

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034714.D
 Acq On : 24 Mar 2023 12:09
 Operator : JC/MD
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 27 01:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	372799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	610123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	291204	53.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.380%			
35) Dibromofluoromethane	5.379	113	214968	53.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	8.647	98	752501	50.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.079	95	308694	50.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	88178	25.372	ug/l	98
3) Chloromethane	1.295	50	97613	17.693	ug/l	96
4) Vinyl Chloride	1.374	62	97587	20.622	ug/l	93
5) Bromomethane	1.618	94	62092	26.005	ug/l	99
6) Chloroethane	1.691	64	57325	21.039	ug/l	99
7) Trichlorofluoromethane	1.886	101	143497	20.181	ug/l	98
8) Diethyl Ether	2.130	74	56947	21.939	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	84247	20.330	ug/l	98
10) Methyl Iodide	2.453	142	102128	18.771	ug/l	93
11) Tert butyl alcohol	3.002	59	110548m	97.882	ug/l	
12) 1,1-Dichloroethene	2.319	96	76368	18.712	ug/l	95
13) Acrolein	2.239	56	65665	73.495	ug/l	99
14) Allyl chloride	2.666	41	154279	18.646	ug/l	96
15) Acrylonitrile	3.063	53	245856	100.773	ug/l	99
16) Acetone	2.386	43	230729	90.315	ug/l	94
17) Carbon Disulfide	2.514	76	183881	16.010	ug/l	99
18) Methyl Acetate	2.703	43	182249	21.833	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	313328	21.443	ug/l	96
20) Methylene Chloride	2.788	84	91477	18.450	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	85687	19.770	ug/l	96
22) Diisopropyl ether	3.757	45	318057	20.162	ug/l	92
23) Vinyl Acetate	3.715	43	1192616	99.335	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165726	19.543	ug/l	99
25) 2-Butanone	4.556	43	356206	97.445	ug/l	99
26) 2,2-Dichloropropane	4.471	77	142968	19.396	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	101357	19.426	ug/l	97
28) Bromochloromethane	4.898	49	76042	19.286	ug/l	100
29) Tetrahydrofuran	5.007	42	227616	100.910	ug/l	99
30) Chloroform	5.093	83	174478	20.990	ug/l	99
31) Cyclohexane	5.465	56	148600	19.537	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	152632	20.742	ug/l	99
36) 1,1-Dichloropropene	5.690	75	127953	20.680	ug/l	99
37) Ethyl Acetate	4.709	43	137372	20.323	ug/l	98
38) Carbon Tetrachloride	5.678	117	128977	20.954	ug/l	98
39) Methylcyclohexane	7.379	83	145742	19.683	ug/l	93
40) Benzene	6.031	78	360621	19.924	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78808	21.274	ug/l	97
42) 1,2-Dichloroethane	6.080	62	152992	22.999	ug/l	99
43) Isopropyl Acetate	6.330	43	231903	20.252	ug/l	99
44) Trichloroethene	7.123	130	92853	19.744	ug/l	97
45) 1,2-Dichloropropane	7.428	63	95404	20.187	ug/l	98
46) Dibromomethane	7.580	93	66691	20.757	ug/l	99
47) Bromodichloromethane	7.818	83	128735	20.702	ug/l	99
48) Methyl methacrylate	7.690	41	116828	21.213	ug/l	99
49) 1,4-Dioxane	7.708	88	48276	417.348	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	699826	105.352	ug/l	99
52) Toluene	8.714	92	229244	20.457	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	141150	20.148	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	153143	20.205	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	93451	21.013	ug/l	99
56) Ethyl methacrylate	9.116	69	152027	20.820	ug/l	99
57) 1,3-Dichloropropane	9.305	76	166485	21.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	319288	84.848	ug/l	98
59) 2-Hexanone	9.427	43	525101	102.260	ug/l	100
60) Dibromochloromethane	9.519	129	94127	20.181	ug/l	98
61) 1,2-Dibromoethane	9.610	107	98003	20.421	ug/l	99
64) Tetrachloroethene	9.269	164	80730	22.127	ug/l	95
65) Chlorobenzene	10.080	112	244369	20.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	90789	20.918	ug/l	98
67) Ethyl Benzene	10.189	91	448230	21.010	ug/l	96
68) m/p-Xylenes	10.299	106	336616	41.074	ug/l	96
69) o-Xylene	10.640	106	168782	20.522	ug/l	98
70) Styrene	10.653	104	274337	20.675	ug/l	99
71) Bromoform	10.799	173	62900	18.827	ug/l #	99
73) Isopropylbenzene	10.964	105	436858	20.698	ug/l	100
74) N-amyl acetate	10.842	43	200219	19.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	141151	20.041	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122435m	19.526	ug/l	
77) Bromobenzene	11.195	156	102618	20.264	ug/l	98
78) n-propylbenzene	11.305	91	512210	21.013	ug/l	99
79) 2-Chlorotoluene	11.366	91	309232	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	375491	21.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38472	16.598	ug/l	88
82) 4-Chlorotoluene	11.451	91	364369	21.013	ug/l	98
83) tert-Butylbenzene	11.713	119	357596	20.034	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	375757	20.768	ug/l	98
85) sec-Butylbenzene	11.890	105	441380	20.226	ug/l	99
86) p-Isopropyltoluene	12.006	119	377366	20.576	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	194771	19.630	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	198653	19.801	ug/l	99
89) n-Butylbenzene	12.329	91	320758	19.673	ug/l	100
90) Hexachloroethane	12.536	117	57582	16.968	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	193479	20.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31903	19.937	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	119256	19.888	ug/l	98
94) Hexachlorobutadiene	13.725	225	51906	21.487	ug/l	99
95) Naphthalene	13.774	128	414782	20.628	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	119458	20.380	ug/l	99

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

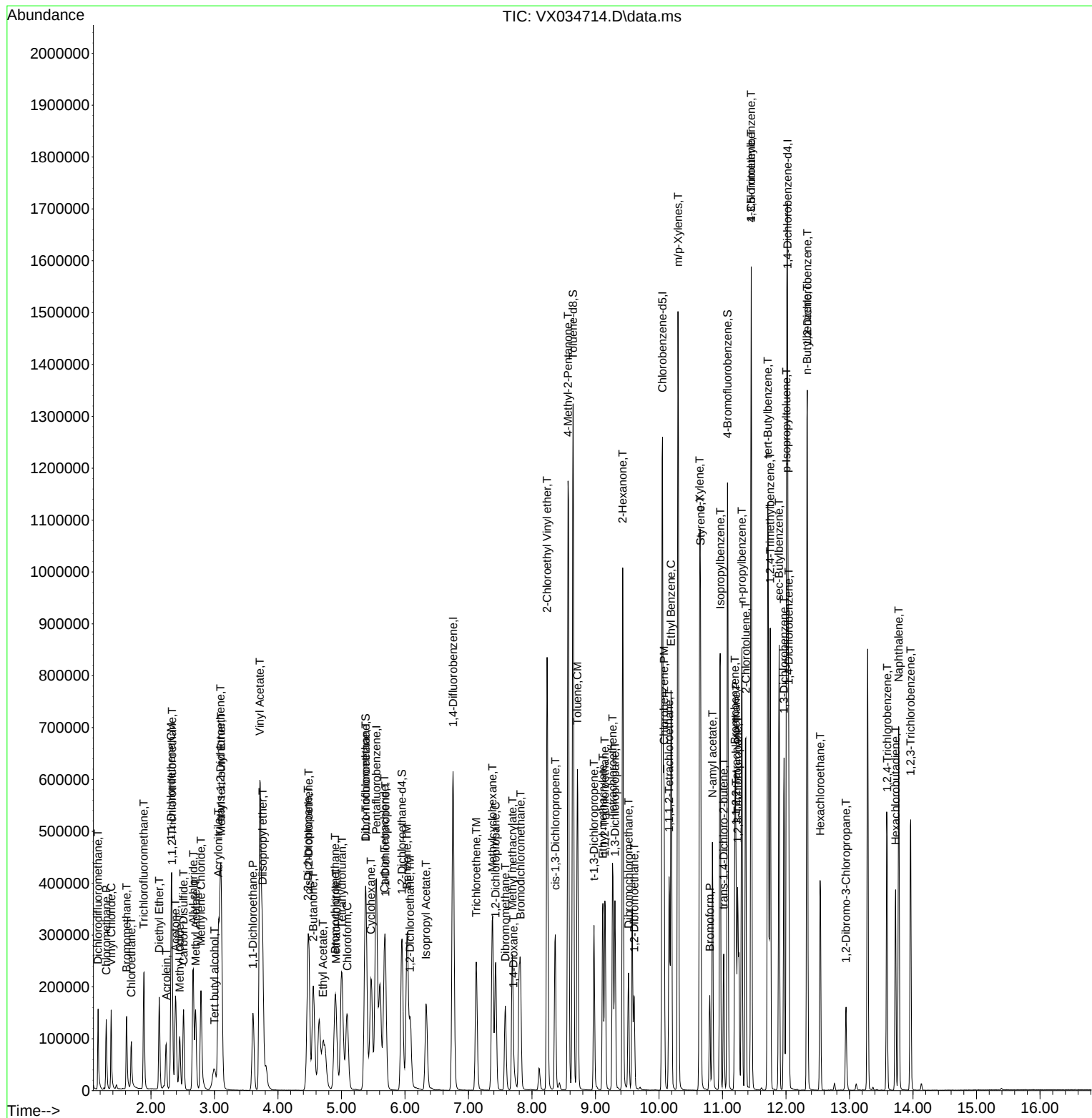
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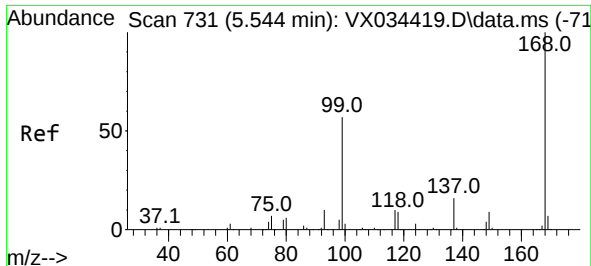
Instrument :
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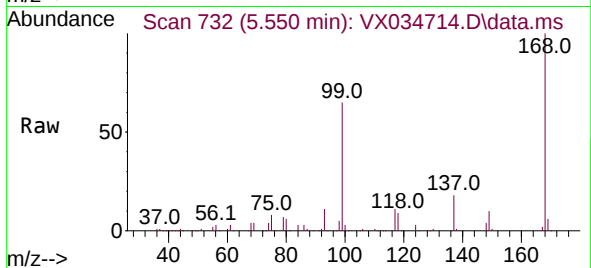
Reviewed By :John Carlone 03/27/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

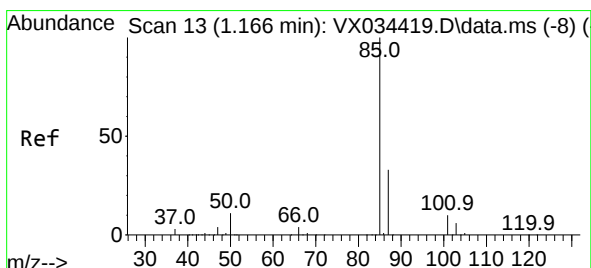
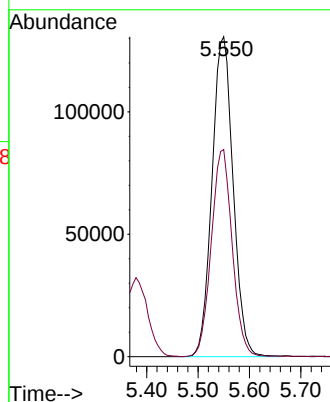
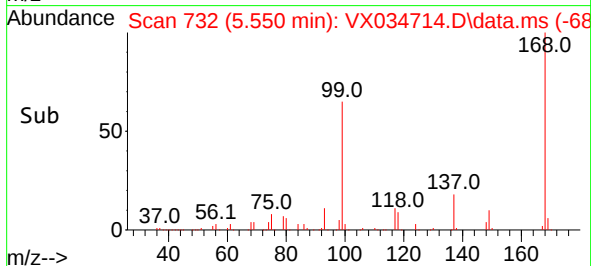
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion:168 Resp: 372799
Ion Ratio Lower Upper
168 100
99 64.7 45.7 68.5

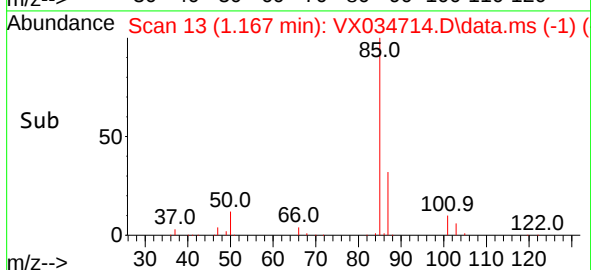
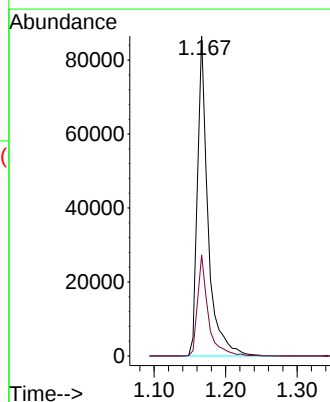
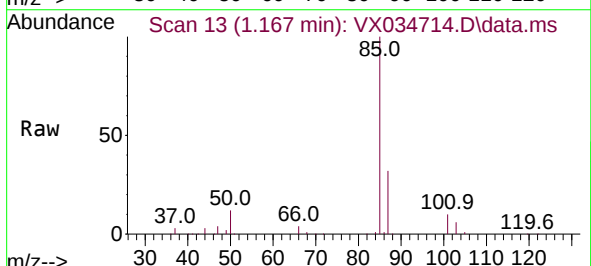
Manual Integrations
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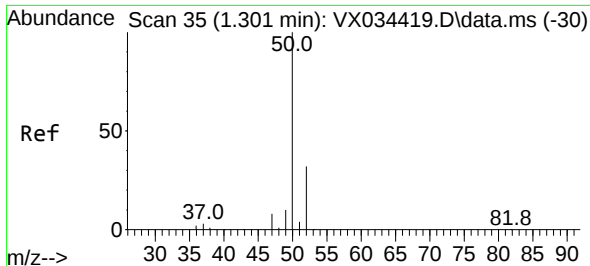
Reviewed By :John Carlone 03/27/2023
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#2
Dichlorodifluoromethane
Concen: 25.372 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 85 Resp: 88178
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





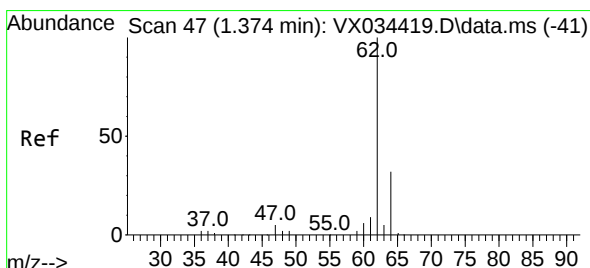
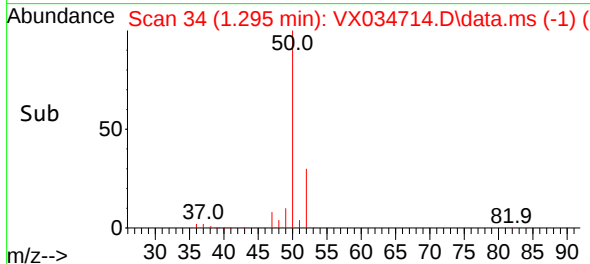
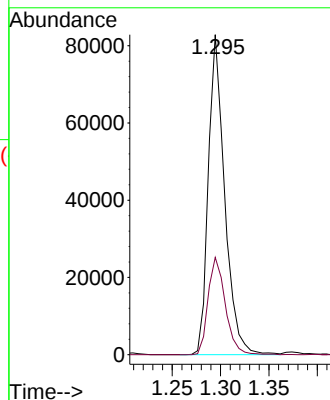
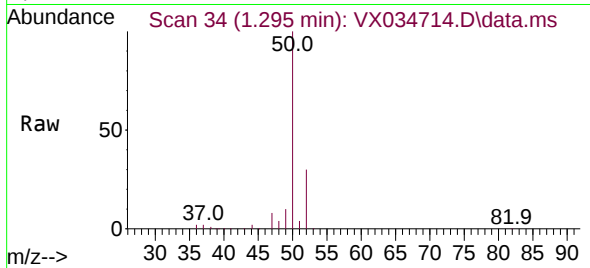
#3
Chloromethane
Concen: 17.693 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
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ClientSampleId :
VX0324WBS01

Tgt Ion: 50 Resp: 9761
Ion Ratio Lower Upper
50 100
52 30.4 25.9 38.9

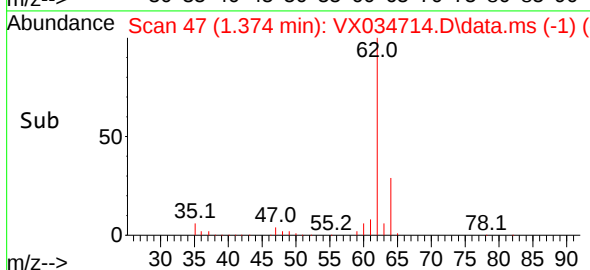
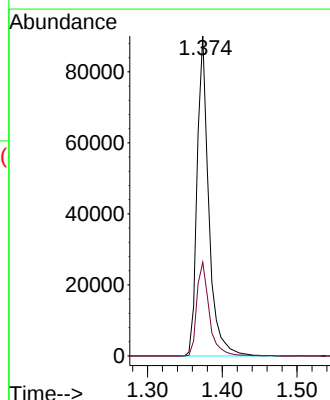
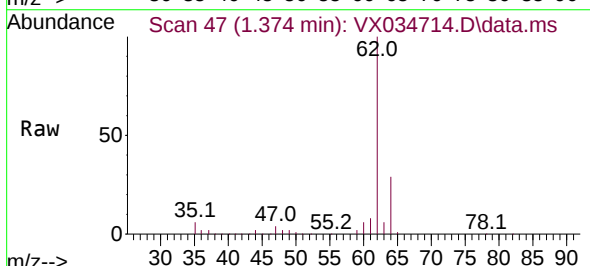
Manual Integrations
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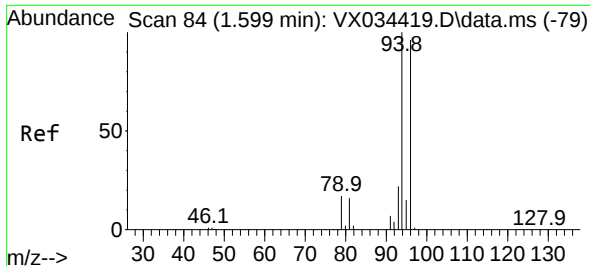
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 20.622 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

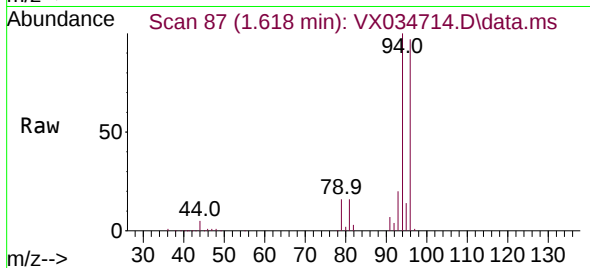
Tgt Ion: 62 Resp: 97587
Ion Ratio Lower Upper
62 100
64 29.3 26.4 39.6





#5
Bromomethane
Concen: 26.005 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

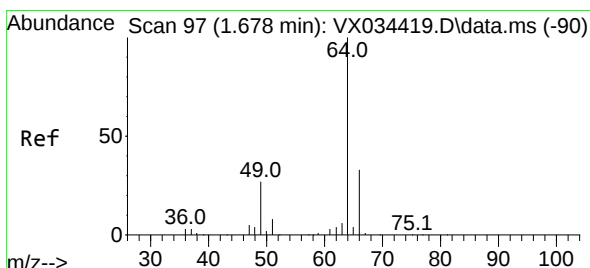
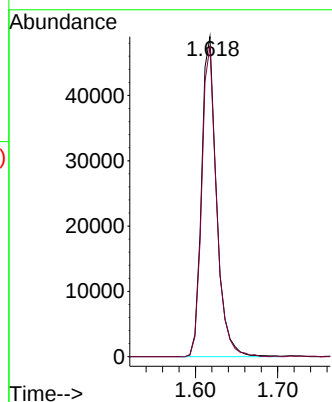
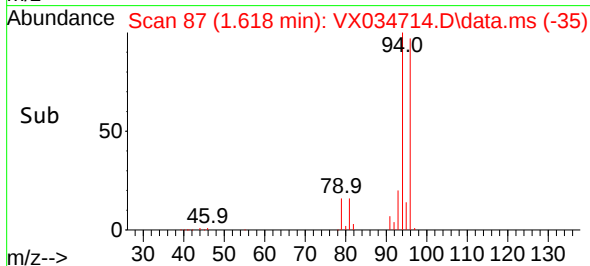
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Tgt Ion: 94 Resp: 62092
Ion Ratio Lower Upper
94 100
96 97.2 77.0 115.6

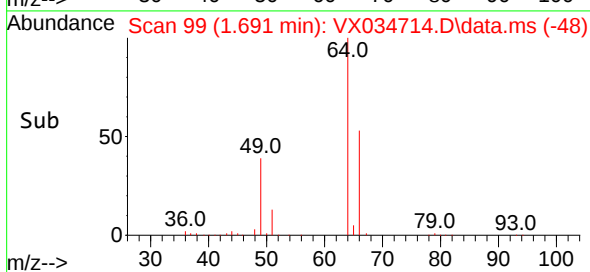
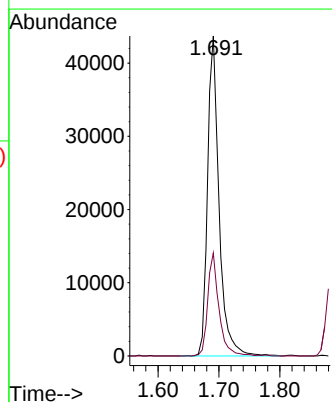
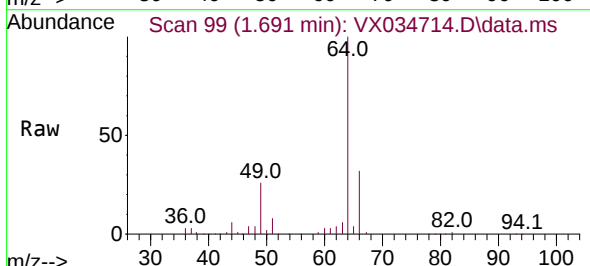
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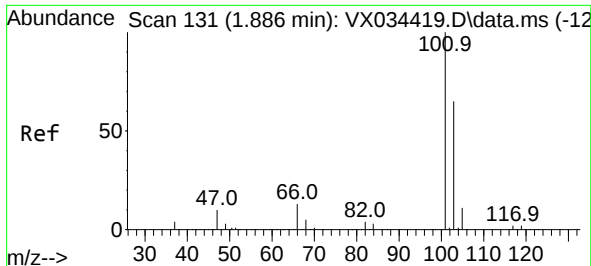
Reviewed By :John Carlone 03/27/2023
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#6
Chloroethane
Concen: 21.039 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

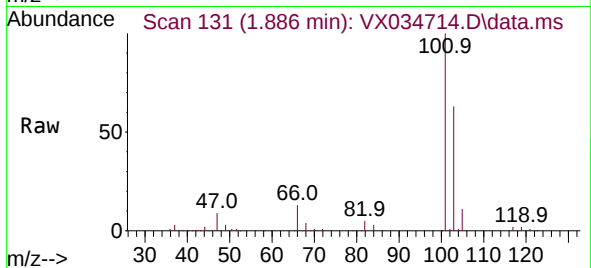
Tgt Ion: 64 Resp: 57325
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.181 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

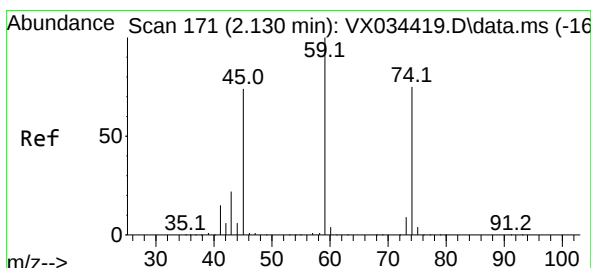
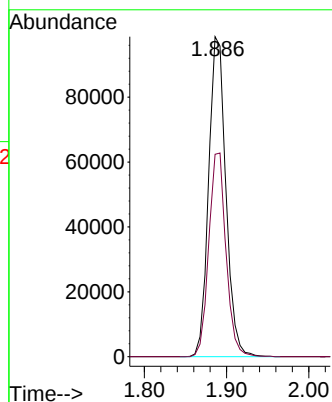
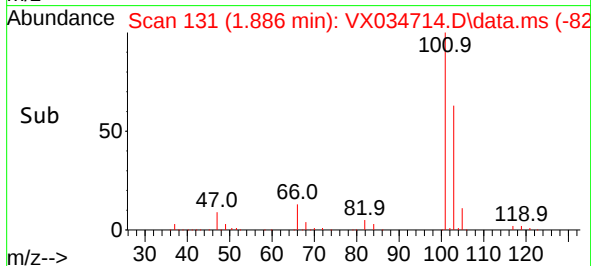
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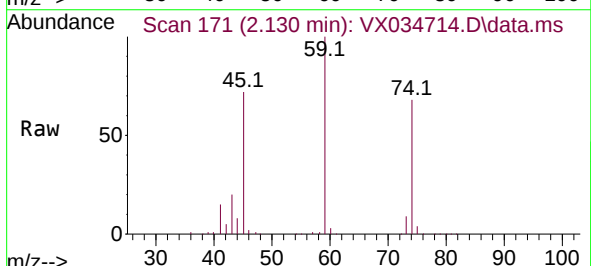
Tgt Ion:101 Resp: 14349
Ion Ratio Lower Upper
101 100
103 63.3 52.0 78.0

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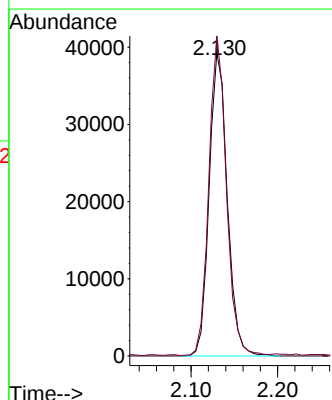
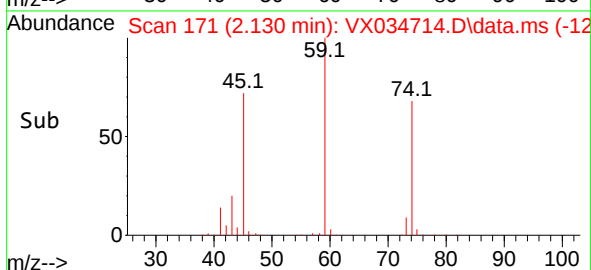
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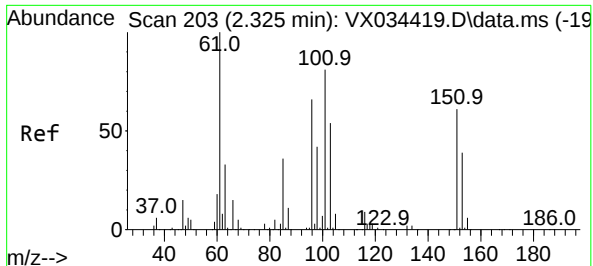


#8
Diethyl Ether
Concen: 21.939 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09



Tgt Ion: 74 Resp: 56947
Ion Ratio Lower Upper
74 100
45 102.4 49.8 149.3





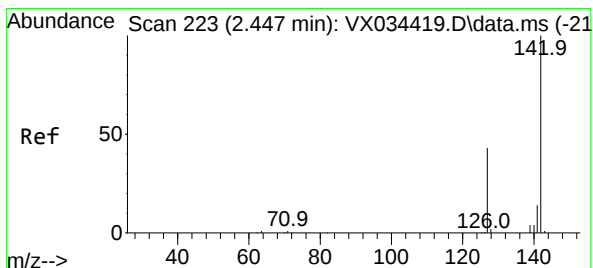
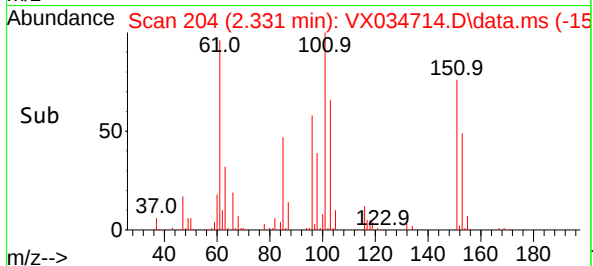
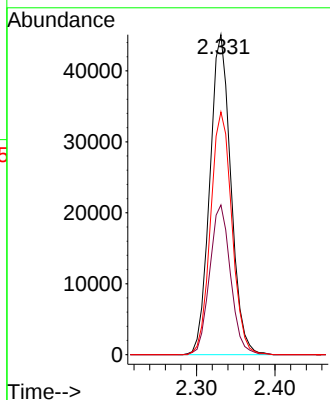
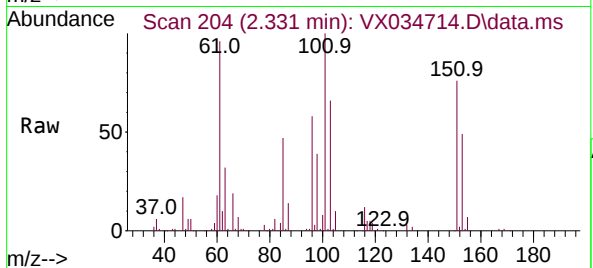
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.330 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion:101 Resp: 8424
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.2
151 76.8 60.2 90.4

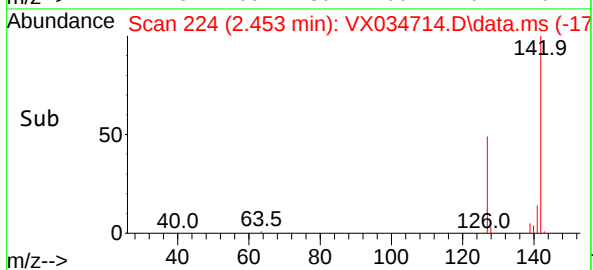
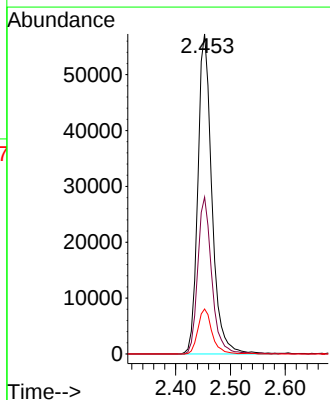
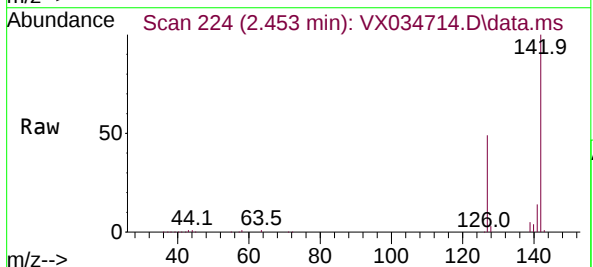
Manual Integrations
APPROVED

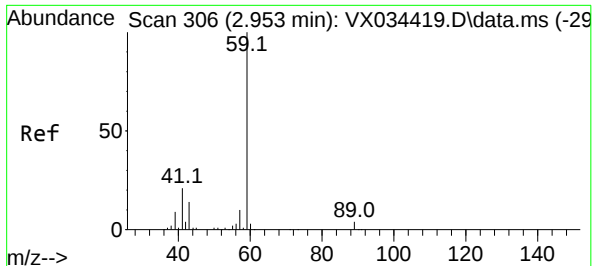
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
Methyl Iodide
Concen: 18.771 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

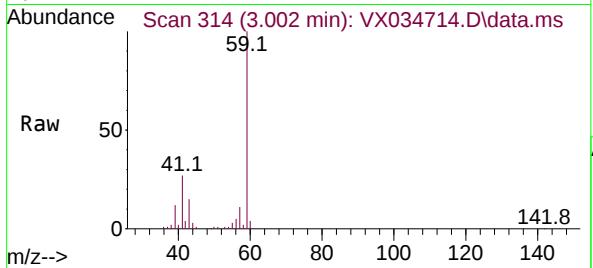
Tgt Ion:142 Resp: 102128
Ion Ratio Lower Upper
142 100
127 48.8 34.0 51.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 97.882 ug/l m
RT: 3.002 min Scan# 314
Delta R.T. 0.049 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

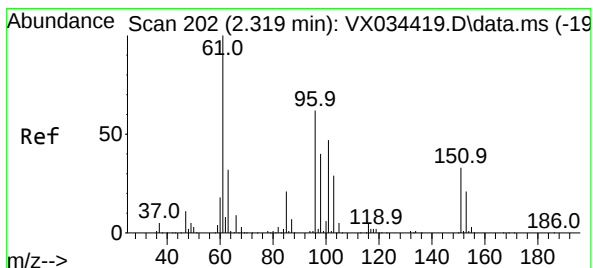
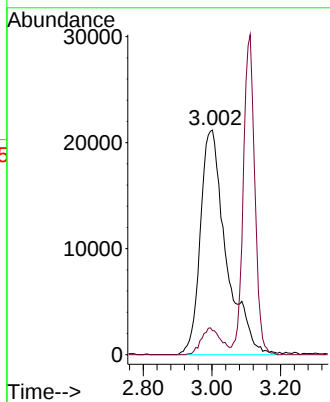
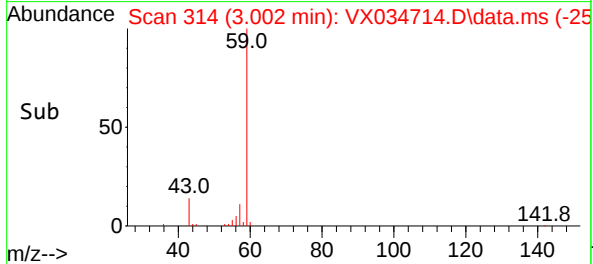
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion: 59 Resp: 110548
Ion Ratio Lower Upper
59 100
57 9.0 8.1 12.1

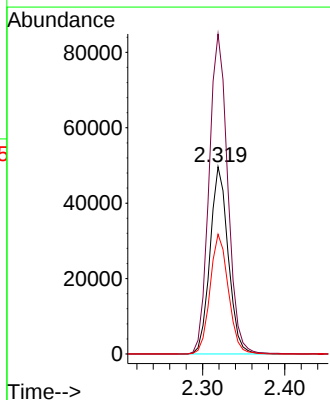
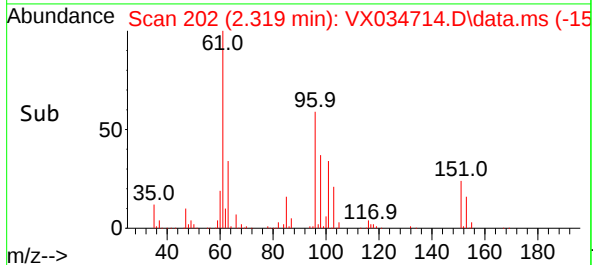
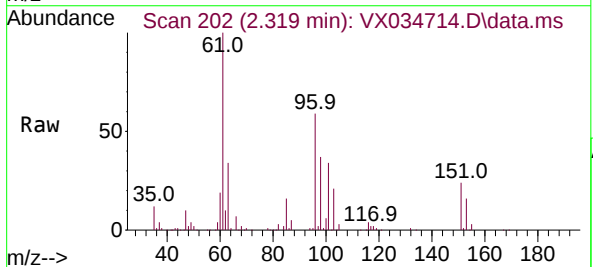
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
1,1-Dichloroethene
Concen: 18.712 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 96 Resp: 76368
Ion Ratio Lower Upper
96 100
61 170.9 128.8 193.2
98 63.9 51.4 77.0





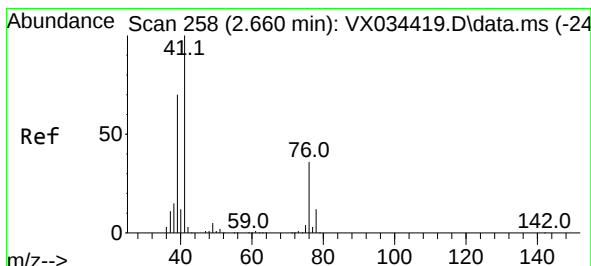
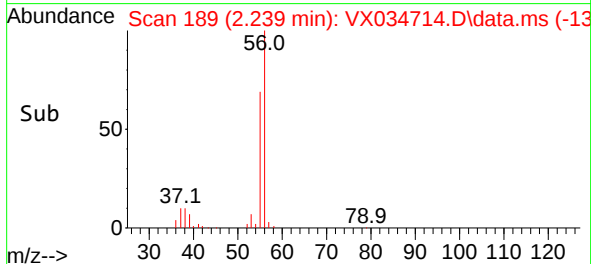
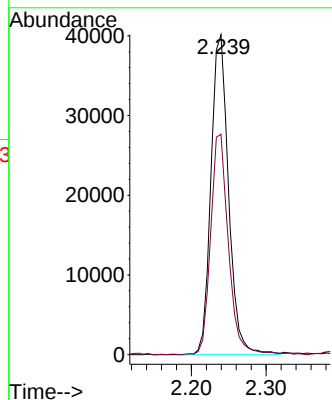
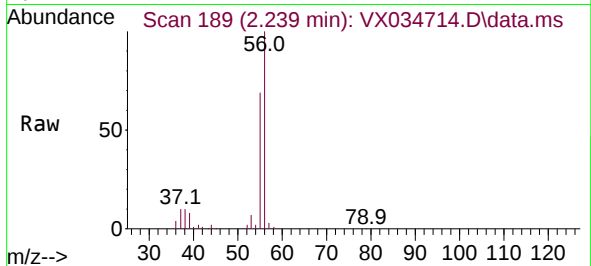
#13
Acrolein
Concen: 73.495 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 56 Resp: 6566
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0

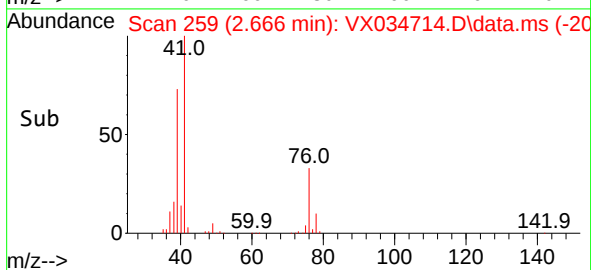
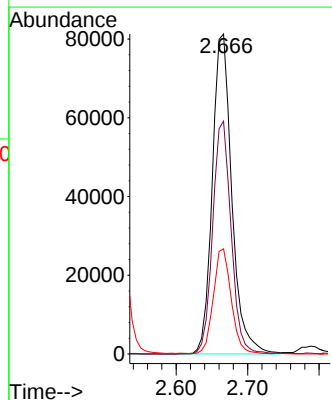
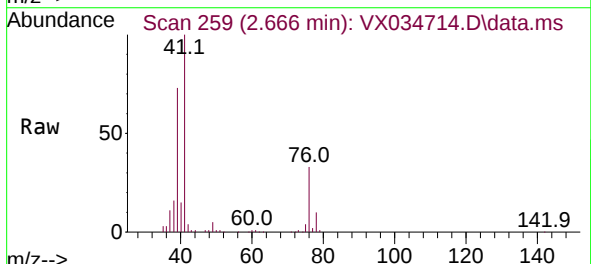
Manual Integrations
APPROVED

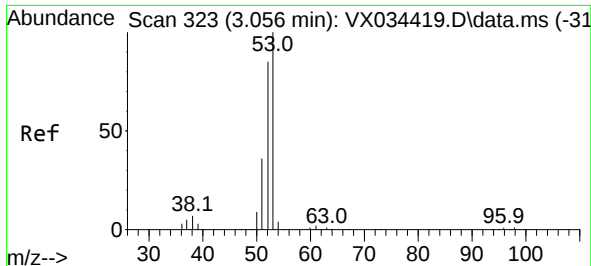
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Allyl chloride
Concen: 18.646 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 41 Resp: 154279
Ion Ratio Lower Upper
41 100
39 68.7 52.4 78.6
76 30.0 26.0 39.0





#15

Acrylonitrile

Concen: 100.773 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034714.D

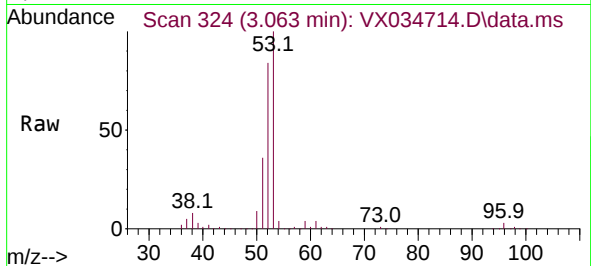
Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01



Tgt Ion: 53 Resp: 245850

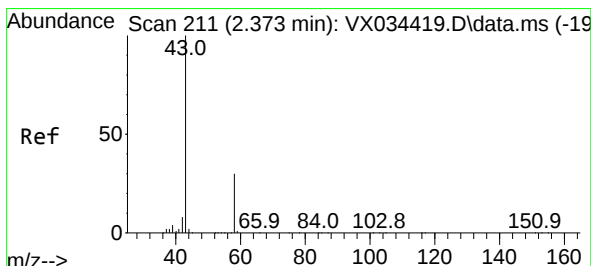
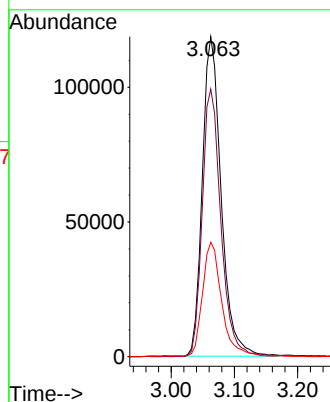
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.2
51	36.0	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Acetone

Concen: 90.315 ug/l

RT: 2.386 min Scan# 213

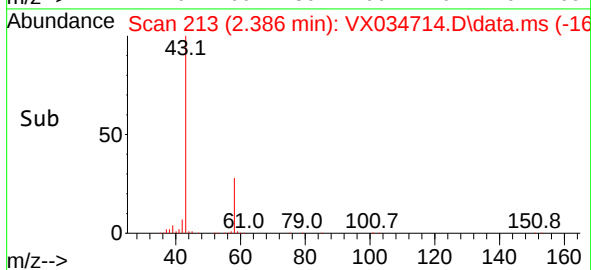
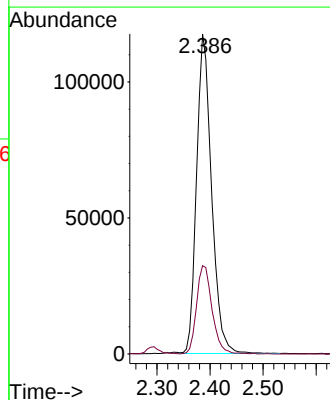
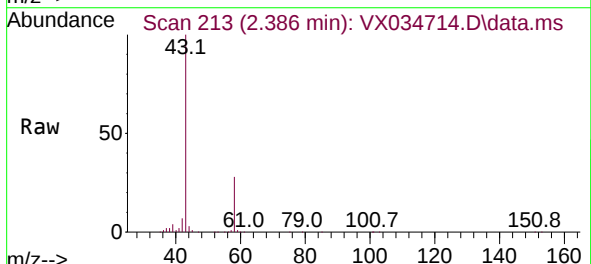
Delta R.T. 0.012 min

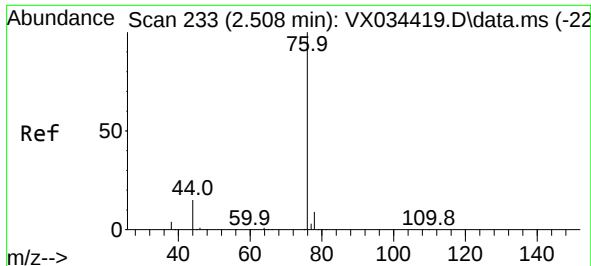
Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion: 43 Resp: 230729

Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.7	37.1





#17

Carbon Disulfide

Concen: 16.010 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 76 Resp: 18388

Ion Ratio Lower Upper

76 100

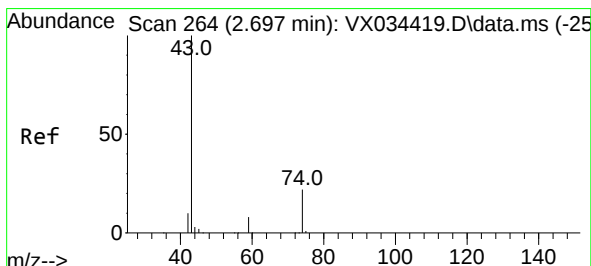
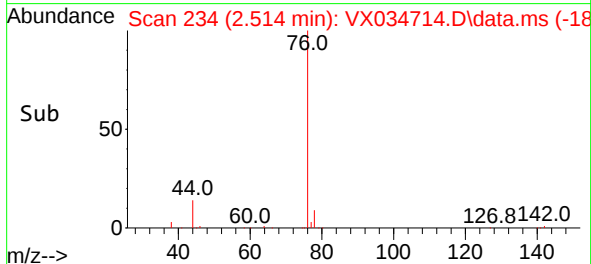
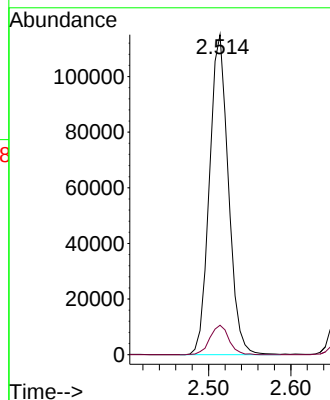
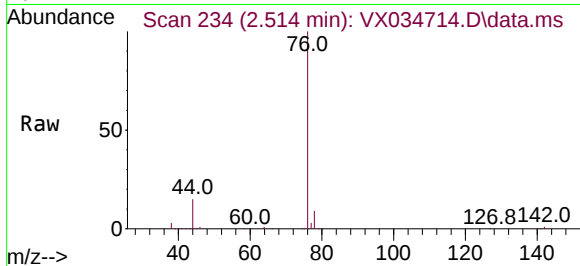
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#18

Methyl Acetate

Concen: 21.833 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034714.D

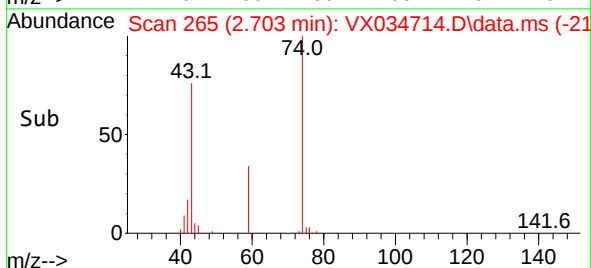
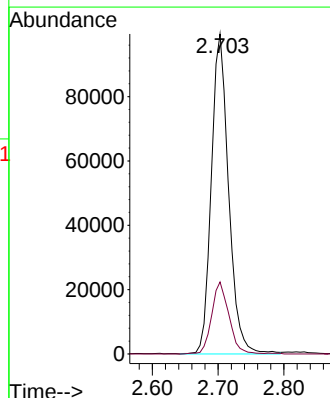
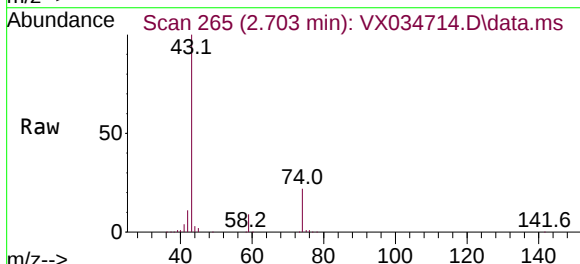
Acq: 24 Mar 2023 12:09

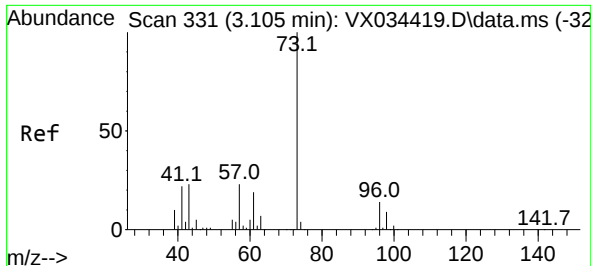
Tgt Ion: 43 Resp: 182249

Ion Ratio Lower Upper

43 100

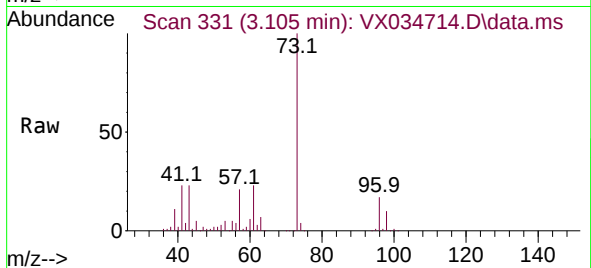
74 22.4 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 21.443 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

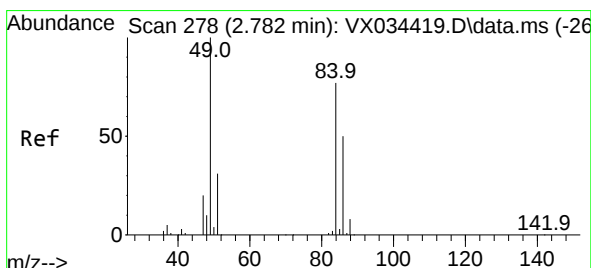
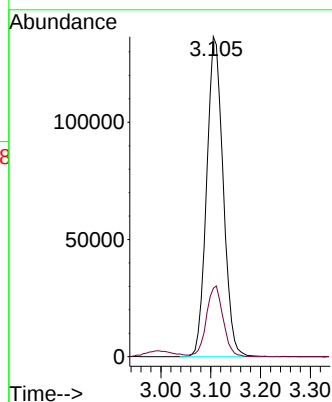
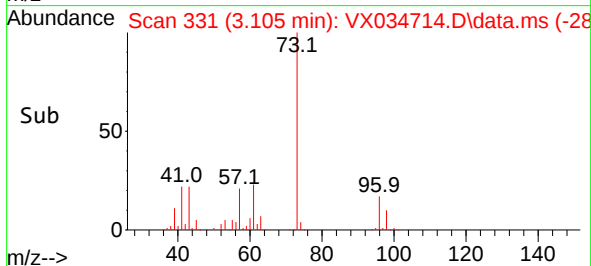
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



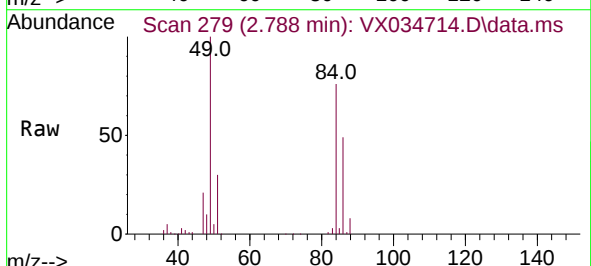
Tgt Ion: 73 Resp: 313328
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7

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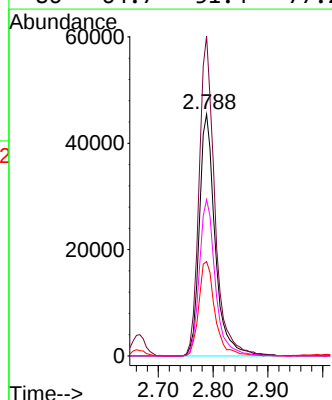
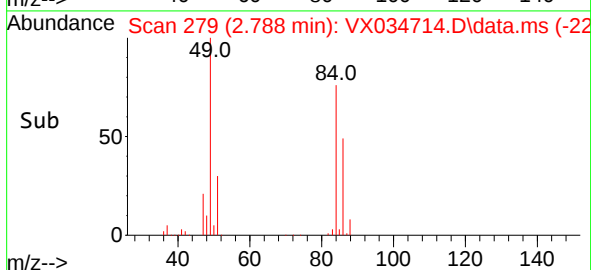
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

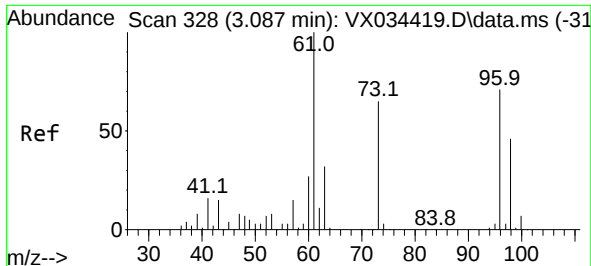


#20
Methylene Chloride
Concen: 18.450 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09



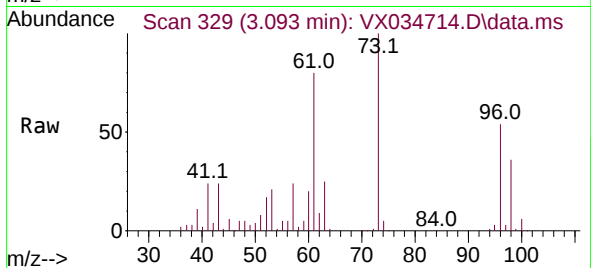
Tgt Ion: 84 Resp: 91477
Ion Ratio Lower Upper
84 100
49 132.4 103.8 155.8
51 39.1 31.8 47.8
86 64.7 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.770 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

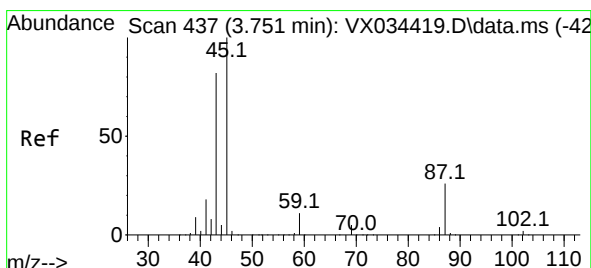
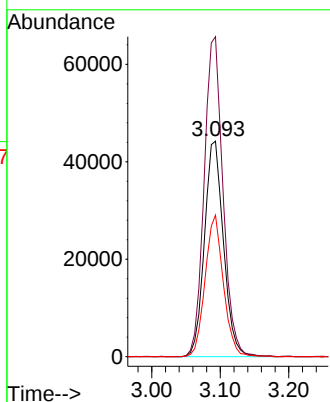
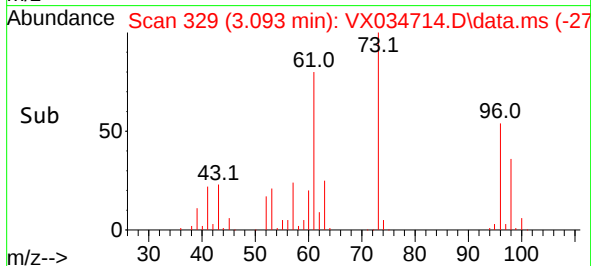
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



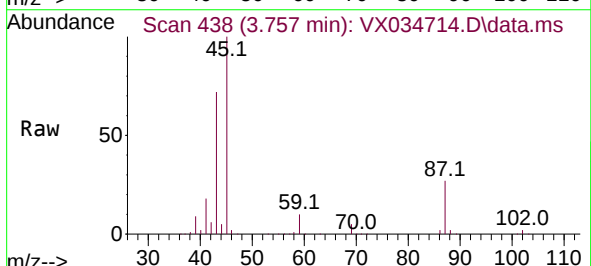
Tgt Ion: 96 Resp: 8568
Ion Ratio Lower Upper
96 100
61 148.5 113.0 169.6
98 65.7 52.1 78.1

Manual Integrations
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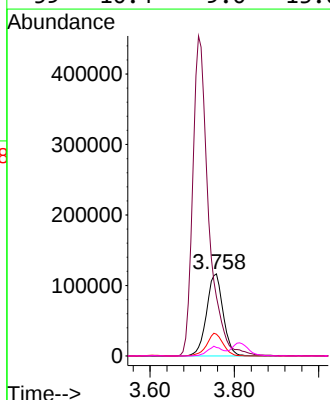
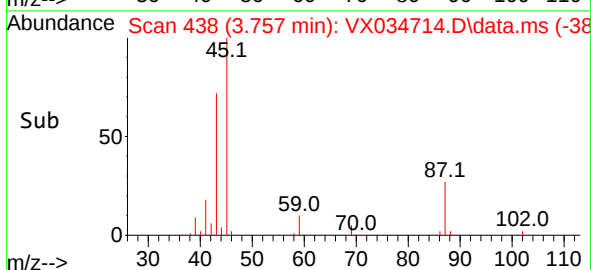
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

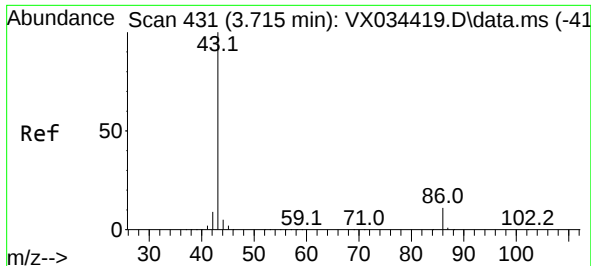


#22
Diisopropyl ether
Concen: 20.162 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09



Tgt Ion: 45 Resp: 318057
Ion Ratio Lower Upper
45 100
43 71.8 65.4 98.2
87 26.6 20.6 31.0
59 10.4 9.0 13.6





#23

Vinyl Acetate

Concen: 99.335 ug/l

RT: 3.715 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 43 Resp: 1192610

Ion Ratio Lower Upper

43 100

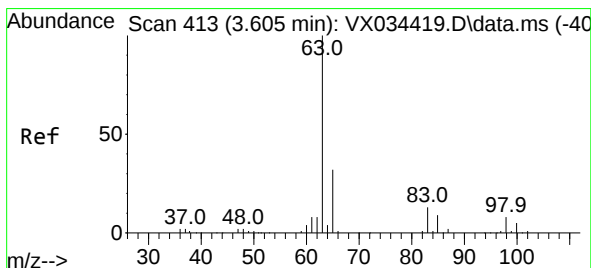
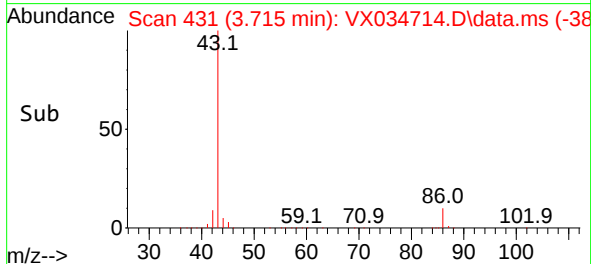
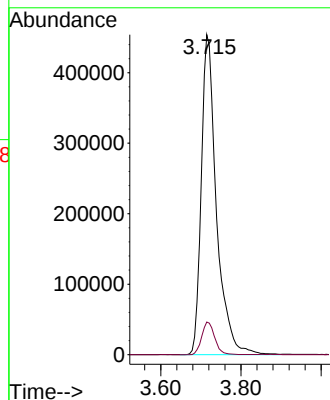
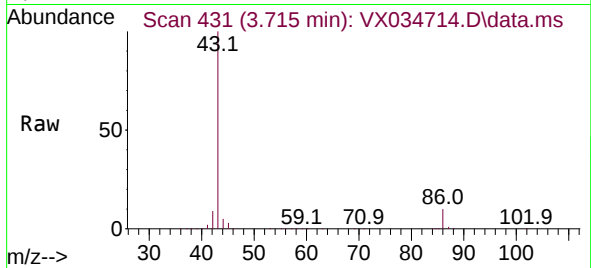
86 10.2 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#24

1,1-Dichloroethane

Concen: 19.543 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

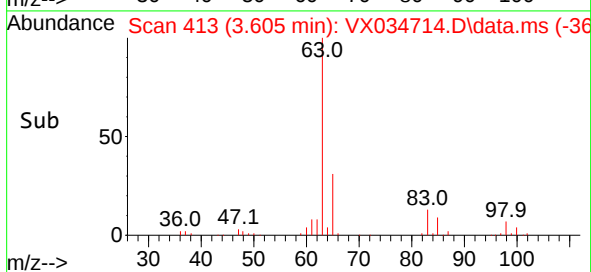
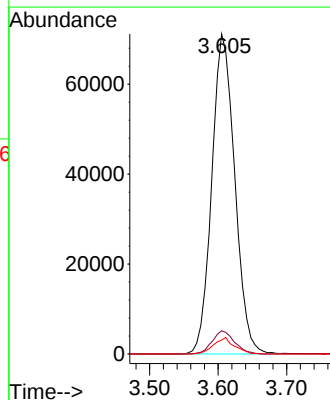
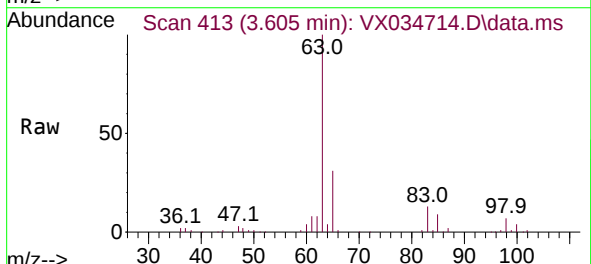
Tgt Ion: 63 Resp: 165726

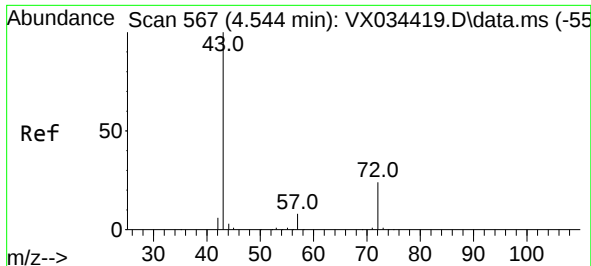
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.3 2.4 7.1





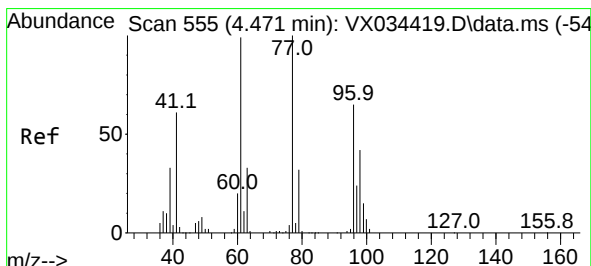
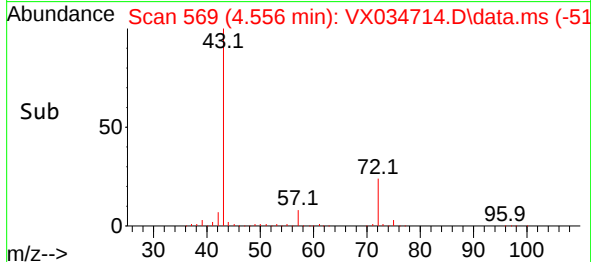
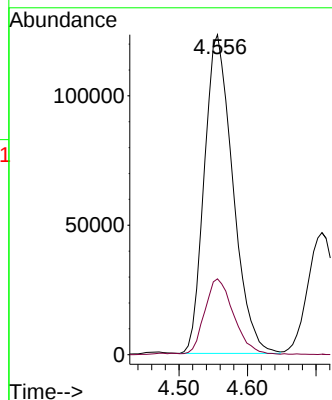
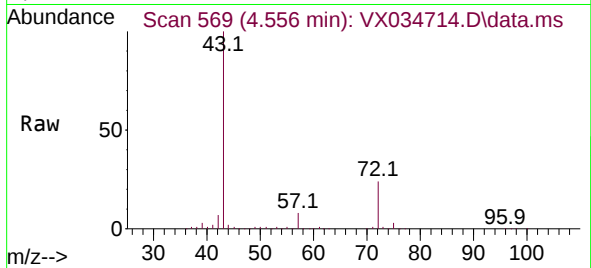
#25
2-Butanone
Concen: 97.445 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 43 Resp: 356200
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9

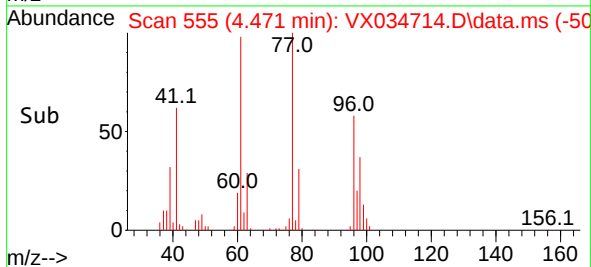
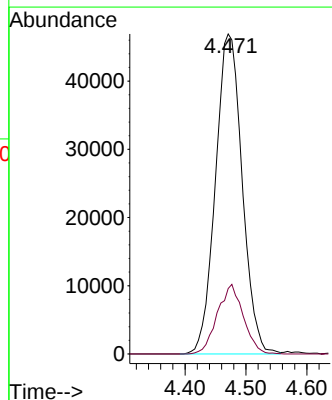
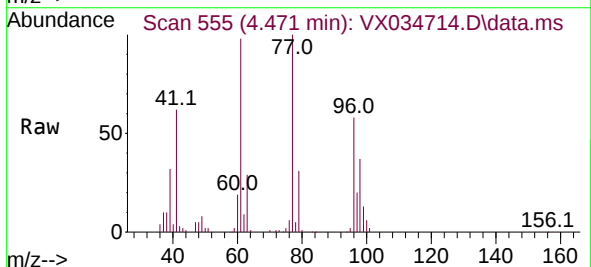
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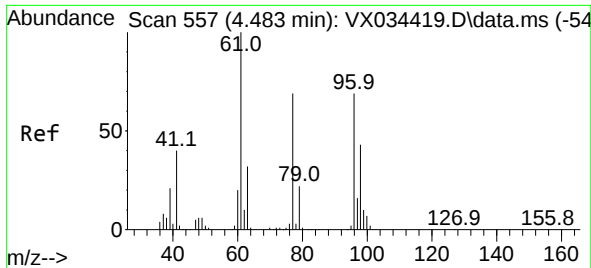
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#26
2,2-Dichloropropane
Concen: 19.396 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 77 Resp: 142968
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.426 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 96 Resp: 10135

Ion Ratio Lower Upper

96 100

61 155.1 0.0 300.4

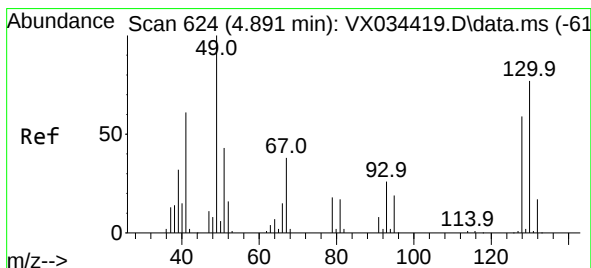
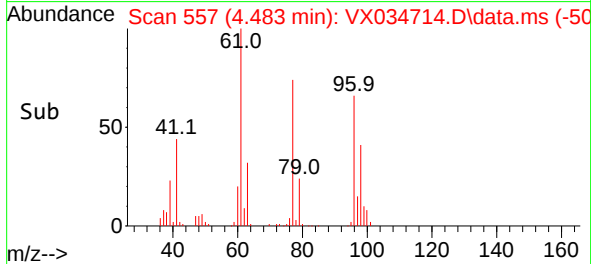
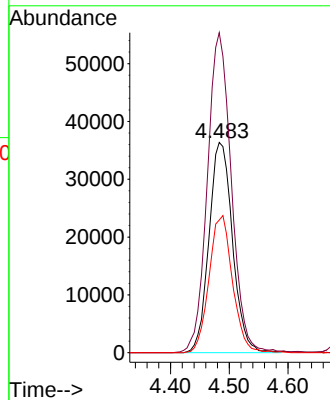
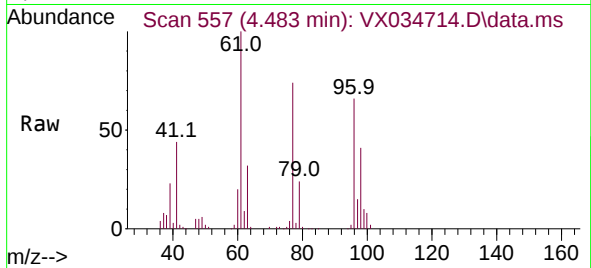
98 65.0 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#28

Bromochloromethane

Concen: 19.286 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

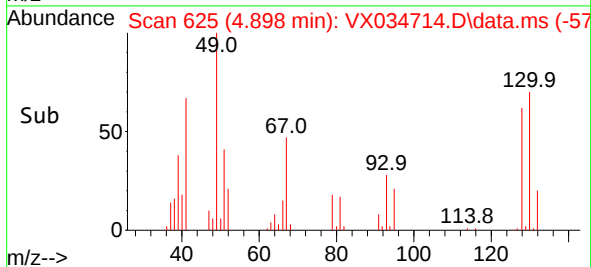
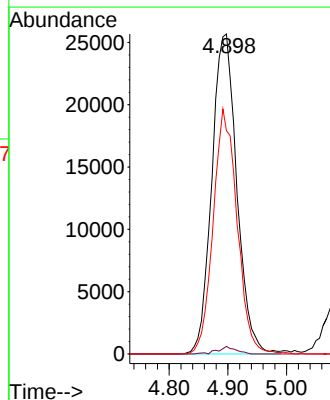
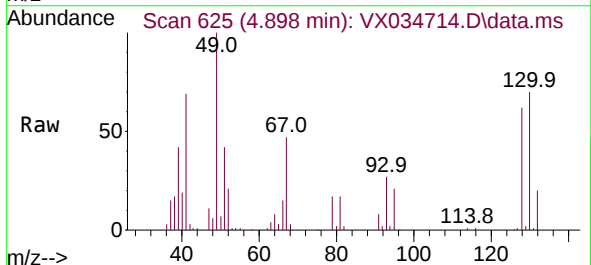
Tgt Ion: 49 Resp: 76042

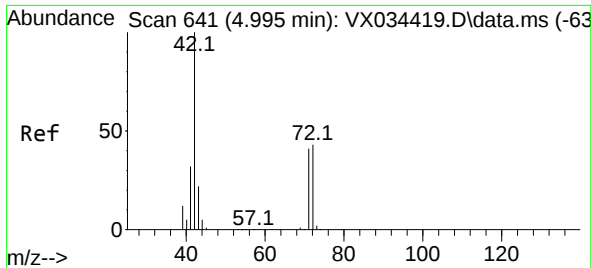
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 73.1 58.2 87.2





#29

Tetrahydrofuran

Concen: 100.910 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 42 Resp: 227610

Ion Ratio Lower Upper

42 100

72 42.7 34.5 51.7

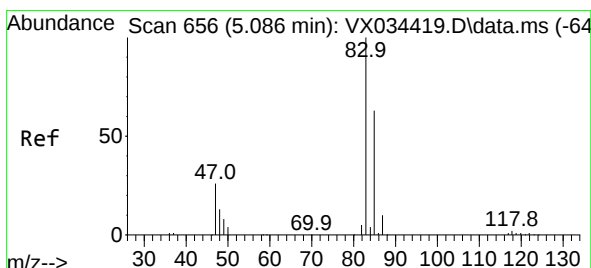
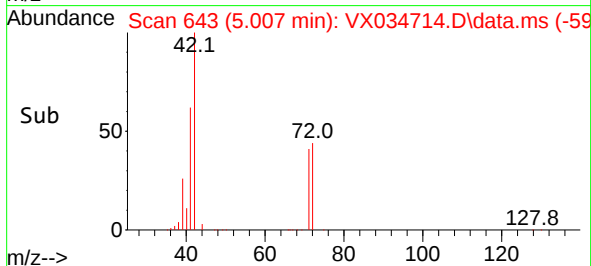
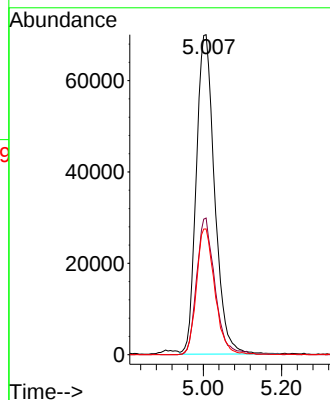
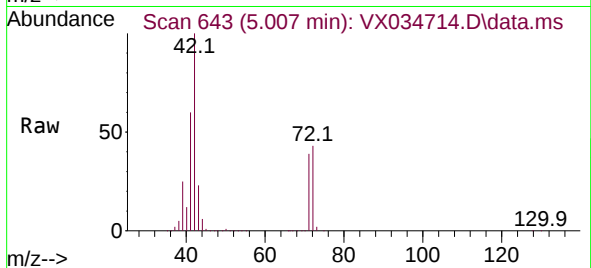
71 39.5 32.1 48.1

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#30

Chloroform

Concen: 20.990 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034714.D

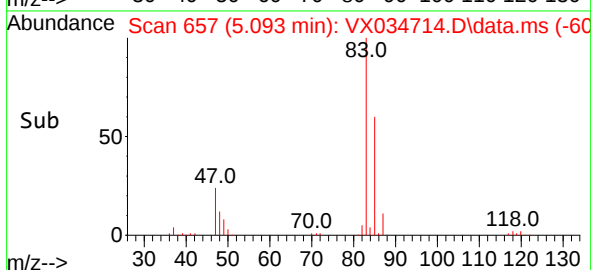
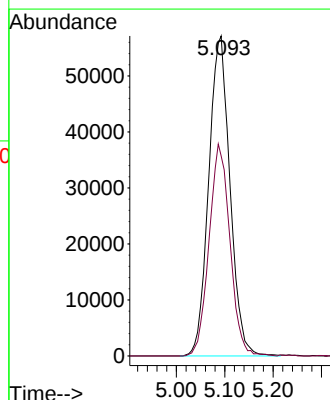
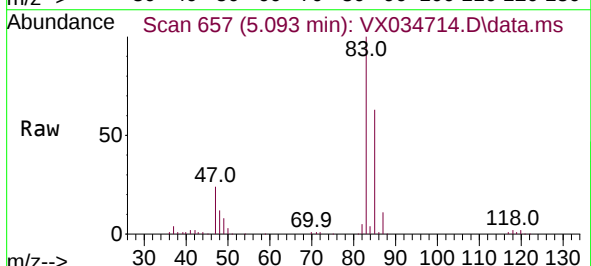
Acq: 24 Mar 2023 12:09

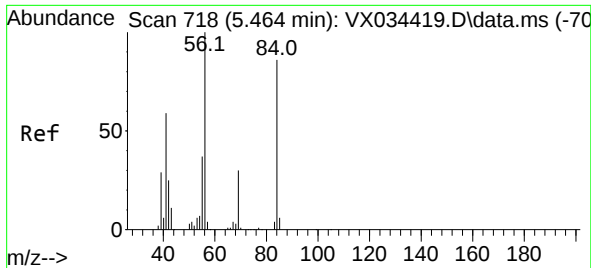
Tgt Ion: 83 Resp: 174478

Ion Ratio Lower Upper

83 100

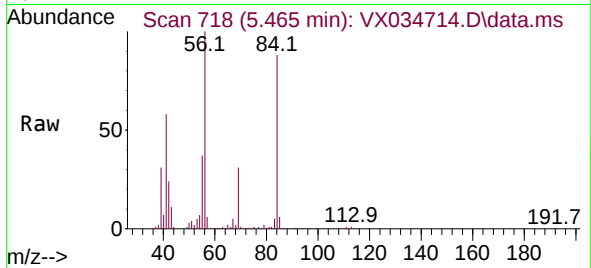
85 62.5 50.6 76.0





#31
Cyclohexane
Concen: 19.537 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

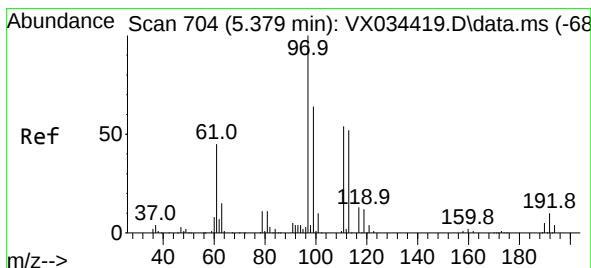
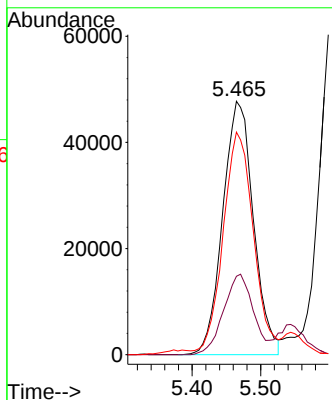
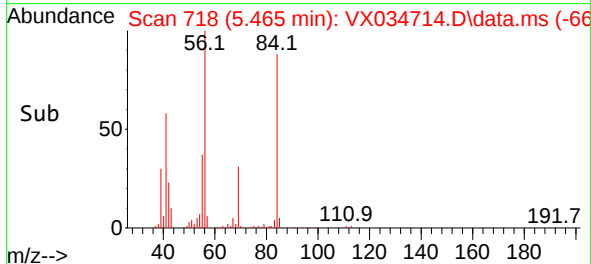
Instrument :
MSVOA_X
Client Sample Id :
VX0324WBS01



Tgt Ion: 56 Resp: 148600
Ion Ratio Lower Upper
56 100
69 31.0 23.7 35.5
84 86.4 68.5 102.7

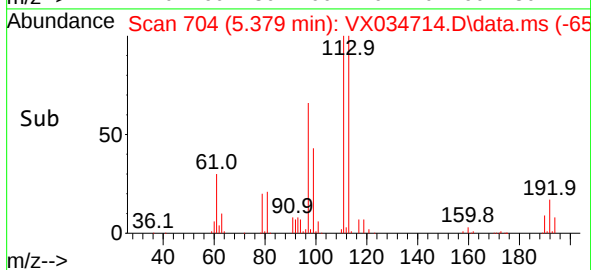
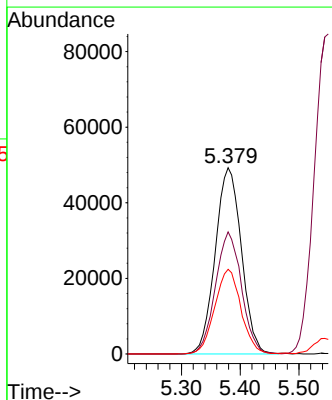
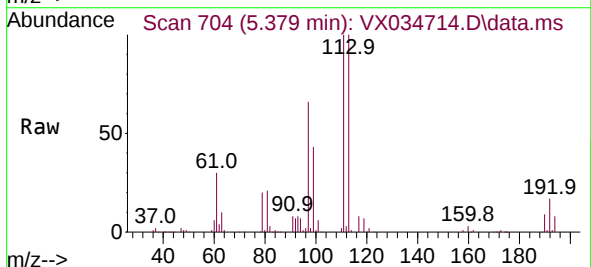
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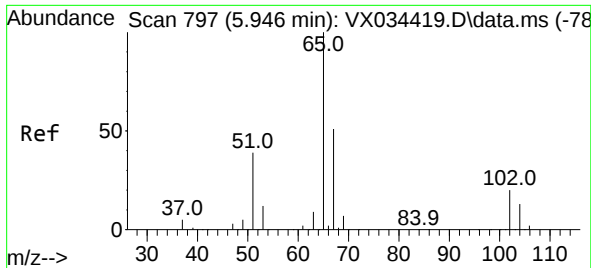
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#32
1,1,1-Trichloroethane
Concen: 20.742 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 97 Resp: 152632
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 45.5 36.5 54.7





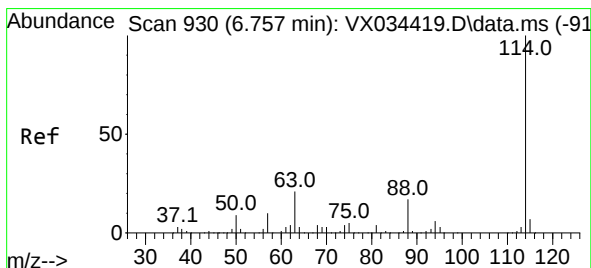
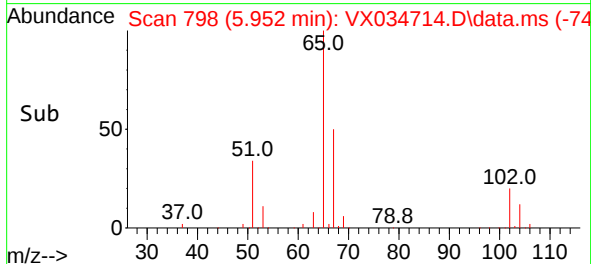
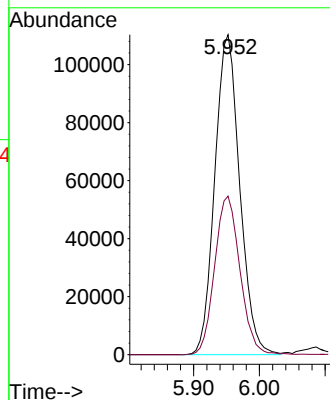
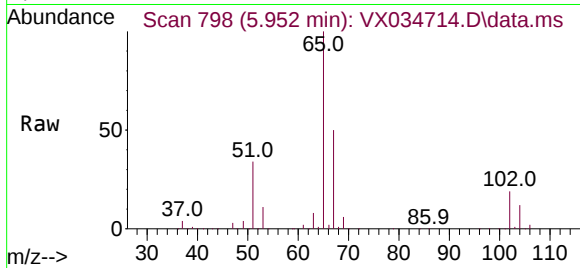
#33
 1,2-Dichloroethane-d4
 Concen: 53.693 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034714.D
 Acq: 24 Mar 2023 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tgt Ion: 65 Resp: 291204
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.0

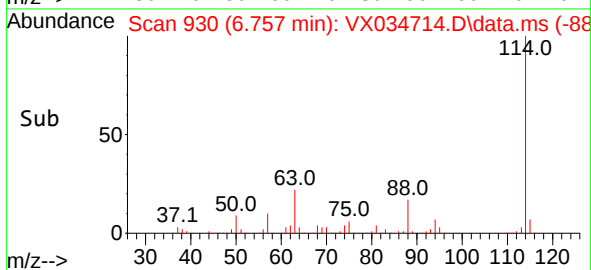
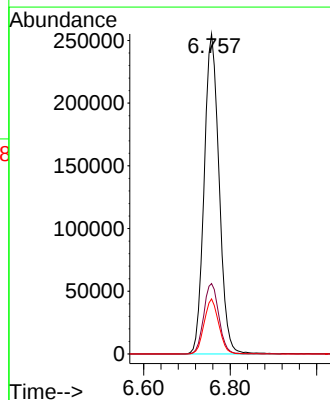
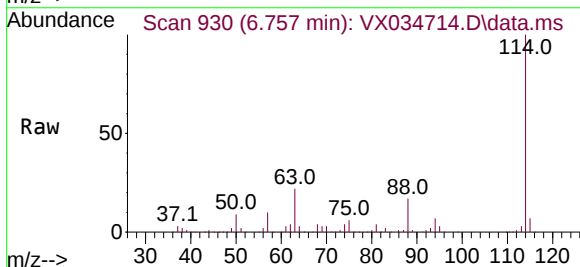
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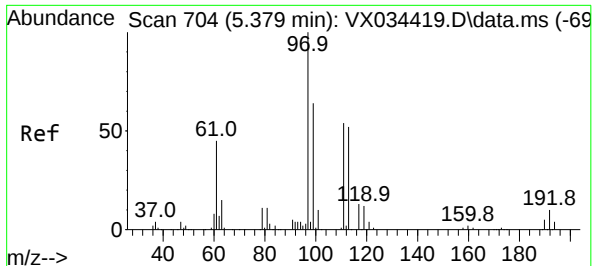
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034714.D
 Acq: 24 Mar 2023 12:09

Tgt Ion:114 Resp: 610123
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.2
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.364 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion:113 Resp: 214968

Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

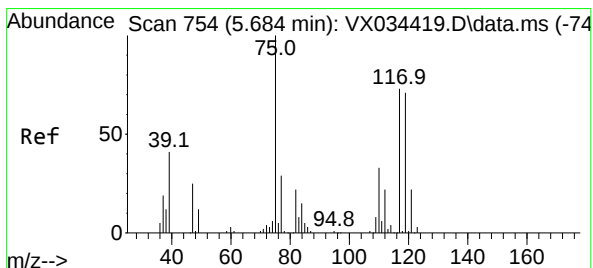
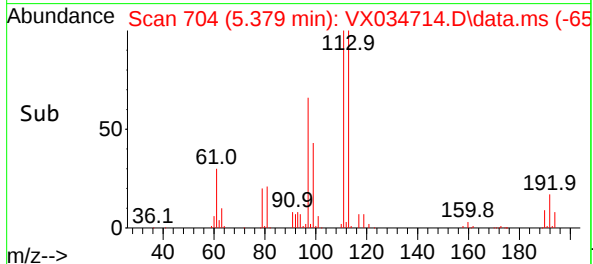
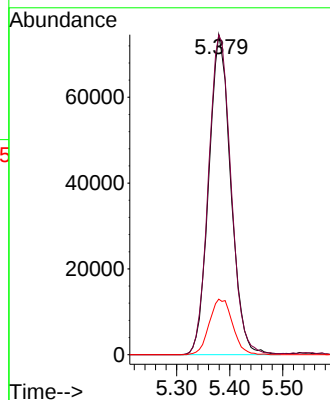
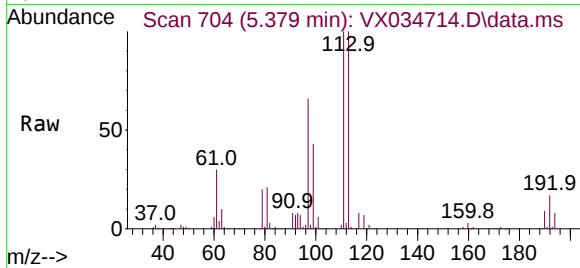
192 18.4 15.4 23.2

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#36

1,1-Dichloropropene

Concen: 20.680 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

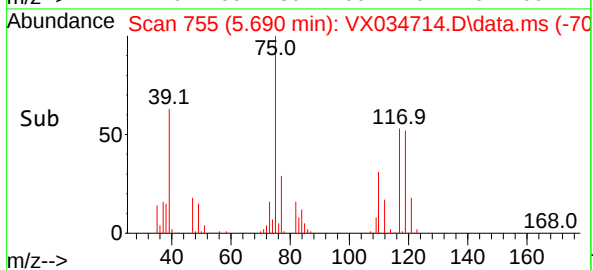
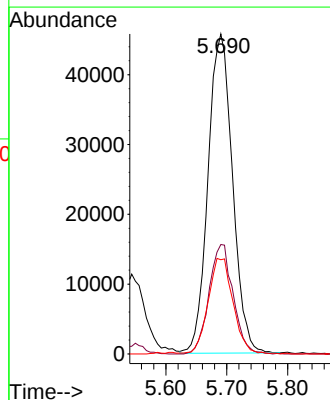
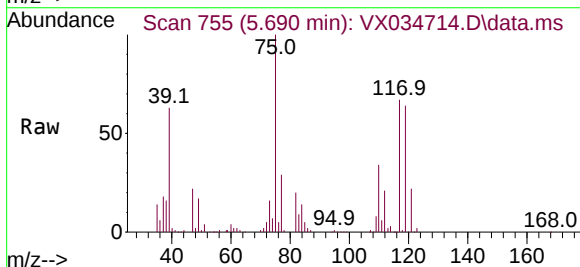
Tgt Ion: 75 Resp: 127953

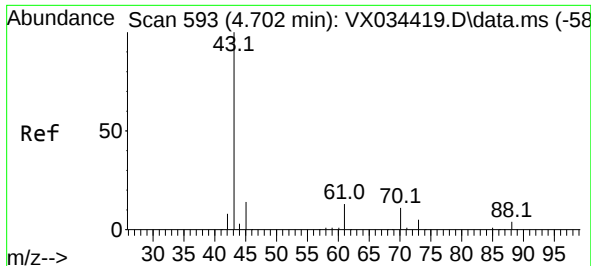
Ion Ratio Lower Upper

75 100

110 33.7 17.5 52.5

77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 20.323 ug/l

RT: 4.709 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 43 Resp: 137372

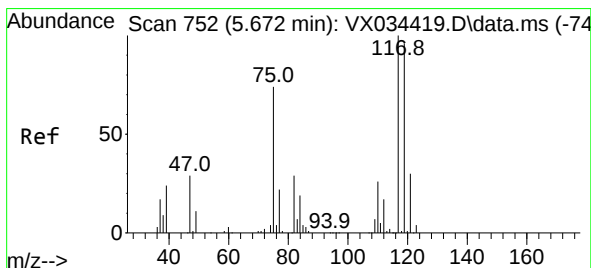
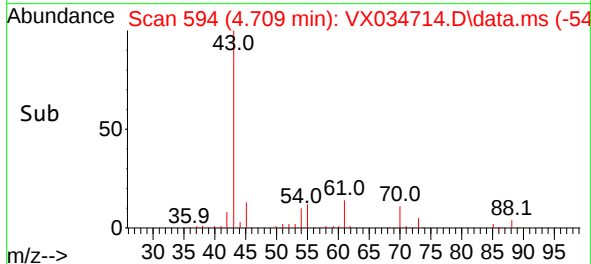
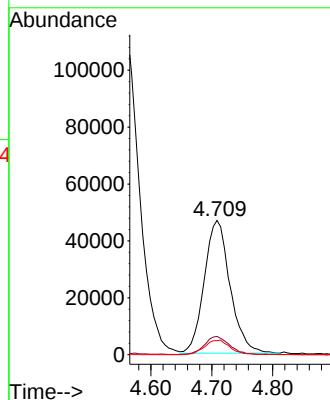
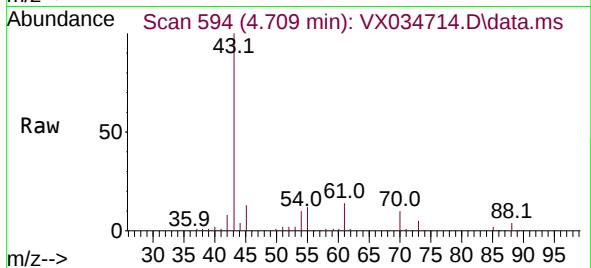
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	10.8	8.2	12.4

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Carbon Tetrachloride

Concen: 20.954 ug/l

RT: 5.678 min Scan# 753

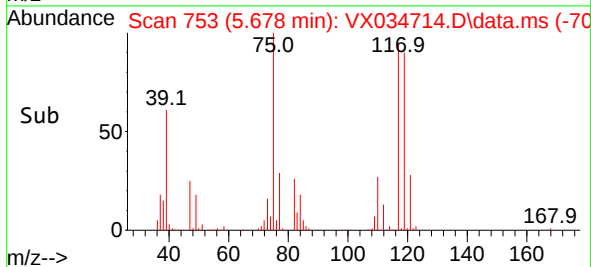
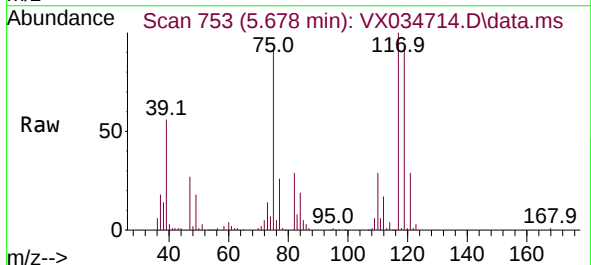
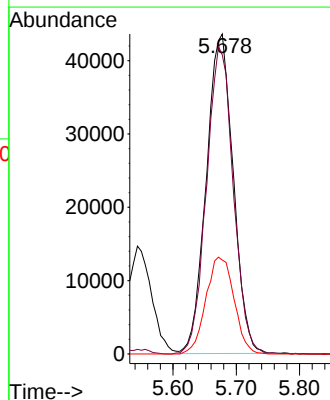
Delta R.T. 0.006 min

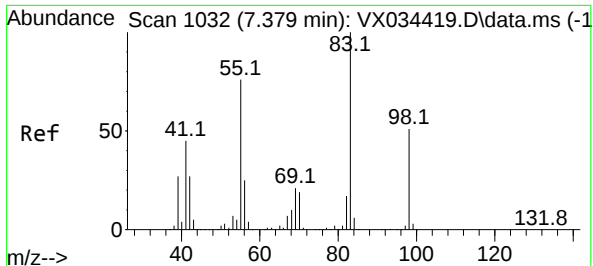
Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion:117 Resp: 128977

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.6	114.8
121	29.4	23.8	35.6





#39

Methylcyclohexane

Concen: 19.683 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 83 Resp: 14574

Ion Ratio Lower Upper

83 100

55 84.1 60.5 90.7

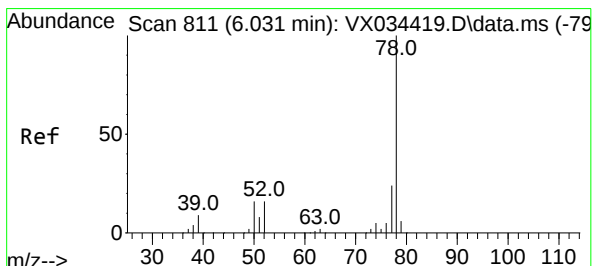
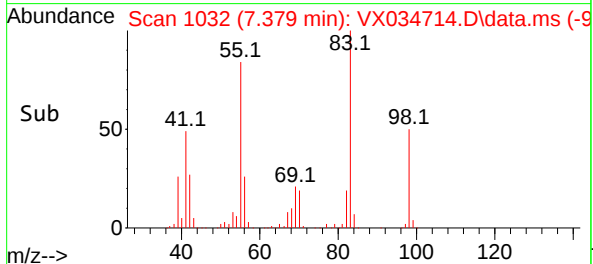
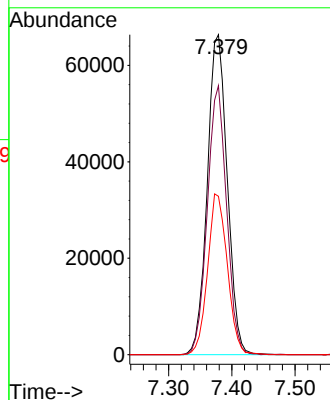
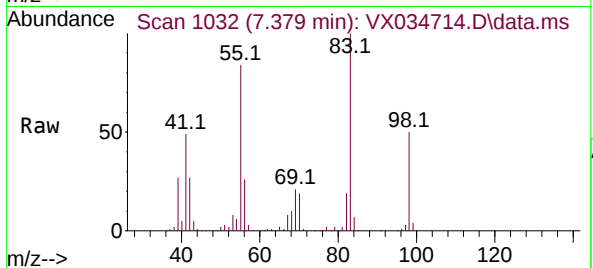
98 49.5 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Benzene

Concen: 19.924 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034714.D

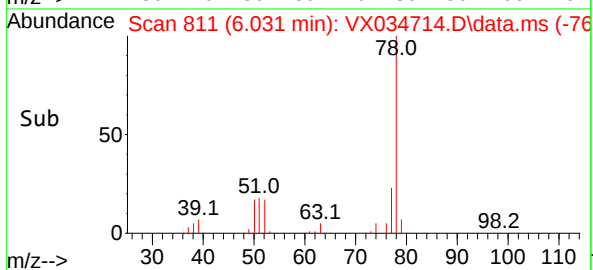
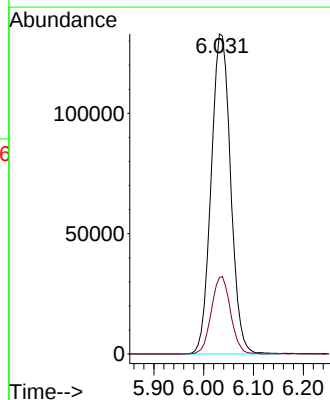
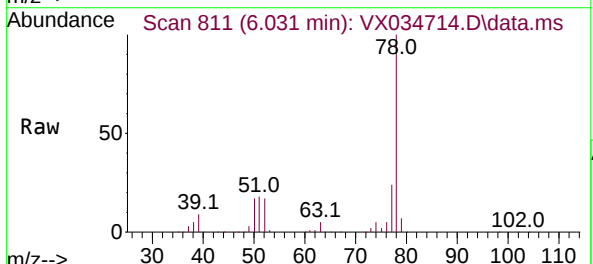
Acq: 24 Mar 2023 12:09

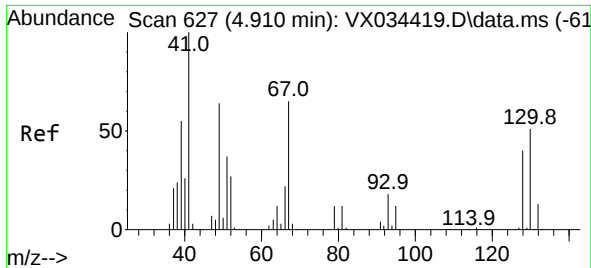
Tgt Ion: 78 Resp: 360621

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4





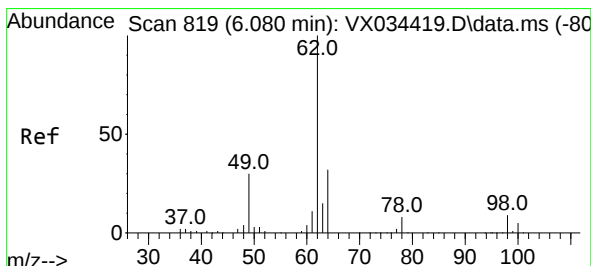
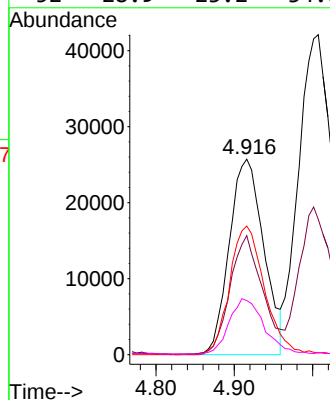
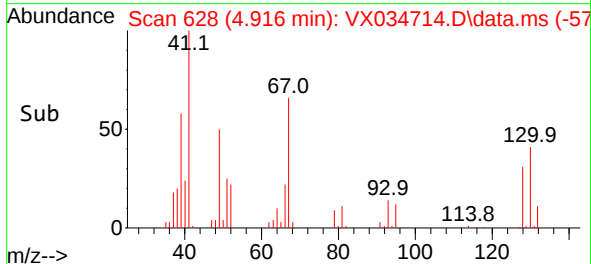
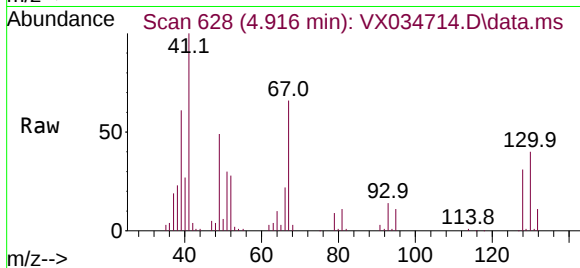
#41
Methacrylonitrile
Concen: 21.274 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 41 Resp: 78808
Ion Ratio Lower Upper
41 100
39 58.7 45.0 67.6
67 66.9 55.6 83.4
52 28.9 23.2 34.8

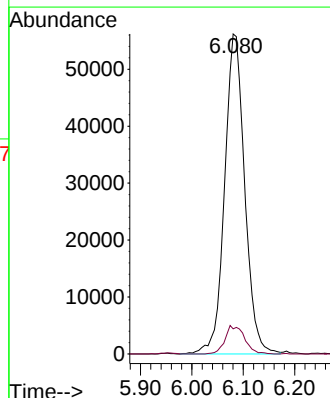
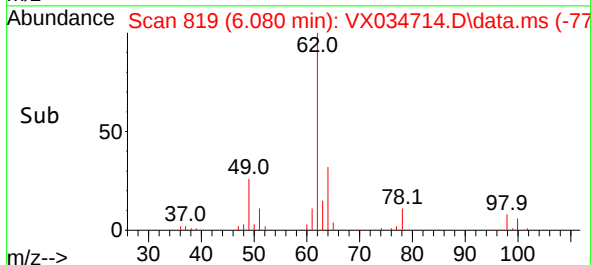
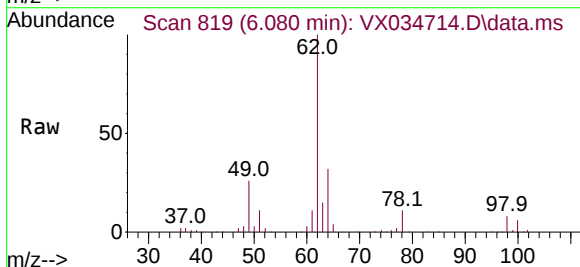
Manual Integrations
APPROVED

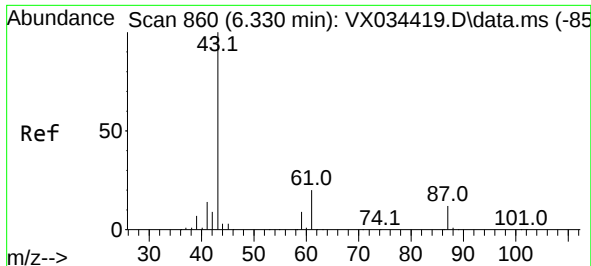
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
1,2-Dichloroethane
Concen: 22.999 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 62 Resp: 152992
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 20.252 ug/l

RT: 6.330 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 43 Resp: 23190

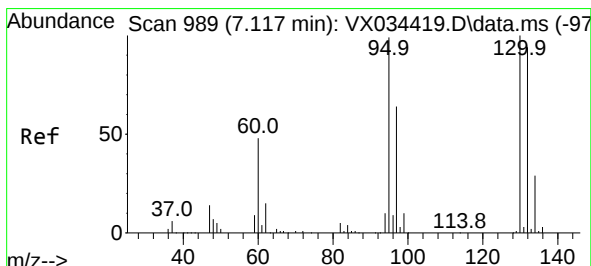
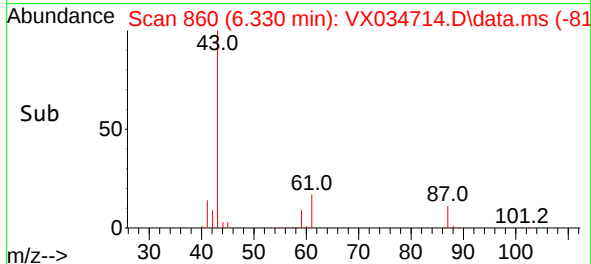
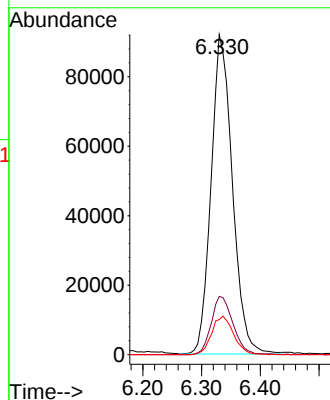
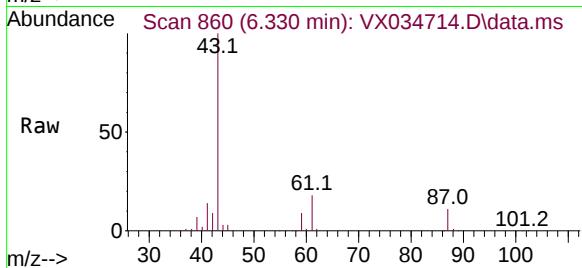
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.2	22.8
87	12.4	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#44

Trichloroethene

Concen: 19.744 ug/l

RT: 7.123 min Scan# 990

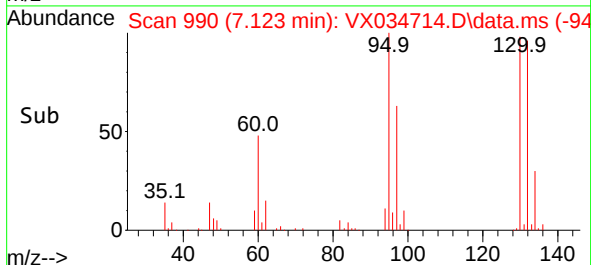
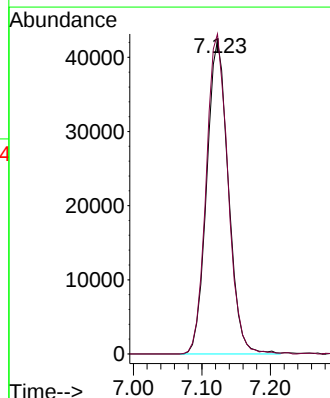
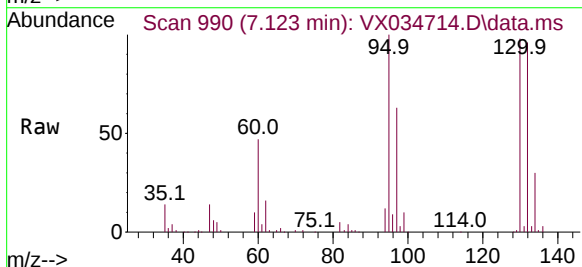
Delta R.T. 0.006 min

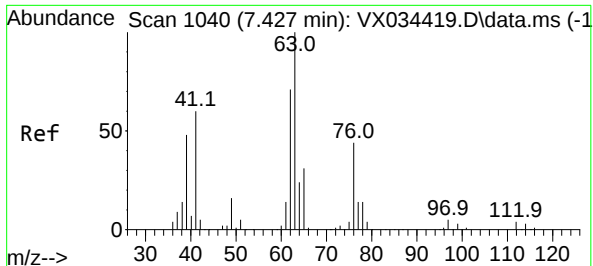
Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion:130 Resp: 92853

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	198.4





#45

1,2-Dichloropropane

Concen: 20.187 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 63 Resp: 95404

Ion Ratio Lower Upper

63 100

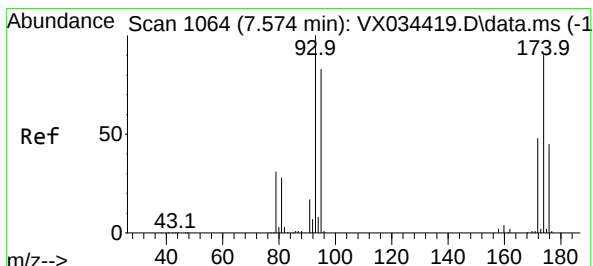
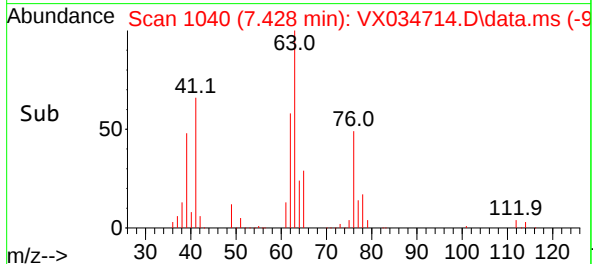
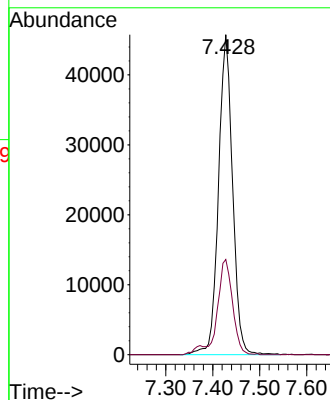
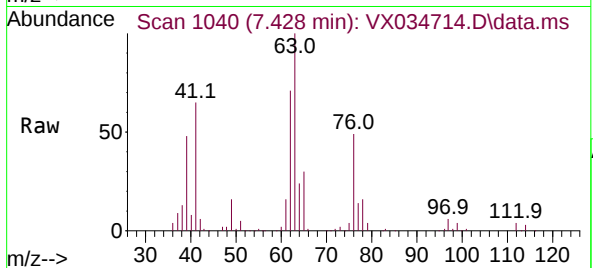
65 29.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Dibromomethane

Concen: 20.757 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

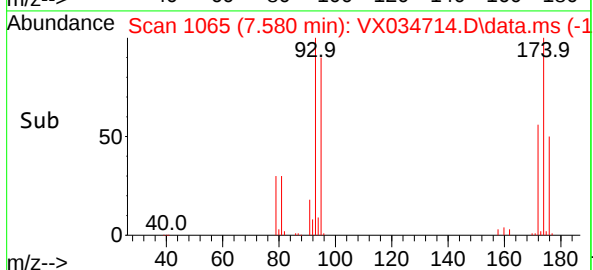
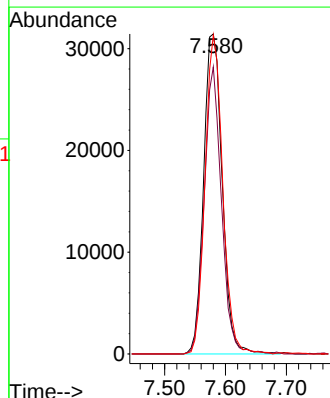
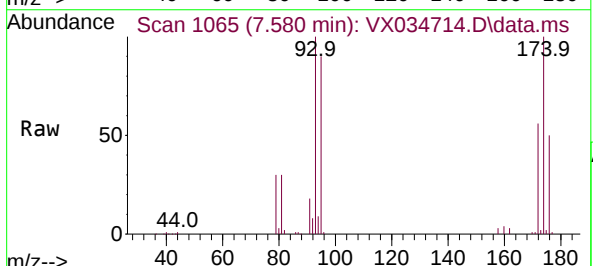
Tgt Ion: 93 Resp: 66691

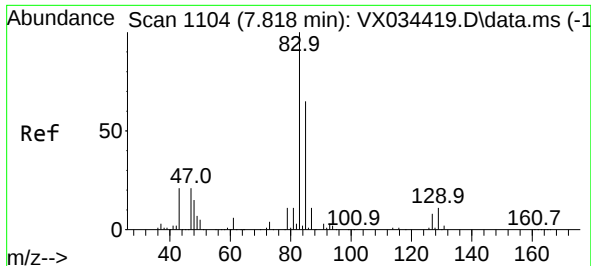
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

174 94.9 75.4 113.0





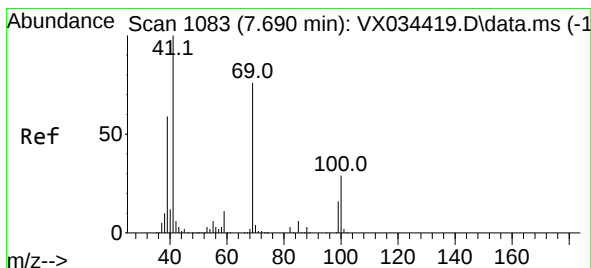
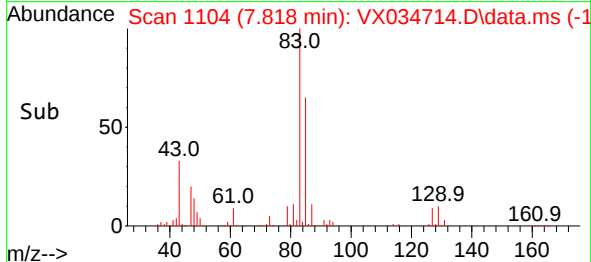
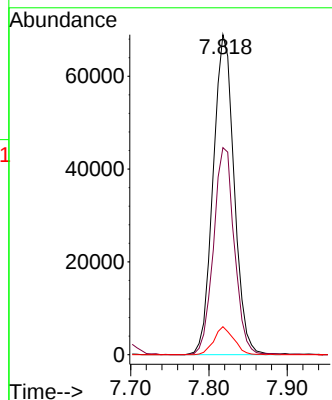
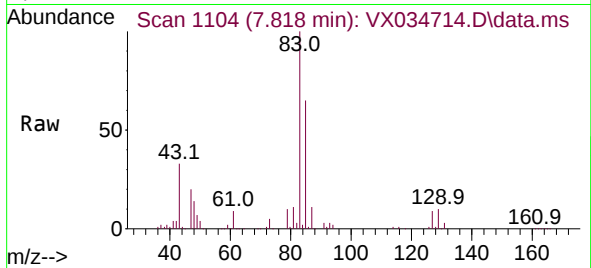
#47
Bromodichloromethane
Concen: 20.702 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 83 Resp: 128735
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.8 6.6 9.8

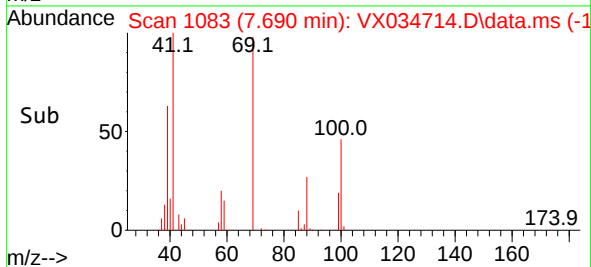
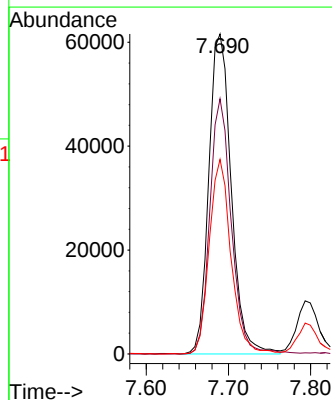
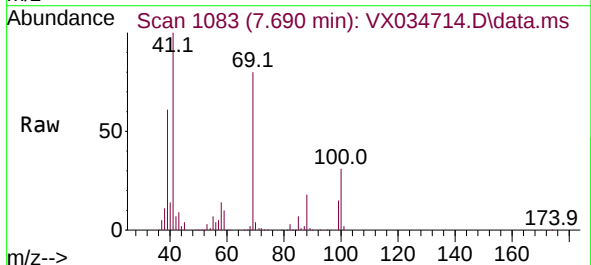
Manual Integrations
APPROVED

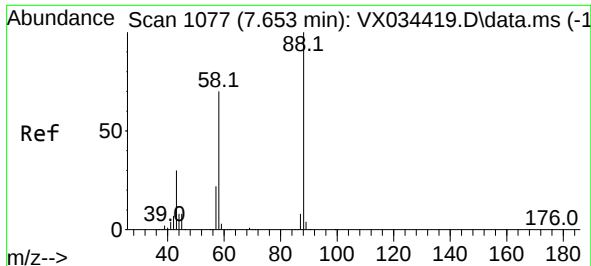
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
Methyl methacrylate
Concen: 21.213 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

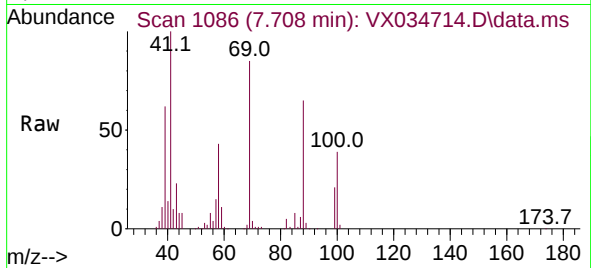
Tgt Ion: 41 Resp: 116828
Ion Ratio Lower Upper
41 100
69 76.5 62.2 93.4
39 59.0 47.7 71.5





#49
1,4-Dioxane
Concen: 417.348 ug/l
RT: 7.708 min Scan# 1077
Delta R.T. 0.055 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

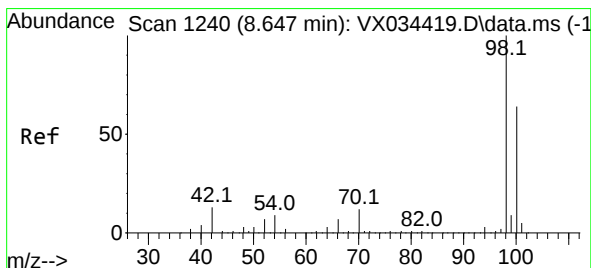
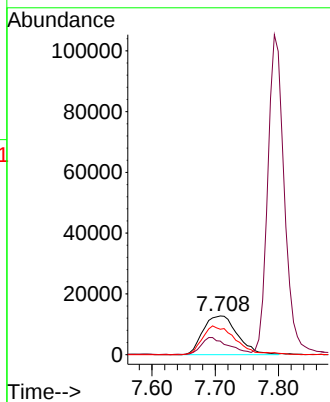
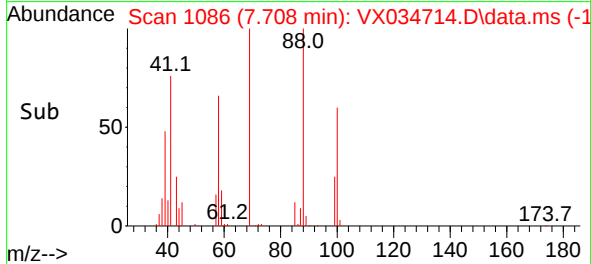
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion: 88 Resp: 48270
Ion Ratio Lower Upper
88 100
43 36.1 27.7 41.5
58 71.6 56.8 85.2

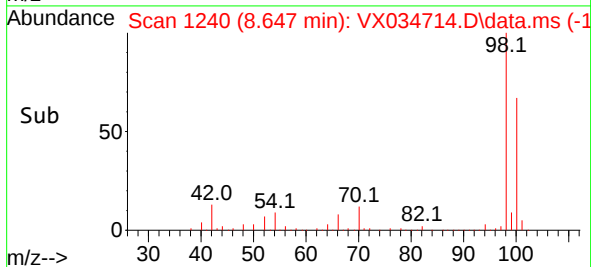
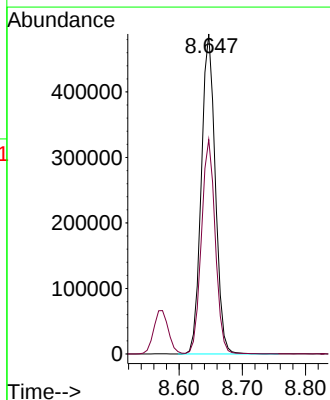
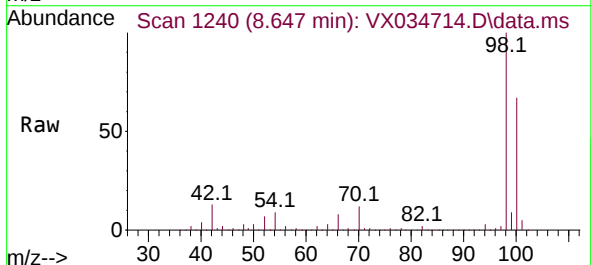
Manual Integrations
APPROVED

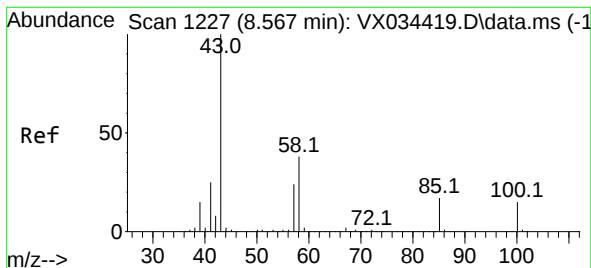
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#50
Toluene-d8
Concen: 50.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

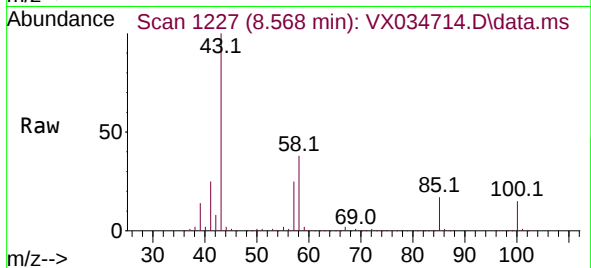
Tgt Ion: 98 Resp: 752501
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 105.352 ug/l
RT: 8.568 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

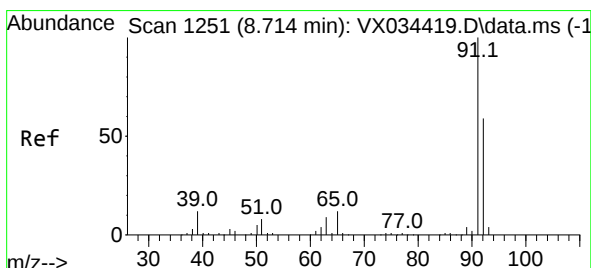
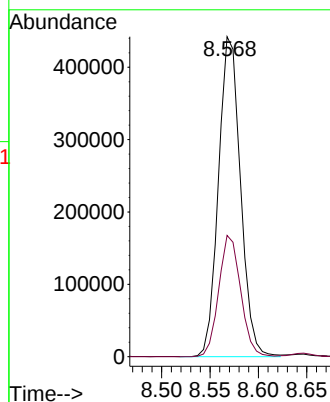
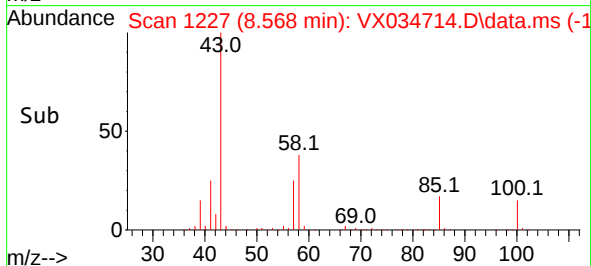
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



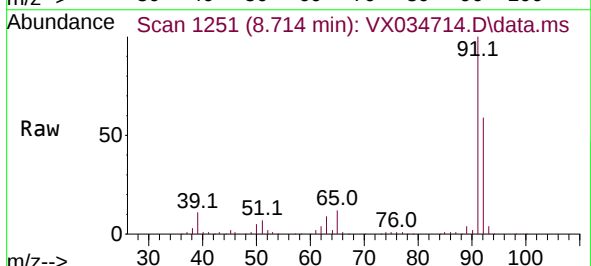
Tgt Ion: 43 Resp: 699820
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

Manual Integrations
APPROVED

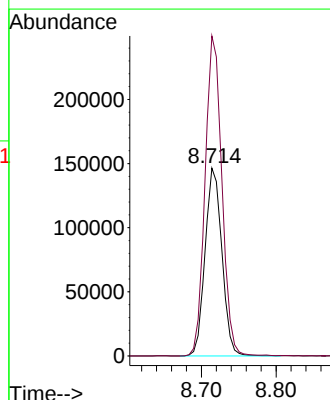
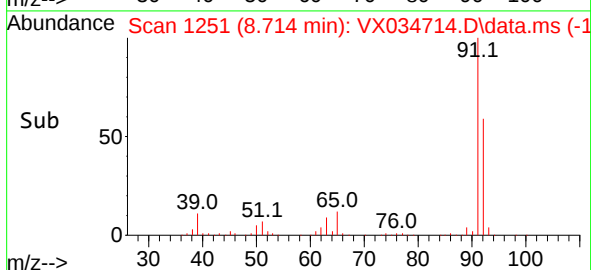
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

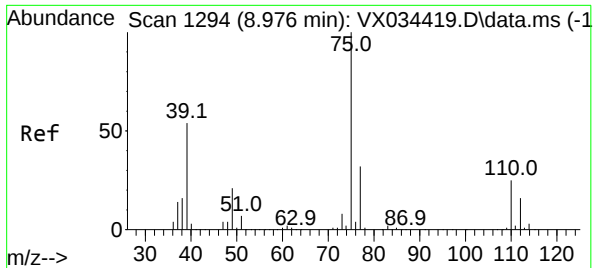


#52
Toluene
Concen: 20.457 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09



Tgt Ion: 92 Resp: 229244
Ion Ratio Lower Upper
92 100
91 170.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.148 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 75 Resp: 141150

Ion Ratio Lower Upper

75 100

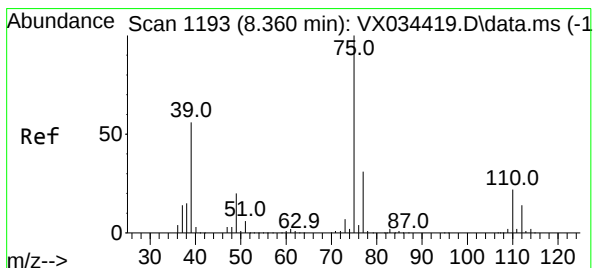
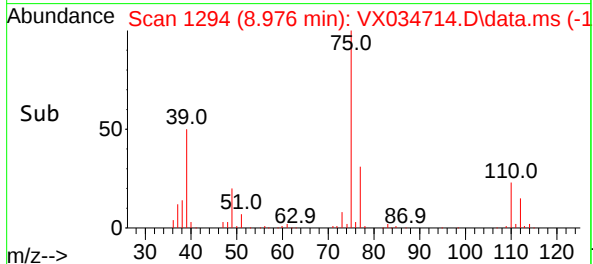
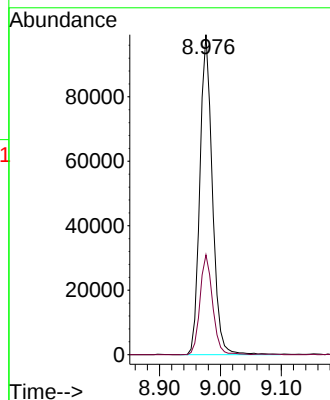
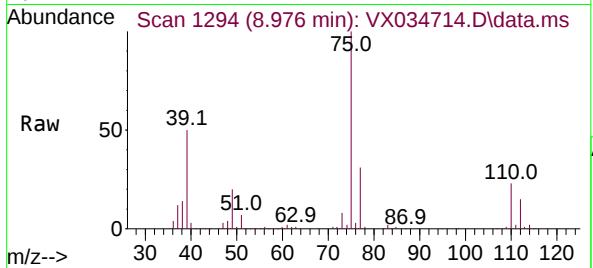
77 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#54

cis-1,3-Dichloropropene

Concen: 20.205 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

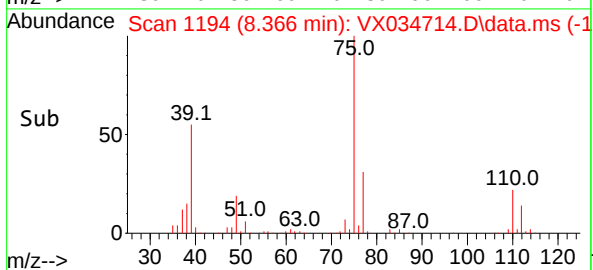
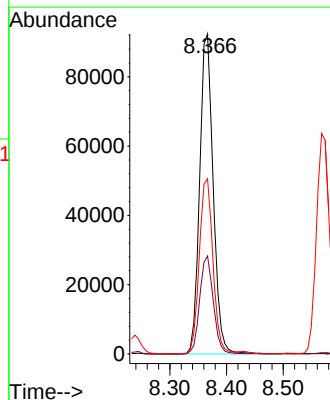
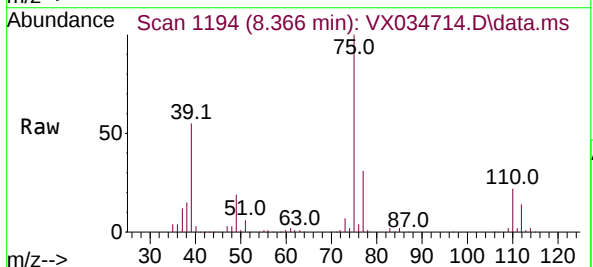
Tgt Ion: 75 Resp: 153143

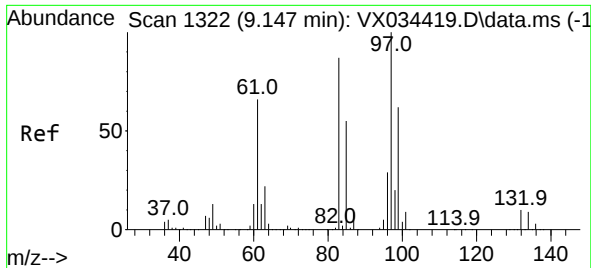
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4

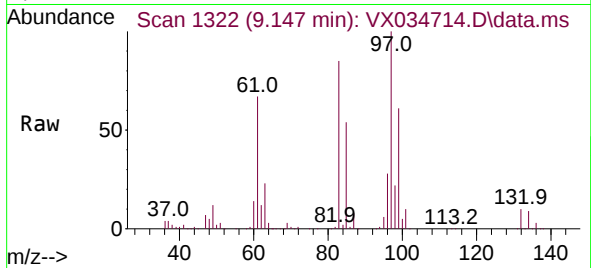
39 54.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.013 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

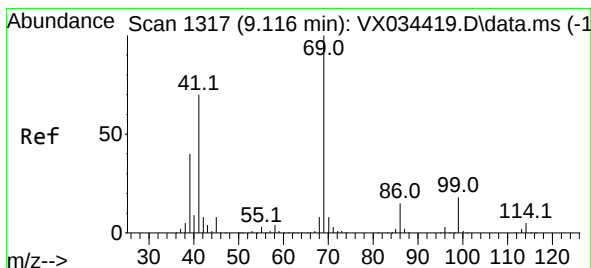
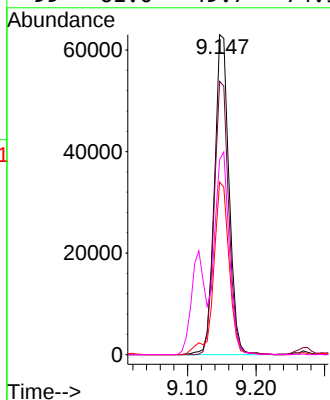
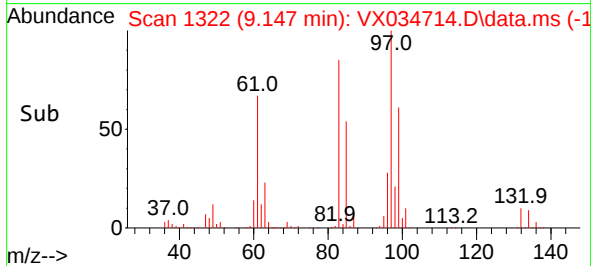
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



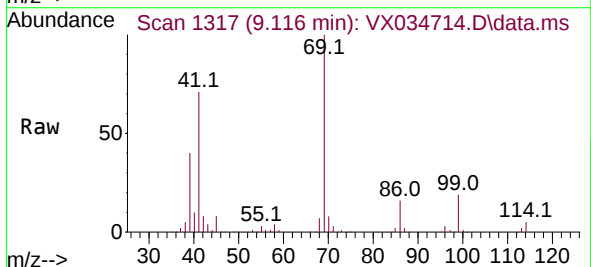
Tgt Ion: 97 Resp: 9345
Ion Ratio Lower Upper
97 100
83 85.4 69.7 104.5
85 54.0 43.7 65.5
99 61.0 49.7 74.5

Manual Integrations
APPROVED

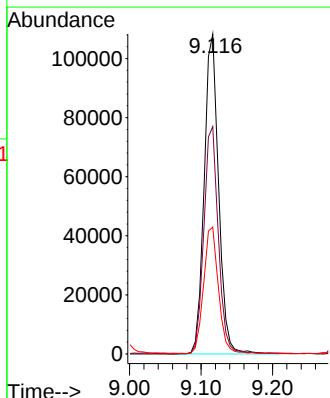
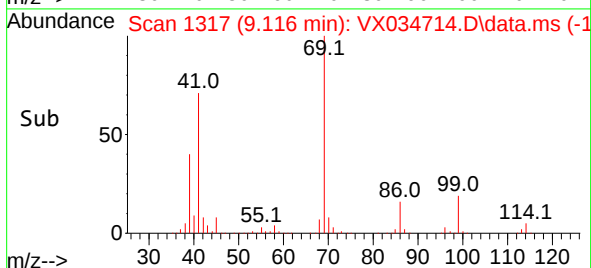
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

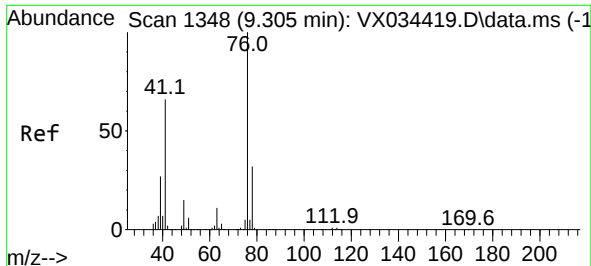


#56
Ethyl methacrylate
Concen: 20.820 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09



Tgt Ion: 69 Resp: 152027
Ion Ratio Lower Upper
69 100
41 71.8 57.4 86.0
39 40.6 33.7 50.5





#57

1,3-Dichloropropane

Concen: 21.064 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 76 Resp: 16648

Ion Ratio Lower Upper

76 100

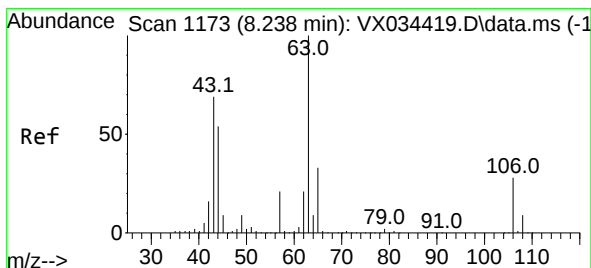
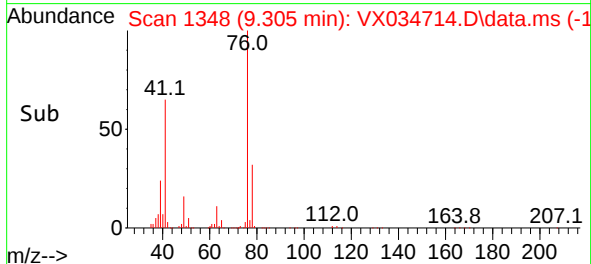
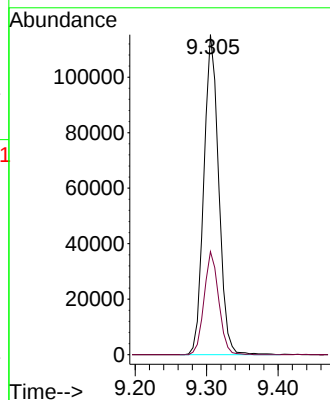
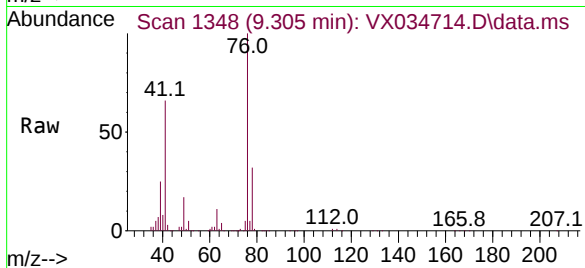
78 31.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.848 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034714.D

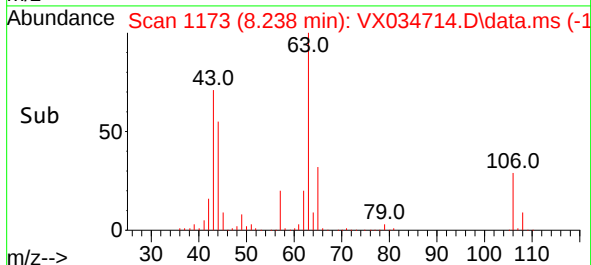
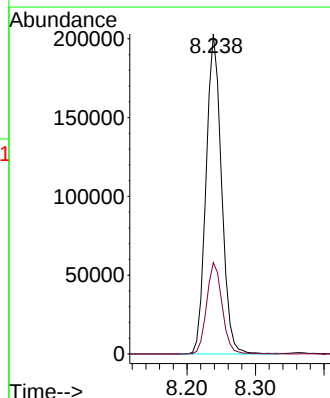
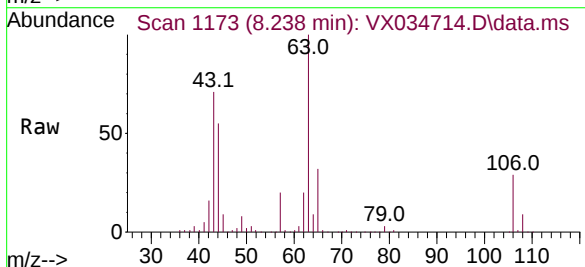
Acq: 24 Mar 2023 12:09

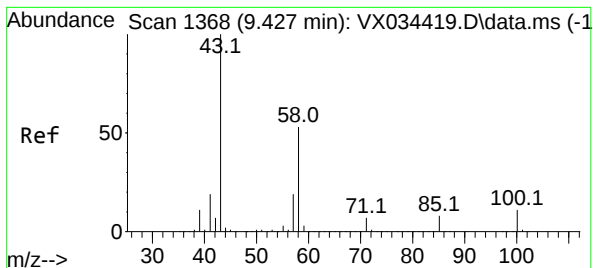
Tgt Ion: 63 Resp: 319288

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





#59

2-Hexanone

Concen: 102.260 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion: 43 Resp: 52510

Ion Ratio Lower Upper

43 100

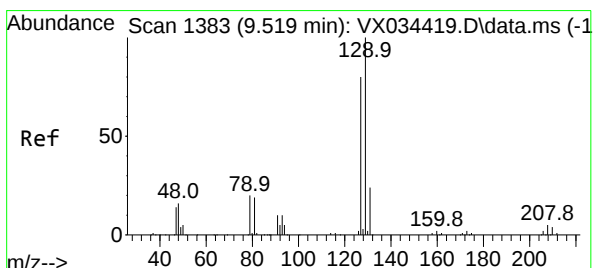
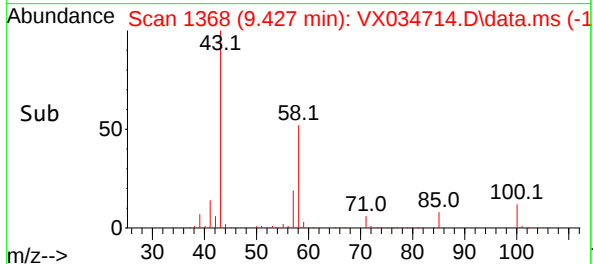
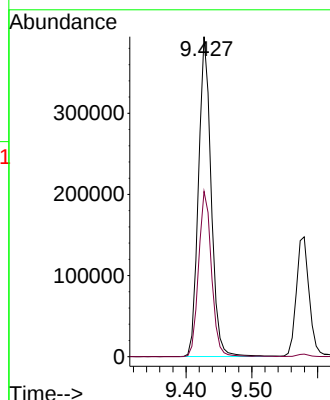
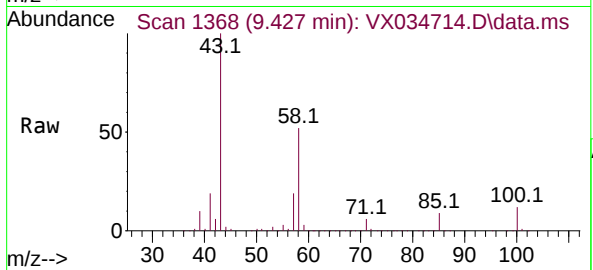
58 52.6 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#60

Dibromochloromethane

Concen: 20.181 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034714.D

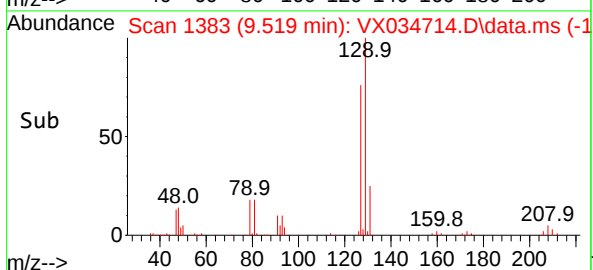
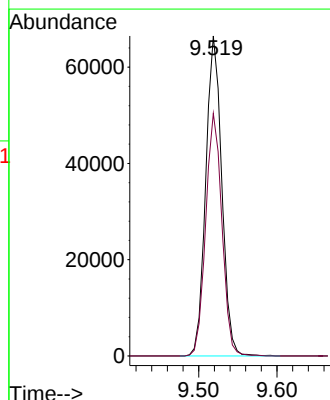
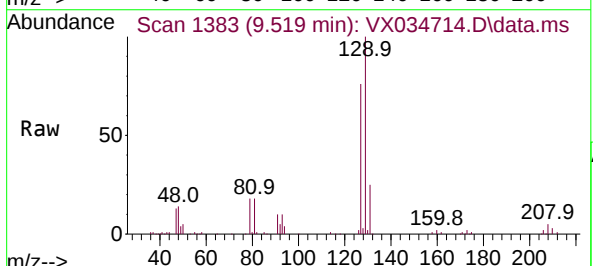
Acq: 24 Mar 2023 12:09

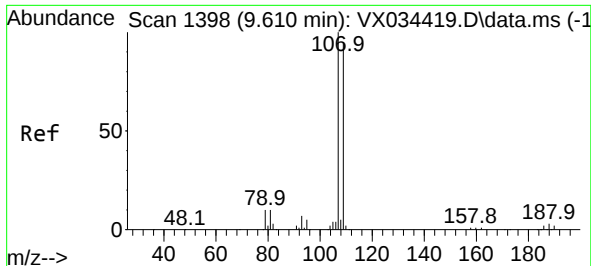
Tgt Ion:129 Resp: 94127

Ion Ratio Lower Upper

129 100

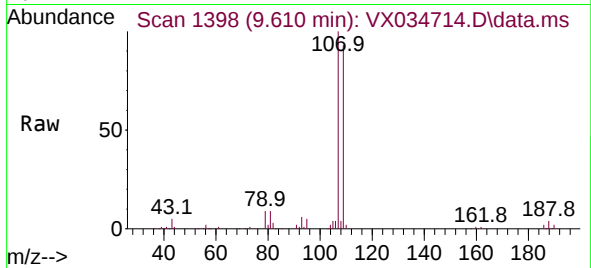
127 76.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.421 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

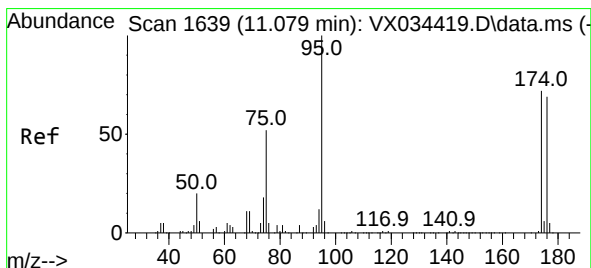
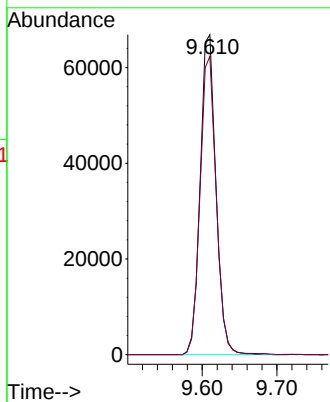
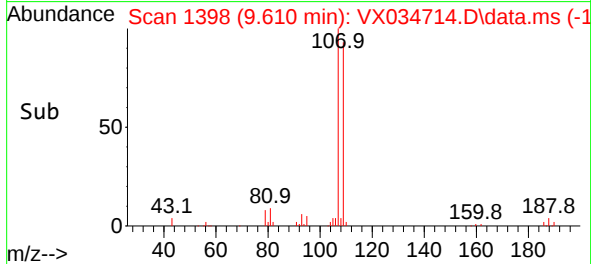
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion:107 Resp: 9800
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9

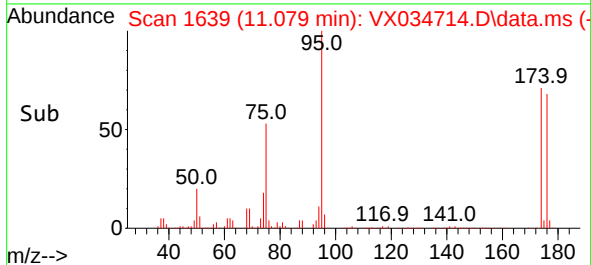
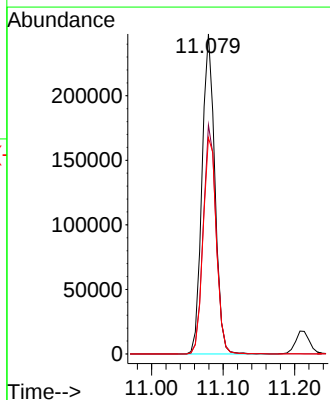
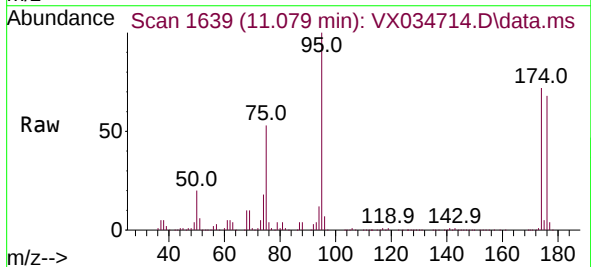
Manual Integrations
APPROVED

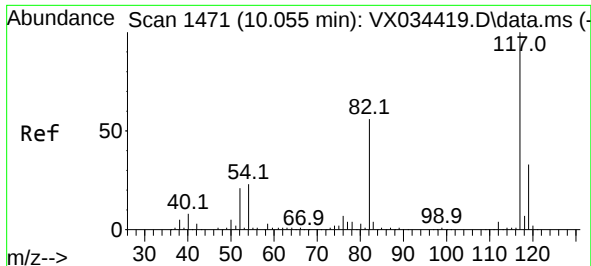
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#62
4-Bromofluorobenzene
Concen: 50.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

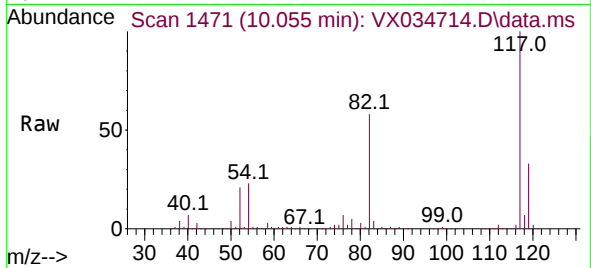
Tgt Ion: 95 Resp: 308694
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 70.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

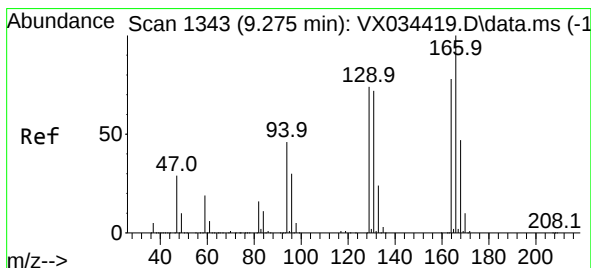
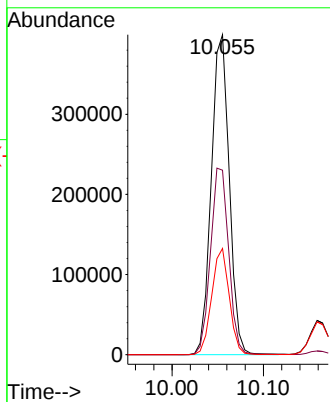
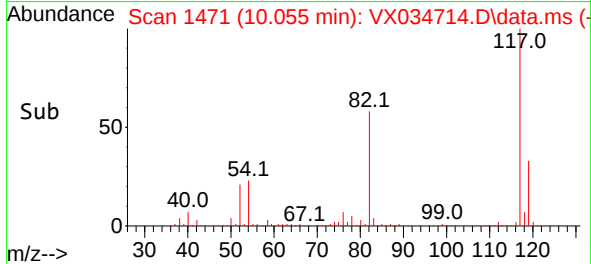
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion:117 Resp: 54314
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 33.2 26.0 39.0

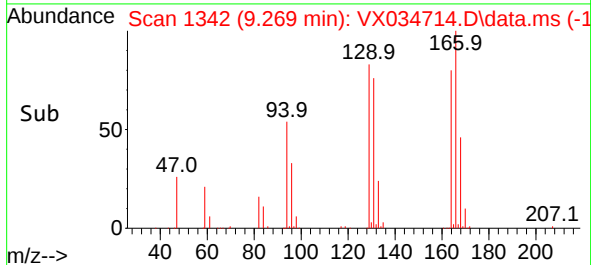
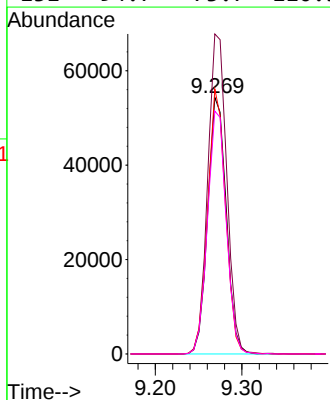
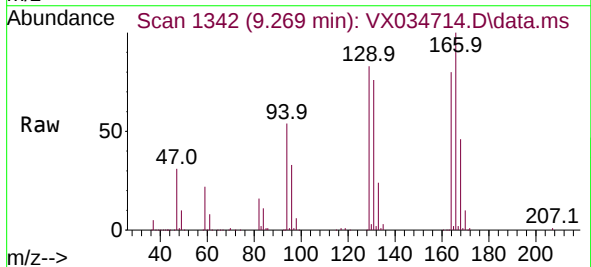
Manual Integrations
APPROVED

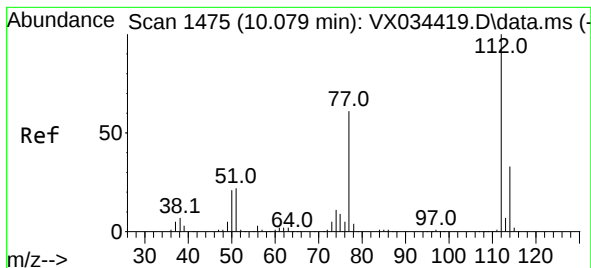
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#64
Tetrachloroethene
Concen: 22.127 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

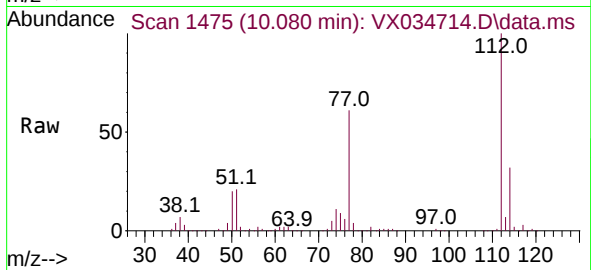
Tgt Ion:164 Resp: 80730
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 103.2 75.6 113.4
131 94.7 73.7 110.5





#65
Chlorobenzene
Concen: 20.506 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

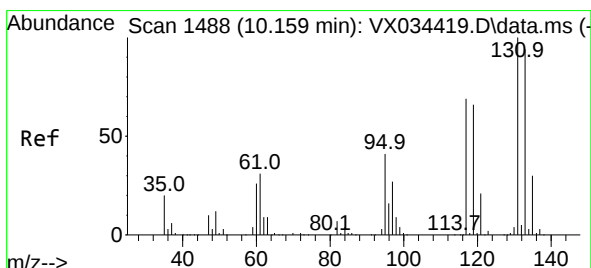
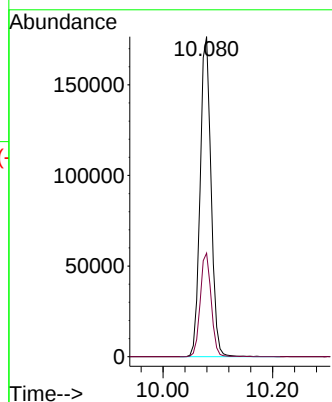
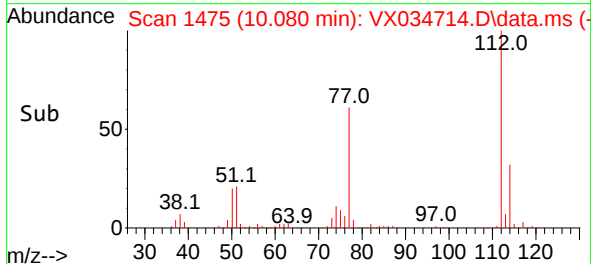
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion:112 Resp: 244369
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

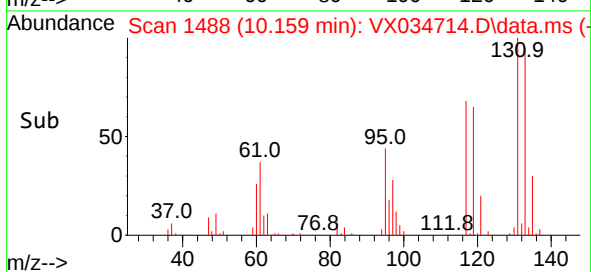
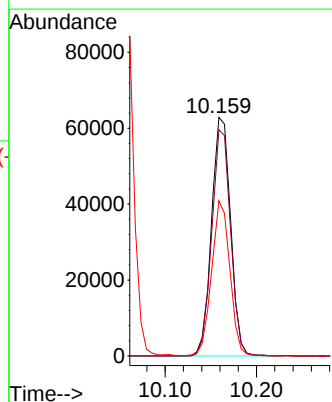
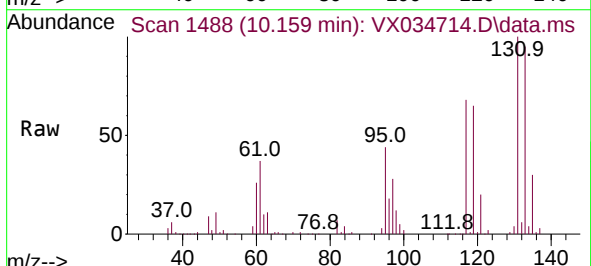
Manual Integrations
APPROVED

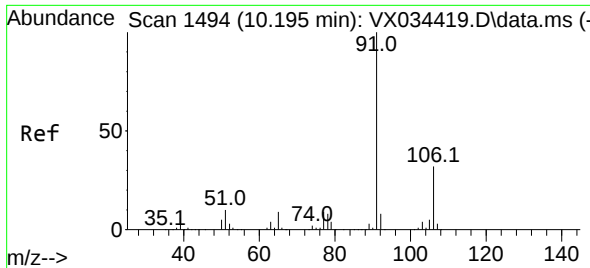
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.918 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

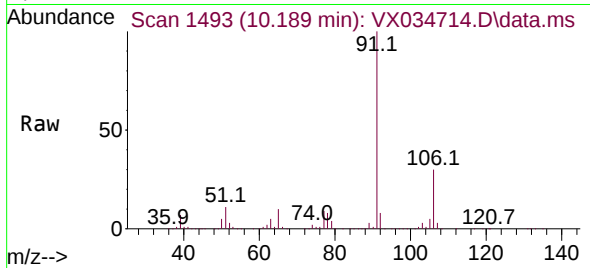
Tgt Ion:131 Resp: 90789
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.4
119 62.5 32.6 98.0





#67
Ethyl Benzene
Concen: 21.010 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

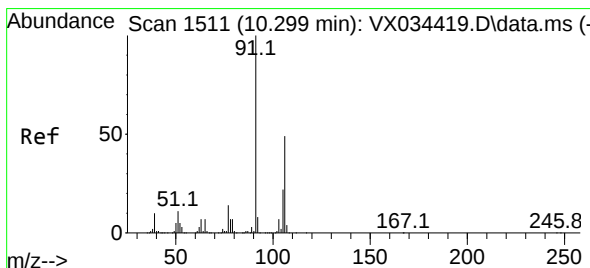
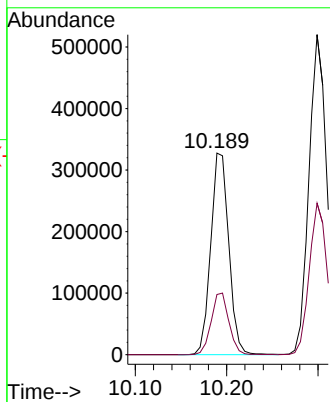
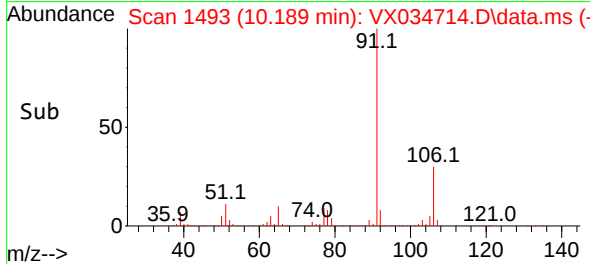
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion: 91 Resp: 448230
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

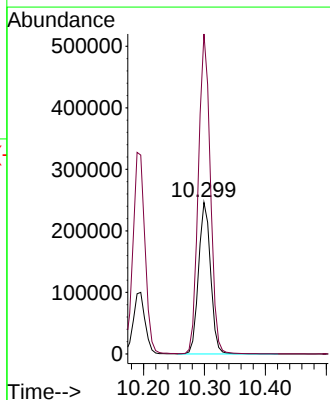
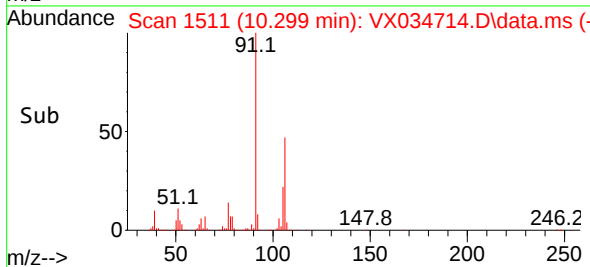
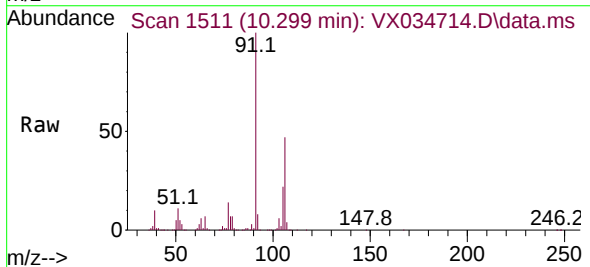
Manual Integrations
APPROVED

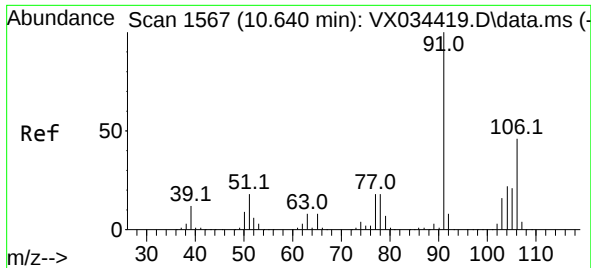
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
m/p-Xylenes
Concen: 41.074 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion:106 Resp: 336616
Ion Ratio Lower Upper
106 100
91 210.5 164.0 246.0





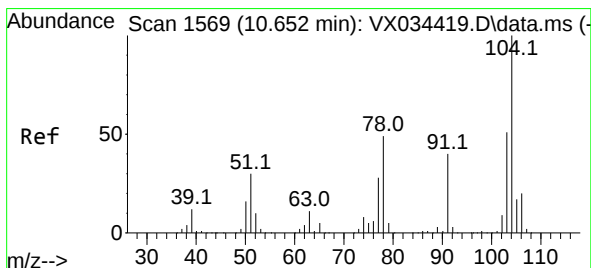
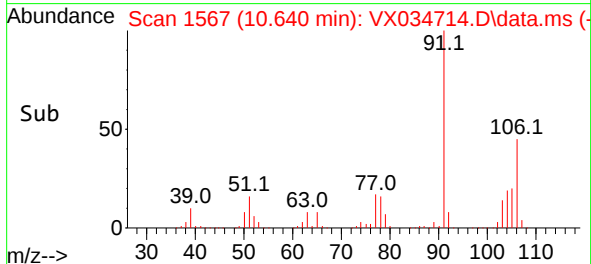
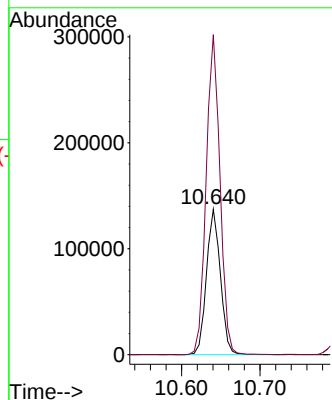
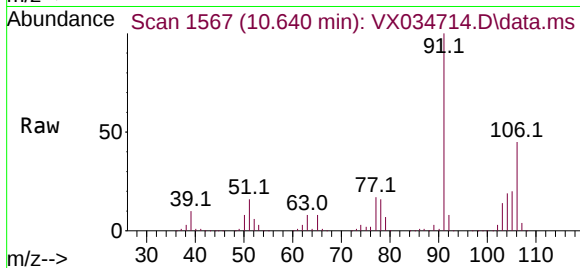
#69
o-Xylene
Concen: 20.522 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion:106 Resp: 168782
Ion Ratio Lower Upper
106 100
91 219.3 108.5 325.3

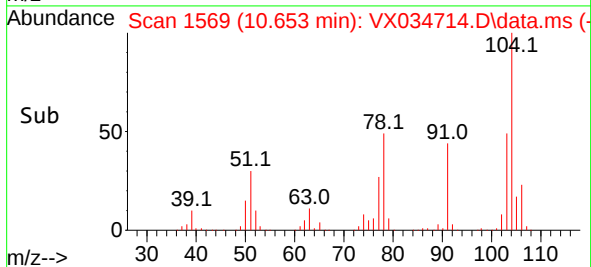
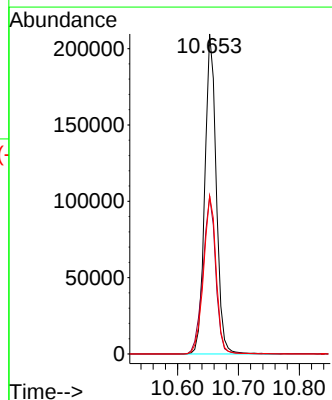
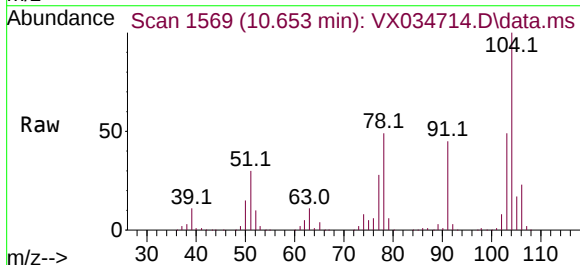
Manual Integrations
APPROVED

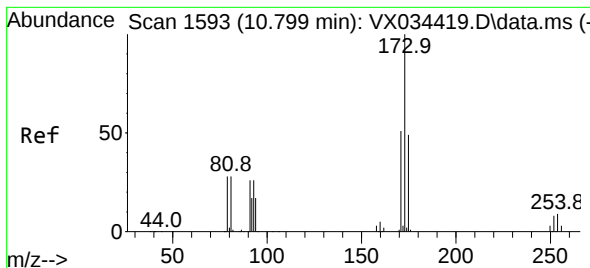
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Styrene
Concen: 20.675 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion:104 Resp: 274337
Ion Ratio Lower Upper
104 100
78 55.0 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 18.827 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

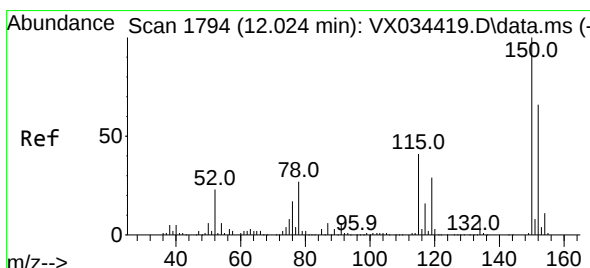
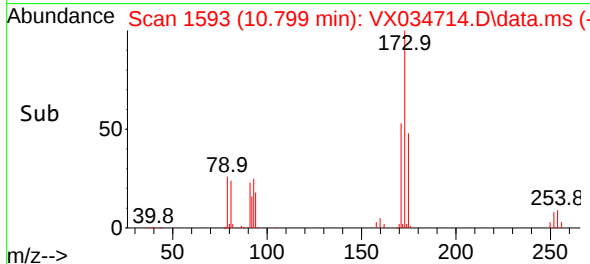
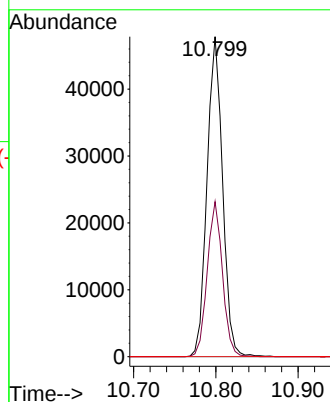
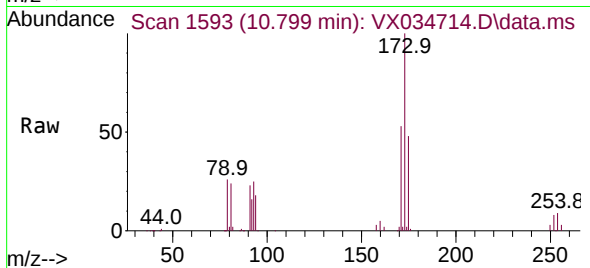
Tgt Ion:173	Resp:	62900
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

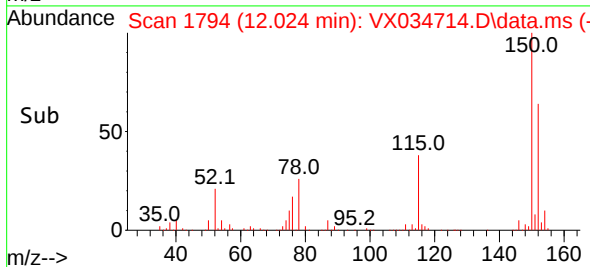
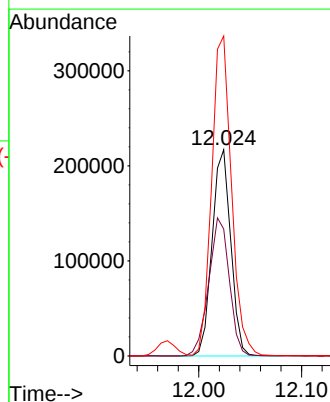
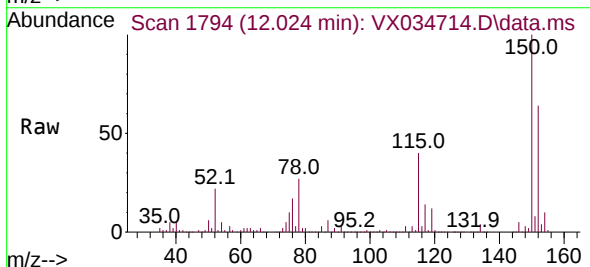
RT: 12.024 min Scan# 1794

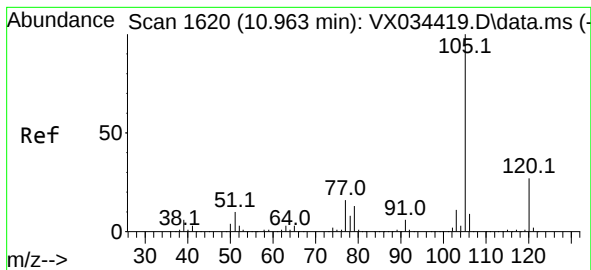
Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion:152	Resp:	273092
Ion Ratio	Lower	Upper
152	100	
115	74.0	45.0 135.0
150	165.2	0.0 352.4





#73

Isopropylbenzene

Concen: 20.698 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion:105 Resp: 436858

Ion Ratio Lower Upper

105 100

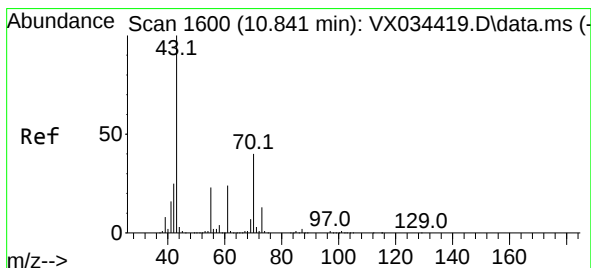
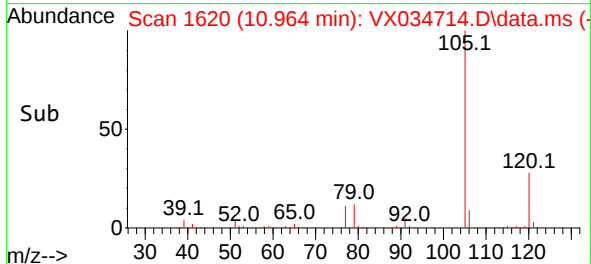
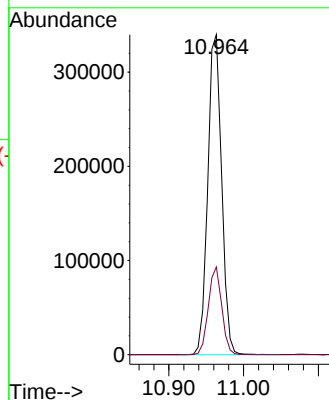
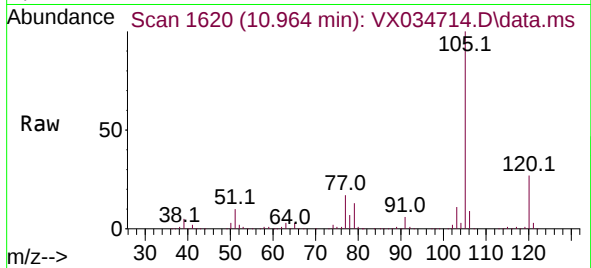
120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#74

N-ethyl acetate

Concen: 19.805 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion: 43 Resp: 200219

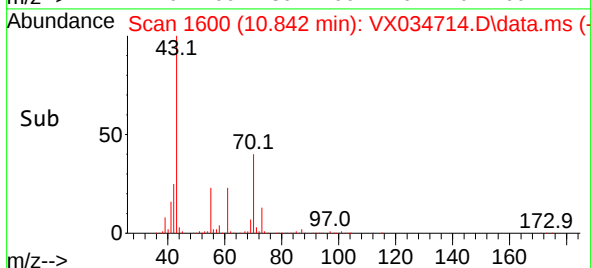
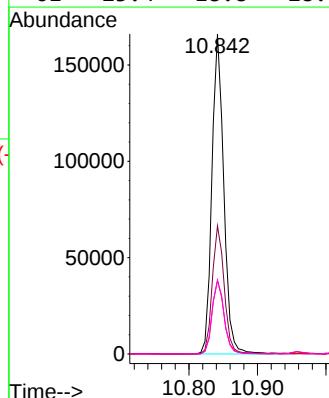
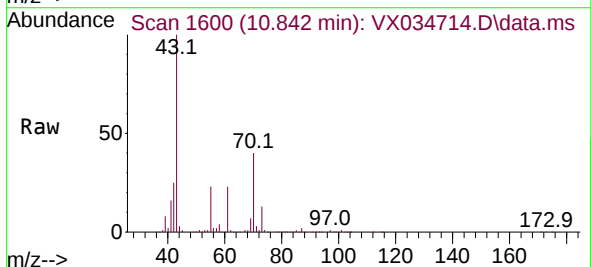
Ion Ratio Lower Upper

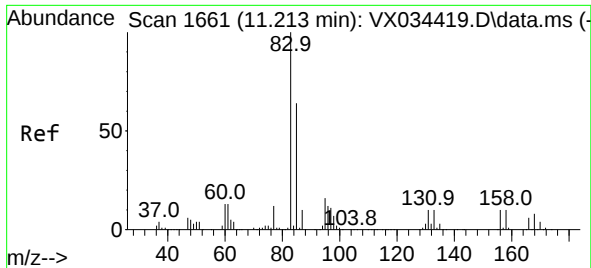
43 100

70 40.4 32.1 48.1

55 23.4 18.3 27.5

61 23.4 18.8 28.2





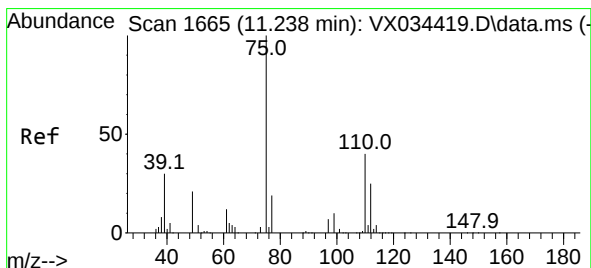
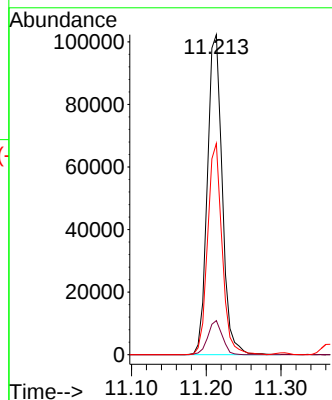
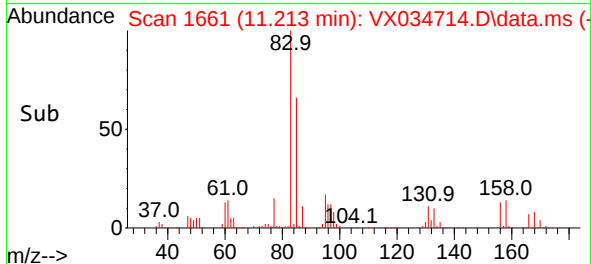
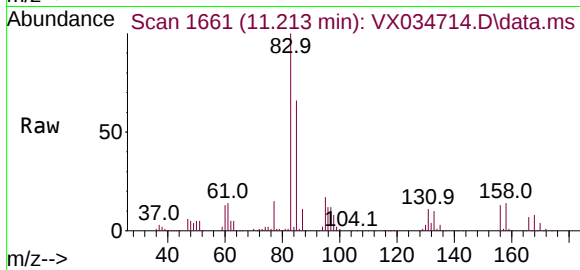
#75
1,1,2,2-Tetrachloroethane
Concen: 20.041 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 83 Resp: 14115
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 64.3 32.0 96.0

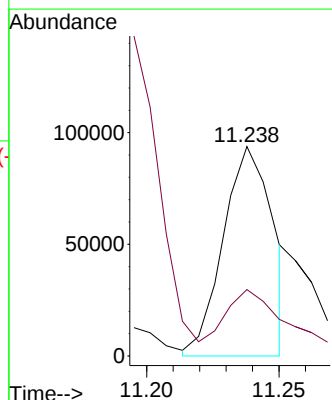
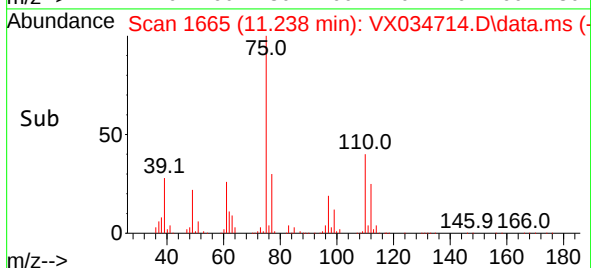
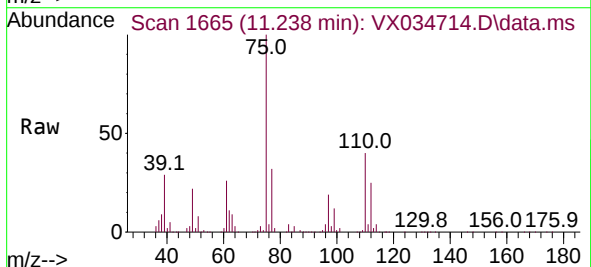
Manual Integrations
APPROVED

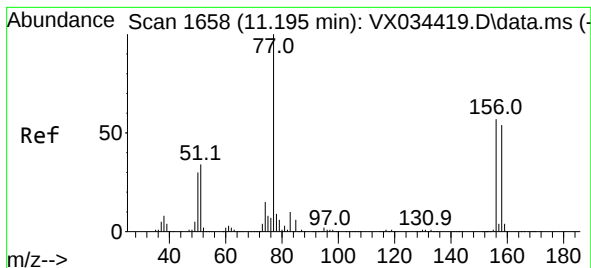
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,2,3-Trichloropropane
Concen: 19.526 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 75 Resp: 122435
Ion Ratio Lower Upper
75 100
77 40.7 21.6 64.8





#77

Bromobenzene

Concen: 20.264 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion:156 Resp: 102618

Ion Ratio Lower Upper

156 100

77 176.5 86.7 259.9

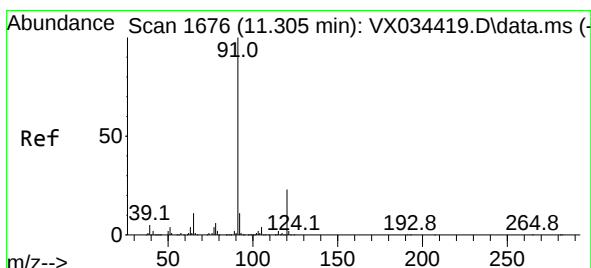
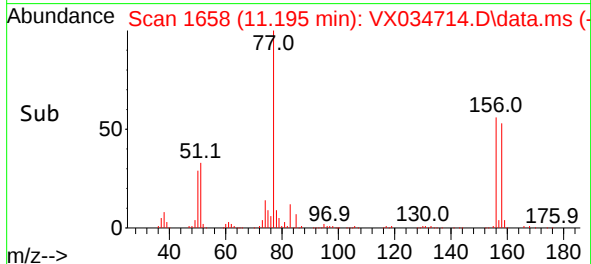
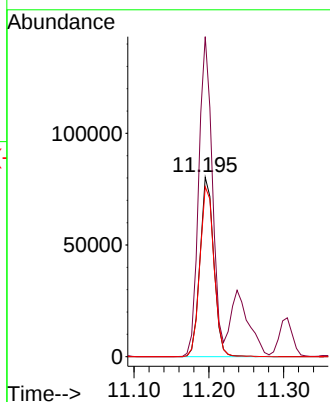
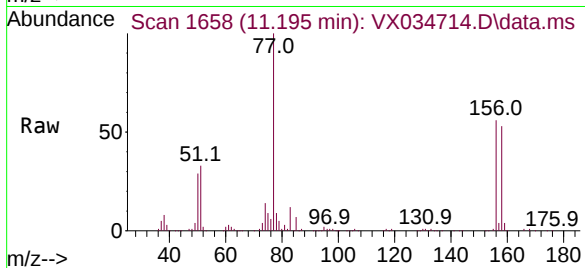
158 97.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#78

n-propylbenzene

Concen: 21.013 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034714.D

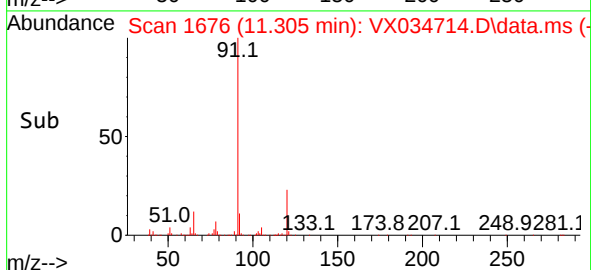
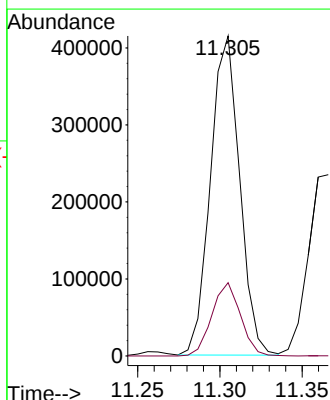
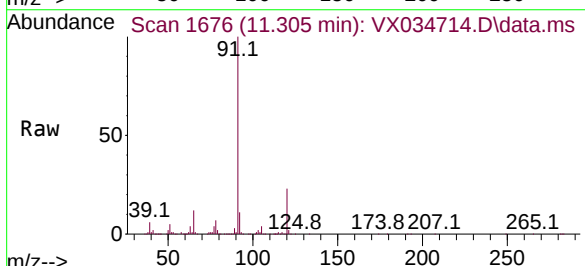
Acq: 24 Mar 2023 12:09

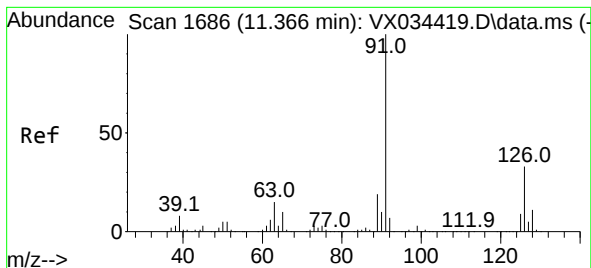
Tgt Ion: 91 Resp: 512210

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5





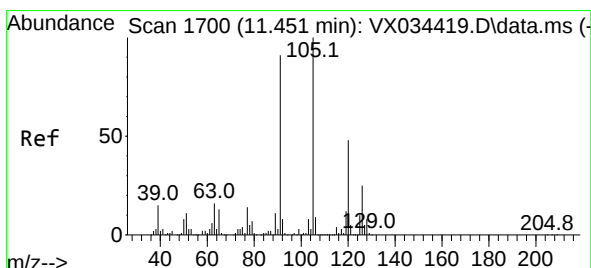
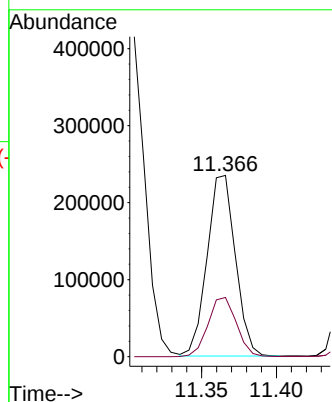
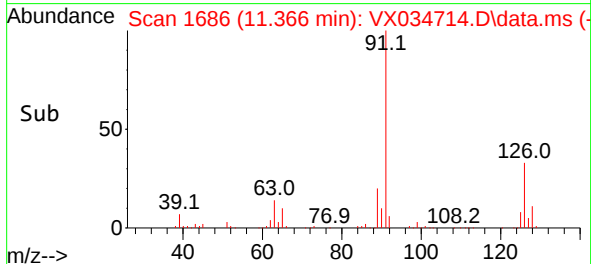
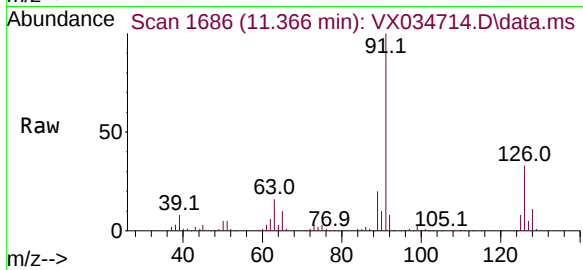
#79
2-Chlorotoluene
Concen: 20.541 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 91 Resp: 30923
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

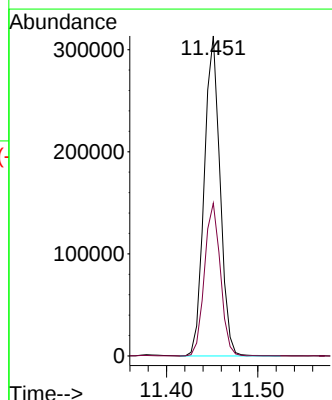
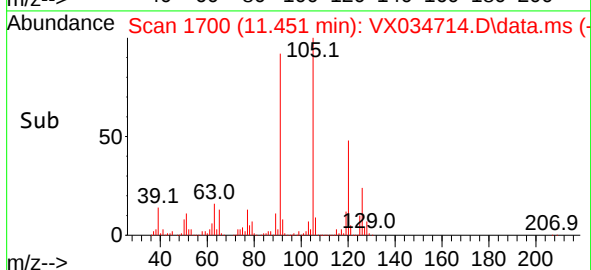
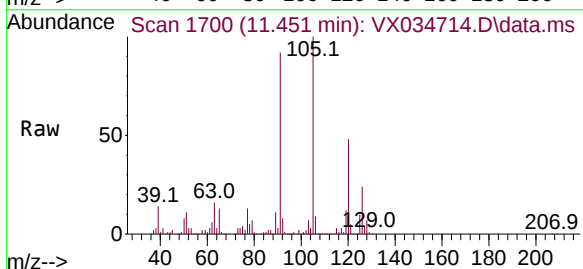
Manual Integrations
APPROVED

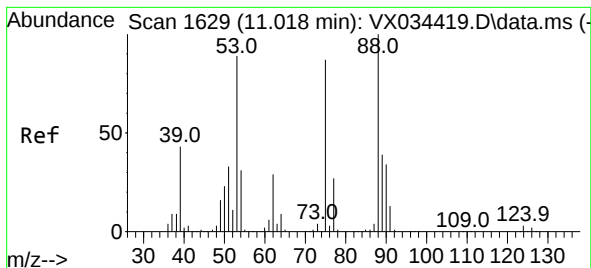
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.210 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion:105 Resp: 375491
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





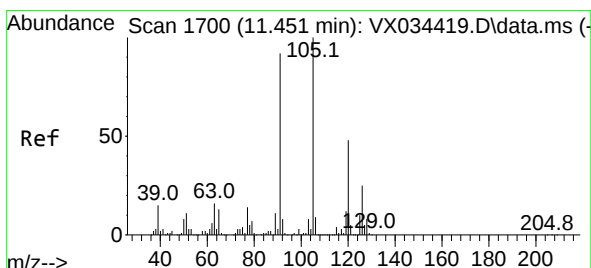
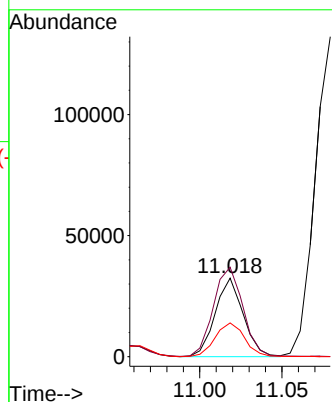
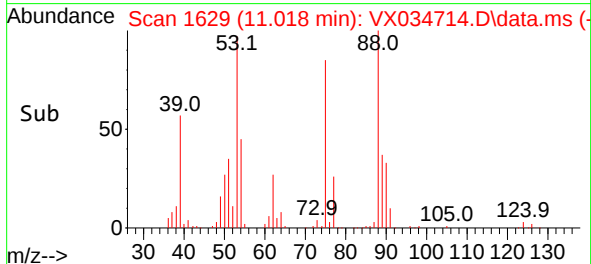
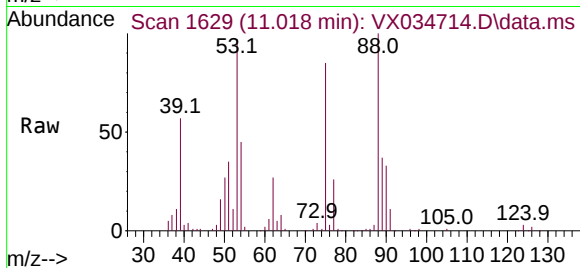
#81
trans-1,4-Dichloro-2-butene
Concen: 16.598 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion: 75 Resp: 38472
Ion Ratio Lower Upper
75 100
53 120.4 82.6 124.0
89 45.3 36.9 55.3

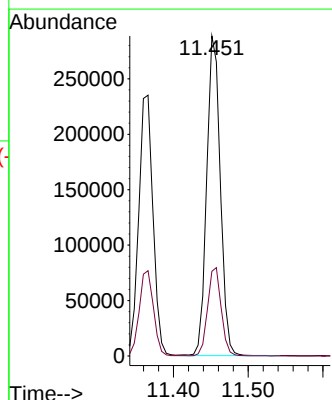
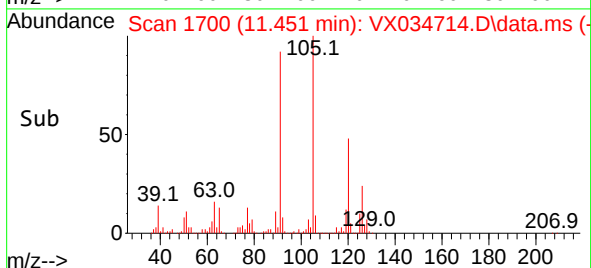
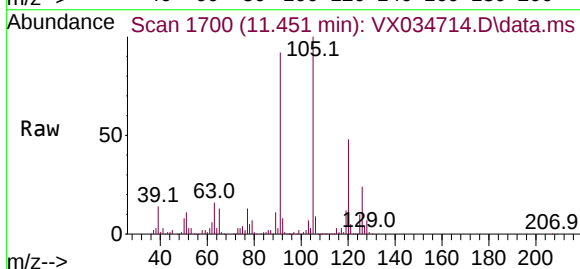
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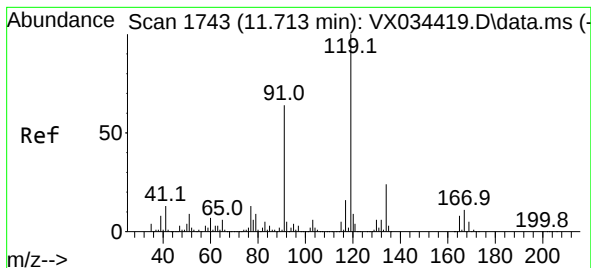
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#82
4-Chlorotoluene
Concen: 21.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion: 91 Resp: 364369
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.034 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion:119 Resp: 357590

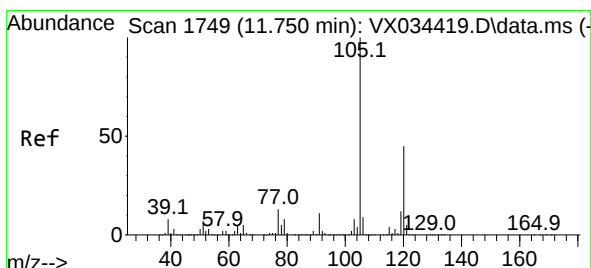
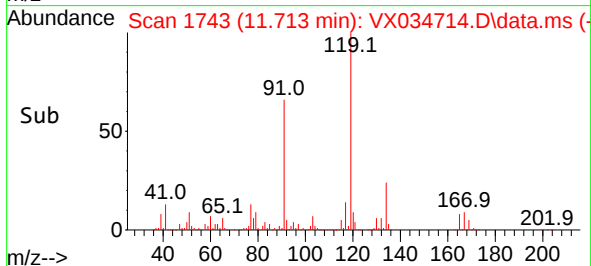
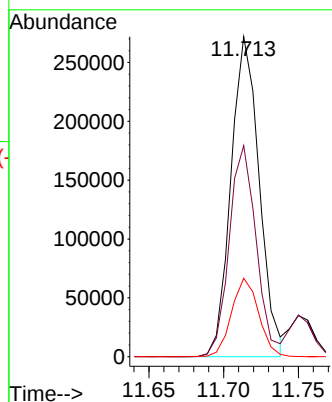
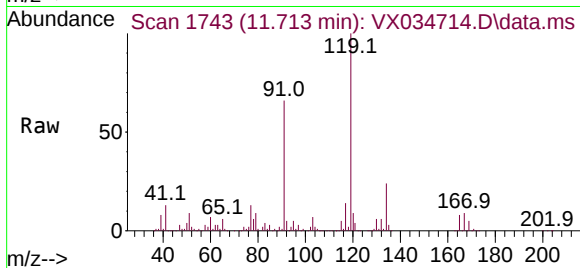
Ion	Ratio	Lower	Upper
119	100		
91	63.2	30.6	92.0
134	23.5	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.768 ug/l

RT: 11.750 min Scan# 1749

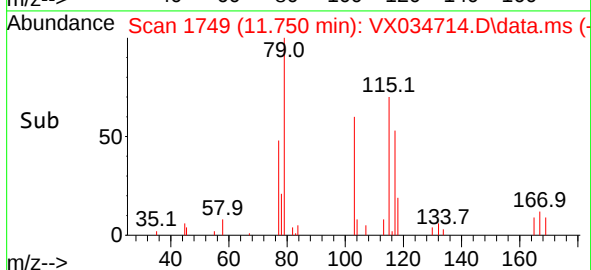
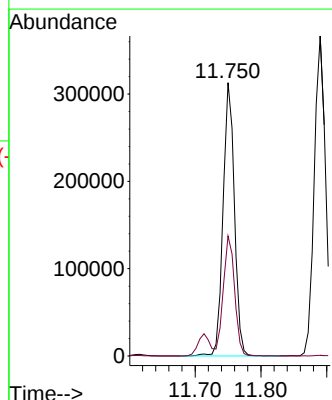
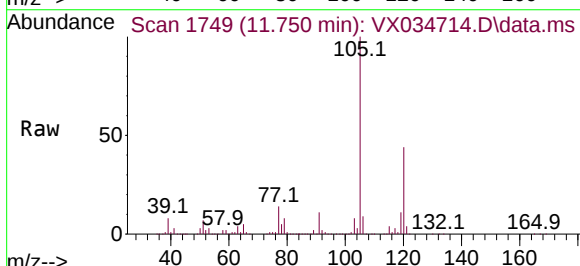
Delta R.T. 0.000 min

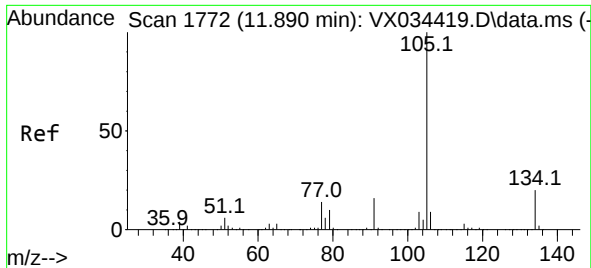
Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion:105 Resp: 375757

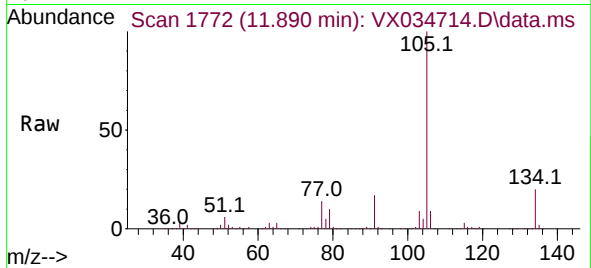
Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 20.226 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034714.D
 Acq: 24 Mar 2023 12:09

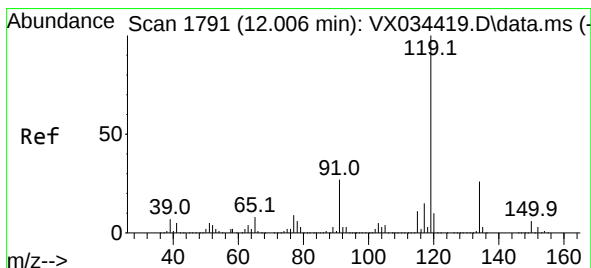
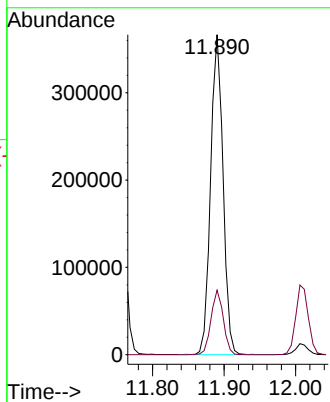
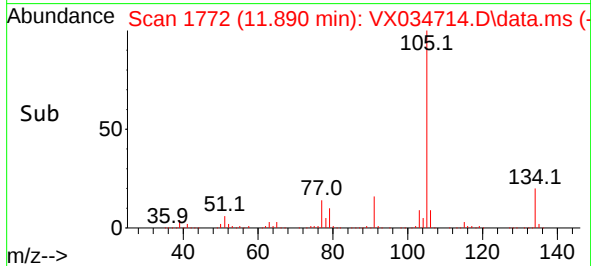
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01



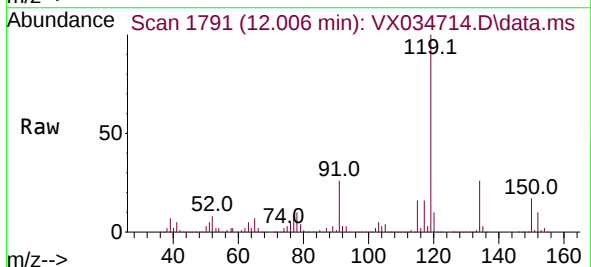
Tgt Ion:105 Resp: 441380
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations
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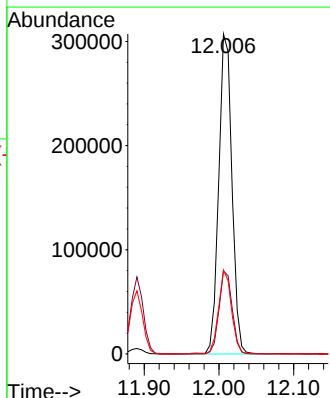
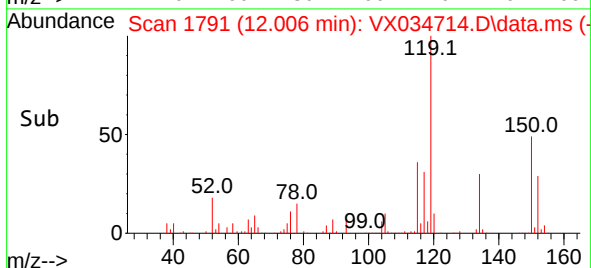
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

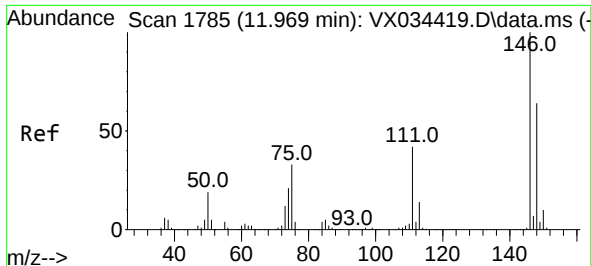


#86
 p-Isopropyltoluene
 Concen: 20.576 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034714.D
 Acq: 24 Mar 2023 12:09



Tgt Ion:119 Resp: 377366
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 25.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.630 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034714.D

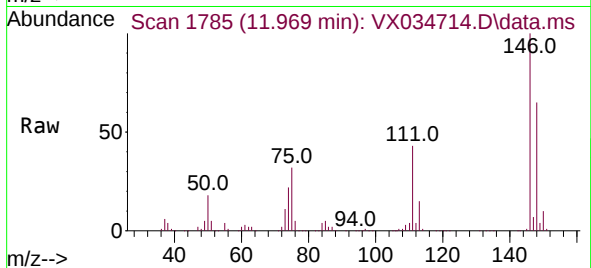
Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01



Tgt Ion:146 Resp: 194772

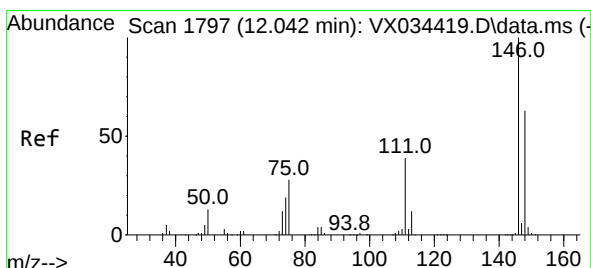
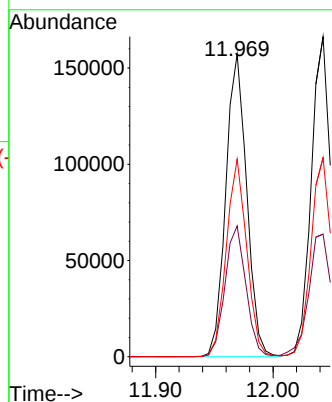
Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.9	62.8
148	63.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#88

1,4-Dichlorobenzene

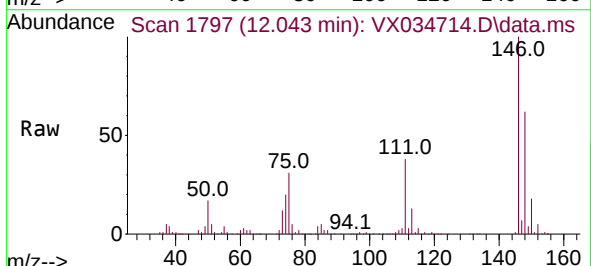
Concen: 19.801 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

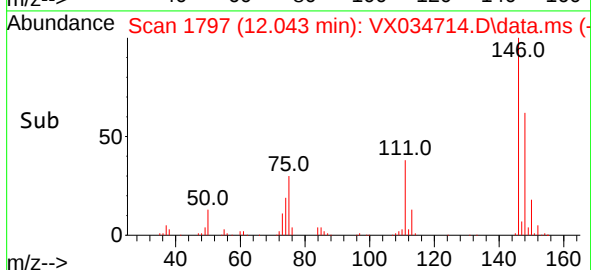
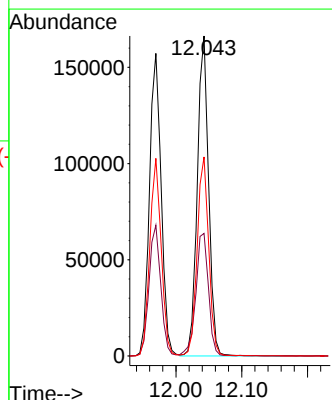
Lab File: VX034714.D

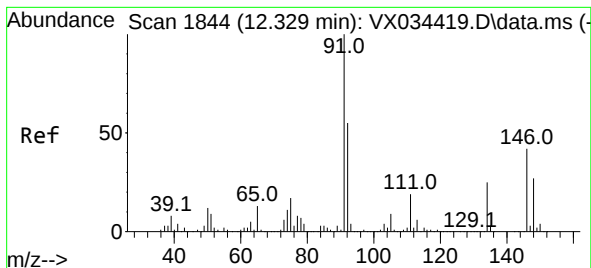
Acq: 24 Mar 2023 12:09



Tgt Ion:146 Resp: 198653

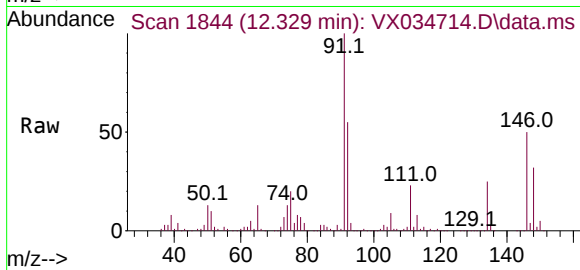
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.6	61.9
148	63.7	31.8	95.4





#89
n-Butylbenzene
Concen: 19.673 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

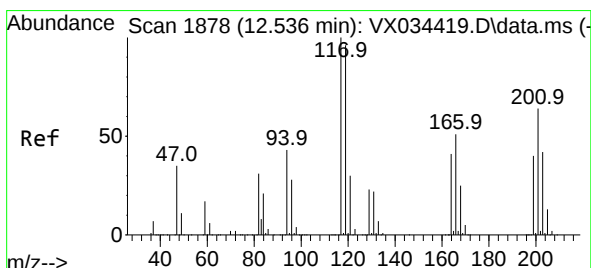
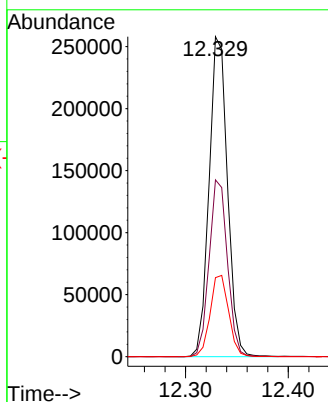
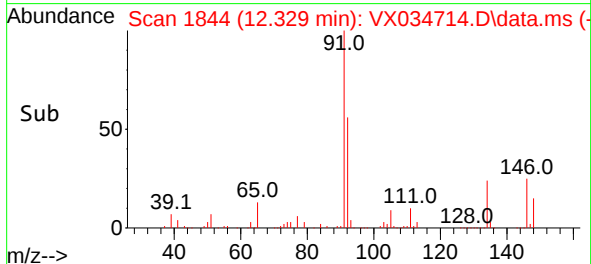
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



Tgt Ion: 91 Resp: 320758
Ion Ratio Lower Upper
91 100
92 55.0 27.7 83.0
134 25.6 13.0 38.9

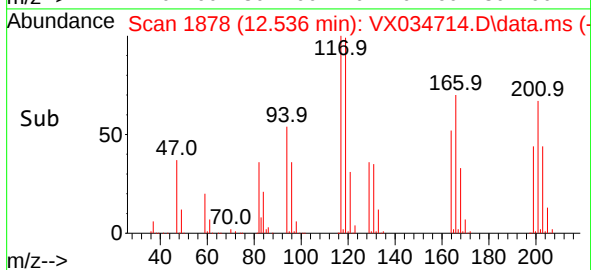
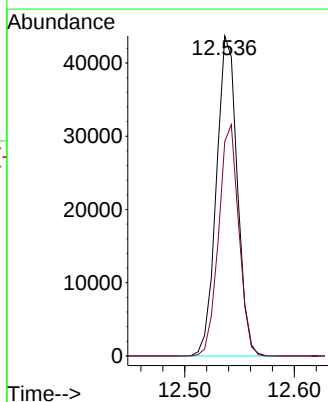
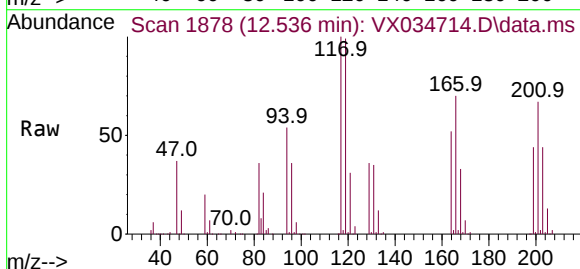
Manual Integrations
APPROVED

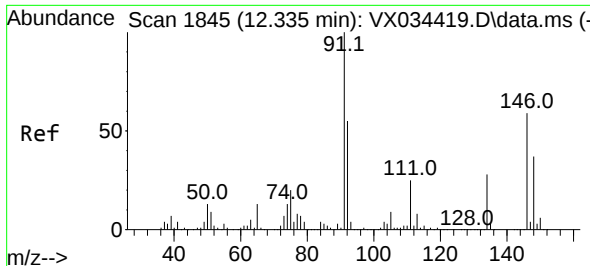
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachloroethane
Concen: 16.968 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

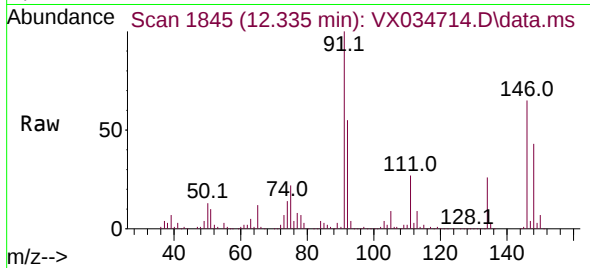
Tgt Ion:117 Resp: 57582
Ion Ratio Lower Upper
117 100
201 70.3 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 20.178 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

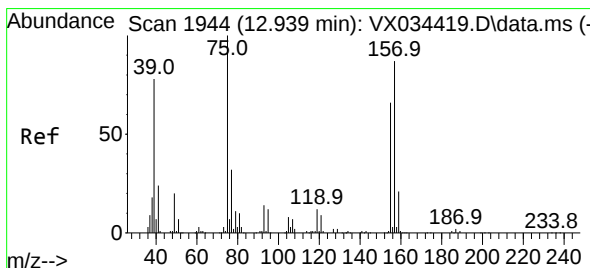
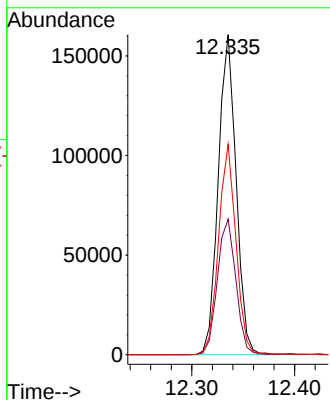
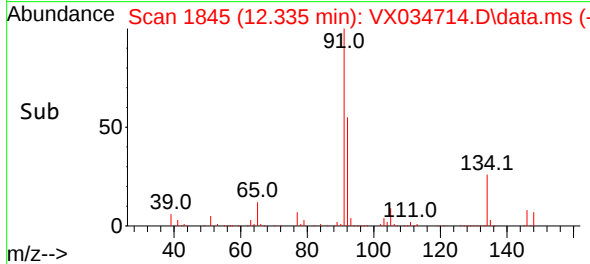
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01



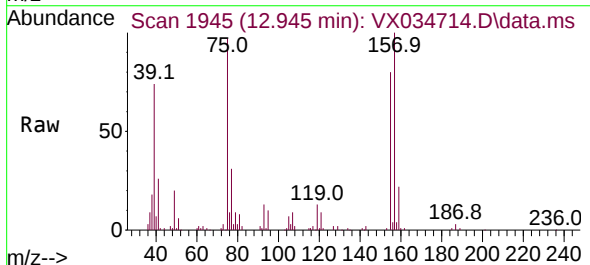
Tgt Ion:146 Resp: 193479
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.1 32.0 96.0

Manual Integrations
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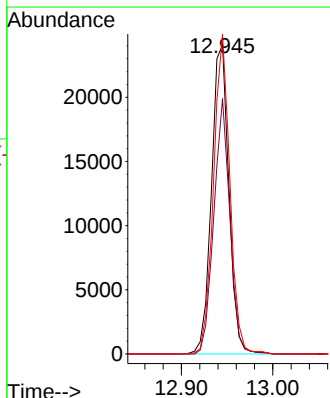
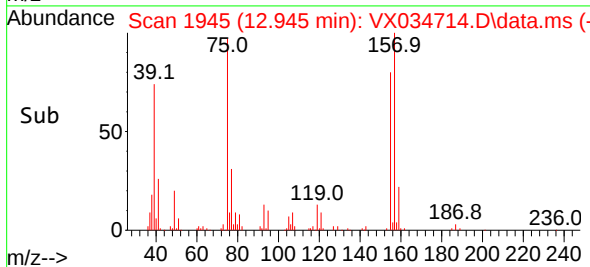
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

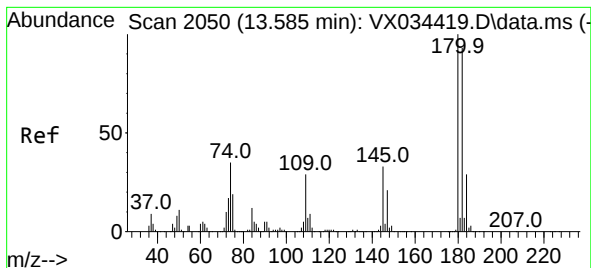


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.937 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09



Tgt Ion: 75 Resp: 31903
Ion Ratio Lower Upper
75 100
155 76.0 38.4 115.1
157 97.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 19.888 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tgt Ion:180 Resp: 119250

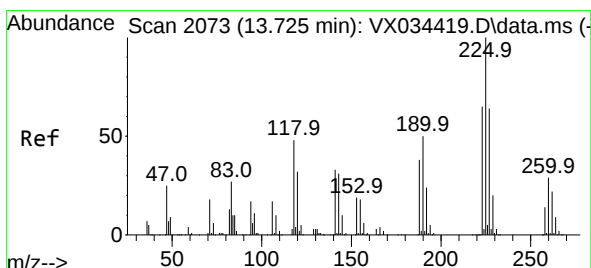
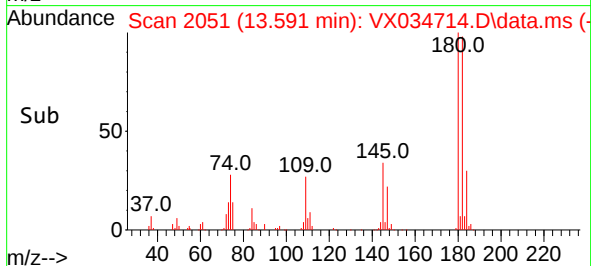
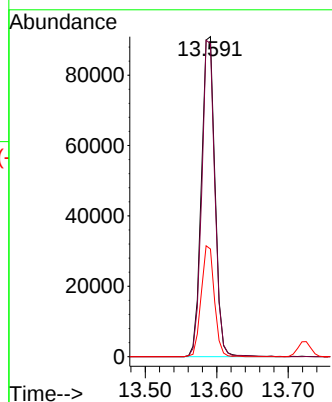
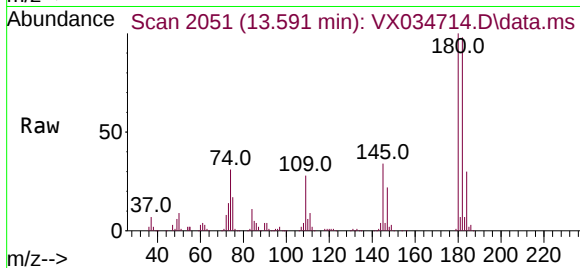
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.0
145	33.8	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#94

Hexachlorobutadiene

Concen: 21.487 ug/l

RT: 13.725 min Scan# 2073

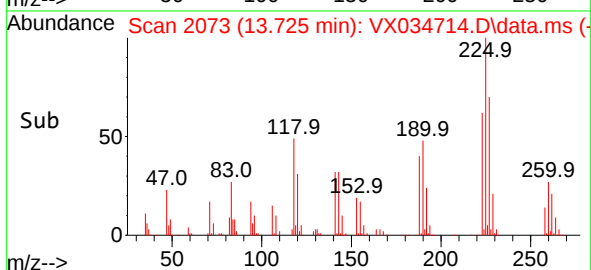
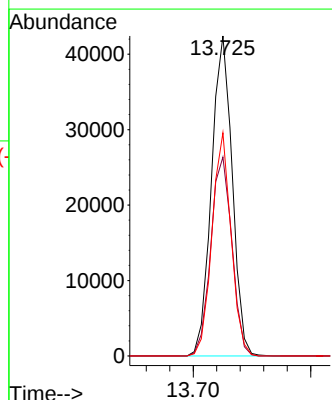
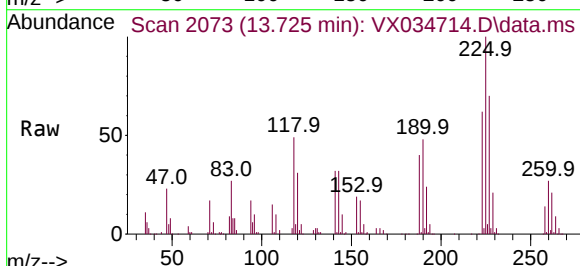
Delta R.T. 0.000 min

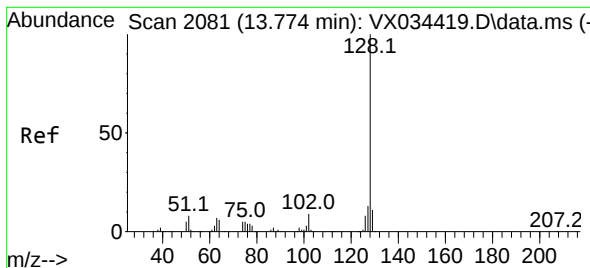
Lab File: VX034714.D

Acq: 24 Mar 2023 12:09

Tgt Ion:225 Resp: 51906

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.1	96.5
227	64.4	31.8	95.4





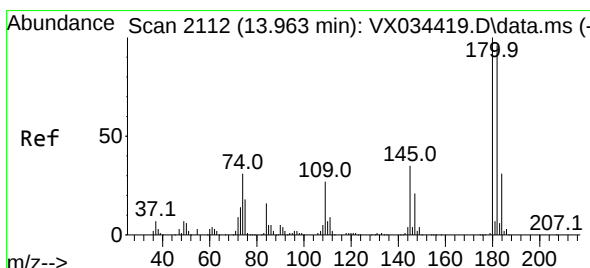
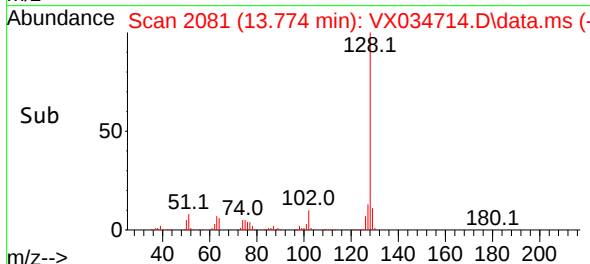
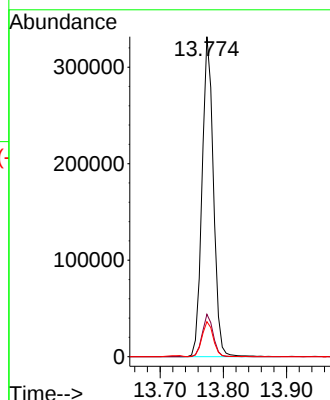
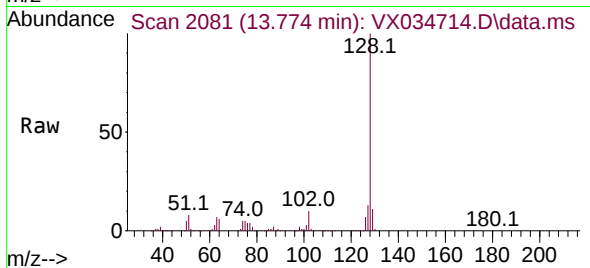
#95
Naphthalene
Concen: 20.628 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tgt Ion:128 Resp: 41478
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.380 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034714.D
Acq: 24 Mar 2023 12:09

Tgt Ion:180 Resp: 119458
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.2
145 35.4 17.7 53.1

