

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040011.D
 Acq On : 30 Jan 2024 11:21
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:05:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	28902	21.927	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	43.860%#		
35) Dibromofluoromethane	5.385	113	20727	18.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.600%#		
50) Toluene-d8	8.647	98	81137	19.677	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.360%#		
62) 4-Bromofluorobenzene	11.079	95	29368	18.497	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.000%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16839	18.254	ug/l	98
3) Chloromethane	1.294	50	17080	19.523	ug/l	94
4) Vinyl Chloride	1.374	62	16978	20.984	ug/l	97
5) Bromomethane	1.599	94	16812	21.374	ug/l	96
6) Chloroethane	1.679	64	11252	21.065	ug/l	89
7) Trichlorofluoromethane	1.886	101	25233	19.601	ug/l	99
8) Diethyl Ether	2.136	74	9886	21.721	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	20242	21.074	ug/l	95
10) Methyl Iodide	2.453	142	19882	19.445	ug/l	98
11) Tert butyl alcohol	2.959	59	25085	104.884	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	18954	20.575	ug/l	89
13) Acrolein	2.233	56	22972	100.250	ug/l	99
14) Allyl chloride	2.660	41	35690	21.494	ug/l	96
15) Acrylonitrile	3.062	53	64214	107.181	ug/l	100
16) Acetone	2.374	43	70174	113.624	ug/l	93
17) Carbon Disulfide	2.508	76	55436	20.582	ug/l	100
18) Methyl Acetate	2.697	43	28128	19.225	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68048	21.564	ug/l	98
20) Methylene Chloride	2.788	84	23595	21.498	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	21569	21.261	ug/l	91
22) Diisopropyl ether	3.757	45	69303	21.547	ug/l	94
23) Vinyl Acetate	3.721	43	324011	112.562	ug/l	100
24) 1,1-Dichloroethane	3.605	63	39454	21.418	ug/l	99
25) 2-Butanone	4.550	43	94339	109.885	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30075	20.924	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	24555	21.692	ug/l	98
28) Bromochloromethane	4.891	49	19631	22.854	ug/l	97
29) Tetrahydrofuran	5.007	42	59167	108.389	ug/l	98
30) Chloroform	5.093	83	42276	21.372	ug/l	95
31) Cyclohexane	5.471	56	35956	21.777	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	34963	20.596	ug/l	95
36) 1,1-Dichloropropene	5.690	75	31761	19.917	ug/l	97
37) Ethyl Acetate	4.708	43	34594	19.864	ug/l	98
38) Carbon Tetrachloride	5.678	117	29687	19.456	ug/l	94
39) Methylcyclohexane	7.379	83	39818	20.523	ug/l	97
40) Benzene	6.038	78	96887	20.860	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18356	20.783	ug/l	93
42) 1,2-Dichloroethane	6.080	62	36414	20.367	ug/l	98
43) Isopropyl Acetate	6.336	43	57595	20.971	ug/l	99
44) Trichloroethene	7.129	130	24723	20.228	ug/l	97
45) 1,2-Dichloropropane	7.428	63	25542	20.828	ug/l	99
46) Dibromomethane	7.580	93	18683	20.298	ug/l	98
47) Bromodichloromethane	7.818	83	33727	20.573	ug/l	99
48) Methyl methacrylate	7.690	41	27819	20.563	ug/l	93
49) 1,4-Dioxane	7.659	88	11554	393.009	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	197060	105.112	ug/l	98
52) Toluene	8.714	92	61520	21.251	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	33539	19.726	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37699	20.779	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	24879	20.763	ug/l	97
56) Ethyl methacrylate	9.116	69	36883	21.078	ug/l	96
57) 1,3-Dichloropropane	9.305	76	41088	20.817	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	91268	103.724	ug/l	98
59) 2-Hexanone	9.427	43	159491	106.699	ug/l	100
60) Dibromochloromethane	9.519	129	23529	19.542	ug/l	96
61) 1,2-Dibromoethane	9.610	107	26081	20.132	ug/l	100
64) Tetrachloroethene	9.275	164	20008	21.846	ug/l	98
65) Chlorobenzene	10.079	112	61106	21.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20503	20.867	ug/l	95
67) Ethyl Benzene	10.195	91	111108	21.285	ug/l	98
68) m/p-Xylenes	10.299	106	87296	44.452	ug/l	98
69) o-Xylene	10.640	106	39407	21.155	ug/l	91
70) Styrene	10.653	104	68946	21.960	ug/l	100
71) Bromoform	10.799	173	15273	20.136	ug/l #	100
73) Isopropylbenzene	10.963	105	109937	21.092	ug/l	100
74) N-amyl acetate	10.842	43	49337	20.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	39273	20.041	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32657m	21.127	ug/l	
77) Bromobenzene	11.195	156	24925	20.731	ug/l	98
78) n-propylbenzene	11.305	91	135276	21.091	ug/l	98
79) 2-Chlorotoluene	11.366	91	78686	20.378	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	95092	21.224	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9224	20.626	ug/l	98
82) 4-Chlorotoluene	11.451	91	94861	21.404	ug/l	100
83) tert-Butylbenzene	11.713	119	89288	20.825	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	97268	21.756	ug/l	99
85) sec-Butylbenzene	11.890	105	118230	20.814	ug/l	99
86) p-Isopropyltoluene	12.006	119	96194	20.739	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49978	20.605	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	51783	20.856	ug/l	99
89) n-Butylbenzene	12.329	91	93197	20.701	ug/l	97
90) Hexachloroethane	12.536	117	14994	20.824	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	48340	20.670	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8574	19.302	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	29719	20.329	ug/l	97
94) Hexachlorobutadiene	13.725	225	10715	18.607	ug/l	98
95) Naphthalene	13.774	128	101384	20.419	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29270	20.250	ug/l	98

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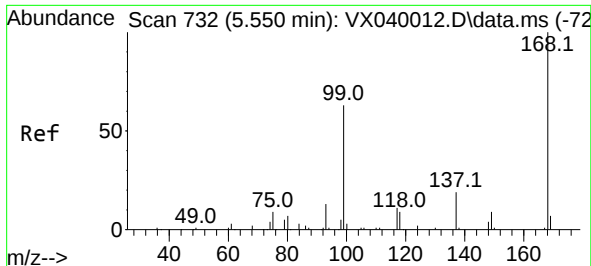
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/31/2024

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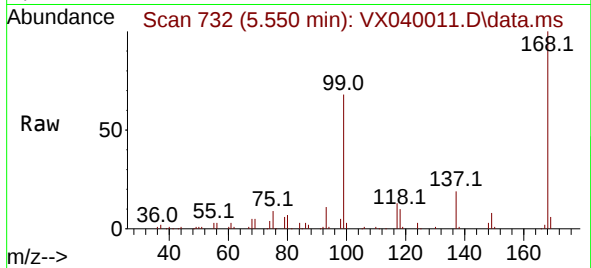
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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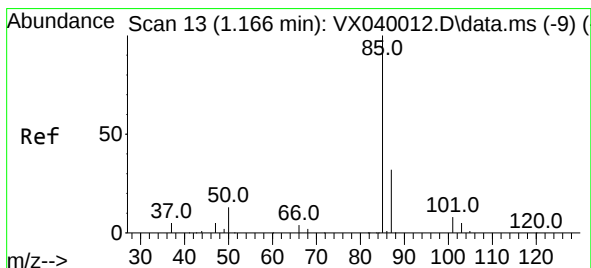
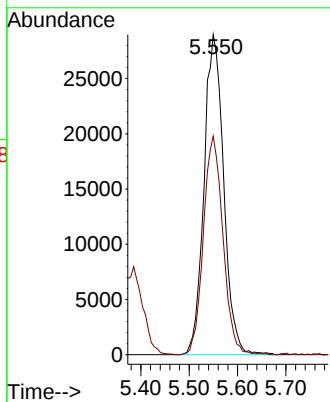
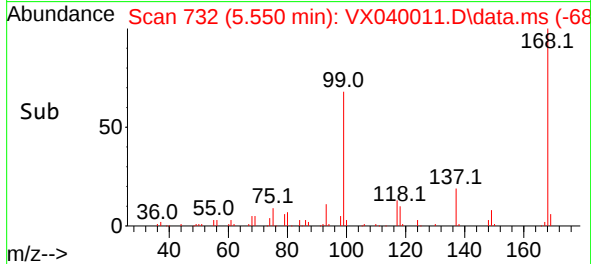
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 8190
Ion Ratio Lower Upper
168 100
99 68.3 56.6 85.0

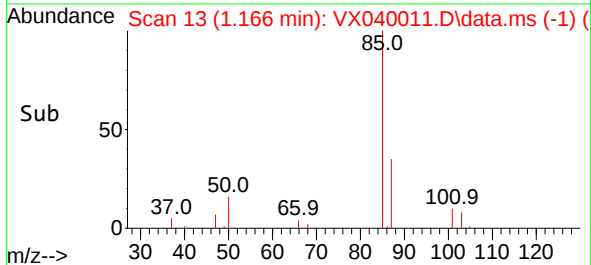
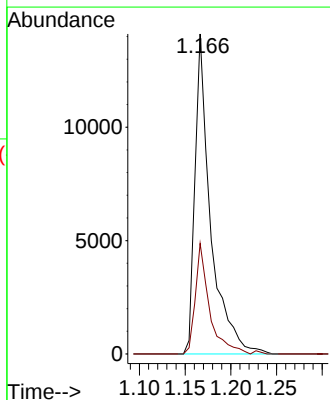
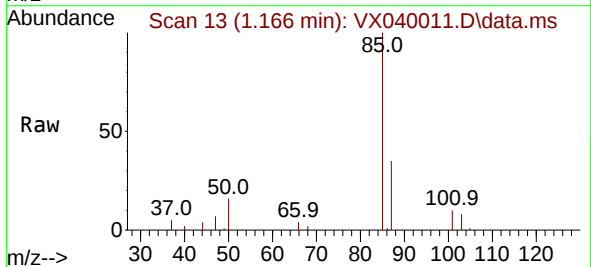
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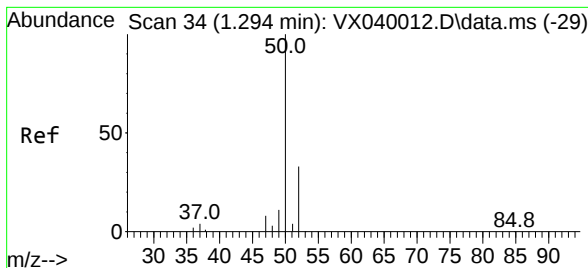
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 18.254 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

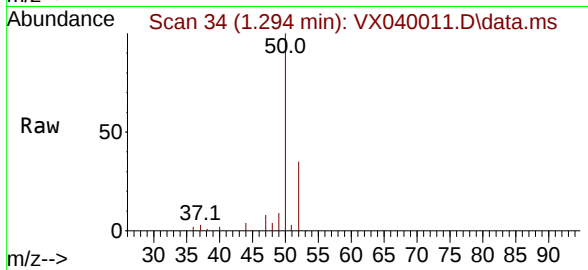
Tgt Ion: 85 Resp: 16839
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.1





#3
Chloromethane
Concen: 19.523 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

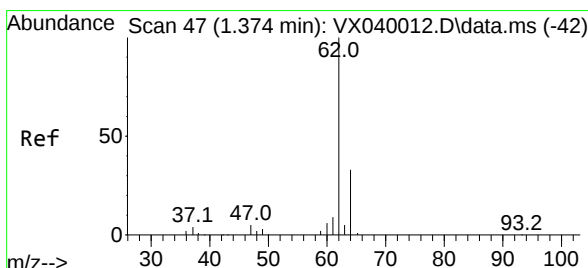
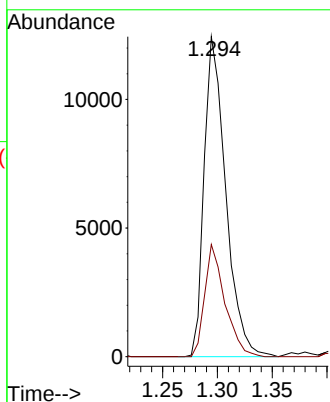
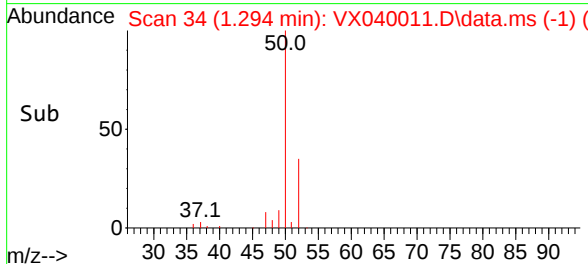
Instrument :
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Tgt Ion: 50 Resp: 17080
Ion Ratio Lower Upper
50 100
52 35.0 25.5 38.3

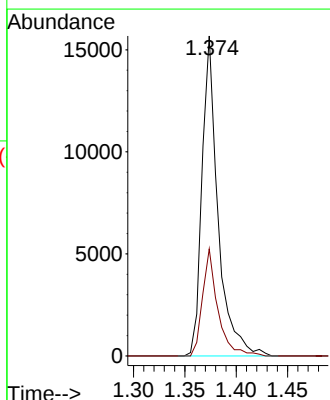
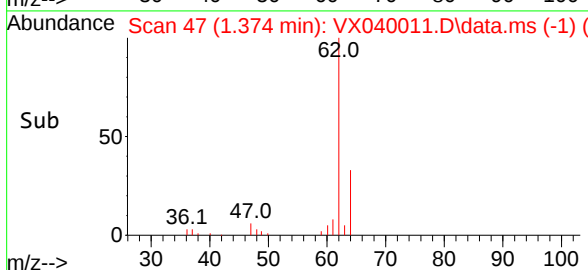
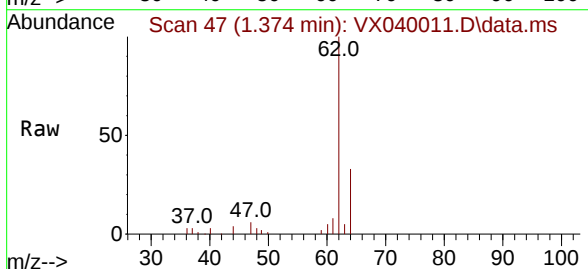
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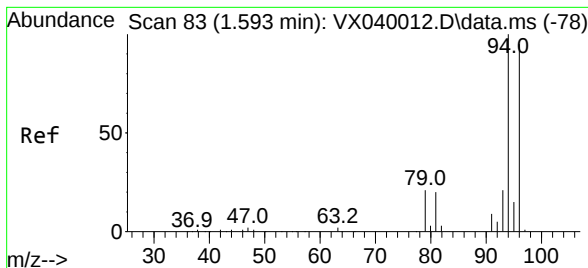
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#4
Vinyl Chloride
Concen: 20.984 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 62 Resp: 16978
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5

Bromomethane

Concen: 21.374 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 1681

Ion Ratio Lower Upper

94 100

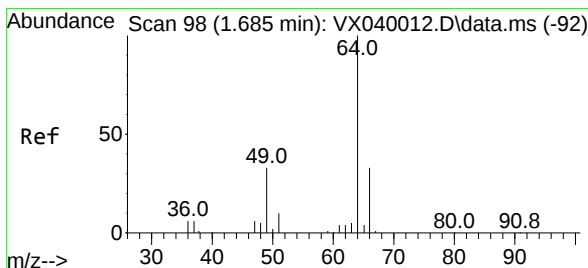
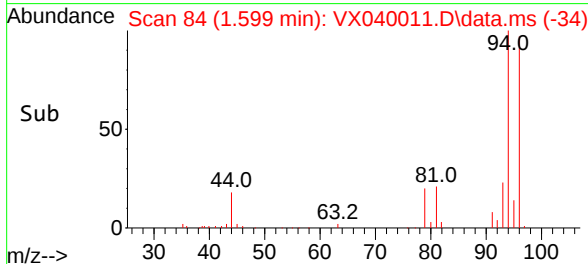
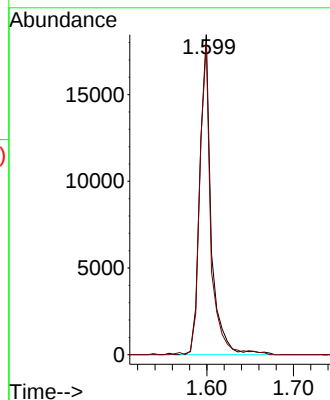
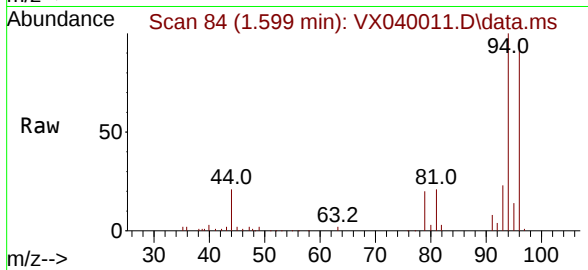
96 97.2 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 21.065 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX040011.D

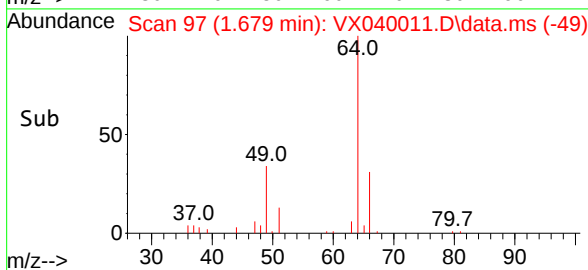
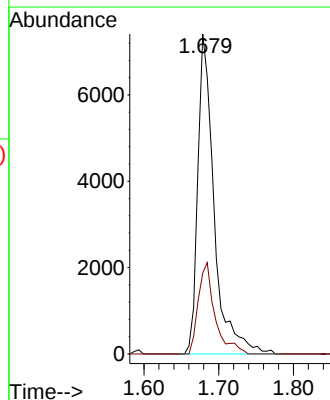
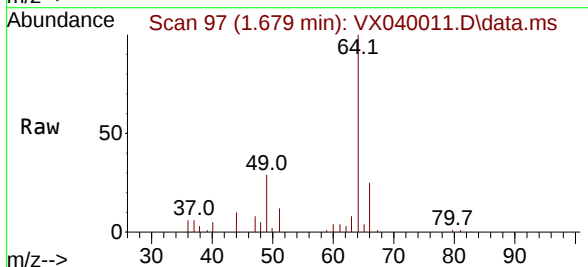
Acq: 30 Jan 2024 11:21

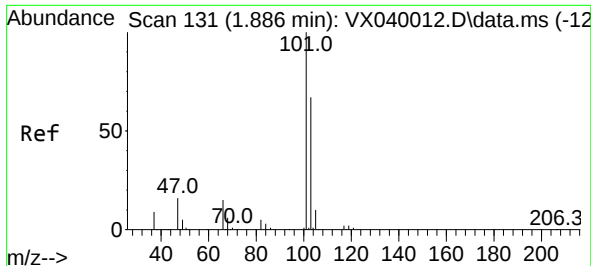
Tgt Ion: 64 Resp: 11252

Ion Ratio Lower Upper

64 100

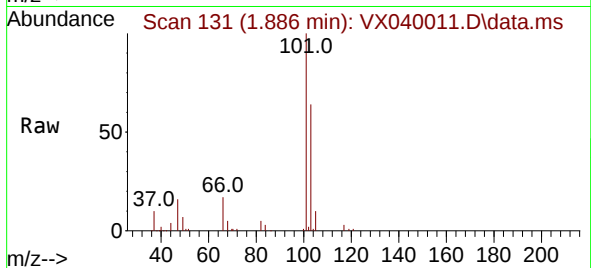
66 25.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.601 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

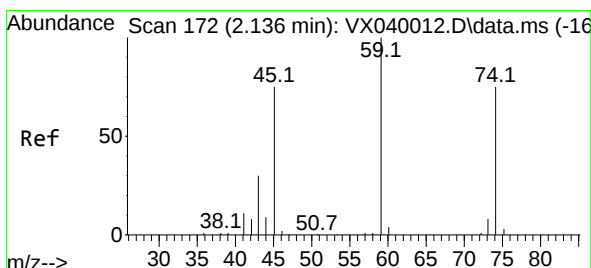
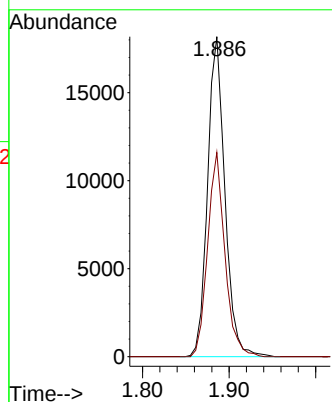
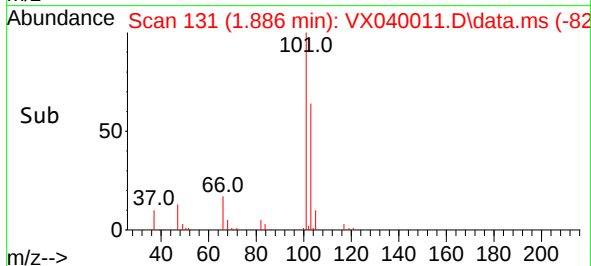
Instrument :
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ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 2523
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

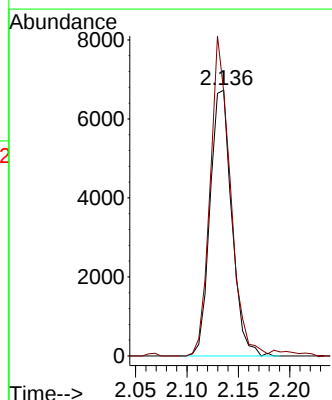
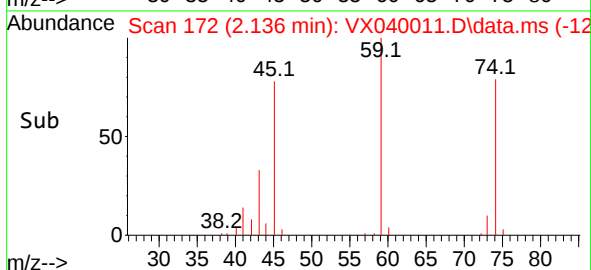
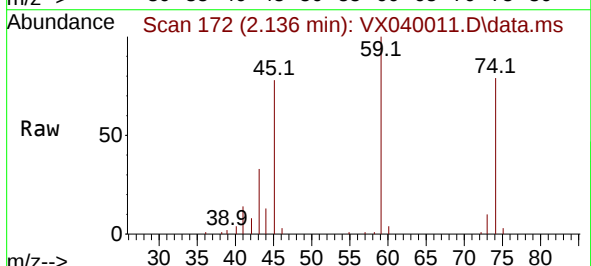
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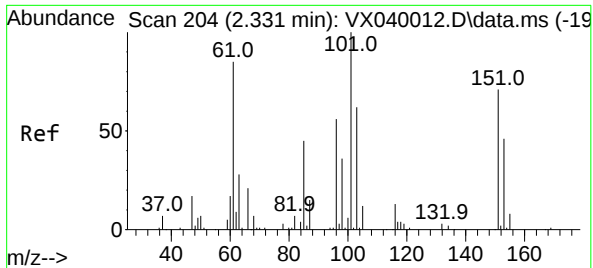
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#8
Diethyl Ether
Concen: 21.721 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040011.D
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Tgt Ion: 74 Resp: 9886
Ion Ratio Lower Upper
74 100
45 111.8 53.3 159.8





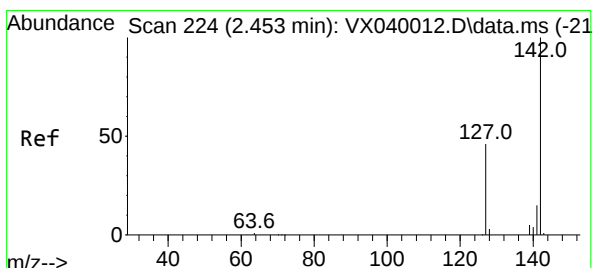
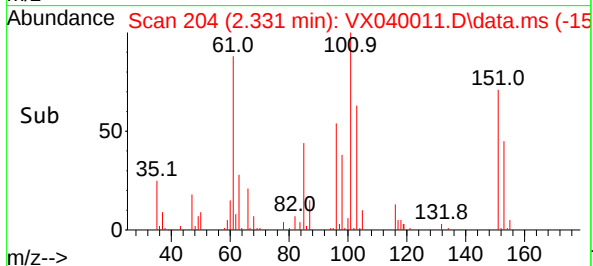
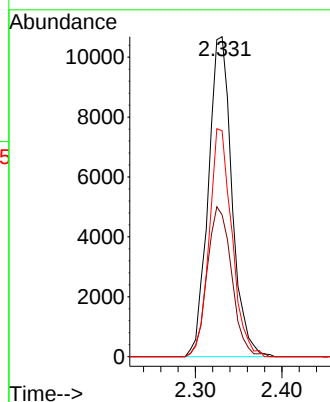
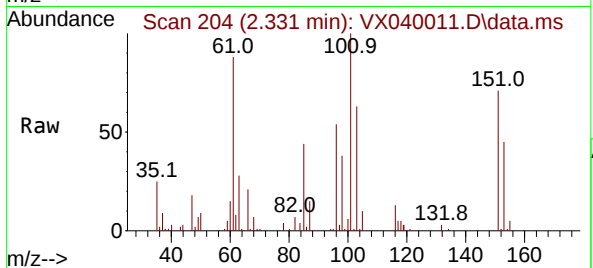
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.074 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 2024
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 68.3 58.6 87.8

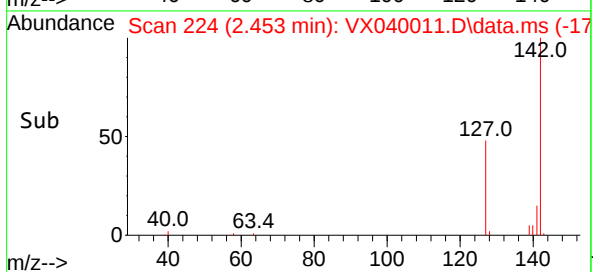
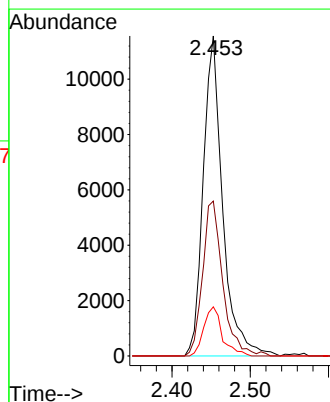
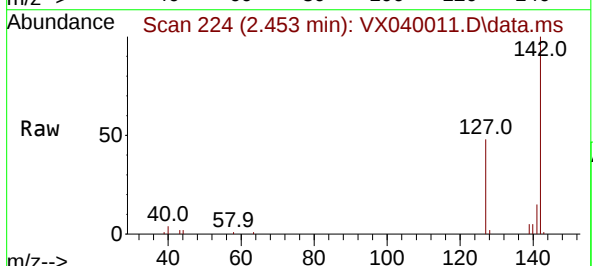
Manual Integrations
APPROVED

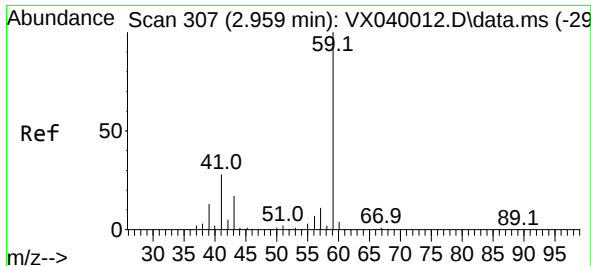
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 19.445 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

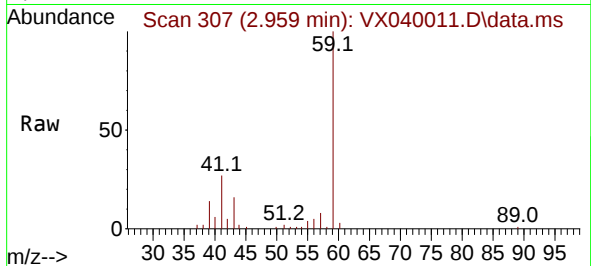
Tgt Ion:142 Resp: 19882
Ion Ratio Lower Upper
142 100
127 50.5 41.6 62.4
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 104.884 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

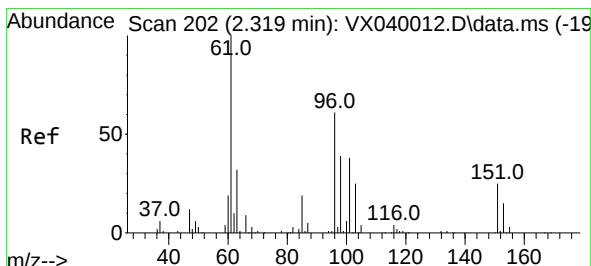
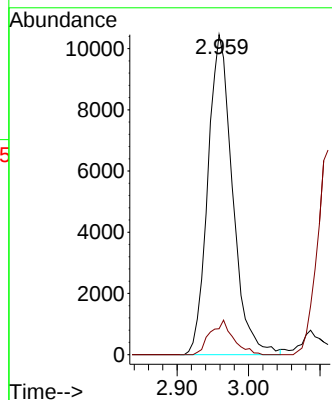
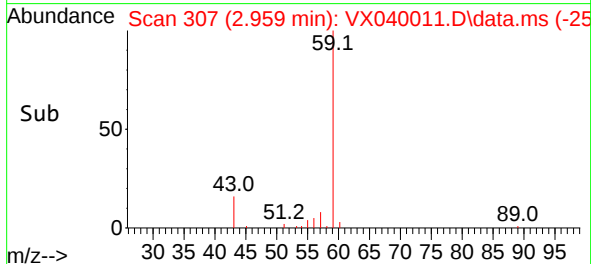
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



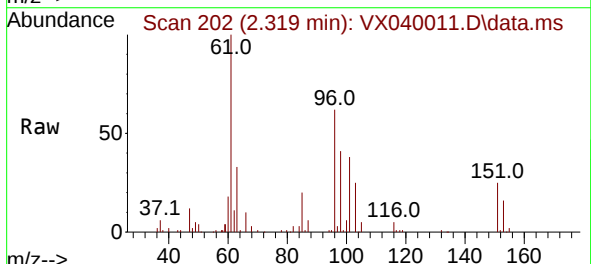
Tgt Ion: 59 Resp: 2508
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

Manual Integrations
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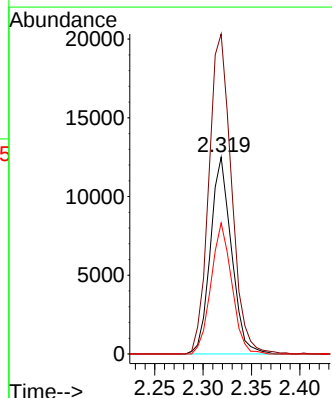
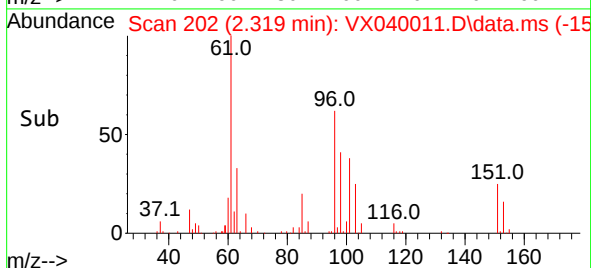
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

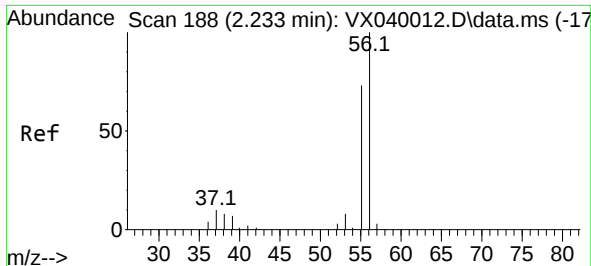


#12
1,1-Dichloroethene
Concen: 20.575 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



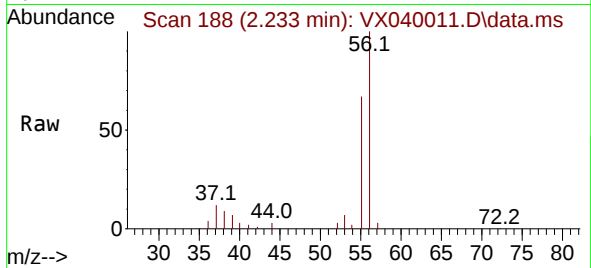
Tgt Ion: 96 Resp: 18954
Ion Ratio Lower Upper
96 100
61 162.6 144.6 216.8
98 66.5 50.4 75.6





#13
Acrolein
Concen: 100.250 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

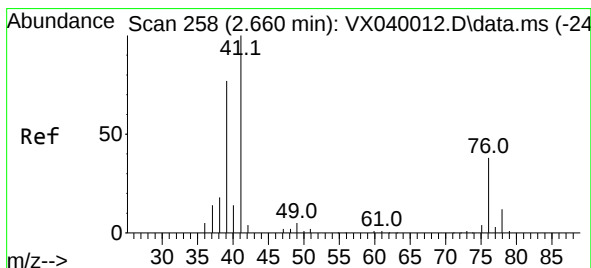
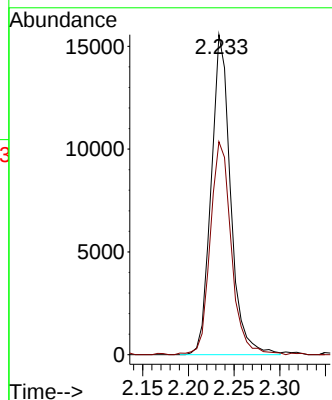
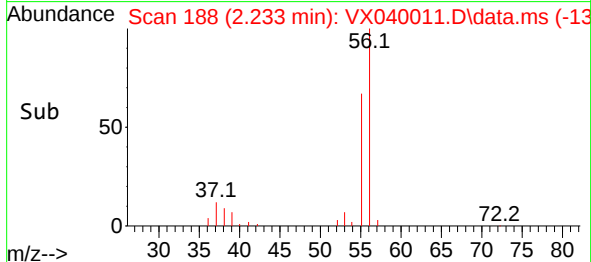
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



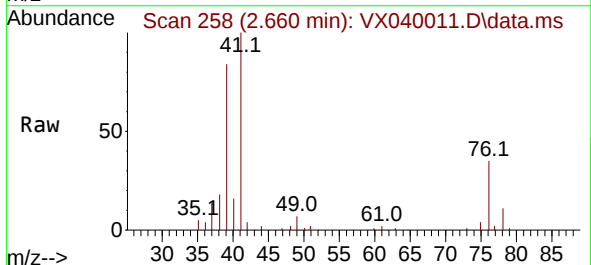
Tgt Ion: 56 Resp: 22972
Ion Ratio Lower Upper
56 100
55 71.9 57.1 85.7

Manual Integrations
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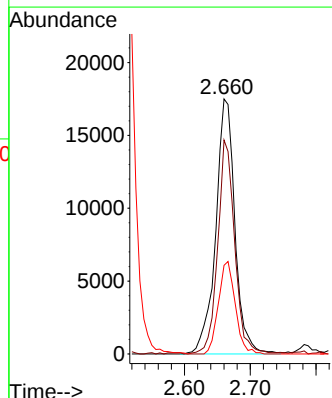
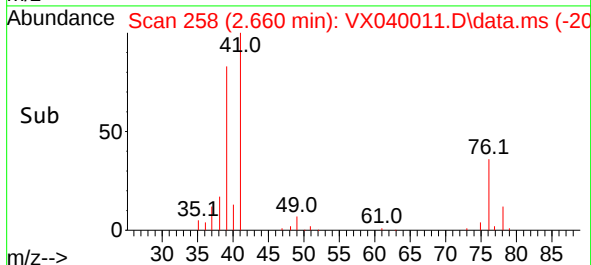
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

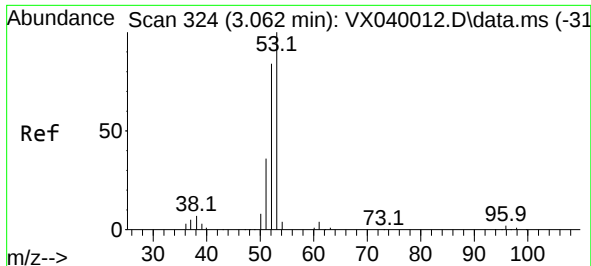


#14
Allyl chloride
Concen: 21.494 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



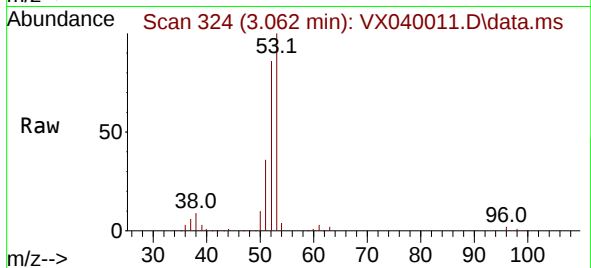
Tgt Ion: 41 Resp: 35690
Ion Ratio Lower Upper
41 100
39 73.8 55.8 83.6
76 31.7 24.3 36.5





#15
Acrylonitrile
Concen: 107.181 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

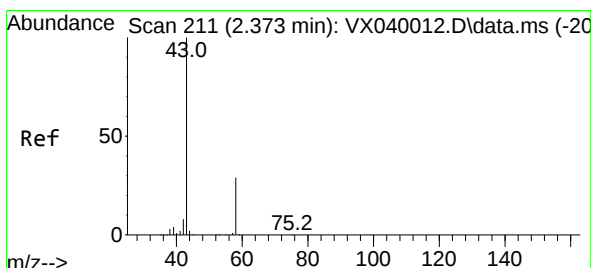
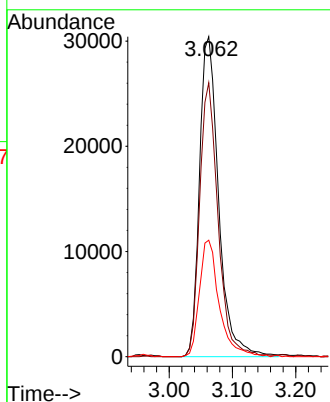
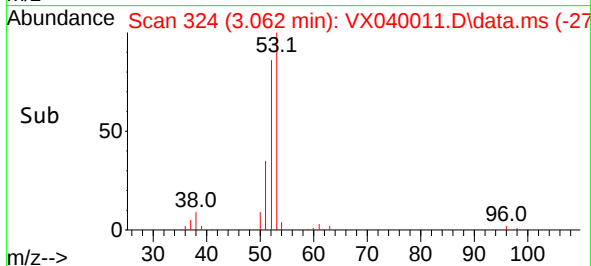
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 64214
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 37.6 29.8 44.6

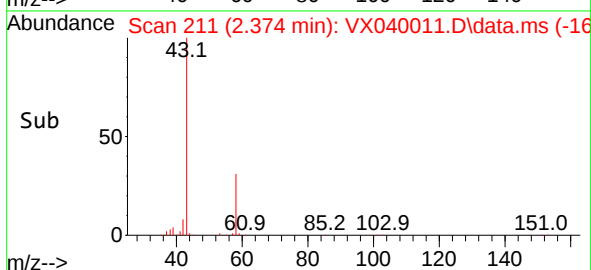
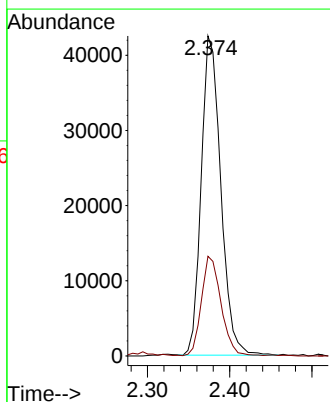
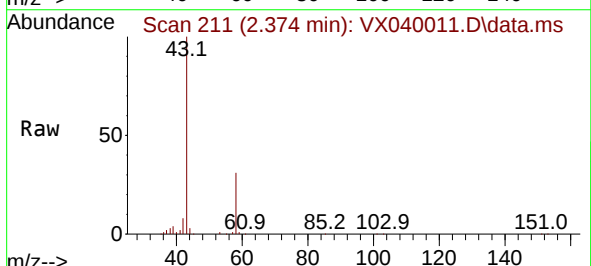
Manual Integrations
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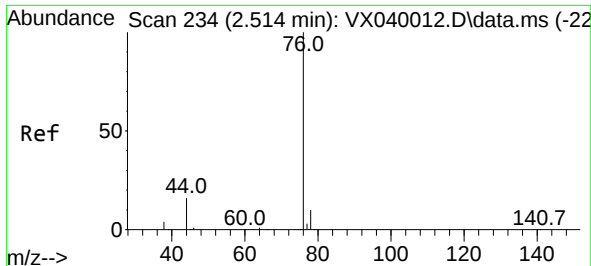
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 113.624 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 43 Resp: 70174
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





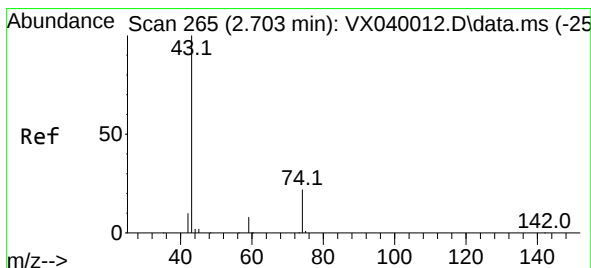
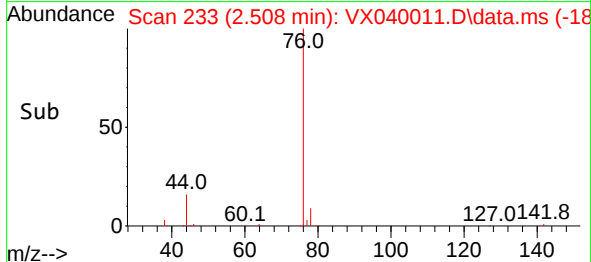
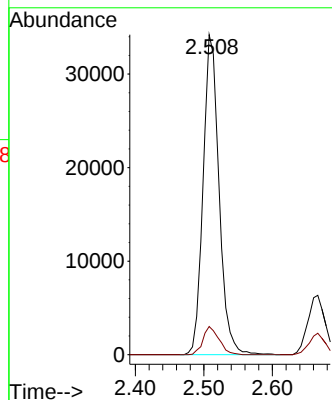
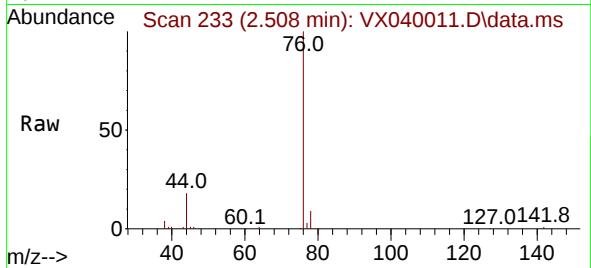
#17
Carbon Disulfide
Concen: 20.582 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 55436
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

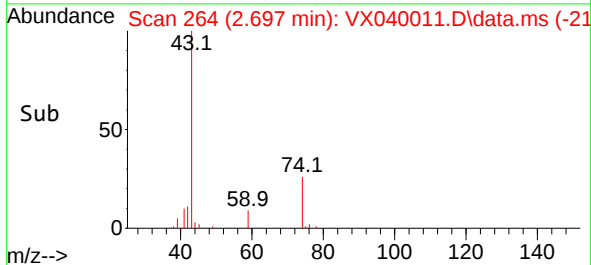
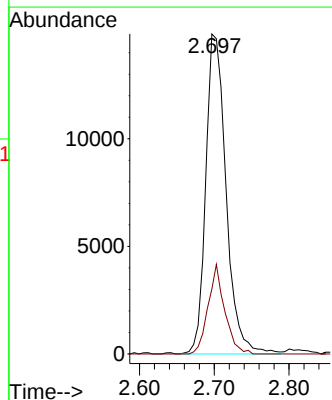
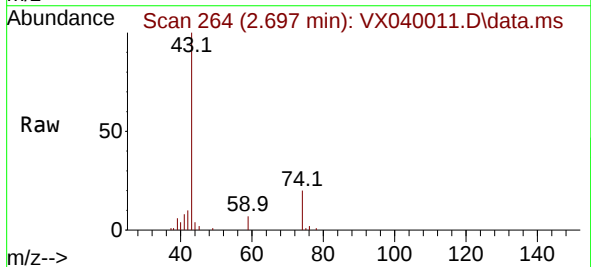
Manual Integrations
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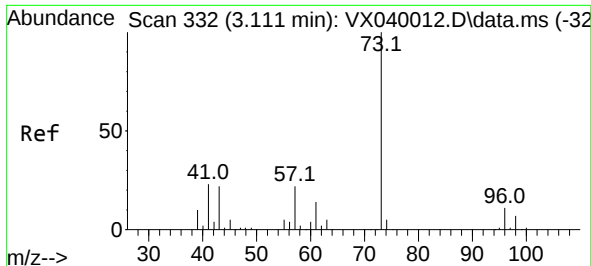
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 19.225 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 43 Resp: 28128
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





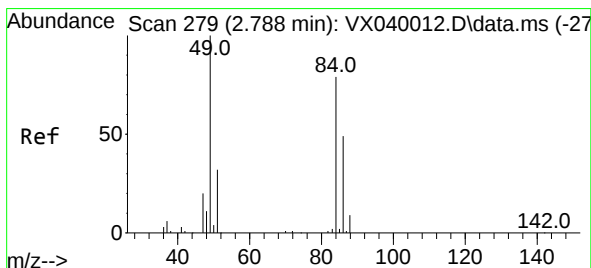
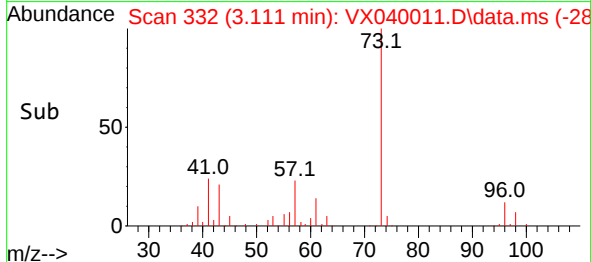
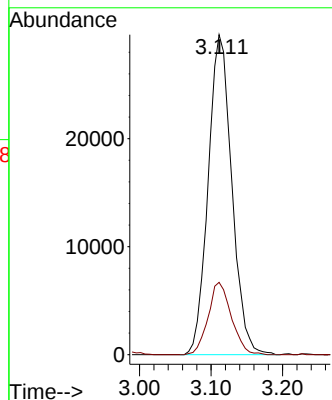
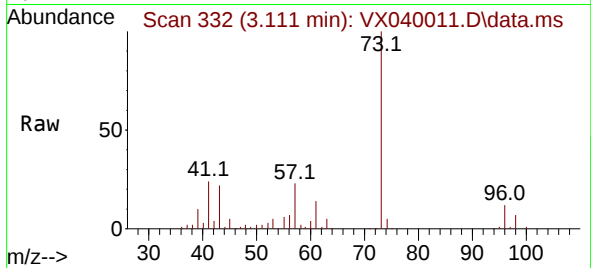
#19
Methyl tert-butyl Ether
Concen: 21.564 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 6804
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

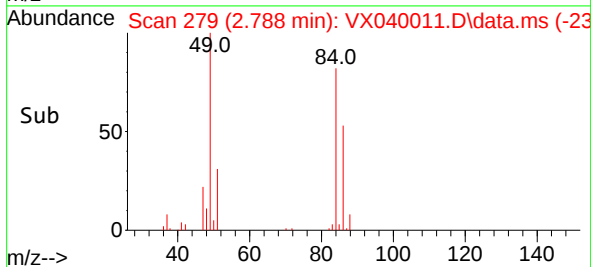
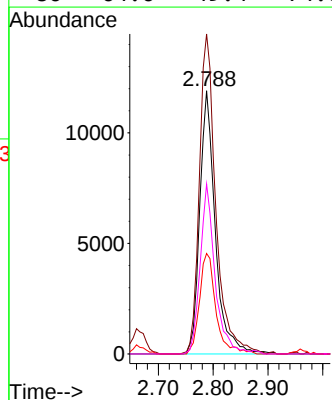
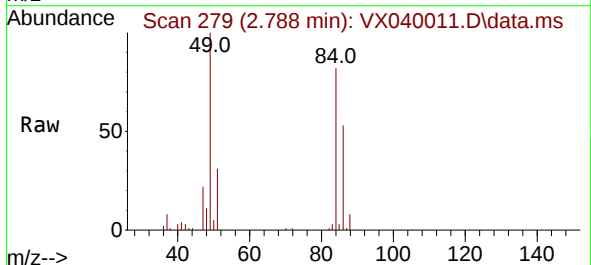
Manual Integrations
APPROVED

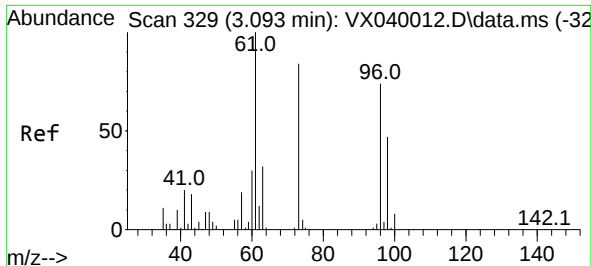
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 21.498 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

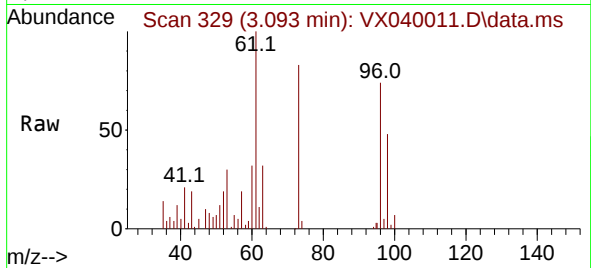
Tgt Ion: 84 Resp: 23595
Ion Ratio Lower Upper
84 100
49 121.6 103.6 155.4
51 38.2 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 21.261 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

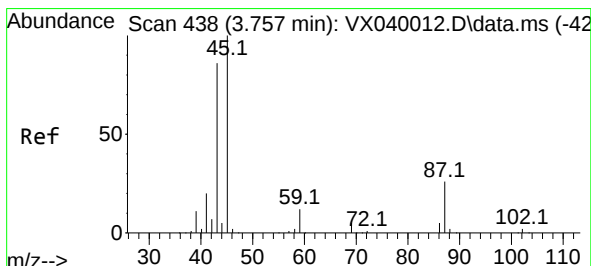
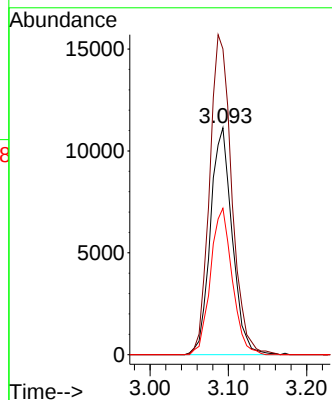
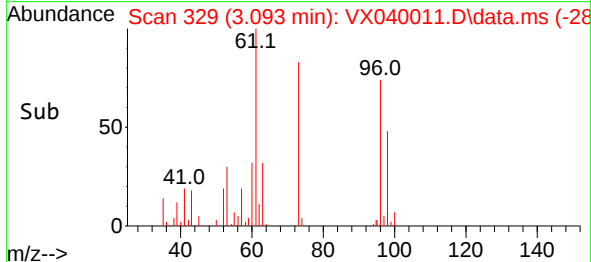
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 21568
Ion Ratio Lower Upper
96 100
61 134.8 119.2 178.8
98 64.5 48.7 73.1

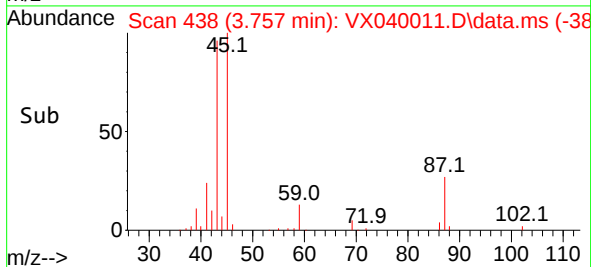
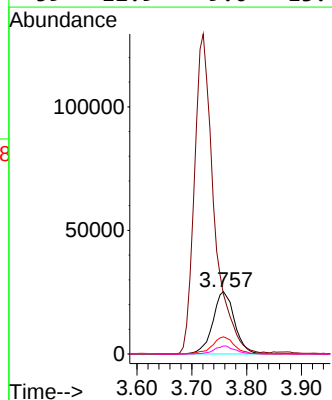
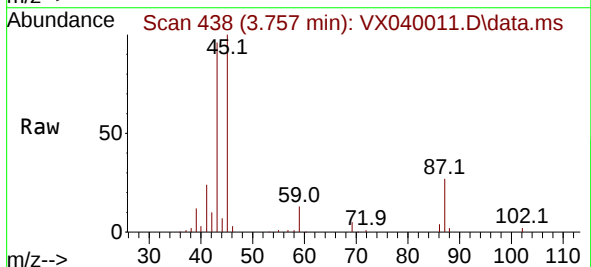
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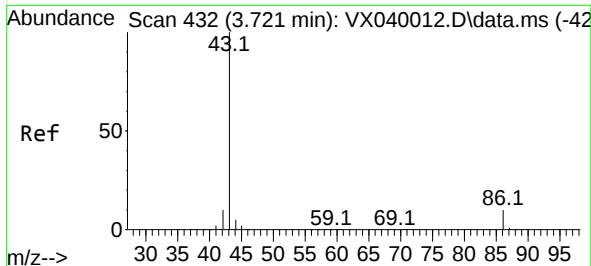
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 21.547 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 45 Resp: 69303
Ion Ratio Lower Upper
45 100
43 94.2 69.7 104.5
87 27.5 20.8 31.2
59 12.9 9.0 13.4





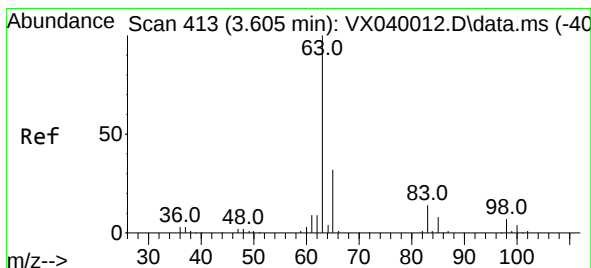
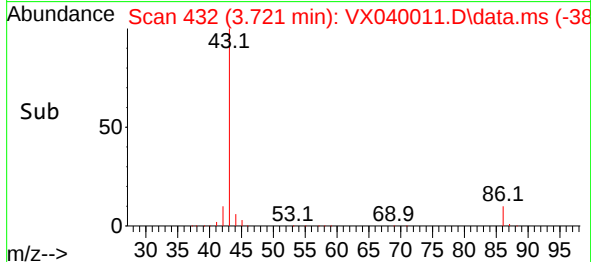
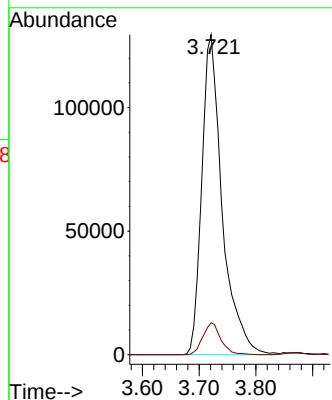
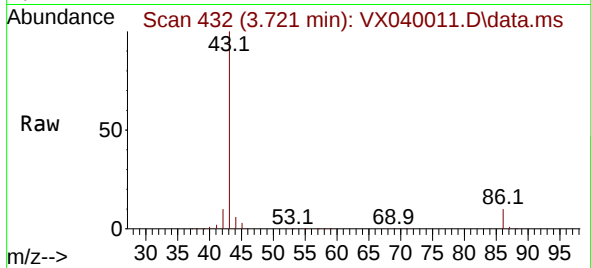
#23
Vinyl Acetate
Concen: 112.562 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 32401
Ion Ratio Lower Upper
43 100
86 9.9 7.8 11.8

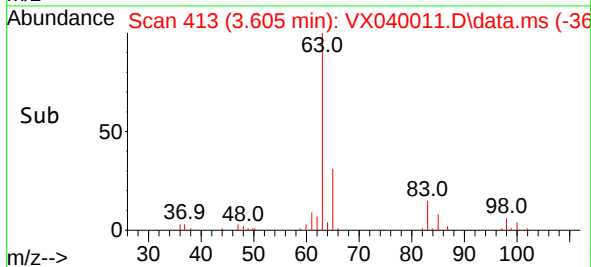
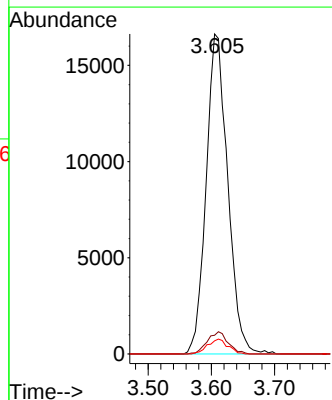
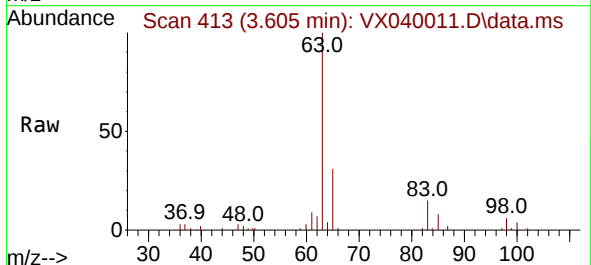
Manual Integrations
APPROVED

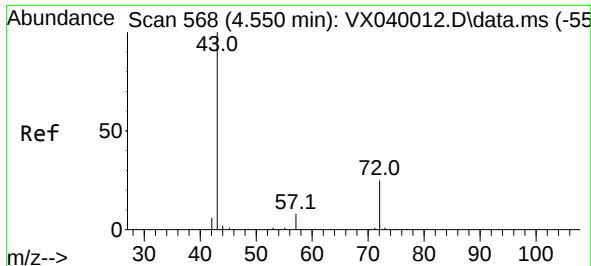
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#24
1,1-Dichloroethane
Concen: 21.418 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 63 Resp: 39454
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.8
100 4.1 2.1 6.5





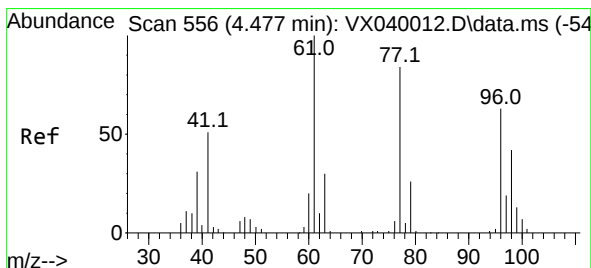
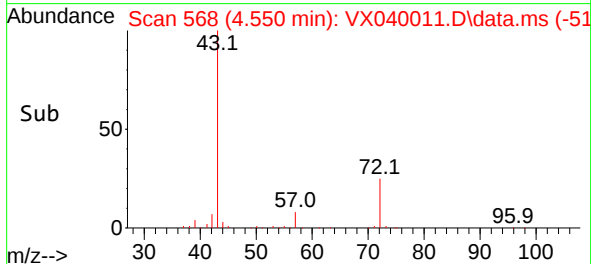
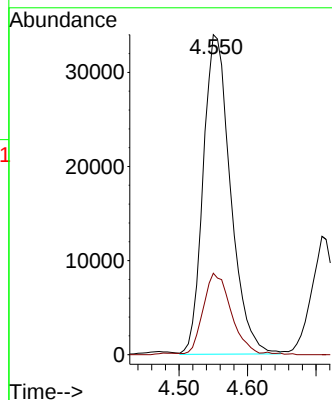
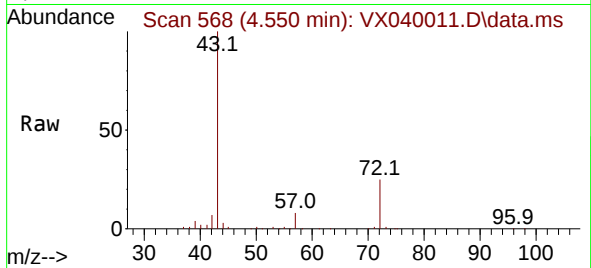
#25
2-Butanone
Concen: 109.885 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 94339
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

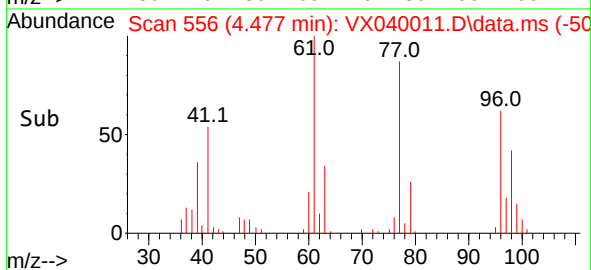
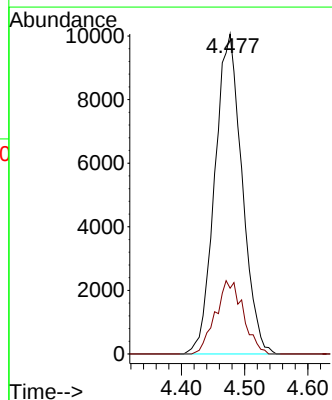
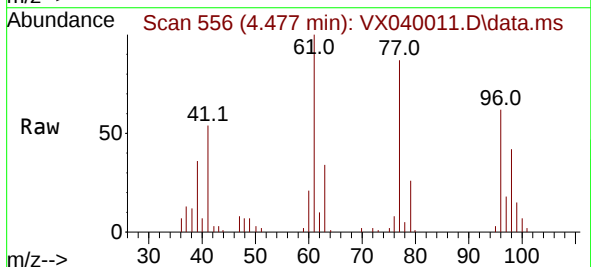
Manual Integrations
APPROVED

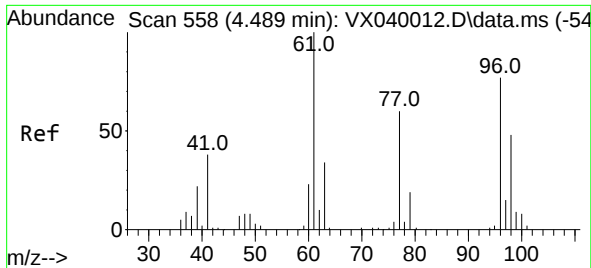
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 20.924 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

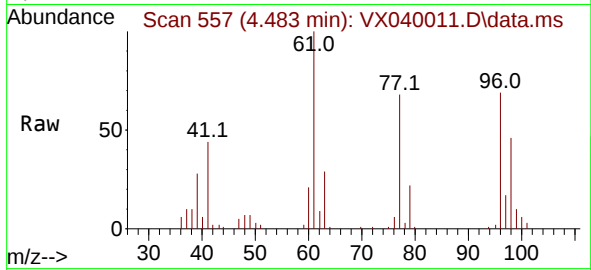
Tgt Ion: 77 Resp: 30075
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 21.692 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

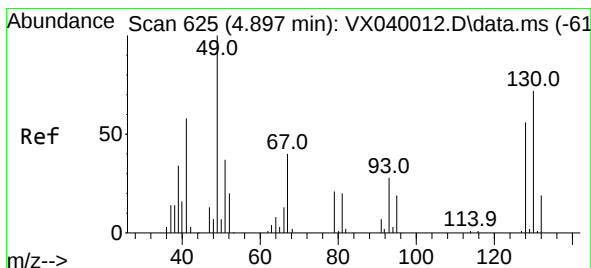
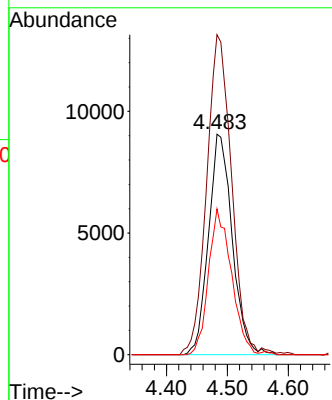
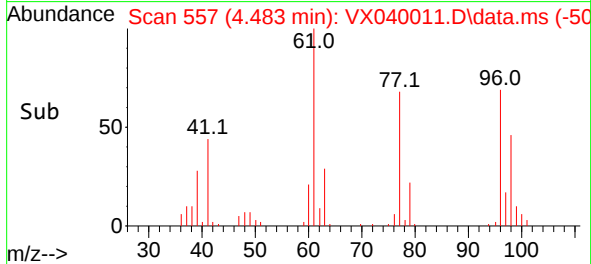
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 2455
Ion Ratio Lower Upper
96 100
61 152.7 0.0 312.2
98 63.7 0.0 129.0

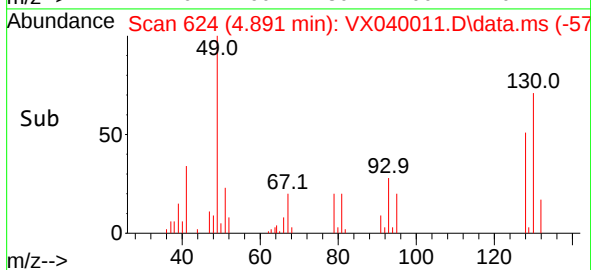
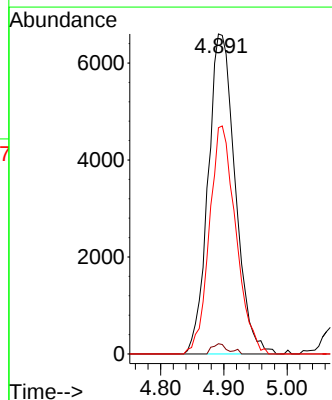
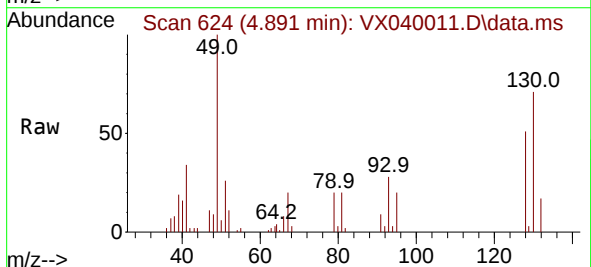
Manual Integrations
APPROVED

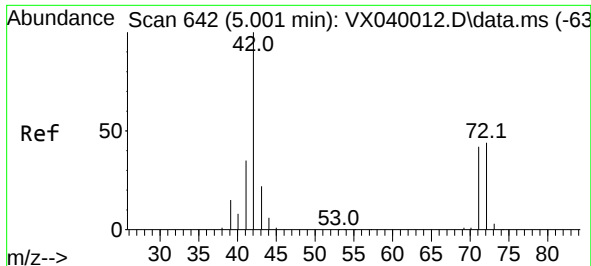
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#28
Bromochloromethane
Concen: 22.854 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 49 Resp: 19631
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 69.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 108.389 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

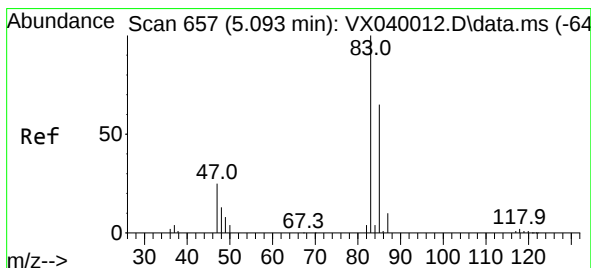
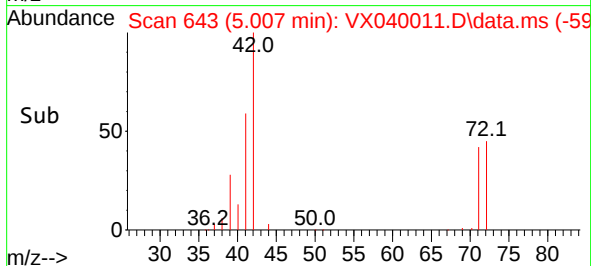
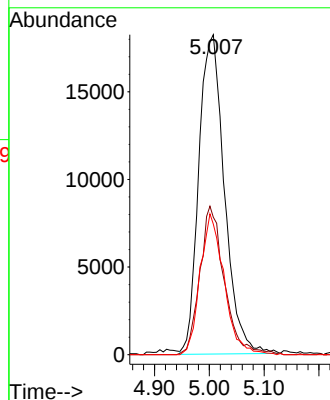
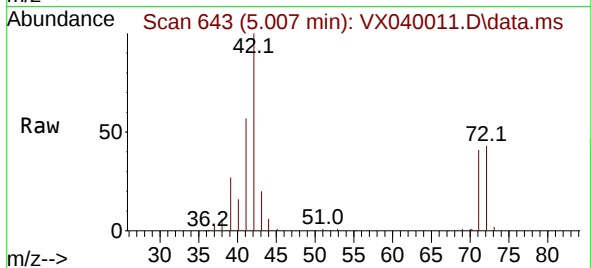
Tgt Ion:	42	Resp:	5916
Ion Ratio	Lower	Upper	
42	100		
72	44.5	34.2	51.4
71	41.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#30

Chloroform

Concen: 21.372 ug/l

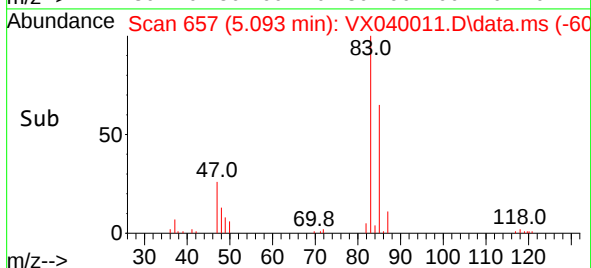
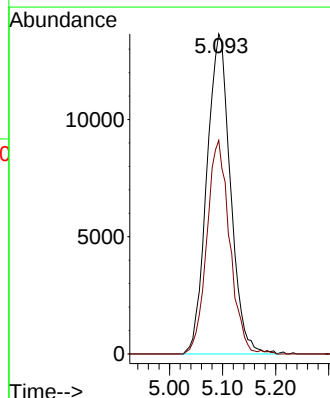
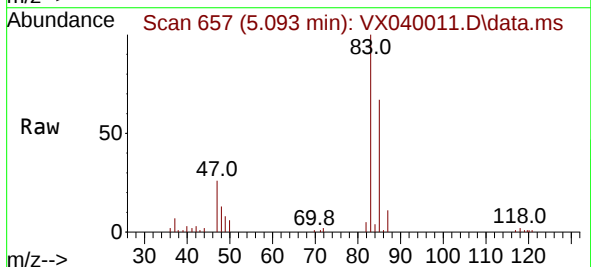
RT: 5.093 min Scan# 657

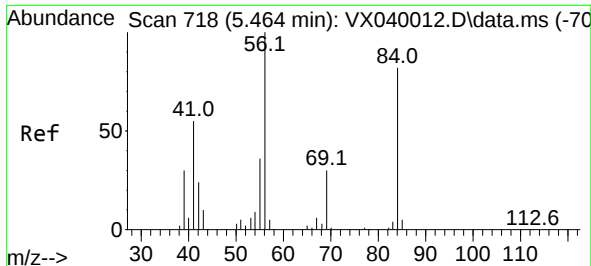
Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

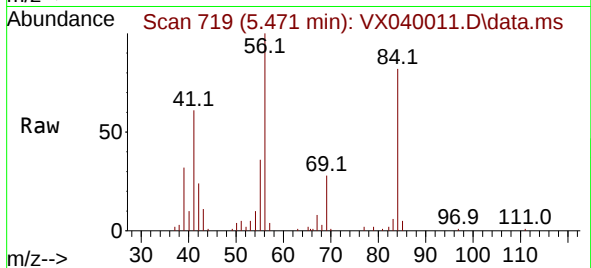
Tgt Ion:	83	Resp:	42276
Ion Ratio	Lower	Upper	
83	100		
85	66.8	50.3	75.5





#31
Cyclohexane
Concen: 21.777 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

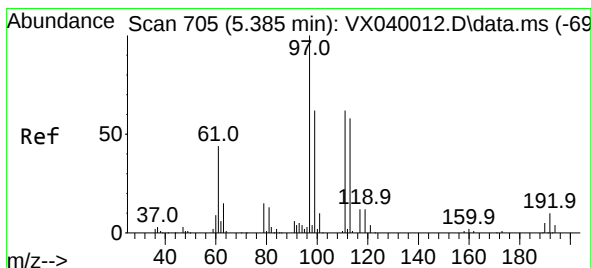
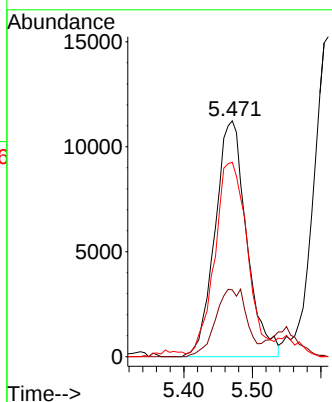
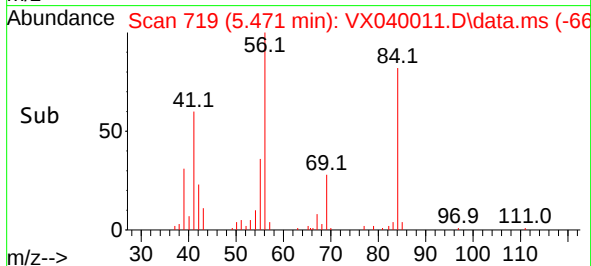
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 35950
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 80.5 65.9 98.9

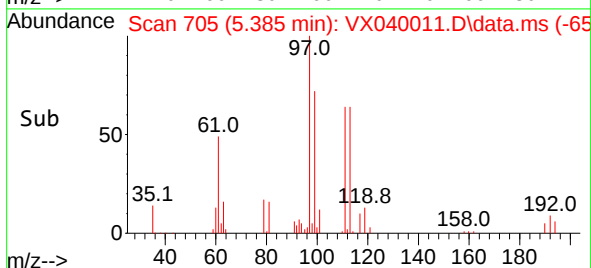
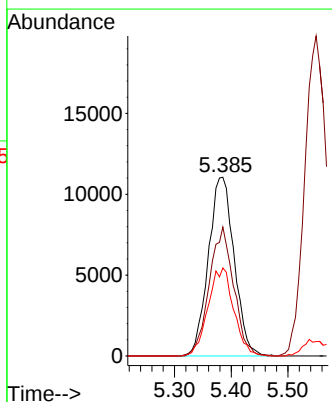
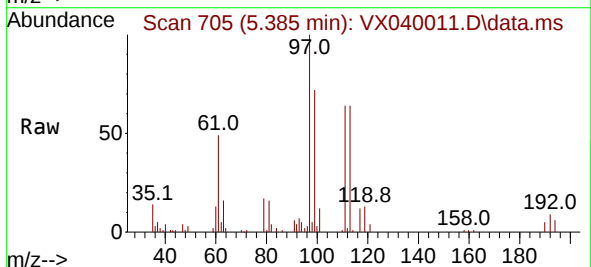
Manual Integrations
APPROVED

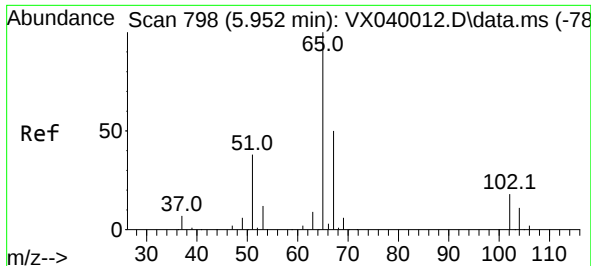
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#32
1,1,1-Trichloroethane
Concen: 20.596 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 97 Resp: 34963
Ion Ratio Lower Upper
97 100
99 68.1 51.1 76.7
61 49.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 21.927 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2890

Ion Ratio Lower Upper

65 100

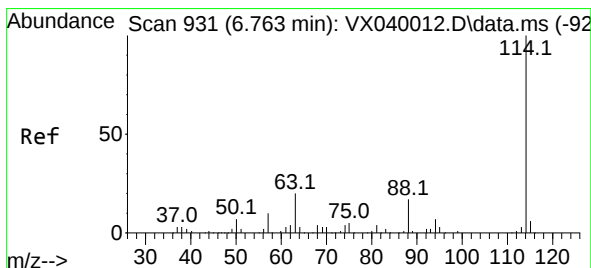
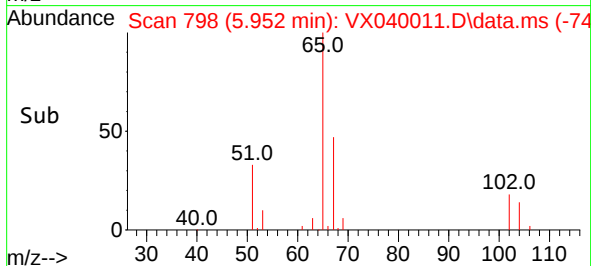
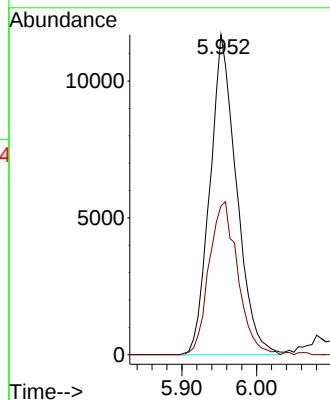
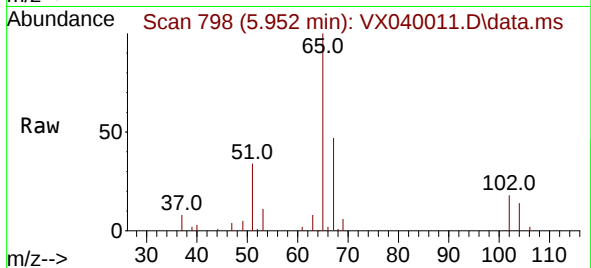
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

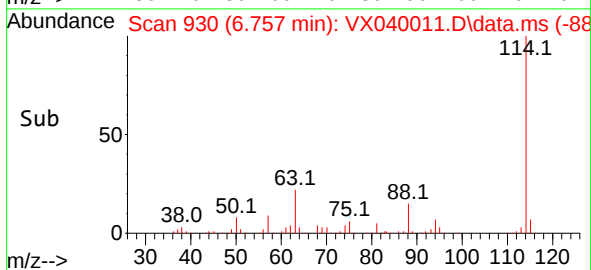
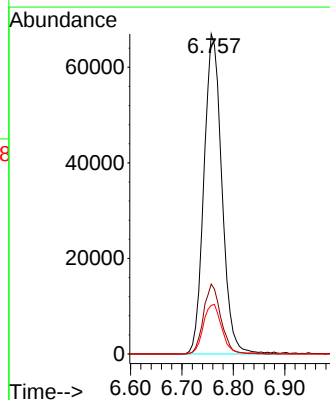
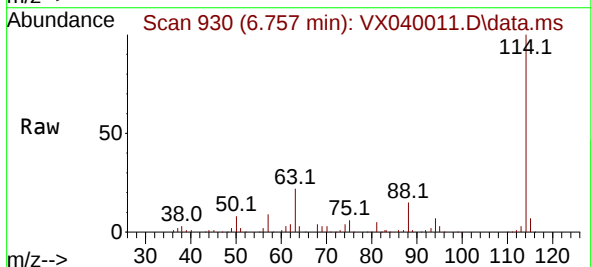
Tgt Ion:114 Resp: 161975

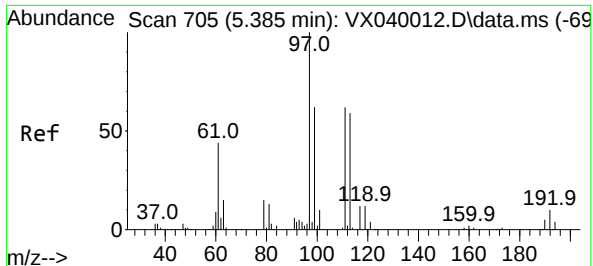
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 18.798 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

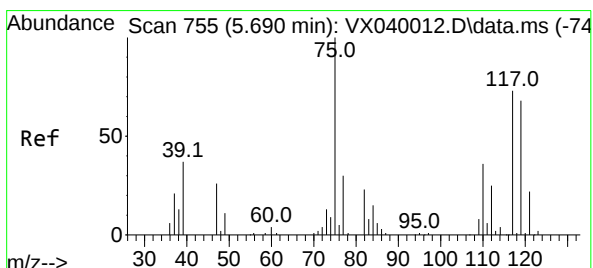
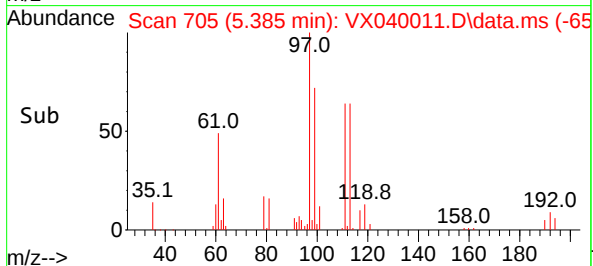
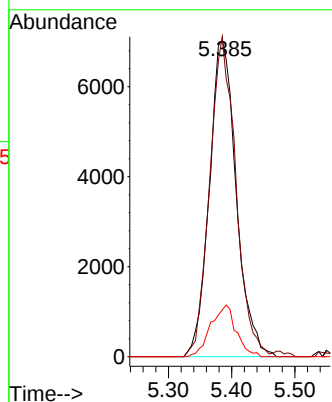
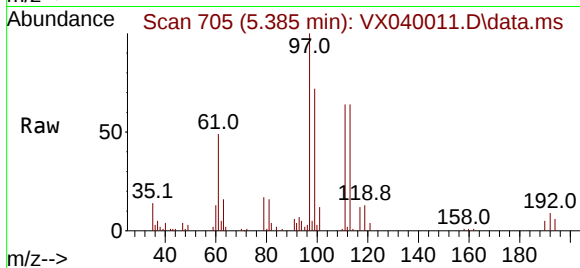
Tgt Ion:	113	Resp:	2072
Ion Ratio	Lower	Upper	
113	100		
111	98.6	82.9	124.3
192	15.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#36

1,1-Dichloropropene

Concen: 19.917 ug/l

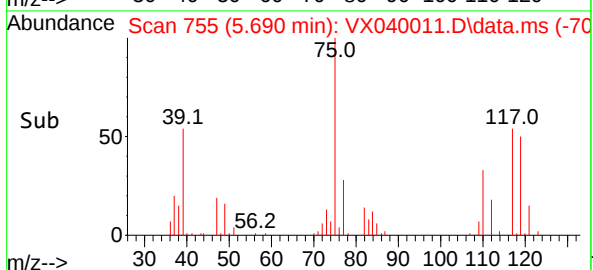
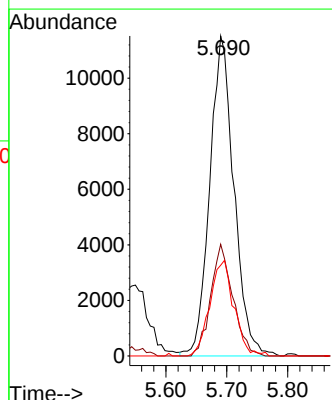
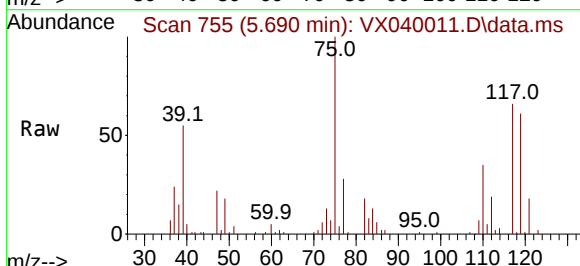
RT: 5.690 min Scan# 755

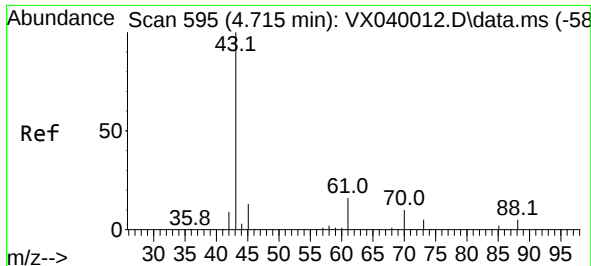
Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Tgt Ion:	75	Resp:	31761
Ion Ratio	Lower	Upper	
75	100		
110	31.9	17.0	50.9
77	29.7	24.7	37.1





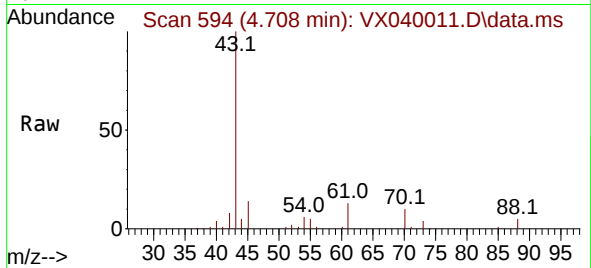
#37
Ethyl Acetate
Concen: 19.864 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

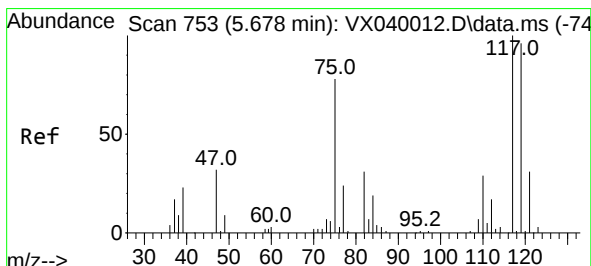
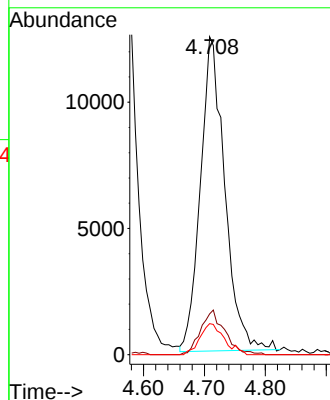
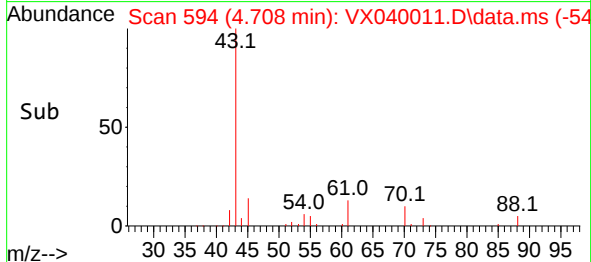


Tgt Ion: 43 Resp: 34594
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 9.8 8.3 12.5

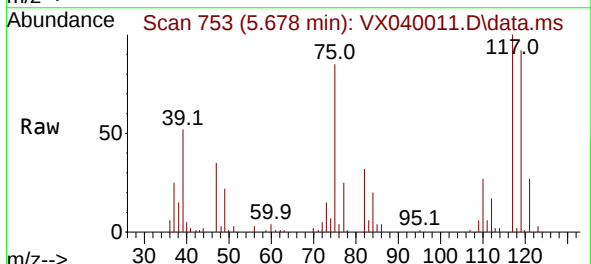
Manual Integrations

APPROVED

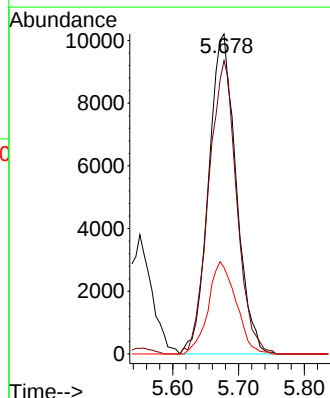
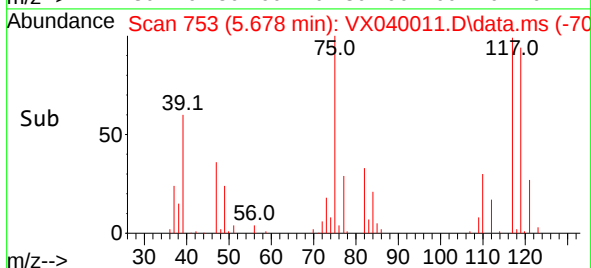
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

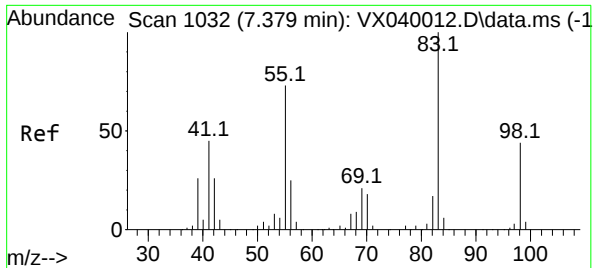


#38
Carbon Tetrachloride
Concen: 19.456 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



Tgt Ion:117 Resp: 29687
Ion Ratio Lower Upper
117 100
119 91.7 78.2 117.2
121 27.0 24.4 36.6





#39
Methylcyclohexane
Concen: 20.523 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

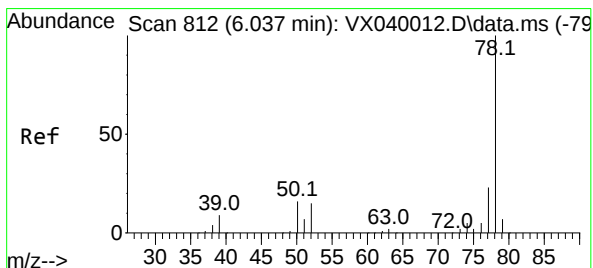
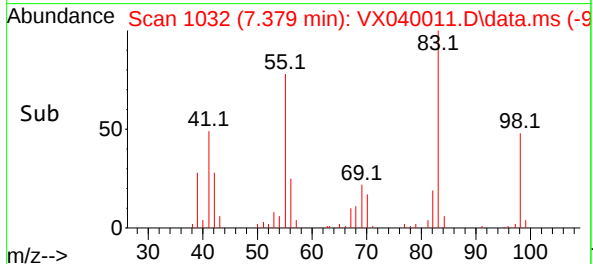
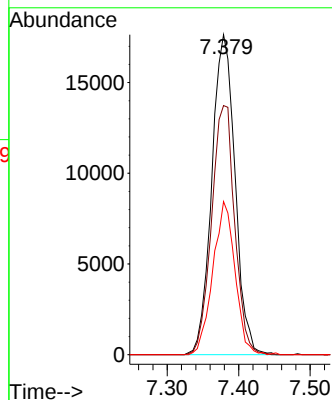
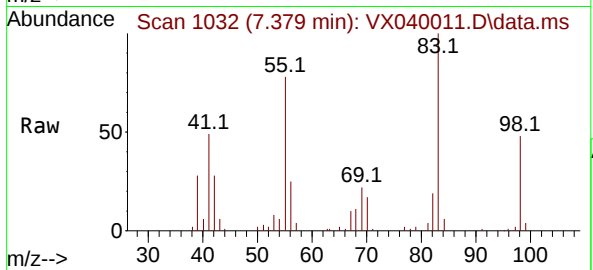
Tgt Ion: 83 Resp: 39818
Ion Ratio Lower Upper
83 100
55 77.8 64.6 97.0
98 47.9 36.7 55.1

Manual Integrations

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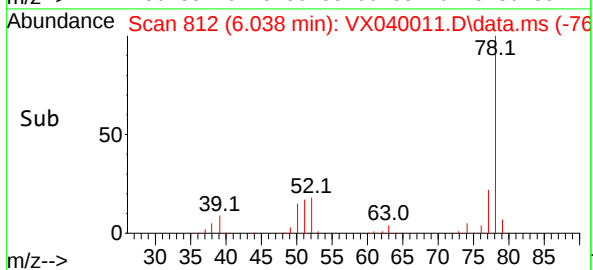
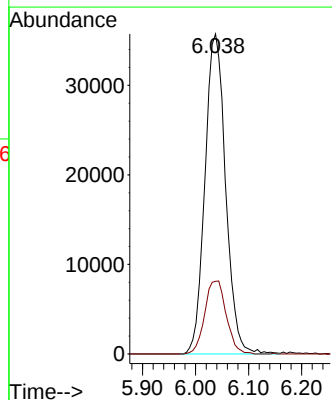
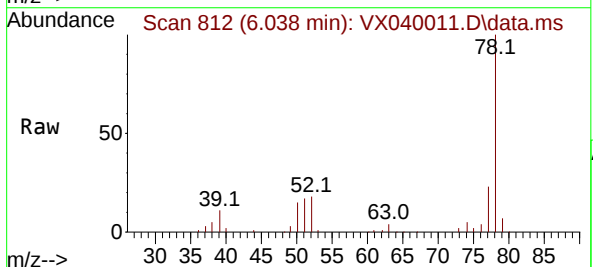
Reviewed By :John Carlone 01/31/2024

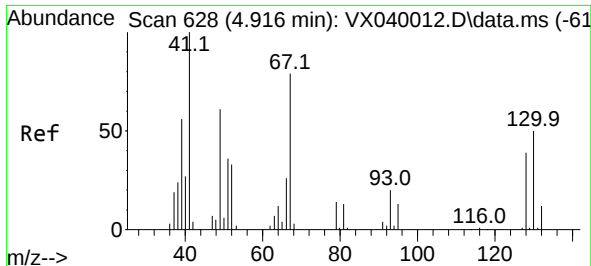
Supervised By :Semsettin Yesilyurt 01/31/2024



#40
Benzene
Concen: 20.860 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

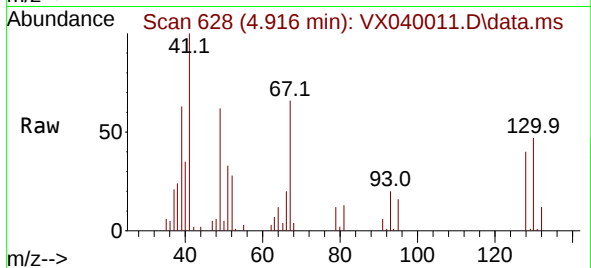
Tgt Ion: 78 Resp: 96887
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 20.783 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

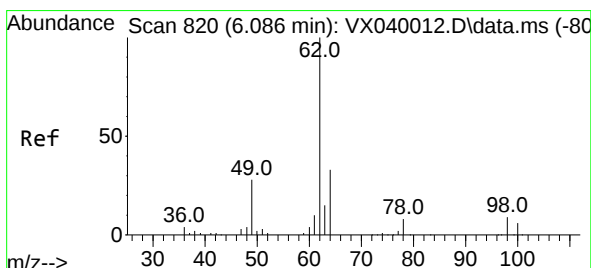
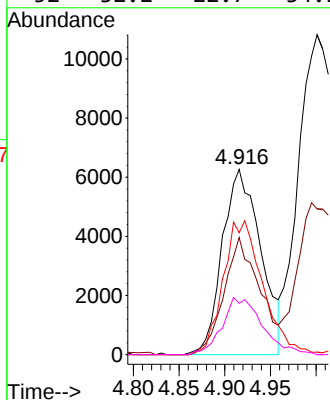
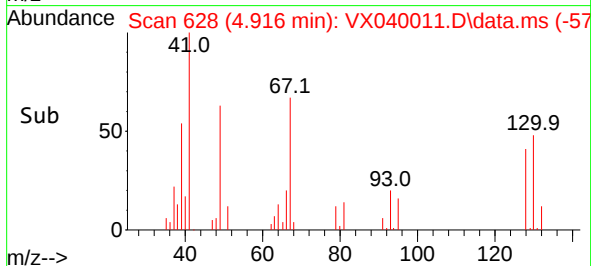
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1835
Ion Ratio Lower Upper
41 100
39 58.6 45.2 67.8
67 74.9 52.6 78.8
52 32.2 22.7 34.1

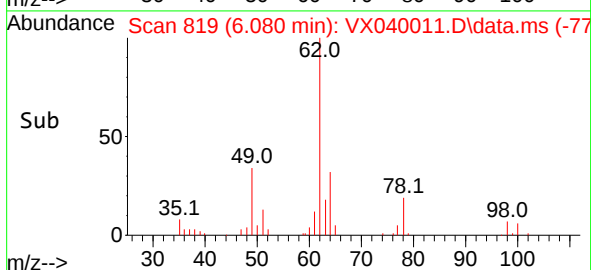
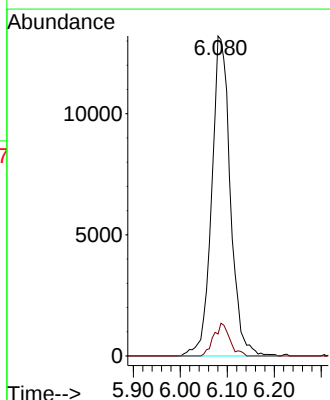
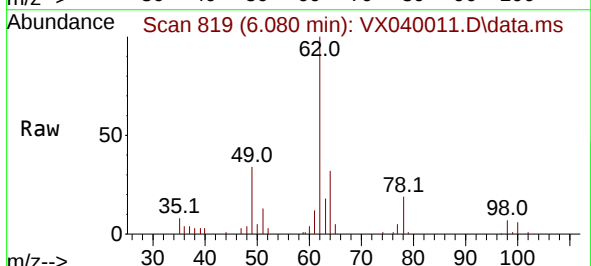
Manual Integrations
APPROVED

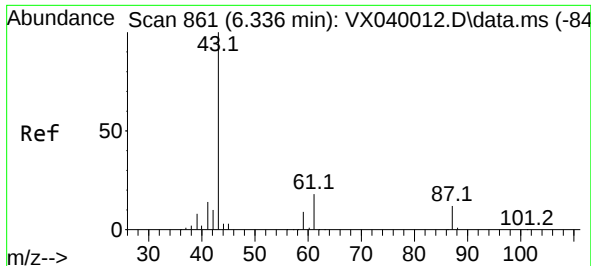
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

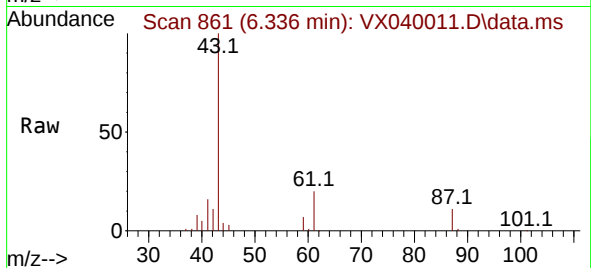
Tgt Ion: 62 Resp: 36414
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.971 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

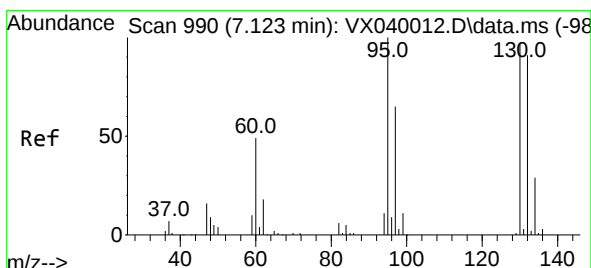
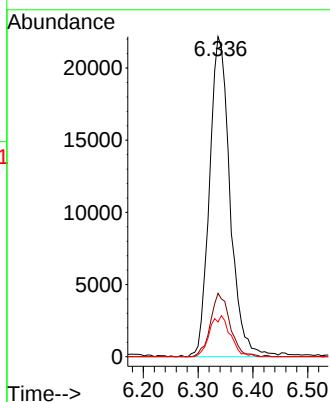
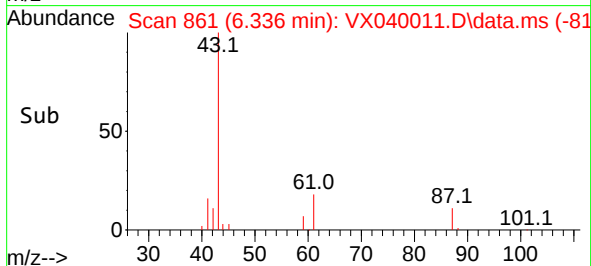
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



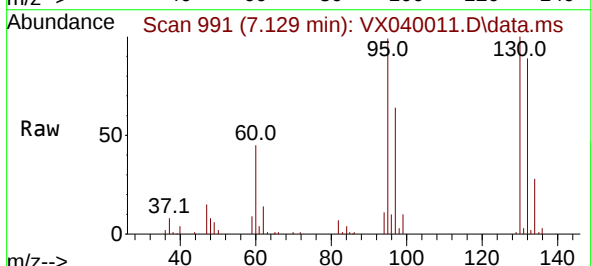
Tgt Ion: 43 Resp: 5759
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 13.0 9.8 14.6

Manual Integrations
APPROVED

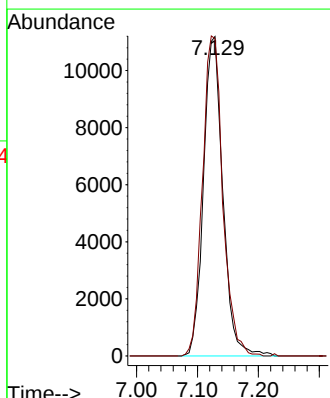
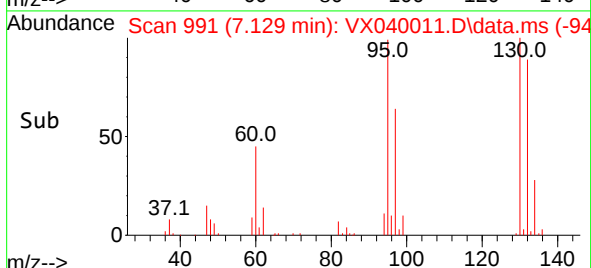
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

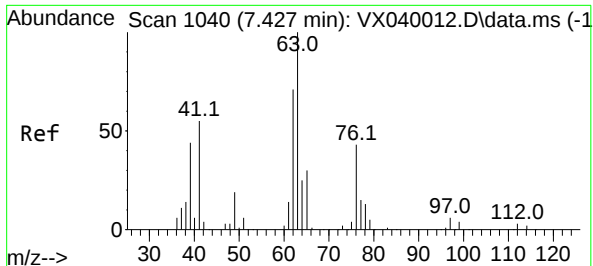


#44
Trichloroethene
Concen: 20.228 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



Tgt Ion:130 Resp: 24723
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.828 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2554

Ion Ratio Lower Upper

63 100

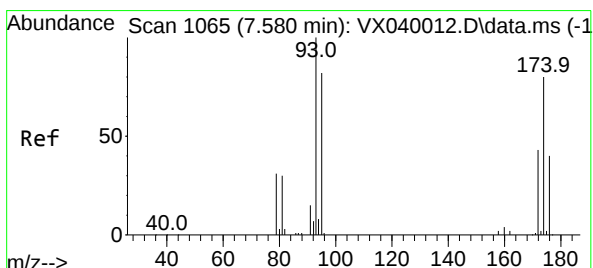
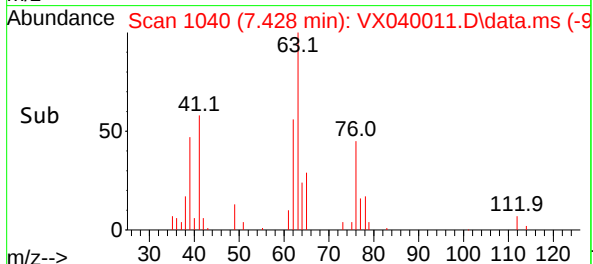
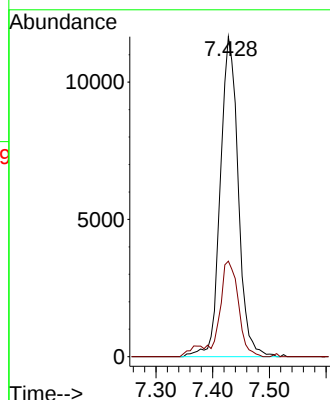
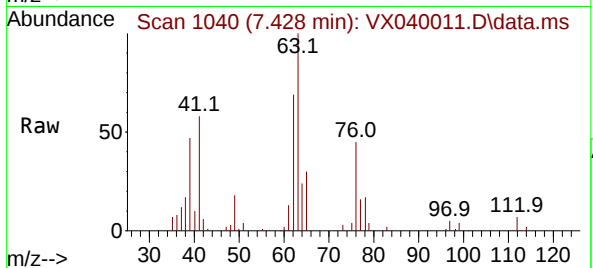
65 29.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#46

Dibromomethane

Concen: 20.298 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

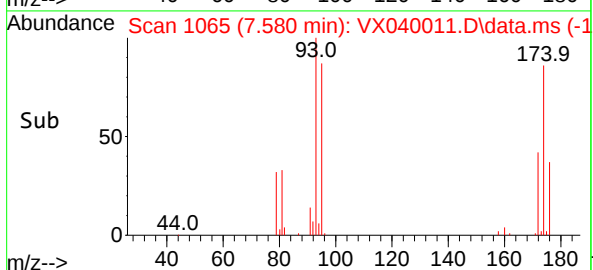
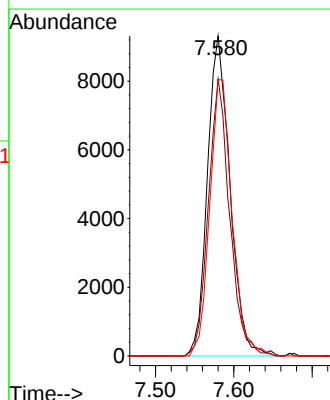
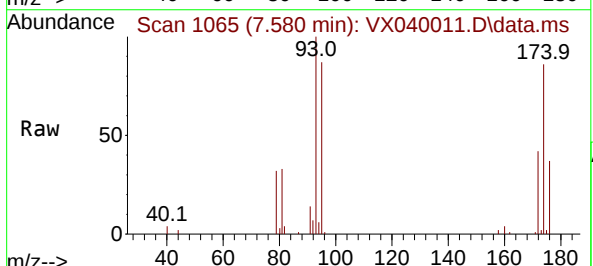
Tgt Ion: 93 Resp: 18683

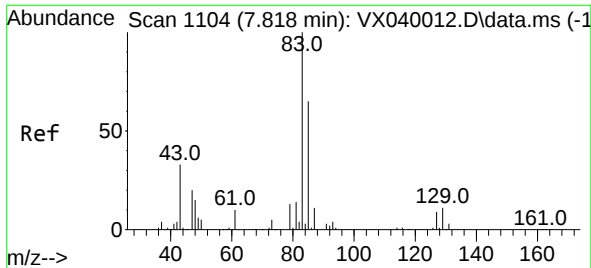
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 85.3 69.4 104.0





#47
Bromodichloromethane
Concen: 20.573 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

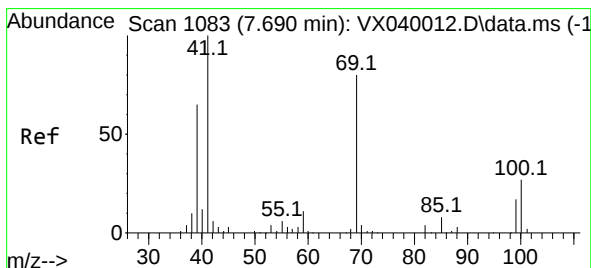
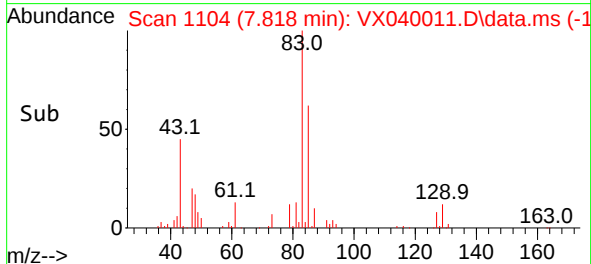
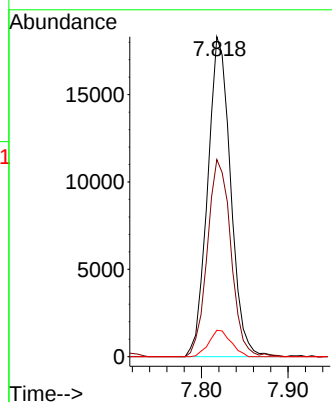
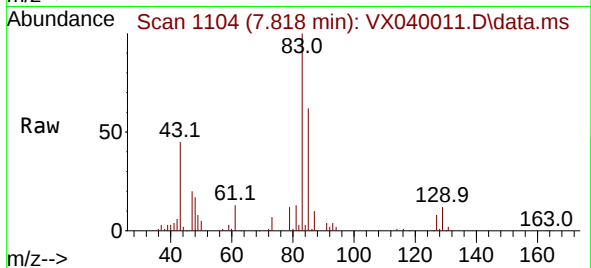
Tgt Ion: 83 Resp: 3372
Ion Ratio Lower Upper
83 100
85 61.6 49.8 74.6
127 8.2 7.1 10.7

Manual Integrations

APPROVED

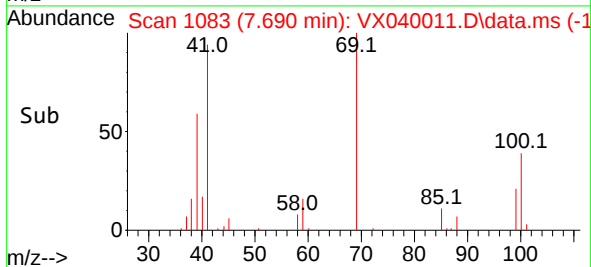
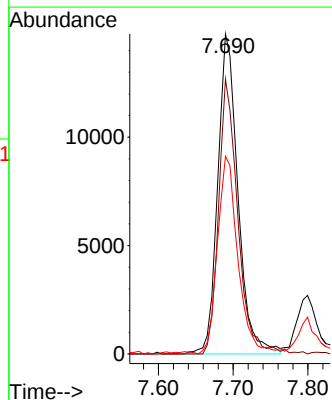
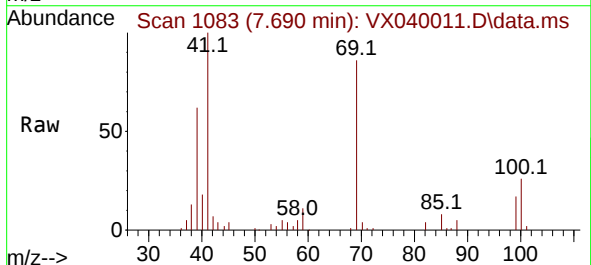
Reviewed By :John Carlone 01/31/2024

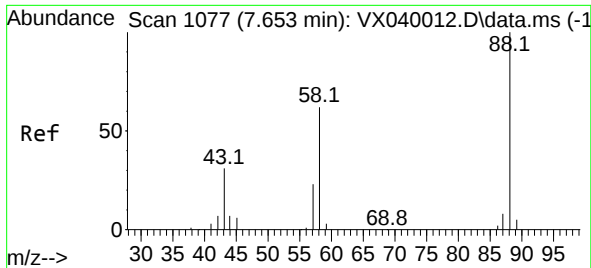
Supervised By :Semsettin Yesilyurt 01/31/2024



#48
Methyl methacrylate
Concen: 20.563 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 41 Resp: 27819
Ion Ratio Lower Upper
41 100
69 81.5 59.2 88.8
39 62.4 47.7 71.5





#49
1,4-Dioxane
Concen: 393.009 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

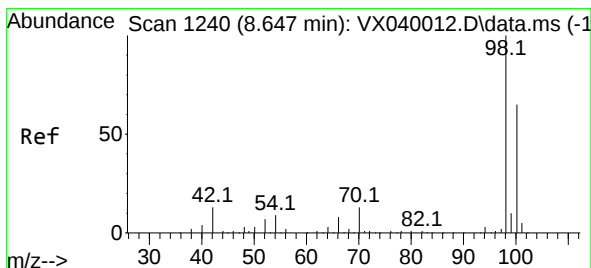
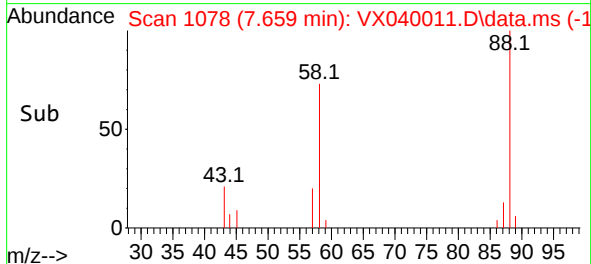
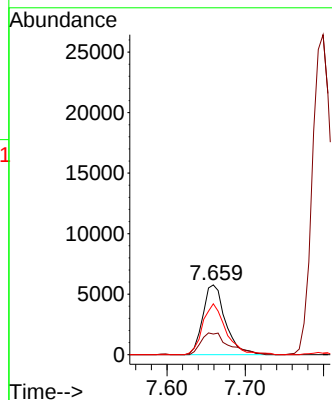
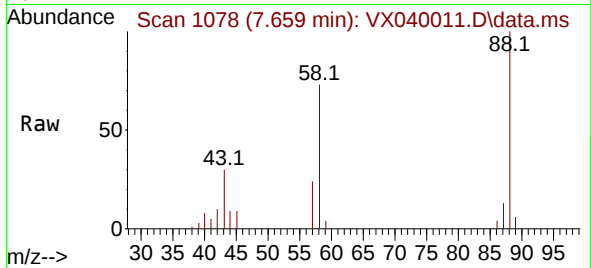
Tgt Ion: 88 Resp: 11554
Ion Ratio Lower Upper
88 100
43 38.5 0.0 0.0
58 75.0 60.1 90.1

Manual Integrations

APPROVED

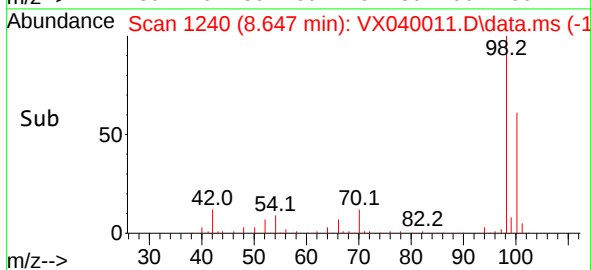
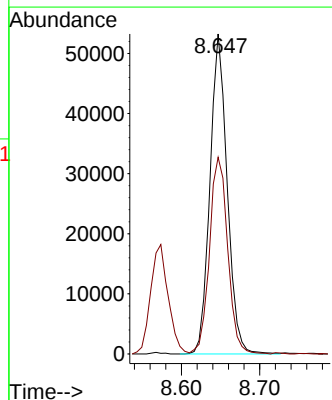
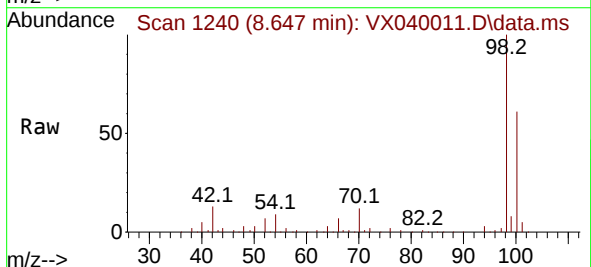
Reviewed By :John Carlone 01/31/2024

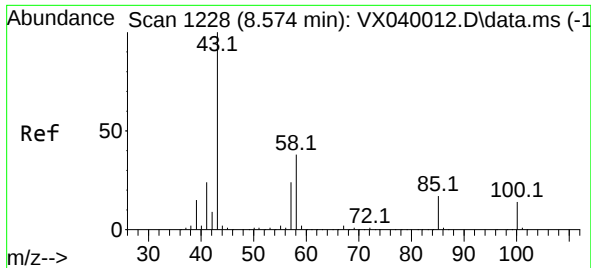
Supervised By :Semsettin Yesilyurt 01/31/2024



#50
Toluene-d8
Concen: 19.677 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 98 Resp: 81137
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





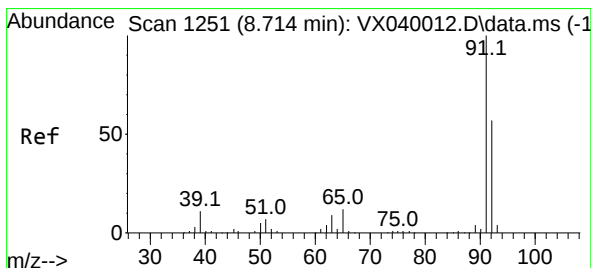
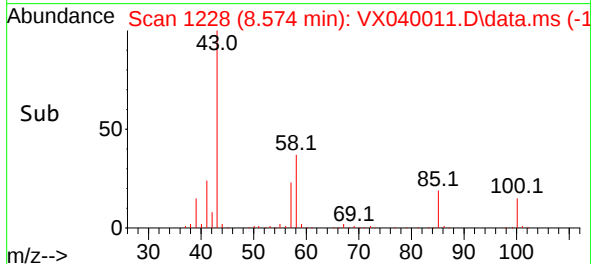
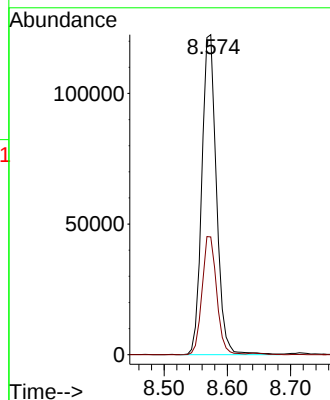
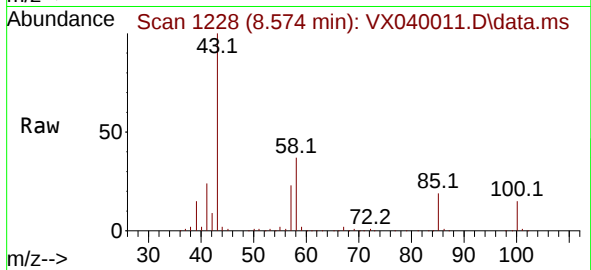
#51
4-Methyl-2-Pentanone
Concen: 105.112 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 197060
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

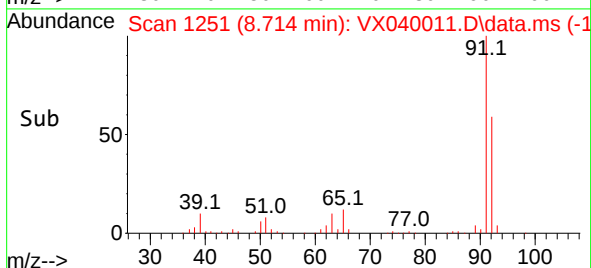
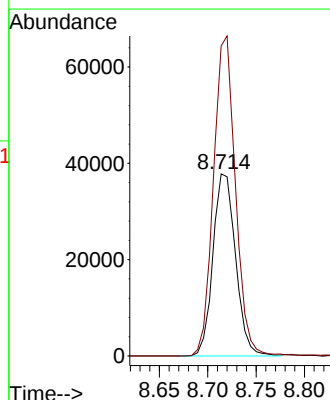
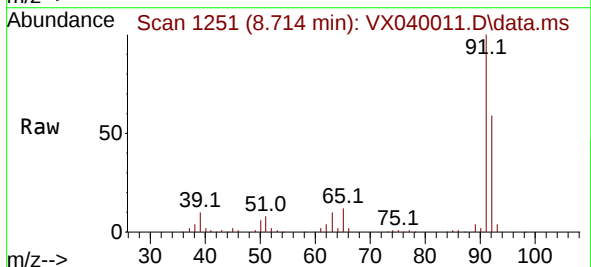
Manual Integrations
APPROVED

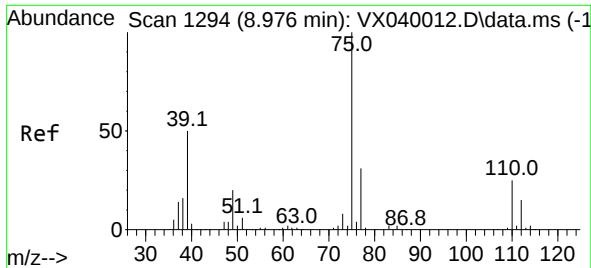
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 21.251 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

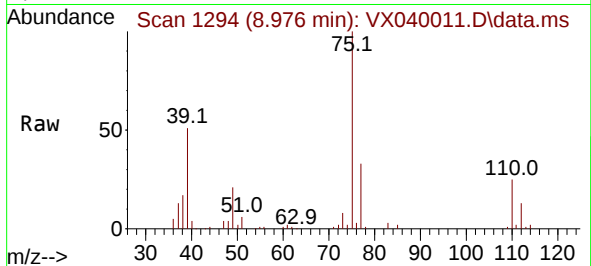
Tgt Ion: 92 Resp: 61520
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 19.726 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

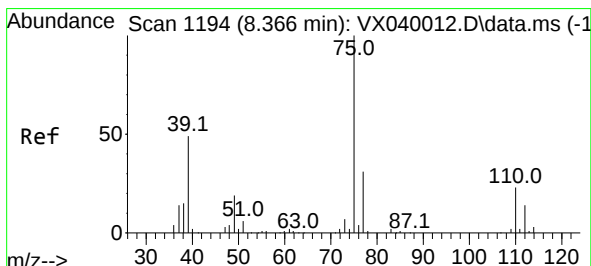
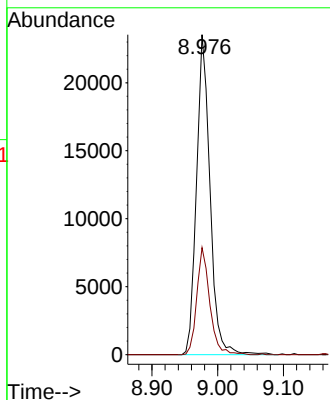
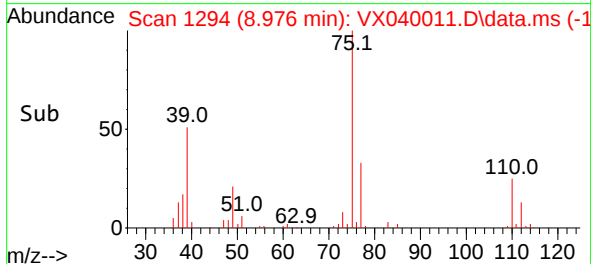
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



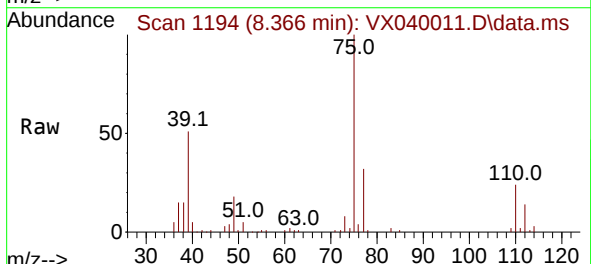
Tgt Ion: 75 Resp: 33539
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5

Manual Integrations
APPROVED

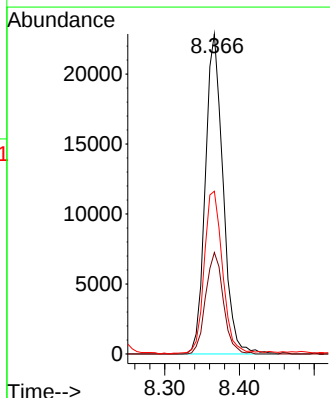
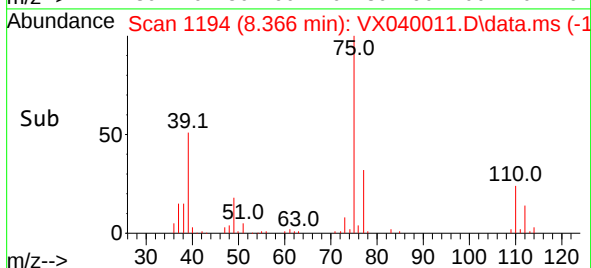
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

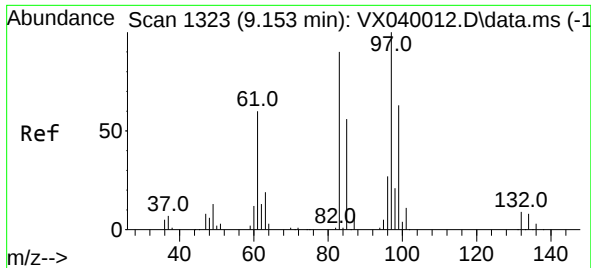


#54
cis-1,3-Dichloropropene
Concen: 20.779 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



Tgt Ion: 75 Resp: 37699
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 50.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.763 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

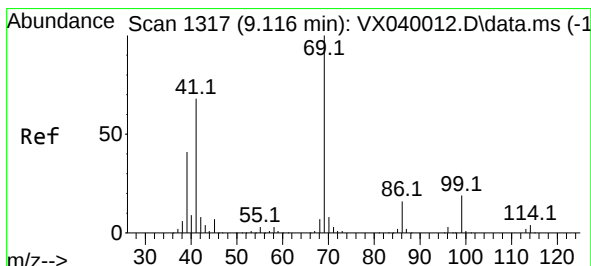
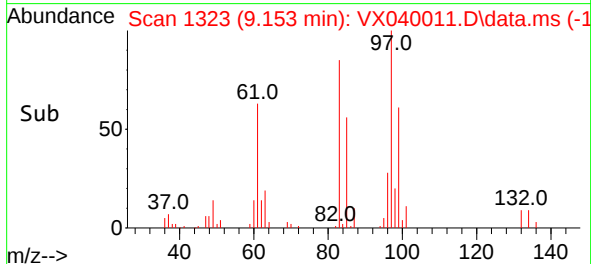
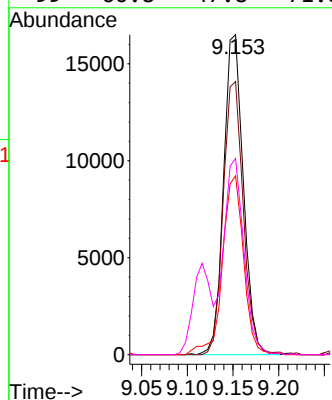
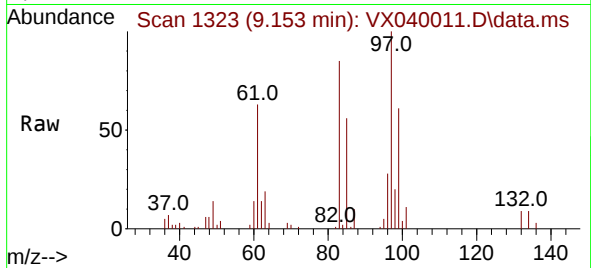
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 24879

Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.8	98.8
85	55.9	41.6	62.4
99	60.8	47.8	71.8

Manual Integrations
APPROVED

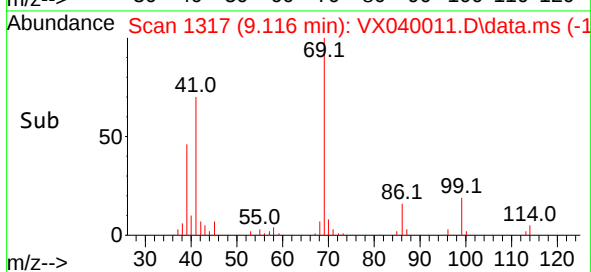
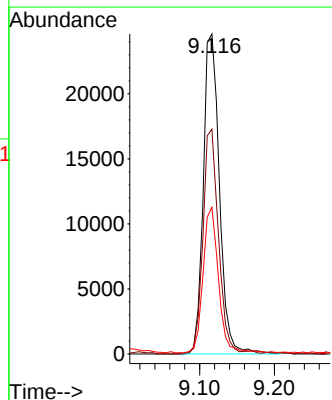
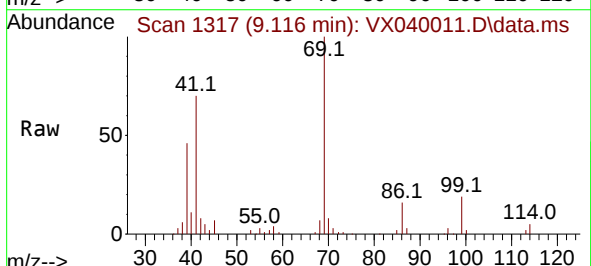
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

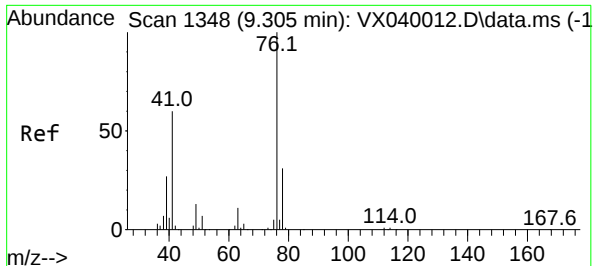


#56
Ethyl methacrylate
Concen: 21.078 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 69 Resp: 36883

Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.8	85.2
39	43.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.817 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 41088

Ion Ratio Lower Upper

76 100

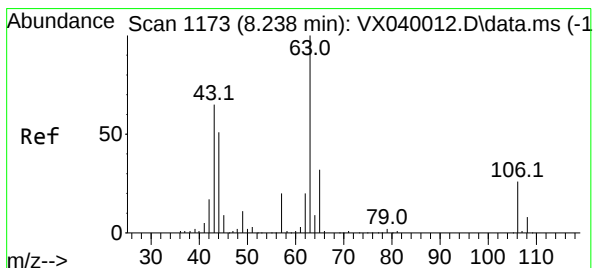
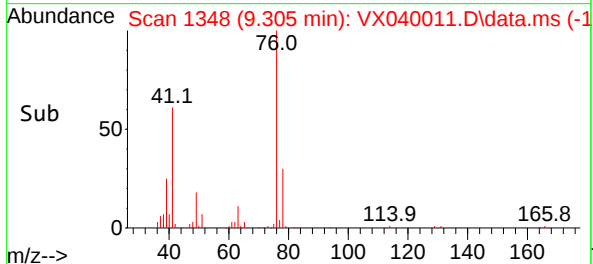
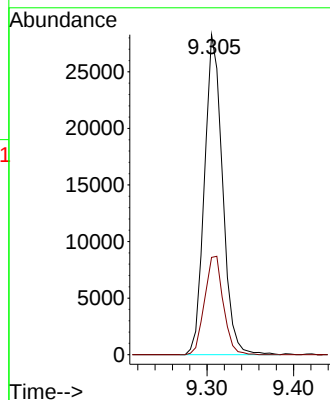
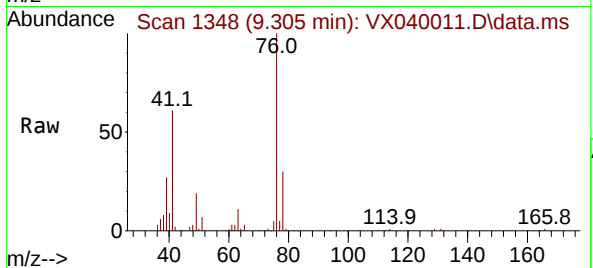
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 103.724 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040011.D

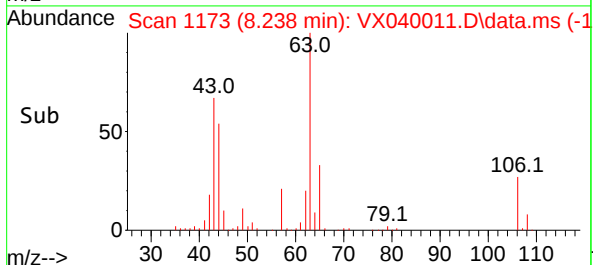
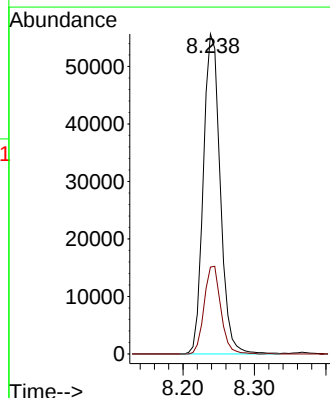
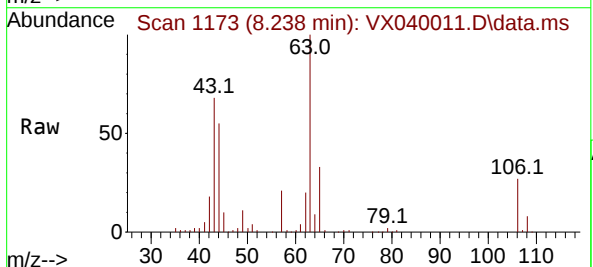
Acq: 30 Jan 2024 11:21

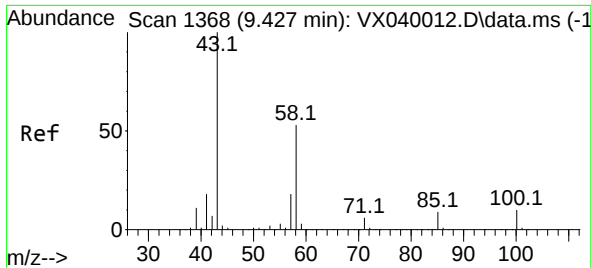
Tgt Ion: 63 Resp: 91268

Ion Ratio Lower Upper

63 100

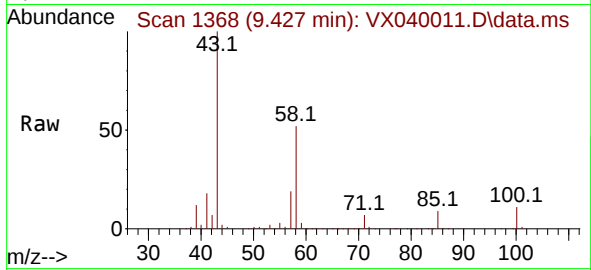
106 27.1 22.5 33.7





#59
2-Hexanone
Concen: 106.699 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

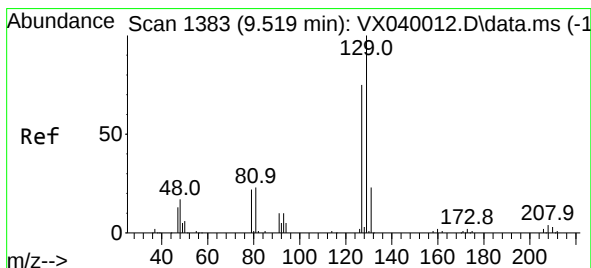
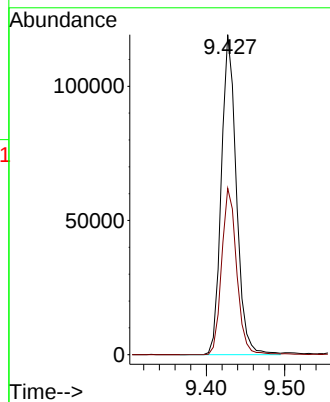
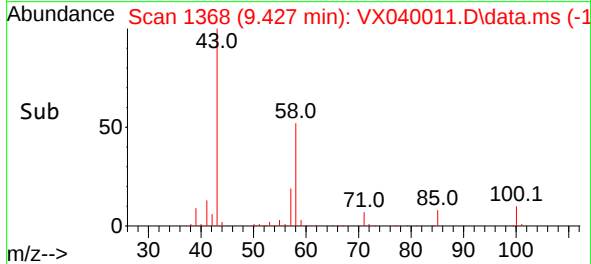
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 15949
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.5

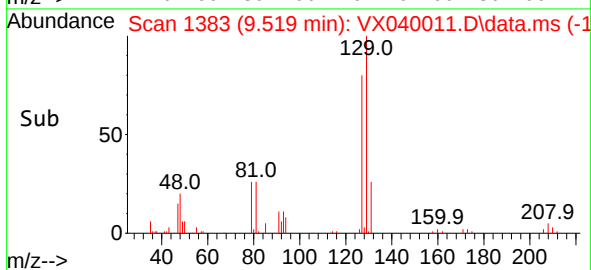
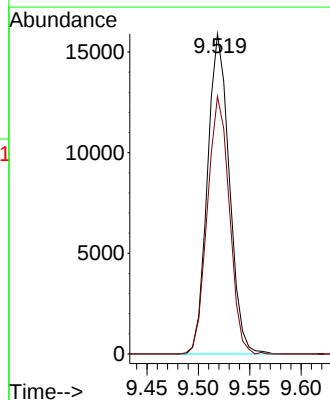
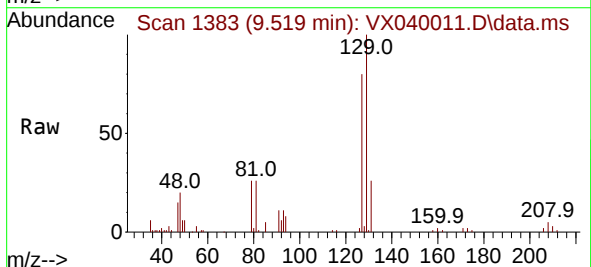
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 19.542 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion:129 Resp: 23529
Ion Ratio Lower Upper
129 100
127 80.9 38.8 116.4





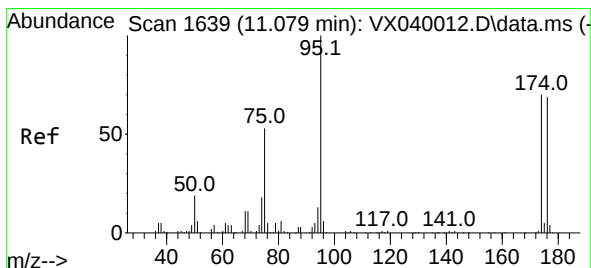
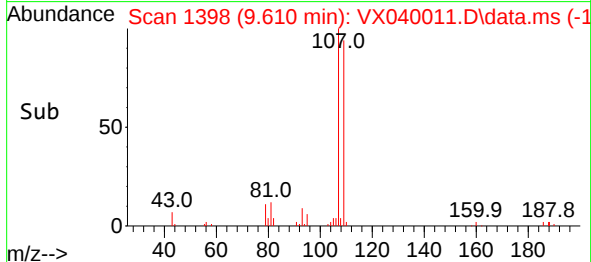
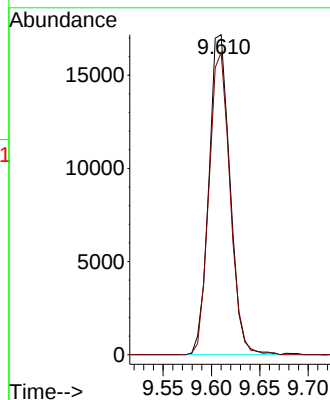
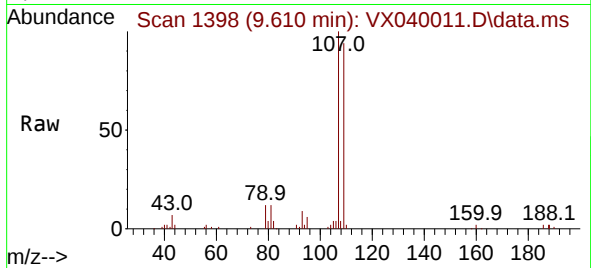
#61
1,2-Dibromoethane
Concen: 20.132 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2608
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

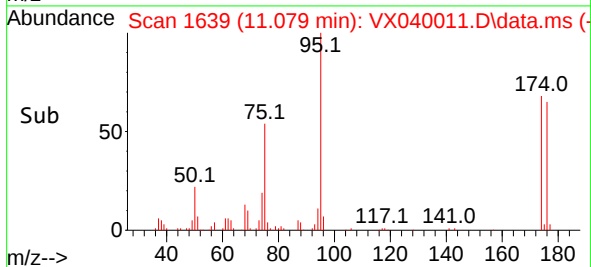
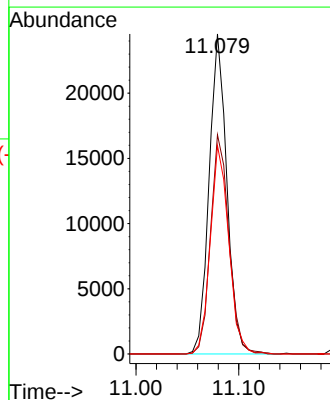
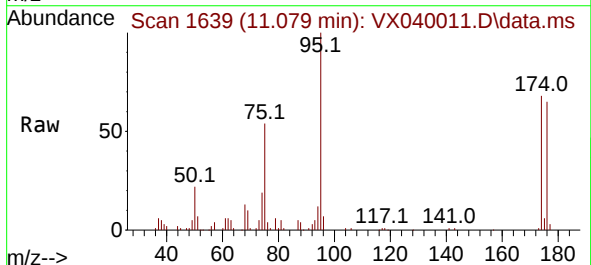
Manual Integrations
APPROVED

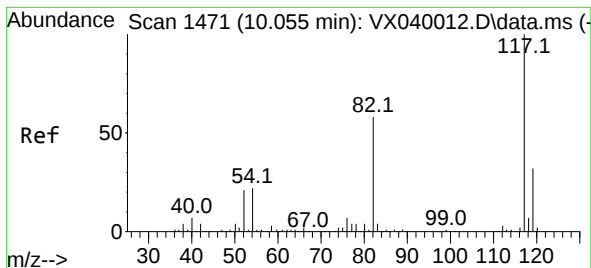
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#62
4-Bromofluorobenzene
Concen: 18.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

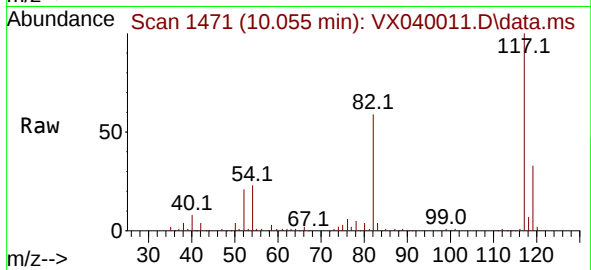
Tgt Ion: 95 Resp: 29368
Ion Ratio Lower Upper
95 100
174 71.0 0.0 135.6
176 67.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

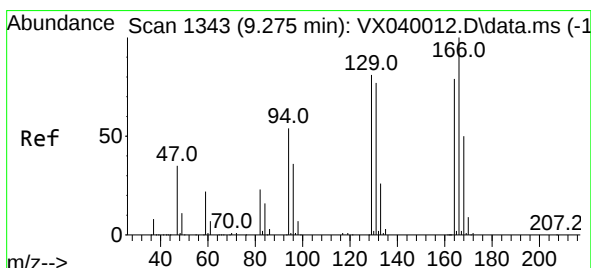
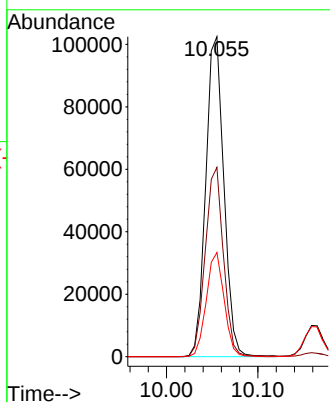
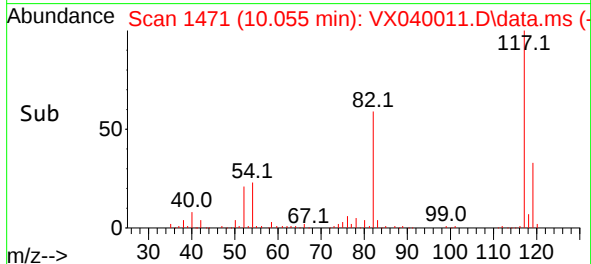
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 140750
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.5 25.5 38.3

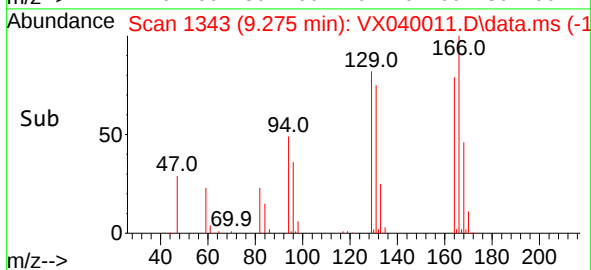
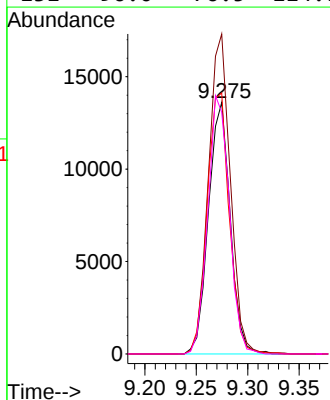
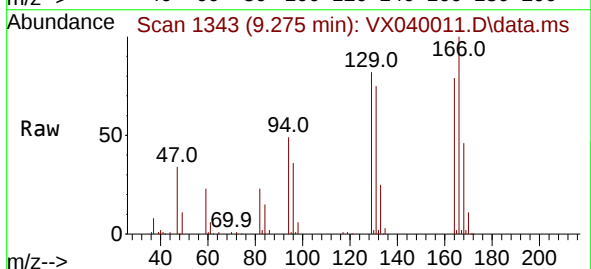
Manual Integrations
APPROVED

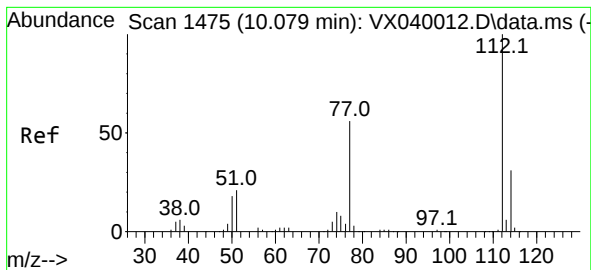
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 21.846 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion:164 Resp: 20008
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 103.7 80.4 120.6
131 96.0 76.5 114.7





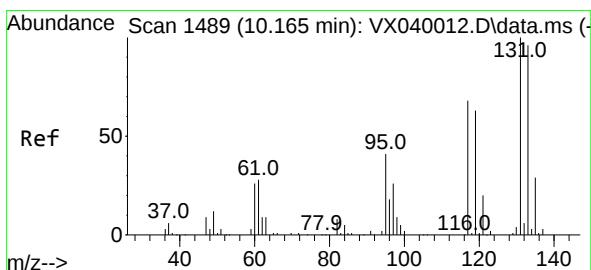
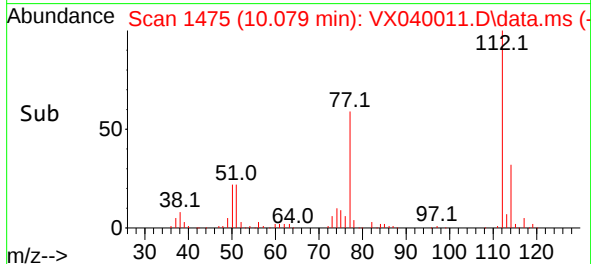
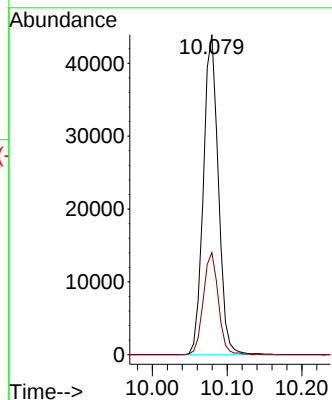
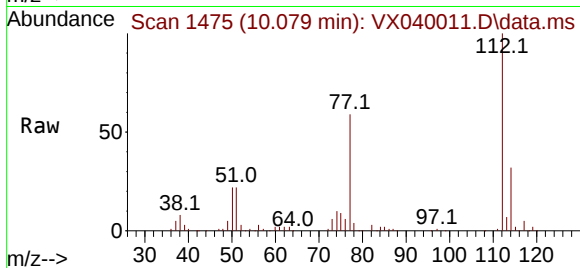
#65
Chlorobenzene
Concen: 21.003 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 61100
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

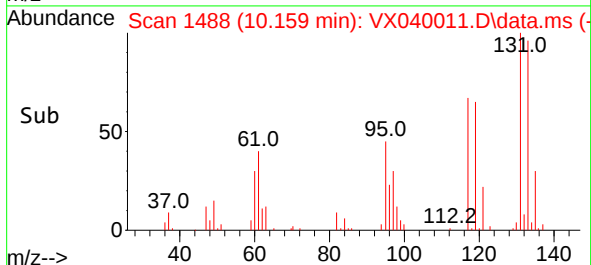
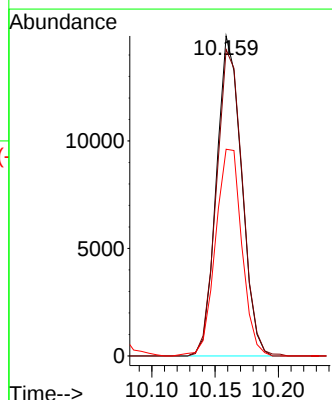
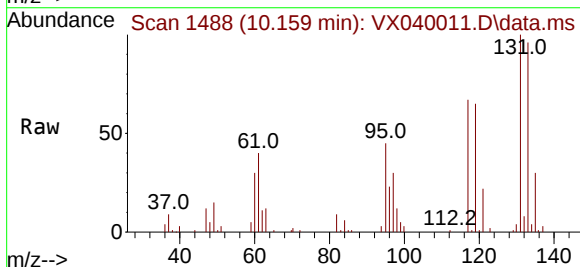
Manual Integrations
APPROVED

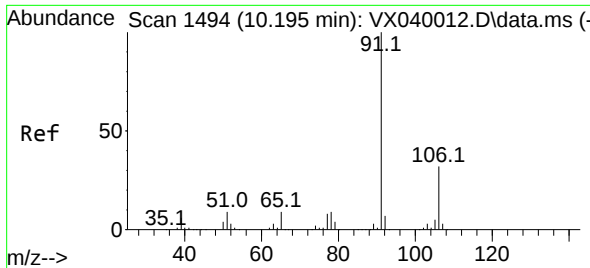
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.867 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion:131 Resp: 20503
Ion Ratio Lower Upper
131 100
133 99.1 47.1 141.4
119 67.8 32.2 96.6





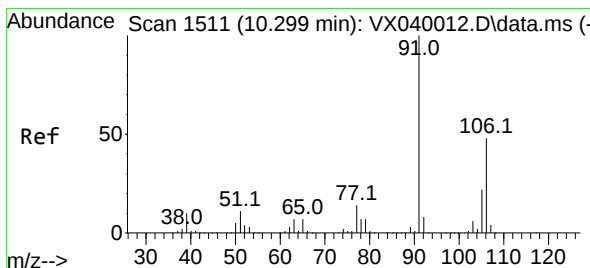
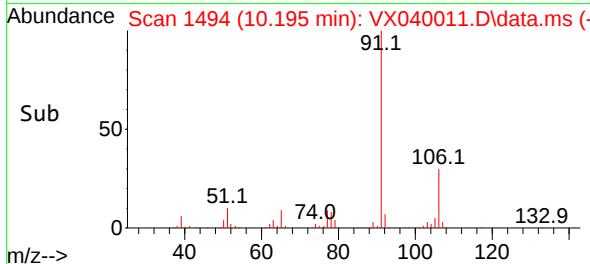
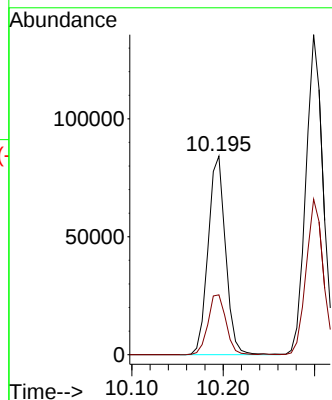
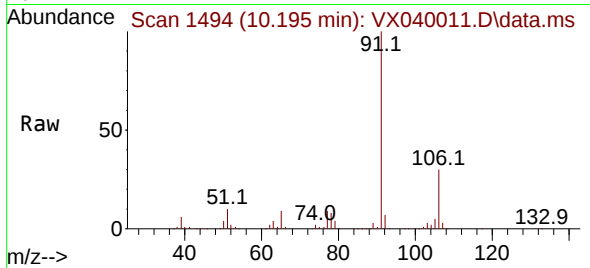
#67
Ethyl Benzene
Concen: 21.285 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 111108
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

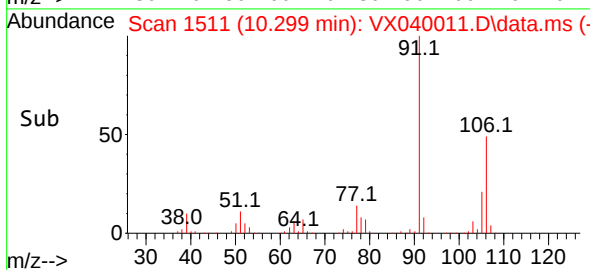
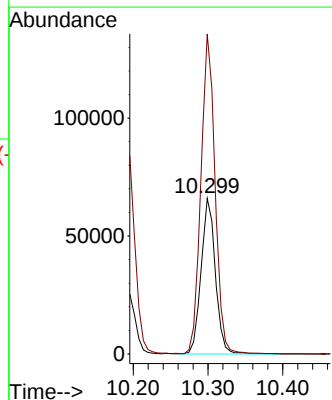
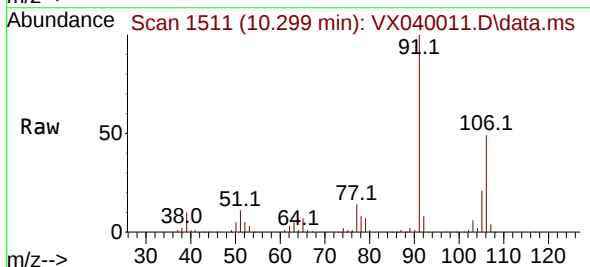
Manual Integrations
APPROVED

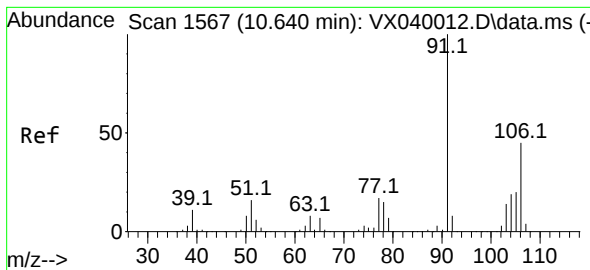
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 44.452 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion:106 Resp: 87296
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3





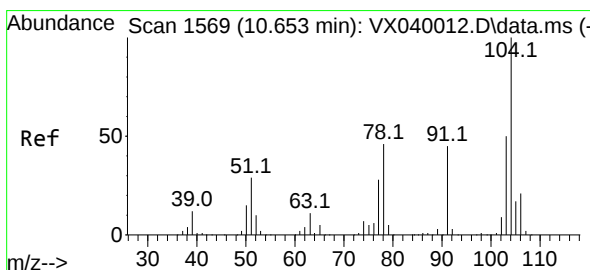
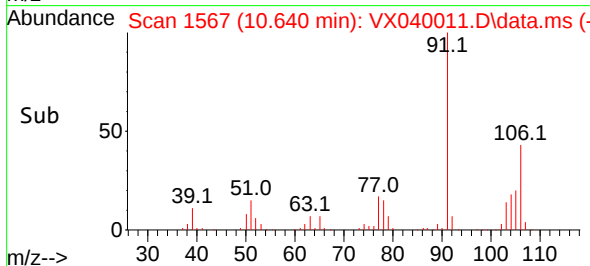
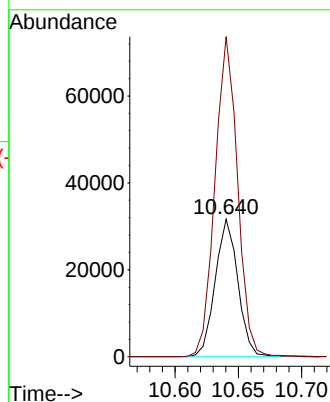
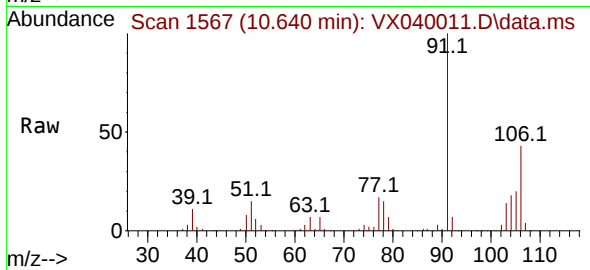
#69
o-Xylene
Concen: 21.155 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 3940
Ion Ratio Lower Upper
106 100
91 231.9 108.9 326.8

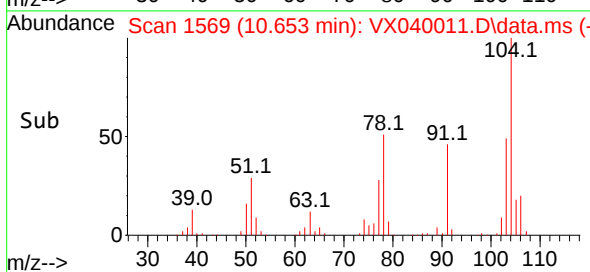
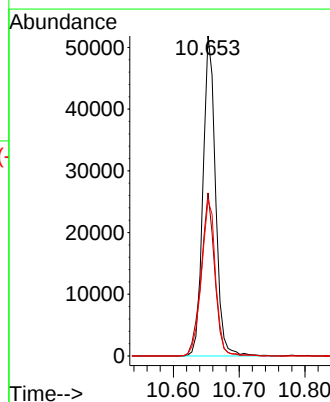
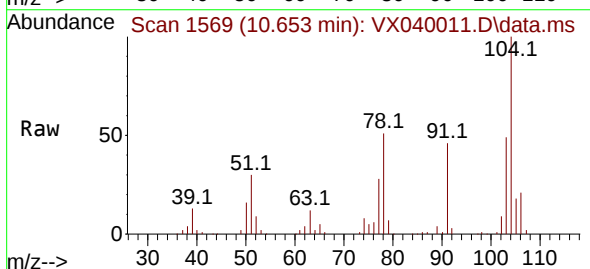
Manual Integrations
APPROVED

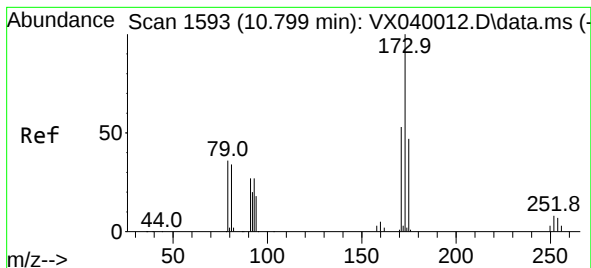
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 21.960 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion:104 Resp: 68946
Ion Ratio Lower Upper
104 100
78 54.4 43.6 65.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 20.136 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

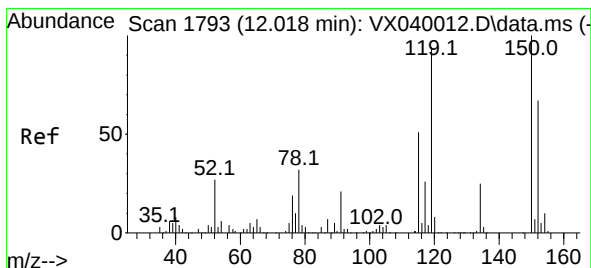
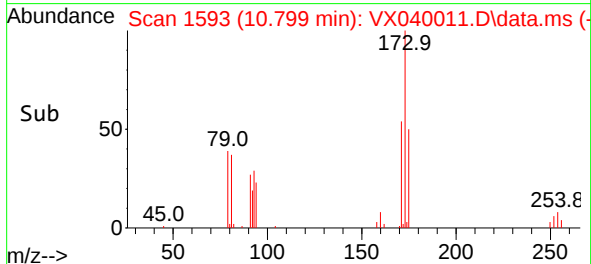
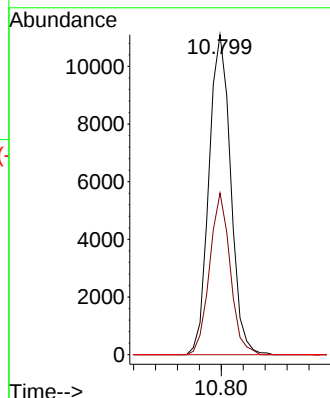
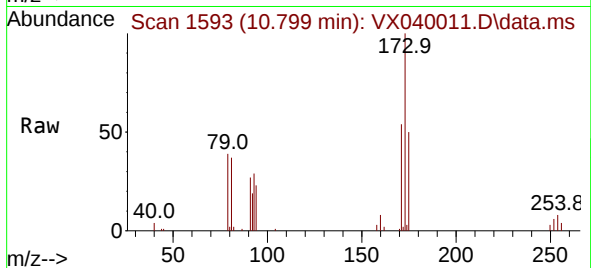
Tgt Ion:173 Resp: 1527
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

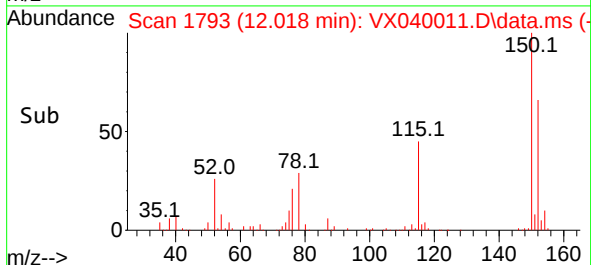
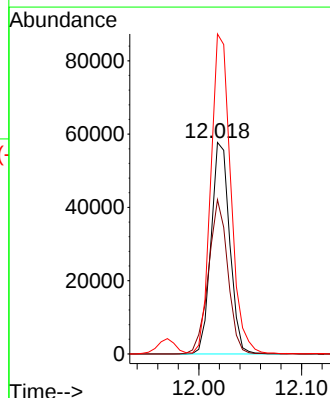
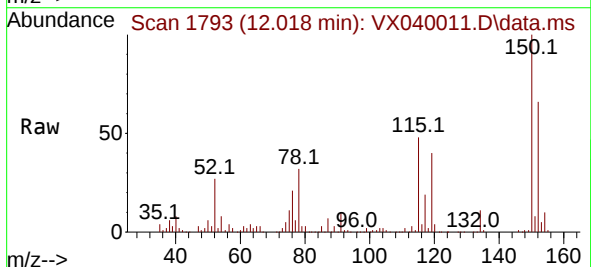
RT: 12.018 min Scan# 1793

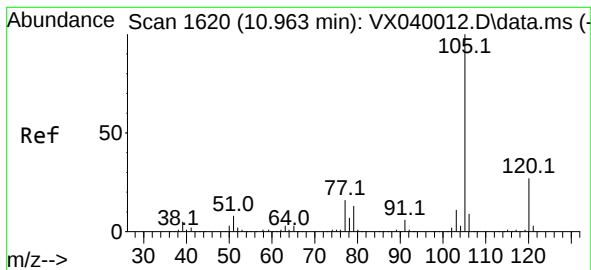
Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Tgt Ion:152 Resp: 72585
 Ion Ratio Lower Upper
 152 100
 115 76.0 43.3 129.9
 150 162.2 0.0 345.0





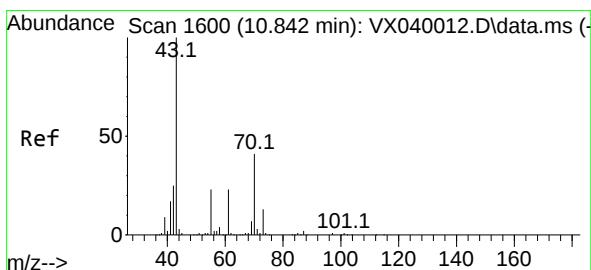
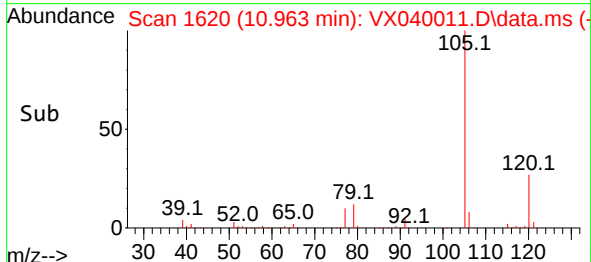
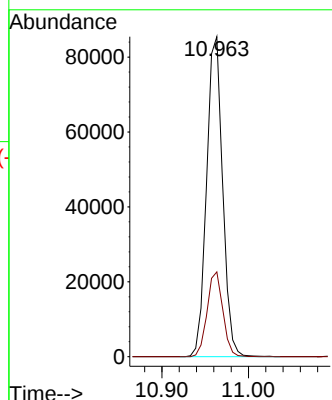
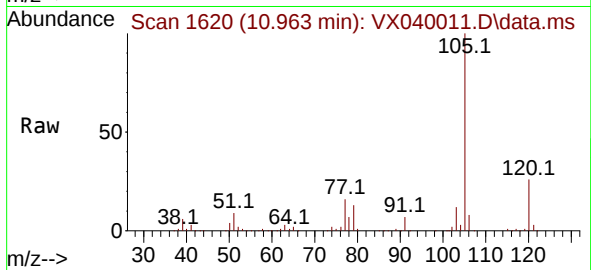
#73
Isopropylbenzene
Concen: 21.092 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 109937
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

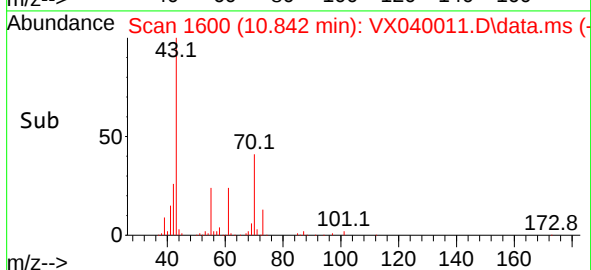
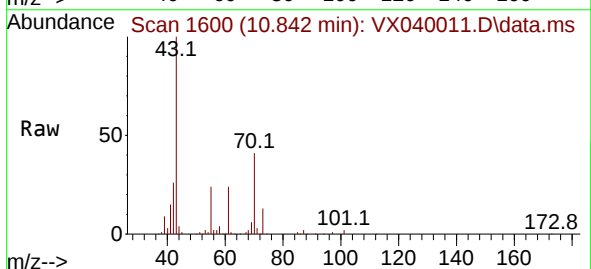
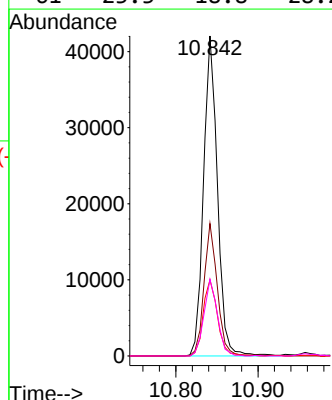
Manual Integrations
APPROVED

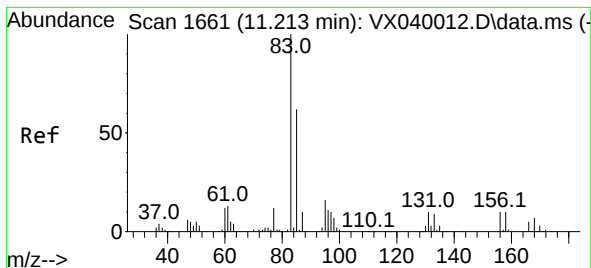
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#74
N-ethyl acetate
Concen: 20.635 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 43 Resp: 49337
Ion Ratio Lower Upper
43 100
70 39.6 32.9 49.3
55 24.5 19.3 28.9
61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.041 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

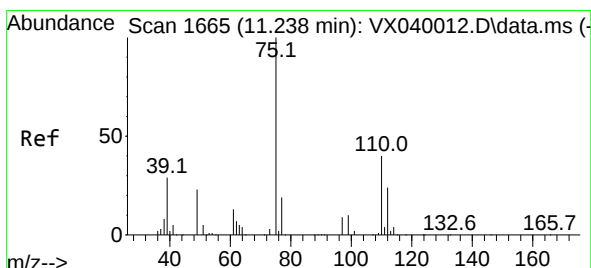
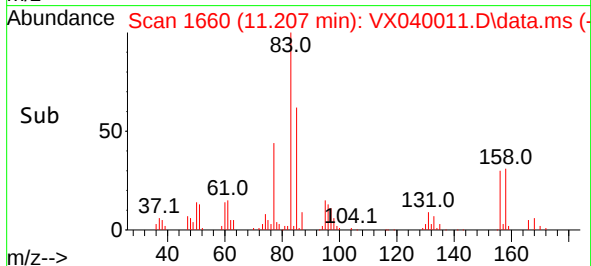
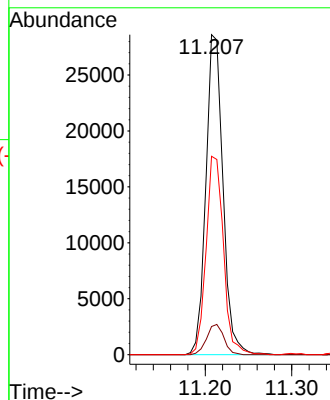
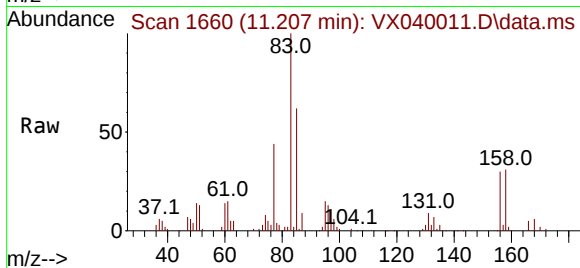
Tgt Ion: 83	Resp: 3927
Ion Ratio	Lower Upper
83 100	
131 9.5	5.3 15.8
85 62.8	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#76

1,2,3-Trichloropropane

Concen: 21.127 ug/l m

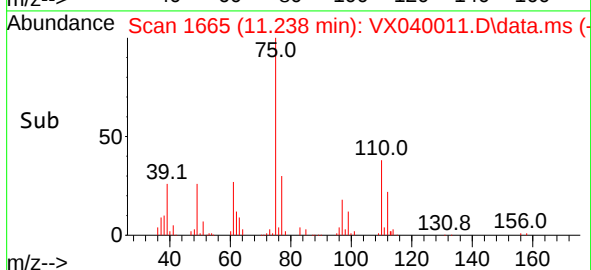
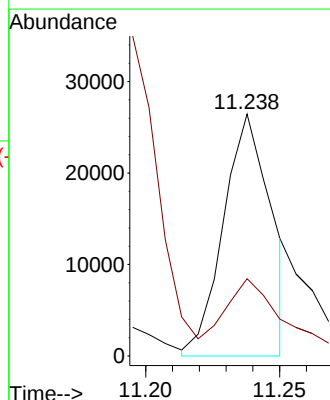
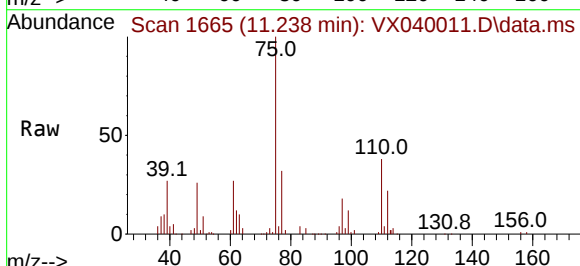
RT: 11.238 min Scan# 1665

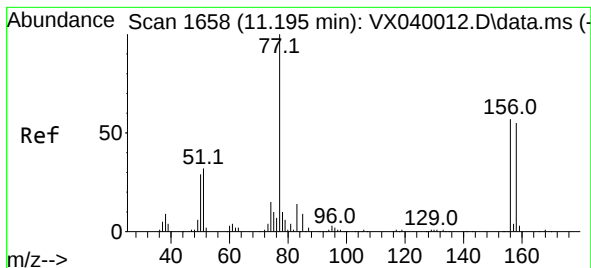
Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Tgt Ion: 75	Resp: 32657
Ion Ratio	Lower Upper
75 100	
77 40.6	19.1 57.5





#77

Bromobenzene

Concen: 20.731 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

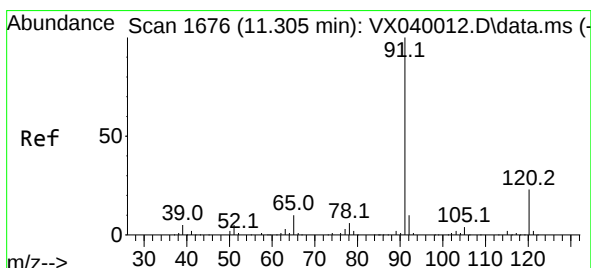
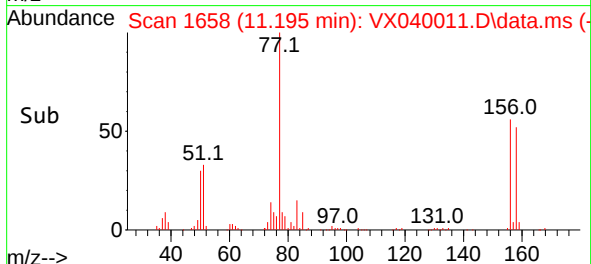
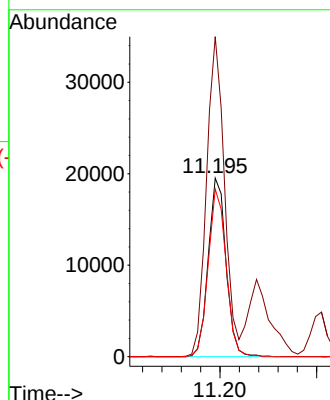
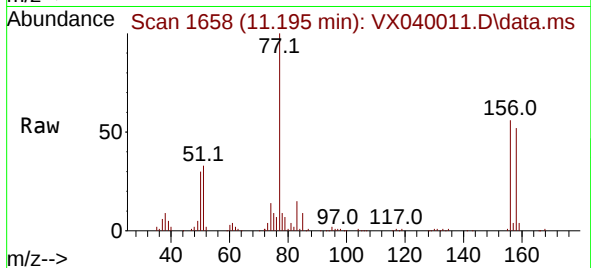
Tgt Ion:	156	Resp:	2492
Ion Ratio	Lower	Upper	
156	100		
77	180.3	88.4	265.3
158	94.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#78

n-propylbenzene

Concen: 21.091 ug/l

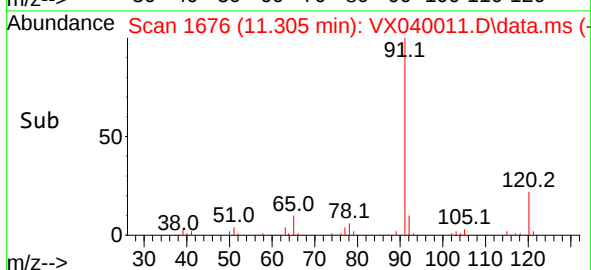
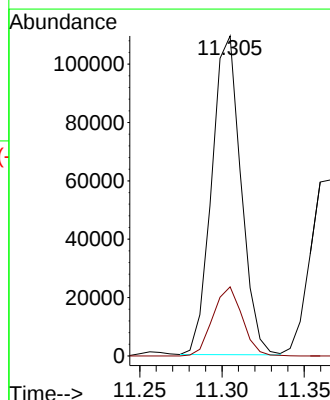
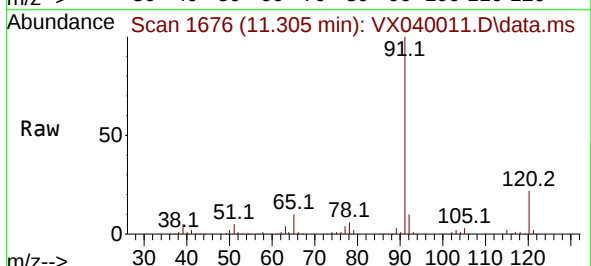
RT: 11.305 min Scan# 1676

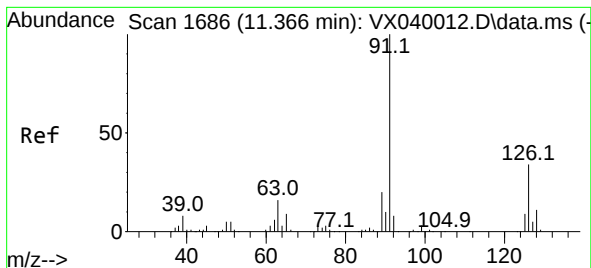
Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Tgt Ion:	91	Resp:	135276
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.378 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 7868

Ion Ratio Lower Upper

91 100

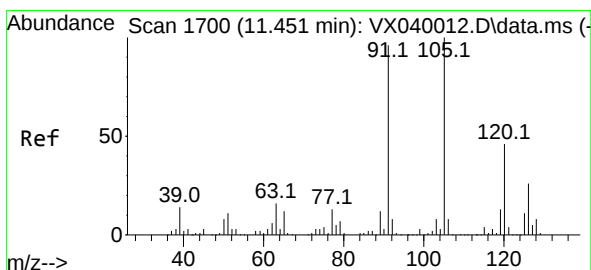
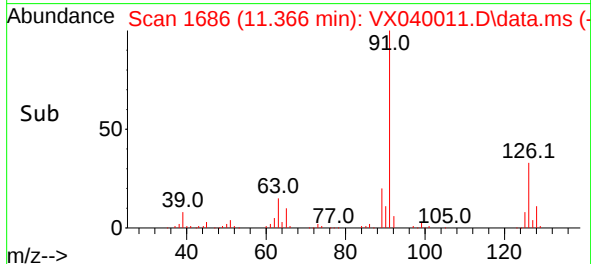
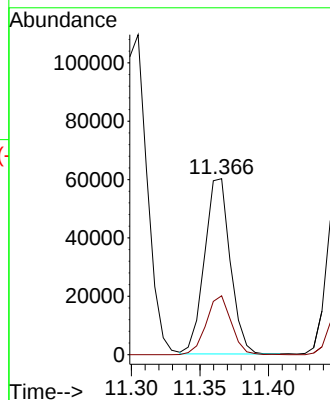
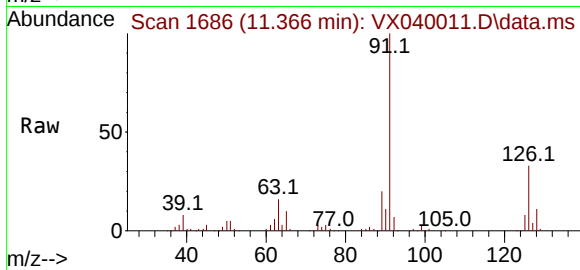
126 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.224 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040011.D

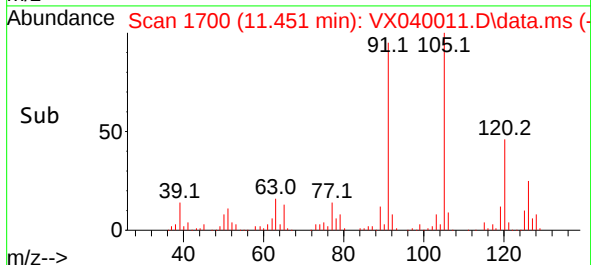
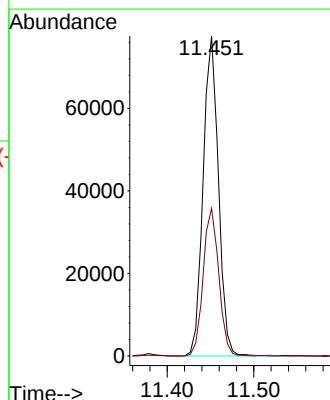
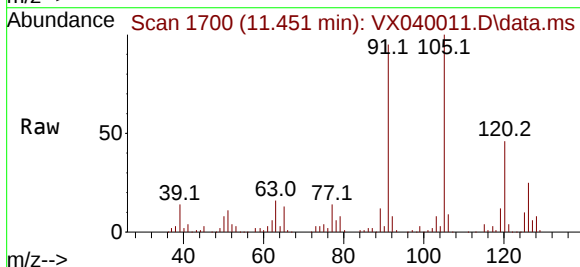
Acq: 30 Jan 2024 11:21

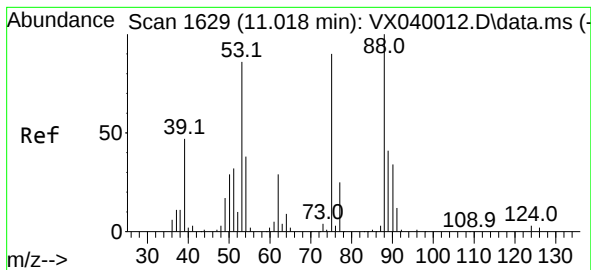
Tgt Ion:105 Resp: 95092

Ion Ratio Lower Upper

105 100

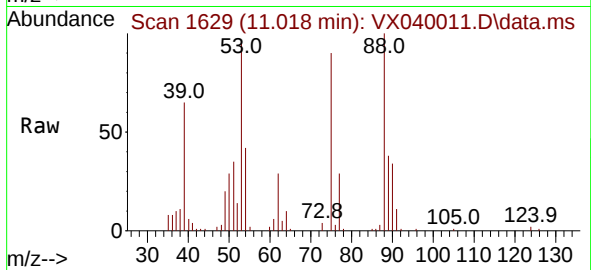
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.626 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

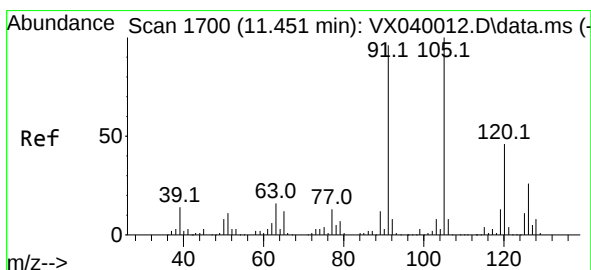
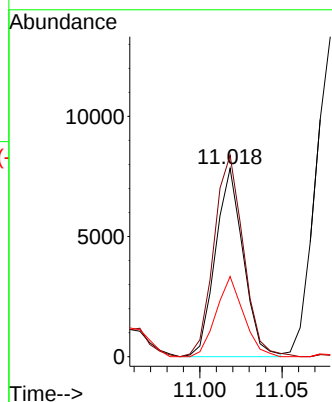
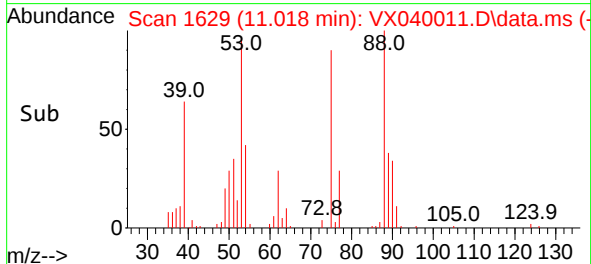
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 9224
Ion Ratio Lower Upper
75 100
53 113.3 90.5 135.7
89 42.1 36.9 55.3

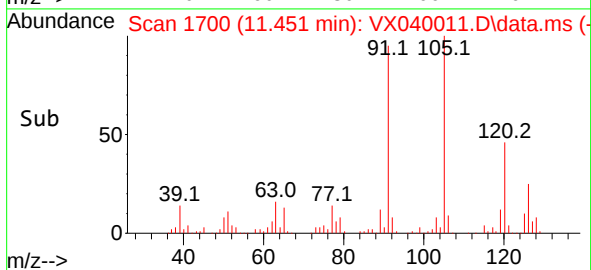
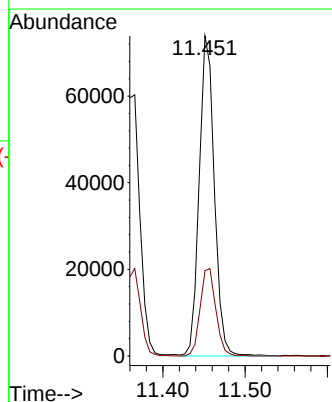
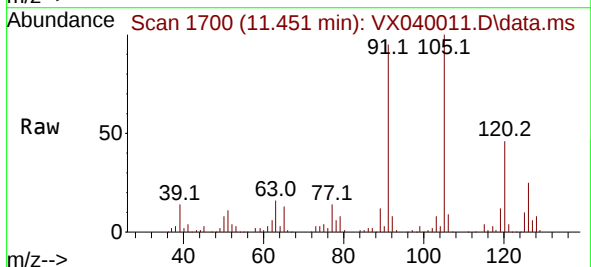
Manual Integrations
APPROVED

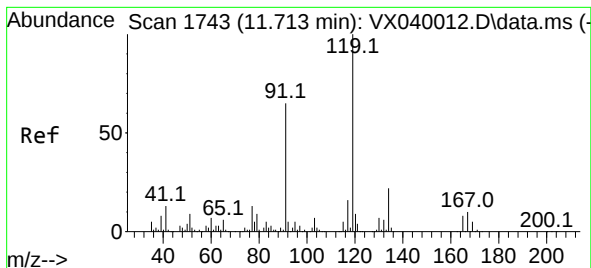
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 21.404 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

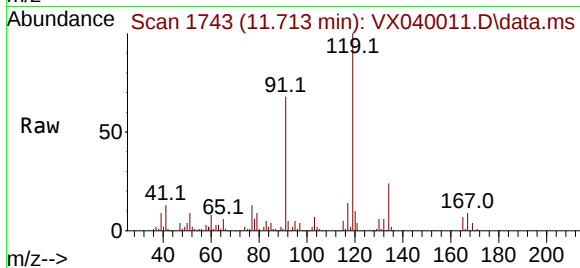
Tgt Ion: 91 Resp: 94861
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.825 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

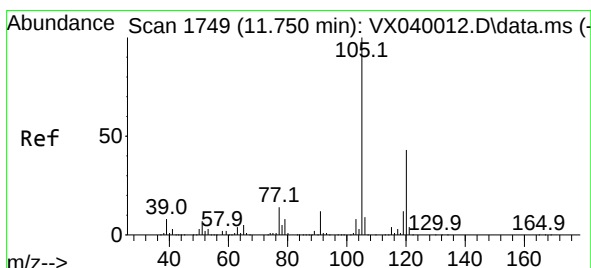
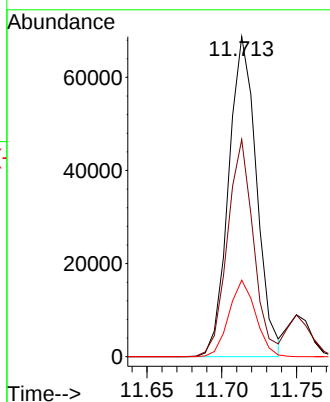
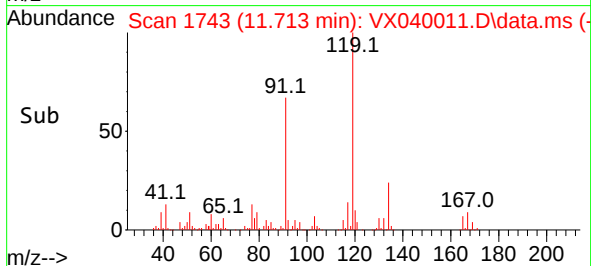
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



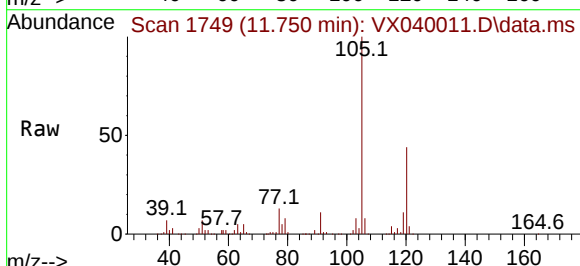
Tgt Ion:119 Resp: 89288
Ion Ratio Lower Upper
119 100
91 63.8 31.2 93.6
134 22.8 11.7 35.0

Manual Integrations
APPROVED

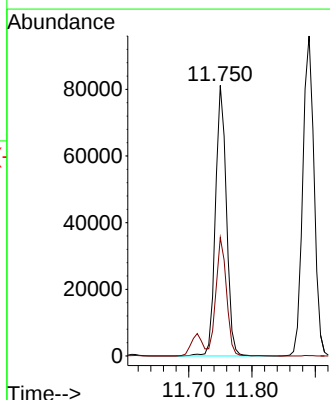
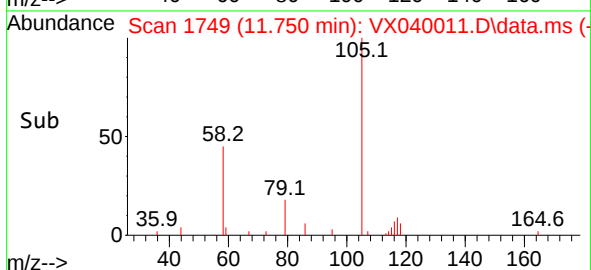
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

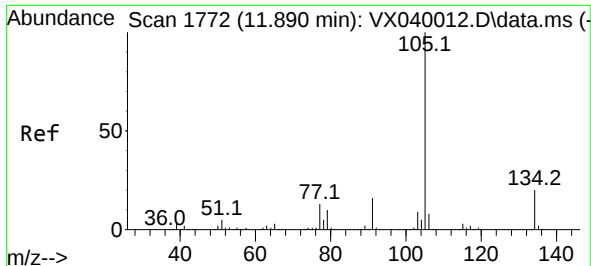


#84
1,2,4-Trimethylbenzene
Concen: 21.756 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



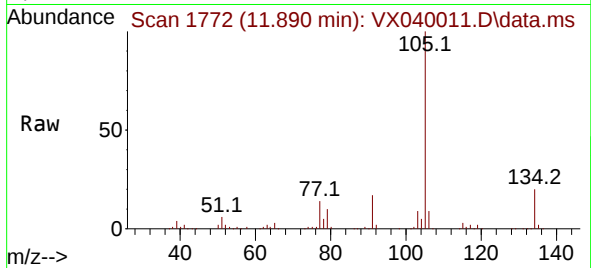
Tgt Ion:105 Resp: 97268
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.814 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040011.D
 Acq: 30 Jan 2024 11:21

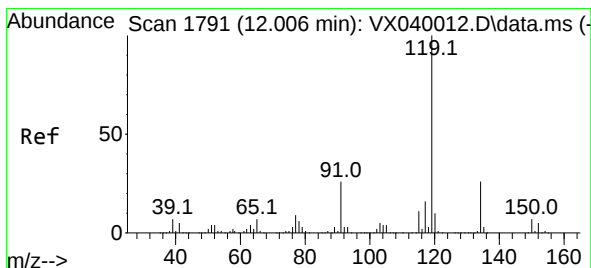
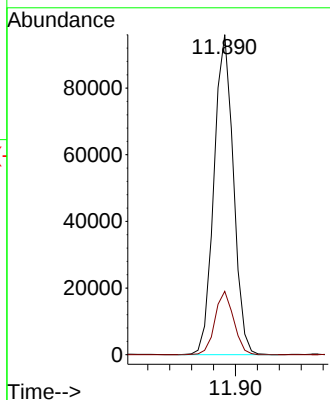
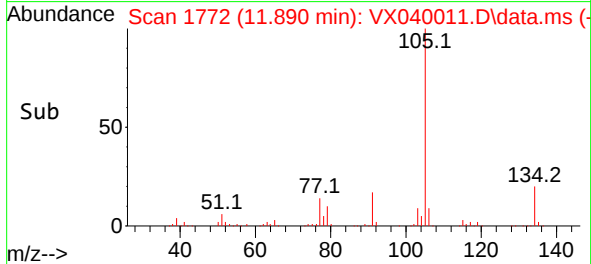
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



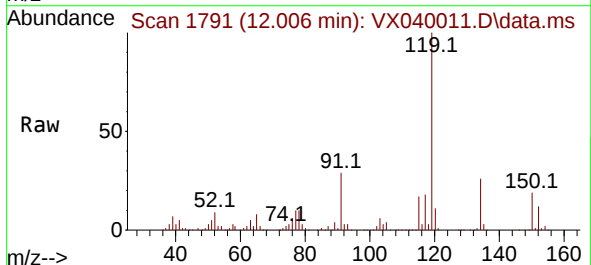
Tgt Ion:105 Resp: 118230
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
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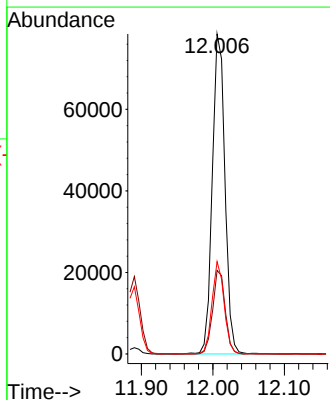
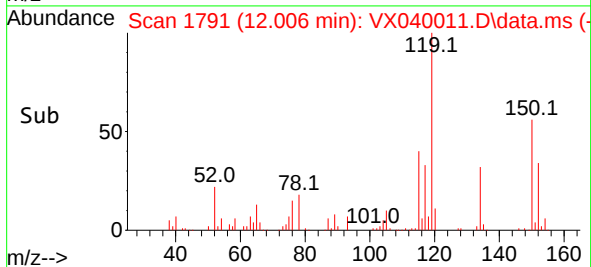
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

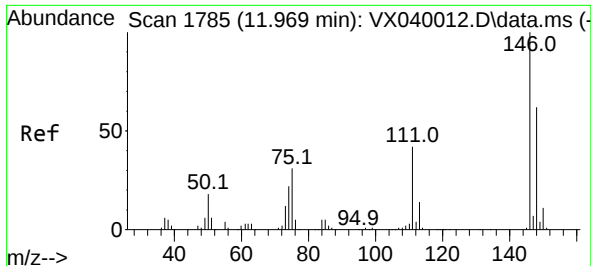


#86
 p-Isopropyltoluene
 Concen: 20.739 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040011.D
 Acq: 30 Jan 2024 11:21



Tgt Ion:119 Resp: 96194
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.605 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 49978

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

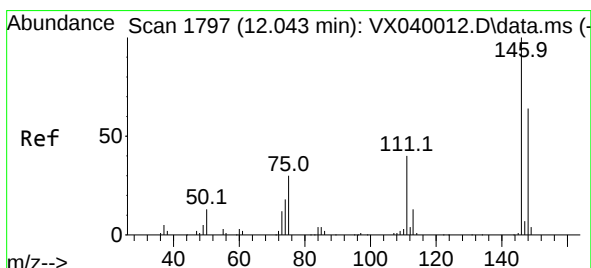
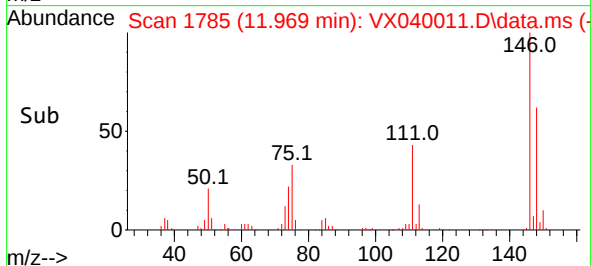
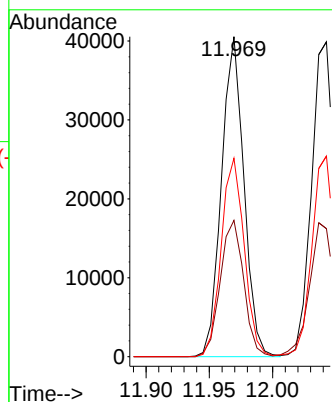
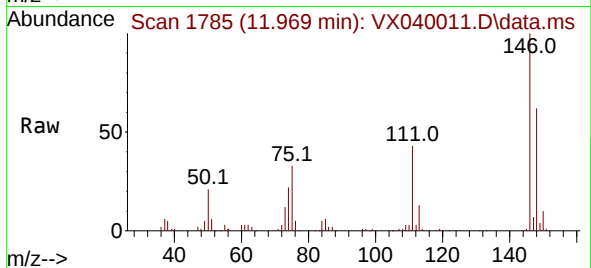
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#88

1,4-Dichlorobenzene

Concen: 20.856 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

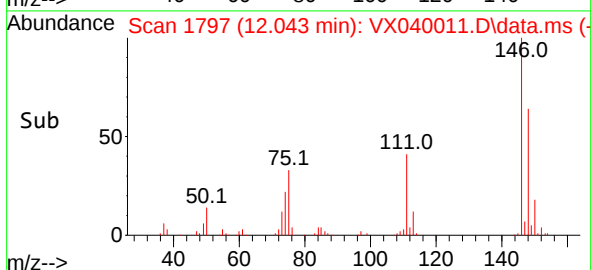
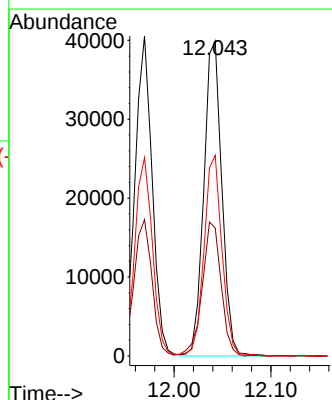
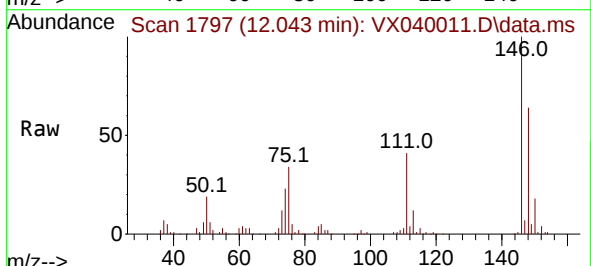
Tgt Ion:146 Resp: 51783

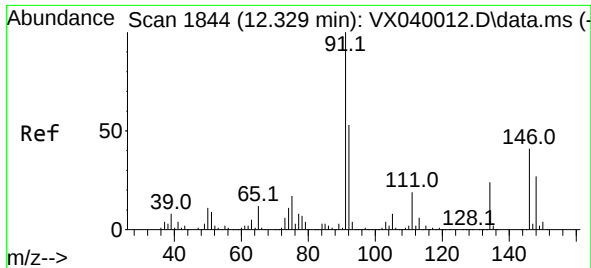
Ion Ratio Lower Upper

146 100

111 44.1 21.3 63.7

148 63.5 31.8 95.4





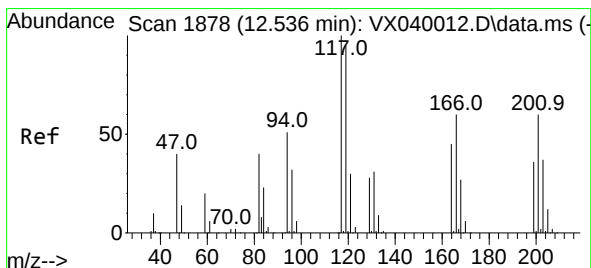
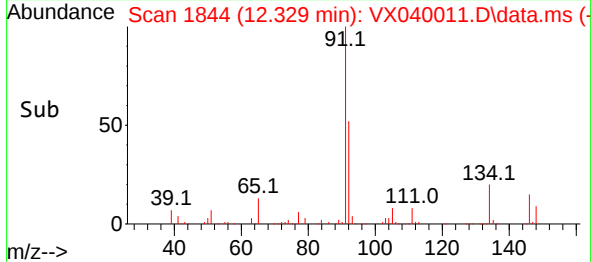
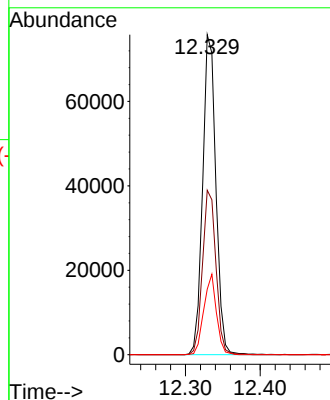
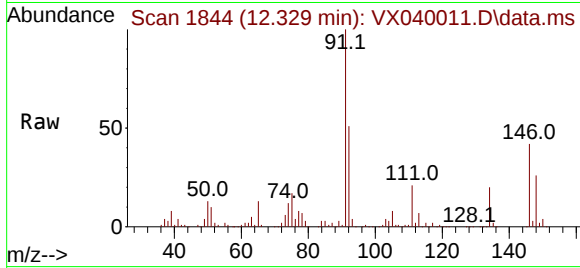
#89
n-Butylbenzene
Concen: 20.701 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 9319
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 23.9 12.6 37.8

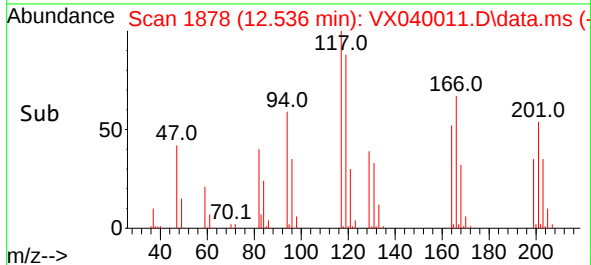
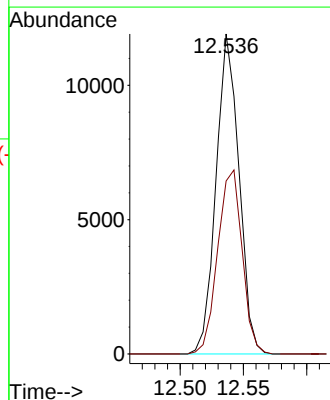
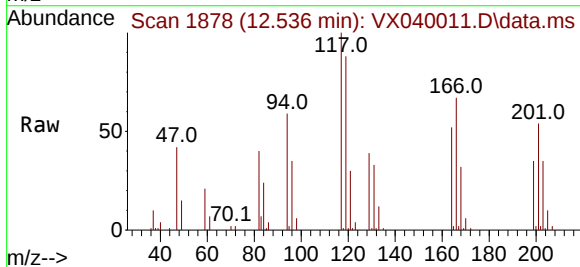
Manual Integrations
APPROVED

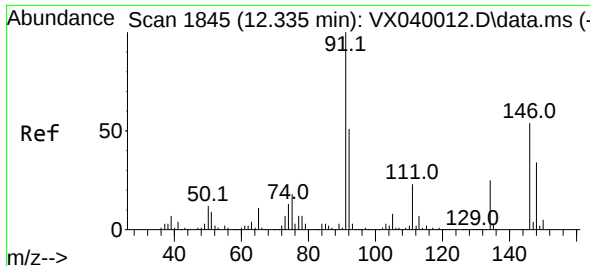
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 20.824 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

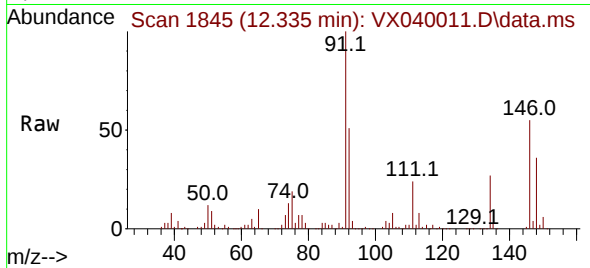
Tgt Ion:117 Resp: 14994
Ion Ratio Lower Upper
117 100
201 61.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.670 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

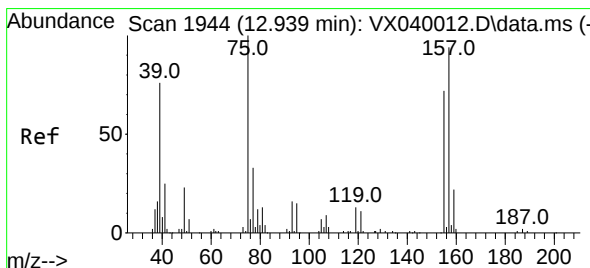
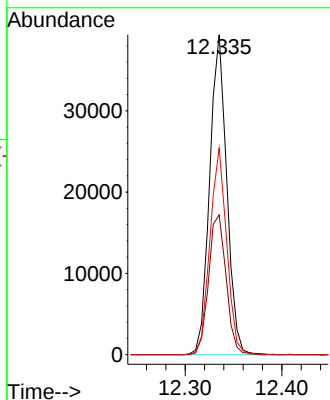
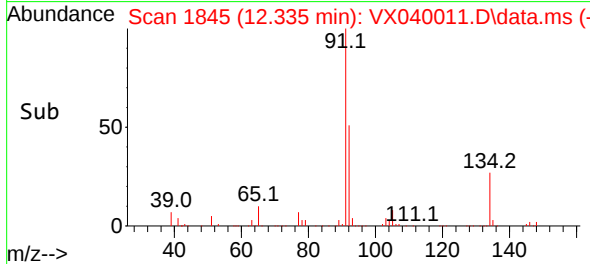
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



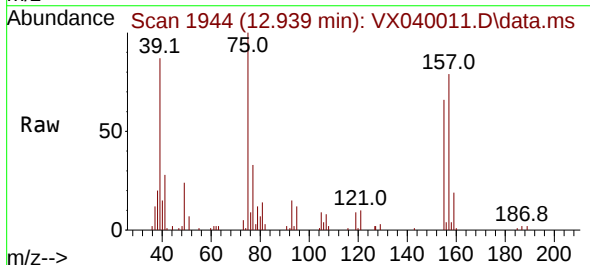
Tgt Ion:146 Resp: 48340
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
APPROVED

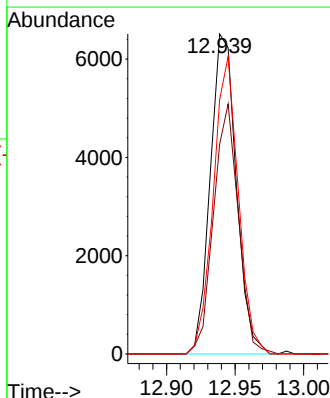
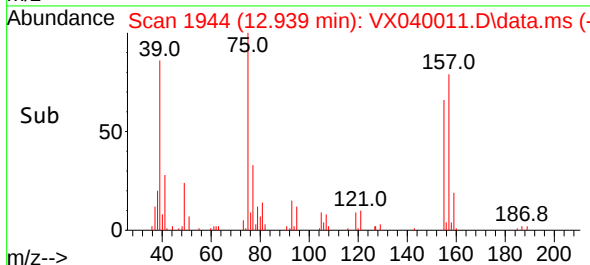
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

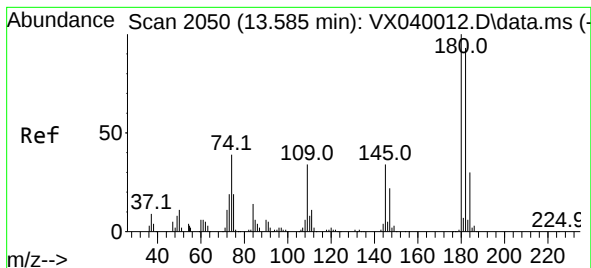


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.302 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



Tgt Ion: 75 Resp: 8574
Ion Ratio Lower Upper
75 100
155 74.8 36.1 108.5
157 89.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.329 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

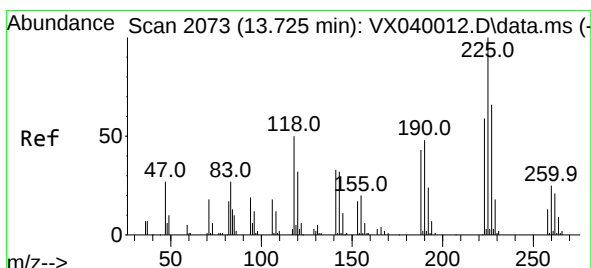
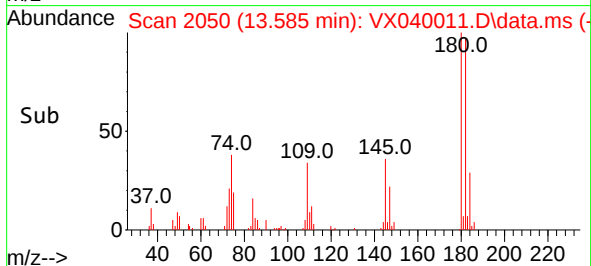
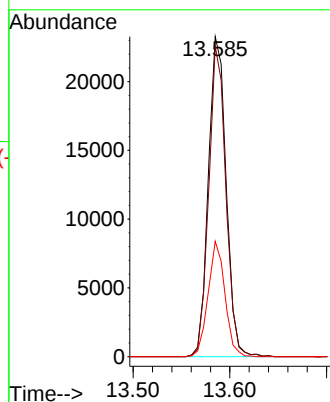
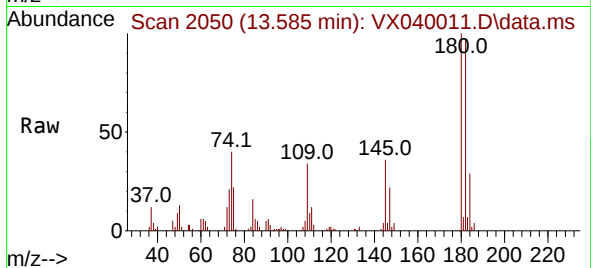
Tgt Ion:180	Resp:	29719
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.3 144.8
145	34.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#94

Hexachlorobutadiene

Concen: 18.607 ug/l

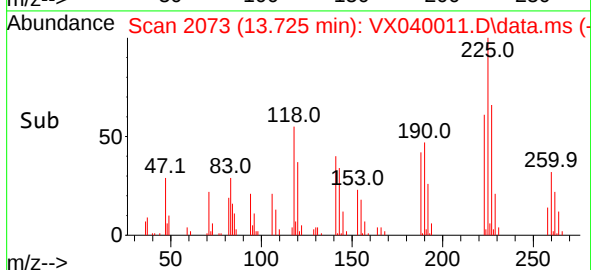
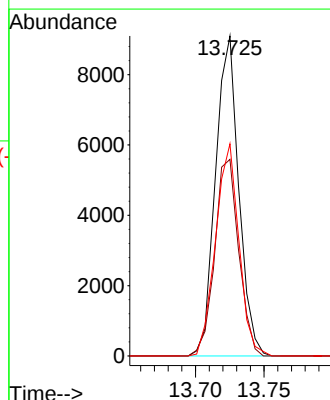
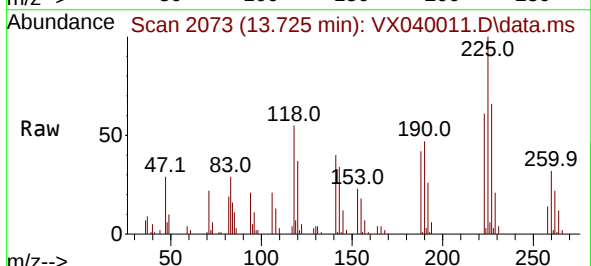
RT: 13.725 min Scan# 2073

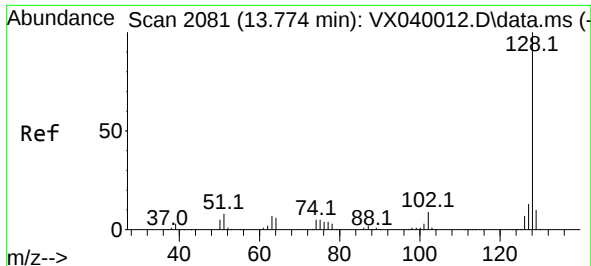
Delta R.T. 0.000 min

Lab File: VX040011.D

Acq: 30 Jan 2024 11:21

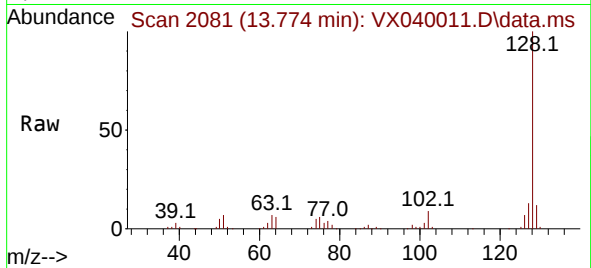
Tgt Ion:225	Resp:	10715
Ion Ratio	Lower	Upper
225	100	
223	63.8	31.1 93.2
227	66.7	32.5 97.5





#95
Naphthalene
Concen: 20.419 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21

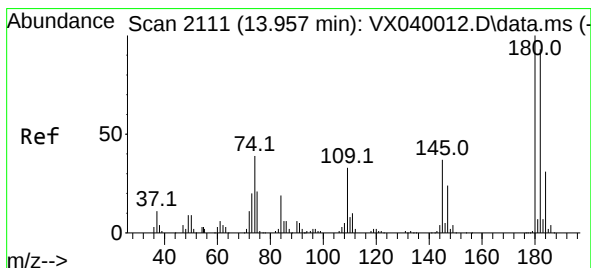
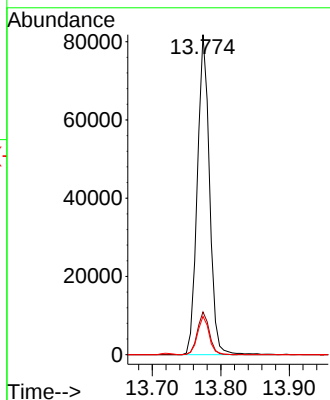
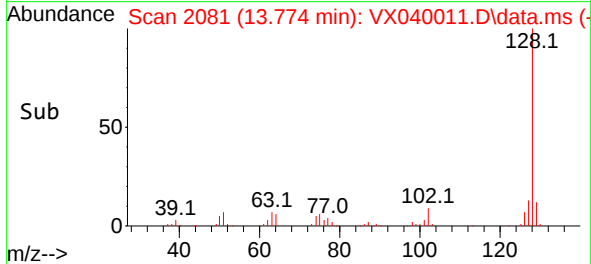
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



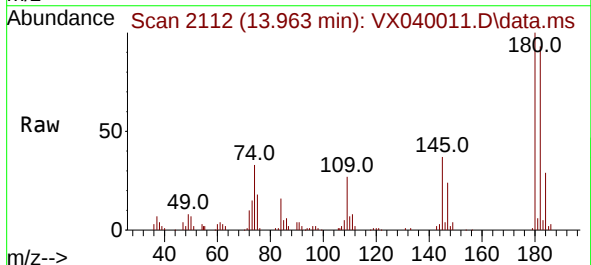
Tgt Ion:128 Resp: 101384
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.250 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040011.D
Acq: 30 Jan 2024 11:21



Tgt Ion:180 Resp: 29270
Ion Ratio Lower Upper
180 100
182 91.5 46.9 140.6
145 36.6 17.8 53.5

