

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
 Data File : VX039714.D
 Acq On : 11 Jan 2024 10:58
 Operator : JC/MD
 Sample : VX0111WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 01:50:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80693	44.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.420%		
35) Dibromofluoromethane	5.379	113	59730	45.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.060%		
50) Toluene-d8	8.647	98	224912	45.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.900%#		
62) 4-Bromofluorobenzene	11.079	95	86637	44.775	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26417	18.741	ug/l	97
3) Chloromethane	1.295	50	28144	17.483	ug/l	97
4) Vinyl Chloride	1.374	62	27369	18.015	ug/l	98
5) Bromomethane	1.605	94	17286	19.941	ug/l	97
6) Chloroethane	1.691	64	15942	18.459	ug/l	95
7) Trichlorofluoromethane	1.892	101	39394	17.975	ug/l	98
8) Diethyl Ether	2.130	74	14653	18.092	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	24712	18.188	ug/l	97
10) Methyl Iodide	2.453	142	25094	17.507	ug/l	94
11) Tert butyl alcohol	2.947	59	40972	86.244	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	23852	18.190	ug/l	93
13) Acrolein	2.233	56	27673	84.603	ug/l	98
14) Allyl chloride	2.666	41	45971	17.813	ug/l	96
15) Acrylonitrile	3.056	53	89674	91.380	ug/l	98
16) Acetone	2.374	43	91720	89.363	ug/l	91
17) Carbon Disulfide	2.514	76	67580	17.931	ug/l	100
18) Methyl Acetate	2.697	43	39566	18.426	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	82847	17.797	ug/l	95
20) Methylene Chloride	2.788	84	28081	18.088	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	25050	18.153	ug/l	94
22) Diisopropyl ether	3.757	45	90745	18.425	ug/l	97
23) Vinyl Acetate	3.721	43	434655	94.942	ug/l	99
24) 1,1-Dichloroethane	3.611	63	49914	18.422	ug/l	99
25) 2-Butanone	4.550	43	134390	91.113	ug/l	99
26) 2,2-Dichloropropane	4.477	77	38419	17.667	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29387	18.568	ug/l	99
28) Bromochloromethane	4.898	49	25197	20.516	ug/l	92
29) Tetrahydrofuran	5.001	42	86764	91.392	ug/l	100
30) Chloroform	5.093	83	49286	18.426	ug/l	100
31) Cyclohexane	5.464	56	43659	18.126	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	40762	17.801	ug/l	97
36) 1,1-Dichloropropene	5.690	75	35890	17.575	ug/l	99
37) Ethyl Acetate	4.709	43	48907	17.952	ug/l	99
38) Carbon Tetrachloride	5.678	117	32979	17.632	ug/l	99
39) Methylcyclohexane	7.379	83	44077	17.974	ug/l	96
40) Benzene	6.038	78	107077	18.517	ug/l	97

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Quant Time: Jan 12 01:50:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25013	18.775	ug/l	94
42) 1,2-Dichloroethane	6.086	62	41679	18.959	ug/l	99
43) Isopropyl Acetate	6.336	43	74542	18.652	ug/l	99
44) Trichloroethene	7.123	130	25942	18.306	ug/l	98
45) 1,2-Dichloropropane	7.428	63	28435	18.331	ug/l	95
46) Dibromomethane	7.580	93	20044	18.708	ug/l	96
47) Bromodichloromethane	7.818	83	36990	18.641	ug/l	97
48) Methyl methacrylate	7.690	41	36737	18.701	ug/l	96
49) 1,4-Dioxane	7.653	88	13652	359.164	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	256711	93.267	ug/l	98
52) Toluene	8.714	92	64769	18.753	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	39431	18.727	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44035	19.019	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	27757	18.876	ug/l	94
56) Ethyl methacrylate	9.116	69	44868	18.852	ug/l	97
57) 1,3-Dichloropropane	9.305	76	47046	18.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	105271	93.578	ug/l	94
59) 2-Hexanone	9.427	43	206187	94.651	ug/l	98
60) Dibromochloromethane	9.519	129	26489	19.101	ug/l	100
61) 1,2-Dibromoethane	9.604	107	29122	19.124	ug/l	100
64) Tetrachloroethene	9.269	164	21154	18.242	ug/l	96
65) Chlorobenzene	10.079	112	67286	18.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	23550	18.622	ug/l	97
67) Ethyl Benzene	10.195	91	126073	18.284	ug/l	98
68) m/p-Xylenes	10.299	106	93962	37.053	ug/l	96
69) o-Xylene	10.640	106	45869	18.265	ug/l	95
70) Styrene	10.653	104	75891	18.500	ug/l	99
71) Bromoform	10.799	173	17468	18.395	ug/l #	100
73) Isopropylbenzene	10.963	105	121906	17.909	ug/l	100
74) N-amyl acetate	10.842	43	63775	17.974	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	46789	18.001	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39332m	17.744	ug/l	
77) Bromobenzene	11.195	156	27207	17.951	ug/l	95
78) n-propylbenzene	11.305	91	150230	18.235	ug/l	97
79) 2-Chlorotoluene	11.360	91	88163	17.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104439	18.065	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	12012	17.927	ug/l	99
82) 4-Chlorotoluene	11.451	91	101634	17.597	ug/l	100
83) tert-Butylbenzene	11.713	119	99749	18.072	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104943	18.195	ug/l	100
85) sec-Butylbenzene	11.890	105	130738	18.247	ug/l	98
86) p-Isopropyltoluene	12.006	119	105261	18.382	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	52437	18.049	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	53523	17.837	ug/l	98
89) n-Butylbenzene	12.329	91	100962	18.255	ug/l	97
90) Hexachloroethane	12.536	117	17309	17.917	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	52395	18.242	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11162	17.525	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	32161	18.323	ug/l	98
94) Hexachlorobutadiene	13.725	225	13919	19.077	ug/l	98
95) Naphthalene	13.774	128	117627	18.204	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32261	18.212	ug/l	99

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ClientSampleId :
VX0111WBSD01

Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

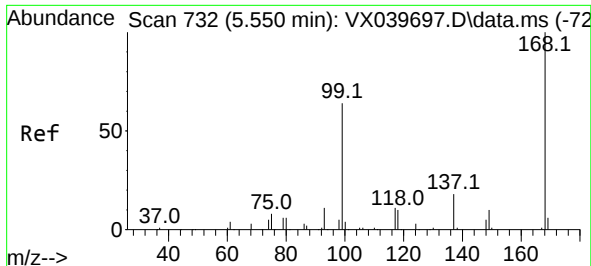
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

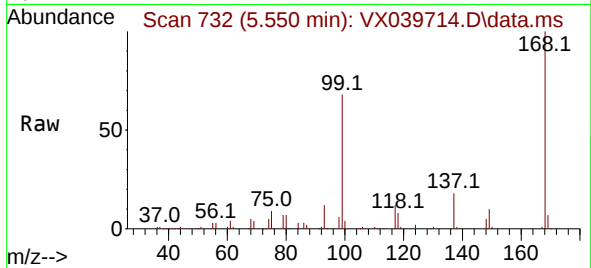
Quant Time: Jan 12 01:50:44 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

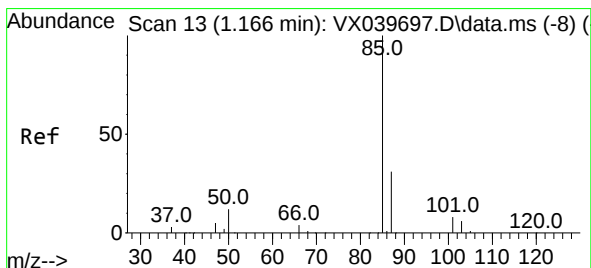
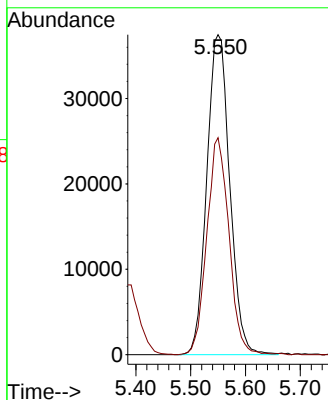
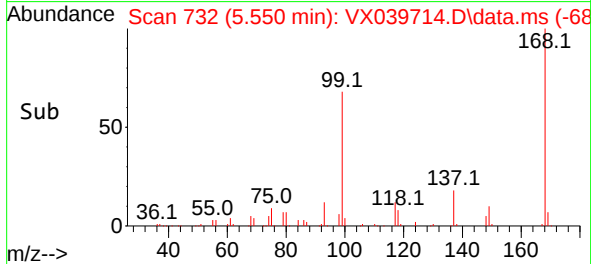
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:168 Resp: 10894
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0

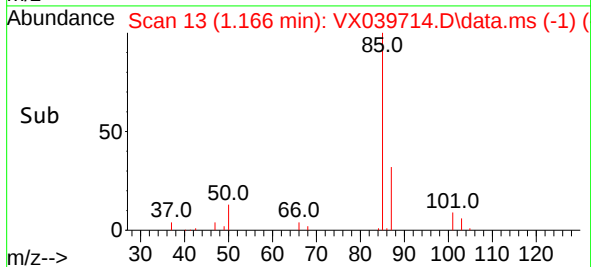
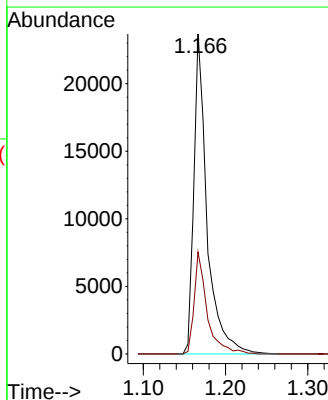
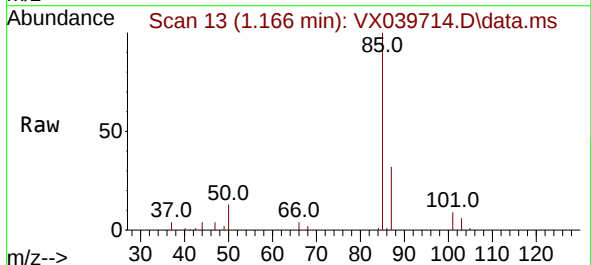
Manual Integrations
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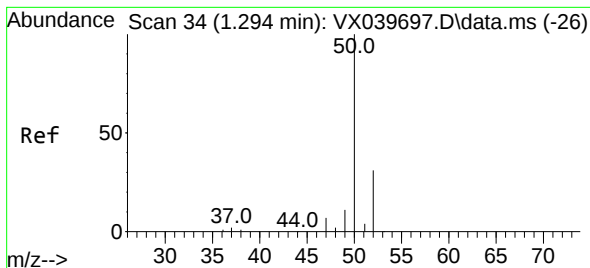
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 18.741 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 85 Resp: 26417
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





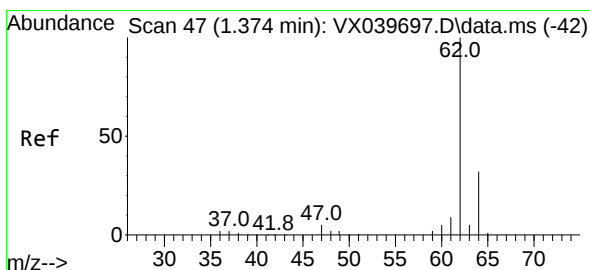
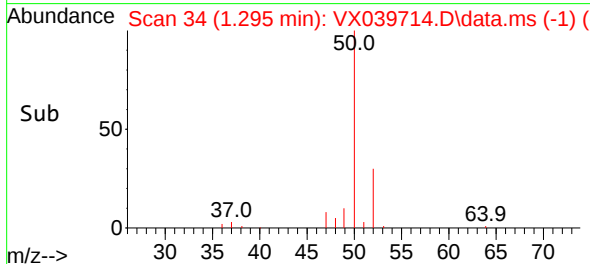
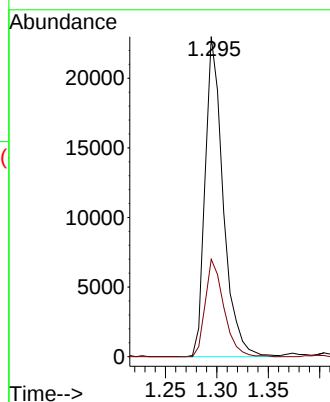
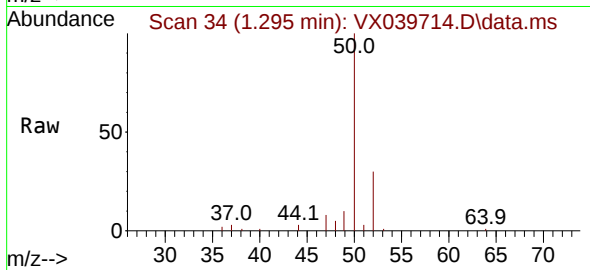
#3
Chloromethane
Concen: 17.483 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 50 Resp: 28144
Ion Ratio Lower Upper
50 100
52 30.4 25.5 38.3

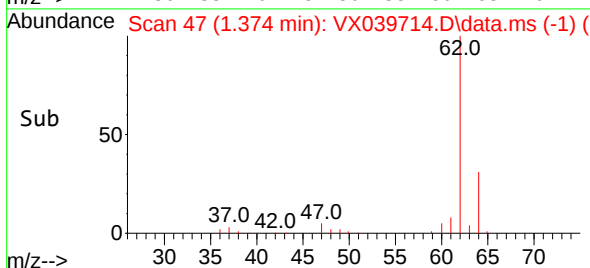
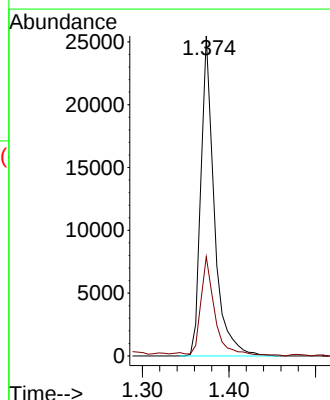
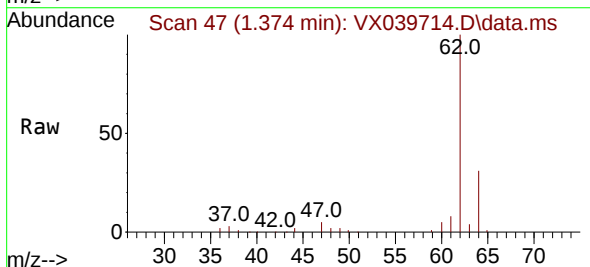
Manual Integrations
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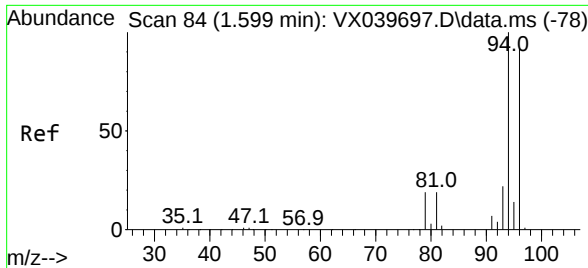
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#4
Vinyl Chloride
Concen: 18.015 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 62 Resp: 27369
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





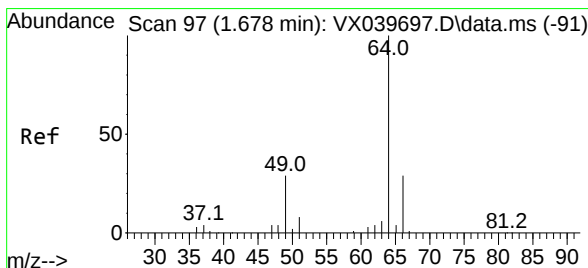
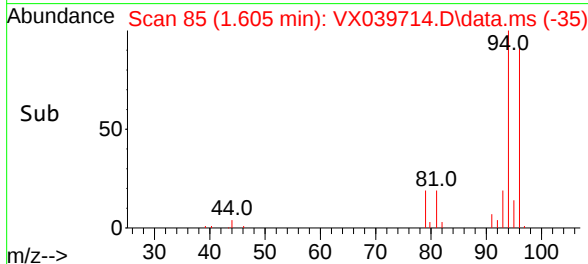
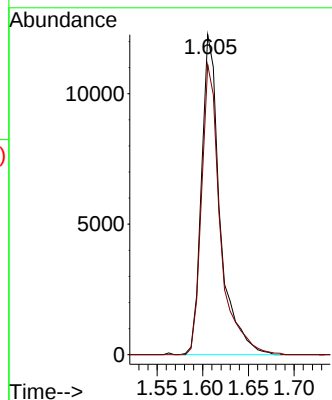
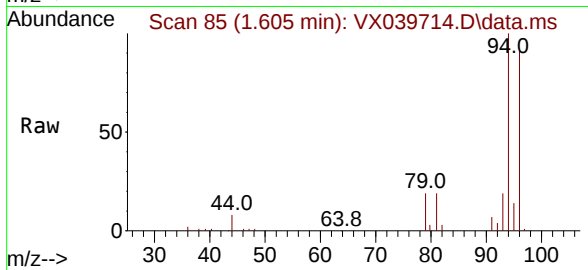
#5
Bromomethane
Concen: 19.941 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 17280
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8

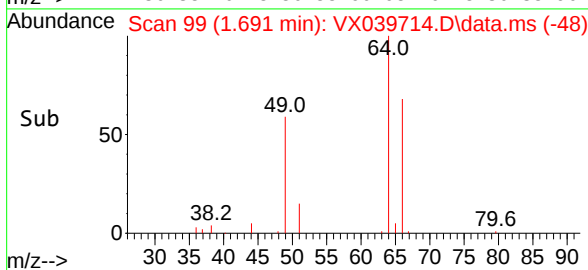
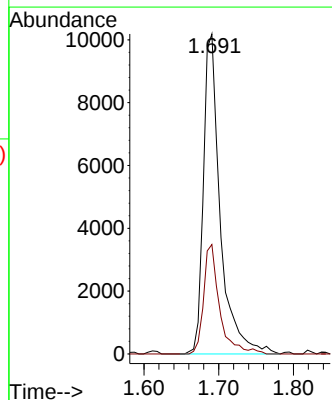
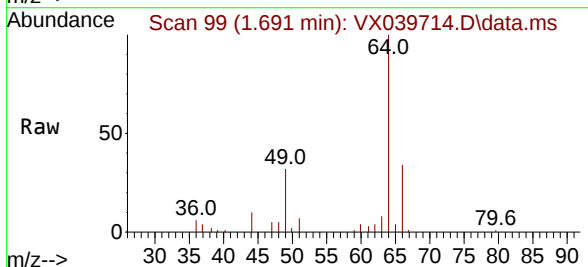
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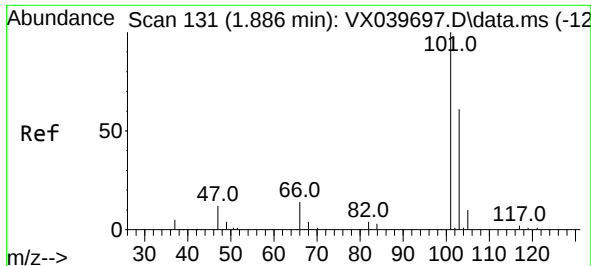
Reviewed By :John Carlone 01/12/2024
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#6
Chloroethane
Concen: 18.459 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 64 Resp: 15942
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





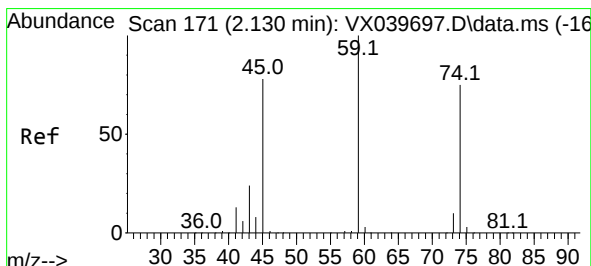
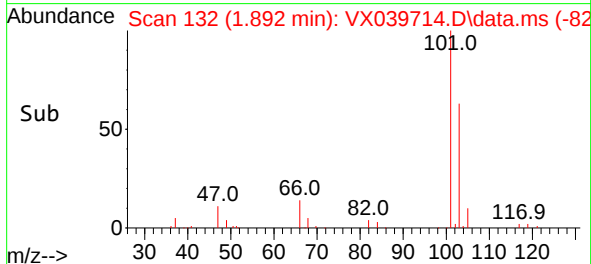
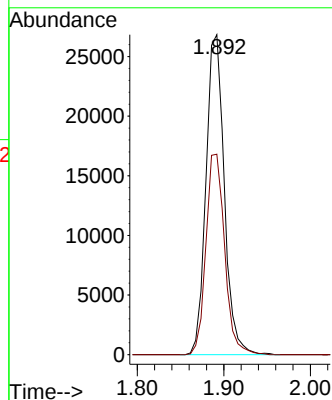
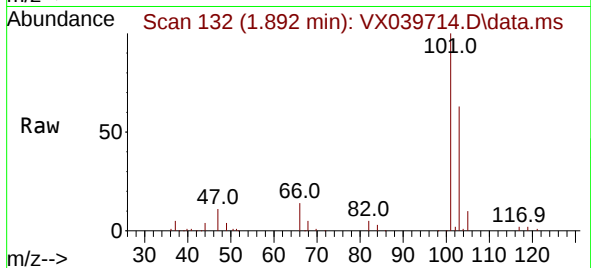
#7
Trichlorofluoromethane
Concen: 17.975 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion:101 Resp: 39394
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.2

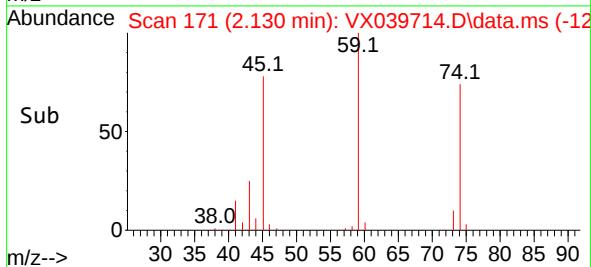
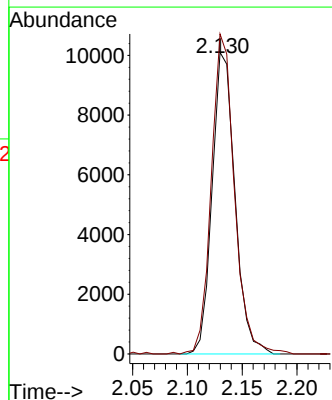
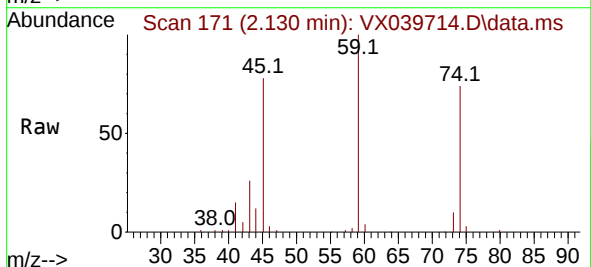
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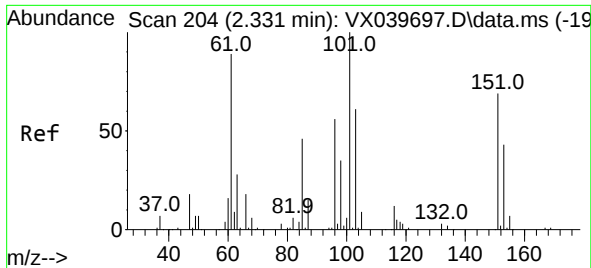
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#8
Diethyl Ether
Concen: 18.092 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 74 Resp: 14653
Ion Ratio Lower Upper
74 100
45 107.4 53.3 159.8





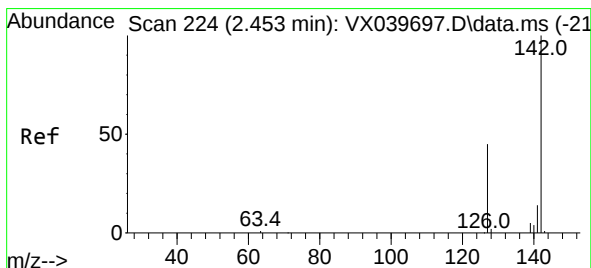
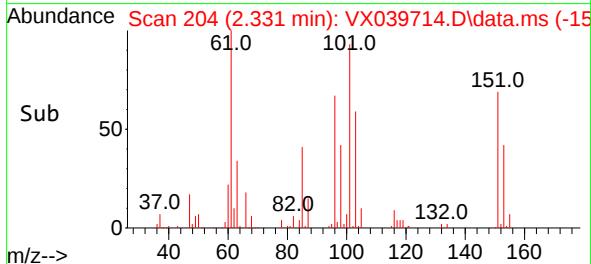
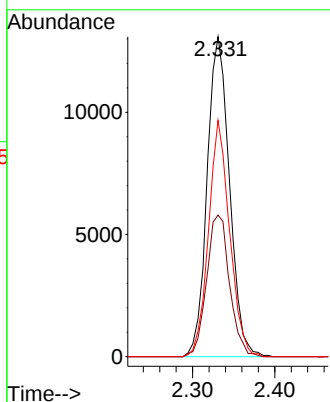
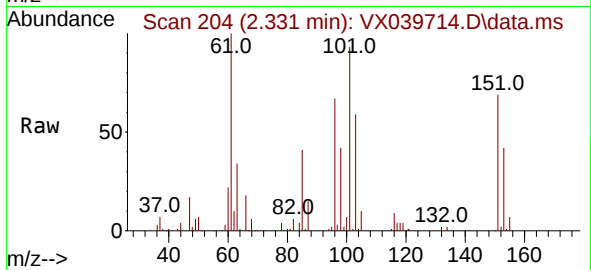
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.188 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion:101 Resp: 2471
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 69.7 58.6 87.8

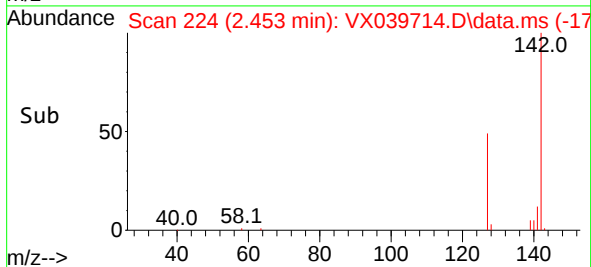
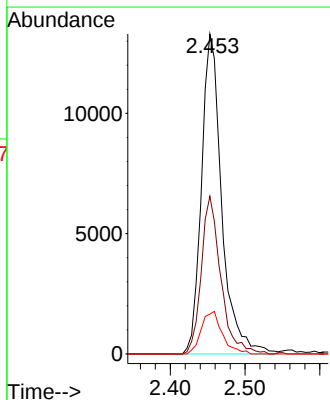
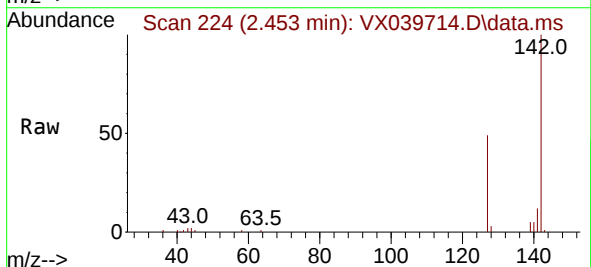
Manual Integrations
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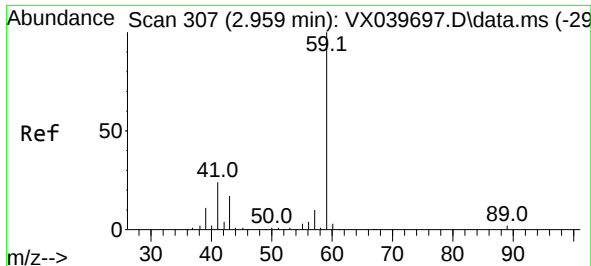
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#10
Methyl Iodide
Concen: 17.507 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion:142 Resp: 25094
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 86.244 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion: 59 Resp: 40972

Ion Ratio Lower Upper

59 100

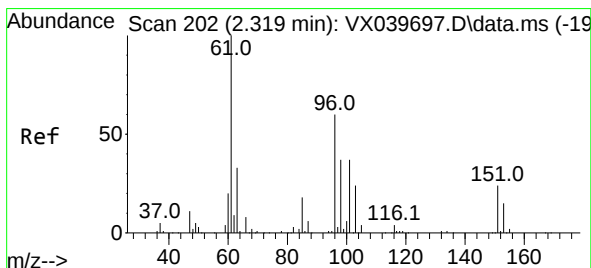
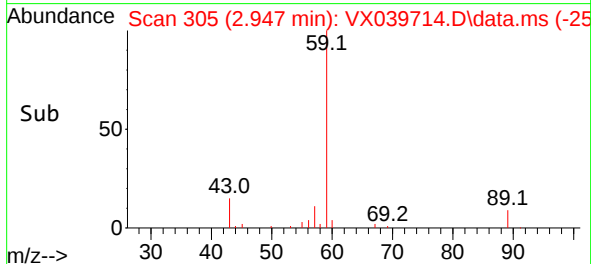
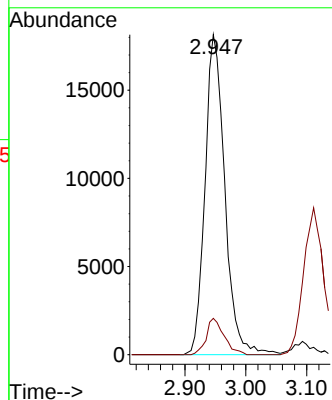
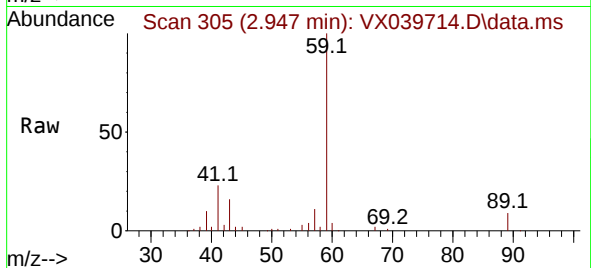
57 10.2 6.0 9.0

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Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#12

1,1-Dichloroethene

Concen: 18.190 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

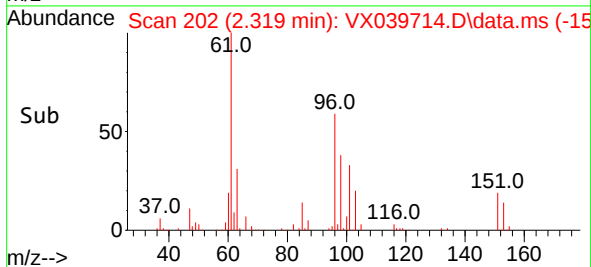
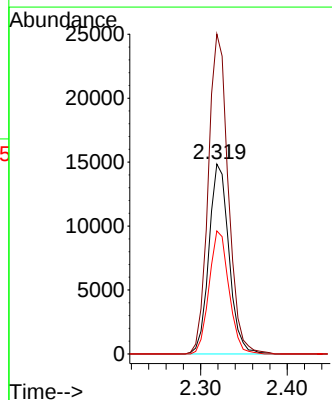
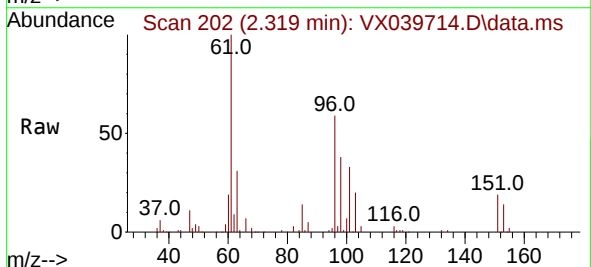
Tgt Ion: 96 Resp: 23852

Ion Ratio Lower Upper

96 100

61 168.5 144.6 216.8

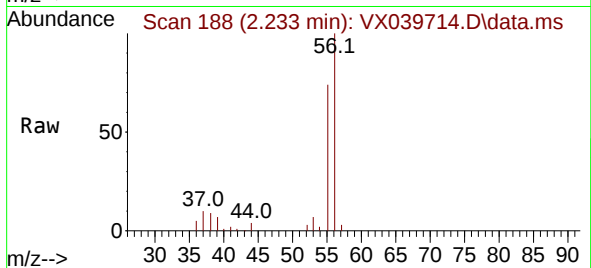
98 64.8 50.4 75.6





#13
Acrolein
Concen: 84.603 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

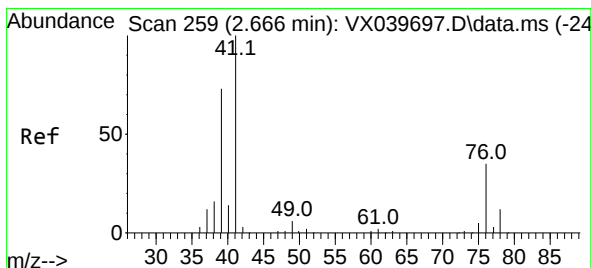
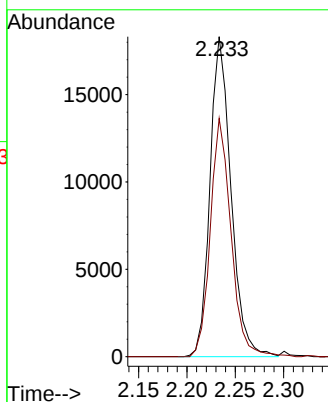
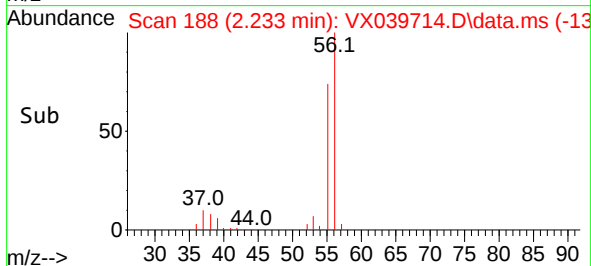
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



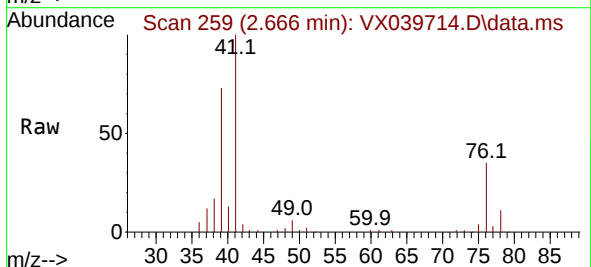
Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
55 73.4 57.1 85.7

Manual Integrations
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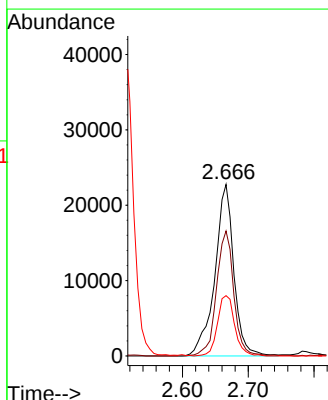
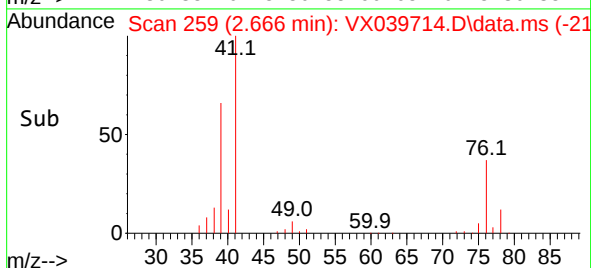
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#14
Allyl chloride
Concen: 17.813 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58



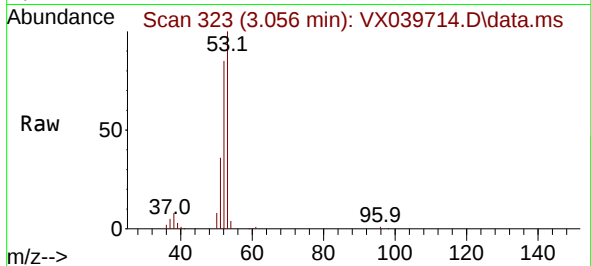
Tgt Ion: 41 Resp: 45971
Ion Ratio Lower Upper
41 100
39 66.1 55.8 83.6
76 31.8 24.3 36.5





#15
Acrylonitrile
Concen: 91.380 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

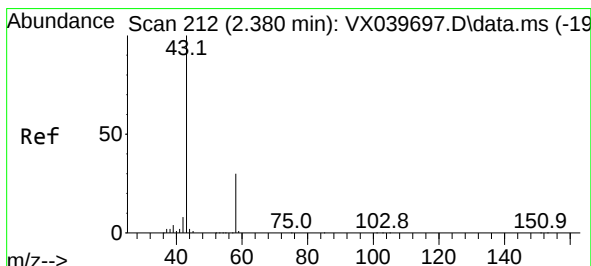
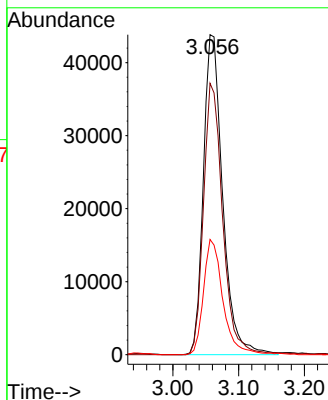
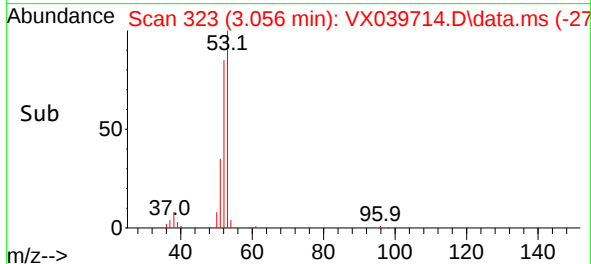
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 53 Resp: 89674
Ion Ratio Lower Upper
53 100
52 84.5 66.0 99.0
51 36.4 29.8 44.6

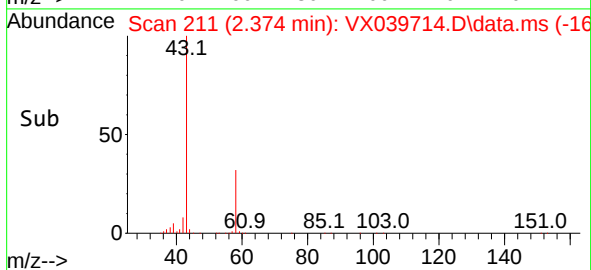
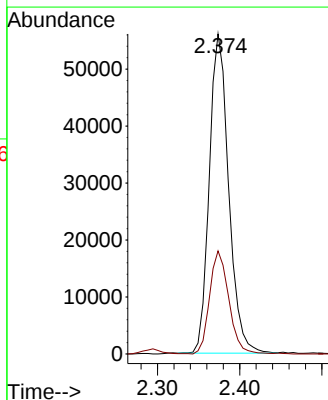
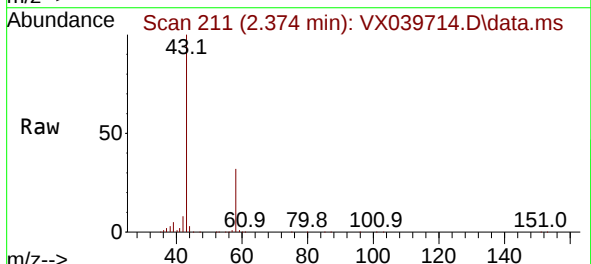
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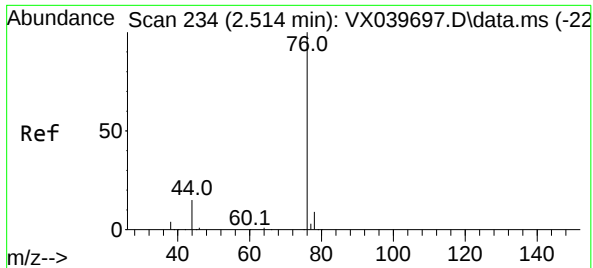
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#16
Acetone
Concen: 89.363 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 43 Resp: 91720
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





#17

Carbon Disulfide

Concen: 17.931 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion: 76 Resp: 67580

Ion Ratio Lower Upper

76 100

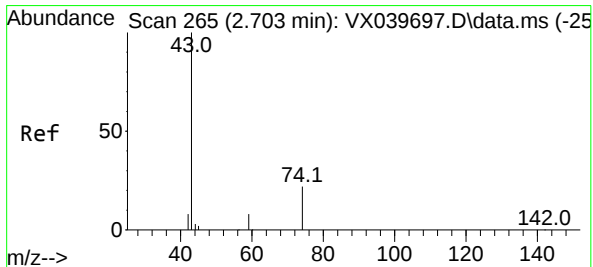
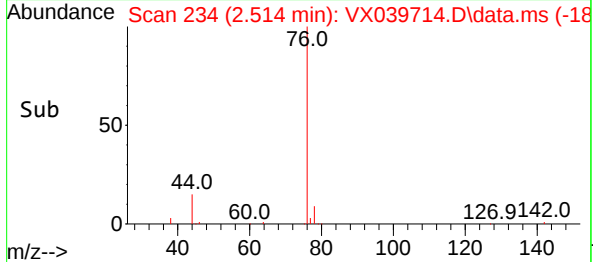
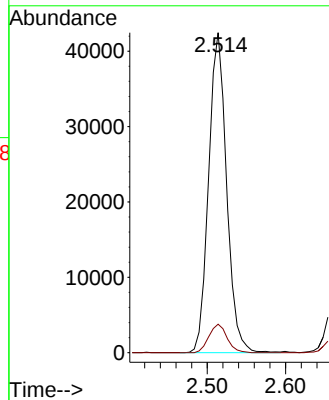
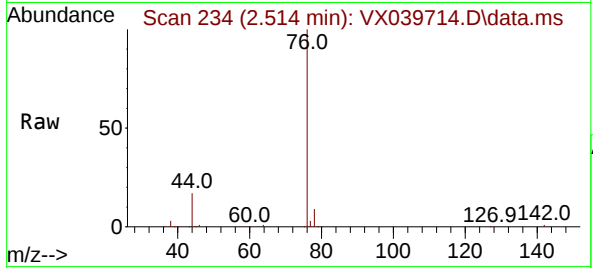
78 8.9 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#18

Methyl Acetate

Concen: 18.426 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039714.D

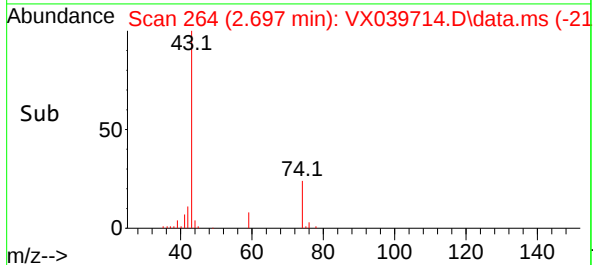
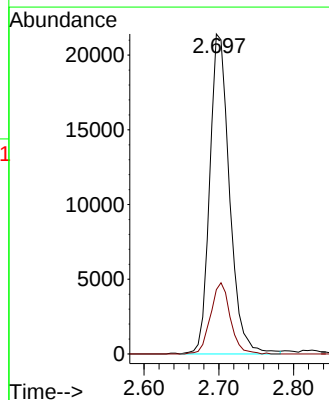
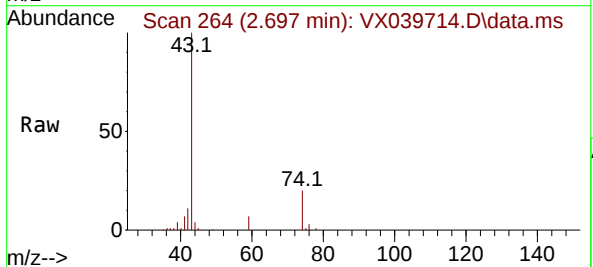
Acq: 11 Jan 2024 10:58

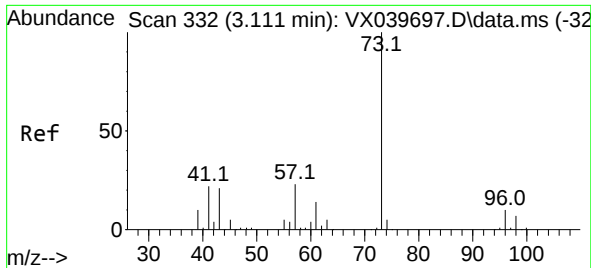
Tgt Ion: 43 Resp: 39566

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8





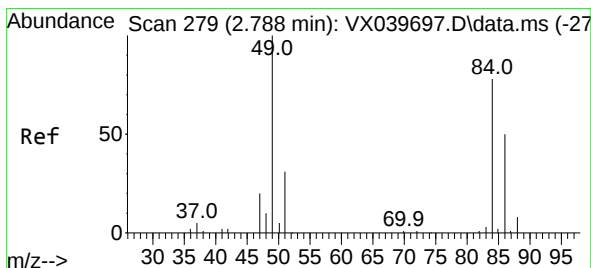
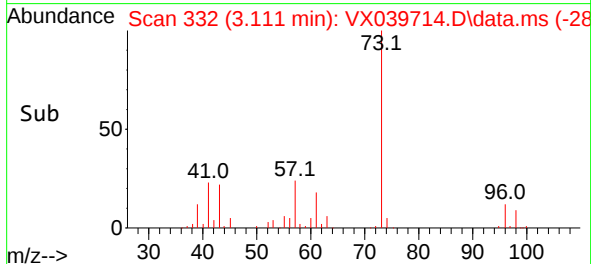
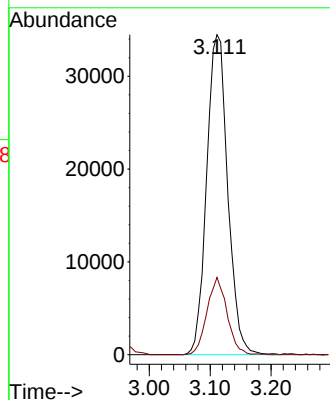
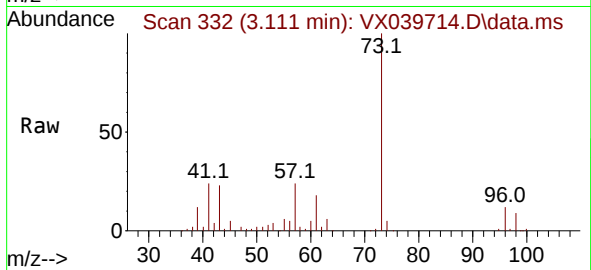
#19
Methyl tert-butyl Ether
Concen: 17.797 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 73 Resp: 8284
Ion Ratio Lower Upper
73 100
57 24.2 17.3 25.9

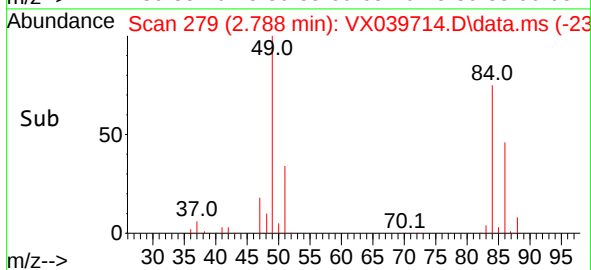
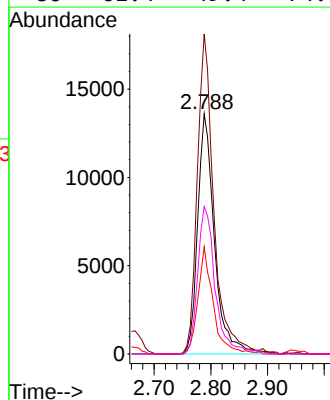
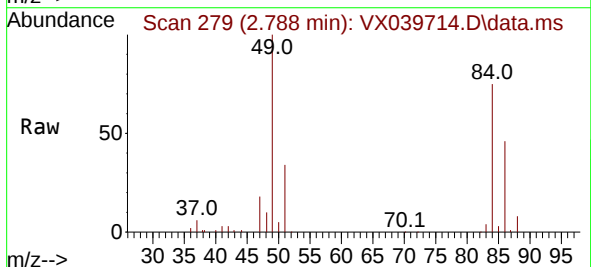
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Methylene Chloride
Concen: 18.088 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

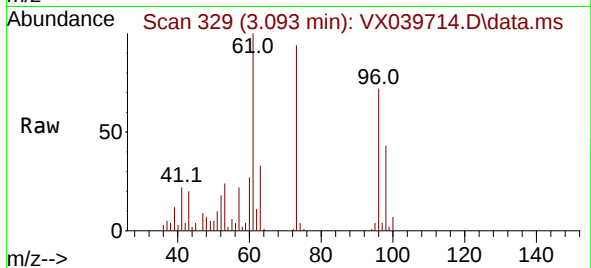
Tgt Ion: 84 Resp: 28081
Ion Ratio Lower Upper
84 100
49 133.2 103.6 155.4
51 44.6 33.8 50.6
86 61.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.153 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

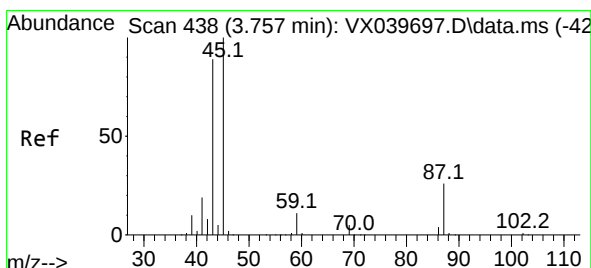
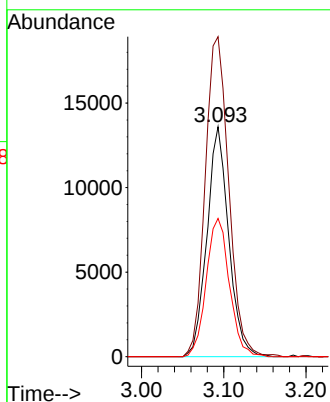
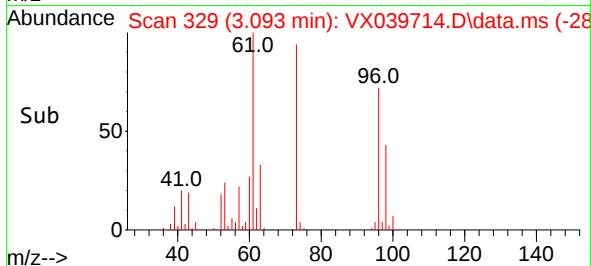
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 96 Resp: 25050
Ion Ratio Lower Upper
96 100
61 139.2 119.2 178.8
98 60.1 48.7 73.1

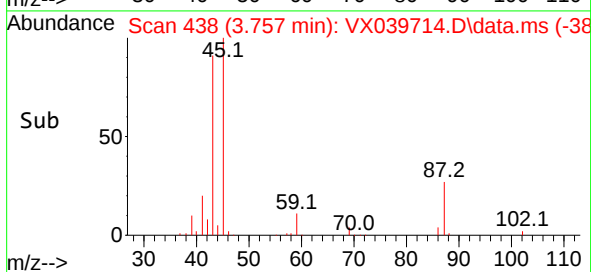
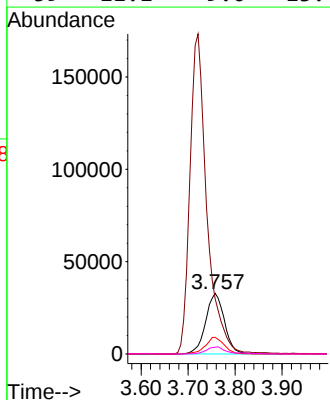
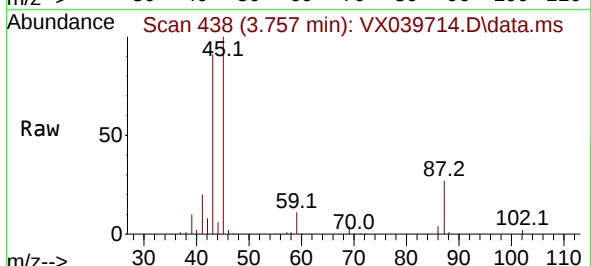
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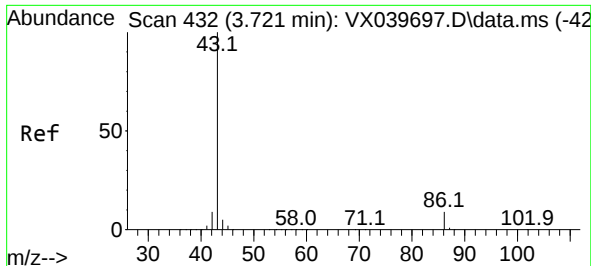
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#22
Diisopropyl ether
Concen: 18.425 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 45 Resp: 90745
Ion Ratio Lower Upper
45 100
43 89.9 69.7 104.5
87 27.4 20.8 31.2
59 11.1 9.0 13.4





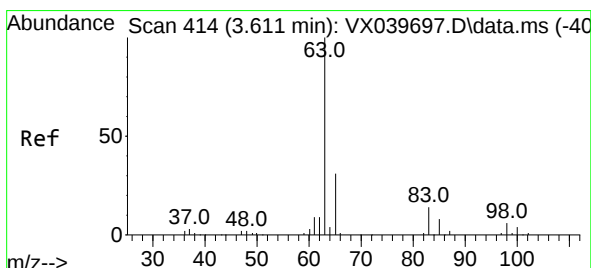
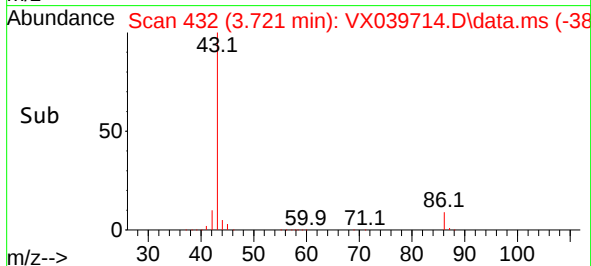
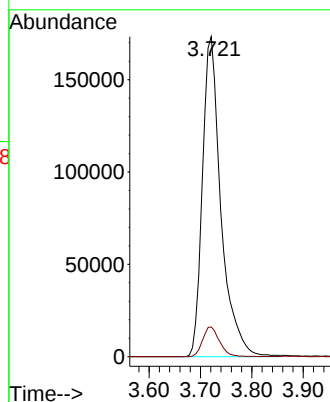
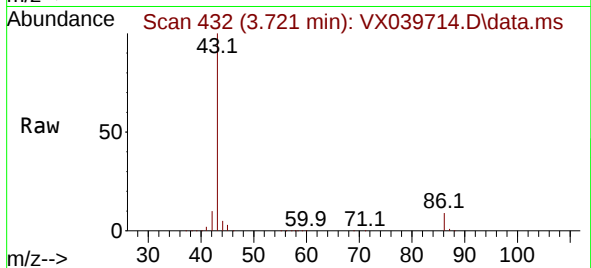
#23
 Vinyl Acetate
 Concen: 94.942 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039714.D
 Acq: 11 Jan 2024 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Tgt Ion: 43 Resp: 43465
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

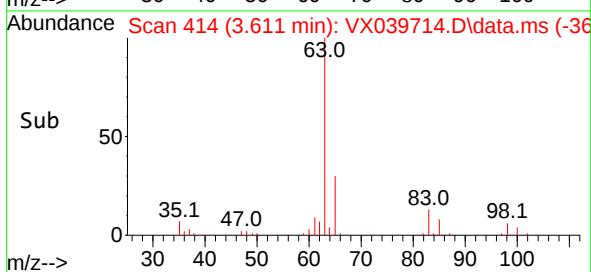
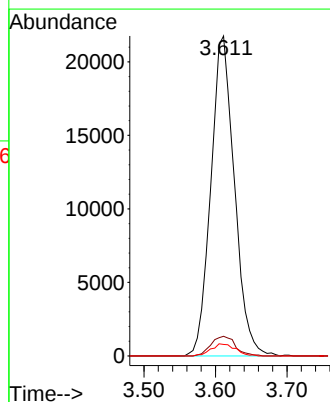
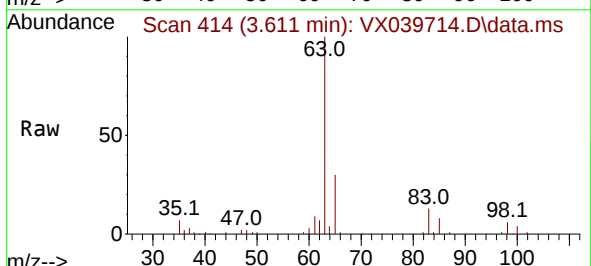
Manual Integrations
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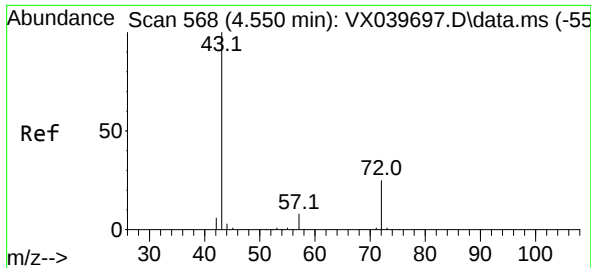
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#24
 1,1-Dichloroethane
 Concen: 18.422 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039714.D
 Acq: 11 Jan 2024 10:58

Tgt Ion: 63 Resp: 49914
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.6 2.1 6.5





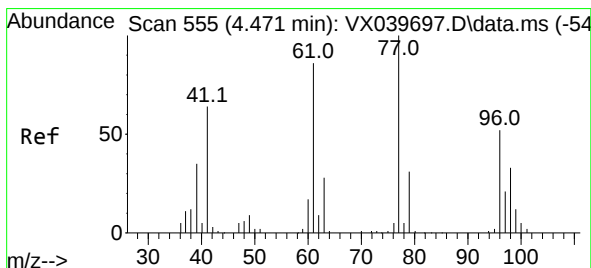
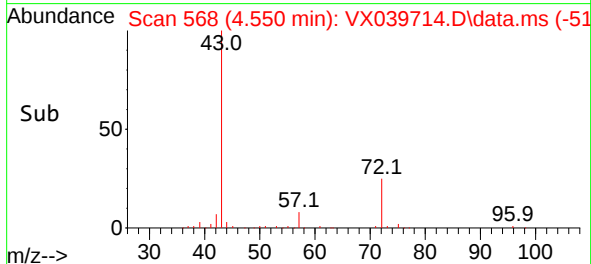
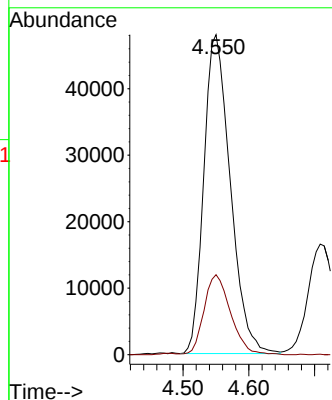
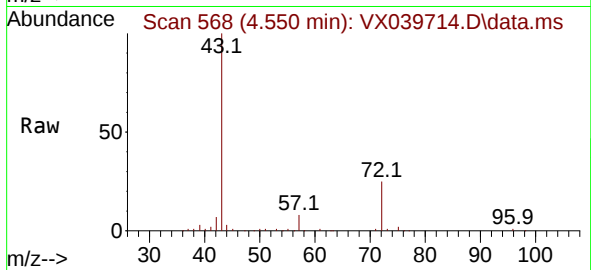
#25
2-Butanone
Concen: 91.113 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 43 Resp: 134390
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

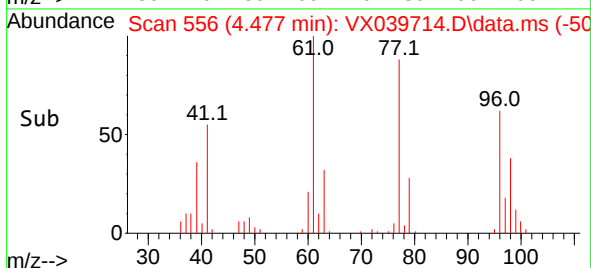
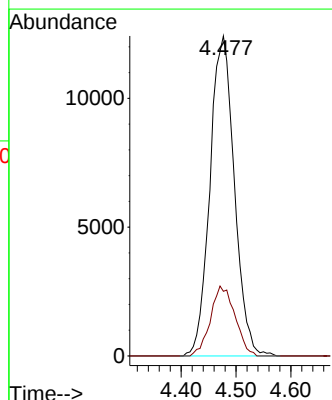
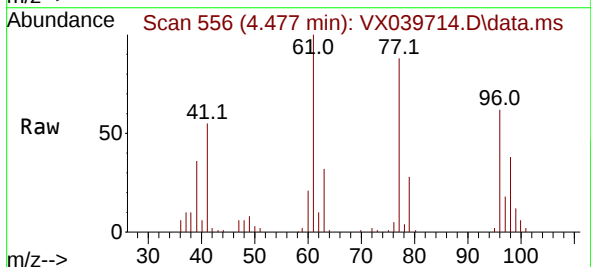
Manual Integrations
APPROVED

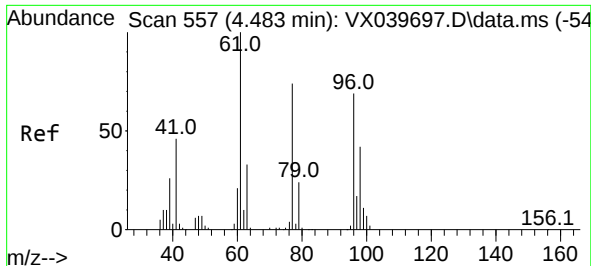
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#26
2,2-Dichloropropane
Concen: 17.667 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 77 Resp: 38419
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.568 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion: 96 Resp: 2938

Ion Ratio Lower Upper

96 100

61 154.6 0.0 312.2

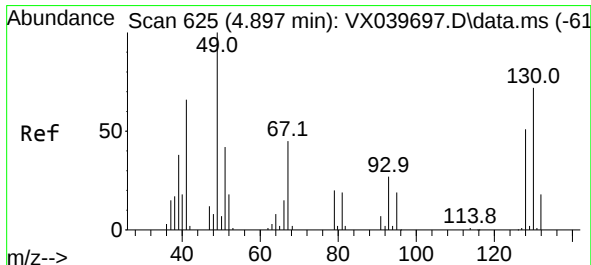
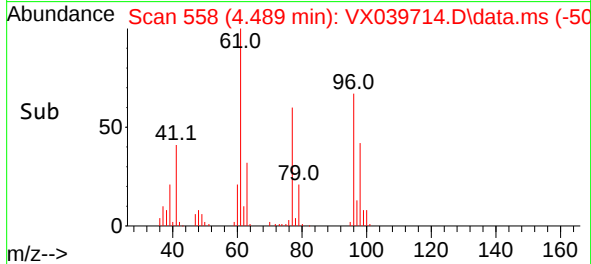
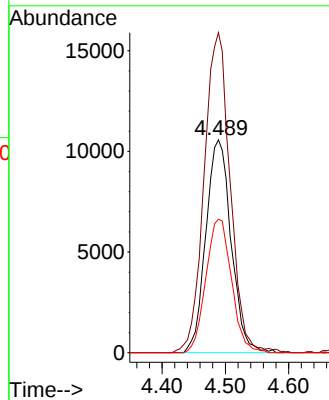
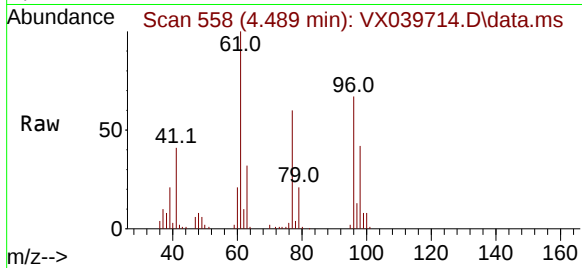
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#28

Bromochloromethane

Concen: 20.516 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

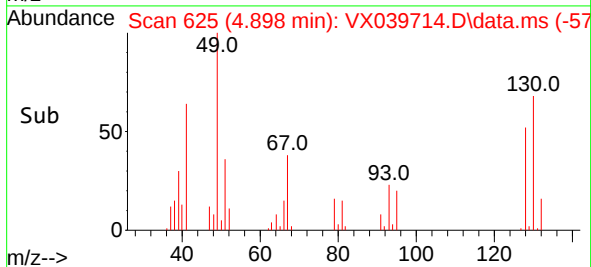
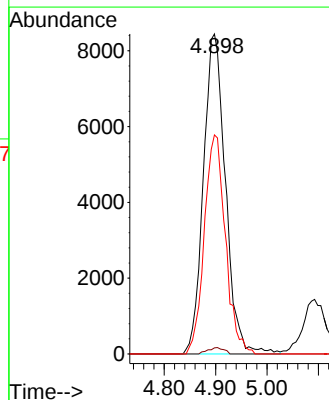
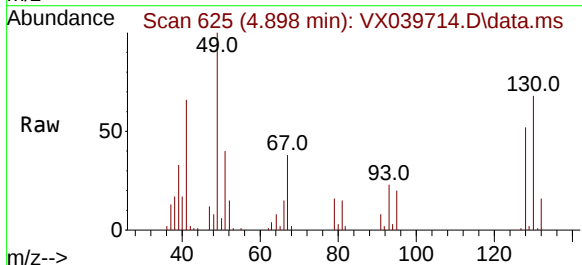
Tgt Ion: 49 Resp: 25197

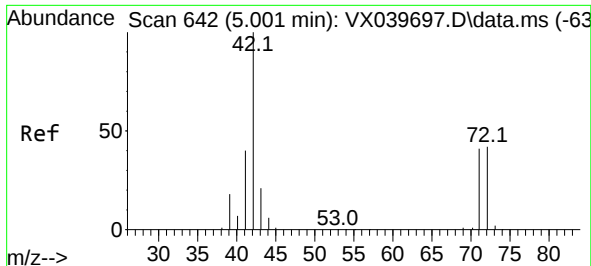
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

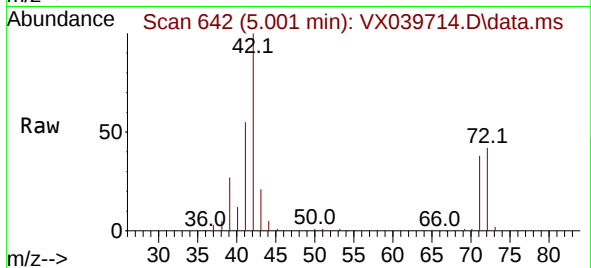
130 65.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 91.392 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

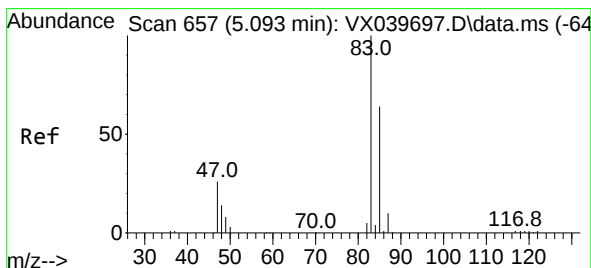
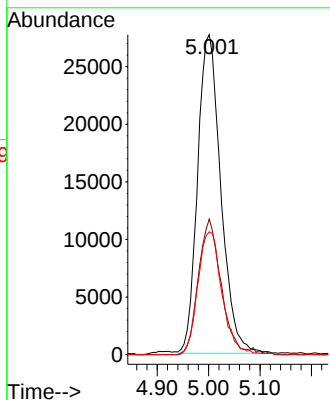
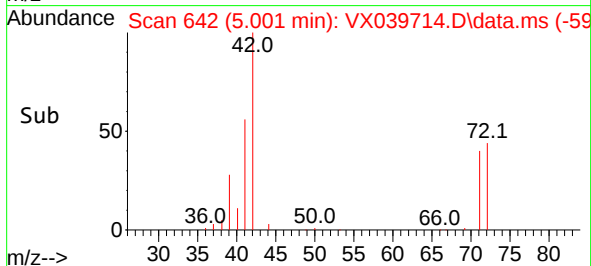
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 42 Resp: 86764
Ion Ratio Lower Upper
42 100
72 42.4 34.2 51.4
71 40.1 32.2 48.2

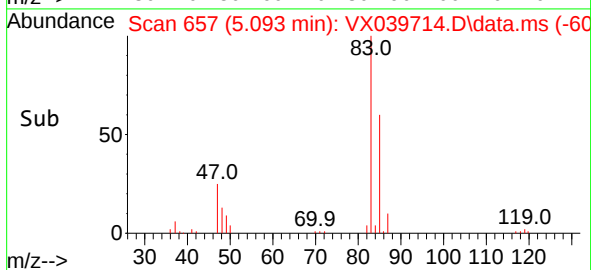
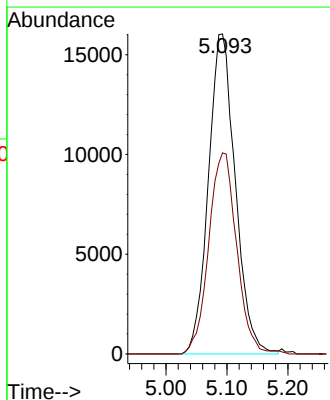
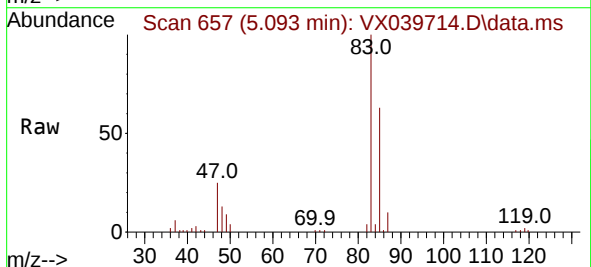
Manual Integrations
APPROVED

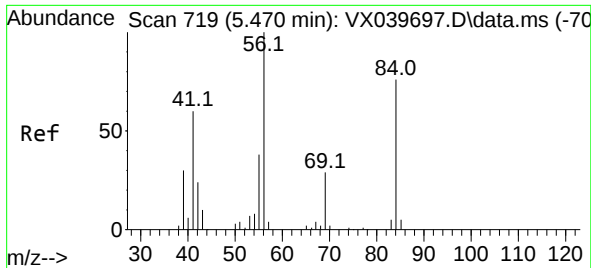
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#30
Chloroform
Concen: 18.426 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

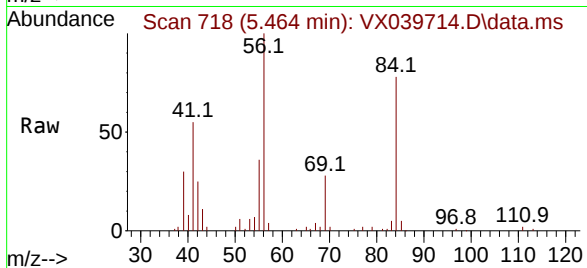
Tgt Ion: 83 Resp: 49286
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5





#31
Cyclohexane
Concen: 18.126 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

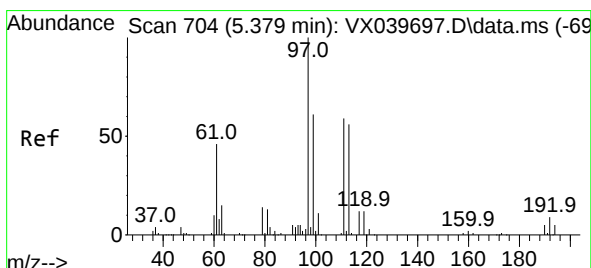
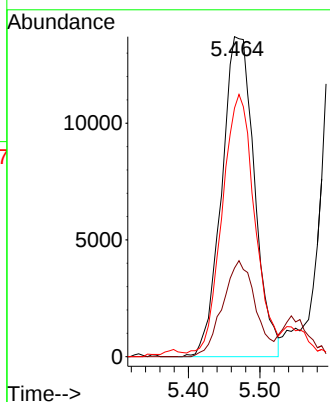
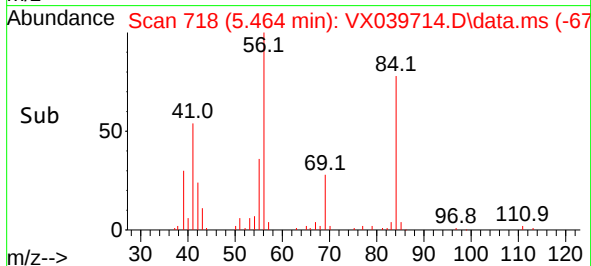
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 56 Resp: 43659
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.2
84 76.2 65.9 98.9

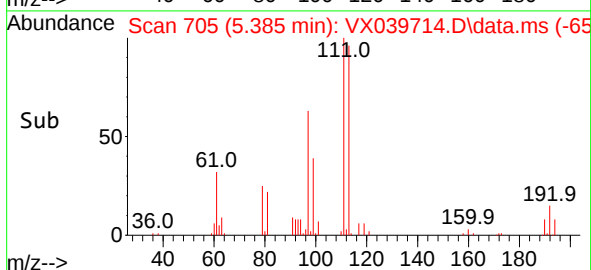
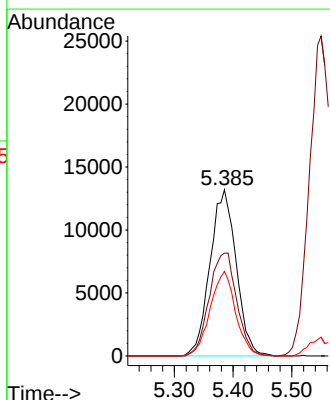
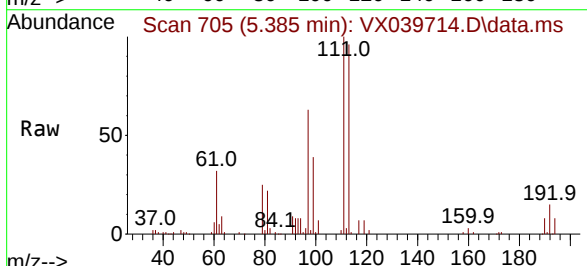
Manual Integrations
APPROVED

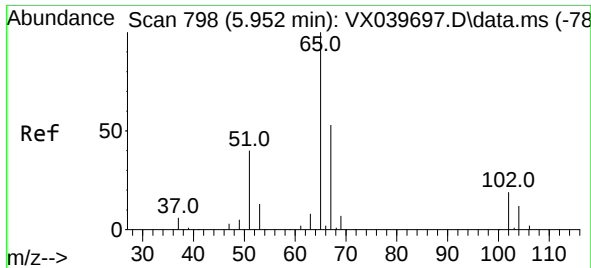
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#32
1,1,1-Trichloroethane
Concen: 17.801 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 97 Resp: 40762
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 49.5 36.4 54.6





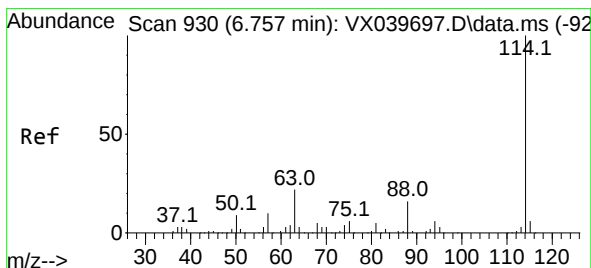
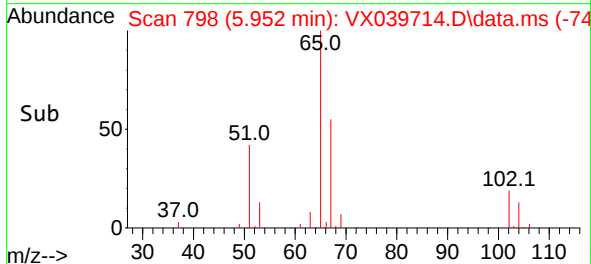
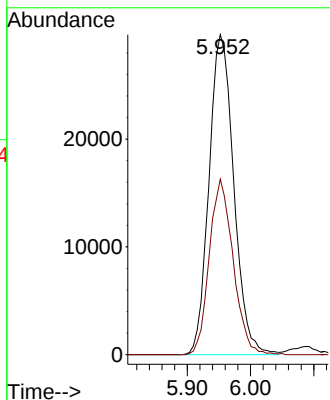
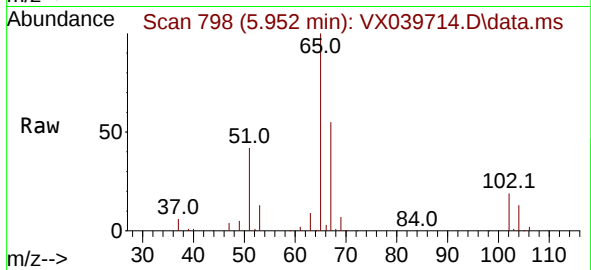
#33
1,2-Dichloroethane-d4
Concen: 44.215 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 65 Resp: 8069
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

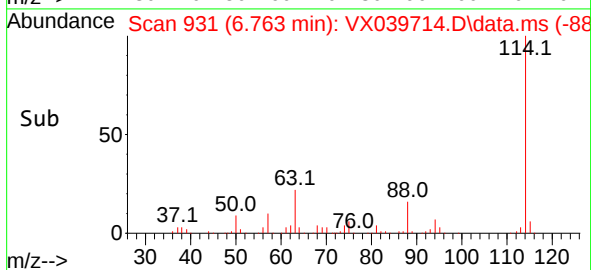
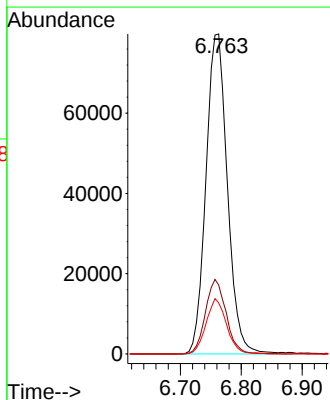
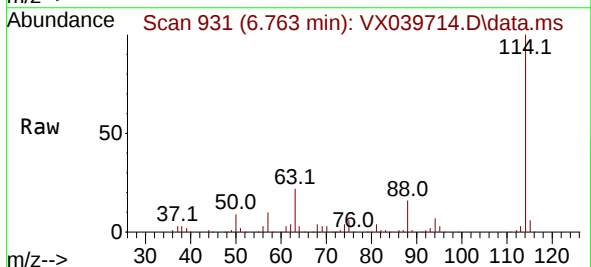
Manual Integrations
APPROVED

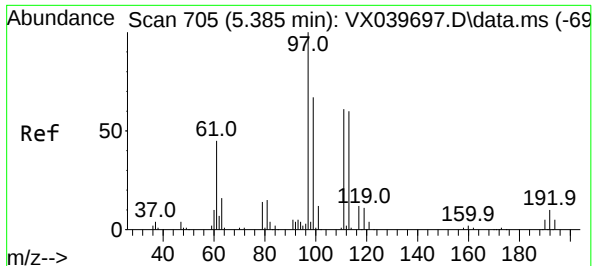
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

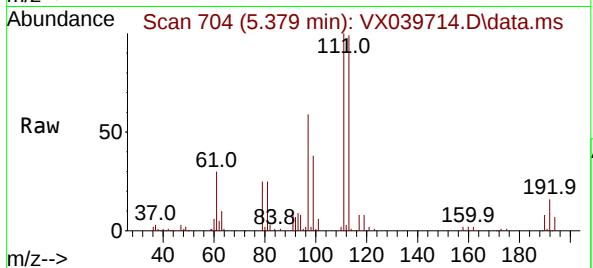
Tgt Ion:114 Resp: 194784
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.527 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

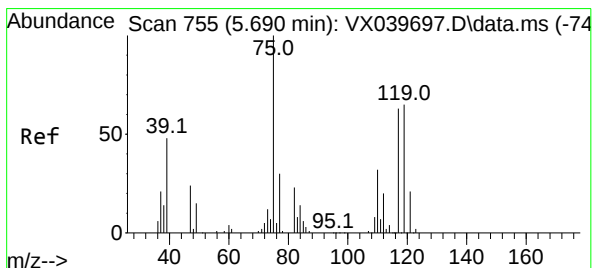
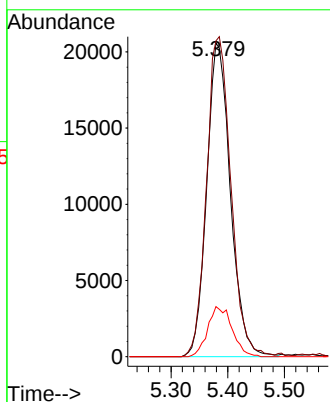
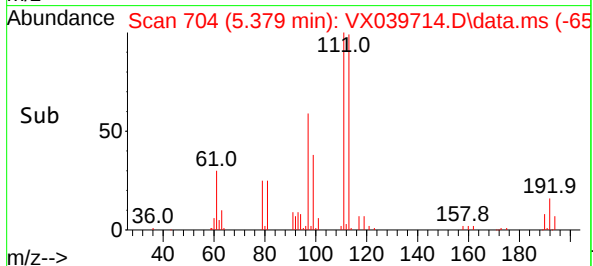
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:113 Resp: 59730
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 16.4 13.3 19.9

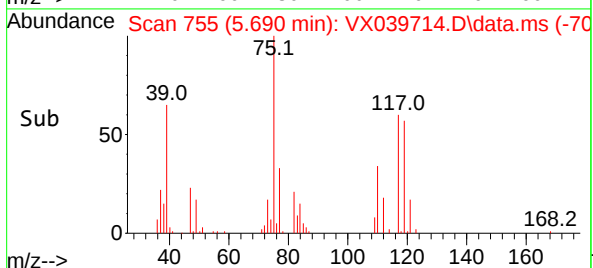
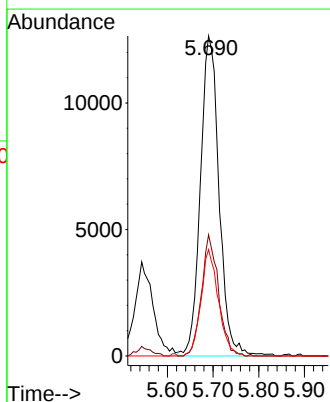
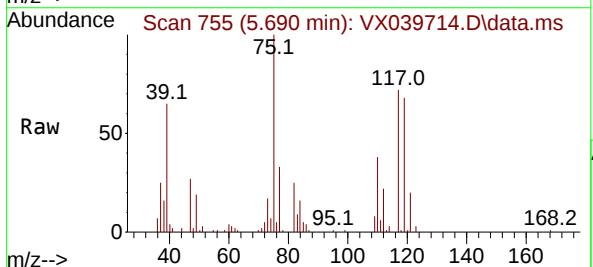
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#36
1,1-Dichloropropene
Concen: 17.575 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

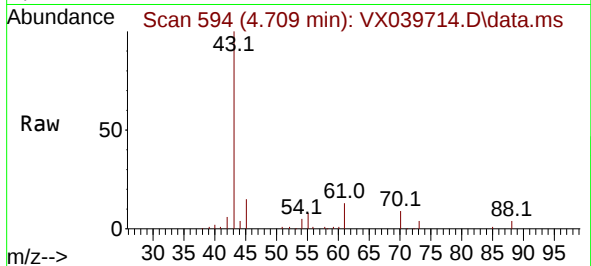
Tgt Ion: 75 Resp: 35890
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 17.952 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

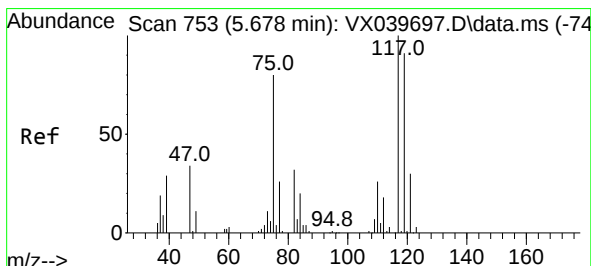
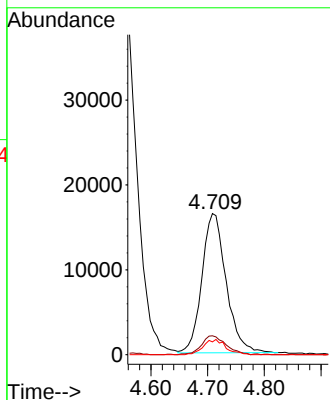
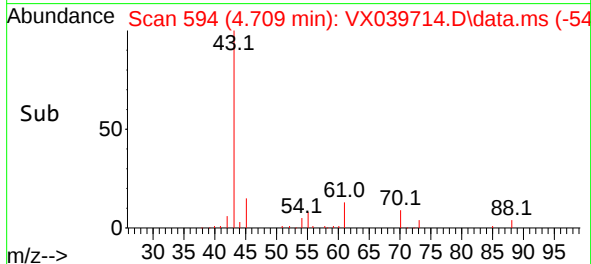
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 43 Resp: 4890
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.0 8.3 12.5

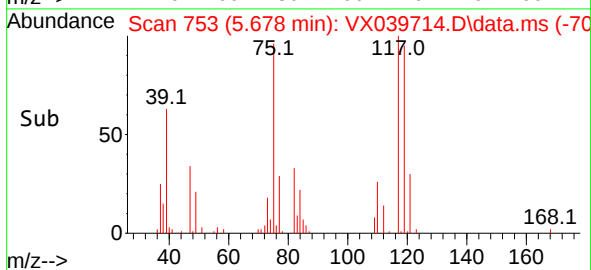
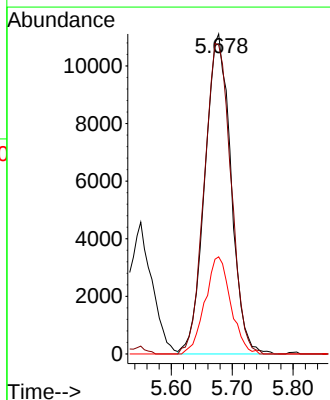
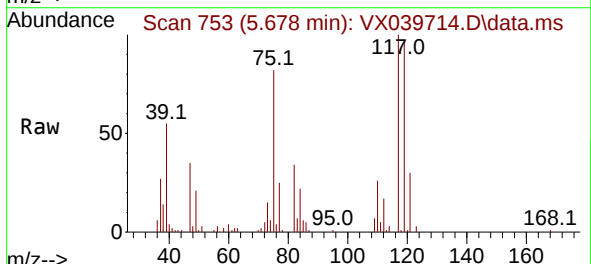
Manual Integrations
APPROVED

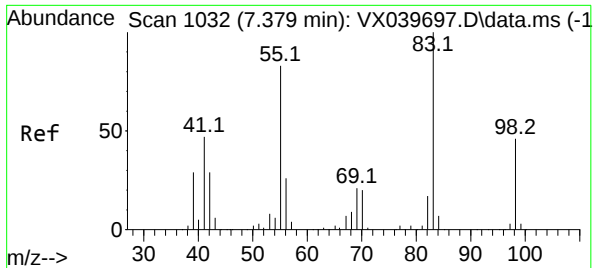
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#38
Carbon Tetrachloride
Concen: 17.632 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

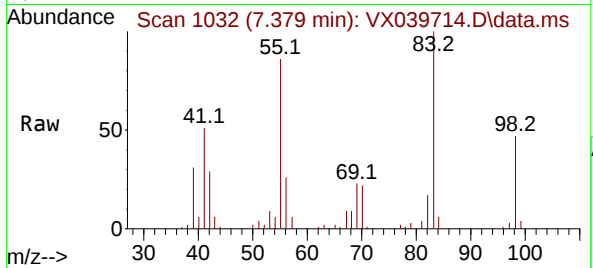
Tgt Ion:117 Resp: 32979
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 30.4 24.4 36.6





#39
Methylcyclohexane
Concen: 17.974 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

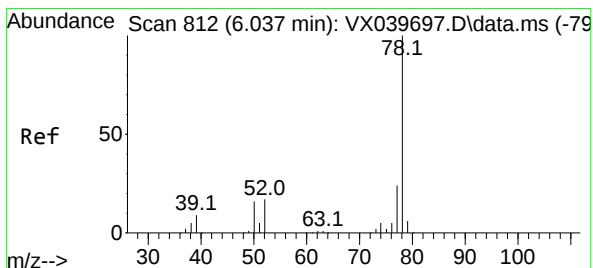
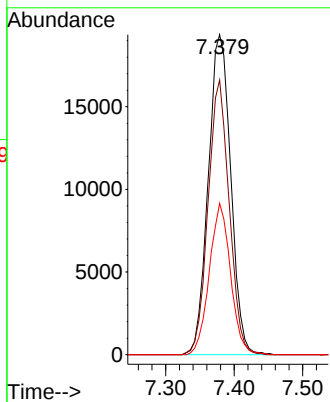
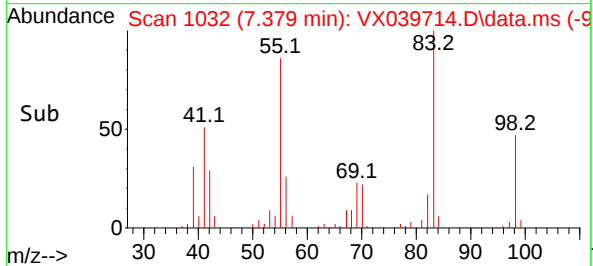
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 83 Resp: 4407
Ion Ratio Lower Upper
83 100
55 85.8 64.6 97.0
98 47.3 36.7 55.1

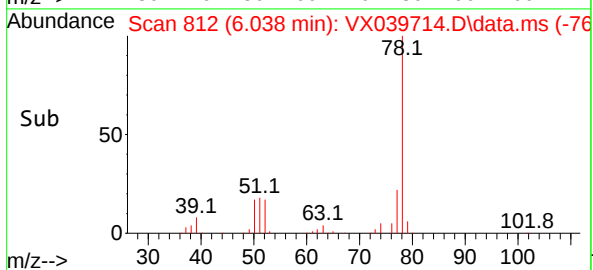
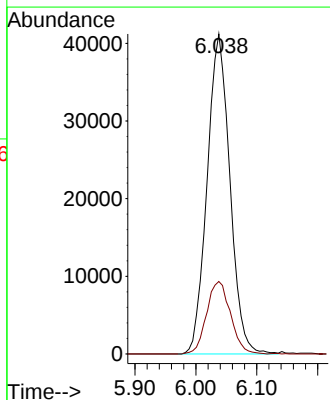
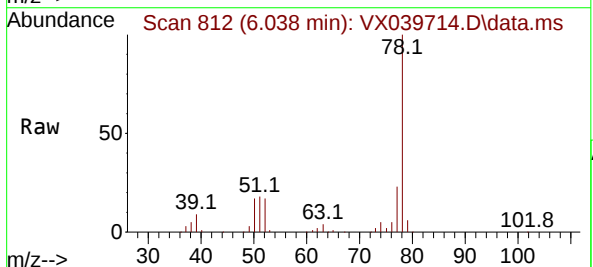
Manual Integrations
APPROVED

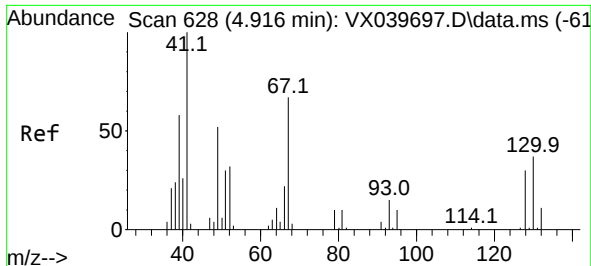
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#40
Benzene
Concen: 18.517 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 78 Resp: 107077
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





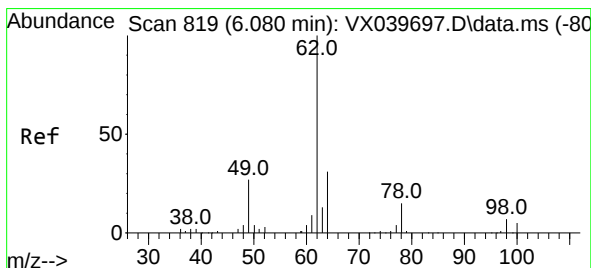
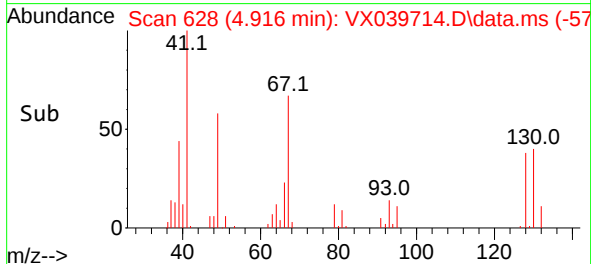
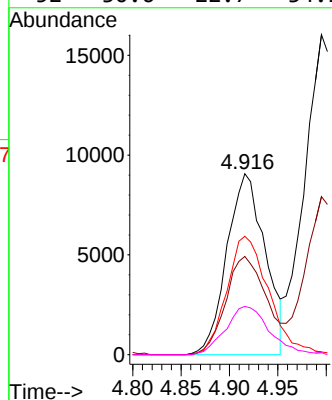
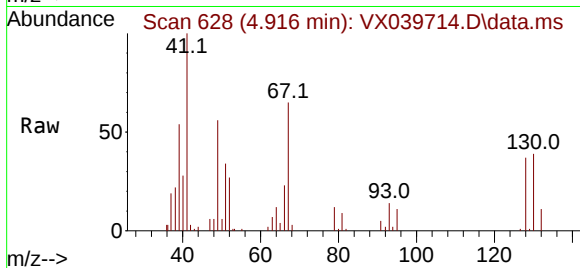
#41
Methacrylonitrile
Concen: 18.775 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 41	Resp: 2501
Ion Ratio	Lower Upper
41 100	
39 59.1	45.2 67.8
67 72.1	52.6 78.8
52 30.6	22.7 34.1

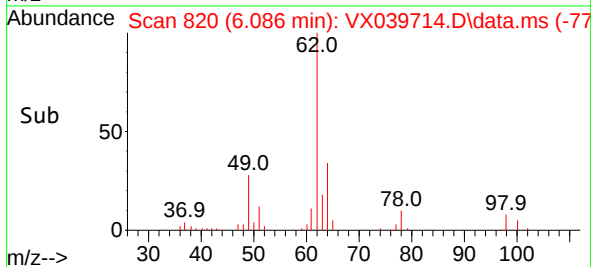
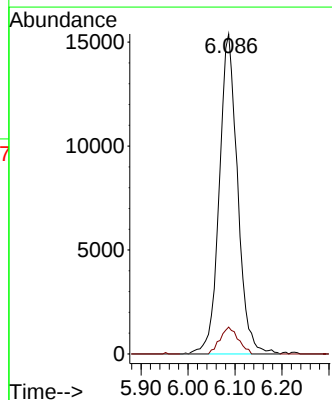
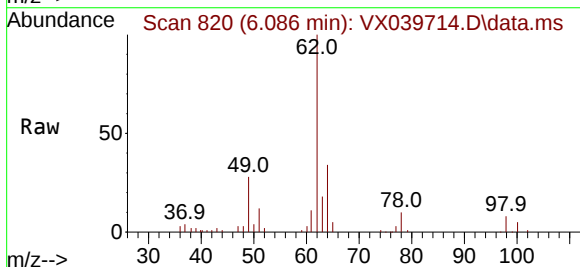
Manual Integrations
APPROVED

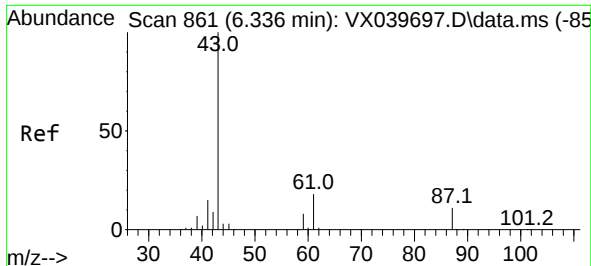
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
1,2-Dichloroethane
Concen: 18.959 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 62	Resp: 41679
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 16.0





#43

Isopropyl Acetate

Concen: 18.652 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039714.D

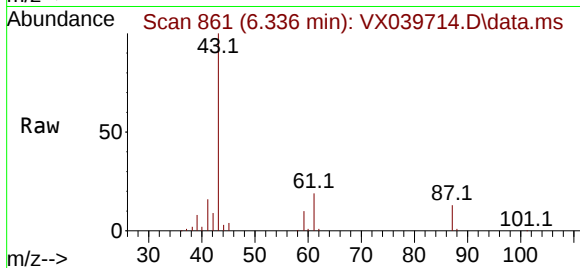
Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01



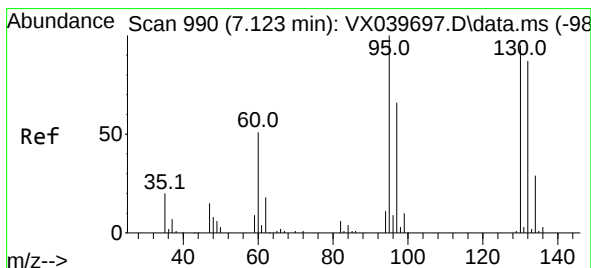
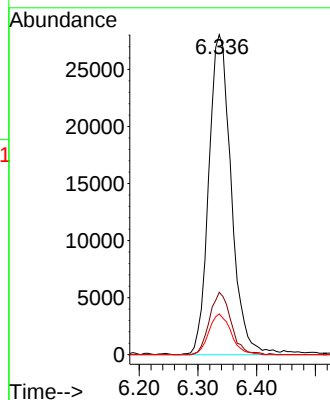
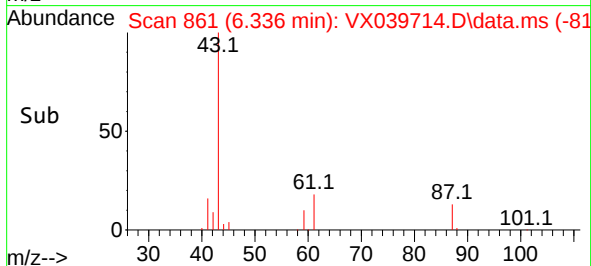
Tgt Ion: 43	Resp: 7454
Ion Ratio	Lower Upper
43	100
61	18.6 15.2 22.8
87	12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#44

Trichloroethene

Concen: 18.306 ug/l

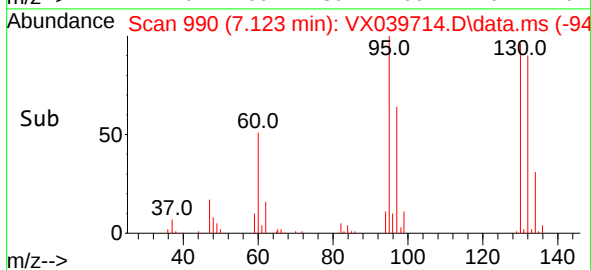
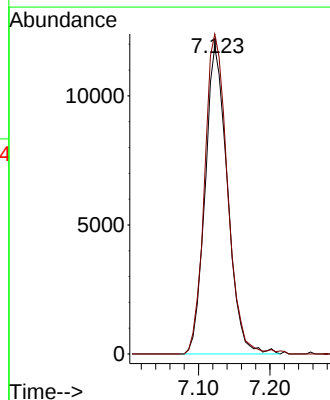
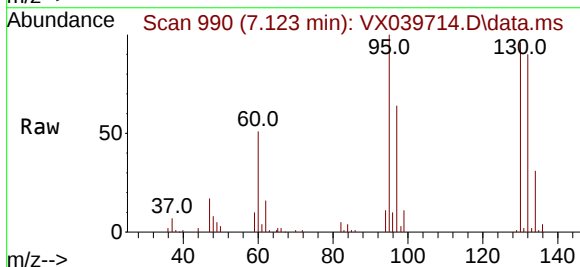
RT: 7.123 min Scan# 990

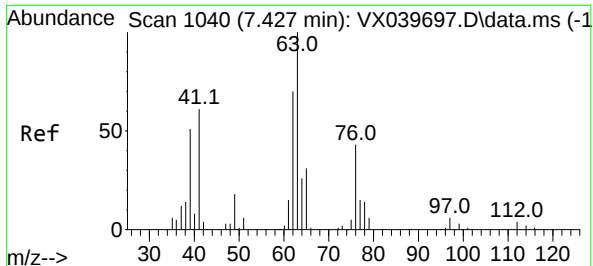
Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Tgt Ion:130	Resp: 25942
Ion Ratio	Lower Upper
130	100
95	104.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.331 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion: 63 Resp: 2843

Ion Ratio Lower Upper

63 100

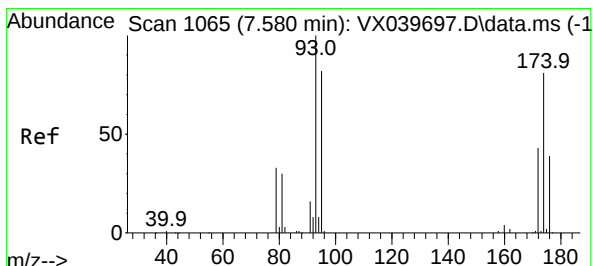
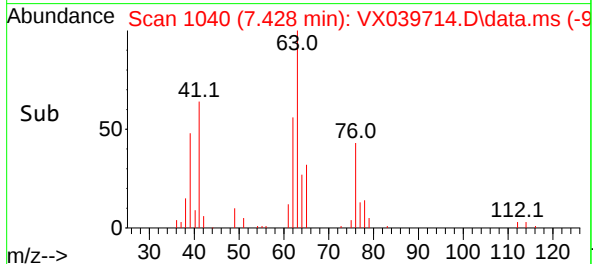
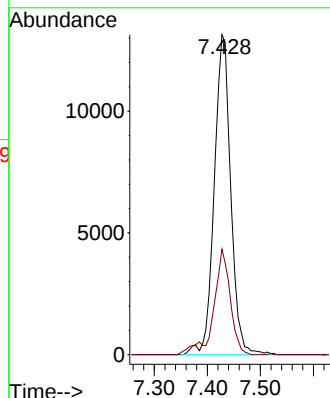
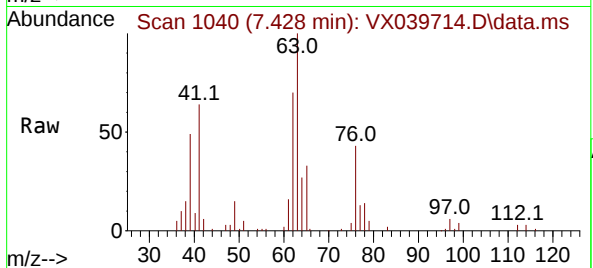
65 32.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#46

Dibromomethane

Concen: 18.708 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

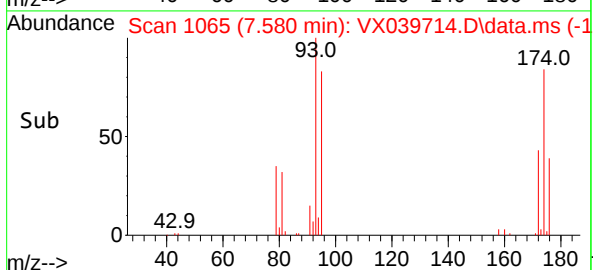
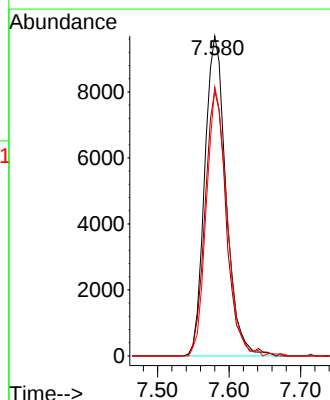
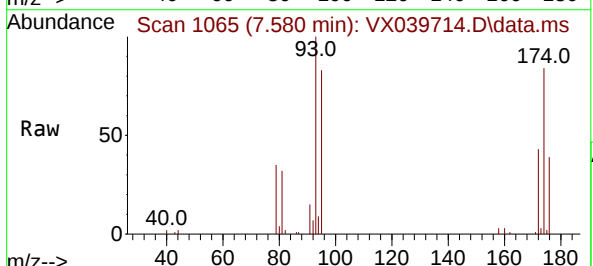
Tgt Ion: 93 Resp: 20044

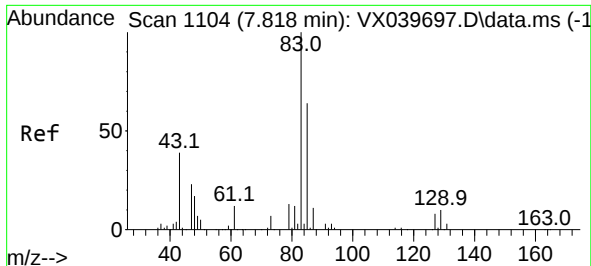
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

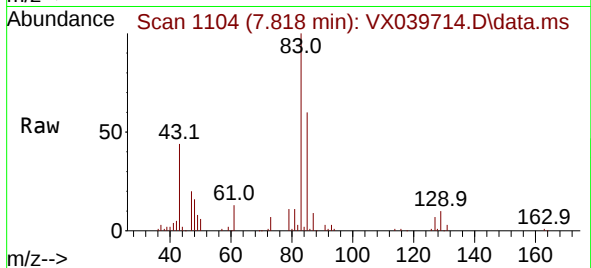
174 81.3 69.4 104.0





#47
Bromodichloromethane
Concen: 18.641 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

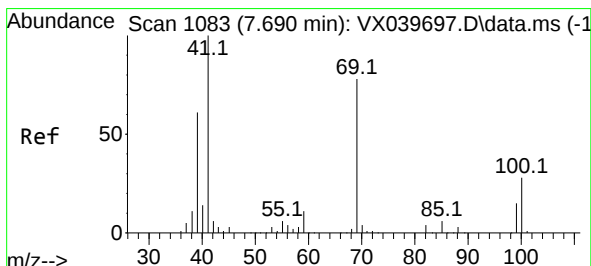
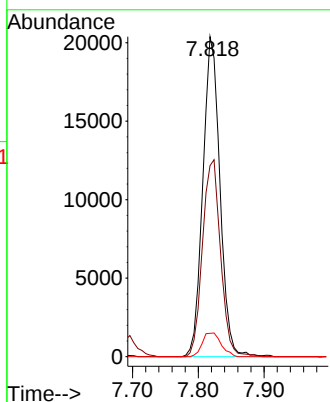
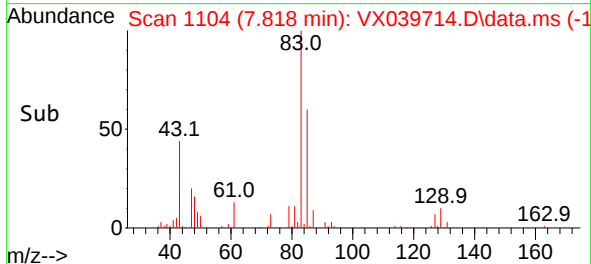
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 83 Resp: 36990
Ion Ratio Lower Upper
83 100
85 59.7 49.8 74.6
127 7.3 7.1 10.7

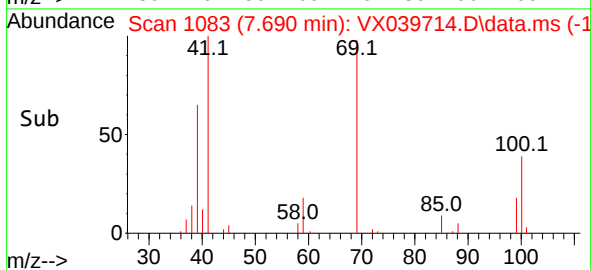
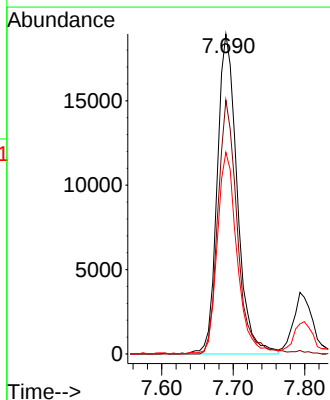
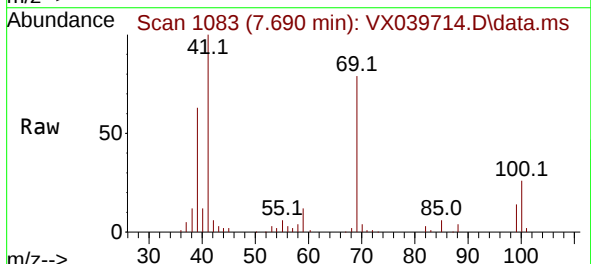
Manual Integrations
APPROVED

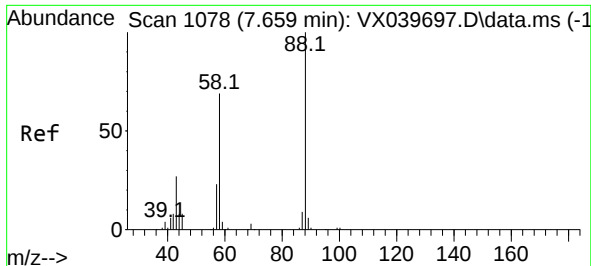
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#48
Methyl methacrylate
Concen: 18.701 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 41 Resp: 36737
Ion Ratio Lower Upper
41 100
69 76.7 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 359.164 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

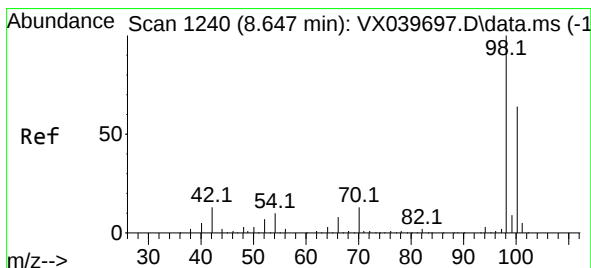
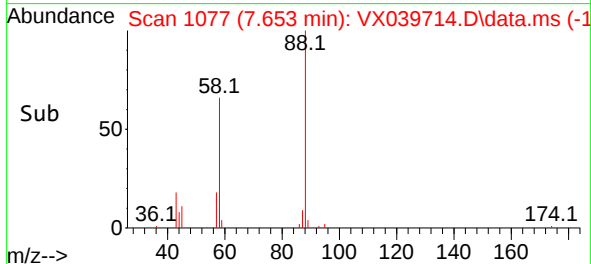
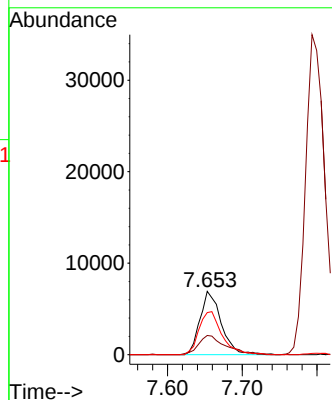
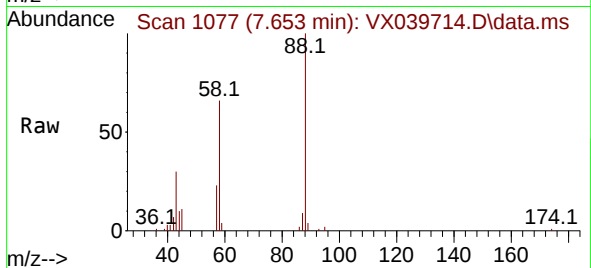
Tgt Ion: 88 Resp: 13652
 Ion Ratio Lower Upper
 88 100
 43 38.3 0.0 0.0
 58 73.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#50

Toluene-d8

Concen: 45.454 ug/l

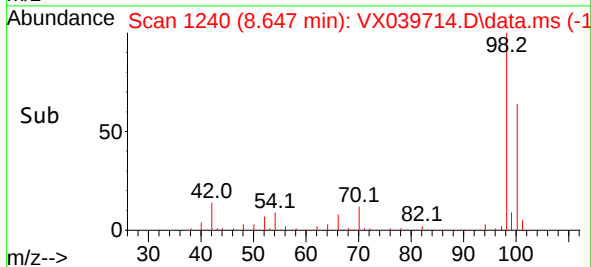
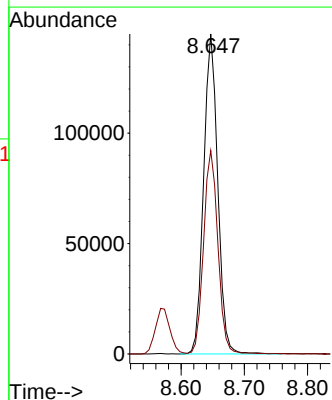
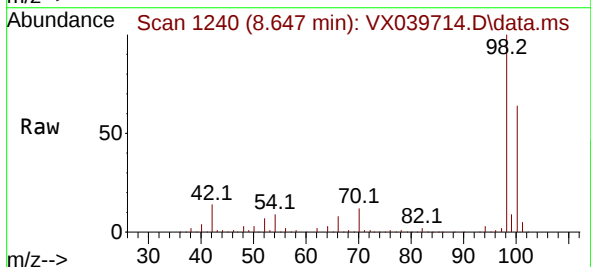
RT: 8.647 min Scan# 1240

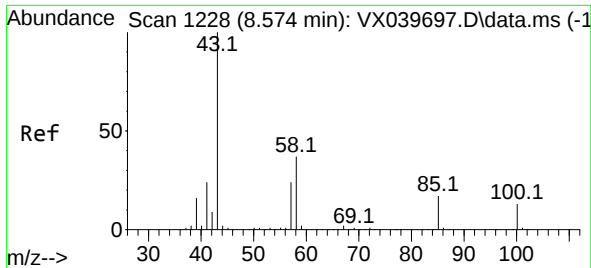
Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

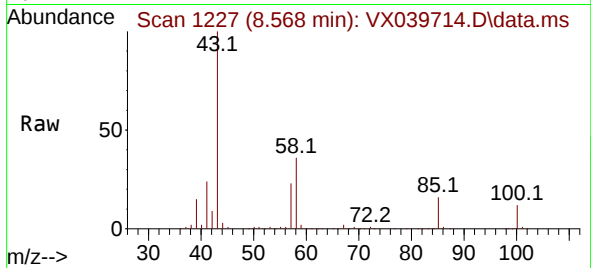
Tgt Ion: 98 Resp: 224912
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 93.267 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

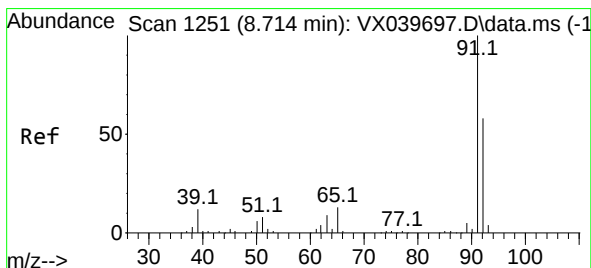
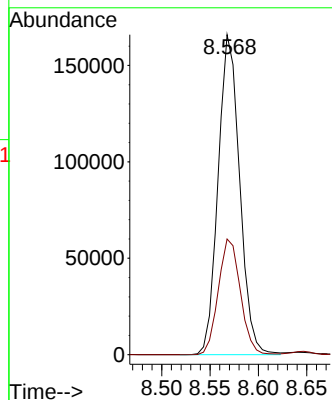
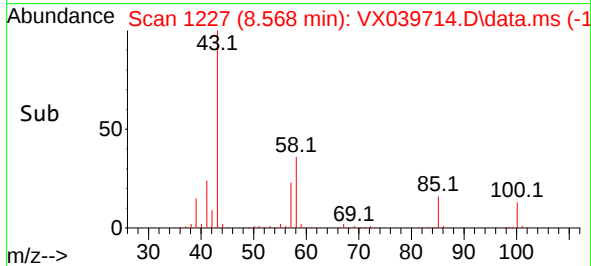
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 43 Resp: 25671
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

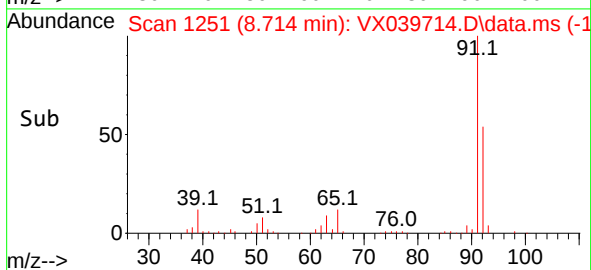
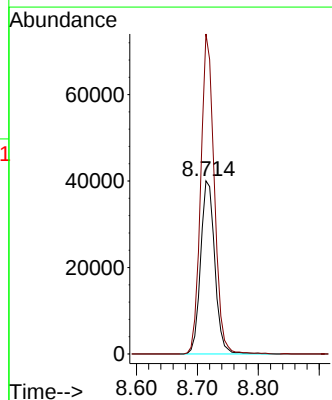
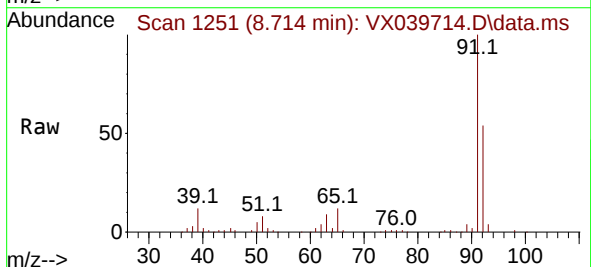
Manual Integrations
APPROVED

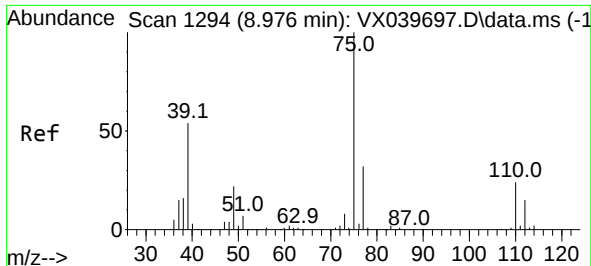
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#52
Toluene
Concen: 18.753 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 92 Resp: 64769
Ion Ratio Lower Upper
92 100
91 176.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.727 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion: 75 Resp: 3943

Ion Ratio Lower Upper

75 100

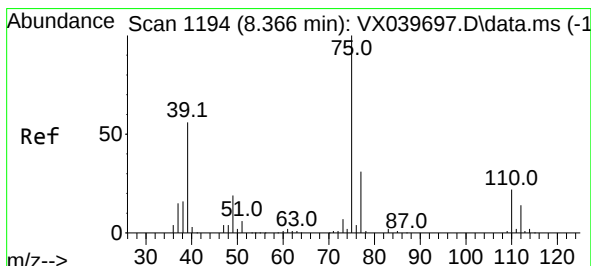
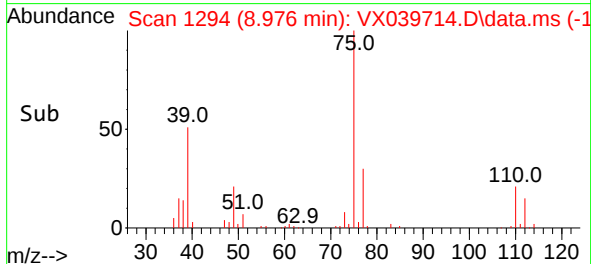
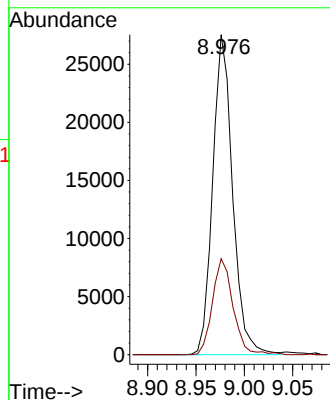
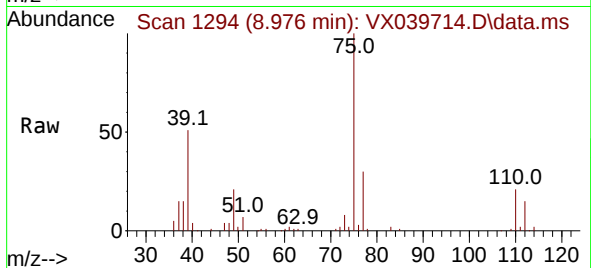
77 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#54

cis-1,3-Dichloropropene

Concen: 19.019 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

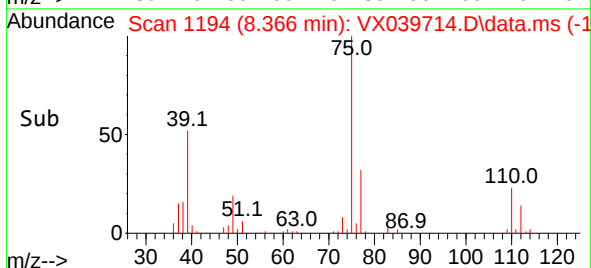
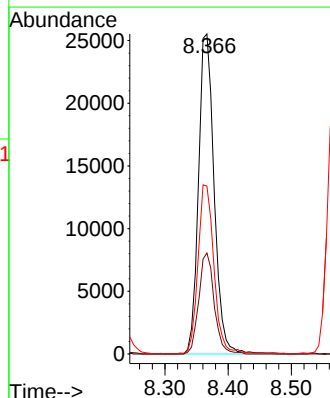
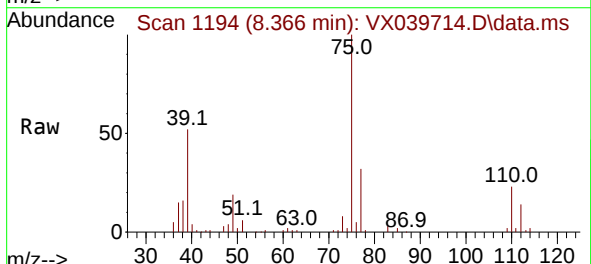
Tgt Ion: 75 Resp: 44035

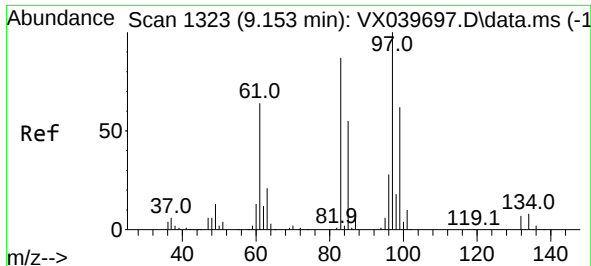
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 52.2 46.7 70.1





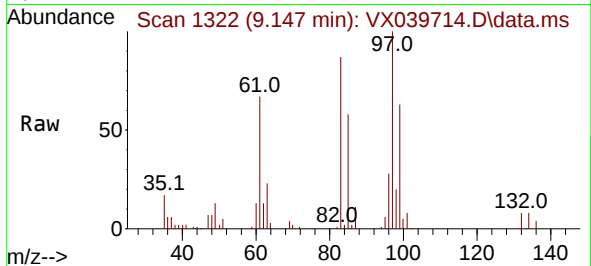
#55
1,1,2-Trichloroethane
Concen: 18.876 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01



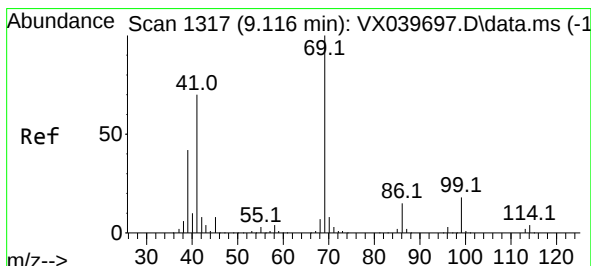
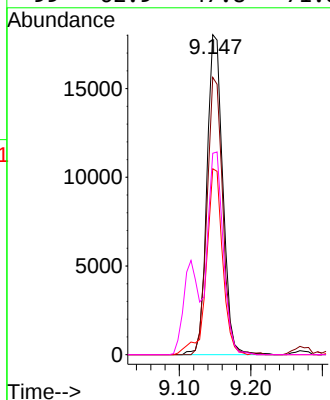
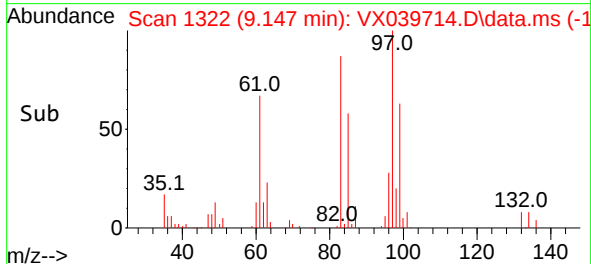
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.8
85	58.1	41.6	62.4
99	62.9	47.8	71.8

Manual Integrations

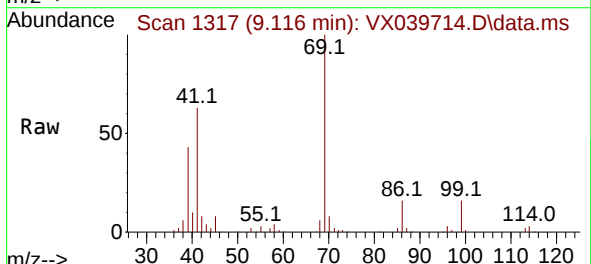
APPROVED

Reviewed By :John Carlone 01/12/2024

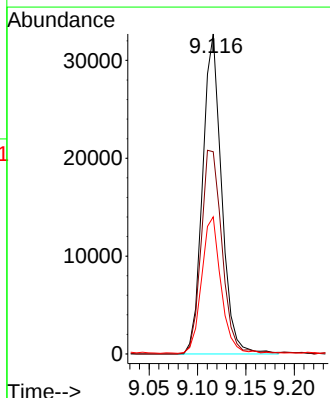
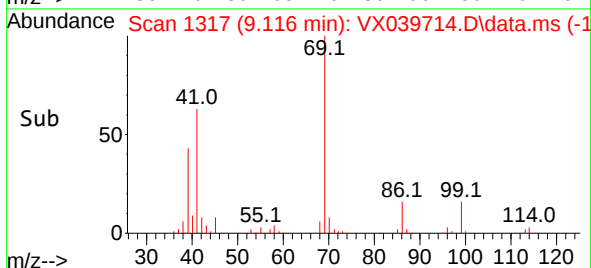
Supervised By :Semsettin Yesilyurt 01/12/2024

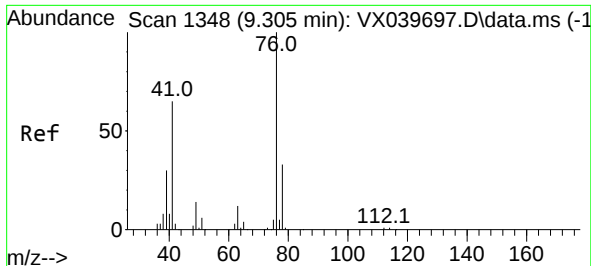


#56
Ethyl methacrylate
Concen: 18.852 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.8	85.2
39	43.9	32.0	48.0





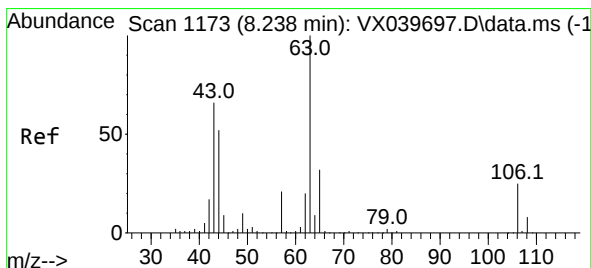
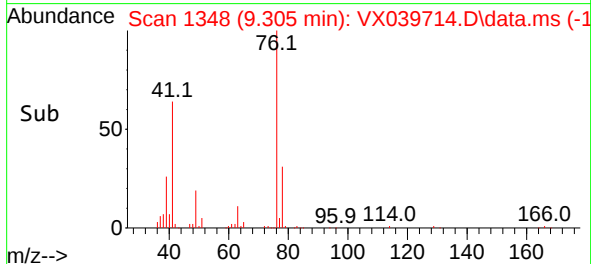
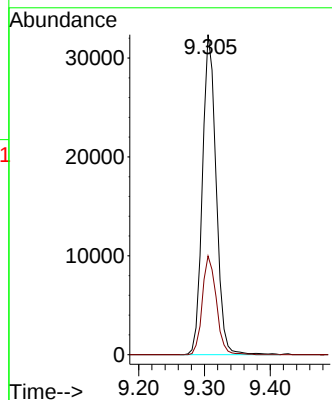
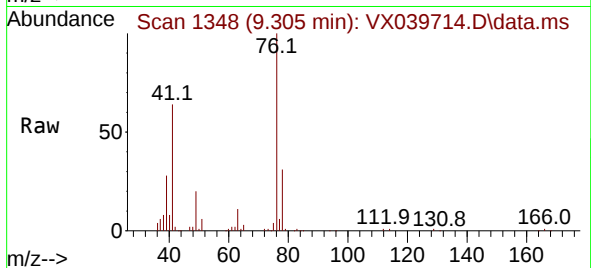
#57
1,3-Dichloropropane
Concen: 18.879 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 76 Resp: 47040
Ion Ratio Lower Upper
76 100
78 31.3 26.1 39.1

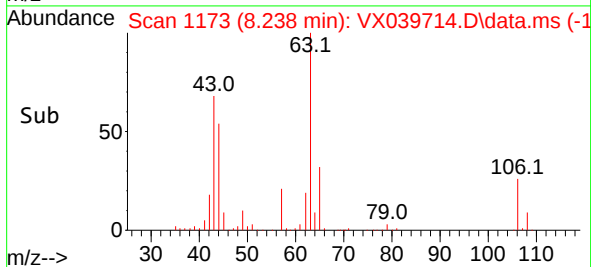
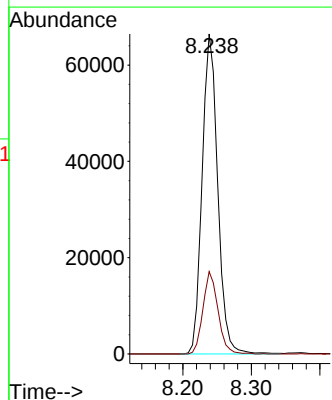
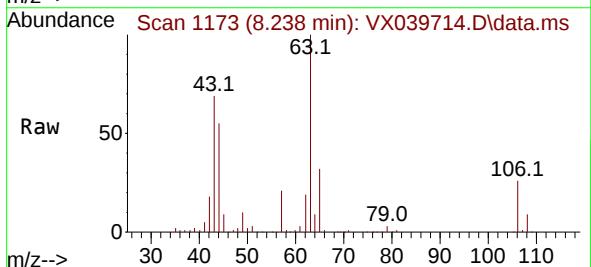
Manual Integrations
APPROVED

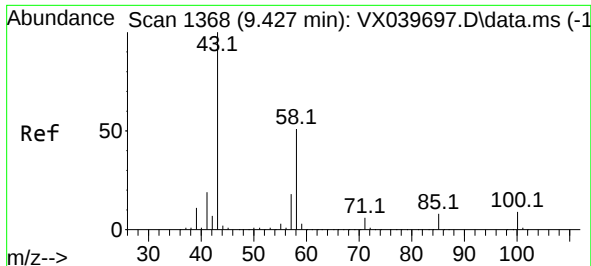
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 93.578 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

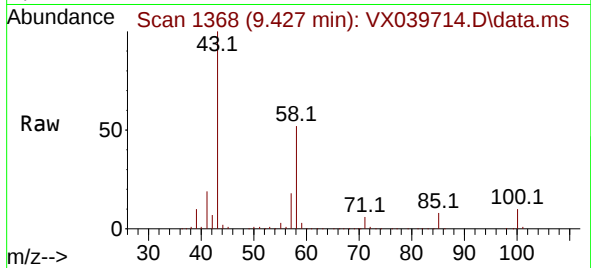
Tgt Ion: 63 Resp: 105271
Ion Ratio Lower Upper
63 100
106 24.9 22.5 33.7





#59
2-Hexanone
Concen: 94.651 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

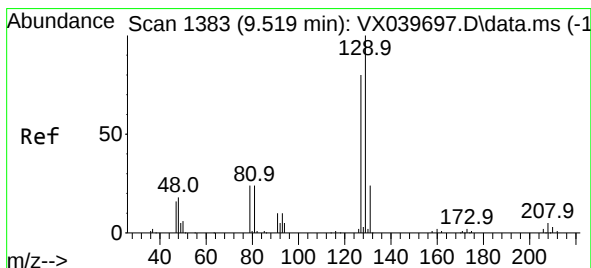
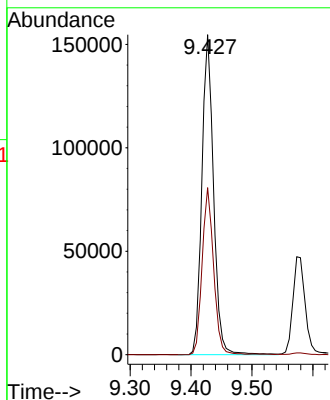
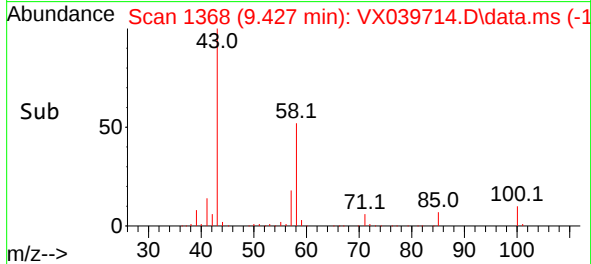
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion: 43 Resp: 20618
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5

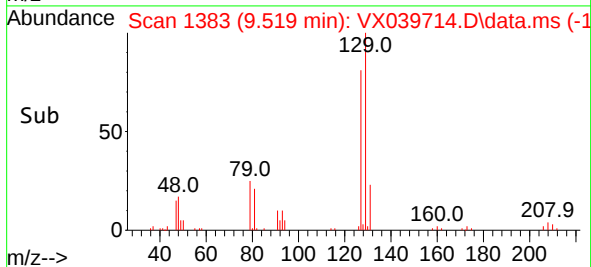
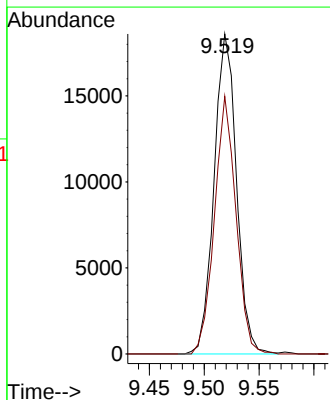
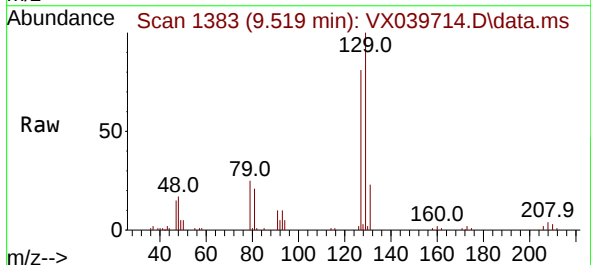
Manual Integrations
APPROVED

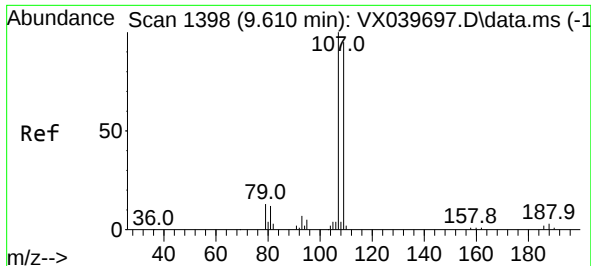
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#60
Dibromochloromethane
Concen: 19.101 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

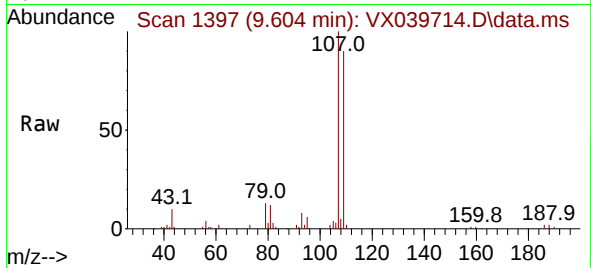
Tgt Ion:129 Resp: 26489
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.124 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

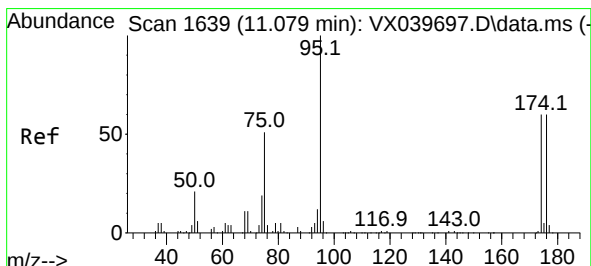
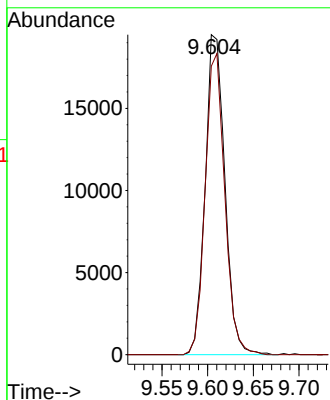
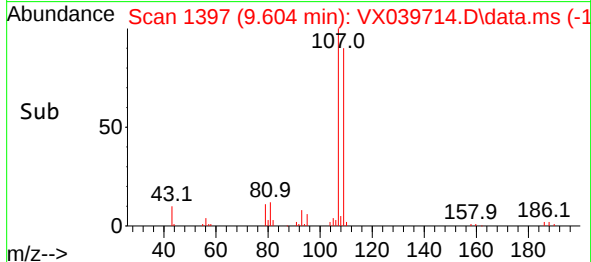
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:107 Resp: 2912
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

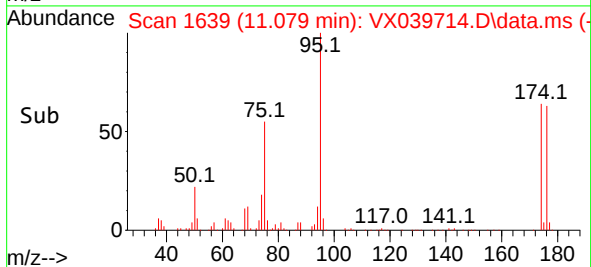
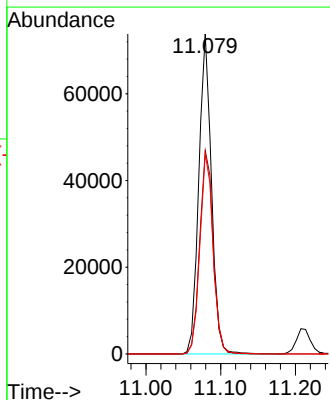
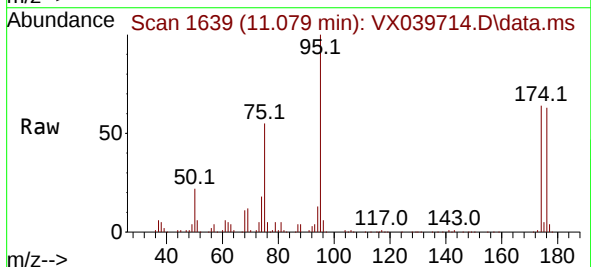
Manual Integrations
APPROVED

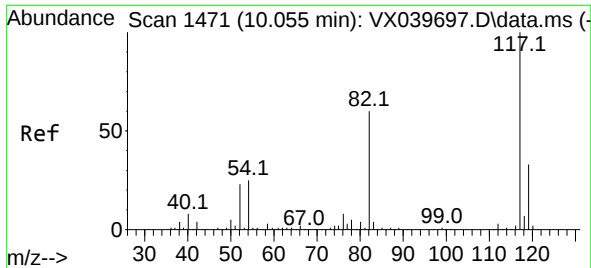
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#62
4-Bromofluorobenzene
Concen: 44.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

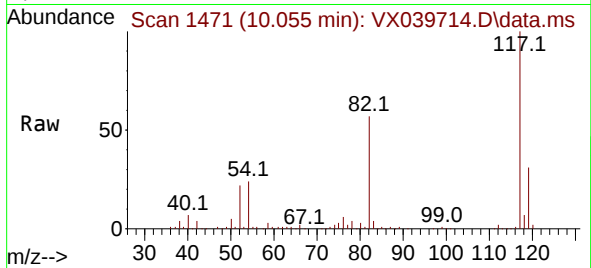
Tgt Ion: 95 Resp: 86637
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.6
176 65.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

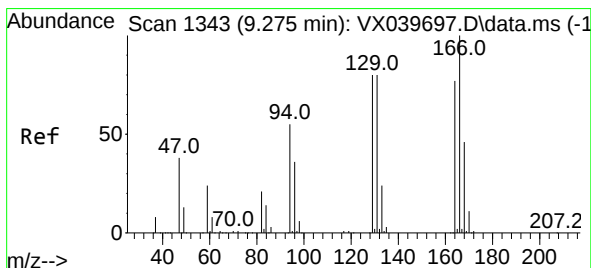
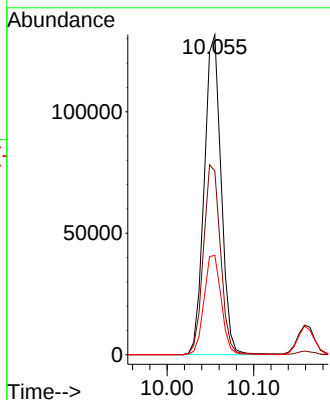
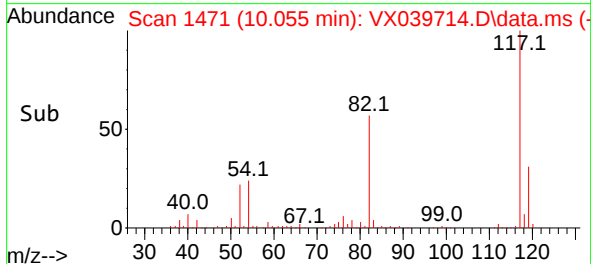
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:117 Resp: 178320
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.0 25.5 38.3

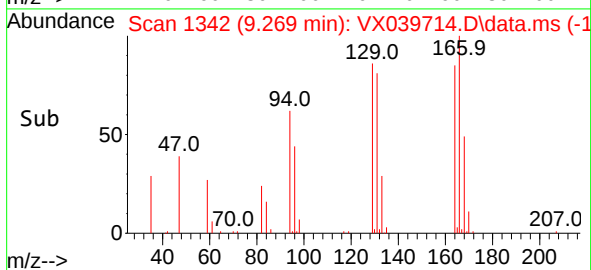
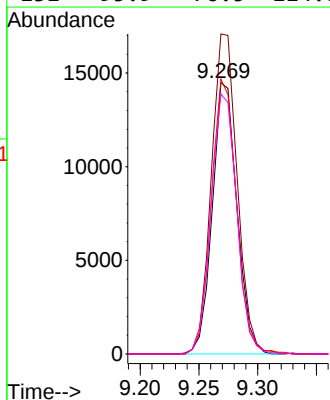
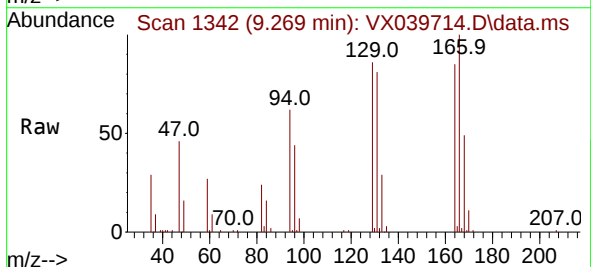
Manual Integrations
APPROVED

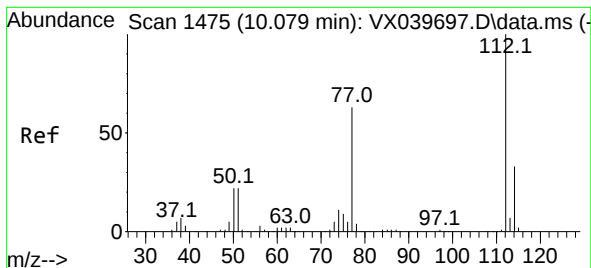
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#64
Tetrachloroethene
Concen: 18.242 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion:164 Resp: 21154
Ion Ratio Lower Upper
164 100
166 118.0 102.7 154.1
129 101.3 80.4 120.6
131 95.9 76.5 114.7





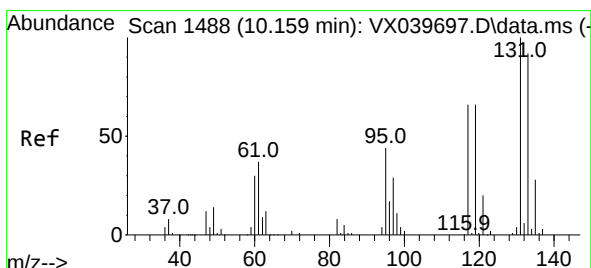
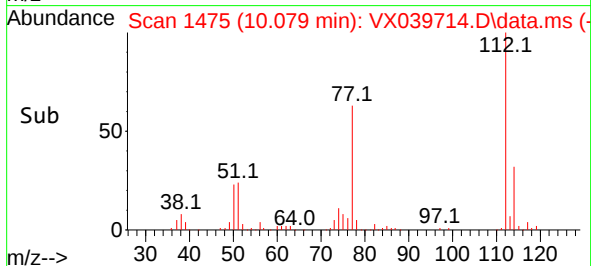
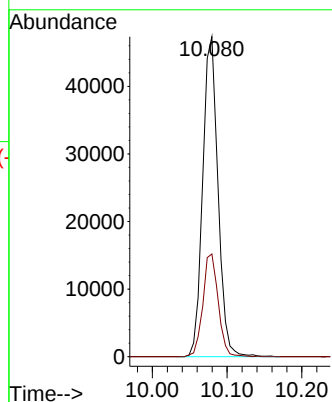
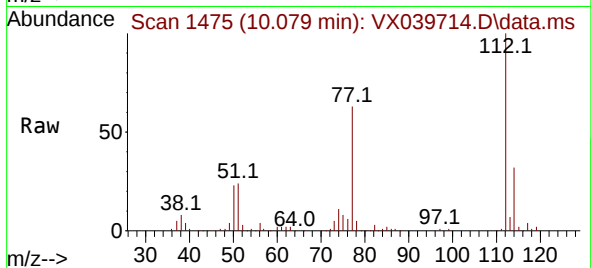
#65
Chlorobenzene
Concen: 18.117 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion:112 Resp: 67280
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

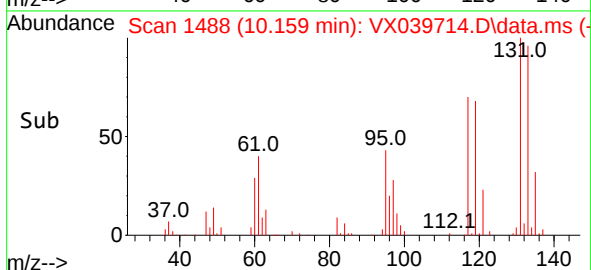
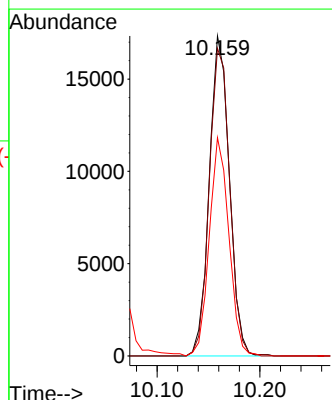
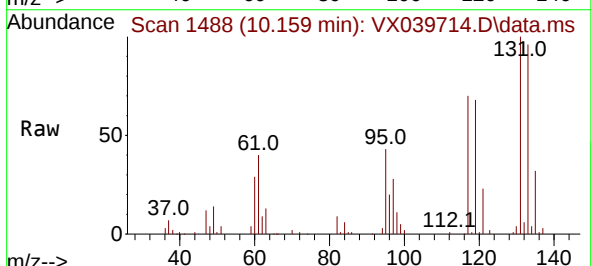
Manual Integrations
APPROVED

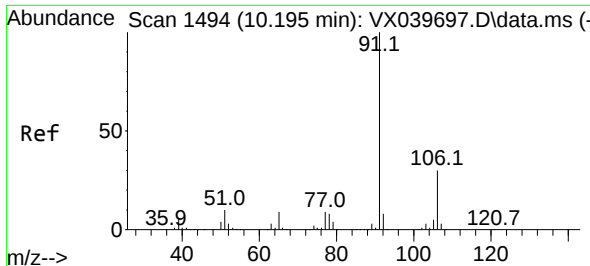
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.622 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion:131 Resp: 23550
Ion Ratio Lower Upper
131 100
133 97.9 47.1 141.4
119 66.4 32.2 96.6





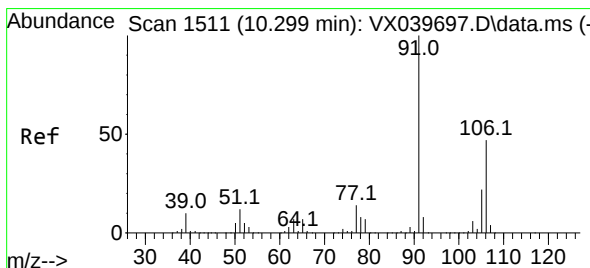
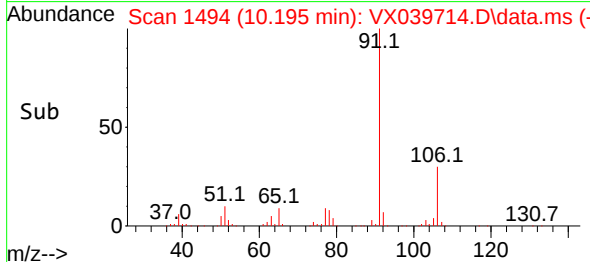
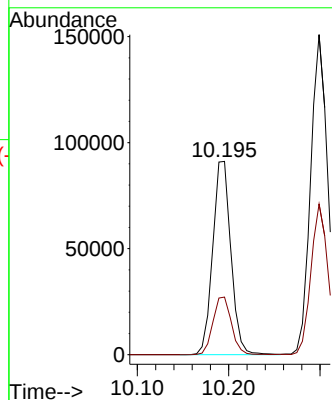
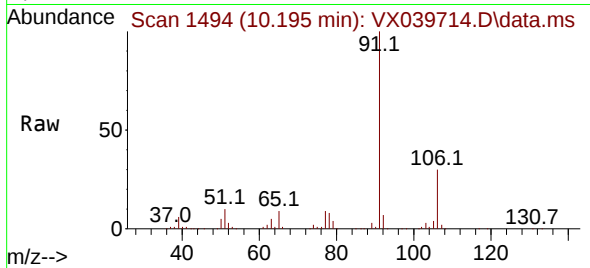
#67
Ethyl Benzene
Concen: 18.284 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 91 Resp: 126073
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

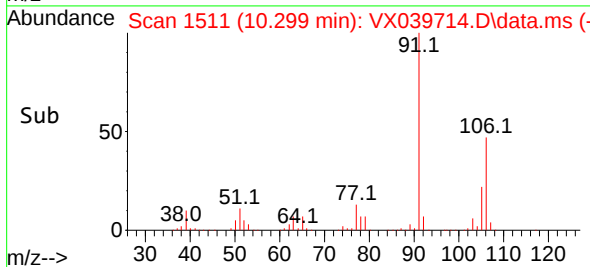
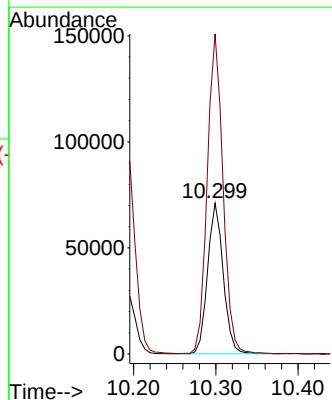
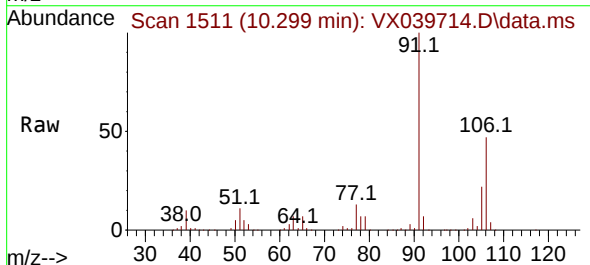
Manual Integrations
APPROVED

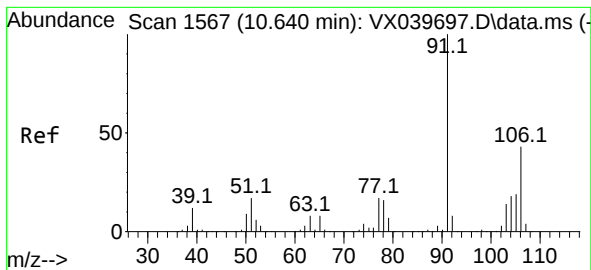
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
m/p-Xylenes
Concen: 37.053 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion:106 Resp: 93962
Ion Ratio Lower Upper
106 100
91 213.3 165.5 248.3





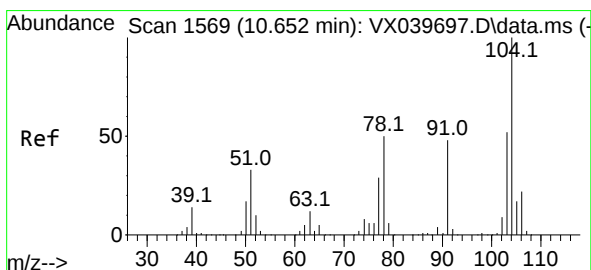
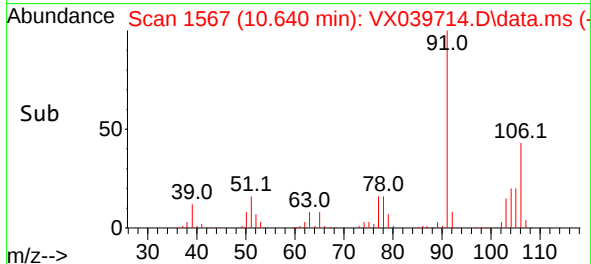
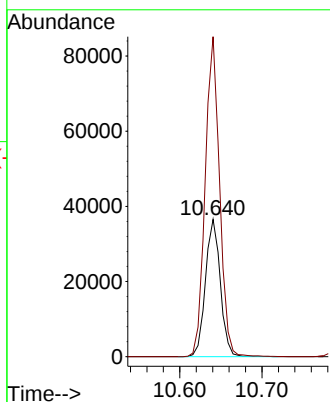
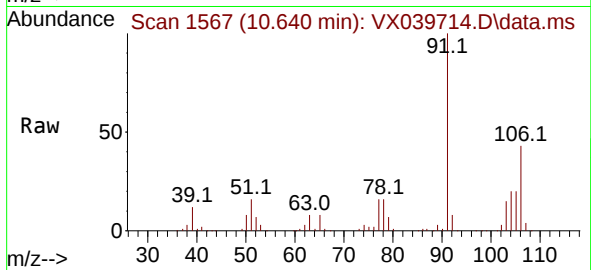
#69
o-Xylene
Concen: 18.265 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion:106 Resp: 45869
Ion Ratio Lower Upper
106 100
91 226.3 108.9 326.8

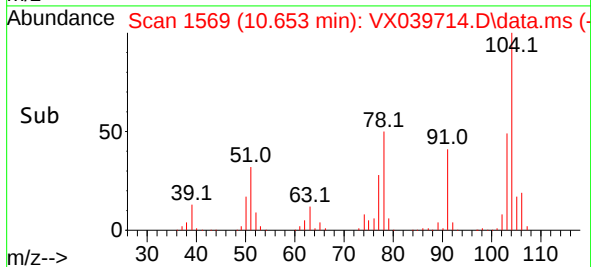
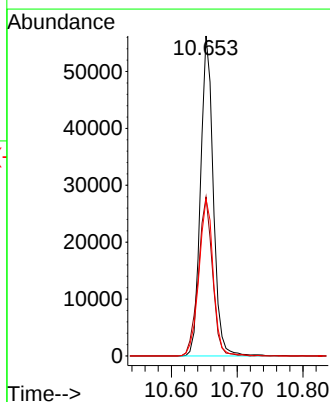
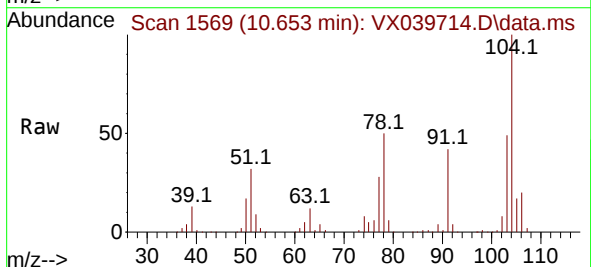
Manual Integrations
APPROVED

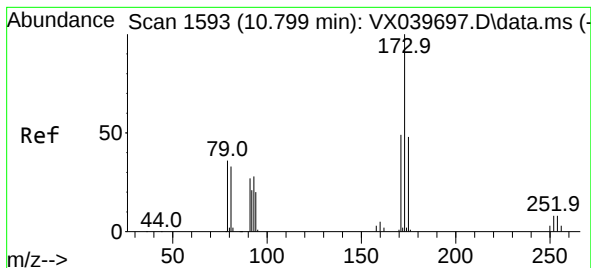
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#70
Styrene
Concen: 18.500 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

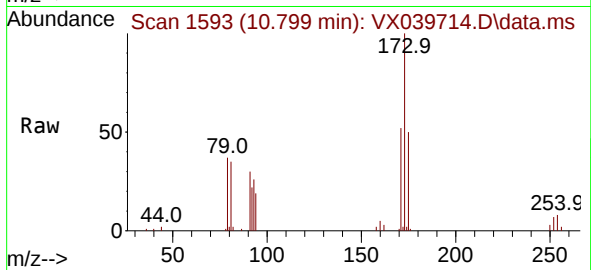
Tgt Ion:104 Resp: 75891
Ion Ratio Lower Upper
104 100
78 55.0 43.6 65.4
103 55.0 43.6 65.4





#71
Bromoform
Concen: 18.395 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

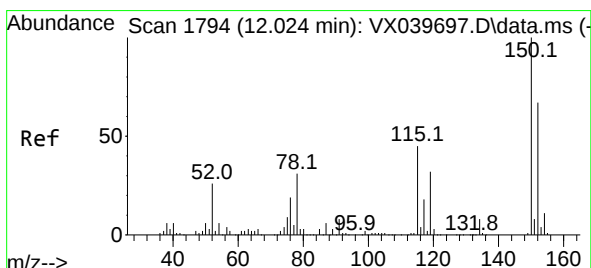
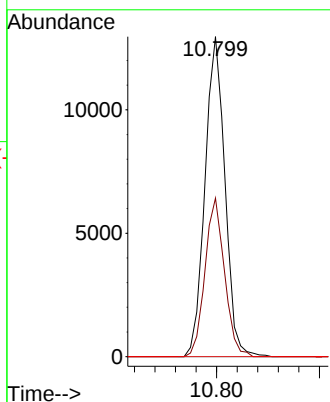
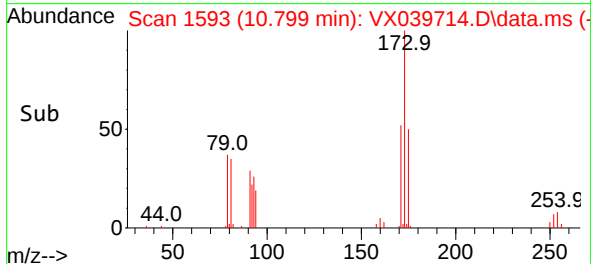
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:173 Resp: 1746
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

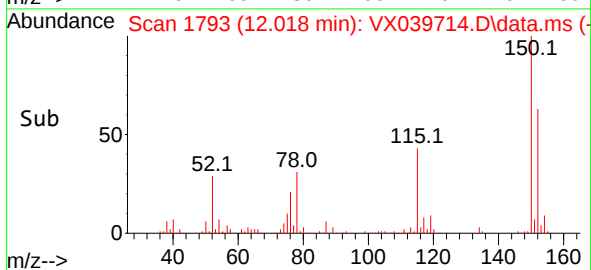
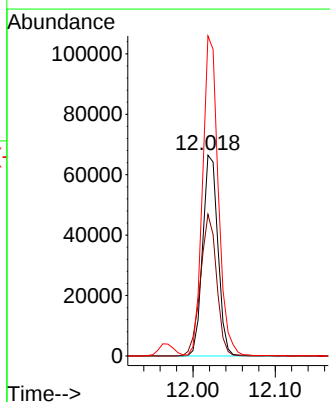
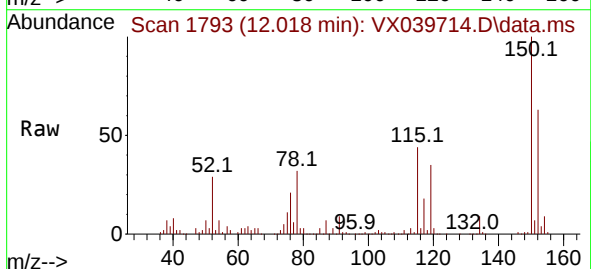
Manual Integrations
APPROVED

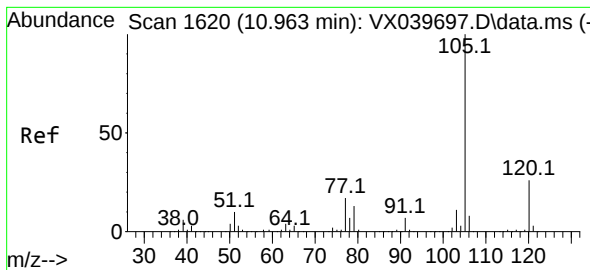
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

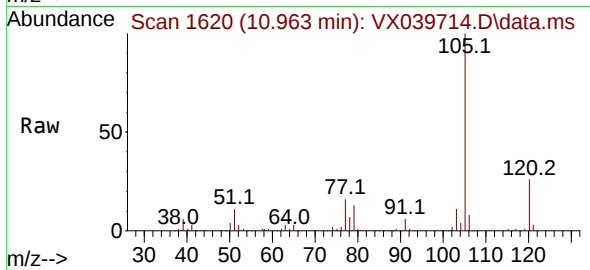
Tgt Ion:152 Resp: 85497
Ion Ratio Lower Upper
152 100
115 74.6 43.3 129.9
150 164.0 0.0 345.0





#73
Isopropylbenzene
Concen: 17.909 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

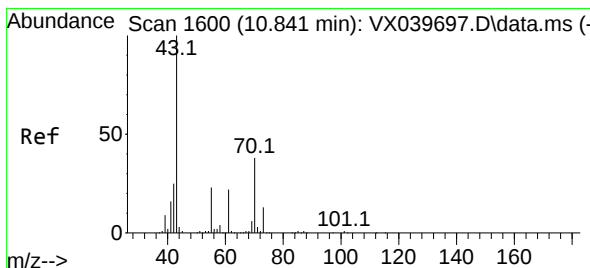
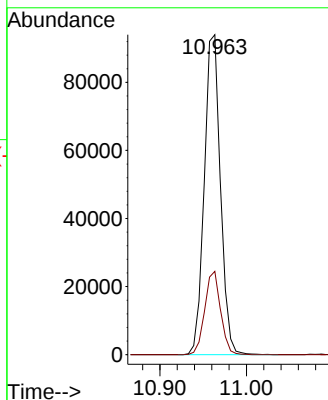
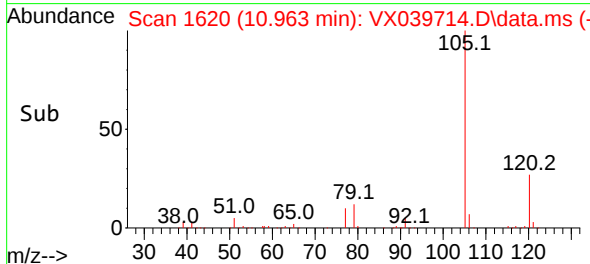
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:105 Resp: 121900
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

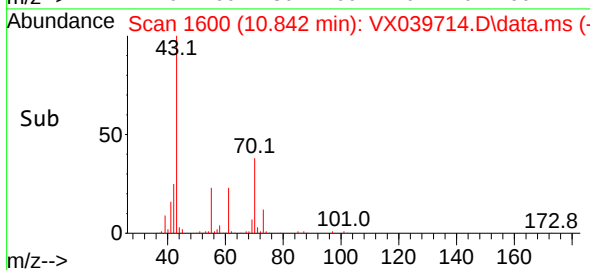
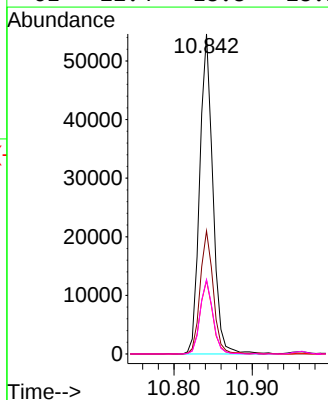
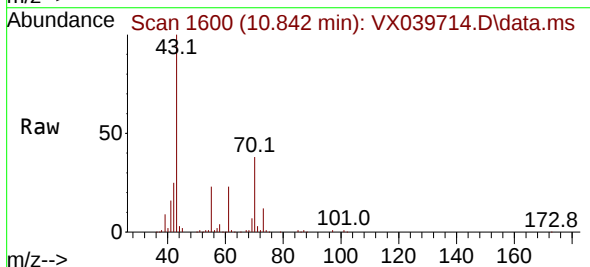
Manual Integrations
APPROVED

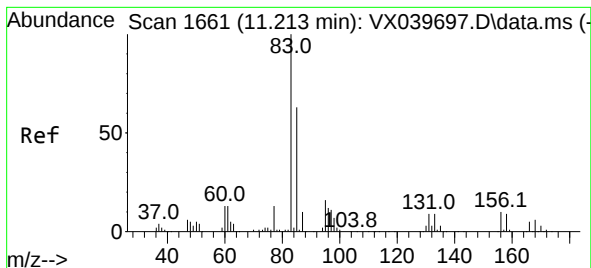
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#74
N-ethyl acetate
Concen: 17.974 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 43 Resp: 63775
Ion Ratio Lower Upper
43 100
70 38.0 32.9 49.3
55 22.5 19.3 28.9
61 22.4 18.8 28.2





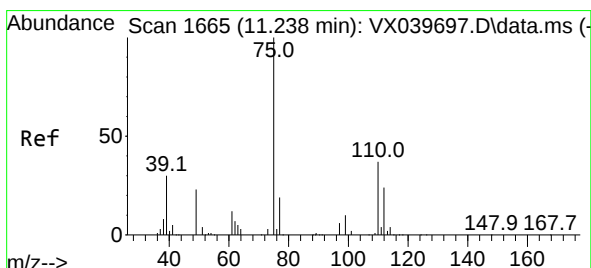
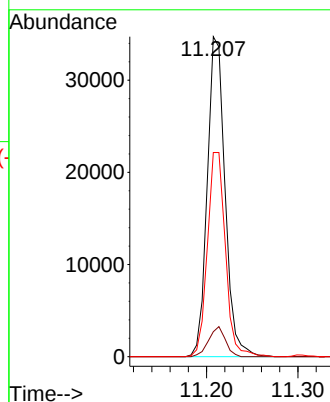
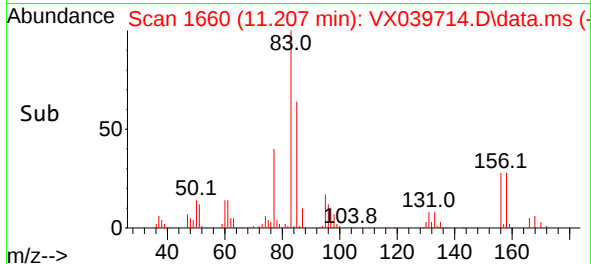
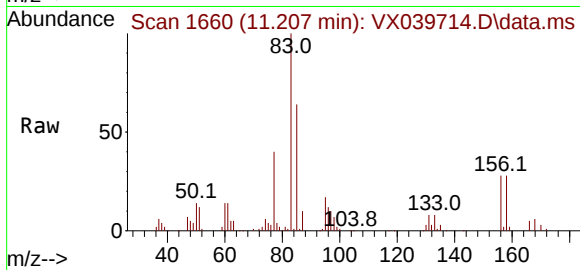
#75
1,1,2,2-Tetrachloroethane
Concen: 18.001 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 83 Resp: 46789
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.8
85 64.7 32.0 96.2

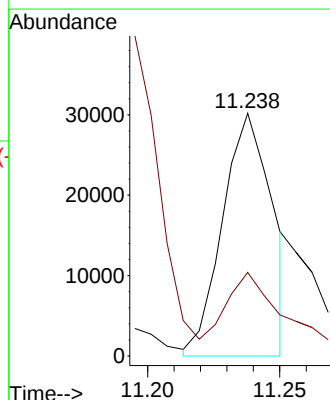
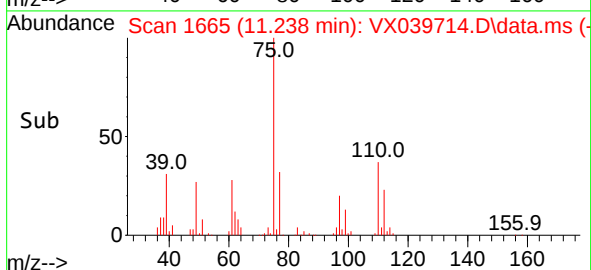
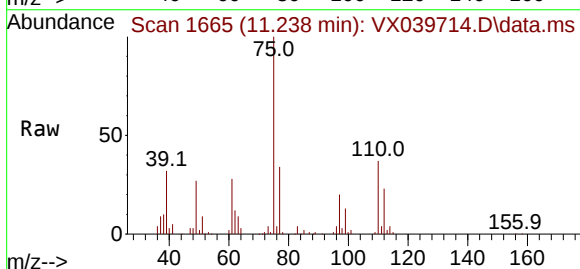
Manual Integrations
APPROVED

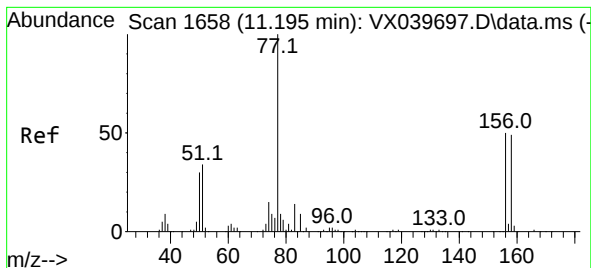
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,2,3-Trichloropropane
Concen: 17.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 75 Resp: 39332
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 17.951 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

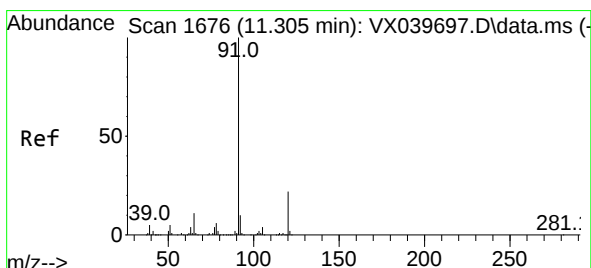
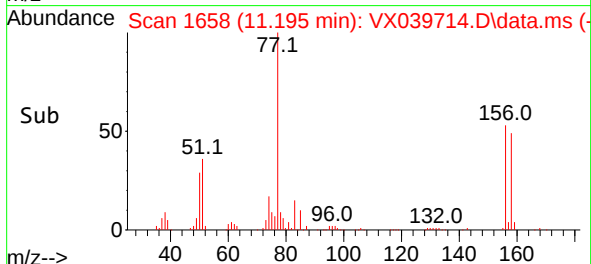
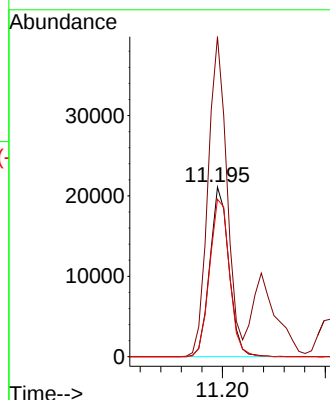
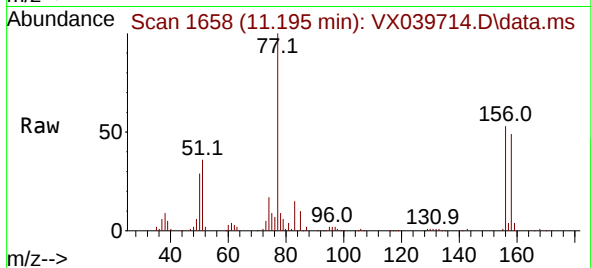
Tgt Ion:	156	Resp:	2720
Ion Ratio	Lower	Upper	
156	100		
77	187.2	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#78

n-propylbenzene

Concen: 18.235 ug/l

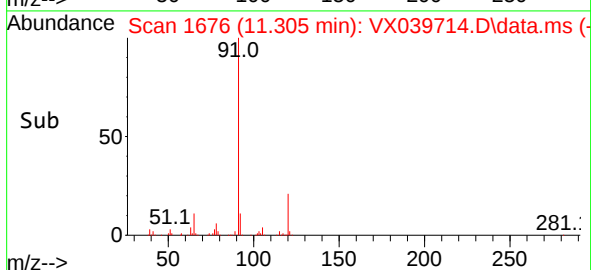
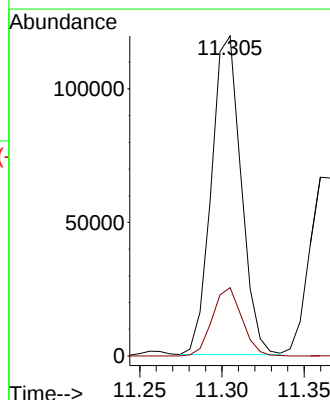
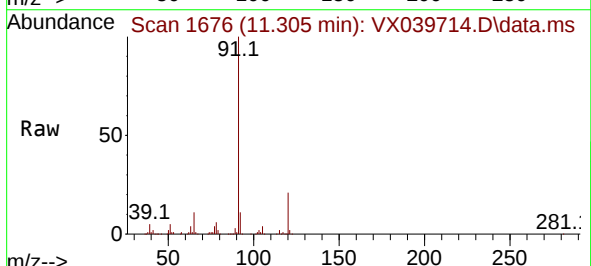
RT: 11.305 min Scan# 1676

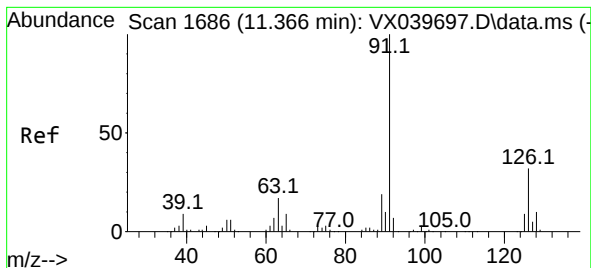
Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Tgt Ion:	91	Resp:	150230
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





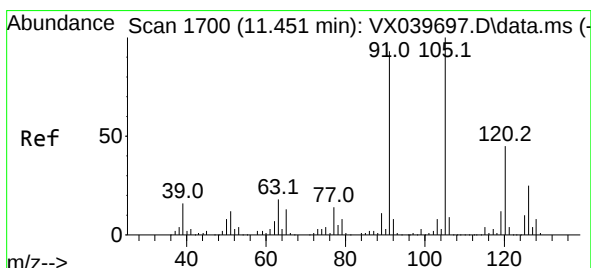
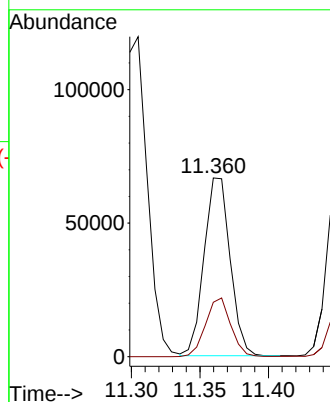
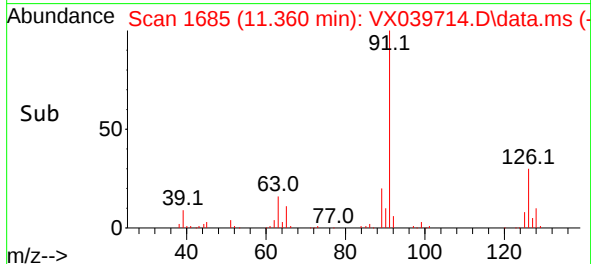
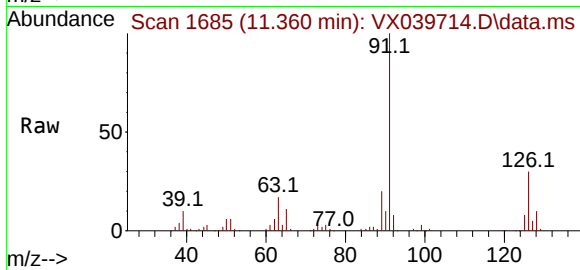
#79
2-Chlorotoluene
Concen: 17.314 ug/l
RT: 11.360 min Scan# 1136
Delta R.T. -0.006 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 91 Resp: 8816
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

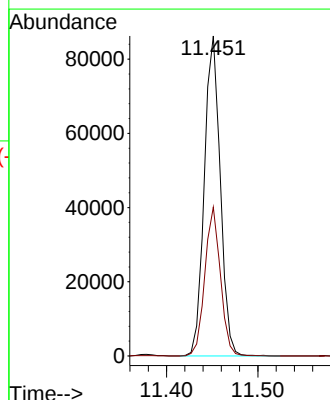
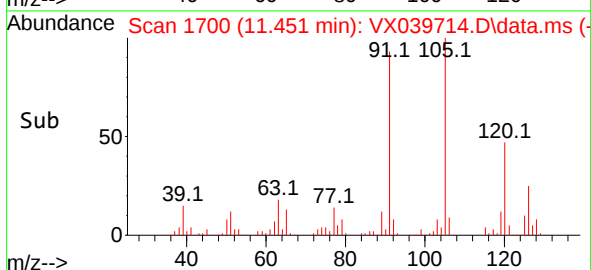
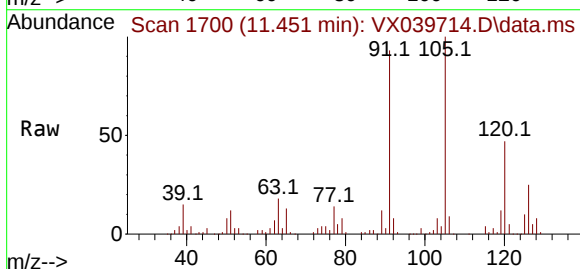
Manual Integrations
APPROVED

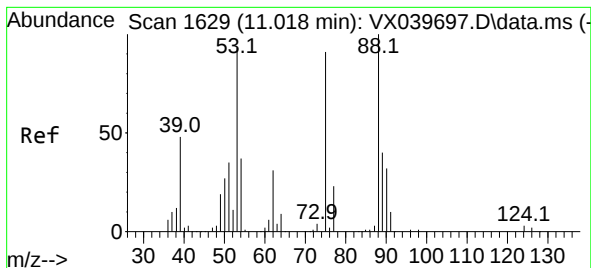
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.065 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion:105 Resp: 104439
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





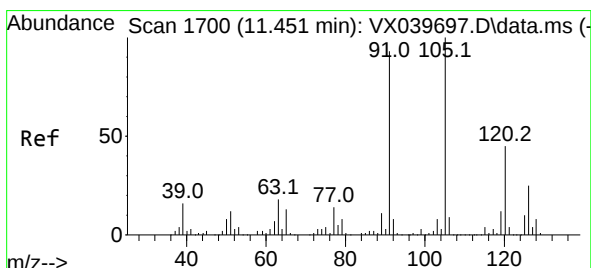
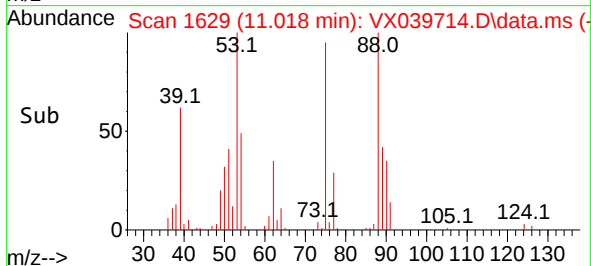
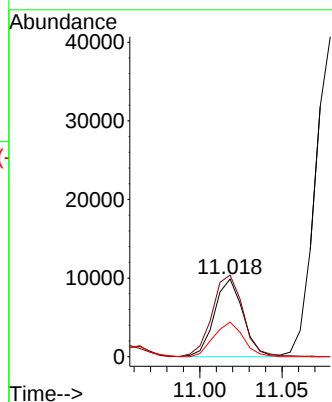
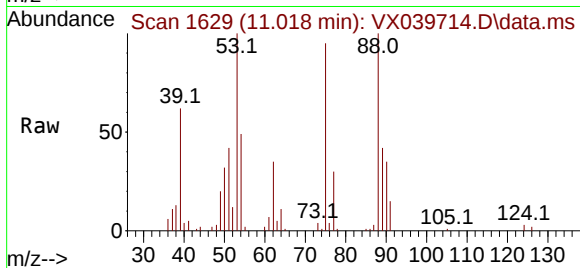
#81
trans-1,4-Dichloro-2-butene
Concen: 17.927 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

Tgt Ion: 75 Resp: 1201
Ion Ratio Lower Upper
75 100
53 113.4 90.5 135.7
89 45.4 36.9 55.3

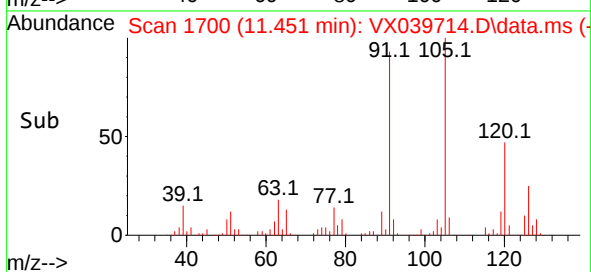
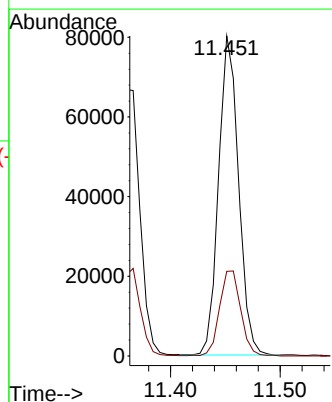
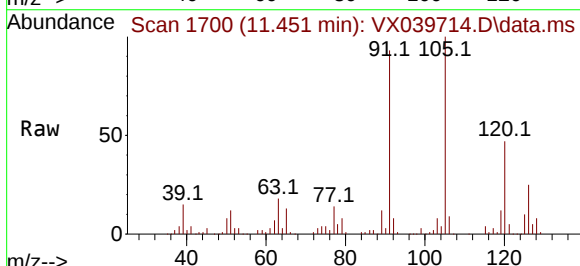
Manual Integrations
APPROVED

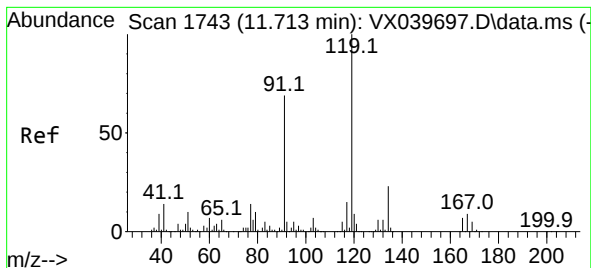
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#82
4-Chlorotoluene
Concen: 17.597 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion: 91 Resp: 101634
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.072 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

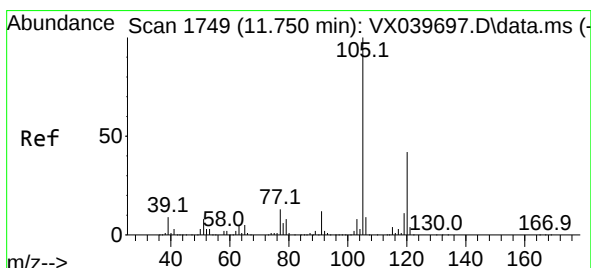
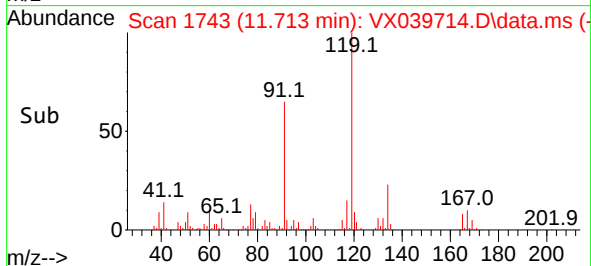
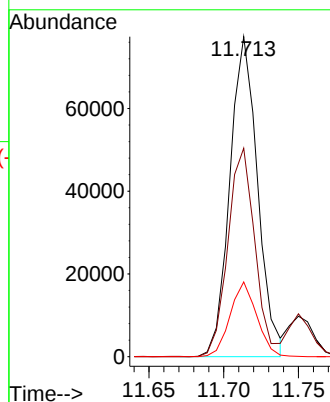
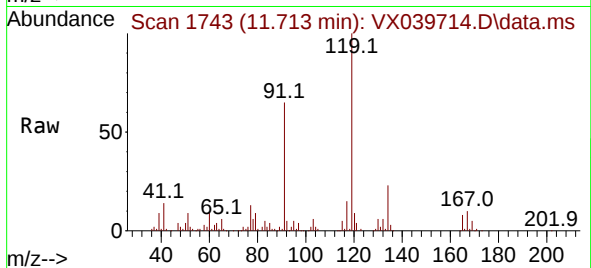
Tgt Ion:119 Resp: 99749
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.2 93.6
 134 22.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.195 ug/l

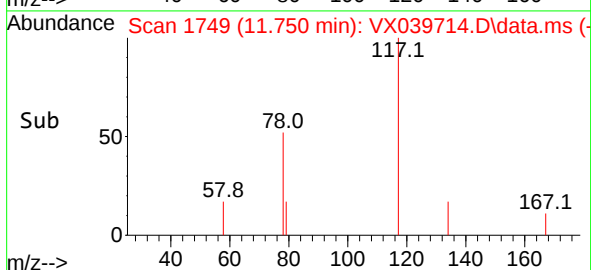
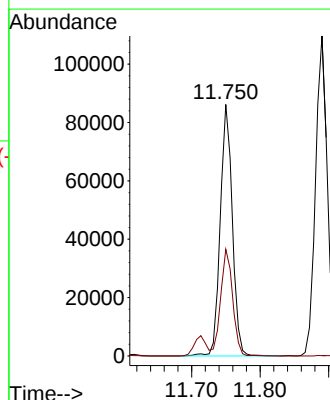
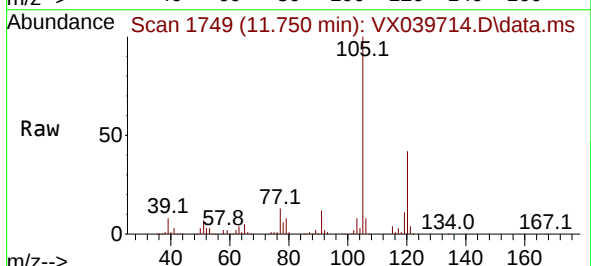
RT: 11.750 min Scan# 1749

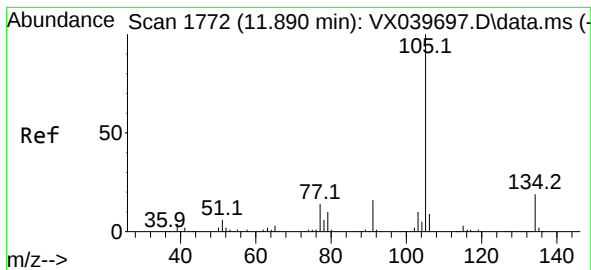
Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

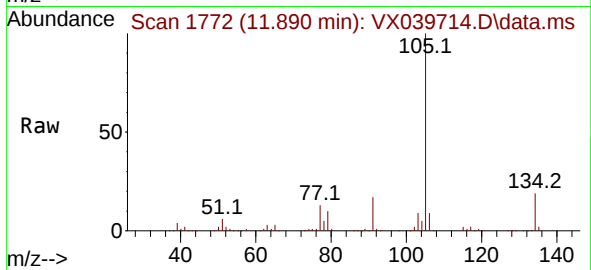
Tgt Ion:105 Resp: 104943
 Ion Ratio Lower Upper
 105 100
 120 42.2 21.2 63.6





#85
sec-Butylbenzene
Concen: 18.247 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

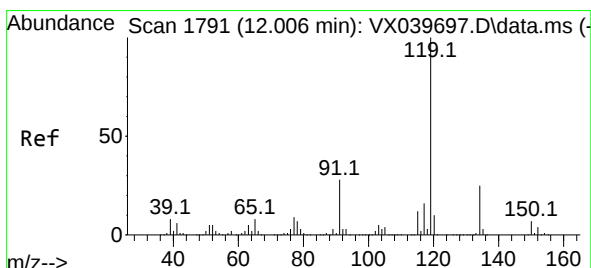
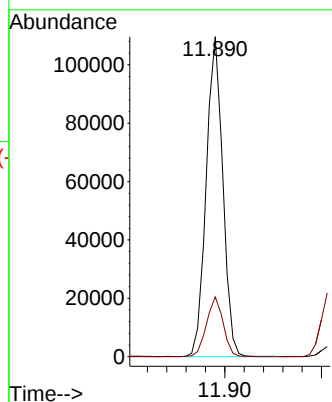
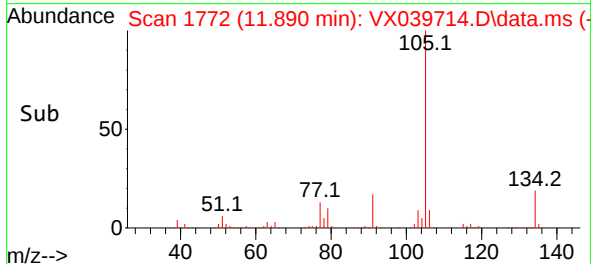
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



Tgt Ion:105 Resp: 130738
Ion Ratio Lower Upper
105 100
134 18.8 9.8 29.4

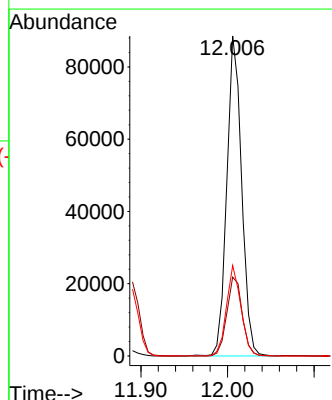
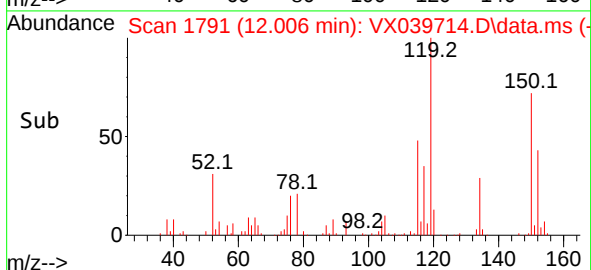
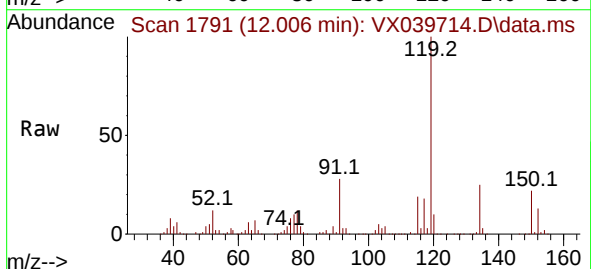
Manual Integrations
APPROVED

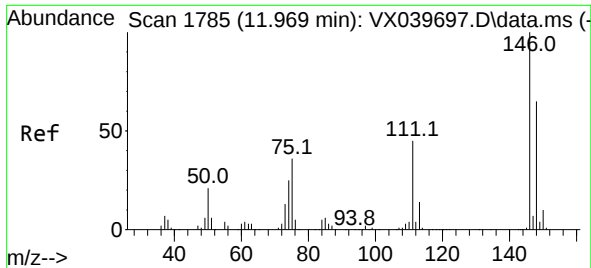
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#86
p-Isopropyltoluene
Concen: 18.382 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

Tgt Ion:119 Resp: 105261
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.3
91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.049 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion:146 Resp: 5243

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.1

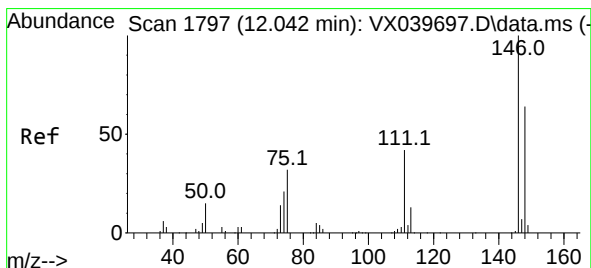
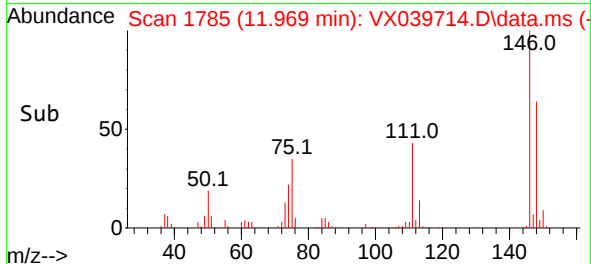
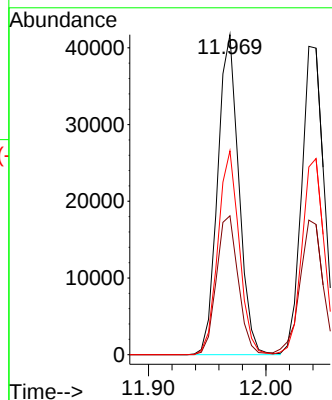
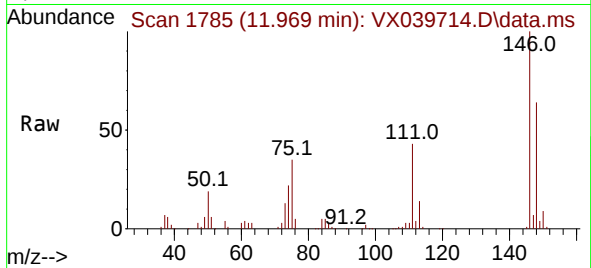
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#88

1,4-Dichlorobenzene

Concen: 17.837 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

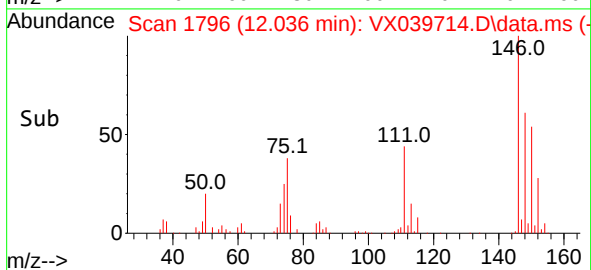
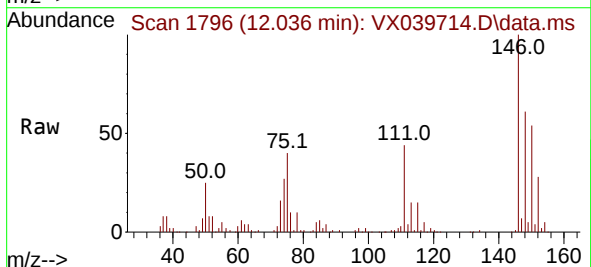
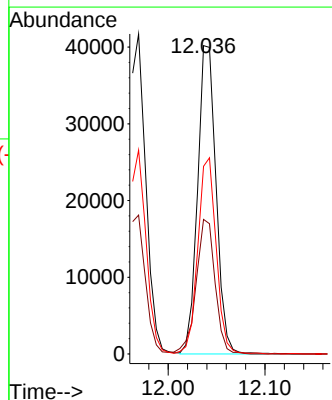
Tgt Ion:146 Resp: 53523

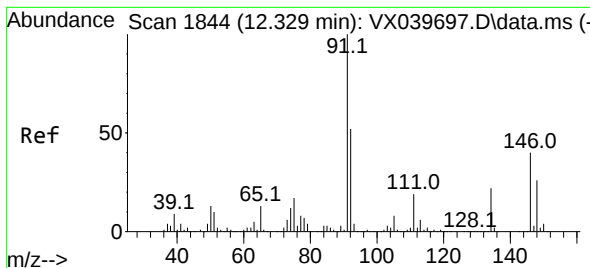
Ion Ratio Lower Upper

146 100

111 44.8 21.3 63.7

148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 18.255 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion: 91 Resp: 10096

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.0

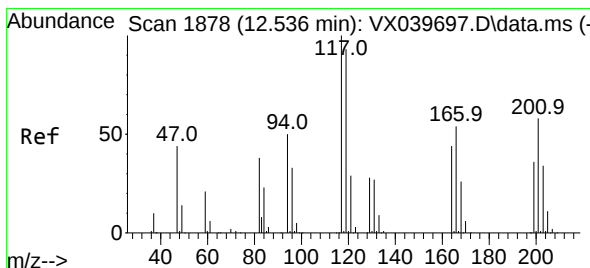
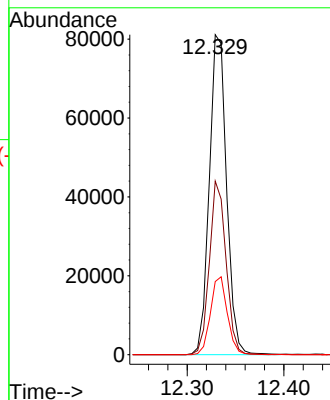
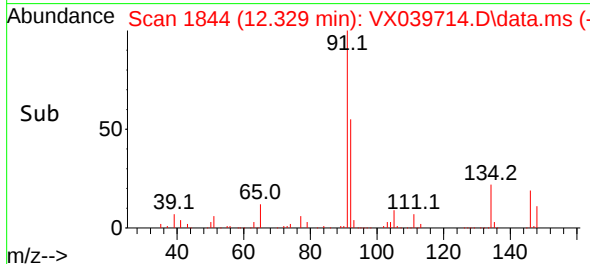
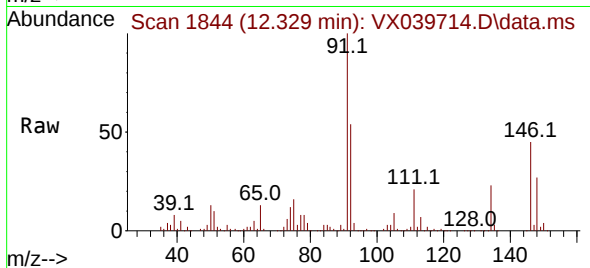
134 23.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#90

Hexachloroethane

Concen: 17.917 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039714.D

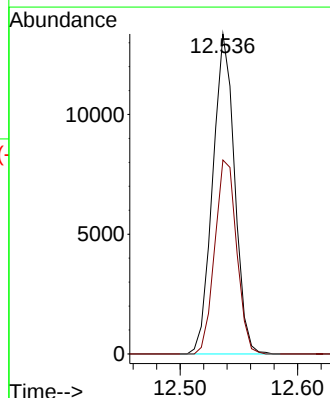
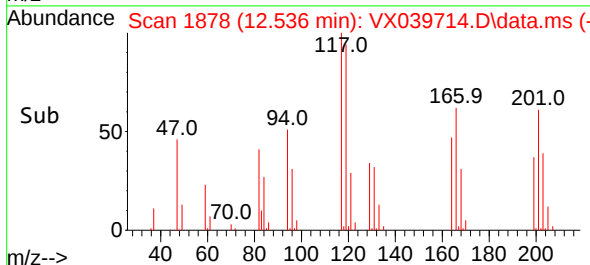
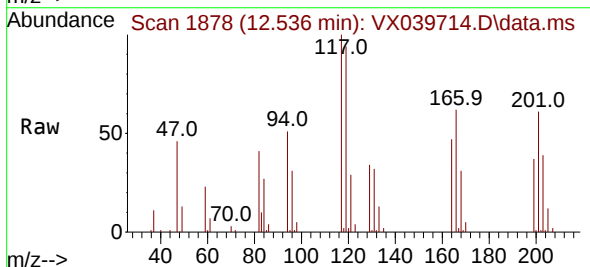
Acq: 11 Jan 2024 10:58

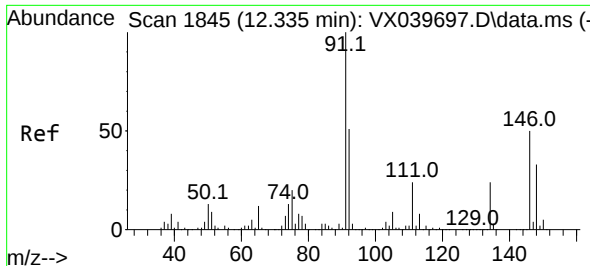
Tgt Ion:117 Resp: 17309

Ion Ratio Lower Upper

117 100

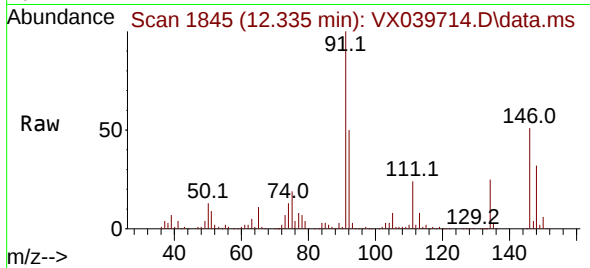
201 60.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.242 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58

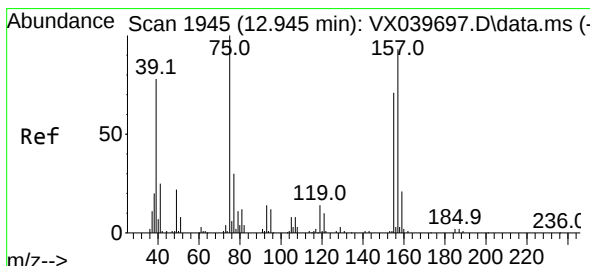
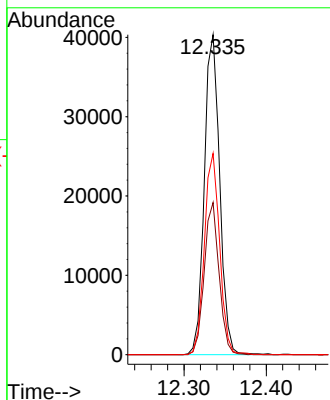
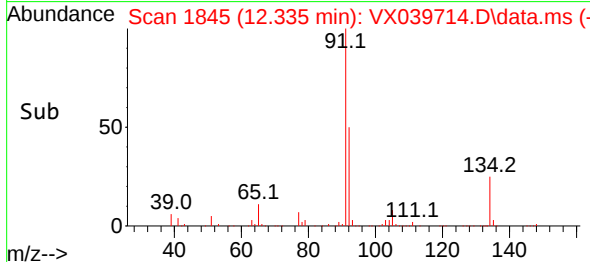
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01



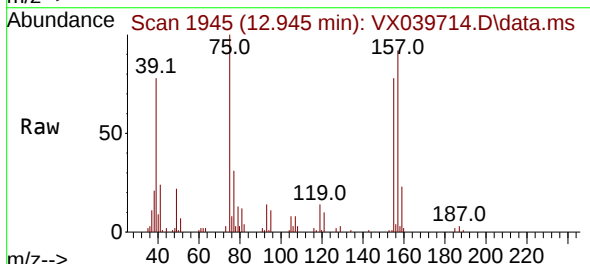
Tgt Ion:146 Resp: 5239
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 62.3 31.6 95.0

Manual Integrations
APPROVED

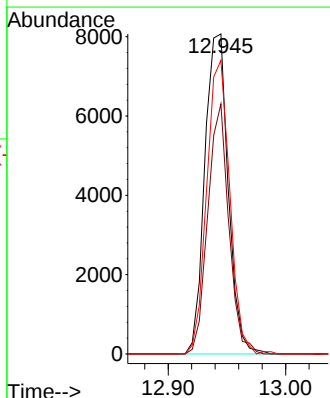
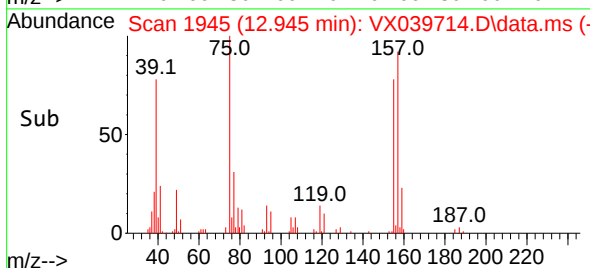
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

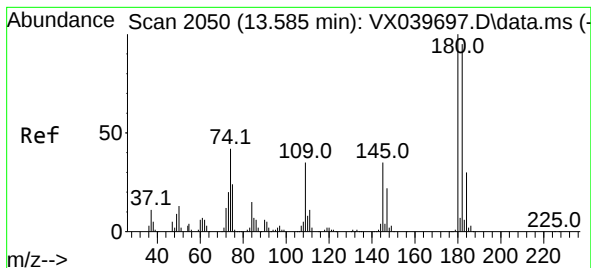


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.525 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX039714.D
Acq: 11 Jan 2024 10:58



Tgt Ion: 75 Resp: 11162
Ion Ratio Lower Upper
75 100
155 70.3 36.1 108.5
157 90.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.323 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

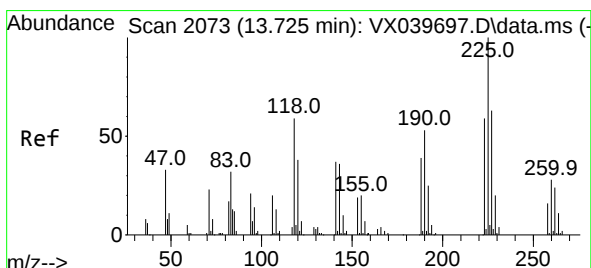
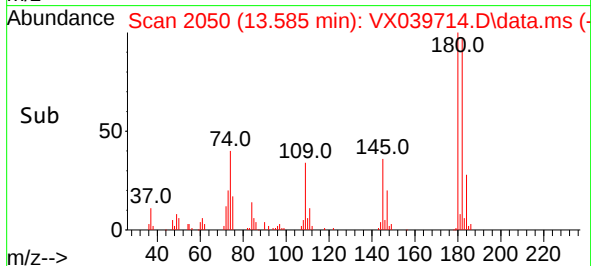
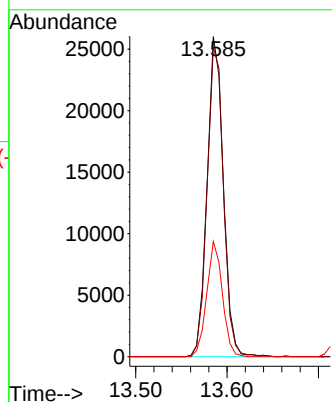
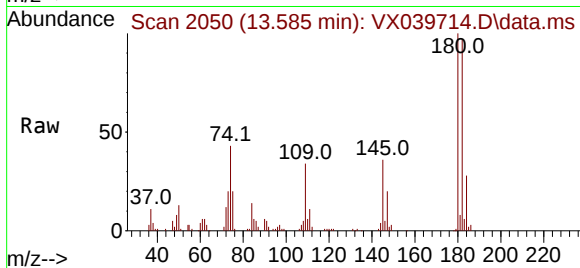
Tgt Ion:180	Resp:	3216
Ion Ratio	Lower	Upper
180	100	
182	97.8	48.3 144.8
145	34.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#94

Hexachlorobutadiene

Concen: 19.077 ug/l

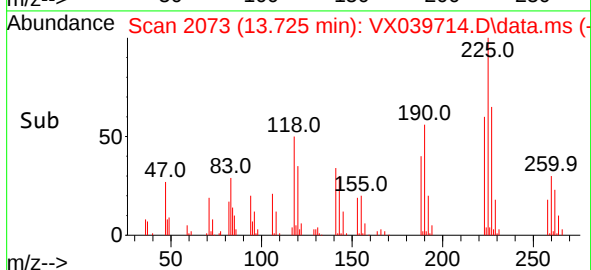
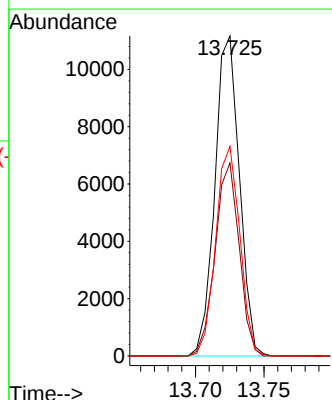
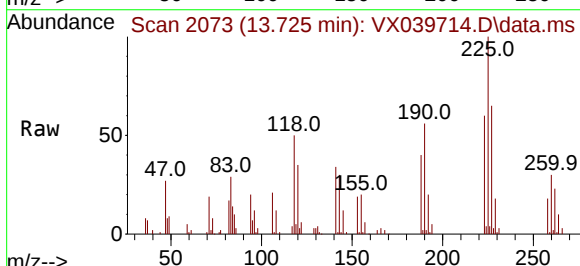
RT: 13.725 min Scan# 2073

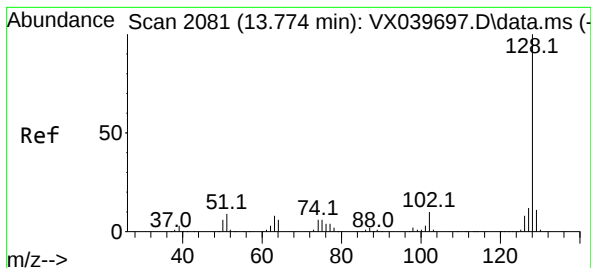
Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Tgt Ion:225	Resp:	13919
Ion Ratio	Lower	Upper
225	100	
223	59.0	31.1 93.2
227	64.3	32.5 97.5





#95

Naphthalene

Concen: 18.204 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion:128 Resp: 11762

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

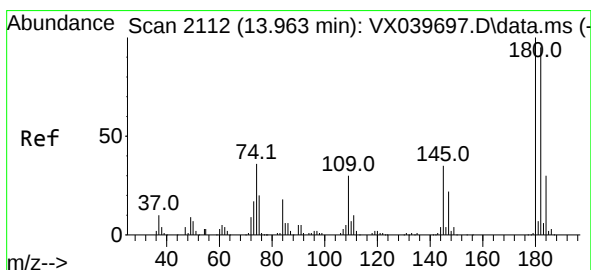
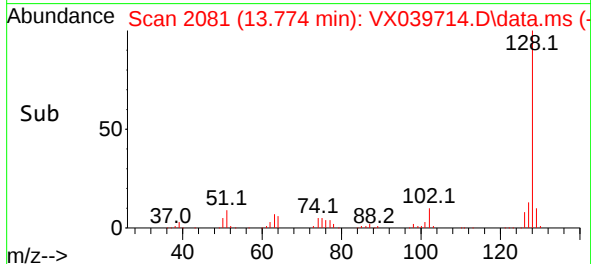
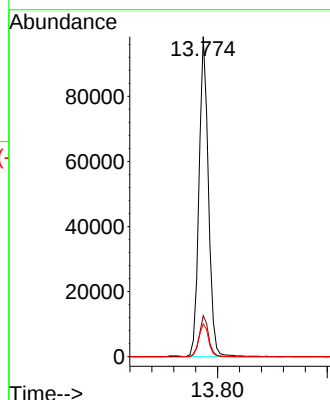
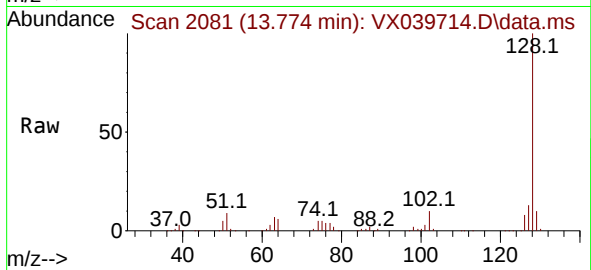
129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.212 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039714.D

Acq: 11 Jan 2024 10:58

Tgt Ion:180 Resp: 32261

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 36.3 17.8 53.5

