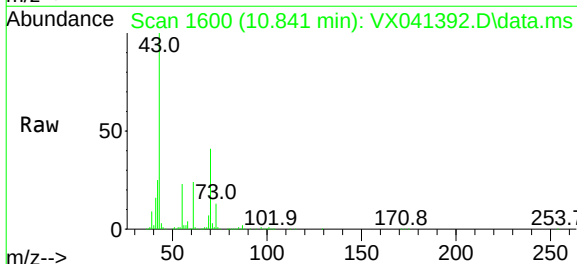
Ion Ratio Lower Upper

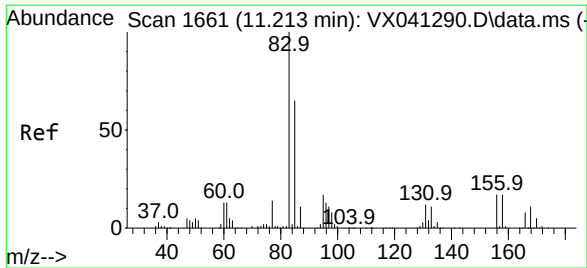
43 100

70 42.3 32.9 49.3

55 23.6 19.3 28.9

61 24.1 18.8 28.2





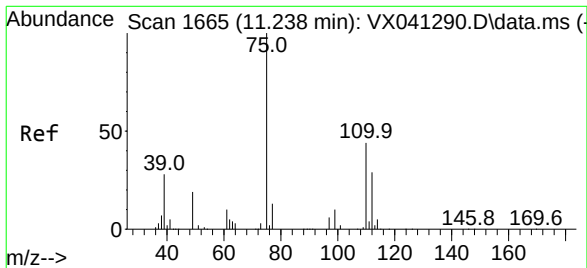
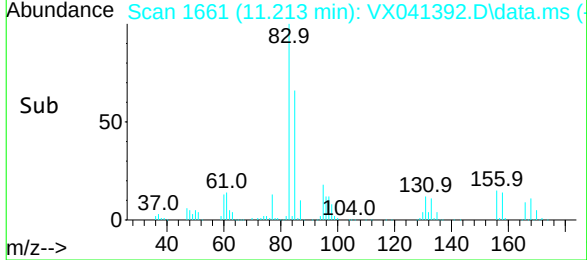
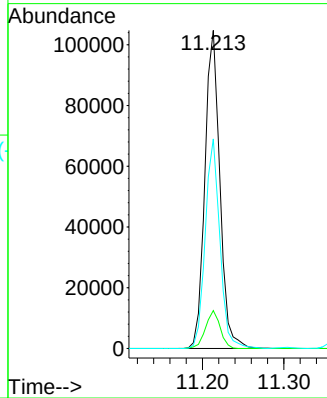
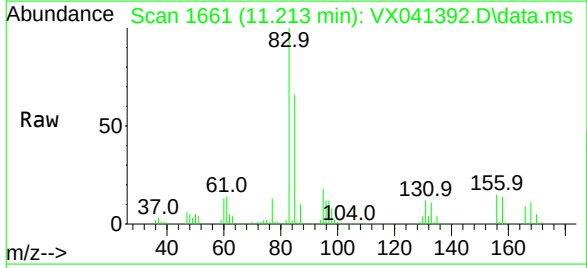
#75
1,1,2,2-Tetrachloroethane
Concen: 59.248 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	133857
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.3	15.8
85	64.5	32.0	96.2

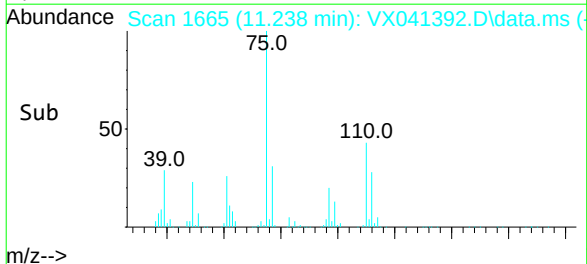
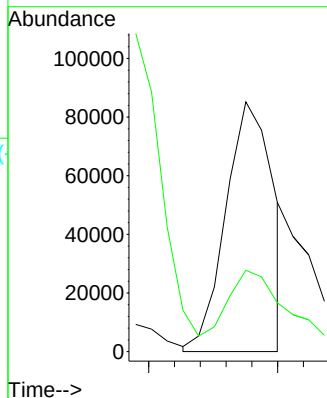
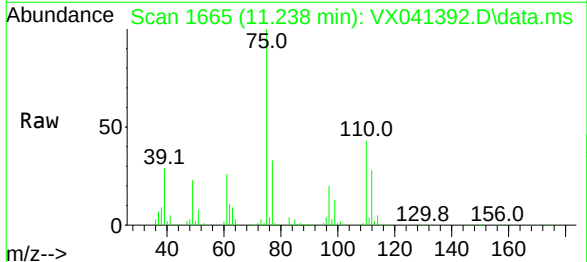
Manual Integrations
APPROVED

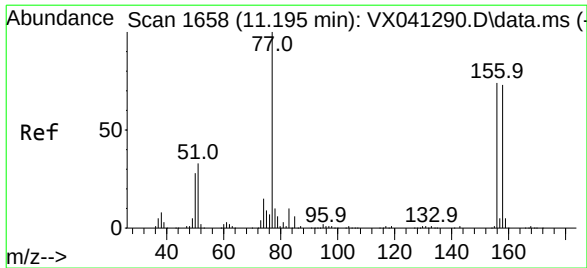
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#76
1,2,3-Trichloropropane
Concen: 59.221 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion:	75	Resp:	109012
Ion	Ratio	Lower	Upper
75	100		
77	43.2	19.1	57.5





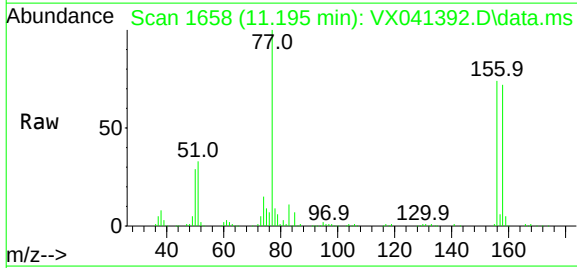
#77
Bromobenzene
Concen: 54.768 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



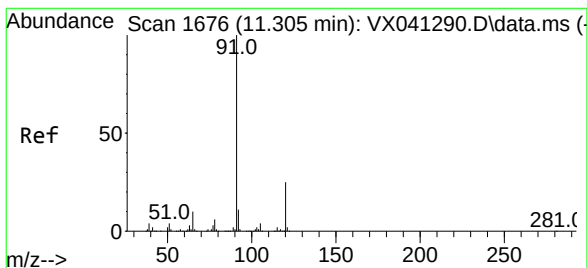
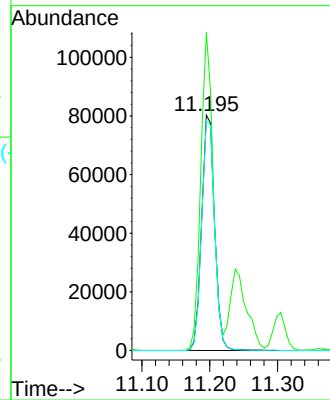
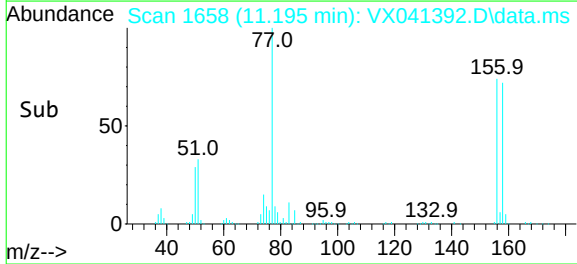
Tgt Ion:156 Resp: 106577
Ion Ratio Lower Upper
156 100
77 128.9 88.4 265.3
158 98.0 48.0 144.0

Manual Integrations

APPROVED

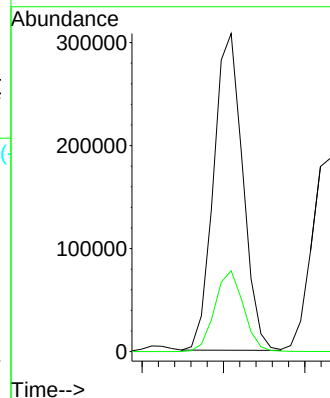
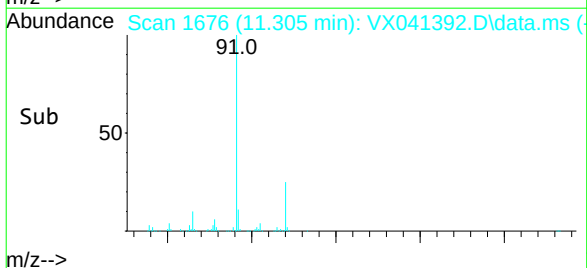
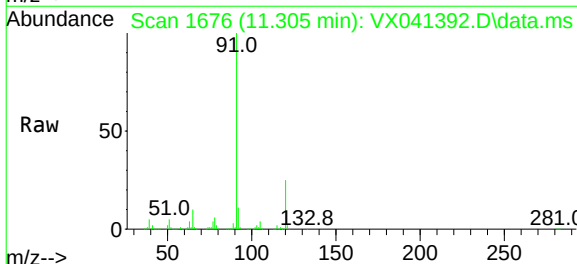
Reviewed By :John Carlone 05/07/2024

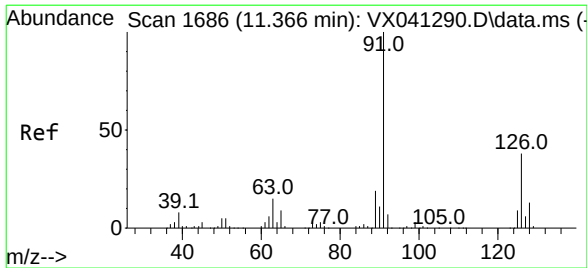
Supervised By :Semsettin Yesilyurt 05/07/2024



#78
n-propylbenzene
Concen: 52.817 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 91 Resp: 382476
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4





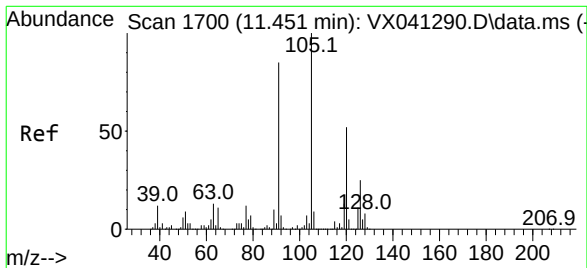
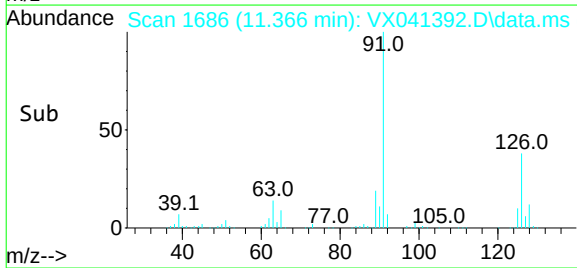
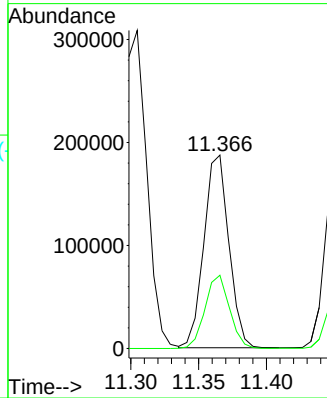
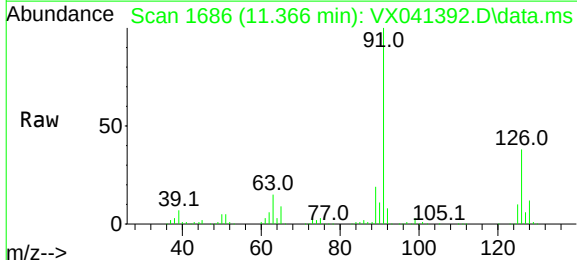
#79
2-Chlorotoluene
Concen: 51.302 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 239407
Ion Ratio Lower Upper
91 100
126 37.4 16.3 48.8

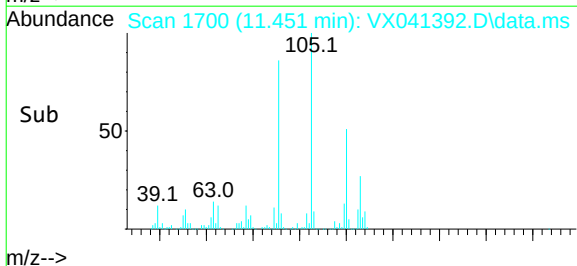
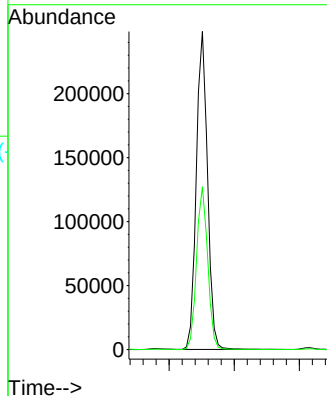
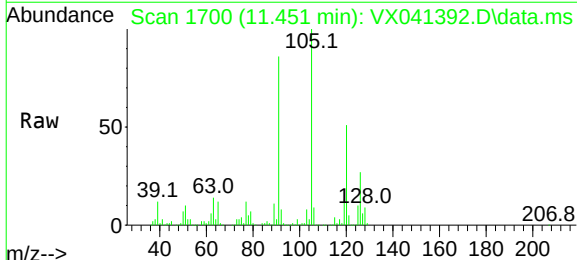
Manual Integrations
APPROVED

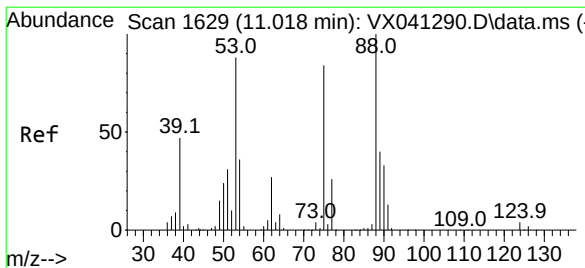
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.847 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

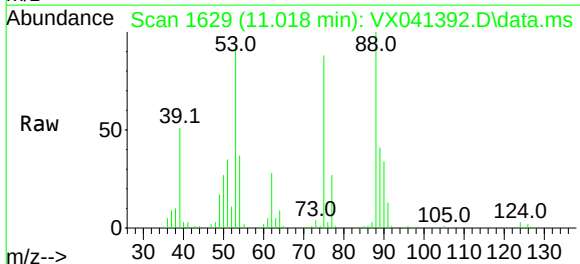
Tgt Ion:105 Resp: 297034
Ion Ratio Lower Upper
105 100
120 51.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.798 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

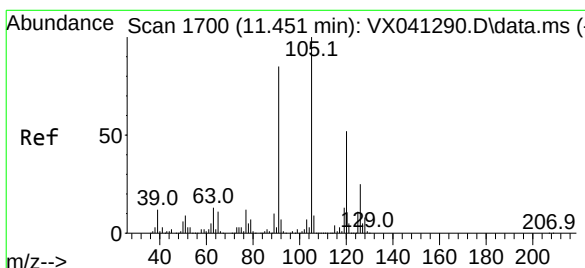
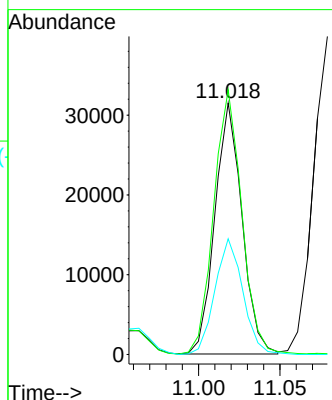
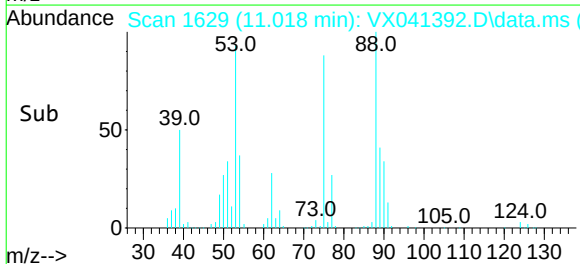
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 36356
Ion Ratio Lower Upper
75 100
53 108.9 90.5 135.7
89 47.6 36.9 55.3

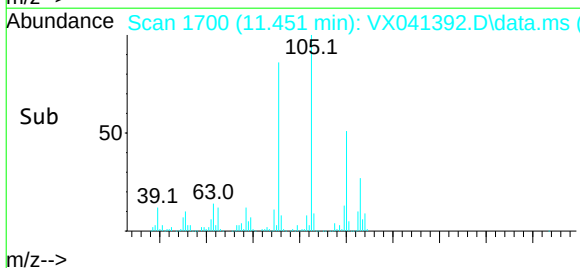
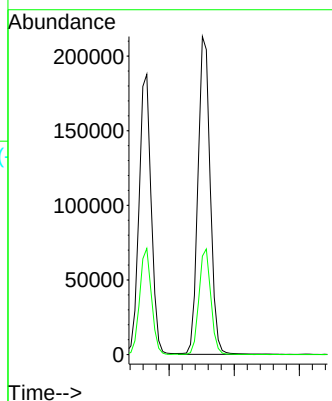
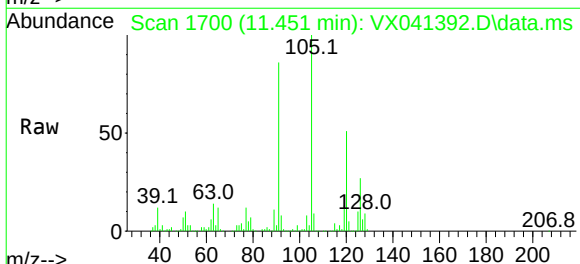
Manual Integrations
APPROVED

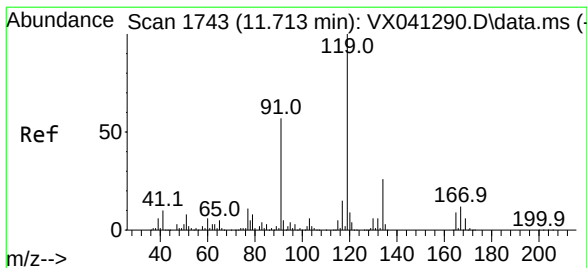
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#82
4-Chlorotoluene
Concen: 52.466 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Tgt Ion: 91 Resp: 277958
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





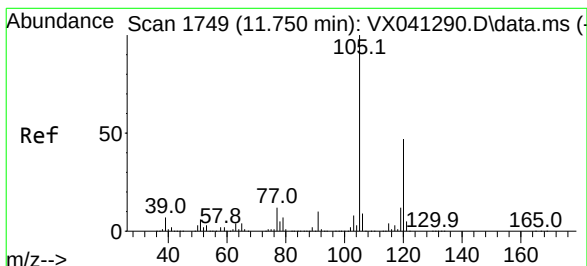
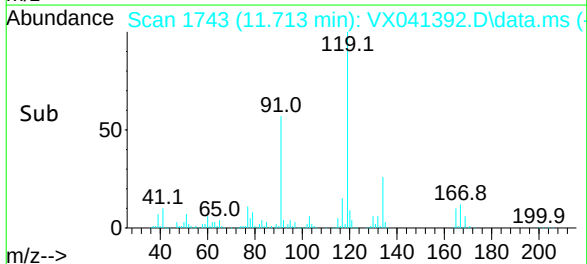
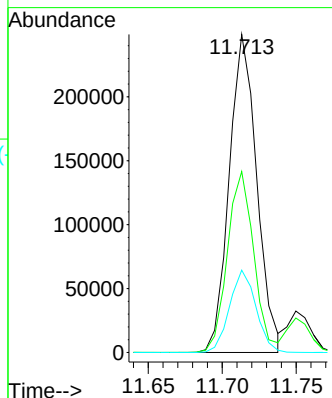
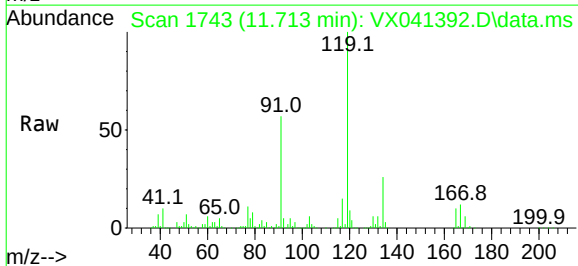
#83
tert-Butylbenzene
Concen: 53.557 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 322354
Ion Ratio Lower Upper
119 100
91 54.5 31.2 93.6
134 24.8 11.7 35.0

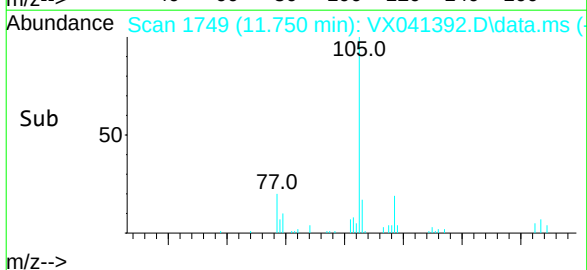
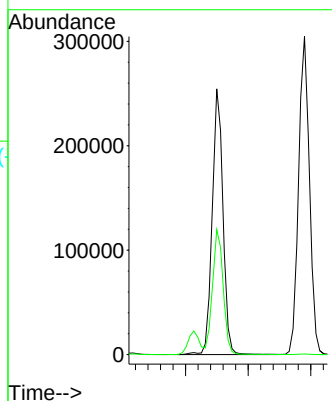
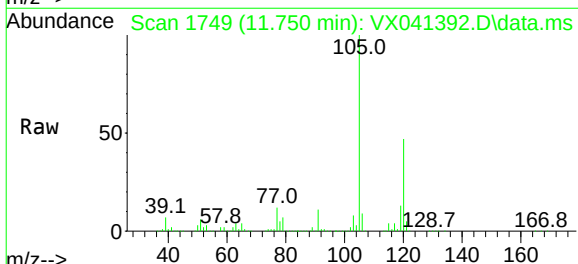
Manual Integrations
APPROVED

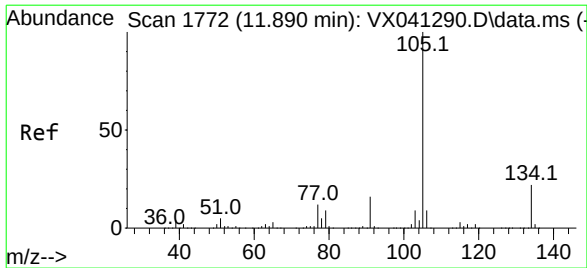
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.773 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

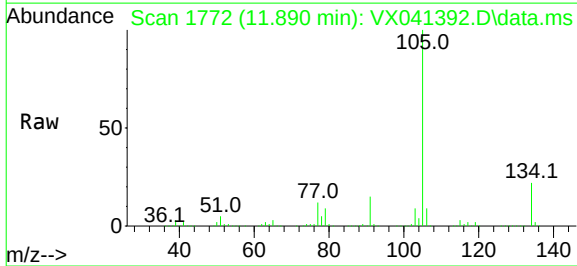
Tgt Ion:105 Resp: 304112
Ion Ratio Lower Upper
105 100
120 46.4 21.2 63.6





#85
sec-Butylbenzene
Concen: 53.289 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

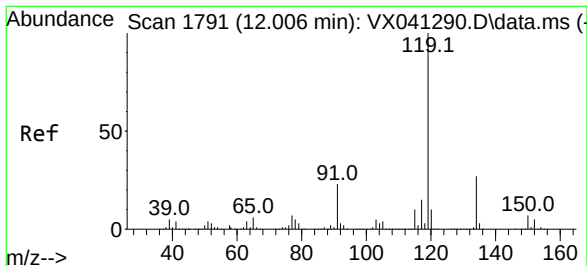
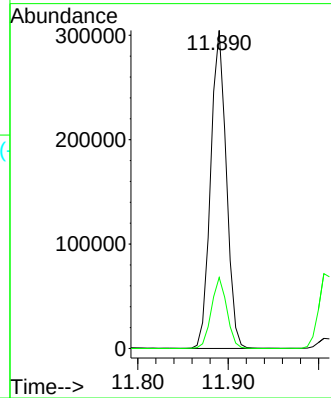
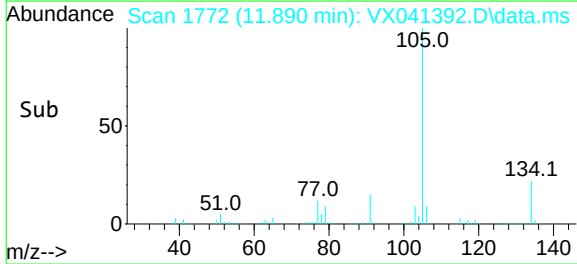
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 367571
Ion Ratio Lower Upper
105 100
134 22.0 9.8 29.4

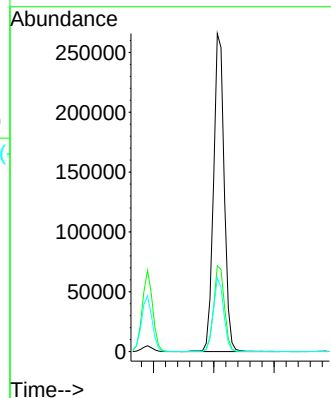
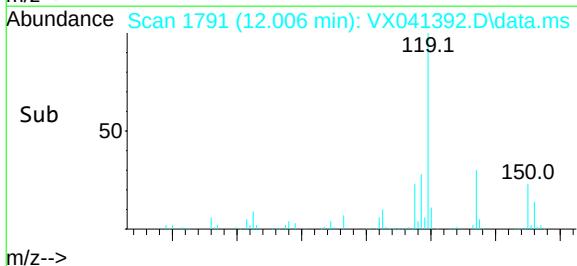
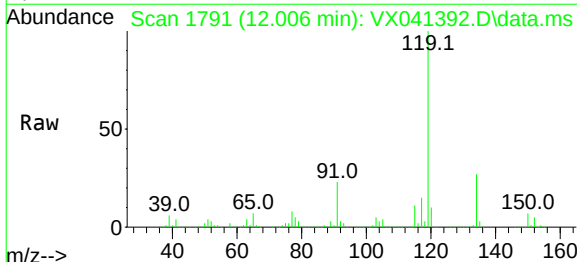
Manual Integrations
APPROVED

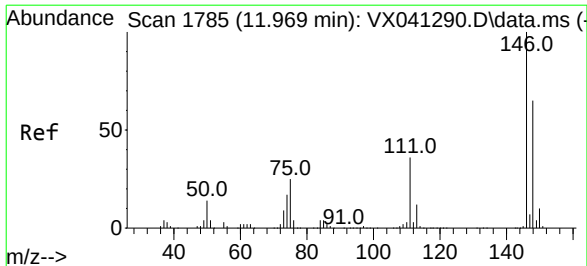
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#86
p-Isopropyltoluene
Concen: 52.642 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

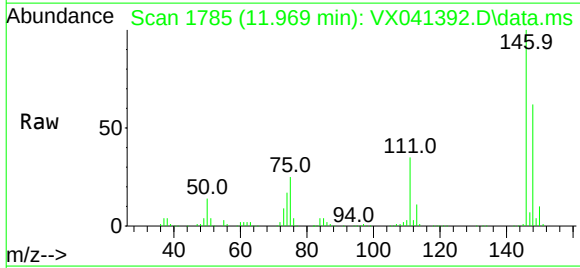
Tgt Ion:119 Resp: 326110
Ion Ratio Lower Upper
119 100
134 27.1 12.8 38.3
91 22.9 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 52.847 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17

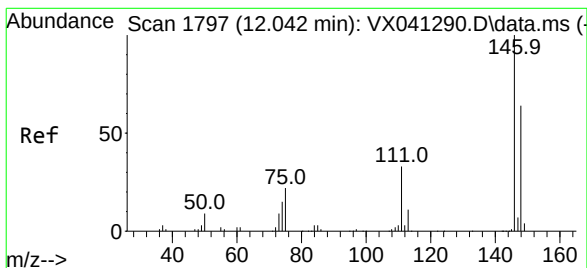
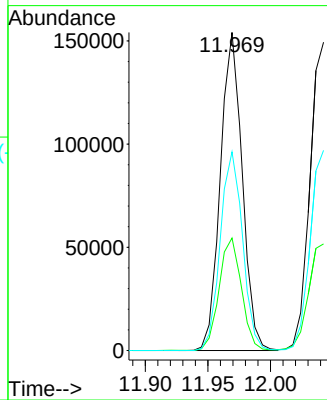
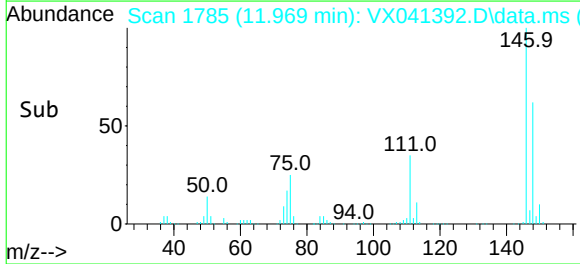
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



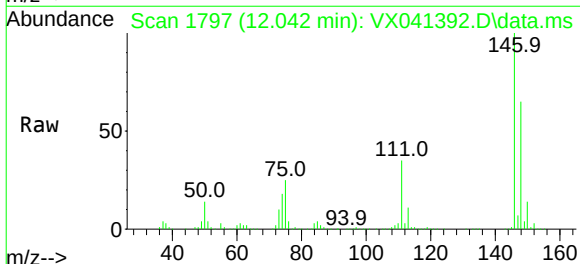
Tgt Ion:146 Resp: 186925
Ion Ratio Lower Upper
146 100
111 36.0 22.1 66.1
148 63.9 31.8 95.3

Manual Integrations
APPROVED

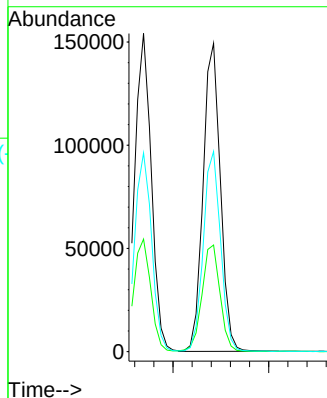
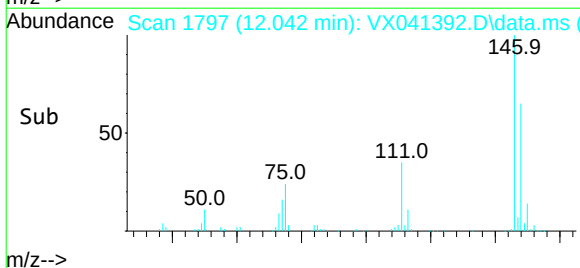
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

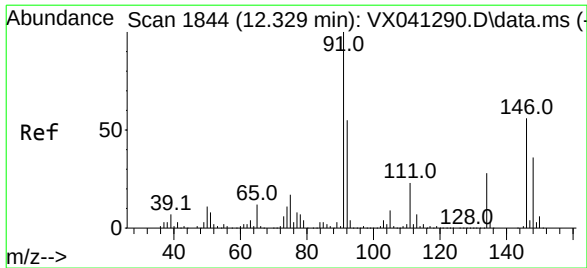


#88
1,4-Dichlorobenzene
Concen: 51.309 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041392.D
Acq: 06 May 2024 20:17



Tgt Ion:146 Resp: 186978
Ion Ratio Lower Upper
146 100
111 36.1 21.3 63.7
148 65.1 31.8 95.4





#89

n-Butylbenzene

Concen: 51.206 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

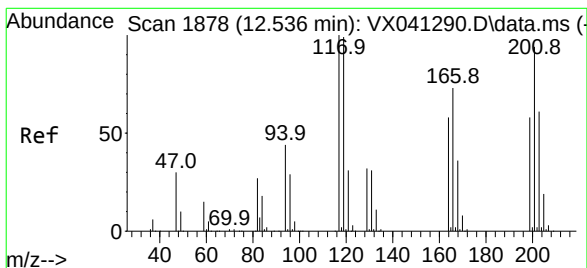
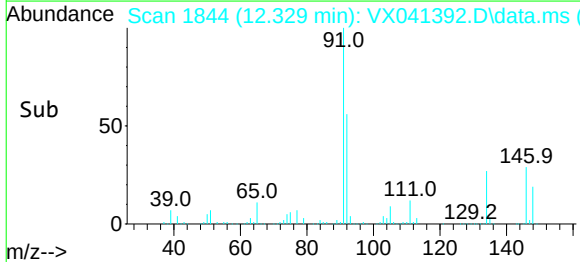
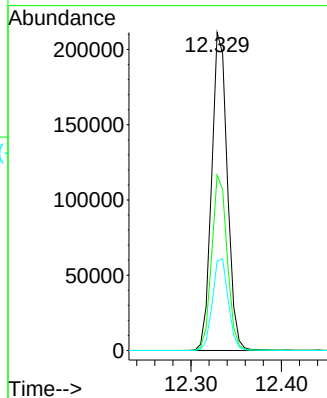
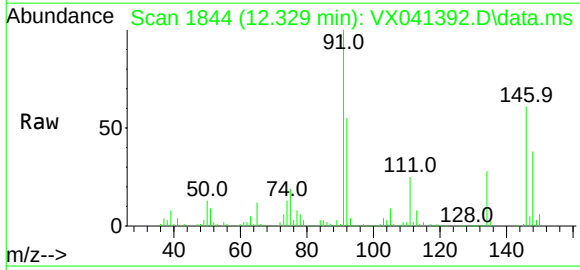
Tgt Ion:	91	Resp:	255073
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.0
134	29.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#90

Hexachloroethane

Concen: 52.257 ug/l

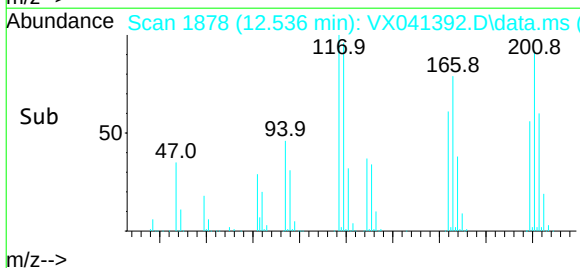
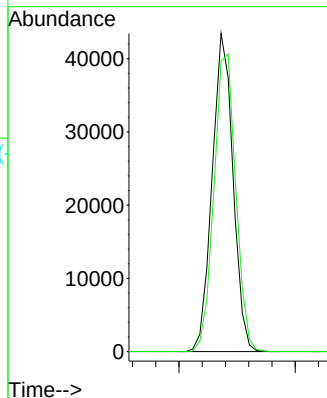
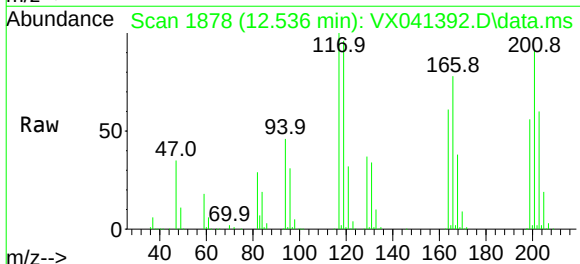
RT: 12.536 min Scan# 1878

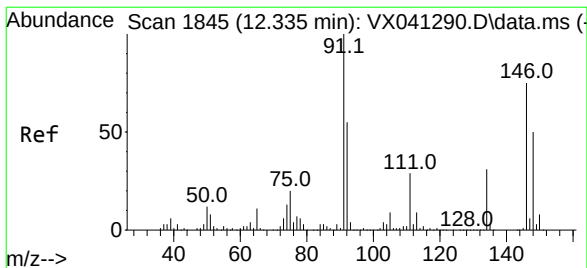
Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Tgt Ion:	117	Resp:	54138
Ion	Ratio	Lower	Upper
117	100		
201	98.1	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 52.477 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041392.D

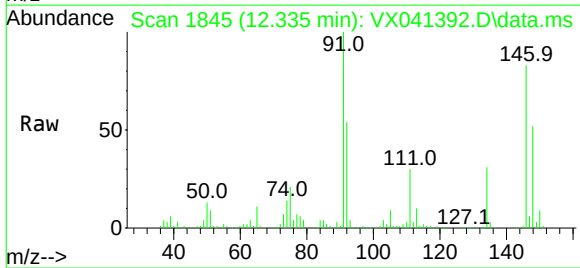
Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



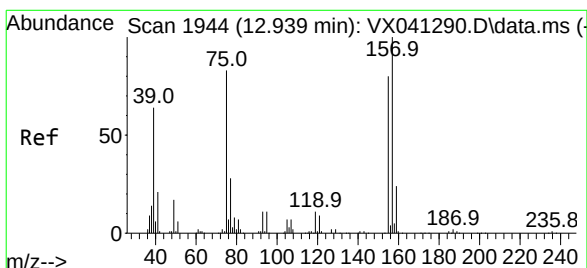
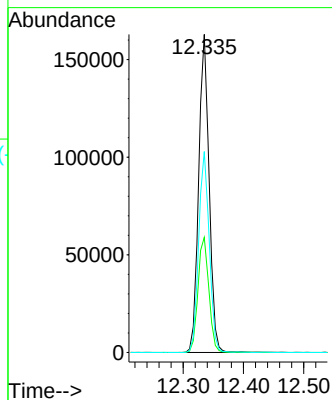
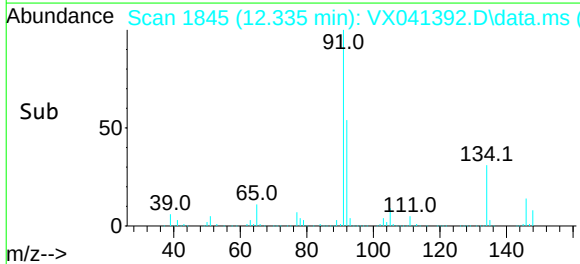
Tgt Ion:	146	Resp:	196057
Ion	Ratio	Lower	Upper
146	100		
111	37.7	22.4	67.0
148	63.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#92

1,2-Dibromo-3-Chloropropane

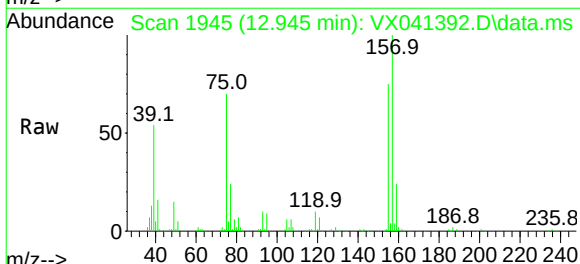
Concen: 61.331 ug/l

RT: 12.945 min Scan# 1945

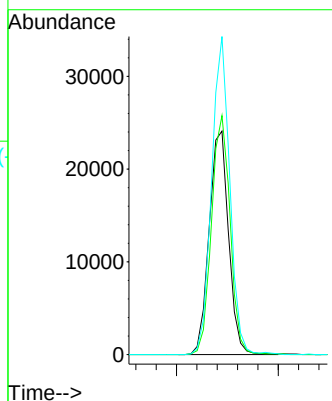
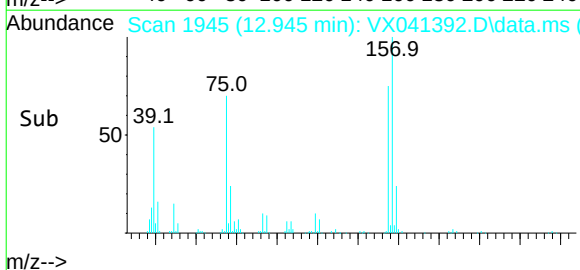
Delta R.T. 0.006 min

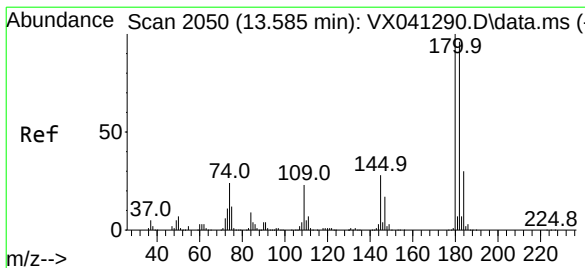
Lab File: VX041392.D

Acq: 06 May 2024 20:17



Tgt Ion:	75	Resp:	32019
Ion	Ratio	Lower	Upper
75	100		
155	102.3	36.1	108.5
157	132.6	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.680 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

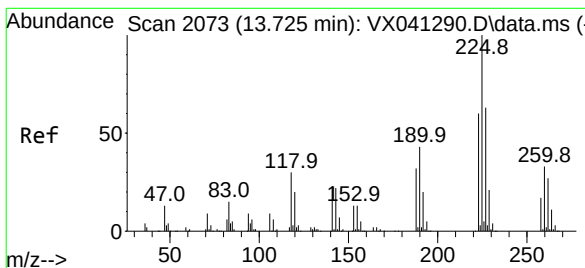
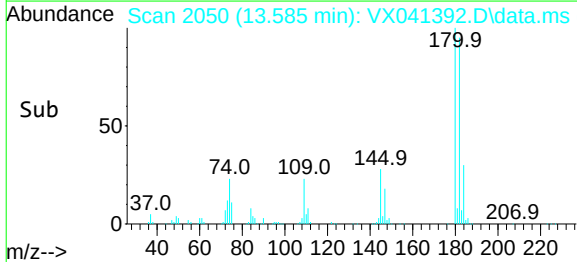
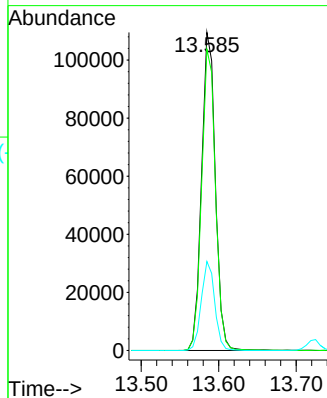
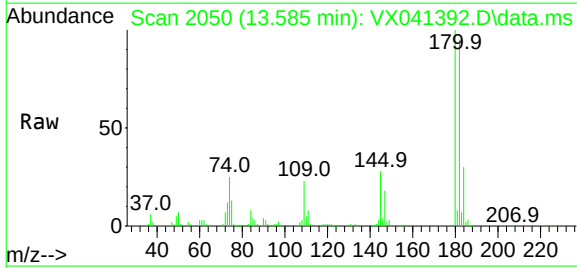
Tgt Ion:	180	Resp:	134960
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.3	144.8
145	27.4	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#94

Hexachlorobutadiene

Concen: 47.995 ug/l

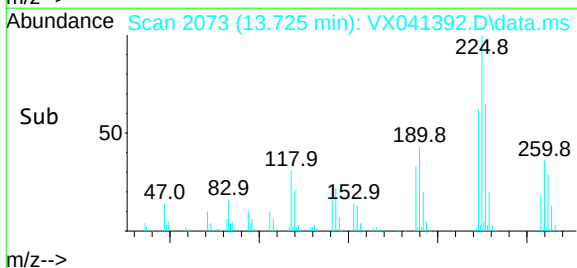
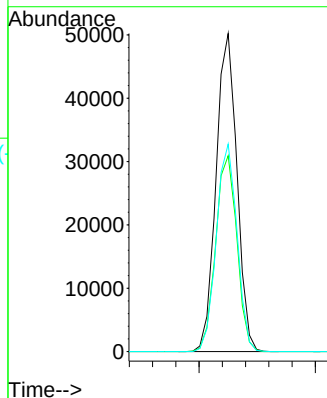
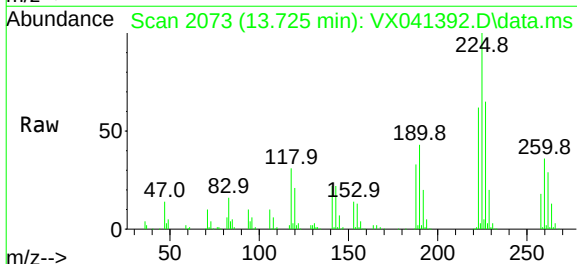
RT: 13.725 min Scan# 2073

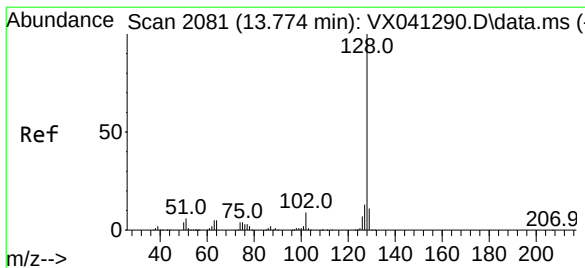
Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Tgt Ion:	225	Resp:	62590
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	64.8	32.5	97.5





#95

Naphthalene

Concen: 57.313 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

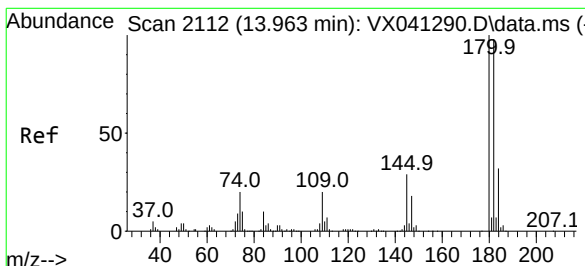
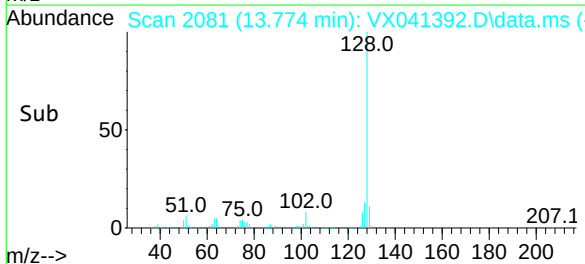
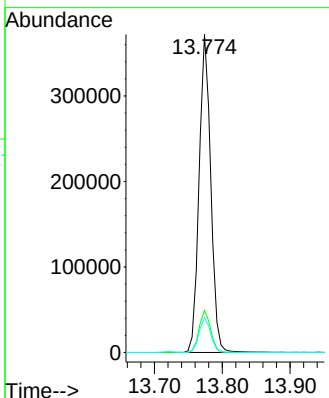
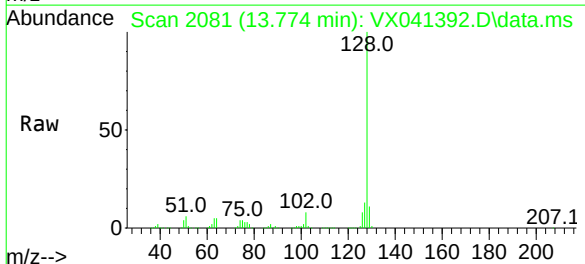
Tgt Ion:	128	Resp:	443538
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.819 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041392.D

Acq: 06 May 2024 20:17

Tgt Ion:	180	Resp:	140973
Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.9	140.6
145	28.9	17.8	53.5

